

CITY OF SAN MARINO
CITY COUNCIL AGENDA

Allan Yung, MD, Mayor

Richard Sun, DDS, Vice Mayor

Steven W. Huang, DDS, Council Member

Steve Talt, Council Member

Richard Ward, Council Member

Cindy Collins,, Interim City Manager



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City Hall Council Chamber

2200 Huntington Drive

San Marino, CA 91108

FRIDAY, SEPTEMBER 30, 2016
8:00 A.M.
CITY HALL
COUNCIL CHAMBER
2200 HUNTINGTON DRIVE, SAN MARINO, CA

The City of San Marino appreciates your attendance. Citizens' interest provides the Council with valuable information regarding issues of the community.

Regular Meetings are held on the 2nd Wednesday of every month at 6:00 p.m. Adjourned Regular Meetings are held on the last Friday of every month at 8:00 a.m.

In compliance with the American with Disabilities Act, any person with a disability who requires a modification or accommodation in order to participate in a meeting should contact the City Clerk's Office at (626) 300-0705 at least 48 hours prior to the meeting.

CALL TO ORDER

PLEDGE OF ALLEGIANCE

ROLL CALL: Councilman Huang, Councilman Talt, Councilman Ward, Vice Mayor Sun, and Mayor Yung

POSTING OF AGENDA

The agenda is posted 72 hours prior to each meeting at the following locations: City Hall, 2200 Huntington Drive, the Crowell Public Library, 1890 Huntington Drive and the Recreation Department, 1560 Pasqualito Drive. The agenda is also posted on the City's Website: <http://www.cityofsanmarino.org>

PUBLIC COMMENTS

Section 54954.3 of the Brown Act provides an opportunity for members of the public to address the City Council on any item of interest to the public, before or during the Council's consideration of the item, that is within the subject matter jurisdiction of the City Council.

MOTION TO WAIVE FURTHER READINGS

This action permits the City Council to act on ordinances and resolutions without having to read the entire text of the ordinance or resolution. The title of an ordinance on First Reading must be read in its entirety. An ordinance on Second Reading does not require having the title read. However, the City Council may request that an ordinance or resolution be read in its entirety before taking any action.

STUDY SESSION**1. STONEMAN UPGRADES FOR ADA AND BUILDING CODE ENHANCEMENTS AND PRESCHOOL LICENSING**

Recommendation: “A motion directing staff to solicit proposals for the design and construction of these improvements.”

2. DISCUSSION REGARDING THE CITY OF SAN MARINO'S WATER WISE CENTER MEDIAN PROJECT

Recommendation: “A motion to direct staff on how to proceed with the City of San Marino's Water Wise Center Median Project.”

3. CONSIDERATION OF UNINHABITED PROPERTY ORDINANCE

Recommendation: “A motion to accept the Uninhabited Residential Property ordinance and have it placed on the October 12th agenda for first reading.”

4. 2016 PAVEMENT MANAGEMENT SYSTEM UPDATE**CONTINUED BUSINESS****5. REVIEW OF MAKING SAN MARINO BETTER LIST**

PUBLIC COMMENTS

The public may at this time speak regarding any city-related issue, provided that no action shall be taken on any item not appearing on the agenda. Any person desiring to speak should complete a Speaker's Form located at the entrance and hand it to the City Clerk. The Mayor reserves the right to place limits on duration of comments.

CLOSED SESSION**6. CONFERENCE WITH LEGAL COUNSEL – ANTICIPATED LITIGATION**

Significant exposure to litigation pursuant to paragraph (2) of Subdivision (d) of Section 54956.9-(2 cases)

7. CONFERENCE WITH LEGAL COUNSEL – EXISTING LITIGATION (§ 54956.9(A)):

Name of case: Case No. BS164087

RECONVENE TO OPEN SESSION**CLOSED SESSION REPORT****ADJOURNMENT**

The San Marino City Council will adjourn to the next regular meeting to be held on **WEDNESDAY, OCTOBER 12, 2016, at 6:00 P.M.** in the City Hall Council Chamber, 2200 Huntington Drive, San Marino, California.

Dated: September 26, 2016

Posted: September 26, 2016

VERONICA RUIZ, CMC
CITY CLERK

City of San Marino AGENDA REPORT



Allan Yung, MD, Mayor

Richard Sun, DDS, Vice Mayor

Steven W. Huang, DDS, Council Member

Steve Talt, Council Member

Richard Ward, Council Member

TO: MAYOR AND CITY COUNCIL

FROM: CINDY COLLINS, INTERIM CITY MANAGER

BY: LUCY GARCIA, ASSISTANT CITY MANAGER
ROSA PINUELAS, RECREATION MANAGER

DATE: SEPTEMBER 30, 2016

SUBJECT: **STONEMAN UPGRADES FOR ADA AND BUILDING CODE ENHANCEMENTS
AND PRESCHOOL LICENSING**

BACKGROUND

Between 2003 and 2012, the City of San Marino leased Stoneman Elementary School (Stoneman) from the San Marino Unified School District (SMUSD) for the purposes of programming and locating the Department's administration activities. At that time, the SMUSD was also limited in classroom space available at the elementary school campuses for afterschool child care and programming. In July 2012, the City acquired/purchased Stoneman from the San Marino Unified School District to further the Recreation Department's activities and/or other services to the community. Although the site currently does not fully satisfy the Americans with Disabilities Act (ADA) requirements, building code safety requirements, or the licensing requirements of the Los Angeles County Community Care Licensing Division (CCLD), the site has been utilized as a community center due to the City's limitations for alternative programming site options.

Since the acquisition of Stoneman, at the direction of the City Council, the City has been exploring various options relative to needed facility improvements *to ensure the safety of the patrons and the community and the quality of the Department's services*. The options previously identified include: 1) tearing down the current building and rebuilding Stoneman with added amenities; 2) completing a "refurbishment" of the current building with added amenities; 3) cosmetic improvements to the current building with no added amenities and the completion of all compliance issues; and 4) addressing and correcting compliance issues only.

While the City has explored options 1-3, the estimated costs associated with these options have been significant; as a result, the direction of Stoneman has remained relatively untouched and an initiative needs to be taken in order to start making corrections.

Stoneman does not have accessible entrances, path of travel, restrooms, telephones, drinking fountains, and other elements as required by ADA. However, Stoneman is a public space, which must be ADA suitable for patrons and guests as well as staff. In November 2015, an ADA Accessibility Study was conducted to determine the improvements needed and the costs associated with the improvements; the study and its required enhancements and expected costs are attached.

Stoneman is designated as an Educational building per the building code. Based on this occupancy class, the facility does not have the proper fire alarm system. The current fire alarm system consists of stand-alone (non-monitored) home smoke detectors in each room and a local alarm system. A local alarm system requires manual activation and only alerts the occupants on the premises. To be in full compliance with fire and building codes, a monitoring alarm and wet system must be put in place.

In addition, based on further research, staff has verified that seismic work has never been done at Stoneman. According to state law enacted in 1986 that addresses unreinforced masonry (URM) for buildings in the Seismic Zone 4, the scope of work required for Stoneman requires seismic retrofitting of the building. As a result, seismic work must also be addressed to bring the building into compliance.

Finally, in order to be eligible for licensing of childcare, Stoneman also needs to have appropriate heating and air conditioning system(s) which can properly facilitate safe and comfortable room temperatures and access to hot water. Making these improvements benefits other programming including afterschool child care, classes, programming for older adults and rentals. As the Council is aware, there are many activities that currently can't be offered at the facility despite the availability of space, because temperature issues absolutely preclude Stoneman as a viable option for activity use.

Current Use of Stoneman

Stoneman represents the hub of the Recreation Department and serves as a community center where patrons of all ages come to learn about community offerings, register for programs/activities and inquire about renting a city facility. Registration and reservations for all Recreation programs are processed at Stoneman.

Stoneman experiences a high level of public traffic throughout the year due to activity enrollment and special event sales. Recreation collects \$2.1 million annually, which in fiscal year 15/16 equated to 16,153 enrollments plus 3,814 department special event wristbands sold. In addition, approximately 4,000 July 4th wristbands were sold at this site.

Currently, Stoneman serves approximately 137 people daily between the ages of 2 and 12; however, this is an average daily attendance and does not signify the same users each day. This does not take into account those who physically register at Stoneman for adult and senior programming held off site or those who rent city facilities.

The Stoneman facility is approximately 19,000 square feet cumulatively, on 3.4 acres of land and provides daily services of program registration, preschool, daycare and contract class services. Sixteen classrooms are currently utilized, with one city document/ record keeping office, one central administration office and five staff offices. Some of the Department's offerings are also conducted at other facilities such as, the San Marino Center, Lacy Park, the Crowell Public Library, and school sites, however, all registration and reservations are processed through Stoneman.

Preschool Program

Preschool classes are offered for children ages 1-5 years old. The onsite programs include Parent & Me programs, independent programs, and enrichment classes. Within the 2015-2016 period, there were 1,946 enrollments. Preschool programs have an average of 16 enrollees per classroom. The program currently has 57 participants daily and uses seven classrooms. The independent programs are offered from 9 am -1 pm daily. The lack of improvements continues to impact potential enrollment and/or revenue growth. To illustrate, in 2012, the CCLD required that the City reduce its preschool services and hours because Stoneman does/did not have the appropriate facility enhancements to enable full-day care licensing. This

change in preschool programming from a full-day program to a partial day program immediately and negatively impacted the Recreation Department’s revenue by roughly 32% in a single fiscal year. In the 2011-2012 fiscal year, the preschool revenue with full-day care was \$602,644. As a half-day program, the revenue for the 2013-2014 fiscal year was \$408,866. Preschool attendance dropped from 99 participants daily in 2011 to 69 participants daily in 2013.

It is estimated that resuming a full-day care preschool program could potentially generate \$267,960 in new revenues annually. This is based on 31% of those currently attending our half-day program who we anticipate will register for full-day care and a 15% increase in new student enrollment.

Daycare Program

Children participating in our Kindergarten Daycare and Elementary Daycare Programs are transported from Carver or Valentine Schools to Stoneman by bus Monday through Friday. Included within the Stoneman afterschool activities are home work time, snack time, outdoor play, and arts and crafts. The annual daycare enrollment for 2015-2016 was 722 enrollments with the activity taking place in three classrooms at Stoneman. This program currently has 50 participants daily.

Contract Class Program

During the school year, the majority of youth contract classes are held at Stoneman. A variety of programs are offered after school ranging from science enrichment to dance classes. Annual enrollment in classes at Stoneman was 1402 enrollments during the 2015-2016 fiscal year. This program currently has 30 participants daily. Eight classrooms are used (some co-utilized) during the school year and five are used in the summer although three of the rooms are very limited in use during the summer due to lack of air conditioning.

In addition, during the summer, Stoneman offers classroom space for the Chinese School of San Marino and additional preschool and classes programs. Air conditioning improvements would allow for an expansion of summer contract classes. Conservatively assuming an increase of two summer programs for five additional rooms available for use, an additional \$18,625 in revenue could be generated.

**Stoneman Facility Programs
FY 2016-17**

As a result of all of these activities—Classes, Day Care and Preschool—programs conducted at Stoneman (not including Administration) generate \$1.19 million in revenue and incur about \$1.08 million in expenditures. Each of these program areas include administrative overhead and help offset the Administration costs needed to supervise, coordinate, and market the programs.

Program	Revenue	Expenditures	Difference	Cost Recovery
Classes*	\$380,480	\$379,545	\$935	100%
Day Care	\$231,484	\$231,484	\$-	100%
Preschool	\$584,751	\$476,779	\$107,972	123%
Total	\$1,196,715	\$1,087,808	\$108,907	110%
*Note: Not all classes are conducted at Stoneman.				

ANALYSIS

The facility deficiencies noted at Stoneman, pursuant to studies conducted last year, are specified as follows; however, the most significant facility issues are associated with the American Disabilities Act requirements (a detailed ADA Accessibility Study is attached) and Building Code enhancements which include a proper fire monitoring alarm and wet system. In addition, as noted herein, upgrades are necessary to meet the facility criteria established by the Los Angeles County Community Care Licensing Division for full care preschool licensure.

STONEMAN UPGRADES

#	DESCRIPTION	UNIT	QTY	UNIT PRICE	TOTAL
HVAC					
1	Heating and Air Conditioning	Each	13	\$15,384.61	\$200,000
2	Electrical - Heat pumps and water heaters will require running conduit and wiring from electrical panels to these devices.	Each	13	\$5,769	\$75,000
PLUMBING FOR CLASSROOMS					
1	Sinks and Insta-hot Faucets	Each	8	\$6,250	\$50,000
FIRE					
1	Educational Monitoring Alarm & Wet System	LS	1	\$200,000	\$200,000
ENVIRONMENTAL					
1	Material Abatement	LS	1	\$243,061	\$243,061
ADA ACCESSIBILITY STUDY					
1	ADA Improvements – attached is a sheet that details the components. These costs were estimated in November 2015 and included a 15% contingency.	LS	1	\$1,300,000	\$1,300,000
ARCHITECTURAL DRAWINGS & CONSTRUCTION DOCS					
1	Drawings and C & D's	LS	1	\$210,000	\$210,000
SEISMIC RETROFIT**					
1	Brace and Bolt Foundation, Walls and Ceilings	LS	1	\$110,000	\$110,000
				TOTAL:	\$2,388,061*

*Total includes a 25% contingency

**Seismic was not included when presented to the Recreation Commission.

Heating and Cooling

The heating and air conditioning needed for each classroom and office can be handled with ductless, mini-split-system heat pumps (mini splits). Like standard air-source heat pumps, mini splits have two main components - an outdoor compressor/condenser and an indoor air-handling unit. A conduit, which houses the power cable, refrigerant tubing, suction tubing, and a condensate drain, links the outdoor and indoor units.

The main advantages of mini splits are their small size and flexibility for zoning or heating and cooling individual rooms. Ductless mini-split systems are easier to install than some other types of space conditioning systems. For example, the hook-up between the outdoor and indoor units generally requires only a three-inch hole through a wall for the conduit. Most manufacturers of this type of system can provide a variety of lengths of connecting conduits, and, if necessary, you can locate the outdoor unit as far away as

50 feet from the indoor evaporator. This makes it possible to cool rooms on the front side of school but locate the compressor in a more advantageous or inconspicuous place on the outside of the building.

Mini splits have no ducts, so they avoid the energy losses associated with the ductwork of central forced air systems. Duct losses can account for more than 30% of energy consumption for space conditioning, especially if the ducts are in an unconditioned space such as an attic.

In comparison to other add-on systems, mini splits offer more interior design flexibility. The indoor air handlers can be suspended from a ceiling, mounted flush into a drop ceiling, or hung on a wall. Floor-standing models are also available. Most indoor units are about seven inches deep, and have a remote control to make it easier to turn the system on and off when it's positioned high on a wall or suspended from a ceiling.

Hot Water Plumbing

Hot water for handwashing is to be provided in each of the classrooms with an electric, under sink or point-of-use electric 'tankless' water heater. These units are energy efficient and will meet classroom needs. Each restroom will be equipped with a small tank electric water heater, sized to meet handwashing needs.

Monitoring Fire Alarm and Wet System

In the event of a fire, a monitoring alarm system will provide notification to both a designated security company as well as the fire department. This system will consist of alarms, pull stations, smoke detectors, strobe lights and fire sprinklers in every room and the hallways.

Environmental Materials Abatement

Improvements will also include environmental materials abatement which include the removal of lead and asbestos if the project results in the disturbance of these materials. Lead can be found in interior and exterior paint while asbestos can be found in materials which use adhesives such as glue for carpets and ceiling tiles as well as ducting systems of furnaces.

ADA Accessibility

ADA Accessibility involves accessible entrances, path of travel, restrooms, telephones, drinking fountains, and other elements. Attached is a study with the required enhancements and expected costs.

Seismic Retrofit

Seismic retrofitting involves bracing and bolting the foundation, walls and ceilings throughout the facility.

FISCAL IMPACT

The total costs for addressing the ADA, Building, Licensure and Seismic issues of Stoneman are estimated at \$2,388,061. This is not currently budgeted in the 2016-17 Fiscal Year for Stoneman upgrades. The funds will not be appropriated until the Council executes a contract for the design and build of the proposed Stoneman improvements.

The recommended Stoneman improvements can be scheduled during the summer months to reduce the impact on revenue and services resulting from the temporary disruption of facility use. Some reduction to revenues, in other words, is possible from the loss of spaces during the construction period

RECREATION COMMISSION RECOMMENDATION

The Recreation Commission held a Special Meeting, on Monday, September 12, 2016 to discuss the Stoneman facility deficiencies as they relate to ADA requirements, building code and fire safety requirements, and licensing requirements. Commission cited concerns relative to the safety and negative impact onto the participants from the facility deficiencies described – namely the temperature of the classrooms and the lack of ADA accessibility. Some of the comments expressed by the community were that an evaluation of the programs and their participants be conducted before a decision is made about the requested improvements. Ultimately, the Recreation Commission voted unanimously (5 members present, 1 absent), to recommend that the City Council appropriate \$2,280,000* from the General Fund for Stoneman improvements and to recommend that the City Council direct staff to proceed with the solicitation of bids. *The Recreation Commission was not provided with the seismic information for consideration at this meeting because it had not been verified that the seismic work had not been done.

RECOMMENDATION

Staff recommends the City Council consider the Stoneman improvements discussed herein and direct staff to solicit bids for the design and construction of these improvements. The proposals will be presented later to the City Council for contract approval and the appropriation of the funds to complete the improvements. If the Council concurs, the appropriate action would be:

“A motion directing staff to solicit proposals for the design and construction of these improvements.”

Attachment: ADA Accessibility Study

**STONEMAN RECREATION CENTER
ADA ACCESSIBILITY STUDY
CITY OF SAN MARINO
COST ESTIMATE**

Updated: October, 2015

#	DESCRIPTION	UNIT	QTY	UNIT PRICE	TOTAL	COMMENTS
ACCESSIBLE ENTRANCES						
1	Accessible Entry to Facility				\$ -	For information - Basis for Code/Accessibility analysis
2	Accessible Entry Signage	EA	2	\$ 116.00	\$ 232.00	
3	Level Landings @ Doors					
	A. At Primary Entrance to Classroom #2	LS	1	\$ 582.00	\$ 582.00	
	B. At Secondary Entrance to Classroom #4	LS	1	\$ 3,139.00	\$ 3,139.00	
	C. At Janitor's Room Adjacent to Girls Restroom	LS	1	\$ 3,675.00	\$ 3,675.00	
4	Threshold	EA	52	\$ 320.00	\$ 16,640.00	
5	Door Operating Hardware	EA	33	\$ 1,030.00	\$ 33,990.00	Complete hardware package for each door.
6	New Door w/ min. 32' clear.	EA	7	\$ 2,907.00	\$ 20,349.00	
7	Adjust Existing or Install New Closure	EA	39	\$ 986.00	\$ 38,454.00	
8	Reverse Door Swing	EA	2	\$ 2,328.00	\$ 4,652.00	
9	Accessible Room Signage	EA	18	\$ 116.00	\$ 2,088.00	
	Contingency	15.00%			\$ 3,489.00	
	OH&P	15.00%			\$ 4,012.00	
	Subtotal				\$ 131,302.00	
ACCESSIBLE PATH-OF-TRAVEL						
10	Accessible Path of Travel to Main Entry					
	A. From Pasqualito Drive	LS	1	\$ 882.00	\$ 882.00	For repair of existing surfaces.
	B. From Parking Lot	LS	1	\$ 1,680.00	\$ 1,680.00	
11	New Curb Ramp					
	A. At Pasqualito Drive	LS	2	\$ 2,728.00	\$ 5,456.00	For repair of existing surfaces.
	B. At Parking Lot	LS	1	\$ 2,728.00	\$ 2,728.00	
12	New Detectable Warning Surfaces	EA	3	\$ 1,800.00	\$ 5,400.00	
13	Level Landing @ Curb Ramp	LS	1	\$ 2,944.00	\$ 2,944.00	
14	Accessible Path of Travel to Other Building Levels					
	A. To Lower Classroom Level from Pasqualito Drive	LS	1	\$ 31,272.00	\$ 31,272.00	
	B. To Lower Classroom Level from Parking Lot	LS	1	\$ 32,235.00	\$ 32,235.00	
	C. To All-Purpose Room Level from Courtyard	LS	1	\$ 9,175.00	\$ 9,175.00	
15	Directional Path of Travel Signage	EA	7	\$ 116.00	\$ 812.00	
16	New Handrails @ Existing Stairs (Site)					
	A. At Granada Ave. (North)	LS	1	\$ 8,322.00	\$ 8,322.00	
	B. At Granada Ave. (South)	LS	1	\$ 4,332.00	\$ 4,332.00	
17	Level Landings at Stairs & Ramps	LS	7	\$ 1,559.00	\$ 10,913.00	
18	New Accessible Stair/Landings/Handrails					
	A. At Pasqualito Drive (West)	LS	1	\$ 8,105.00	\$ 8,105.00	
	B. At Pasqualito Drive (East)	LS	1	\$ 17,440.00	\$ 17,440.00	
19	Existing Ramp with New Handrails	LS	1	\$ 3,120.00	\$ 3,120.00	
20	New Ramp				\$ -	
	A. Btwn. Classroom #7 & Office #1	LS	1	\$ 8,886.00	\$ 8,886.00	

**STONEMAN RECREATION CENTER
ADA ACCESSIBILITY STUDY
CITY OF SAN MARINO
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	B. Btwn. Classroom #10 & Girl's Restroom	LS	1	\$ 18,700.00	\$ 18,700.00	
	C. N.W. Corner of the Multipurpose Room	LS	1	\$ 6,132.00	\$ 6,132.00	
	D. Btwn. Classroom #11 & Multipurpose Room	LS	1	\$ 13,431.00	\$ 13,431.00	
	E. S.W. Corner of Multipurpose Room	LS	1	\$ 23,560.00	\$ 23,560.00	
	F. From Classrooms #1 & 2 to Parking Lot	LS	1	\$ 46,510.00	\$ 46,510.00	
21	New Handrails @ New Ramps					
	A. Btwn. Classroom #7 & Office #1	LS	1	\$ 4,560.00	\$ 4,560.00	
	B. Btwn. Classroom #10 & Girl's Restroom	LS	1	\$ 4,056.00	\$ 4,056.00	
	C. N.W. Corner of the Multipurpose Room	LS	1	\$ 3,120.00	\$ 3,120.00	
	D. Btwn. Classroom #11 & Multipurpose Room	LS	1	\$ 4,560.00	\$ 4,560.00	
	E. S.W. Corner of Multipurpose Room	LS	1	\$ 7,415.00	\$ 7,415.00	
	F. From Classrooms #1 & 2 to Parking Lot	LS	1	\$ 10,250.00	\$ 10,250.00	
22	New Stair Handrails @ Existing Stairs (Building)					
	A. From Kindergarder #1	LS	1	\$ 2,280.00	\$ 2,280.00	
	B. From Classroom #2	LS	1	\$ 2,280.00	\$ 2,280.00	
	C. North Side of Existing Courtyard	LS	1	\$ 4,560.00	\$ 4,560.00	
	D. From the Existing Courtyard to the Existing Patio	LS	1	\$ 1,774.00	\$ 1,774.00	
	E. From Multipurpose Rm Level to All-Purpose Rm Level	LS	1	\$ 3,192.00	\$ 3,192.00	
	F. To Basement	LS	1	\$ 3,420.00	\$ 3,420.00	
23	New Stairs including Handrails & Landings	LS				
	A. From the Stage (North & South Sides)	LS	2	\$ 4,021.00	\$ 8,042.00	
	B. From Storage Room (adj. to Multipurpose Rm.	LS	1	\$ 6,799.00	\$ 6,799.00	
	Contingency	15.00%			\$ 68,895.00	
	OH&P	15.00%			\$ 79,260.00	
	Subtotal				\$ 180,502.00	
ACCESSIBLE RESTROOMS						
30	Renovate Existing Children's Restrooms to be Accessible					
	A. Toilet #1 (at Kindergarden #1)	SF	74	\$ 325.00	\$ 24,050.00	Full Renovation - Does not include expansion of existing space.
	B. Toilet #2 (at Kindergarden #2)	SF	74	\$ 325.00	\$ 24,050.00	Full Renovation - Does not include expansion of existing space.
	C. Girl's Restroom	SF	114	\$ 325.00	\$ 37,050.00	Full Renovation - Does not include expansion of existing space.
	D. Boy's Restroom	SF	114	\$ 325.00	\$ 37,050.00	Full Renovation - Does not include expansion of existing space.
31	Provide an Accessible Single Occupancy Restroom					
	A. Adjacent to Administration Office	SF	116	\$ 325.00	\$ 37,700.00	Full Renovation - Does not include expansion of existing space.
	B. Adjacent to Office #3	SF	69	\$ 325.00	\$ 22,425.00	Full Renovation - Does not include expansion of existing space.
32	Renovate Existing Girl's Restroom to be Accessible	SF	260	\$ 325.00	\$ 84,500.00	Full Renovation - Does not include expansion of existing space.
33	Renovate Existing Boy's Restroom to be Accessible	SF	264	\$ 350.00	\$ 92,400.00	Full Renovation - Does not include expansion of existing space.
34	New Accessible Staff Toilet	SF	50	\$ 325.00	\$ 16,250.00	Full Renovation - Does not include expansion of existing space.
	Contingency	15.00%			\$ 56,321.25	
	OH&P	15.00%			\$ 64,769.44	
	Subtotal				\$ 496,565.69	
ACCESSIBLE TELEPHONES						
37	Adjust Telephone to Accessible Heights	EA	21	\$ 369.00	\$ 7,749.00	Per Room
	Contingency	15.00%			\$ 1,162.85	
	OH&P	15.00%			\$ 1,336.70	
	Subtotal				\$ 10,248.05	

**STONEMAN RECREATION CENTER
ADA ACCESSIBILITY STUDY
CITY OF SAN MARINO
COST ESTIMATE**

ACCESSIBLE Drinking Fountains						
36	Provide Accessible Hi-Low Drinking Fountains	EA	3	\$ 8,750.00	\$ 26,250.00	
	Contingency	15.00%			\$ 3,937.50	
	OH&P	15.00%			\$ 4,528.13	
	Subtotal				\$ 34,715.63	
OTHER ACCESSIBLE ELEMENTS						
40	Provide an Accessible Parking Stall (Restripe, Signage)	LS	1	\$ 2,519.00	\$ 2,519.00	
41	Provide a Van Accessible Parking Stall (Signage)	LS	1	\$ 775.00	\$ 775.00	
42	Provide an Additional Accessible Parking Stall	LS	1	\$ 3,519.00	\$ 3,519.00	
43	Install an Accessible Parking Sign	LS	1	\$ 581.00	\$ 581.00	
44	Provide an Accessible Loading Zone	LS	1	\$ 8,398.00	\$ 8,398.00	
45	Eliminate Cracking/Raised Paving	SF	1,277	\$ 7.00	\$ 8,939.00	
46	Adjust Sink/Counter Heights	EA	15	\$ 3,724.00	\$ 55,860.00	
47	Adjust Soap and/or Paper Towel Dispenser Heights	LS	15	\$ 743.00	\$ 11,145.00	Per Room
48	Provide an Accessible Lift or Ramp @ Stage	LS	1	\$ 23,260.00	\$ 23,260.00	
49	Adjust the Height of Switches, Outlets, & Controls	EA	20	\$ 1,996.00	\$ 39,920.00	Per Room (includes approx. 8 outlets and 2 switches)
50	Provide an Accessible Counter Top/Work Station	LS	1	\$ 1,452.00	\$ 1,452.00	
	Contingency	15.00%			\$ 23,455.20	
	OH&P	15.00%			\$ 26,973.48	
	Subtotal				\$ 204,277.68	

TOTAL: \$ 1,057,611.05

**STONEMAN RECREATION CENTER
ADA ACCESSIBILITY STUDY
CITY OF SAN MARINO
COST ESTIMATE**

(UTILIZING THE ALLOWABLE EXCEPTIONS OF THE CALIFORNIA HISTORICAL CODE)

Updated: October, 2015

ACCESSIBILITY CODE PRIORITIES	UNIT	TOTAL	COMMENTS
ACCESSIBLE ENTRANCES	LS	\$ 131,302.00	
ACCESSIBLE PATH OF TRAVEL	LS	\$ 180,502.00	
ACCESSIBLE RESTROOMS	LS	\$ 496,565.69	
ACCESSIBLE TELEPHONES	LS	\$ 10,248.05	
ACCESSIBLE DRINKING FOUNTAINS	LS	\$ 34,715.63	
OTHER ACCESSIBLE FEATURES	LS	\$ 204,277.68	
TOTAL		\$ 1,057,611.05	

NOTE: This estimate includes accessibility improvements based on the requirements of Chapter 11B of the 2013 California Building Code and includes allowable exceptions based on Chapter 8-6 of the 2013 California Historical Code.

COST ESTIMATE

(BASED ON THE REQUIREMENTS OF CHAPTER 11B OF THE CALIFORNIA BUILDING CODE)

Updated: October, 2015

ACCESSIBILITY CODE PRIORITIES	UNIT	TOTAL	COMMENTS
ACCESSIBLE ENTRANCES	LS	\$ 141,302.00	
ACCESSIBLE PATH OF TRAVEL	LS	\$ 220,778.00	
ACCESSIBLE RESTROOMS	LS	\$ 496,565.69	
ACCESSIBLE TELEPHONES	LS	\$ 10,248.05	
ACCESSIBLE DRINKING FOUNTAINS	LS	\$ 34,715.63	
OTHER ACCESSIBLE FEATURES	LS	\$ 204,277.68	
TOTAL		\$ 1,107,887.05	

NOTE: This estimate includes accessibility improvements based on the requirements of Chapter 11B of the 2013 California Building Code ONLY.

NOTE: These cost estimates does not include architectural/engineering fees or miscellaneous plan check/permit or other fees.

City of San Marino AGENDA REPORT



TO: MAYOR AND CITY COUNCIL

FROM: CINDY COLLINS, INTERIM CITY MANAGER

BY: RON SERVEN, ENVIRONMENTAL SERVICES MANAGER

DATE: SEPTEMBER 30, 2016

SUBJECT: **CITY OF SAN MARINO'S WATER WISE CENTER
MEDIAN PROJECT**

Allan Yung, MD, Mayor
Richard Sun, DDS, Vice Mayor
Steven W. Huang, DDS, Council Member
Steve Talt, Council Member
Richard Ward, Council Member

BACKGROUND:

The proposed Water Wise Center Median Project was added to the “Make San Marino Better” list by City Council to address the challenges with maintaining the turf medians during this historic drought. The current City Council has requested that staff reintroduce the City of San Marino’s Water Wise Center Median Project for further discussion.

On May 7th, 2015, staff submitted an application for the SoCal Water Smart Turf Removal Rebate Program to the Metropolitan Water District (MWD) for the City of San Marino’s Water Wise Center Median Project. The rebate program was awarding up to \$2 per square foot for turf removal. The initial application included turf removal and replacement of nine (9) center medians totaling 258,875 square feet. Subsequent to the application submittal, staff issued a request for proposal (RFP) for design work for this initial phase for the project. The center median project involves turf removal, modification to irrigation systems and installation of drought tolerant landscapes on the two northerly center medians along Sierra Madre Boulevard.

Due to time constraints, the scope of work was reduced to only include two (2) center medians under the Turf Removal Program. Those areas included the medians at the north end of the Sierra Madre Boulevard, which total 19,344 square feet. Under the program guidelines, the project was required to be completed by December 26, 2015 in order to receive the rebate. The City was allowed a sixty (60) day extension which pushed the required completion date to February 26, 2015. Many unforeseen circumstances were identified by staff and by the public at previous meetings that may have impacted the project completion by the February 26th deadline. The concerns included excessive rainfall from predicted El Nino storms which could erode the project area, downed trees from wind events and debris clean-up and flood conditions brought on by projected winter storms. Any or all of these may have impacted the availability of City staff to dedicate to this project.

Following the revised scope of work, the MWD approved the project on August 28, 2015 for the amount totaling \$38,688.

At the October 14, 2015 City Council meeting, the Council awarded the contract to Steven A. Ormenyi & Associates and appropriation \$6,000 for the design work of the project.

At the November 10, 2015 meeting, the City Council approved a hybrid conceptual design of the two northerly islands on Sierra Madre Boulevard. The hybrid design included a landscaping plan that incorporated California native plants and Australian native plants.

At the December 9, 2015 meeting, the City Council voted to reject the project and withdrawing the application with MWD.

On May 3, 2016, staff confirmed with MWD that there will not be a large area rebate available through the SoCal Water Smart Removal Rebate Program for fiscal year 2016/2017.

FISCAL IMPACT

The estimated costs for turf removal and replanting would range from \$2 per square feet to \$8 per square feet depending on the scope of work. Currently there is no funding in the FY 2016/2017 budget for future work.

OPTIONS

- Move forward with the hybrid design of the two northerly islands on Sierra Madre Boulevard- cost estimate-\$38,688-\$154,752.
- Move forward with a smaller landscape area to serve as a prototype for future projects
- Continue as we have been- no watering of turf and irrigate trees
- Investigate the logistics and cost to water median turf and trees with non-potable water using a water truck

RECOMMENDATION

Staff recommends that the City Council direct staff on how to proceed with the City of San Marino's Water Wise Center Median Project.

“A motion to direct staff on how to proceed with the City of San Marino's Water Wise Center Median Project.”

City of San Marino AGENDA REPORT



Allan Yung, MD, Mayor

Richard Sun, DDS, Vice Mayor

Steven W. Huang, DDS, Council Member

Steve Talt, Council Member

Richard Ward, Council Member

TO: MAYOR AND CITY COUNCIL
FROM: CINDY COLLINS, INTERIM CITY MANAGER
BY: JOHN N. INCONTRO, CHIEF OF POLICE
DATE: SEPTEMBER 30, 2016
SUBJECT: **CONSIDERATION OF UNINHABITED RESIDENTIAL
PROPERTY ORDINANCE**

BACKGROUND

On April 29, 2016, in an effort to address the health and safety concerns associated with uninhabited residential properties throughout the City, the City Council directed staff to develop a vacant property registration ordinance (VPRO) that would amend the City's current code.

ANALYSIS

Many cities throughout the United States have been experiencing a rise in the number of vacant properties both in residential and commercial districts. While there are a myriad of reasons for these vacancies, there is no disputing there has been a measurable increase over the past decade. In response to this increase, there has been a growing number of local governments enacting vacant property registration ordinances (VPRO). As mentioned in the April agenda report regarding vacant properties, approximately 164 (34%) of the 482 cities throughout California have already enacted VPRO ordinances.

Many professionals attribute the rise in the number of vacant properties to the increase in foreclosures across the country. Foreclosed properties are oftentimes "abandoned" causing cities to develop ordinances with specific language associated with abandoned and consequently dilapidated vacant properties. This issue of abandonment due to foreclosure is an important footnote to highlight here because the attached San Marino proposed VPRO is focused on mitigating "public safety issues" that may arise as a result of "uninhabited" residential property (rather than the traditional blight issues that arise from abandoned/foreclosed vacant property). Neglected or poorly maintained property (vacant or not) is already addressed in San Marino via the Municipal Code and Code Enforcement. There have been minimal increases in vacant properties in San Marino as a result of foreclosures; rather, it is believed the increases in vacant properties in San Marino is more likely attributed to a growing number of residential properties being purchased as investment assets.

Regardless if a property has been completely abandoned or is uninhabited for a significant length of time, many negative effects or concerns associated with vacant property are the same. Specifically, long-term vacant properties can have a negative impact, including a health and safety impact, on surrounding neighbors. The neighbors may become self-appointed property managers, maintaining a watch for suspicious activities or removing debris that collects around the property of these locations. The Police and Fire Departments also have concerns regarding their inability to contact an owner, caretaker or property

manager of uninhabited properties should a fire, criminal activity, disruption of utilities or catastrophic event occur affecting the residence or neighborhood.

The Uninhabited Residential Property Ordinance for the City of San Marino addresses the Health and Safety issues resulting from uninhabited residential property owners. The current City Code has no provisions that require a homeowner to notify the City if they plan on leaving their residential property vacant or uninhabited for any length of time. The adoption of such an ordinance, as outlined in Chapter 14, Article 18, would provide City officials with a manner to address public safety concerns that arise when a residential property is uninhabited on a day-to-day basis for a period of 60 days or longer. The Uninhabited Ordinance permits the San Marino Police Department to collect and retain a database of current authorized parties and property owners that may be contacted in the event their registered uninhabited property becomes a public safety concern.

The Uninhabited Residential Property Ordinance requires property owners to register with the San Marino Police Department. This information is confidential and will only be used in the event a property owner or designee needs to be contacted due to an incident at the property. The owner will be required to include three contacts who would have the authority to resolve any of the necessary requirements the Police or Fire Departments may need to resolve an emergency situation. The property owners shall ensure the contact information is current; any change of information must be reported within 10 calendar days.

Based on the information presented, it is staff's recommendation to accept the attached municipal code Chapter 14, Article 18 for first reading on October 12, 2016.

FISCAL IMPACT

There is no fiscal impact anticipated from the adoption or installation of this ordinance. Costs associated with the monitoring and enforcement of the vacancy property registration ordinance would be recovered through penalties in accordance with provisions Chapter 1, Article 4 in the San Marino City Code.

RECOMMENDATION

Staff recommends the City Council accept the ordinance of S.M.C.C. Chapter 14, Article 18 Uninhabited Residential Property and place it on calendar for first reading on October 12, 2016.

If Council concurs, the appropriate action would be:

“A motion to accept the Uninhabited Residential Property ordinance and have it placed on the October 12th agenda for first reading.”

Attachments: Chapter 14, Article 18 Uninhabited Residential Property

ORDINANCE No. O-16-_____

AN ORDINANCE OF THE CITY COUNCIL OF THE CITY OF SAN MARINO AMENDING THE SAN MARINO CITY CODE TO ESTABLISH REGULATIONS FOR UNINHABITED RESIDENTIAL PROPERTY.

THE SAN MARINO CITY COUNCIL HEREBY ORDAINS AS FOLLOWS:

Section 1. Paragraph 15 is added to Subsection B of Section 1.06.02 of Article 6 of Chapter 1 of the San Marino City Code to read as follows:

“15. Chapter 14, Article 18, ‘Uninhabited Property’.”

Section 2. Article 18 is added to Chapter 14 of the San Marino City Code to read as follows:

**“ARTICLE 18
UNINHABITED RESIDENTIAL PROPERTY**

SECTION:

- 14.18.01 Purpose and Intent
- 14.18.02 Definitions
- 14.18.03 Registration
- 14.18.04 Notification Process

14.18.01 PURPOSE AND INTENT

This Article is enacted to mitigate the public safety issues that can arise when residential properties are uninhabited for extended periods of time.

The provisions of this Article are in addition to other provisions of the San Marino Municipal Code that pertain to vacant property and property maintenance standards, and nothing in this Article supersedes any other provision of the San Marino Municipal Code.

14.18.02 DEFINITIONS

“Authorized parties” means three (3) or more persons and/or agents that the property owner designates in writing as having authority to act on the property owner’s behalf in the event of a public safety issue, and each of whom can promptly respond after being contacted by the City that a public safety issue exists on the uninhabited property. The property owner can, but is not required to be, an authorized party.

“Current contact information” means one or more current telephone numbers for each of the authorized parties.

“Promptly respond” shall mean arriving at the uninhabited property within one (1) hour after contact by a City of San Marino representative.

“Public safety issue” means an event or observation that a representative of the City considers to pose a threat to the uninhabited property, a neighboring property, or a neighboring resident, including, but not limited to a call or calls for service to which City personnel respond. Examples include trespassing, property damage, fire, suspected illegal activity, compromised power or gas lines, and damaged water pipes.

“Uninhabited” shall mean a residential property in which no person has lived on a day-to-day basis for a period of 60 consecutive days or longer. Periodic visits by a third party to the property shall not constitute inhabitation.

14.18.03 REGISTRATION

Residential property owners that own a residential property that is or will become uninhabited shall contact the San Marino Police Department, register the property and provide the names and contact information for the authorized parties and such other information as the Police Department shall require. This information will be maintained by the San Marino Police Department and will be used solely for purposes related to this Article.

Once a property is registered, the property owner shall keep the list current and insure that each person on the list qualifies as an authorized person.

14.18.04 NOTIFICATION PROCESS

If a City representative responds to a call for service relating to a residence that appears to be uninhabited and which is not registered with the City, a notice regarding the requirements of this Article will be left at the residence.

If there is no response to this notice, follow-up checks will be made to the residence no less than every 30 days with subsequent notice(s) left for the property owner.

14.18.05 WATER SERVICE

It shall be unlawful for any property owner to discontinue water service to a residence for period of sixty (60) consecutive days or more.

14.18.06 VIOLATION

It shall be unlawful for a property owner to fail to register his or her residential property with the City of San Marino Police Department, provide and keep current a list of three authorized parties or to designate a person as an authorized party who in unable to respond to a public safety issue within 1 hour after notification by the City.

PASSED, APPROVED, AND ADOPTED this ___ day of _____, 2016.

Allan Yung, Mayor

ATTEST:

Veronica Ruiz, City Clerk

City of San Marino AGENDA REPORT



TO: MAYOR AND CITY COUNCIL

FROM: CINDY COLLINS, INTERIM CITY MANAGER

BY: DANIEL S. WALL, PE, PARK & PUBLIC WORKS
DIRECTOR / CITY ENGINEER

DATE: SEPTEMBER 30, 2016 |

SUBJECT: **2016 PAVEMENT MANAGEMENT SYSTEM UPDATE**

Allan Yung, MD, Mayor

Richard Sun, DDS, Vice Mayor

Steven W. Huang, DDS, Council Member

Steve Talt, Council Member

Richard Ward, Council Member

A Pavement Management System is a tool used to ensure the preservation of pavement in a methodical, economically efficient manner. The Los Angeles County Metropolitan Transit Authority, requires cities to update their pavement management systems at least triennially in order to remain eligible for Measure R local return funds. The attached draft Pavement Management System Update is based on a survey of the City's streets conducted by NCE, a consulting firm specializing in pavement management.

NCE inspected pavement conditions and determined the Pavement Condition Index number (PCI) of each street in the City. The PCI is a number from 1 to 100, with 100 being a street with pavement in perfect condition. The streets in San Marino have an average PCI of 64 which is considered "Fair" by this rating system. The Pavement Management System identifies the maintenance required to maintain those streets that are in fair/good condition while systematically working to improve the backlog of streets in poorer condition. The reason for this maintenance focused approach is cost. It is 20 times more expensive to rehabilitate a street in poor condition than it is to maintain a street in good condition.

The Pavement Management System identifies three different 10-year maintenance scenarios, estimated annual cost for each, and the projected average PCIs. NCE will present these scenarios to the City Council and answer any questions concerning the Pavement Management System.



City of San Marino
2200 Huntington Drive, San Marino, CA 91108

Draft Report

Pavement Management Program 2016 Update

May 2016



Fountain Valley, CA
9550 Warner Avenue, Suite 370
Fountain Valley, CA 92708
Tel: (714) 848-8897

Collaboration. Commitment. Confidence.

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City of San Marino

**Pavement Management Program
2016 Update**

Draft Report

Submitted to:

**City of San Marino
2200 Huntington Drive
San Marino, CA 91108**

May 2016

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Section PCI Listing: Sorted by Descending PCI

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Budget Needs - Rehabilitation Treatment/Cost Summary Report

Budget Needs - Preventive Maintenance Treatment/Cost Summary Report

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Cost Summary Report

Network Condition Summary Report

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Background

NCE was selected by the City of San Marino (City) in 2015 to perform an update of the Pavement Management Program (PMP). The goal of this project is to update the PMP, and train member agency personnel in maintaining their PMP for future years.

Broadly, a "... *pavement management [program] system is designed to provide objective information and useful data for analysis so that ... managers can make more consistent, cost-effective, and defensible decisions related to the preservation of a pavement network.*"¹

In other words, a PMP is designed to assist cities answer typical questions such as:

- What does the City's street network consist of and what are their conditions?
- How will the condition of the City's maintained streets respond over time under existing funding levels?
- What maintenance and rehabilitation strategies exist to improve current street conditions?
- What is the backlog of maintenance and rehabilitative work that should be done? What are the future maintenance and rehabilitation needs?
- What are the street repair priorities?

In order to answer the questions above, the City utilized the StreetSaver pavement management program. StreetSaver is a program developed by the Metropolitan Transportation Commission (MTC) and is the most widely used PMP in California.

¹ AASHTO "Guidelines for Pavement Management Systems". American Association of State Highway and Transportation Officials, Washington DC, July 1990.

Study Objectives

The objectives of this study were to:

- Implement a pavement management system to assist the City with maintaining an inventory of all street sections and assist policy makers in making decisions for street maintenance.
- Perform pavement condition inspections of the entire street network and determine the pavement condition index (PCI).
- Develop appropriate maintenance and rehabilitation strategies.
- Perform budgetary analysis and determine the funding needs.

This report links the recommended repair program costs to the City's current and projected budget alternatives to improve overall maintenance and rehabilitation (M&R) strategies. This report assesses the adequacy of existing revenues to meet the maintenance needs recommended, and maximizes the return from expenditures by:

- Implementing a multi-year street rehabilitation and maintenance program;
- Developing a preventive maintenance program; and
- Selecting streets for the most cost effective repairs.

It determines the overall condition of the City's maintained streets and highlights options for improving them. These options are developed by conducting "what-if" analyses using the StreetSaver program. By varying the budget amounts available for pavement maintenance and repair, one can show how different funding strategies can impact the City's streets over the next ten years.

Project Approach

The scope of work included performing pavement condition inspections as per the protocols described in ASTM D6433-11². The pavement condition inspections were completed by February 2016. Note that the condition inspections did not address non-pavement issues such as traffic, safety and street hazards, geometric issues, street shoulders, sidewalks, curb and gutters, drainage issues, or immediate maintenance needs.

Upon completion of the data collection activities, NCE reviewed Maintenance and Rehabilitation (M&R) strategies with the City staff. This included the selection of appropriate treatments such as cape seals or overlays, and the determination of unit costs.

Once appropriate M&R alternatives were defined, a treatment unit cost was determined for each alternative and these alternatives and costs were entered into the PMP database for budgetary analyses. The unit costs are based on recent bid tabs from the City of San Marino and include all related construction costs and engineering and design costs.

NCE next performed a budget needs analysis using an analysis period of ten years with an inflation rate of 3%. This identified M&R requirements for each street section and determined the total maintenance and rehabilitation requirements over the analysis period under different funding levels.

² ASTM. "ASTM D6433-11." Standard Practice for Roads and Parking Lots Pavement Condition Index Inspections.

Pavement Network and Current Condition

The City of San Marino is responsible for the repair and maintenance of approximately 59.75 centerline miles of streets of which 18.84 miles are arterials, 6.47 miles are collectors, and 34.45 miles are residential/local streets. Streets or pavements are one of the City's most valuable assets, and the replacement value is estimated to be approximately \$82.76 million. Note that this does not include the value of other non-pavement street components, such as curb and gutters, sidewalks, drainage etc.

The pavement condition index, or PCI, is a measurement of pavement grade or condition and ranges from 0 to 100. A newly constructed street will have a PCI of 100, while a failed street will have a PCI of 25 or less. The pavement condition is primarily affected by the climate, traffic loads and volumes, construction materials and age. The symptoms manifested by the pavement as it ages or fails include:

- | | |
|--------------------------------------|---------------------------------------|
| 1. Alligator (Fatigue) Cracking | 11. Patching and Utility Cut Patching |
| 2. Bleeding | 12. Polished Aggregate |
| 3. Block Cracking | 13. Potholes |
| 4. Bumps & Sags | 14. Railroad Crossing |
| 5. Corrugation | 15. Rutting |
| 6. Depression | 16. Shoving |
| 7. Edge Cracking | 17. Slippage Cracking |
| 8. Joint Reflection Cracking | 18. Swell |
| 9. Lane/Shoulder Drop-Off | 19. Raveling |
| 10. Longitudinal/Transverse Cracking | 20. Weathering |

A more detailed description of each distress type is available in ASTM D6433-11².

Figure 1 illustrates the definitions of the pavement condition categories. Streets in "Fair" condition includes streets with both non-load related (weathering or raveling) and load related (e.g. alligator cracking) distresses. Since these distresses are markedly different, the treatments used to address these conditions are also different, as are the costs of these treatments. Generally, streets with load-related distress are more expensive to repair. The two categories of distress are identified by II (non-load related) and III (load related). StreetSaver will assign the appropriate treatments and costs to streets identified with each category.

The photos in Figure 2 illustrate streets with a range of PCIs.

I	Very Good/ Good		100
II/III	Fair (non-load)	Fair (load-related)	70
IV	Poor		50
V	Very Poor		25
			0
Condition Category	Pavement Condition		PCI

Figure 1: Pavement Condition Categories



Figure 2: Examples of Streets with Different PCIs

The City's average weighted (by area)³ PCI is 64 and this is considered to be a "Fair" condition. However, the average PCI does not completely describe the street network. Table 1 is a summary of the City's street network and the PCI by functional class.

Table 1: Pavement Network and Condition Summary

Functional Class	Centerline Mileage	Lane Miles	# of Sections	Pavement Area (sf)	Weighted Average PCI	Condition
Arterial	18.84	37.67	139	4,016,450	71	Very good
Collector	6.47	12.93	41	1,295,052	70	Fair
Residential/Local	34.45	68.9	247	6,257,537	58	Fair
Total	59.75	119.51	427	11,569,039	64	Fair

Table 2 and Figure 3 show the distribution of pavements by functional class and condition category. Approximately half (49%) of the City's streets are "Very Good" and 6.1 percent is considered to be in "Very Poor" condition. Note that the majority of the streets in the "Poor" and "Very Poor" condition categories are residential and local. Appendix A contains the PCI listing for all streets in the City.

Table 2: Pavement Condition Breakdown by Functional Class and Condition Category

Condition Category	PCI Range	Arterial (%)	Collector (%)	Residential/Local (%)	Entire Network (%)
Very Good/ Good (I)	70-100	21.0%	6.6%	21.4%	49.0%
Fair (II/III)	50-69	5.8%	2.0%	12.3%	20.2%
Poor (IV)	25-49	6.2%	2.1%	16.5%	24.8%
Very Poor (V)	0-24	1.7%	0.5%	3.9%	6.1%
Total (%)		34.7%	11.2%	54.1%	100.0%

³ The weighted average PCI is a result of multiplying the area of each street section by the PCI of that section, totaling all sections together and then dividing by the total of the network areas or functional classification.

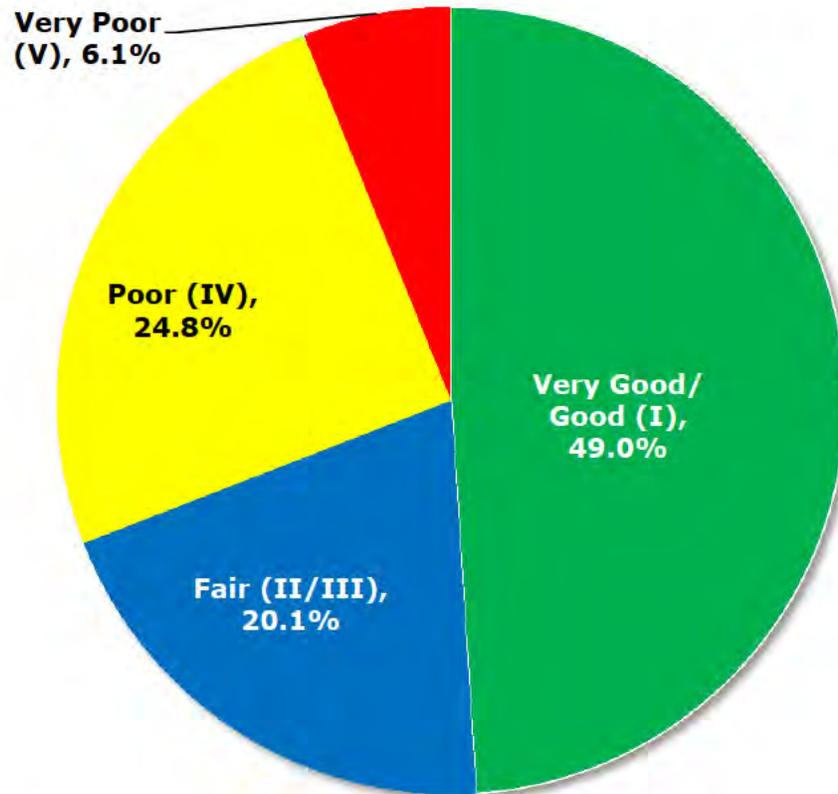


Figure 3: Pavement Network Breakdown by Condition Category

Based on historical data, the network PCI had been declining over the past fourteen years. Our record shows that the City’s network work PCI was 83 in 2002. Figure 4 below shows the historical average network PCI in the City.

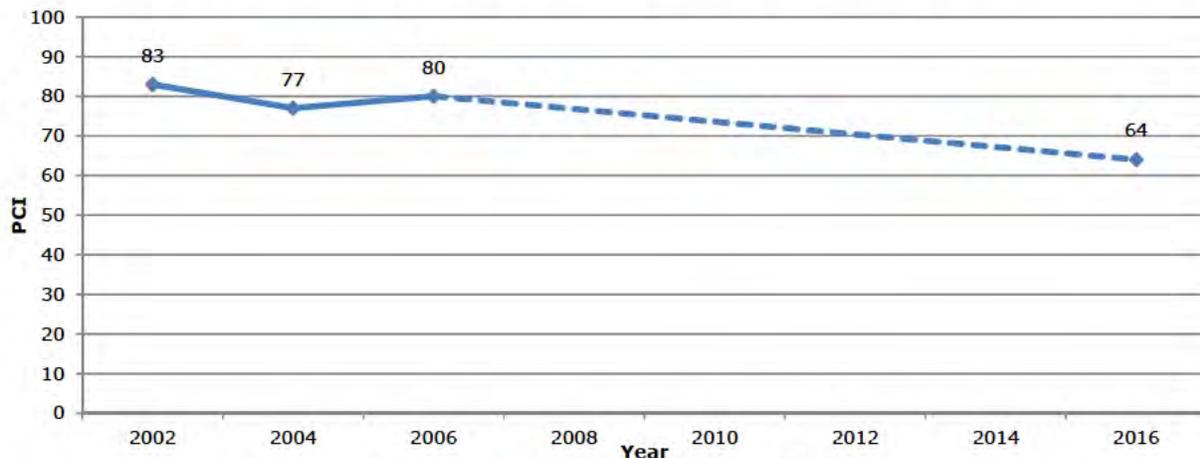


Figure 4: Historical PCI 2002-2016

*PCI between 2005 and 2015 are estimated values as there are no historical records available.

Current Budget and Maintenance Practices

In general, the City has utilized surface treatments such as slurry seals when the pavements are in "Good to Very Good" condition. This type of treatment is usually considered "preventive maintenance". When the pavement condition deteriorates to lower levels, overlays and reconstruction have been performed. These are considered "rehabilitation or reconstruction." In addition, base repairs are commonly used as preparatory work prior to overlays.

In meetings with City staff, a detailed M&R decision tree was prepared and included in Appendix B. This determined the most effective and realistic treatments for each group of streets by functional class and condition category.

Figure 5 illustrates that pavement maintenance follows the old colloquial saying of "pay now or pay more later". History has shown that it costs much less to maintain streets in good condition than to repair streets that have failed. By letting pavements deteriorate, streets that once cost \$3.25/square yard to slurry seal may in a few years cost as much as \$76.5/square yard to reconstruct. The costs shown in the chart below are based on recent bids received by the City.

The pavement deterioration curve shown by the red line describes how pavements deteriorate over time. In general, arterials will be expected to have a service life of 20 years, while those for residential streets may exceed 30 years.

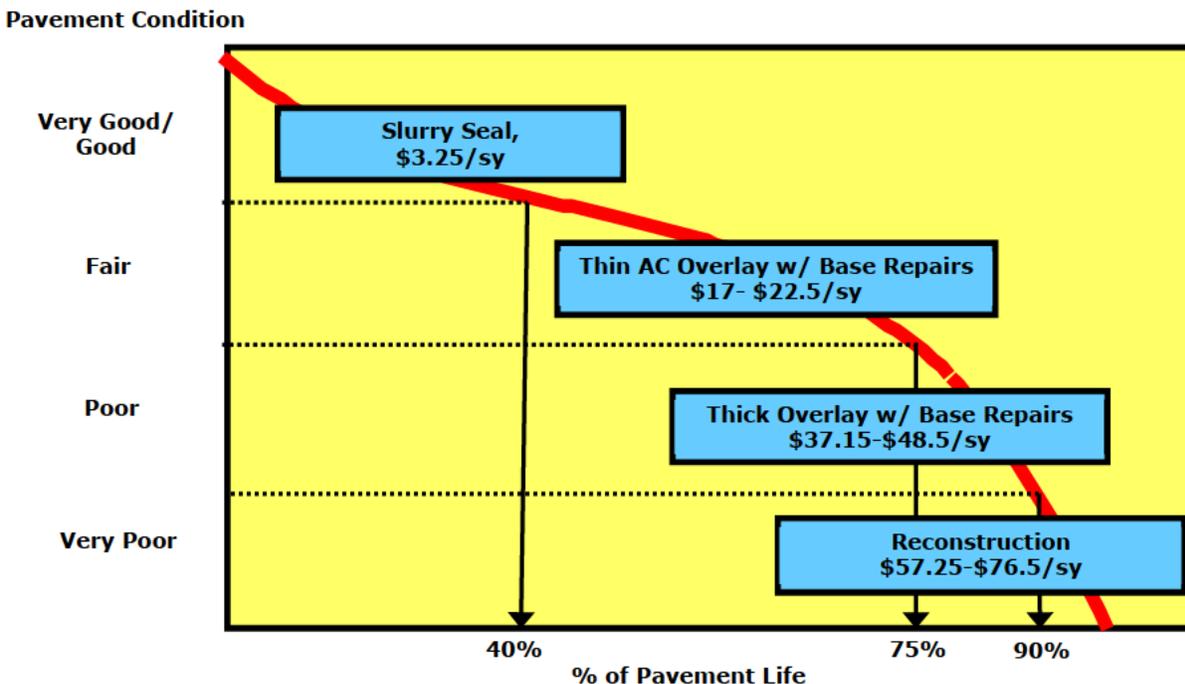


Figure 5: Costs of Maintaining Pavements over Time

Budget Needs

Once the pavement condition has been determined, and the appropriate maintenance treatments assigned in the decision tree, then it is possible to determine the funding needs for the City's maintained streets. Simplistically, the StreetSaver program seeks to answer the questions:

If funding is not a constraint, how much money is needed to bring the pavement condition to a state of good repair? And maintain it at that level over the next 10 years?

Therefore, based on the principle that it costs less to maintain streets in good condition than those in poor condition, StreetSaver will develop a maintenance strategy that will improve the overall condition of the streets and then maintain it at that level. The condition of each street determines the appropriate treatment and cost from the decision tree. For example, if Sherwood Road has a PCI of 41, and the appropriate treatment is a thick asphalt overlay with base repairs, then the area of the pavement section is multiplied by the unit cost and the total treatment cost determined. Additional maintenance treatments over the next ten years will also be applied (e.g. slurry seal) to preserve it.

Using this process, the entire street network for the City was evaluated in this fashion and summed. This results in maintenance needs of approximately \$37.21 million over the next ten years. An annual interest rate of 3% was assumed. If the City of San Marino follows the funding strategy recommended by the program, the average PCI will increase to the mid 80s. The results of the budget needs analysis are summarized in Table 3.

In essence, the funding level or maintenance needs determined illustrates the level of expenditures required to raise the pavement condition to a network PCI in the low 80's and also eliminates the maintenance backlog. Of the \$37.21 million in maintenance needs, approximately \$3.61 million (approximately 10%) is programmed for preventive maintenance, while the rest is allocated for more costly rehabilitation and reconstruction treatments. Again, preventive maintenance includes treatments such as slurry seals, while rehabilitation includes overlays.

Table 3: Results of Budget Needs

Fiscal Year	16/ 17	17/ 18	18/ 19	19/ 20	20/ 21	21/ 22	22/ 23	23/ 24	24/ 25	25/ 26	Total
Total Budget Needs (\$M)	13.95	4.08	4.92	4.30	2.82	1.93	1.56	2.36	0.54	0.75	37.21
Rehabilitation (\$M)	13.41	4.04	4.81	4.16	2.71	1.93	1.55	0.58	0.09	0.33	33.60
Preventive Maintenance (\$M)	0.54	0.04	0.11	0.14	0.12	0.00	0.01	1.78	0.45	0.42	3.61
Treated PCI	82	81	83	85	85	85	85	86	85	84	N/A
Untreated PCI	63	62	60	57	55	52	50	48	45	43	N/A

Note that in this analysis, the total funding needed is “front-loaded” i.e. it is less expensive to repair the streets in the first year than in subsequent years due to the effect of deferring maintenance and inflation. Also, the budget needs for the first year reveals the City’s current deferred maintenance is \$13.95 million.

Budget Scenarios

Having determined the 10-year maintenance needs of the City's street network, the next step in developing a cost-effective maintenance and rehabilitation strategy is to conduct a "what-if" analysis. Using the StreetSaver budget scenario module, the impacts of the City's budget can be evaluated. Simplistically, this module seeks to answer the following questions:

If we have funding constraints, what is the most cost-effective way to spend the funds available? What are the consequences on the PCI and deferred maintenance? What streets will be prioritized for repairs? When will they be repaired?

The program determines the effects of the different funding scenarios on PCI and deferred maintenance. By examining the effects on these performance measures, the advantages and disadvantages of different funding levels and maintenance strategies become clear. The following scenarios were performed:

Scenario 1: City's Current Budget (\$12 M) – With a current Capital Improvement Project (CIP) budget of \$1.2 million per year, the pavement network PCI will decline to 57 over the next ten years and deferred maintenance will increase from \$13.95 million to \$32.35 million by fiscal year (FY) 2025/26. Street sections selected for treatment under this funding level are included in Appendix D.

Scenario 2: Maintain Current Network PCI at 64 (\$19.3 M) – A total budget of \$19.3 million is required in order to maintain the City's current network PCI of 64 over the next ten years. However, the deferred maintenance will still increase from \$13.95 million to \$26.44 million by FY 2025/26.

Scenario 3: Target PCI by Functional Classes (\$25.21 M) – Per the City's request, this budget scenario describes a funding level that would bring the average PCIs of arterials, collectors, and local/residentials to 72, 71, and 68 respectively. As a result, the City will need to spend \$25.21 million over the next ten years, or approximately \$2.4 - \$2.6 million annually. By FY 2025/26, the deferred maintenance will increase from \$13.95 million to \$17.65 million.

Note: Deferred maintenance consists of pavement maintenance that is needed, but cannot be performed due to lack of funding. It is also referred to as the unfunded backlog. More detailed results of the budget needs and scenarios can be found in Appendix C.

Scenario 1: City's Current Budget (\$12 Million)

The City's projected annual CIP budget of \$1.2 million will result in a decrease in the network PCI from 64 to 57 and an increase in deferred maintenance from \$13.95 million to \$32.35 million over the next ten years. Table 4 and Figure 6 summarize results from Scenario 1. Street sections selected for treatment under this funding level are included in Appendix D.

Table 4: Summary of Results for Scenario 1

Fiscal Year	Current	16/ 17	17/ 18	18/ 19	19/ 20	20/ 21	21/ 22	22/ 23	23/ 24	24/ 25	25/ 26	Total
Budget Needs (\$M)	N/A	1.20	1.20	1.20	1.20	1.20	1.20	1.20	1.20	1.20	1.20	12.00
Rehabilitation (\$M)	N/A	1.05	1.04	1.05	1.05	1.04	1.05	1.15	1.05	1.05	1.04	10.55
Preventive Maintenance (\$M)	N/A	0.15	0.16	0.15	0.15	0.16	0.15	0.05	0.15	0.15	0.16	1.45
Deferred Maintenance (\$M)	13.95	12.75	12.92	15.51	18.22	20.36	23.08	25.71	28.44	30.26	32.35	N/A
Treated PCI	64	67	66	65	64	62	61	60	59	58	57	N/A

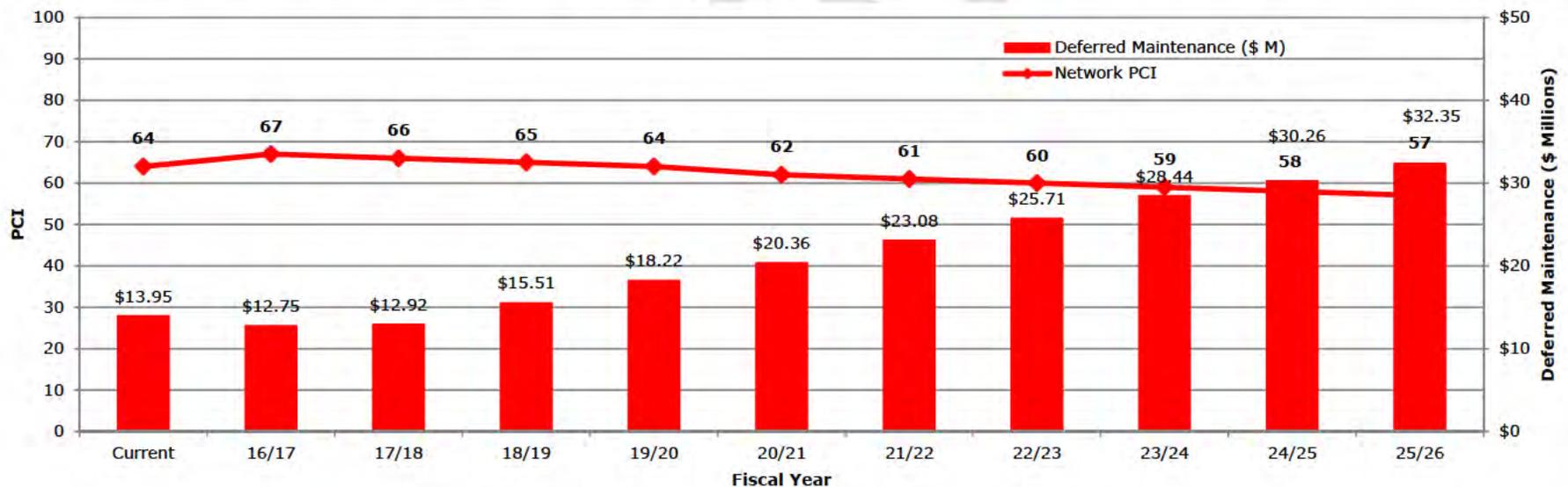


Figure 6: PCI vs. Deferred Maintenance for Scenario 1

Scenario 2: Maintain the Current Network PCI at 64 (\$19.3 Million)

A total of \$19.3 million is required to maintain the network PCI at 64 over the next ten years. With this scenario, the deferred maintenance will increase from \$13.95 million to \$26.44 million by FY 2025/26. Table 5 and Figure 7 summarize results from Scenario 2.

Table 5: Summary of Results for Scenario 2

Fiscal Year	Current	16/ 17	17/ 18	18/ 19	19/ 20	20/ 21	21/ 22	22/ 23	23/ 24	24/ 25	25/ 26	Total
Budget Needs (\$M)	N/A	0.20	1.00	1.60	2.60	2.50	2.70	2.60	2.10	2.00	2.00	19.30
Rehabilitation (\$M)	N/A	0.09	0.74	1.52	2.30	2.36	2.68	2.60	2.06	1.42	1.56	17.33
Preventive Maintenance (\$M)	N/A	0.11	0.26	0.08	0.30	0.14	0.02	0.00	0.04	0.58	0.44	1.97
Deferred Maintenance (\$M)	13.95	13.75	13.96	16.09	17.36	18.25	21.04	22.99	24.58	25.52	26.44	N/A
Treated PCI	64	66	64	64	64	64	64	64	64	64	64	N/A



Figure 7: PCI vs. Deferred Maintenance for Scenario 2

Scenario 3: Target PCIs by Functional Classes (\$25.21 Million)

This scenario illustrates a budget required to achieve target PCIs of 72, 71, and 68 for arterials, collectors, and local streets respectively over the next ten years. As a result, the network PCI will increase to 70 and the deferred maintenance increase to \$17.65 million by FY 2025/26. Table 6 and Figure 8 summarize results from Scenario 3.

Table 6: Summary of Results for Scenario 3

Fiscal Year	Current	16/17	17/18	18/19	19/20	20/21	21/22	22/23	23/24	24/25	25/26	Total	
Budget Needs (\$M)	N/A	2.60	2.52	2.50	2.41	2.52	2.50	2.57	2.52	2.58	2.49	25.21	
Rehabilitation (\$M)	N/A	2.45	2.40	2.37	2.30	2.48	2.36	2.56	2.49	2.53	2.28	24.22	
Preventive Maintenance (\$M)	N/A	0.15	0.12	0.13	0.11	0.04	0.14	0.01	0.03	0.05	0.21	0.99	
Deferred Maintenance (\$M)	13.95	11.35	11.01	13.17	15.44	17.11	20.08	19.66	19.32	18.77	17.65	N/A	
Treated PCI	Arterial	71	73	72	71	71	71	71	72	72	72	72	N/A
	Collector	70	71	71	71	71	71	70	72	70	70	71	N/A
	Local	58	66	67	67	66	67	67	66	67	67	68	N/A
	Network PCI	64	69	70	N/A								

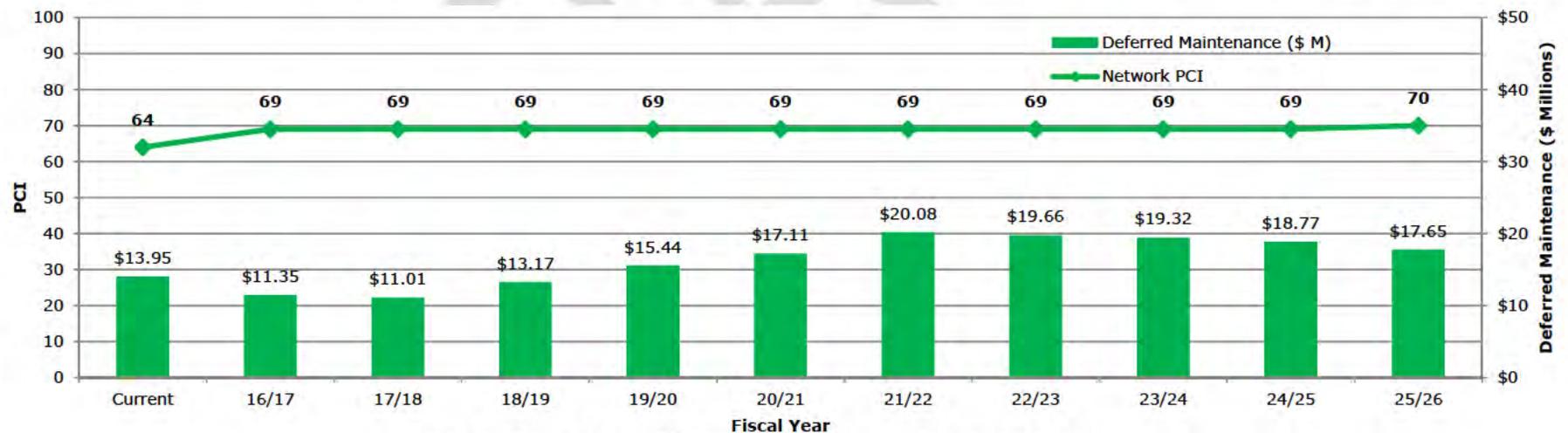


Figure 8: PCI vs. Deferred Maintenance for Scenario 3

Summary

Figure 9 compares the resulting PCI for each of the scenarios. The City’s current budget of \$12 million over the next ten years (Scenario 1) will result in a seven-point decrease from 64 to 57 by FY 2025/26. Scenario 2 shows that a total budget of \$19.3 million will maintain the current network PCI at 64. To achieve a target PCIs for arterials, collectors, and local streets of 72, 71, and 68 respectively, the City will need \$25.21 million over the next ten years (Scenario 3). In turn, the network PCI will increase to 70 with this funding scenario.

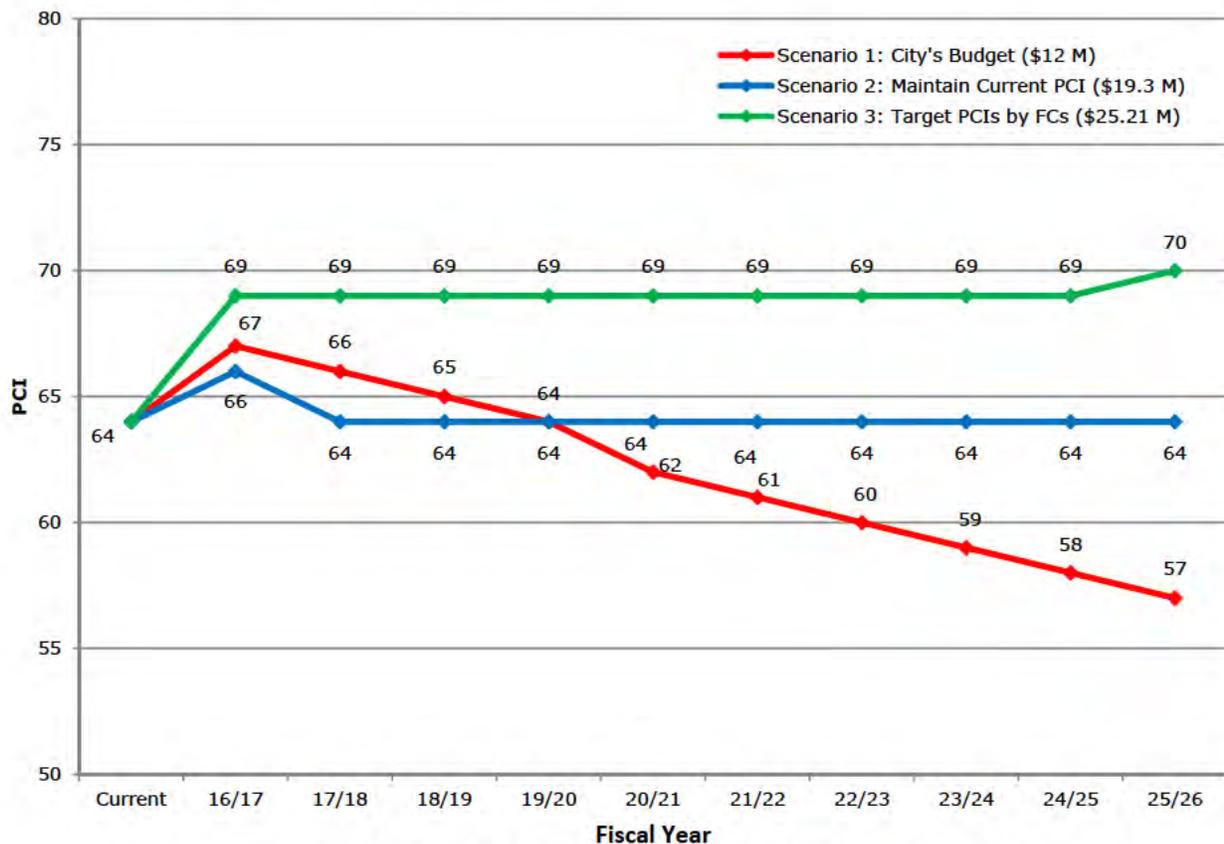


Figure 9: PCI Comparisons between Scenarios

Figure 10 illustrates that all three budget scenarios will show an increase in deferred maintenance in varying degrees over the next ten years, to \$32.35 million, \$26.44 million, and \$17.65 million for Scenarios 1, 2 and 3 respectively.

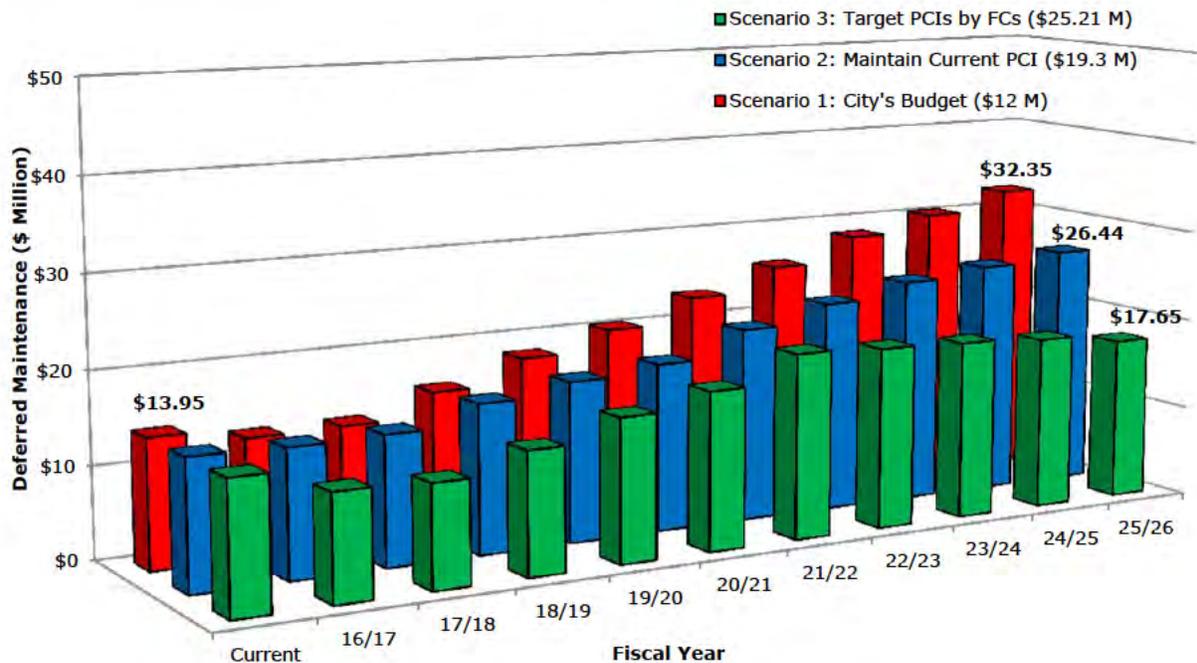


Figure 10: Deferred Maintenance Comparisons between Scenarios

Figure 11 compares the change in the pavement condition distribution for each of the budget scenarios. In Scenario 1, the streets with the highest priority are selected for treatment and the "Good/ Very Good" category increase to two thirds. Unfortunately, the "Very Poor" and "Poor" categories also increase to a third of the network due to limited funding. As the budget amount increase in Scenario 2 and 3, more streets in the "Poor" and "Very Poor" categories will be rehabilitated and their condition improved.

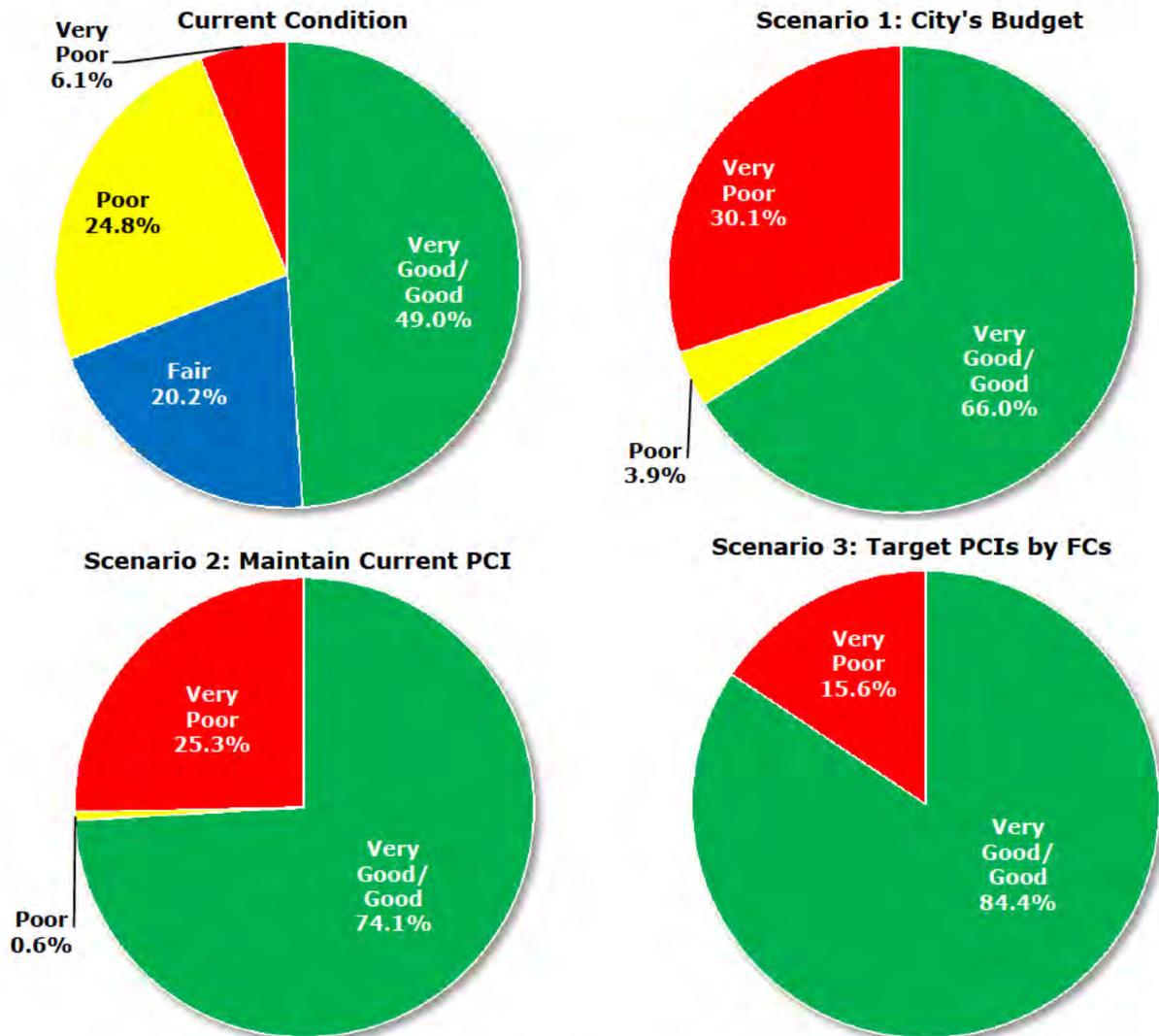


Figure 11: Resulting Pavement Network Condition Breakdown for Budget Scenarios

Conclusions

The City of San Marino has a substantial investment in its street network, which is estimated to have a replacement cost of more than \$82 million. Overall, the streets are in “Fair” condition with an average PCI of 64. More than 69% of the City’s streets are in “Fair” to “Very Good” condition. At current pavement M&R funding levels, the PCI average is expected to decrease to 57 by FY 2025/26.

a. Pavement Funding

The City’s current annual funding level for pavement M&R is approximately \$1.2 million. At this budget level, the network PCI will decrease to 57 by FY 2025/26. In addition, the percentage of streets in the “Very Poor” condition will increase to 30.1%. The resulting deferred maintenance at the end of the analysis period will be \$32.35 million.

If sufficient funding is unavailable for street maintenance and repair, the average PCI is expected to decrease and the deferred maintenance or unfunded backlog will increase. The higher backlog will result in increased future costs as more capital intensive treatments (such as reconstruction) will increase, as repairs are deferred until less expensive treatments (such as surface seals or overlays) are no longer feasible or effective.

As the results show in Scenario 1, the City’s current funding level is inadequate for the network. NCE recommends that the City considers increasing its total ten-year CIP budget to \$19.3 million at a minimum to maintain the current PCI.

It should be noted that a significant unknown is the future cost of rehabilitation; with the recent volatility in oil prices, we would recommend that the City carefully monitor future construction costs and be ready to adapt to large increases if necessary.

b. Pavement Maintenance Strategies

The City’s pavement maintenance strategies include surface seals and overlays. Since a fairly large percentage of pavements are in “Very Good” and “Fair” condition, it is important to preserve good pavements.

Therefore, we recommend that the City maintain current efforts in the preventive maintenance program as outlined in the decision tree i.e. slurry seal, while at the same time, increase the effort to find funding to rehabilitate streets in poor conditions.

c. Re-inspection Strategies

In order to monitor future pavement performance and on-going maintenance needs, it is recommended that arterial and collector streets in the network to be re-inspected every two years, and residential streets every four to five years.

d. Maintenance and Rehabilitation Decision Tree

The maintenance and rehabilitation decision tree and the associated unit costs should be reviewed and updated annually to reflect new construction techniques and changing costs so the funding analysis can be reliable and accurate.

e. Next Steps

To summarize, we recommend that the City consider the following steps:

- Implement alternative maintenance treatments as technology changes.
- Update the pavement management program regularly.
- Review and update maintenance and rehabilitation decision tree and associated unit costs annually.
- Pursue additional pavement funding sources to ensure that Scenario 2 is feasible. Some examples of funding sources are listed below:

Federal

- Highway Safety Improvement Program (HSIP)
- Regional Surface Transportation Program (RSTP)
- Active Transportation Program (ATP)
- Transportation Enhancement Activities (TEA)

State

- State Transportation Improvement Program (STIP)
- Safe Routes to School (SR2S)
- State Local Partnership Program (SLPP)
- Transportation Development Act (TDA)

Local

- General funds
- Local sales taxes
- Development Impact Fees
- Traffic impact fees
- Utility tax
- Transportation mitigation fees
- Parking and various permit fees
- Parcel taxes

APPENDIX A

Section Description Inventory



Section Description Inventory Report

This report lists a variety of section description information for each of the City's pavement sections. It lists the street and section identifiers, limits, functional class, surface type, lengths, widths, Inspected 2016 PCI.

All of the City's pavement sections are included in the report. The report is sorted alphabetically by Street Name and Section ID. The field descriptions in this report are listed below:

COLUMN	DESCRIPTION
Street Name	Street Name - The name of the street as indicated by street signs in the field.
Section ID	Section Identification - A code up to ten characters/digits to identify the section number. The Section ID must be unique for each section of one street.
From	Beginning limit of the section.
To	Ending limit of the section.
Functional Class (FC)	Functional Classification (A = Arterial, C = Collector, R = Residential).
Surface Type	Surface Type (A = AC Pavement, O = AC Overlay of AC Pavement, C = AC Overlay of PCC Pavement, P = PCC Pavement, ST = Surface treatment over gravel base/subgrade).
Length (ft)	Length of the section in feet.
Width (ft)	Average width of the section in feet.
Area (sf)	Area of the section in square feet.
PCI	Average PCI for the section. The value is projected for 2016 and is based on the last calculated PCI (i.e. from inspection or maintenance data).
Inspection Date	The last inspection date or rehabilitation date.

**Section Description Inventory
Sorted by Street Name**



Street Name	Section ID	From	To	FC	Surface Type	Length (ft)	Width (ft)	Area (sf)	PCI	Inspection Date
ADAIR STREET	010	OLD MILL RD	ST. ALBANS	R	A	1,040	45	46,800	55	2/3/2016
ADAIR STREET	020	WESTHAVEN RD	SAN MARINO AVE	R	A	700	37	25,900	55	2/3/2016
ADAIR STREET	030	SAN MARINO AVE	RIDGEWAY RD	R	A	570	37	21,090	41	2/3/2016
ADAIR STREET	040	RIDGEWAY RD	KENILWORTH AVE	R	A	570	37	21,090	40	2/3/2016
ADAIR STREET	050	KENILWORTH AVE	DEL MAR AVE	R	A	430	32	13,760	33	2/3/2016
AFTON ROAD	010	GRANADA AVE	OAK KNOLL AVE	R	A	630	45	28,350	39	2/3/2016
ALEGRIA PLACE	010	CUL-DE-SAC	CALIFORNIA BLVD	R	A	300	33	9,900	98	2/2/2016
ALHAMBRA ROAD	010	LORAIN RD	S.C.L.	R	A	270	37	9,990	65	2/2/2016
ALHAMBRA ROAD	020	SHERWOOD RD	VIRGINIA RD	C	A	560	37	20,720	81	2/2/2016
ALLEN AVENUE	010	LOMBARDY RD	ORLANDO RD	A	A	430	35	15,050	100	2/2/2016
ALLEN AVENUE	020	CALIFORNIA BLVD	LOMBARDY RD	A	A	550	35	19,250	100	2/2/2016
ALLEN AVENUE	030	N.C.L.	CALIFORNIA BLVD	R	A	330	35	11,550	100	2/2/2016
ALPINE DRIVE	010	LORAIN RD	SHERWOOD RD	R	A	575	32	18,400	48	2/11/2016
ARDMORE ROAD	010	EL MOLINO AVE	N.C.L.	R	A	350	32	11,200	54	2/11/2016
ASHBOURNE DRIVE	010	W END	LOS ROBLES	R	A	950	33	31,350	38	2/11/2016
AVONDALE ROAD	010	ORLANDO RD	ORLANDO RD	R	A	2,000	37	74,000	47	2/5/2016
AVONREA ROAD	010	CUL-DE-SAC	N/O Oak St	R	A	790	33	26,070	61	2/5/2016
BANNING WAY	010	MONTEREY RD	N.C.L.	R	A	350	27	9,450	29	2/10/2016
BEDFORD ROAD	010	HUNTINGTON DR	WEST DR	R	A	1,400	32	44,800	88	1/29/2016
BEDFORD ROAD	020	MONTEREY RD	HUNTINGTON	R	A	530	37	19,610	55	1/29/2016
BEDFORD ROAD	030	EUSTON RD	MONTEREY RD	R	A	750	37	27,750	43	1/29/2016
BELHAVEN AVENUE	010	HUNTINGTON DR	LORAIN RD	R	A	1,430	33	47,190	70	2/8/2016
BELLWOOD ROAD	010	HUNTINGTON DR	LORAIN RD	R	A	1,750	33	57,750	70	2/8/2016
BERKELEY AVENUE	010	N.C.L.	CALIFORNIA BLVD	R	A	330	32	10,560	43	2/2/2016
BLACKSTONE ROAD	010	HUNTINGTON DR	KINGHURST	R	A	1,150	33	37,950	69	2/8/2016
BONITA AVENUE	010	N.C.L.	CALIFORNIA BLVD	R	A	500	32	16,000	94	2/2/2016
BRADBURY ROAD	010	HUNTINGTON DR	MELVILLE DR	R	A	1,675	32	53,600	89	2/8/2016
BRENTFORD ROAD	010	CUL-DE-SAC	E/O SAN MARINO AVE	R	A	675	36	24,300	91	2/1/2016
BUENA VISTA STREET	010	LOS FLORES AVE	N.C.L.	R	A	570	27	15,390	44	2/11/2016
CALIFORNIA BLVD	010	W.C.L.	ALLEN AVE	A	A	225	42	9,450	78	2/2/2016
CALIFORNIA BLVD	020	ALLEN AVE	530' EAST	A	A	550	37	20,350	69	2/2/2016
CALIFORNIA BLVD	030	100' WEST OF GREENWOOD AVE	SAN MARINO AVE	A	O	825	37	30,525	63	2/2/2016
CALIFORNIA BLVD	040	SAN MARINO AVE	SIERRA MADRE BLVD	A	O	2,045	37	75,665	54	2/2/2016
CALIFORNIA BLVD	050	SIERRA MADRE BLVD	WINSTON AVE	A	O	400	45	18,000	57	2/2/2016



Street Name	Section ID	From	To	FC	Surface Type	Length (ft)	Width (ft)	Area (sf)	PCI	Inspection Date
CALIFORNIA BLVD	060	WINSTON AVE	SANTA ANITA AVE	A	O	400	45	18,000	65	2/2/2016
CALIFORNIA BLVD	070	SANTA ANITA AVE	SAN GABRIEL BLVD	A	O	1,345	53	71,285	51	2/2/2016
CALLITA PLACE	490	GARFIELD AVE	E. CDS	R	A	183	29	5,307	32	2/5/2016
CAMBRIDGE ROAD	010	MONTEREY RD	HUNTINGTON DR	R	A	580	37	21,460	48	2/9/2016
CAMBRIDGE ROAD	020	EUSTON RD	MONTEREY RD	R	A	800	37	29,600	48	2/9/2016
CAMERON DRIVE	010	N.C.L.	ORLANDO RD	R	A	275	25	6,875	35	2/5/2016
CANON DRIVE	010	W.C.L.	VIRGINIA RD	R	A	830	14	11,620	19	2/9/2016
CANTERBURY ROAD	010	CALIFORNIA BLVD	LOMBARDY RD	R	A	600	37	22,200	65	2/5/2016
CANTERBURY ROAD	020	LOMBARDY RD	CHAUCER RD	R	A	650	37	24,050	64	2/5/2016
CANTERBURY ROAD	030	CHAUCER RD	SIERRA MADRE BLVD	R	A	750	37	27,750	52	2/5/2016
CANTERBURY ROAD	040	SIERRA MADRE BLVD	WINSTON AVE	R	A	350	37	12,950	81	2/5/2016
CANTERBURY ROAD	050	WINSTON AVE	SANTA ANITA AVE	R	A	425	37	15,725	85	2/5/2016
CANTERBURY ROAD	060	SANTA ANITA AVE	PALOMAR RD	R	A	1,275	33	42,075	55	2/5/2016
CANTERBURY ROAD	070	PALOMAR RD	SAN GABRIEL BLVD	R	A	380	33	12,540	60	2/5/2016
CARLARIS ROAD	010	EL MOLINO AVE	RAMIRO RD	R	A	830	32	26,560	98	2/11/2016
CARLISLE DRIVE	010	SHERWOOD RD	LORAIN RD	R	A	530	32	16,960	50	2/9/2016
CHANDLER PLACE	010	CUL-DE-SAC	W/O OAK GROVE AVE	R	A	430	25	10,750	69	2/9/2016
CHARLTON ROAD	010	MONTEREY RD	HUNTINGTON DR	R	A	675	37	24,975	71	2/9/2016
CHARLTON ROAD	020	EUSTON RD	MONTEREY RD	R	A	650	37	24,050	72	2/9/2016
CHAUCER ROAD	010	SAN MARINO AVE	CHESTER AVE	R	A	900	37	33,300	46	2/1/2016
CHAUCER ROAD	020	CHESTER AVE	CANTERBURY RD	R	A	400	37	14,800	45	2/1/2016
CHAUCER ROAD	030	CANTERBURY RD	LOMBARDY RD	R	A	550	37	20,350	43	2/1/2016
CHAUCER ROAD	040	LOMBARDY RD	CALIFORNIA BLVD	R	A	600	37	22,200	53	2/1/2016
CHELSEA ROAD	010	ROANOKE RD	OLD MILL RD	R	O	450	47	21,150	71	2/10/2016
CHELSEA ROAD	020	HUNTINGTON DR	ROANOKE RD	R	O	525	47	24,675	68	2/10/2016
CHELSEA ROAD	030	OLD MILL RD	HUNTINGTON DR	R	O	1,330	47	62,510	43	2/10/2016
CHESTER AVENUE	010	CHAUCER RD	ROBLES AVE	R	A	750	37	27,750	50	2/4/2016
CHESTER AVENUE	020	LOMBARDY RD	CHAUCER RD	R	A	1,073	37	39,701	49	2/4/2016
CHESTER AVENUE	030	CALIFORNIA BLVD	LOMBARDY RD	R	A	550	37	20,350	62	2/4/2016
CIRCLE DRIVE	010	VIRGINIA RD	OAK GROVE AVE	R	A	2,000	23	46,000	37	2/9/2016
CONISTON PLACE	010	RIDGEWAY RD	KENILWORTH AVE	R	A	375	32	12,000	87	2/9/2016
CONISTON PLACE	020	KENILWORTH AVE	WILBURY RD	R	A	630	32	20,160	80	2/9/2016
COURTLAND AVENUE	010	OAK KNOLL AVE	MONTEREY RD	R	A	1,175	32	37,600	34	2/10/2016
CUMBERLAND ROAD	790	GAINSBOROUGH DR	PALOMAR RD	R	A	1,067	33	35,211	83	2/5/2016



Street Name	Section ID	From	To	FC	Surface Type	Length (ft)	Width (ft)	Area (sf)	PCI	Inspection Date
CUMBERLAND ROAD	800	RIDGEWAY RD	KENILWORTH AVE	R	A	449	33	14,817	88	2/5/2016
CUMBERLAND ROAD	810	KENILWORTH AVE	WINSTON AVE	R	A	969	31	30,039	80	2/5/2016
DARBY ROAD	010	GRANADA AVE	OAK KNOLL AVE	R	A	1,150	45	51,750	67	2/9/2016
DEL MAR AVENUE	010	HUNTINGTON DR	LORAIN RD	A	A	2,150	54	116,100	37	2/9/2016
DEL MAR AVENUE	020	LORAIN RD	LONGDEN AVE	A	A	1,500	54	81,000	31	2/3/2016
DEVONPORT ROAD	010	SANTA ANITA AVE	PALOMAR RD	R	A	970	33	32,010	66	2/2/2016
DEVONPORT ROAD	020	PALOMAR RD	SAN GABRIEL BLVD	R	A	625	33	20,625	72	2/2/2016
DORESTA ROAD	010	EL MOLINO AVE	N.C.L.	R	A	650	33	21,450	98	2/11/2016
DUARTE ROAD	010	LORAIN RD	ROSE AVE	R	O	450	45	20,250	90	2/3/2016
DUARTE ROAD	020	ROSE AVE	150' EAST	C	A	100	45	4,500	71	2/11/2016
DUARTE ROAD	030	150' EAST OF ROSE AVE	HILLARD DR	C	A	275	45	12,375	73	2/3/2016
DUARTE ROAD	040	HILLARD DR	SAN GABRIEL BLVD	C	A	325	45	14,625	56	2/3/2016
DURKLYN CT	010	BEDFORD RD	S. CDS	R	A	340	32	10,880	73	2/5/2016
EL MOLINO AVENUE	010	PASQUALITO DR	HUNTINGTON DR	A	A	380	32	12,160	53	2/11/2016
EL MOLINO AVENUE	020	WILSON AVE	PASQUALITO DR	A	A	450	27	12,150	63	2/11/2016
EL MOLINO AVENUE	030	WINTHROP RD	WILSON AVE	C	O	450	32	14,400	95	2/11/2016
EL MOLINO AVENUE	040	PLYMOUTH RD	WINTHROP RD	A	A	250	32	8,000	12	2/11/2016
EL MOLINO AVENUE	050	LA MIRADA AVE	PLYMOUTH RD	A	A	250	32	8,000	14	2/11/2016
EL MOLINO AVENUE	060	MONTEREY RD	LA MIRADA AVE	A	A	250	32	8,000	66	2/11/2016
EL MOLINO AVENUE	070	MISSION ST	MONTEREY RD	C	A	725	32	23,200	14	2/11/2016
EL MOLINO AVENUE	080	N.C.L.	MISSION ST	A	A	650	32	20,800	25	2/11/2016
EL MOLINO PLACE	010	PASQUALITO DR	HUNTINGTON DR	R	A	350	32	11,200	38	5/13/2016
EL MOLINO PLACE	020	WILSON AVE	PASQUALITO DR	R	A	450	32	14,400	87	2/11/2016
ENCINO DRIVE	010	W.C.L.	VIRGINIA RD	R	A	500	13	6,500	78	2/9/2016
ENDICOTT ROAD	010	SHEFFIELD RD	SOMERSET PL	R	A	500	33	16,500	70	2/1/2016
EUCLID AVE	010	MISSION ST	MONTEREY RD	R	O	1,425	27	38,475	94	2/1/2016
EUCLID AVE	020	BUENA VISTA ST	MISSION ST	R	A	925	27	24,975	45	2/1/2016
EUSTON ROAD	010	VIRGINIA RD	WEMBLEY RD	C	A	1,760	32	56,320	57	2/4/2016
EUSTON ROAD	020	WEMBLEY RD	WAVERLY RD	C	A	890	37	32,930	24	2/4/2016
EUSTON ROAD	030	WAVERLY RD	OXFORD RD	C	A	1,186	37	43,882	71	2/4/2016
EUSTON ROAD	040	OXFORD RD	SAN MARINO AVE	C	A	425	37	15,725	69	2/4/2016
FAIRFIELD PLACE	010	CUL-DE-SAC	E/O SANTA ANITA AVE	R	A	450	33	14,850	84	2/2/2016
FLEUR DRIVE	010	EL MOLINO AVE	RAMIRO RD	R	A	750	27	20,250	91	3/22/2016
GAINSBOROUGH DRIVE	010	HUNTINGTON DR	PALOMAR RD	R	A	1,900	41	77,900	72	2/5/2016



Street Name	Section ID	From	To	FC	Surface Type	Length (ft)	Width (ft)	Area (sf)	PCI	Inspection Date
GAINSBOROUGH DRIVE	020	PALOMAR RD	SAN GABRIEL BLVD	R	A	380	41	15,580	79	2/5/2016
GARFIELD AVENUE	1160	MONTEREY RD	CALLITA PL	A	A	986	42	41,412	99	2/4/2016
GARFIELD AVENUE	1170	CALLITA PL	OAK ST	A	A	921	42	38,682	99	2/5/2016
GARFIELD AVENUE	1180	OAK ST	HUNTINGTON DR	A	A	591	43	25,413	99	2/5/2016
GRANADA AVENUE	010	260' SOUTH OF HUNTINGTON DR	ROXBURY RD	A	O	1,670	37	61,790	79	2/9/2016
GRANADA AVENUE	020	ROXBURY RD	S.C.L.	A	O	843	37	31,191	81	2/9/2016
GRANADA AVENUE	030	WILSON AVE	HUNTINGTON DR	C	A	870	37	32,190	88	2/9/2016
GRANADA AVENUE	040	HUNTINGTON DR	260' SOUTH OF HUNTINGTON DR	A	O	260	37	9,620	69	2/5/2016
GREENWOOD AVENUE	010	N.C.L.	CALIFORNIA BLVD	R	A	330	32	10,560	38	2/2/2016
HAMPTON ROAD	010	EUSTON RD	MONTEREY RD	R	A	650	33	21,450	58	2/9/2016
HILLIARD DRIVE	010	DUARTE RD	WOODLAWN AVE	R	A	570	35	19,950	81	2/1/2016
HILLIARD DRIVE	020	ROSE AVE	DUARTE RD	R	A	440	35	15,400	80	2/1/2016
HOLLADAY ROAD	010	N.C.L.	ORLANDO RD	R	A	170	48	8,160	34	2/10/2016
HOMET ROAD	010	SAN MARINO AVE	BONITA AVE	R	A	1,230	38	46,740	52	2/1/2016
HUNTINGTON DRIVE E/B	1340	GRANADA AVE	CHELSEA RD	A	A	1,147	53	60,791	80	2/5/2016
HUNTINGTON DRIVE E/B	1350	CHELSEA RD	OLD MILL RD	A	A	950	53	50,350	99	2/5/2016
HUNTINGTON DRIVE E/B	1360	OLD MILL RD	269 W. OF ST ALBANS RD	A	A	229	39	8,931	85	2/5/2016
HUNTINGTON DRIVE E/B	1364	269 W. OF ST ALBANS RD	50 E. OF ST. ALBANS RD.	A	P	319	39	12,441	84	2/4/2016
HUNTINGTON DRIVE E/B	1370	50 E/O ST. ALBANS RD.	WARWICK RD	A	A	814	39	31,746	100	2/5/2016
HUNTINGTON DRIVE E/B	1380	WARWICK RD	PCC	A	A	128	39	4,992	100	2/5/2016
HUNTINGTON DRIVE E/B	1383	282 W. OF VIRGINIA RD.	53 E. OF VIRGINIA RD.	A	P	332	39	12,948	90	2/5/2016
HUNTINGTON DRIVE E/B	1389	53 E. OF VIRGINIA RD.	CHARLTON RD.	A	A	396	39	15,444	100	2/4/2016
HUNTINGTON DRIVE E/B	1390	CHARLTON RD	WEMBLEY RD	A	A	826	39	32,214	99	2/5/2016
HUNTINGTON DRIVE E/B	1400	WEMBLEY RD	CAMBRIDGE RD	A	A	399	37	14,763	100	2/5/2016
HUNTINGTON DRIVE E/B	1410	CAMBRIDGE RD	BEDFORD RD	A	O	817	37	30,229	97	2/5/2016
HUNTINGTON DRIVE E/B	1420	BEDFORD RD	MONTEREY RD	A	O	913	57	52,041	91	2/5/2016
HUNTINGTON DRIVE E/B	1430	MONTEREY RD	RIDGEWAY RD	A	O	447	69	30,843	87	2/4/2016
HUNTINGTON DRIVE E/B	1440	RIDGEWAY RD	KENILWORTH AVE	A	O	838	57	47,766	97	2/5/2016
HUNTINGTON DRIVE E/B	1450	KENILWORTH AVE	DEL MAR AVE	A	O	925	51	47,175	97	2/4/2016
HUNTINGTON DRIVE E/B	1460	DEL MAR AVE	MIRASOL DR	A	A	929	46	42,734	100	2/5/2016
HUNTINGTON DRIVE E/B	1470	MIRASOL DR	BELLWOOD RD	A	A	724	46	33,304	100	2/4/2016
HUNTINGTON DRIVE E/B	1480	BELLWOOD RD	BLACKSTONE RD	A	A	684	46	31,464	98	2/4/2016
HUNTINGTON DRIVE E/B	1490	BLACKSTONE RD	306 W. OF SAN GABRIEL BLVD	A	A	265	46	12,190	100	2/4/2016
HUNTINGTON DRIVE E/B	1495	306 W OF SAN GABRIEL BLVD.	SAN GABRIEL BLVD.	A	P	306	51	15,606	90	2/5/2016



Street Name	Section ID	From	To	FC	Surface Type	Length (ft)	Width (ft)	Area (sf)	PCI	Inspection Date
HUNTINGTON DRIVE W/B	1500	GARFIELD AVE	MONTEREY ST	A	O	745	42	31,290	83	2/4/2016
HUNTINGTON DRIVE W/B	1510	MONTEREY ST	STORY PL	A	O	695	34	23,630	80	2/4/2016
HUNTINGTON DRIVE W/B	1520	STORY PL	EL MOLINO PL	A	O	698	34	23,732	66	2/4/2016
HUNTINGTON DRIVE W/B	1530	EL MOLINO PL	GRANADA AVE	A	O	864	34	29,376	47	2/4/2016
HUNTINGTON DRIVE W/B	1540	GRANADA AVE	CHELSEA RD	A	A	1,147	44	50,468	23	2/5/2016
HUNTINGTON DRIVE W/B	1550	CHELSEA RD	OLD MILL RD	A	A	950	44	41,800	27	2/5/2016
HUNTINGTON DRIVE W/B	1560	OLD MILL RD	50 W. OF ST. ALBANS RD	A	A	448	43	19,264	33	2/4/2016
HUNTINGTON DRIVE W/B	1564	50 W. OF ST. ALBANS RD	269 E/O ST ALBANS RD	A	P	319	42	13,398	89	2/5/2016
HUNTINGTON DRIVE W/B	1570	269 E/O ST ALBANS RD	WARWICK RD	A	A	595	42	24,990	26	2/5/2016
HUNTINGTON DRIVE W/B	1580	WARWICK RD	52 W/O VIRGINIA RD.	A	A	358	43	15,394	43	2/5/2016
HUNTINGTON DRIVE W/B	1583	52 W/O VIRGINIA RD.	283 E/O VIRGINIA RD.	A	P	333	42	13,986	91	2/5/2016
HUNTINGTON DRIVE W/B	1589	283 E/O VIRGINIA RD.	CHARLTON RD	A	A	239	38	9,082	36	2/5/2016
HUNTINGTON DRIVE W/B	1590	CHARLTON RD	WEMBLEY RD	A	A	826	37	30,562	23	2/4/2016
HUNTINGTON DRIVE W/B	1600	WEMBLEY RD	CAMBRIDGE RD	A	A	399	37	14,763	44	2/5/2016
HUNTINGTON DRIVE W/B	1610	CAMBRIDGE RD	BEDFORD RD	A	A	817	37	30,229	36	2/5/2016
HUNTINGTON DRIVE W/B	1620	BEDFORD RD	MONTEREY RD	A	A	913	75	68,475	43	2/5/2016
HUNTINGTON DRIVE W/B	1630	MONTEREY RD	RIDGEWAY RD	A	O	447	75	33,525	71	2/4/2016
HUNTINGTON DRIVE W/B	1640	RIDGEWAY RD	KENILWORTH AVE	A	O	838	51	42,738	50	2/5/2016
HUNTINGTON DRIVE W/B	1650	KENILWORTH AVE	DEL MAR AVE	A	O	925	51	47,175	59	2/4/2016
HUNTINGTON DRIVE W/B	1660	DEL MAR AVE	MIRASOL DR	A	A	929	52	48,308	100	2/4/2016
HUNTINGTON DRIVE W/B	1670	MIRASOL DR	BELLWOOD RD	A	O	724	52	37,648	100	2/4/2016
HUNTINGTON DRIVE W/B	1680	BELLWOOD RD	BLACKSTONE RD	A	O	684	52	35,568	100	2/5/2016
HUNTINGTON DRIVE W/B	1690	BLACKSTONE RD	97 W. OF SAN GABRIEL BLVD	A	O	474	52	24,648	100	2/5/2016
HUNTINGTON DRIVE W/B	1695	97 W. OF SAN GABRIEL BLVD.	SAN GABRIEL BLVD.	A	P	97	74	7,178	80	2/5/2016
HUNTINGTON FRONTAGE W/B	1700	HUNTINGTON DR	EL MOLINO AVE	C	A	591	17	10,047	65	2/4/2016
HUNTINGTON FRONTAGE W/B	1710	EL MOLINO AVE	LOS ROBLES AVE	C	A	1,536	17	26,112	62	2/4/2016
HUNTLEY CIRCLE	010	W. CDS	SIERRA MADRE BLVD	R	A	508	33	16,764	62	2/4/2016
KENILWORTH AVENUE	010	SHERWOOD RD	LORAIN RD	R	A	325	37	12,025	56	2/8/2016
KENILWORTH AVENUE	020	ADAIR ST	SHERWOOD RD	R	A	425	37	15,725	59	2/8/2016
KENILWORTH AVENUE	030	MELVILLE DR	ADAIR ST	R	A	440	37	16,280	52	2/8/2016
KENILWORTH AVENUE	040	ROANOKE RD	MELVILLE DR	R	A	430	37	15,910	44	2/8/2016
KENILWORTH AVENUE	050	HUNTINGTON DR	ROANOKE RD	R	A	370	37	13,690	35	2/8/2016
KENILWORTH AVENUE	060	CUMBERLAND RD	HUNTINGTON DR	R	A	325	32	10,400	72	2/8/2016
KENILWORTH AVENUE	070	CONISTON PL	CUMBERLAND RD	R	A	300	32	9,600	79	2/8/2016



Street Name	Section ID	From	To	FC	Surface Type	Length (ft)	Width (ft)	Area (sf)	PCI	Inspection Date
KENILWORTH AVENUE	080	RIDGEWAY RD	CONISTON PL	R	A	300	32	9,600	80	2/8/2016
KENILWORTH AVENUE	090	SIERRA MADRE BLVD	RIDGEWAY RD	R	A	350	32	11,200	73	2/8/2016
KENSINGTON ROAD	010	MONTEREY RD	HUNTINGTON DR	R	A	635	37	23,495	76	2/8/2016
KENSINGTON ROAD	020	EUSTON RD	MONTEREY RD	R	A	675	37	24,975	91	2/8/2016
KERNS AVE	010	SHEFFIELD RD	S.C.L.	R	A	630	33	20,790	70	2/1/2016
KEWEN PLACE	010	CUL-DE-SAC	W/O OAK GROVE AVE	R	A	425	25	10,625	64	2/9/2016
KINGHURST ROAD	010	VANDYKE RD	BELHAVEN RD	R	A	780	33	25,740	70	2/8/2016
LA CALA PLACE	010	CUL-DE-SAC	N/O WILSON AVE	R	A	350	36	12,600	54	2/11/2016
LA MIRADA AVENUE	010	W/O LOS ROBLES AVE	LOS ROBLES AVE	R	A	300	30	9,000	40	1/28/2016
LA MIRADA AVENUE	020	LOS ROBLES AVE	EL MOLINO AVE	R	A	750	28	21,000	66	1/28/2016
LA MIRADA AVENUE	030	EL MOLINO AVE	VERANDA PL	R	A	450	30	13,500	66	1/28/2016
LA PAZ DRIVE	010	N.C.L.	CALIFORNIA BLVD	R	A	370	28	10,360	85	2/2/2016
LAS FLORES AVENUE	010	BUENA VISTA ST	MISSION ST	R	A	900	27	24,300	53	2/11/2016
LOMBARDY PLACE	010	CUL-DE-SAC	LOMBARDY RD	R	A	450	33	14,850	71	2/2/2016
LOMBARDY ROAD	010	W.C.L.	ALLEN AVE	C	A	200	23	4,600	49	2/2/2016
LOMBARDY ROAD	020	ALLEN AVE	250' EAST	A	A	250	23	5,750	41	2/2/2016
LOMBARDY ROAD	030	250' E/O ALLEN	SAN MARINO AVE	A	A	1,050	37	38,850	22	2/2/2016
LOMBARDY ROAD	040	SAN MARINO AVE	CHESTER AVE	A	A	425	37	15,725	43	2/2/2016
LOMBARDY ROAD	050	CHESTER AVE	CANTERBURY RD	A	A	475	37	17,575	29	5/13/2016
LOMBARDY ROAD	060	CANTERBURY RD	CHAUCER RD	A	A	500	37	18,500	5	2/2/2016
LOMBARDY ROAD	070	CHAUCER RD	SIERRA MADRE BLVD	A	A	475	37	17,575	8	2/2/2016
LOMBARDY ROAD	080	SIERRA MADRE BLVD	WINSTON AVE	A	A	330	37	12,210	43	2/2/2016
LOMBARDY ROAD	090	WINSTON AVE	SANTA ANITA AVE	A	A	350	37	12,950	40	2/2/2016
LOMBARDY ROAD	100	SANTA ANITA AVE	SAN GABRIEL BLVD	A	A	1,430	37	52,910	43	2/2/2016
LONGDEN DR (WB)	010	DEL MAR AVE	SAN MARINO AVE	C	A	1,297	18	23,346	47	2/5/2016
LORAIN ROAD	010	SHERWOOD RD	ST. ALBANS	C	A	1,570	45	70,650	83	1/29/2016
LORAIN ROAD	020	ST. ALBANS	ALHAMBRA RD	C	O	1,350	45	60,750	81	1/29/2016
LORAIN ROAD	030	ALHAMBRA RD	WEST DR	C	O	1,150	45	51,750	76	1/29/2016
LORAIN ROAD	040	WEST DR	WEST HAVEN RD	C	A	1,100	45	49,500	26	2/9/2016
LORAIN ROAD	050	WEST HAVEN RD	SAN MARINO AVE	C	A	944	45	42,480	100	1/29/2016
LORAIN ROAD	060	SAN MARINO AVE	DEL MAR AVE	C	A	1,080	45	48,600	100	1/29/2016
LORAIN ROAD	070	DEL MAR AVE	MELVILLE DR	C	A	1,650	45	74,250	100	1/29/2016
LORAIN ROAD	080	MELVILLE DR	1,150' EAST	C	A	1,150	32	36,800	100	2/2/2016
LORAIN ROAD	090	1,150' E/O MELVILLE DR	E.C.L.	C	A	400	45	18,000	100	1/29/2016



Street Name	Section ID	From	To	FC	Surface Type	Length (ft)	Width (ft)	Area (sf)	PCI	Inspection Date
LOS ARBOLES PLACE	010	CUL-DE-SAC	N/O CALIFORNIA BLVD	R	A	340	33	11,220	92	3/23/2016
LOS ROBLES AVENUE	010	WILSON AVE	HUNTINGTON DR	A	O	1,000	41	41,000	82	3/23/2016
LOS ROBLES AVENUE	020	LA MIRADA AVE	WILSON AVE	A	O	1,050	32	33,600	87	1/28/2016
LOS ROBLES AVENUE	030	MONTEREY RD	LA MIRADA AVE	A	O	300	32	9,600	94	1/28/2016
LOS ROBLES AVENUE	040	MISSION ST	MONTEREY RD	A	O	1,180	32	37,760	78	1/28/2016
LOS ROBLES AVENUE	050	N.C.L.	MISSION ST	A	O	1,105	37	40,885	88	1/28/2016
MARINO TERRACE	010	CUL-DE-SAC	N/O MONTEREY RD	R	A	380	33	12,540	37	1/28/2016
MC FARLANE STREET	010	CUL-DE-SAC	W/O EUCLID AVE	R	A	575	33	18,975	97	2/11/2016
MELVILLE DRIVE	010	WESTHAVEN RD	SAN MARINO AVE	R	A	650	37	24,050	72	2/3/2016
MELVILLE DRIVE	020	SAN MARINO AVE	RIDGEWAY RD	R	A	630	37	23,310	78	2/3/2016
MELVILLE DRIVE	030	RIDGEWAY RD	KENILWORTH AVE	R	A	640	37	23,680	69	2/3/2016
MELVILLE DRIVE	040	KENILWORTH AVE	DEL MAR AVE	R	A	400	37	14,800	66	2/3/2016
MELVILLE DRIVE	050	DEL MAR AVE	CUL-DE-SAC	R	A	260	31	8,060	97	2/3/2016
MELVILLE DRIVE	060	RUBIO DR	LORAIN RD	R	A	990	37	36,630	39	5/13/2016
MESA ROAD	010	VIRGINIA RD	OAK GROVE AVE	R	A	650	27	17,550	35	2/9/2016
MILL CANYON ROAD	010	CUL-DE-SAC	N/O MILL LANE	R	A	450	27	12,150	96	2/4/2016
MILL LANE	010	OLD MILL RD	CITY PARK	C	A	950	32	30,400	96	2/4/2016
MILL LANE	020	CITY PARK	VIRGINIA RD	C	A	150	37	5,550	90	2/4/2016
MIRASOL DRIVE	010	HUNTINGTON DR	RUBIO DR	R	A	1,300	32	41,600	68	2/8/2016
MISSION DRIVE	010	LORAIN RD	S.C.L.	A	A	180	32	5,760	81	2/9/2016
MISSION STREET	010	EUCLID AVE	LOS ROBLES AVE	R	A	440	52	22,880	33	2/11/2016
MISSION STREET	020	W.C.L.	EUCLID AVE	R	A	420	52	21,840	39	2/11/2016
MISSION STREET	030	LOS ROBLES AVE	EL MOLINO AVE	R	A	510	55	28,050	69	2/11/2016
MONTECITO DR	010	SAN MARINO AVE	SIERRA MADRE BLVD	R	A	1,480	33	48,840	62	2/8/2016
MONTEREY PLACE	010	CUL-DE-SAC	S/O MONTEREY PL	R	A	225	33	7,425	69	1/28/2016
MONTEREY ROAD	010	W.C.L.	LOS ROBLES AVE	A	A	850	37	31,450	98	1/28/2016
MONTEREY ROAD	020	LOS ROBLES AVE	EL MOLINO AVE	A	A	650	37	24,050	54	1/28/2016
MONTEREY ROAD	030	EL MOLINO AVE	RAMIRO RD	A	A	891	37	32,967	84	1/28/2016
MONTEREY ROAD	040	RAMIRO RD	OAK KNOLL AVE	A	A	809	37	29,933	35	2/4/2016
MONTEREY ROAD	050	OAK KNOLL AVE	OLD MILL RD	A	A	1,300	27	35,100	82	1/28/2016
MONTEREY ROAD	060	OLD MILL RD	ST. ALBANS RD	A	A	700	47	32,900	59	1/28/2016
MONTEREY ROAD	070	ST. ALBANS RD	VIRGINIA RD	A	A	1,550	47	72,850	65	1/28/2016
MONTEREY ROAD	080	VIRGINIA RD	CHARLTON RD	A	A	440	45	19,800	62	1/28/2016
MONTEREY ROAD	090	CHARLTON RD	KENSINGTON RD	A	A	430	45	19,350	62	1/28/2016



City of San Marino
Pavement Management Program 2016 Update
Section Description Inventory

Sorted by Street Name

Street Name	Section ID	From	To	FC	Surface Type	Length (ft)	Width (ft)	Area (sf)	PCI	Inspection Date
MONTEREY ROAD	100	KENSINGTON RD	WEMBLEY RD	A	A	550	45	24,750	40	1/28/2016
MONTEREY ROAD	110	WEMBLEY RD	CAMBRIDGE RD	A	A	420	45	18,900	41	1/28/2016
MONTEREY ROAD	120	CAMBRIDGE RD	WAVERLY RD	A	A	400	45	18,000	81	1/28/2016
MONTEREY ROAD	130	WAVERLY RD	BEDFORD RD	A	A	420	45	18,900	75	1/28/2016
MONTEREY ROAD	140	BEDFORD RD	WESTHAVEN RD	A	A	420	45	18,900	100	1/28/2016
MONTEREY ROAD	150	WESTHAVEN RD	HUNTINGTON DR	A	A	690	45	31,050	100	1/28/2016
MONTRIBLES PLACE	010	LOS ROBLES AVE	MONTEREY RD	R	A	550	28	15,400	87	1/28/2016
OAK GROVE AVENUE	010	N.C.L.	VIRGINIA RD	R	A	896	27	24,192	11	2/10/2016
OAK GROVE AVENUE	020	VIRGINIA RD	ROSALIND RD	R	A	1,316	27	35,532	92	2/10/2016
OAK GROVE AVENUE	030	ROSALIND RD	SHENANDOAH RD	R	A	1,300	29	37,700	55	2/10/2016
OAK GROVE AVENUE	040	SHENANDOAH RD	ROSALIND RD	R	A	3,000	27	81,000	29	2/10/2016
OAK GROVE PLACE	010	CUL-DE-SAC	E/O OAK GROVE AVE	R	A	1,040	34	35,360	78	2/10/2016
OAK KNOLL AVENUE	010	DARBY RD	S.C.L.	R	A	230	37	8,510	82	2/10/2016
OAK KNOLL AVENUE	020	SHERWOOD RD	DARBY RD	R	A	1,100	45	49,500	44	2/10/2016
OAK KNOLL AVENUE	030	ROANOKE RD	SHERWOOD RD	R	A	500	45	22,500	75	2/10/2016
OAK KNOLL AVENUE	040	MONTEREY RD	HUNTINGTON DR	A	A	1,950	29	56,550	53	2/10/2016
OAK KNOLL AVENUE	050	N.C.L.	MONTEREY RD	A	A	240	29	6,960	66	2/10/2016
OAK LANE	010	OAK GROVE AVE	E. CDS	R	A	365	27	9,855	29	2/5/2016
OAK STREET	010	GARFIELD AVE	LOS ROBLES AVE	R	O	475	27	12,825	94	2/5/2016
OAK VIEW AVENUE	010	OAK GROVE AVE	S. CDS	R	A	680	27	18,360	63	2/4/2016
OAKWOOD DRIVE	010	MONTECITO DR	SIERRA MADRE BLVD	R	A	842	33	27,786	63	2/11/2016
OLD MILL ROAD	010	ROANOKE RD	SHERWOOD RD	R	A	800	48	38,400	35	2/11/2016
OLD MILL ROAD	020	HUNTINGTON DR	ROANOKE RD	R	A	400	48	19,200	37	2/10/2016
OLD MILL ROAD	030	MONTEREY RD	HUNTINGTON DR	R	O	1,330	32	42,560	95	2/4/2016
OLD MILL ROAD	040	N.C.L.	MONTEREY RD	R	A	1,000	36	36,000	33	2/4/2016
OLD MILL ROAD	050	LOS ROBLES AVE	EL MOLINO AVE	R	A	350	27	9,450	37	2/4/2016
ORLANDO PLACE	010	CUL-DE-SAC	E/O ORLANDO RD	R	A	525	33	17,325	82	2/5/2016
ORLANDO ROAD	010	ROSALIND RD	CAMERON DR	R	A	1,150	22	25,300	41	2/5/2016
ORLANDO ROAD	020	CAMERON DR	AVONDALE RD	R	A	1,020	45	45,900	41	2/5/2016
ORLANDO ROAD	030	AVONDALE RD	OXFORD RD	R	A	3,050	38	115,900	25	2/5/2016
ORLANDO ROAD	040	OXFORD RD	SAN MARINO AVE	R	A	600	38	22,800	32	2/5/2016
ORLANDO ROAD	050	SAN MARINO AVE	CHESTER AVE	R	A	650	37	24,050	25	5/13/2016
OXFORD ROAD	010	EUSTON RD	MONTEREY RD	R	A	825	37	30,525	40	2/5/2016
OXFORD ROAD	020	ORLANDO RD	EUSTON	R	A	2,975	38	113,050	11	2/5/2016



Street Name	Section ID	From	To	FC	Surface Type	Length (ft)	Width (ft)	Area (sf)	PCI	Inspection Date
PALMAS DRIVE	010	SHERWOOD RD	LORAIN RD	R	A	525	38	19,950	65	2/9/2016
PALOMAR ROAD	010	CUMBERLAND RD	HUNTINGTON DR	R	A	290	62	17,980	75	2/5/2016
PALOMAR ROAD	020	GAINSBOROUGH DR	CUMBERLAND RD	R	A	350	46	16,100	75	2/5/2016
PALOMAR ROAD	030	SHAKESPEARE DR	GAINSBOROUGH DR	R	A	330	41	13,530	45	2/5/2016
PALOMAR ROAD	040	WALLINGFORD RD	SHAKESPEARE DR	R	A	300	33	9,900	20	2/5/2016
PALOMAR ROAD	050	CANTERBURY RD	WALLINGFORD RD	R	O	320	33	10,560	95	2/5/2016
PALOMAR ROAD	060	DEVONPORT RD	CANTERBURY RD	R	O	325	33	10,725	97	2/5/2016
PALOMAR ROAD	070	LOMBARDY RD	DEVONPORT RD	R	O	540	33	17,820	95	2/5/2016
PARK PLACE	010	CUL-DE-SAC	S/O CIRCLE DR	R	A	360	27	9,720	71	2/9/2016
PASQUALITO DRIVE	010	HUNTINGTON DR	300' W/O EL MOLINO AVE	R	A	840	32	26,880	82	2/11/2016
PASQUALITO DRIVE	020	300' W/O EL MOLINO AVE	EL MOLINO AVE	R	A	300	32	9,600	28	5/13/2016
PASQUALITO DRIVE	030	EL MOLINO AVE	GRANADA AVE	R	A	850	32	27,200	46	2/11/2016
PATTON CT	3060	PATTON WAY	E. CDS	R	A	129	32	4,128	58	2/5/2016
PATTON WAY	3070	EUSTON RD	N. CDS	R	A	649	36	23,364	68	2/5/2016
PILGRIM PLACE	010	CUL-DE-SAC	E/O LOS ROBLES AVE	R	A	275	33	9,075	60	1/28/2016
PLYMOUTH ROAD	010	LOS ROBLES AVE	EL MOLINO AVE	R	A	840	27	22,680	94	1/28/2016
PLYMOUTH ROAD	020	EL MOLINO AVE	WINTHROP RD	R	A	940	27	25,380	70	1/28/2016
RALEIGH DR	010	SIERRA MADRE BLVD	WINSTON AVE	R	A	605	32	19,360	38	2/8/2016
RAMIRO ROAD	010	N.C.L.	MONTEREY RD	R	A	880	32	28,160	67	2/11/2016
RIDGEWAY ROAD	010	SHERWOOD RD	LORAIN RD	R	A	425	37	15,725	47	2/9/2016
RIDGEWAY ROAD	020	ADAIR ST	SHERWOOD RD	R	A	375	37	13,875	43	2/9/2016
RIDGEWAY ROAD	030	MELVILLE DR	ADAIR ST	R	A	375	37	13,875	38	2/9/2016
RIDGEWAY ROAD	040	ROANOKE RD	MELVILLE DR	R	A	400	37	14,800	40	2/9/2016
RIDGEWAY ROAD	050	HUNTINGTON DR	ROANOKE RD	R	A	375	46	17,250	30	2/9/2016
RIDGEWAY ROAD	060	KENILWORTH AVE	HUNTINGTON DR	R	A	1,375	32	44,000	78	2/9/2016
RIDGEWAY ROAD	070	WINSTON AVE	KENILWORTH AVE	R	A	1,100	32	35,200	82	2/9/2016
ROANOKE ROAD	010	GRANADA AVE	CHELSEA RD	R	A	875	44	38,500	10	2/3/2016
ROANOKE ROAD	020	CHELSEA RD	OLD MILL RD	R	A	720	44	31,680	88	2/3/2016
ROANOKE ROAD	030	OLD MILL RD	ST. ALBANS RD	R	A	350	44	15,400	26	2/3/2016
ROANOKE ROAD	040	ST. ALBANS RD	WINDSOR RD	R	A	350	44	15,400	31	5/13/2016
ROANOKE ROAD	050	WINDSOR RD	WARWICK RD	R	A	350	44	15,400	33	2/3/2016
ROANOKE ROAD	060	WARWICK RD	VIRGINIA RD	R	A	350	44	15,400	32	2/3/2016
ROANOKE ROAD	070	WESTHAVEN RD	SAN MARINO AVE	R	A	650	37	24,050	55	2/3/2016
ROANOKE ROAD	080	SAN MARINO AVE	RIDGEWAY RD	R	A	550	45	24,750	63	2/3/2016



Street Name	Section ID	From	To	FC	Surface Type	Length (ft)	Width (ft)	Area (sf)	PCI	Inspection Date
ROANOKE ROAD	090	RIDGEWAY RD	KENILWORTH AVE	R	A	650	37	24,050	21	2/3/2016
ROANOKE ROAD	100	KENILWORTH AVE	DEL MAR AVE	R	A	650	37	24,050	8	2/3/2016
ROBIN ROAD	010	DEL MAR AVE	S.C.L.	R	A	1,160	32	37,120	57	2/1/2016
ROBLES AVENUE	010	SAN MARINO AVE	SIERRA MADRE BLVD	R	A	1,500	37	55,500	49	2/3/2016
ROBLES AVENUE	020	SIERRA MADRE BLVD	WINSTON AVE	R	A	330	44	14,520	11	2/3/2016
ROBLES AVENUE	030	WINSTON AVE	SANTA ANITA AVE	R	A	650	37	24,050	100	2/3/2016
ROSALIND ROAD	010	VIRGINIA RD	OAK GROVE AVE	A	O	650	27	17,550	88	2/10/2016
ROSALIND ROAD	020	OAK GROVE AVE	N.C.L.	R	A	2,775	32	88,800	40	5/13/2016
ROSE AVENUE	010	DEL MAR AVE	W.C.L.	R	A	3,850	35	134,750	79	2/1/2016
ROXBURY ROAD	010	GRANADA AVE	OAK KNOLL AVE	R	A	1,100	37	40,700	53	2/9/2016
RUBIO DRIVE	010	MELVILLE DR	LORAIN RD	R	A	475	33	15,675	47	2/8/2016
RUBIO DRIVE	020	HUNTINGTON DR	MELVILLE DR	R	A	1,300	33	42,900	70	2/8/2016
RUSSET LANE	010	CUL-DE-SAC	N/O WOODLAWN	R	A	250	33	8,250	70	2/1/2016
SAN GABRIEL BLVD N/B	3540	KINGHURST RD	369' S/O HUNTINGTON DR	A	A	480	35	16,800	98	2/5/2016
SAN GABRIEL BLVD N/B	3560	369' S/O HUNTINGTON DR	HUNTINGTON DR	A	P	369	40	14,760	90	2/5/2016
SAN GABRIEL BLVD S/B	3550	94' S/O HUNTINGTON DR	KINGHURST RD	A	A	755	36	27,180	91	2/4/2016
SAN GABRIEL BLVD S/B	3570	HUNTINGTON DR	94' S/O HUNTINGTON DR	A	P	94	33	3,102	74	2/5/2016
SAN MARINO AVENUE	010	LORAIN RD	S.C.L.	A	A	700	38	26,600	100	2/1/2016
SAN MARINO AVENUE	0100	ORLANDO RD	STRATFORD RD	A	A	2,000	38	76,000	81	2/1/2016
SAN MARINO AVENUE	0110	LOMBARDY RD	ORLANDO RD	C	A	500	37	18,500	67	2/1/2016
SAN MARINO AVENUE	020	SHERWOOD RD	LORAIN RD	A	A	530	38	20,140	93	2/1/2016
SAN MARINO AVENUE	030	ADAIR ST	SHERWOOD RD	A	A	430	40	17,200	100	2/1/2016
SAN MARINO AVENUE	040	MELVILLE DR	ADAIR ST	A	A	430	40	17,200	88	2/1/2016
SAN MARINO AVENUE	050	ROANOKE RD	MELVILLE DR	A	A	450	40	18,000	89	2/1/2016
SAN MARINO AVENUE	059	HUNTINGTON DR	118FT S. OF HUNTINGTON DR	A	P	140	60	8,400	81	2/5/2016
SAN MARINO AVENUE	060	118FT S. OF HUNTINGTON DR	ROANOKE RD	A	A	301	60	18,060	100	2/1/2016
SAN MARINO AVENUE	080	EUSTON RD	380' N/O HUNTINGTON DR	A	A	820	32	26,240	62	2/1/2016
SAN MARINO AVENUE	090	STRATFORD RD	EUSTON RD	A	A	900	50	45,000	100	2/1/2016
SAN MARINO AVENUE	120	CALIFORNIA BLVD	LOMBARDY RD	A	A	520	38	19,760	13	2/1/2016
SAN MARINO AVENUE	130	N.C.L.	CALIFORNIA BLVD	C	A	330	37	12,210	81	2/1/2016
SAN MARINO AVENUE (NB)	070NB	HUNTINGTON DR	380' N/O HUNTINGTON DR	A	A	380	22	8,360	38	2/1/2016
SAN MARINO AVENUE (SB)	070SB	380' N/O HUNTINGTON DR	HUNTINGTON DR	A	P	380	25	9,500	92	2/1/2016
SAN SALVATORE PLACE	010	ROSE AVE	S.C.L.	R	A	330	31	10,230	55	2/1/2016
SANTA ANITA AVENUE	010	CANTERBURY RD	ROBLES AVE	A	A	730	45	32,850	100	2/2/2016



Street Name	Section ID	From	To	FC	Surface Type	Length (ft)	Width (ft)	Area (sf)	PCI	Inspection Date
SANTA ANITA AVENUE	020	LOMBARDY RD	CANTERBURY RD	A	A	930	45	41,850	100	2/2/2016
SANTA ANITA AVENUE	030	CALIFORNIA BLVD	LOMBARDY RD	C	A	800	45	36,000	100	2/2/2016
SANTA ANITA AVENUE	040	N.C.L.	CALIFORNIA BLVD	C	A	330	45	14,850	100	2/2/2016
SHAKESPEARE DRIVE	010	WALLINGFORD RD	PALOMAR RD	R	A	1,600	32	51,200	76	2/5/2016
SHAKESPEARE DRIVE	020	PALOMAR RD	E.C.L.	R	A	350	32	11,200	82	2/5/2016
SHARON PLACE	010	ROSE AVE	ROSE AVE	R	A	1,500	33	49,500	80	2/1/2016
SHEFFIELD ROAD	010	ROSE AVE	E.C.L.	R	A	1,500	33	49,500	78	2/1/2016
SHENANDOAH ROAD	010	MONTEREY RD	HUNTINGTON DR	R	A	650	47	30,550	28	2/10/2016
SHENANDOAH ROAD	020	OAK GROVE AVE	VIRGINIA RD	R	A	1,170	23	26,910	18	2/10/2016
SHENANDOAH ROAD	030	ROSALIND RD	OAK GROVE AVE	R	A	900	23	20,700	86	2/10/2016
SHERWOOD ROAD	010	GRANADA AVE	OAK KNOLL AVE	C	A	550	48	26,400	44	1/29/2016
SHERWOOD ROAD	020	OAK KNOLL AVE	OLD MILL RD	C	A	600	48	28,800	41	1/29/2016
SHERWOOD ROAD	030	OLD MILL RD	ST. ALBANS RD	R	A	1,200	45	54,000	29	1/29/2016
SHERWOOD ROAD	040	ALHAMBRA RD	WEST DR	C	A	1,070	32	34,240	72	1/29/2016
SHERWOOD ROAD	050	WEST DR	WESTHAVEN RD	C	A	1,025	32	32,800	35	1/29/2016
SHERWOOD ROAD	060	WESTHAVEN RD	SAN MARINO AVE	C	A	825	37	30,525	42	1/29/2016
SHERWOOD ROAD	070	SAN MARINO AVE	RIDGEWAY RD	R	A	550	37	20,350	50	1/29/2016
SHERWOOD ROAD	080	RIDGEWAY RD	KENILWORTH AVE	R	A	520	37	19,240	51	1/29/2016
SHERWOOD ROAD	090	KENILWORTH AVE	DEL MAR AVE	R	A	475	32	15,200	46	1/29/2016
SIERRA MADRE BLVD (ES)	010NB	ROBLES AVE	HUNTINGTON DR	A	A	2,280	32	72,960	98	2/8/2016
SIERRA MADRE BLVD (ES)	020NB	CANTERBURY RD	ROBLES AVE	A	A	670	32	21,440	99	2/8/2016
SIERRA MADRE BLVD (ES)	030NB	LOMBARDY RD	CANTERBURY RD	A	A	1,030	32	32,960	99	2/8/2016
SIERRA MADRE BLVD (ES)	040NB	CALIFORNIA BLVD	LOMBARDY RD	A	A	650	32	20,800	99	2/8/2016
SIERRA MADRE BLVD (ES)	050NB	N.C.L.	CALIFORNIA BLVD	A	A	330	32	10,560	99	2/8/2016
SIERRA MADRE BLVD (WS)	010SB	ROBLES AVE	SAN MARINO AVE	A	A	2,200	32	70,400	97	2/8/2016
SIERRA MADRE BLVD (WS)	020SB	CANTERBURY RD	ROBLES AVE	A	A	620	32	19,840	94	2/8/2016
SIERRA MADRE BLVD (WS)	030SB	LOMBARDY RD	CANTERBURY RD	A	A	1,030	32	32,960	98	2/8/2016
SIERRA MADRE BLVD (WS)	040SB	CALIFORNIA BLVD	LOMBARDY RD	A	A	650	32	20,800	99	2/8/2016
SIERRA MADRE BLVD (WS)	050SB	N.C.L.	CALIFORNIA BLVD	A	A	330	32	10,560	99	2/8/2016
SIERRA MADRE FRONTAGE N/B	4070	RIDGEWAY RD	SIERRA MADRE BLVD	A	A	412	43	17,716	32	2/5/2016
SIERRA MADRE FRONTAGE S/B	4080	ALLEY N/O HUNTINGTON DR	HUNTINGTON DR	A	A	452	46	20,792	35	2/4/2016
SIERRA VISTA AVENUE	010	N.C.L.	CALIFORNIA BLVD	R	A	330	32	10,560	14	2/2/2016
SOMERSET PLACE	010	ENDICOTT RD	WELLESLEY RD	R	A	300	32	9,600	70	2/1/2016
SOMERSET PLACE	020	WELLESLEY RD	E.C.L.	R	A	800	28	22,400	61	2/1/2016



Street Name	Section ID	From	To	FC	Surface Type	Length (ft)	Width (ft)	Area (sf)	PCI	Inspection Date
ST. ALBANS ROAD	010	MILL LANE	MONTEREY RD	C	A	1,150	40	46,000	41	2/4/2016
ST. ALBANS ROAD	020	MONTEREY RD	HUNTINGTON DR	C	A	960	47	45,120	78	2/4/2016
ST. ALBANS ROAD	030	HUNTINGTON DR	ROANOKE RD	C	A	500	47	23,500	74	2/4/2016
ST. ALBANS ROAD	040	ROANOKE RD	LORAIN RD	C	A	1,150	47	54,050	69	2/4/2016
ST. ALBANS ROAD	050	LORAIN RD	S.C.L.	R	A	300	47	14,100	71	2/4/2016
STAATS PLACE	010	BANNING WAY	N.C.L.	R	A	50	27	1,350	62	2/11/2016
STRATFORD ROAD	010	OXFORD RD	SAN MARINO AVE	R	A	450	40	18,000	19	5/13/2016
SUSSEX ROAD	010	GRANADA AVE	CHELSEA RD	R	A	790	32	25,280	74	2/4/2016
SYCAMORE DRIVE	010	DEL MAR AVE	ROSE AVE	R	A	1,250	32	40,000	70	2/1/2016
TURA LANE	010	CUL-DE-SAC	W/O SAN GABRIEL BLVD	R	A	420	32	13,440	93	2/2/2016
TWIN PALMS DRIVE	010	SHERWOOD RD	LORAIN RD	R	A	530	32	16,960	56	2/9/2016
URMSTON PLACE	010	CUL-DE-SAC	N/O WILSON AVE	R	A	248	33	8,184	30	2/11/2016
VALENTINE PLACE	010	CUL-DE-SAC	N/O WILSON AVE	R	A	502	33	16,566	62	2/11/2016
VANDYKE ROAD	010	HUNTINGTON DR	LORAIN RD	R	A	1,600	33	52,800	69	2/8/2016
VERONDA PLACE	010	MONTEREY RD	LA MIRADA AVE	R	A	250	27	6,750	68	1/28/2016
VIRGINIA ROAD	010	OAK GROVE AVE	ROSALIND RD	R	A	1,900	27	51,300	16	2/4/2016
VIRGINIA ROAD	020	ROSALIND RD	CIRCLE DR	A	A	850	27	22,950	64	2/4/2016
VIRGINIA ROAD	030	CIRCLE DR	MILL LANE	A	A	380	27	10,260	29	2/4/2016
VIRGINIA ROAD	040	MILL LANE	SHENANDOAH RD	A	A	900	27	24,300	95	2/4/2016
VIRGINIA ROAD	050	SHENANDOAH RD	MONTEREY RD	A	A	1,280	46	58,880	85	2/4/2016
VIRGINIA ROAD	060	MONTEREY RD	HUNTINGTONG DR	C	A	750	46	34,500	94	2/4/2016
VIRGINIA ROAD	070	HUNTINGTON DR	LORAIN RD	A	A	1,280	47	60,160	99	2/4/2016
WALLINGFORD ROAD	010	SANTA ANITA AVE	PALOMAR RD	R	A	1,460	33	48,180	77	2/5/2016
WALLINGFORD ROAD	020	PALOMAR RD	E.C.L.	R	A	330	33	10,890	78	2/5/2016
WARWICK ROAD	010	HUNTINGTON DR	ROANOKE RD	R	A	550	45	24,750	100	2/3/2016
WARWICK ROAD	020	ROANOKE RD	LORAIN RD	R	A	750	45	33,750	100	2/3/2016
WAVERLY ROAD	010	CUL-DE-SAC	S/O HUNTINGTON DR	R	O	513	32	16,416	94	2/9/2016
WAVERLY ROAD	020	MONTEREY RD	HUNTINGTON DR	R	A	570	37	21,090	74	2/9/2016
WAVERLY ROAD	030	EUSTON RD	MONTEREY RD	R	A	775	37	28,675	78	2/9/2016
WELLESLEY ROAD	010	SHEFFIELD RD	SOMESSET PL	R	A	450	33	14,850	97	2/1/2016
WEMBLEY ROAD	010	MONTEREY RD	HUNTINGTON DR	R	A	680	37	25,160	64	2/9/2016
WEMBLEY ROAD	020	EUSTON RD	MONTEREY RD	C	A	915	37	33,855	57	2/9/2016
WEST DR	010	LORAIN RD	SHERWOOD RD	A	A	600	32	19,200	82	2/4/2016
WEST DR	020	SHERWOOD RD	HUNTINGTON DR	A	A	1,194	32	38,208	90	2/4/2016



Street Name	Section ID	From	To	FC	Surface Type	Length (ft)	Width (ft)	Area (sf)	PCI	Inspection Date
WESTHAVEN ROAD	010	SHERWOOD RD	LORAIN RD	R	A	430	37	15,910	36	1/29/2016
WESTHAVEN ROAD	020	HUNTINGTON DR	SHERWOOD RD	R	A	1,650	37	61,050	24	1/29/2016
WESTHAVEN ROAD	030	MONTEREY RD	HUNTINGTON DR	R	A	475	37	17,575	75	1/29/2016
WESTHAVEN ROAD	040	EUSTON RD	MONTEREY RD	R	A	750	37	27,750	70	1/29/2016
WETHERBY ROAD	010	SANTA ANITA AVE	PALOMAR RD	R	A	775	33	25,575	85	2/5/2016
WILBURY ROAD	010	RIDGEWAY RD	CUMBERLAND RD	R	A	475	32	15,200	86	2/9/2016
WILSON AVENUE	010	LOS ROBLES AVE	EL MOLINO AVE	R	A	940	32	30,080	40	2/11/2016
WILSON AVENUE	020	EL MOLINO AVE	GRANADA AVE	R	O	975	32	31,200	99	2/11/2016
WINDSOR ROAD	010	HUNTINGTON DR	ROANOKE RD	R	A	900	45	40,500	100	2/4/2016
WINDSOR ROAD	020	ROANOKE RD	LORAIN RD	R	A	850	45	38,250	100	2/4/2016
WINSTON AVENUE	010	ROBLES AVE	HUNTINGTON DR	A	A	1,750	32	56,000	100	2/5/2016
WINSTON AVENUE	020	CANTERBURY RD	ROBLES AVE	R	A	800	37	29,600	24	2/5/2016
WINSTON AVENUE	030	LOMBARDY RD	CANTERBURY RD	R	A	900	37	33,300	39	2/5/2016
WINSTON AVENUE	040	CALIFORNIA BLVD	LOMBARDY RD	R	A	650	39	25,350	51	2/5/2016
WINSTON AVENUE	050	N.C.L.	CALIFORNIA BLVD	R	A	330	39	12,870	30	2/5/2016
WINTHROP ROAD	010	LOS ROBLES AVE	EL MOLINO AVE	R	A	940	27	25,380	38	1/28/2016
WINTHROP ROAD	020	EL MOLINO AVE	PLYMOUTH RD	R	A	1,150	27	31,050	59	5/13/2016
WOODLAWN AVE	010	ROSE AVE	SAN GABRIEL BLVD	R	A	1,237	32	39,584	70	2/5/2016
WOODSTOCK ROAD	010	SHENANDOAH RD	S. CDS	R	A	549	24	13,176	43	2/5/2016

**Section Description Inventory
Sorted by Descending PCI**



Street Name	Section ID	From	To	FC	Surface Type	Length (ft)	Width (ft)	Area (sf)	PCI	Inspection Date
ALLEN AVENUE	010	LOMBARDY RD	ORLANDO RD	A	A	430	35	15,050	100	2/2/2016
ALLEN AVENUE	020	CALIFORNIA BLVD	LOMBARDY RD	A	A	550	35	19,250	100	2/2/2016
ALLEN AVENUE	030	N.C.L.	CALIFORNIA BLVD	R	A	330	35	11,550	100	2/2/2016
HUNTINGTON DRIVE E/B	1370	50 E/O ST. ALBANS RD.	WARWICK RD	A	A	814	39	31,746	100	2/5/2016
HUNTINGTON DRIVE E/B	1380	WARWICK RD	PCC	A	A	128	39	4,992	100	2/5/2016
HUNTINGTON DRIVE E/B	1389	53 E. OF VIRGINIA RD.	CHARLTON RD.	A	A	396	39	15,444	100	2/4/2016
HUNTINGTON DRIVE E/B	1400	WEMBLEY RD	CAMBRIDGE RD	A	A	399	37	14,763	100	2/5/2016
HUNTINGTON DRIVE E/B	1460	DEL MAR AVE	MIRASOL DR	A	A	929	46	42,734	100	2/5/2016
HUNTINGTON DRIVE E/B	1470	MIRASOL DR	BELLWOOD RD	A	A	724	46	33,304	100	2/4/2016
HUNTINGTON DRIVE E/B	1490	BLACKSTONE RD	306 W. OF SAN GABRIEL BLVD	A	A	265	46	12,190	100	2/4/2016
HUNTINGTON DRIVE W/B	1660	DEL MAR AVE	MIRASOL DR	A	A	929	52	48,308	100	2/4/2016
HUNTINGTON DRIVE W/B	1670	MIRASOL DR	BELLWOOD RD	A	O	724	52	37,648	100	2/4/2016
HUNTINGTON DRIVE W/B	1680	BELLWOOD RD	BLACKSTONE RD	A	O	684	52	35,568	100	2/5/2016
HUNTINGTON DRIVE W/B	1690	BLACKSTONE RD	97 W. OF SAN GABRIEL BLVD	A	O	474	52	24,648	100	2/5/2016
LORAIN ROAD	050	WEST HAVEN RD	SAN MARINO AVE	C	A	944	45	42,480	100	1/29/2016
LORAIN ROAD	060	SAN MARINO AVE	DEL MAR AVE	C	A	1,080	45	48,600	100	1/29/2016
LORAIN ROAD	070	DEL MAR AVE	MELVILLE DR	C	A	1,650	45	74,250	100	1/29/2016
LORAIN ROAD	080	MELVILLE DR	1,150' EAST	C	A	1,150	32	36,800	100	2/2/2016
LORAIN ROAD	090	1,150' E/O MELVILLE DR	E.C.L.	C	A	400	45	18,000	100	1/29/2016
MONTEREY ROAD	140	BEDFORD RD	WESTHAVEN RD	A	A	420	45	18,900	100	1/28/2016
MONTEREY ROAD	150	WESTHAVEN RD	HUNTINGTON DR	A	A	690	45	31,050	100	1/28/2016
ROBLES AVENUE	030	WINSTON AVE	SANTA ANITA AVE	R	A	650	37	24,050	100	2/3/2016
SAN MARINO AVENUE	010	LORAIN RD	S.C.L.	A	A	700	38	26,600	100	2/1/2016
SAN MARINO AVENUE	030	ADAIR ST	SHERWOOD RD	A	A	430	40	17,200	100	2/1/2016
SAN MARINO AVENUE	060	118FT S. OF HUNTINGTON DR	ROANOKE RD	A	A	301	60	18,060	100	2/1/2016
SAN MARINO AVENUE	090	STRATFORD RD	EUSTON RD	A	A	900	50	45,000	100	2/1/2016
SANTA ANITA AVENUE	010	CANTERBURY RD	ROBLES AVE	A	A	730	45	32,850	100	2/2/2016
SANTA ANITA AVENUE	020	LOMBARDY RD	CANTERBURY RD	A	A	930	45	41,850	100	2/2/2016
SANTA ANITA AVENUE	030	CALIFORNIA BLVD	LOMBARDY RD	C	A	800	45	36,000	100	2/2/2016
SANTA ANITA AVENUE	040	N.C.L.	CALIFORNIA BLVD	C	A	330	45	14,850	100	2/2/2016
WARWICK ROAD	010	HUNTINGTON DR	ROANOKE RD	R	A	550	45	24,750	100	2/3/2016
WARWICK ROAD	020	ROANOKE RD	LORAIN RD	R	A	750	45	33,750	100	2/3/2016
WINDSOR ROAD	010	HUNTINGTON DR	ROANOKE RD	R	A	900	45	40,500	100	2/4/2016
WINDSOR ROAD	020	ROANOKE RD	LORAIN RD	R	A	850	45	38,250	100	2/4/2016



Street Name	Section ID	From	To	FC	Surface Type	Length (ft)	Width (ft)	Area (sf)	PCI	Inspection Date
WINSTON AVENUE	010	ROBLES AVE	HUNTINGTON DR	A	A	1,750	32	56,000	100	2/5/2016
GARFIELD AVENUE	1160	MONTEREY RD	CALLITA PL	A	A	986	42	41,412	99	2/4/2016
GARFIELD AVENUE	1170	CALLITA PL	OAK ST	A	A	921	42	38,682	99	2/5/2016
GARFIELD AVENUE	1180	OAK ST	HUNTINGTON DR	A	A	591	43	25,413	99	2/5/2016
HUNTINGTON DRIVE E/B	1350	CHELSEA RD	OLD MILL RD	A	A	950	53	50,350	99	2/5/2016
HUNTINGTON DRIVE E/B	1390	CHARLTON RD	WEMBLEY RD	A	A	826	39	32,214	99	2/5/2016
SIERRA MADRE BLVD (ES)	020NB	CANTERBURY RD	ROBLES AVE	A	A	670	32	21,440	99	2/8/2016
SIERRA MADRE BLVD (ES)	030NB	LOMBARDY RD	CANTERBURY RD	A	A	1,030	32	32,960	99	2/8/2016
SIERRA MADRE BLVD (ES)	040NB	CALIFORNIA BLVD	LOMBARDY RD	A	A	650	32	20,800	99	2/8/2016
SIERRA MADRE BLVD (ES)	050NB	N.C.L.	CALIFORNIA BLVD	A	A	330	32	10,560	99	2/8/2016
SIERRA MADRE BLVD (WS)	040SB	CALIFORNIA BLVD	LOMBARDY RD	A	A	650	32	20,800	99	2/8/2016
SIERRA MADRE BLVD (WS)	050SB	N.C.L.	CALIFORNIA BLVD	A	A	330	32	10,560	99	2/8/2016
VIRGINIA ROAD	070	HUNTINGTON DR	LORAIN RD	A	A	1,280	47	60,160	99	2/4/2016
WILSON AVENUE	020	EL MOLINO AVE	GRANADA AVE	R	O	975	32	31,200	99	2/11/2016
ALEGRIA PLACE	010	CUL-DE-SAC	CALIFORNIA BLVD	R	A	300	33	9,900	98	2/2/2016
CARLARIS ROAD	010	EL MOLINO AVE	RAMIRO RD	R	A	830	32	26,560	98	2/11/2016
DORESTA ROAD	010	EL MOLINO AVE	N.C.L.	R	A	650	33	21,450	98	2/11/2016
HUNTINGTON DRIVE E/B	1480	BELLWOOD RD	BLACKSTONE RD	A	A	684	46	31,464	98	2/4/2016
MONTEREY ROAD	010	W.C.L.	LOS ROBLES AVE	A	A	850	37	31,450	98	1/28/2016
SAN GABRIEL BLVD N/B	3540	KINGHURST RD	369' S/O HUNTINGTON DR	A	A	480	35	16,800	98	2/5/2016
SIERRA MADRE BLVD (ES)	010NB	ROBLES AVE	HUNTINGTON DR	A	A	2,280	32	72,960	98	2/8/2016
SIERRA MADRE BLVD (WS)	030SB	LOMBARDY RD	CANTERBURY RD	A	A	1,030	32	32,960	98	2/8/2016
HUNTINGTON DRIVE E/B	1410	CAMBRIDGE RD	BEDFORD RD	A	O	817	37	30,229	97	2/5/2016
HUNTINGTON DRIVE E/B	1440	RIDGEWAY RD	KENILWORTH AVE	A	O	838	57	47,766	97	2/5/2016
HUNTINGTON DRIVE E/B	1450	KENILWORTH AVE	DEL MAR AVE	A	O	925	51	47,175	97	2/4/2016
MC FARLANE STREET	010	CUL-DE-SAC	W/O EUCLID AVE	R	A	575	33	18,975	97	2/11/2016
MELVILLE DRIVE	050	DEL MAR AVE	CUL-DE-SAC	R	A	260	31	8,060	97	2/3/2016
PALOMAR ROAD	060	DEVONPORT RD	CANTERBURY RD	R	O	325	33	10,725	97	2/5/2016
SIERRA MADRE BLVD (WS)	010SB	ROBLES AVE	SAN MARINO AVE	A	A	2,200	32	70,400	97	2/8/2016
WELLESLEY ROAD	010	SHEFFIELD RD	SOMESSET PL	R	A	450	33	14,850	97	2/1/2016
MILL CANYON ROAD	010	CUL-DE-SAC	N/O MILL LANE	R	A	450	27	12,150	96	2/4/2016
MILL LANE	010	OLD MILL RD	CITY PARK	C	A	950	32	30,400	96	2/4/2016
EL MOLINO AVENUE	030	WINTHROP RD	WILSON AVE	C	O	450	32	14,400	95	2/11/2016
OLD MILL ROAD	030	MONTEREY RD	HUNTINGTON DR	R	O	1,330	32	42,560	95	2/4/2016



Street Name	Section ID	From	To	FC	Surface Type	Length (ft)	Width (ft)	Area (sf)	PCI	Inspection Date
PALOMAR ROAD	050	CANTERBURY RD	WALLINGFORD RD	R	O	320	33	10,560	95	2/5/2016
PALOMAR ROAD	070	LOMBARDY RD	DEVONPORT RD	R	O	540	33	17,820	95	2/5/2016
VIRGINIA ROAD	040	MILL LANE	SHENANDOAH RD	A	A	900	27	24,300	95	2/4/2016
BONITA AVENUE	010	N.C.L.	CALIFORNIA BLVD	R	A	500	32	16,000	94	2/2/2016
EUCLID AVE	010	MISSION ST	MONTEREY RD	R	O	1,425	27	38,475	94	2/1/2016
LOS ROBLES AVENUE	030	MONTEREY RD	LA MIRADA AVE	A	O	300	32	9,600	94	1/28/2016
OAK STREET	010	GARFIELD AVE	LOS ROBLES AVE	R	O	475	27	12,825	94	2/5/2016
PLYMOUTH ROAD	010	LOS ROBLES AVE	EL MOLINO AVE	R	A	840	27	22,680	94	1/28/2016
SIERRA MADRE BLVD (WS)	020SB	CANTERBURY RD	ROBLES AVE	A	A	620	32	19,840	94	2/8/2016
VIRGINIA ROAD	060	MONTEREY RD	HUNTINGTONG DR	C	A	750	46	34,500	94	2/4/2016
WAVERLY ROAD	010	CUL-DE-SAC	S/O HUNTINGTON DR	R	O	513	32	16,416	94	2/9/2016
SAN MARINO AVENUE	020	SHERWOOD RD	LORAIN RD	A	A	530	38	20,140	93	2/1/2016
TURA LANE	010	CUL-DE-SAC	W/O SAN GABRIEL BLVD	R	A	420	32	13,440	93	2/2/2016
LOS ARBOLES PLACE	010	CUL-DE-SAC	N/O CALIFORNIA BLVD	R	A	340	33	11,220	92	3/23/2016
OAK GROVE AVENUE	020	VIRGINIA RD	ROSALIND RD	R	A	1,316	27	35,532	92	2/10/2016
SAN MARINO AVENUE (SB)	070SB	380' N/O HUNTINGTON DR	HUNTINGTON DR	A	P	380	25	9,500	92	2/1/2016
BRENTFORD ROAD	010	CUL-DE-SAC	E/O SAN MARINO AVE	R	A	675	36	24,300	91	2/1/2016
FLEUR DRIVE	010	EL MOLINO AVE	RAMIRO RD	R	A	750	27	20,250	91	3/22/2016
HUNTINGTON DRIVE E/B	1420	BEDFORD RD	MONTEREY RD	A	O	913	57	52,041	91	2/5/2016
HUNTINGTON DRIVE W/B	1583	52 W/O VIRGINIA RD.	283 E/O VIRGINIA RD.	A	P	333	42	13,986	91	2/5/2016
KENSINGTON ROAD	020	EUSTON RD	MONTEREY RD	R	A	675	37	24,975	91	2/8/2016
SAN GABRIEL BLVD S/B	3550	94' S/O HUNTINGTON DR	KINGHURST RD	A	A	755	36	27,180	91	2/4/2016
DUARTE ROAD	010	LORAIN RD	ROSE AVE	R	O	450	45	20,250	90	2/3/2016
HUNTINGTON DRIVE E/B	1383	282 W. OF VIRGINIA RD.	53 E. OF VIRGINIA RD.	A	P	332	39	12,948	90	2/5/2016
HUNTINGTON DRIVE E/B	1495	306 W OF SAN GABRIEL BLVD.	SAN GABRIEL BLVD.	A	P	306	51	15,606	90	2/5/2016
MILL LANE	020	CITY PARK	VIRGINIA RD	C	A	150	37	5,550	90	2/4/2016
SAN GABRIEL BLVD N/B	3560	369' S/O HUNTINGTON DR	HUNTINGTON DR	A	P	369	40	14,760	90	2/5/2016
WEST DR	020	SHERWOOD RD	HUNTINGTON DR	A	A	1,194	32	38,208	90	2/4/2016
BRADBURY ROAD	010	HUNTINGTON DR	MELVILLE DR	R	A	1,675	32	53,600	89	2/8/2016
HUNTINGTON DRIVE W/B	1564	50 W. OF ST. ALBANS RD	269 E/O ST ALBANS RD	A	P	319	42	13,398	89	2/5/2016
SAN MARINO AVENUE	050	ROANOKE RD	MELVILLE DR	A	A	450	40	18,000	89	2/1/2016
BEDFORD ROAD	010	HUNTINGTON DR	WEST DR	R	A	1,400	32	44,800	88	1/29/2016
CUMBERLAND ROAD	800	RIDGEWAY RD	KENILWORTH AVE	R	A	449	33	14,817	88	2/5/2016
GRANADA AVENUE	030	WILSON AVE	HUNTINGTON DR	C	A	870	37	32,190	88	2/9/2016



Street Name	Section ID	From	To	FC	Surface Type	Length (ft)	Width (ft)	Area (sf)	PCI	Inspection Date
LOS ROBLES AVENUE	050	N.C.L.	MISSION ST	A	O	1,105	37	40,885	88	1/28/2016
ROANOKE ROAD	020	CHELSEA RD	OLD MILL RD	R	A	720	44	31,680	88	2/3/2016
ROSALIND ROAD	010	VIRGINIA RD	OAK GROVE AVE	A	O	650	27	17,550	88	2/10/2016
SAN MARINO AVENUE	040	MELVILLE DR	ADAIR ST	A	A	430	40	17,200	88	2/1/2016
CONISTON PLACE	010	RIDGEWAY RD	KENILWORTH AVE	R	A	375	32	12,000	87	2/9/2016
EL MOLINO PLACE	020	WILSON AVE	PASQUALITO DR	R	A	450	32	14,400	87	2/11/2016
HUNTINGTON DRIVE E/B	1430	MONTEREY RD	RIDGEWAY RD	A	O	447	69	30,843	87	2/4/2016
LOS ROBLES AVENUE	020	LA MIRADA AVE	WILSON AVE	A	O	1,050	32	33,600	87	1/28/2016
MONTROBLES PLACE	010	LOS ROBLES AVE	MONTEREY RD	R	A	550	28	15,400	87	1/28/2016
SHENANDOAH ROAD	030	ROSALIND RD	OAK GROVE AVE	R	A	900	23	20,700	86	2/10/2016
WILBURY ROAD	010	RIDGEWAY RD	CUMBERLAND RD	R	A	475	32	15,200	86	2/9/2016
CANTERBURY ROAD	050	WINSTON AVE	SANTA ANITA AVE	R	A	425	37	15,725	85	2/5/2016
HUNTINGTON DRIVE E/B	1360	OLD MILL RD	269 W. OF ST ALBANS RD	A	A	229	39	8,931	85	2/5/2016
LA PAZ DRIVE	010	N.C.L.	CALIFORNIA BLVD	R	A	370	28	10,360	85	2/2/2016
VIRGINIA ROAD	050	SHENANDOAH RD	MONTEREY RD	A	A	1,280	46	58,880	85	2/4/2016
WETHERBY ROAD	010	SANTA ANITA AVE	PALOMAR RD	R	A	775	33	25,575	85	2/5/2016
FAIRFIELD PLACE	010	CUL-DE-SAC	E/O SANTA ANITA AVE	R	A	450	33	14,850	84	2/2/2016
HUNTINGTON DRIVE E/B	1364	269 W. OF ST ALBANS RD	50 E. OF ST. ALBANS RD.	A	P	319	39	12,441	84	2/4/2016
MONTEREY ROAD	030	EL MOLINO AVE	RAMIRO RD	A	A	891	37	32,967	84	1/28/2016
CUMBERLAND ROAD	790	GAINSBOROUGH DR	PALOMAR RD	R	A	1,067	33	35,211	83	2/5/2016
HUNTINGTON DRIVE W/B	1500	GARFIELD AVE	MONTEREY ST	A	O	745	42	31,290	83	2/4/2016
LORAIN ROAD	010	SHERWOOD RD	ST. ALBANS	C	A	1,570	45	70,650	83	1/29/2016
LOS ROBLES AVENUE	010	WILSON AVE	HUNTINGTON DR	A	O	1,000	41	41,000	82	3/23/2016
MONTEREY ROAD	050	OAK KNOLL AVE	OLD MILL RD	A	A	1,300	27	35,100	82	1/28/2016
OAK KNOLL AVENUE	010	DARBY RD	S.C.L.	R	A	230	37	8,510	82	2/10/2016
ORLANDO PLACE	010	CUL-DE-SAC	E/O ORLANDO RD	R	A	525	33	17,325	82	2/5/2016
PASQUALITO DRIVE	010	HUNTINGTON DR	300' W/O EL MOLINO AVE	R	A	840	32	26,880	82	2/11/2016
RIDGEWAY ROAD	070	WINSTON AVE	KENILWORTH AVE	R	A	1,100	32	35,200	82	2/9/2016
SHAKESPEARE DRIVE	020	PALOMAR RD	E.C.L.	R	A	350	32	11,200	82	2/5/2016
WEST DR	010	LORAIN RD	SHERWOOD RD	A	A	600	32	19,200	82	2/4/2016
ALHAMBRA ROAD	020	SHERWOOD RD	VIRGINIA RD	C	A	560	37	20,720	81	2/2/2016
CANTERBURY ROAD	040	SIERRA MADRE BLVD	WINSTON AVE	R	A	350	37	12,950	81	2/5/2016
GRANADA AVENUE	020	ROXBURY RD	S.C.L.	A	O	843	37	31,191	81	2/9/2016
HILLIARD DRIVE	010	DUARTE RD	WOODLAWN AVE	R	A	570	35	19,950	81	2/1/2016



Street Name	Section ID	From	To	FC	Surface Type	Length (ft)	Width (ft)	Area (sf)	PCI	Inspection Date
LORAIN ROAD	020	ST. ALBANS	ALHAMBRA RD	C	O	1,350	45	60,750	81	1/29/2016
MISSION DRIVE	010	LORAIN RD	S.C.L.	A	A	180	32	5,760	81	2/9/2016
MONTEREY ROAD	120	CAMBRIDGE RD	WAVERLY RD	A	A	400	45	18,000	81	1/28/2016
SAN MARINO AVENUE	0100	ORLANDO RD	STRATFORD RD	A	A	2,000	38	76,000	81	2/1/2016
SAN MARINO AVENUE	059	HUNTINGTON DR	118FT S. OF HUNTINGTON DR	A	P	140	60	8,400	81	2/5/2016
SAN MARINO AVENUE	130	N.C.L.	CALIFORNIA BLVD	C	A	330	37	12,210	81	2/1/2016
CONISTON PLACE	020	KENILWORTH AVE	WILBURY RD	R	A	630	32	20,160	80	2/9/2016
CUMBERLAND ROAD	810	KENILWORTH AVE	WINSTON AVE	R	A	969	31	30,039	80	2/5/2016
HILLIARD DRIVE	020	ROSE AVE	DUARTE RD	R	A	440	35	15,400	80	2/1/2016
HUNTINGTON DRIVE E/B	1340	GRANADA AVE	CHELSEA RD	A	A	1,147	53	60,791	80	2/5/2016
HUNTINGTON DRIVE W/B	1510	MONTEREY ST	STORY PL	A	O	695	34	23,630	80	2/4/2016
HUNTINGTON DRIVE W/B	1695	97 W. OF SAN GABRIEL BLVD.	SAN GABRIEL BLVD.	A	P	97	74	7,178	80	2/5/2016
KENILWORTH AVENUE	080	RIDGEWAY RD	CONISTON PL	R	A	300	32	9,600	80	2/8/2016
SHARON PLACE	010	ROSE AVE	ROSE AVE	R	A	1,500	33	49,500	80	2/1/2016
GAINSBOROUGH DRIVE	020	PALOMAR RD	SAN GABRIEL BLVD	R	A	380	41	15,580	79	2/5/2016
GRANADA AVENUE	010	260' SOUTH OF HUNTINGTON DR	ROXBURY RD	A	O	1,670	37	61,790	79	2/9/2016
KENILWORTH AVENUE	070	CONISTON PL	CUMBERLAND RD	R	A	300	32	9,600	79	2/8/2016
ROSE AVENUE	010	DEL MAR AVE	W.C.L.	R	A	3,850	35	134,750	79	2/1/2016
CALIFORNIA BLVD	010	W.C.L.	ALLEN AVE	A	A	225	42	9,450	78	2/2/2016
ENCINO DRIVE	010	W.C.L.	VIRGINIA RD	R	A	500	13	6,500	78	2/9/2016
LOS ROBLES AVENUE	040	MISSION ST	MONTEREY RD	A	O	1,180	32	37,760	78	1/28/2016
MELVILLE DRIVE	020	SAN MARINO AVE	RIDGEWAY RD	R	A	630	37	23,310	78	2/3/2016
OAK GROVE PLACE	010	CUL-DE-SAC	E/O OAK GROVE AVE	R	A	1,040	34	35,360	78	2/10/2016
RIDGEWAY ROAD	060	KENILWORTH AVE	HUNTINGTON DR	R	A	1,375	32	44,000	78	2/9/2016
SHEFFIELD ROAD	010	ROSE AVE	E.C.L.	R	A	1,500	33	49,500	78	2/1/2016
ST. ALBANS ROAD	020	MONTEREY RD	HUNTINGTON DR	C	A	960	47	45,120	78	2/4/2016
WALLINGFORD ROAD	020	PALOMAR RD	E.C.L.	R	A	330	33	10,890	78	2/5/2016
WAVERLY ROAD	030	EUSTON RD	MONTEREY RD	R	A	775	37	28,675	78	2/9/2016
WALLINGFORD ROAD	010	SANTA ANITA AVE	PALOMAR RD	R	A	1,460	33	48,180	77	2/5/2016
KENSINGTON ROAD	010	MONTEREY RD	HUNTINGTON DR	R	A	635	37	23,495	76	2/8/2016
LORAIN ROAD	030	ALHAMBRA RD	WEST DR	C	O	1,150	45	51,750	76	1/29/2016
SHAKESPEARE DRIVE	010	WALLINGFORD RD	PALOMAR RD	R	A	1,600	32	51,200	76	2/5/2016
MONTEREY ROAD	130	WAVERLY RD	BEDFORD RD	A	A	420	45	18,900	75	1/28/2016
OAK KNOLL AVENUE	030	ROANOKE RD	SHERWOOD RD	R	A	500	45	22,500	75	2/10/2016



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PALOMAR ROAD	010	CUMBERLAND RD	HUNTINGTON DR	R	A	290	62	17,980	75	2/5/2016
PALOMAR ROAD	020	GAINSBOROUGH DR	CUMBERLAND RD	R	A	350	46	16,100	75	2/5/2016
WESTHAVEN ROAD	030	MONTEREY RD	HUNTINGTON DR	R	A	475	37	17,575	75	1/29/2016
SAN GABRIEL BLVD S/B	3570	HUNTINGTON DR	94' S/O HUNTINGTON DR	A	P	94	33	3,102	74	2/5/2016
ST. ALBANS ROAD	030	HUNTINGTON DR	ROANOKE RD	C	A	500	47	23,500	74	2/4/2016
SUSSEX ROAD	010	GRANADA AVE	CHELSEA RD	R	A	790	32	25,280	74	2/4/2016
WAVERLY ROAD	020	MONTEREY RD	HUNTINGTON DR	R	A	570	37	21,090	74	2/9/2016
DUARTE ROAD	030	150' EAST OF ROSE AVE	HILLARD DR	C	A	275	45	12,375	73	2/3/2016
DURKLYN CT	010	BEDFORD RD	S. CDS	R	A	340	32	10,880	73	2/5/2016
KENILWORTH AVENUE	090	SIERRA MADRE BLVD	RIDGEWAY RD	R	A	350	32	11,200	73	2/8/2016
CHARLTON ROAD	020	EUSTON RD	MONTEREY RD	R	A	650	37	24,050	72	2/9/2016
DEVONPORT ROAD	020	PALOMAR RD	SAN GABRIEL BLVD	R	A	625	33	20,625	72	2/2/2016
GAINSBOROUGH DRIVE	010	HUNTINGTON DR	PALOMAR RD	R	A	1,900	41	77,900	72	2/5/2016
KENILWORTH AVENUE	060	CUMBERLAND RD	HUNTINGTON DR	R	A	325	32	10,400	72	2/8/2016
MELVILLE DRIVE	010	WESTHAVEN RD	SAN MARINO AVE	R	A	650	37	24,050	72	2/3/2016
SHERWOOD ROAD	040	ALHAMBRA RD	WEST DR	C	A	1,070	32	34,240	72	1/29/2016
CHARLTON ROAD	010	MONTEREY RD	HUNTINGTON DR	R	A	675	37	24,975	71	2/9/2016
CHELSEA ROAD	010	ROANOKE RD	OLD MILL RD	R	O	450	47	21,150	71	2/10/2016
DUARTE ROAD	020	ROSE AVE	150' EAST	C	A	100	45	4,500	71	2/11/2016
EUSTON ROAD	030	WAVERLY RD	OXFORD RD	C	A	1,186	37	43,882	71	2/4/2016
HUNTINGTON DRIVE W/B	1630	MONTEREY RD	RIDGEWAY RD	A	O	447	75	33,525	71	2/4/2016
LOMBARDY PLACE	010	CUL-DE-SAC	LOMBARDY RD	R	A	450	33	14,850	71	2/2/2016
PARK PLACE	010	CUL-DE-SAC	S/O CIRCLE DR	R	A	360	27	9,720	71	2/9/2016
ST. ALBANS ROAD	050	LORAIN RD	S.C.L.	R	A	300	47	14,100	71	2/4/2016
BELHAVEN AVENUE	010	HUNTINGTON DR	LORAIN RD	R	A	1,430	33	47,190	70	2/8/2016
BELLWOOD ROAD	010	HUNTINGTON DR	LORAIN RD	R	A	1,750	33	57,750	70	2/8/2016
ENDICOTT ROAD	010	SHEFFIELD RD	SOMERSET PL	R	A	500	33	16,500	70	2/1/2016
KERNS AVE	010	SHEFFIELD RD	S.C.L.	R	A	630	33	20,790	70	2/1/2016
KINGHURST ROAD	010	VANDYKE RD	BELHAVEN RD	R	A	780	33	25,740	70	2/8/2016
PLYMOUTH ROAD	020	EL MOLINO AVE	WINTHROP RD	R	A	940	27	25,380	70	1/28/2016
RUBIO DRIVE	020	HUNTINGTON DR	MELVILLE DR	R	A	1,300	33	42,900	70	2/8/2016
RUSSET LANE	010	CUL-DE-SAC	N/O WOODLAWN	R	A	250	33	8,250	70	2/1/2016
SOMERSET PLACE	010	ENDICOTT RD	WELLESLEY RD	R	A	300	32	9,600	70	2/1/2016
SYCAMORE DRIVE	010	DEL MAR AVE	ROSE AVE	R	A	1,250	32	40,000	70	2/1/2016



Street Name	Section ID	From	To	FC	Surface Type	Length (ft)	Width (ft)	Area (sf)	PCI	Inspection Date
WESTHAVEN ROAD	040	EUSTON RD	MONTEREY RD	R	A	750	37	27,750	70	1/29/2016
WOODLAWN AVE	010	ROSE AVE	SAN GABRIEL BLVD	R	A	1,237	32	39,584	70	2/5/2016
BLACKSTONE ROAD	010	HUNTINGTON DR	KINGHURST	R	A	1,150	33	37,950	69	2/8/2016
CALIFORNIA BLVD	020	ALLEN AVE	530' EAST	A	A	550	37	20,350	69	2/2/2016
CHANDLER PLACE	010	CUL-DE-SAC	W/O OAK GROVE AVE	R	A	430	25	10,750	69	2/9/2016
EUSTON ROAD	040	OXFORD RD	SAN MARINO AVE	C	A	425	37	15,725	69	2/4/2016
GRANADA AVENUE	040	HUNTINGTON DR	260' SOUTH OF HUNTINGTON DR	A	O	260	37	9,620	69	2/5/2016
MELVILLE DRIVE	030	RIDGEWAY RD	KENILWORTH AVE	R	A	640	37	23,680	69	2/3/2016
MISSION STREET	030	LOS ROBLES AVE	EL MOLINO AVE	R	A	510	55	28,050	69	2/11/2016
MONTEREY PLACE	010	CUL-DE-SAC	S/O MONTEREY PL	R	A	225	33	7,425	69	1/28/2016
ST. ALBANS ROAD	040	ROANOKE RD	LORAIN RD	C	A	1,150	47	54,050	69	2/4/2016
VANDYKE ROAD	010	HUNTINGTON DR	LORAIN RD	R	A	1,600	33	52,800	69	2/8/2016
CHELSEA ROAD	020	HUNTINGTON DR	ROANOKE RD	R	O	525	47	24,675	68	2/10/2016
MIRASOL DRIVE	010	HUNTINGTON DR	RUBIO DR	R	A	1,300	32	41,600	68	2/8/2016
PATTON WAY	3070	EUSTON RD	N. CDS	R	A	649	36	23,364	68	2/5/2016
VERONDA PLACE	010	MONTEREY RD	LA MIRADA AVE	R	A	250	27	6,750	68	1/28/2016
DARBY ROAD	010	GRANADA AVE	OAK KNOLL AVE	R	A	1,150	45	51,750	67	2/9/2016
RAMIRO ROAD	010	N.C.L.	MONTEREY RD	R	A	880	32	28,160	67	2/11/2016
SAN MARINO AVENUE	0110	LOMBARDY RD	ORLANDO RD	C	A	500	37	18,500	67	2/1/2016
DEVONPORT ROAD	010	SANTA ANITA AVE	PALOMAR RD	R	A	970	33	32,010	66	2/2/2016
EL MOLINO AVENUE	060	MONTEREY RD	LA MIRADA AVE	A	A	250	32	8,000	66	2/11/2016
HUNTINGTON DRIVE W/B	1520	STORY PL	EL MOLINO PL	A	O	698	34	23,732	66	2/4/2016
LA MIRADA AVENUE	020	LOS ROBLES AVE	EL MOLINO AVE	R	A	750	28	21,000	66	1/28/2016
LA MIRADA AVENUE	030	EL MOLINO AVE	VERANDA PL	R	A	450	30	13,500	66	1/28/2016
MELVILLE DRIVE	040	KENILWORTH AVE	DEL MAR AVE	R	A	400	37	14,800	66	2/3/2016
OAK KNOLL AVENUE	050	N.C.L.	MONTEREY RD	A	A	240	29	6,960	66	2/10/2016
ALHAMBRA ROAD	010	LORAIN RD	S.C.L.	R	A	270	37	9,990	65	2/2/2016
CALIFORNIA BLVD	060	WINSTON AVE	SANTA ANITA AVE	A	O	400	45	18,000	65	2/2/2016
CANTERBURY ROAD	010	CALIFORNIA BLVD	LOMBARDY RD	R	A	600	37	22,200	65	2/5/2016
HUNTINGTON FRONTAGE W/B	1700	HUNTINGTON DR	EL MOLINO AVE	C	A	591	17	10,047	65	2/4/2016
MONTEREY ROAD	070	ST. ALBANS RD	VIRGINIA RD	A	A	1,550	47	72,850	65	1/28/2016
PALMAS DRIVE	010	SHERWOOD RD	LORAIN RD	R	A	525	38	19,950	65	2/9/2016
CANTERBURY ROAD	020	LOMBARDY RD	CHAUCER RD	R	A	650	37	24,050	64	2/5/2016
KEWEN PLACE	010	CUL-DE-SAC	W/O OAK GROVE AVE	R	A	425	25	10,625	64	2/9/2016



Street Name	Section ID	From	To	FC	Surface Type	Length (ft)	Width (ft)	Area (sf)	PCI	Inspection Date
VIRGINIA ROAD	020	ROSALIND RD	CIRCLE DR	A	A	850	27	22,950	64	2/4/2016
WEMBLEY ROAD	010	MONTEREY RD	HUNTINGTON DR	R	A	680	37	25,160	64	2/9/2016
CALIFORNIA BLVD	030	100' WEST OF GREENWOOD AVE	SAN MARINO AVE	A	O	825	37	30,525	63	2/2/2016
EL MOLINO AVENUE	020	WILSON AVE	PASQUALITO DR	A	A	450	27	12,150	63	2/11/2016
OAK VIEW AVENUE	010	OAK GROVE AVE	S. CDS	R	A	680	27	18,360	63	2/4/2016
OAKWOOD DRIVE	010	MONTECITO DR	SIERRA MADRE BLVD	R	A	842	33	27,786	63	2/11/2016
ROANOKE ROAD	080	SAN MARINO AVE	RIDGEWAY RD	R	A	550	45	24,750	63	2/3/2016
CHESTER AVENUE	030	CALIFORNIA BLVD	LOMBARDY RD	R	A	550	37	20,350	62	2/4/2016
HUNTINGTON FRONTAGE W/B	1710	EL MOLINO AVE	LOS ROBLES AVE	C	A	1,536	17	26,112	62	2/4/2016
HUNTLEY CIRCLE	010	W. CDS	SIERRA MADRE BLVD	R	A	508	33	16,764	62	2/4/2016
MONTECITO DR	010	SAN MARINO AVE	SIERRA MADRE BLVD	R	A	1,480	33	48,840	62	2/8/2016
MONTEREY ROAD	080	VIRGINIA RD	CHARLTON RD	A	A	440	45	19,800	62	1/28/2016
MONTEREY ROAD	090	CHARLTON RD	KENSINGTON RD	A	A	430	45	19,350	62	1/28/2016
SAN MARINO AVENUE	080	EUSTON RD	380' N/O HUNTINGTON DR	A	A	820	32	26,240	62	2/1/2016
STAATS PLACE	010	BANNING WAY	N.C.L.	R	A	50	27	1,350	62	2/11/2016
VALENTINE PLACE	010	CUL-DE-SAC	N/O WILSON AVE	R	A	502	33	16,566	62	2/11/2016
AVONREA ROAD	010	CUL-DE-SAC	N/O Oak St	R	A	790	33	26,070	61	2/5/2016
SOMERSET PLACE	020	WELLESLEY RD	E.C.L.	R	A	800	28	22,400	61	2/1/2016
CANTERBURY ROAD	070	PALOMAR RD	SAN GABRIEL BLVD	R	A	380	33	12,540	60	2/5/2016
PILGRIM PLACE	010	CUL-DE-SAC	E/O LOS ROBLES AVE	R	A	275	33	9,075	60	1/28/2016
HUNTINGTON DRIVE W/B	1650	KENILWORTH AVE	DEL MAR AVE	A	O	925	51	47,175	59	2/4/2016
KENILWORTH AVENUE	020	ADAIR ST	SHERWOOD RD	R	A	425	37	15,725	59	2/8/2016
MONTEREY ROAD	060	OLD MILL RD	ST. ALBANS RD	A	A	700	47	32,900	59	1/28/2016
WINTHROP ROAD	020	EL MOLINO AVE	PLYMOUTH RD	R	A	1,150	27	31,050	59	5/13/2016
HAMPTON ROAD	010	EUSTON RD	MONTEREY RD	R	A	650	33	21,450	58	2/9/2016
PATTON CT	3060	PATTON WAY	E. CDS	R	A	129	32	4,128	58	2/5/2016
CALIFORNIA BLVD	050	SIERRA MADRE BLVD	WINSTON AVE	A	O	400	45	18,000	57	2/2/2016
EUSTON ROAD	010	VIRGINIA RD	WEMBLEY RD	C	A	1,760	32	56,320	57	2/4/2016
ROBIN ROAD	010	DEL MAR AVE	S.C.L.	R	A	1,160	32	37,120	57	2/1/2016
WEMBLEY ROAD	020	EUSTON RD	MONTEREY RD	C	A	915	37	33,855	57	2/9/2016
DUARTE ROAD	040	HILLARD DR	SAN GABRIEL BLVD	C	A	325	45	14,625	56	2/3/2016
KENILWORTH AVENUE	010	SHERWOOD RD	LORAIN RD	R	A	325	37	12,025	56	2/8/2016
TWIN PALMS DRIVE	010	SHERWOOD RD	LORAIN RD	R	A	530	32	16,960	56	2/9/2016
ADAIR STREET	010	OLD MILL RD	ST. ALBANS	R	A	1,040	45	46,800	55	2/3/2016



Street Name	Section ID	From	To	FC	Surface Type	Length (ft)	Width (ft)	Area (sf)	PCI	Inspection Date
ADAIR STREET	020	WESTHAVEN RD	SAN MARINO AVE	R	A	700	37	25,900	55	2/3/2016
BEDFORD ROAD	020	MONTEREY RD	HUNTINGTON	R	A	530	37	19,610	55	1/29/2016
CANTERBURY ROAD	060	SANTA ANITA AVE	PALOMAR RD	R	A	1,275	33	42,075	55	2/5/2016
OAK GROVE AVENUE	030	ROSALIND RD	SHENANDOAH RD	R	A	1,300	29	37,700	55	2/10/2016
ROANOKE ROAD	070	WESTHAVEN RD	SAN MARINO AVE	R	A	650	37	24,050	55	2/3/2016
SAN SALVATORE PLACE	010	ROSE AVE	S.C.L.	R	A	330	31	10,230	55	2/1/2016
ARDMORE ROAD	010	EL MOLINO AVE	N.C.L.	R	A	350	32	11,200	54	2/11/2016
CALIFORNIA BLVD	040	SAN MARINO AVE	SIERRA MADRE BLVD	A	O	2,045	37	75,665	54	2/2/2016
LA CALA PLACE	010	CUL-DE-SAC	N/O WILSON AVE	R	A	350	36	12,600	54	2/11/2016
MONTEREY ROAD	020	LOS ROBLES AVE	EL MOLINO AVE	A	A	650	37	24,050	54	1/28/2016
CHAUCER ROAD	040	LOMBARDY RD	CALIFORNIA BLVD	R	A	600	37	22,200	53	2/1/2016
EL MOLINO AVENUE	010	PASQUALITO DR	HUNTINGTON DR	A	A	380	32	12,160	53	2/11/2016
LAS FLORES AVENUE	010	BUENA VISTA ST	MISSION ST	R	A	900	27	24,300	53	2/11/2016
OAK KNOLL AVENUE	040	MONTEREY RD	HUNTINGTON DR	A	A	1,950	29	56,550	53	2/10/2016
ROXBURY ROAD	010	GRANADA AVE	OAK KNOLL AVE	R	A	1,100	37	40,700	53	2/9/2016
CANTERBURY ROAD	030	CHAUCER RD	SIERRA MADRE BLVD	R	A	750	37	27,750	52	2/5/2016
HOMET ROAD	010	SAN MARINO AVE	BONITA AVE	R	A	1,230	38	46,740	52	2/1/2016
KENILWORTH AVENUE	030	MELVILLE DR	ADAIR ST	R	A	440	37	16,280	52	2/8/2016
CALIFORNIA BLVD	070	SANTA ANITA AVE	SAN GABRIEL BLVD	A	O	1,345	53	71,285	51	2/2/2016
SHERWOOD ROAD	080	RIDGEWAY RD	KENILWORTH AVE	R	A	520	37	19,240	51	1/29/2016
WINSTON AVENUE	040	CALIFORNIA BLVD	LOMBARDY RD	R	A	650	39	25,350	51	2/5/2016
CARLISLE DRIVE	010	SHERWOOD RD	LORAIN RD	R	A	530	32	16,960	50	2/9/2016
CHESTER AVENUE	010	CHAUCER RD	ROBLES AVE	R	A	750	37	27,750	50	2/4/2016
HUNTINGTON DRIVE W/B	1640	RIDGEWAY RD	KENILWORTH AVE	A	O	838	51	42,738	50	2/5/2016
SHERWOOD ROAD	070	SAN MARINO AVE	RIDGEWAY RD	R	A	550	37	20,350	50	1/29/2016
CHESTER AVENUE	020	LOMBARDY RD	CHAUCER RD	R	A	1,073	37	39,701	49	2/4/2016
LOMBARDY ROAD	010	W.C.L.	ALLEN AVE	C	A	200	23	4,600	49	2/2/2016
ROBLES AVENUE	010	SAN MARINO AVE	SIERRA MADRE BLVD	R	A	1,500	37	55,500	49	2/3/2016
ALPINE DRIVE	010	LORAIN RD	SHERWOOD RD	R	A	575	32	18,400	48	2/11/2016
CAMBRIDGE ROAD	010	MONTEREY RD	HUNTINGTON DR	R	A	580	37	21,460	48	2/9/2016
CAMBRIDGE ROAD	020	EUSTON RD	MONTEREY RD	R	A	800	37	29,600	48	2/9/2016
AVONDALE ROAD	010	ORLANDO RD	ORLANDO RD	R	A	2,000	37	74,000	47	2/5/2016
HUNTINGTON DRIVE W/B	1530	EL MOLINO PL	GRANADA AVE	A	O	864	34	29,376	47	2/4/2016
LONGDEN DR (WB)	010	DEL MAR AVE	SAN MARINO AVE	C	A	1,297	18	23,346	47	2/5/2016



Street Name	Section ID	From	To	FC	Surface Type	Length (ft)	Width (ft)	Area (sf)	PCI	Inspection Date
RIDGEWAY ROAD	010	SHERWOOD RD	LORAIN RD	R	A	425	37	15,725	47	2/9/2016
RUBIO DRIVE	010	MELVILLE DR	LORAIN RD	R	A	475	33	15,675	47	2/8/2016
CHAUCER ROAD	010	SAN MARINO AVE	CHESTER AVE	R	A	900	37	33,300	46	2/1/2016
PASQUALITO DRIVE	030	EL MOLINO AVE	GRANADA AVE	R	A	850	32	27,200	46	2/11/2016
SHERWOOD ROAD	090	KENILWORTH AVE	DEL MAR AVE	R	A	475	32	15,200	46	1/29/2016
CHAUCER ROAD	020	CHESTER AVE	CANTERBURY RD	R	A	400	37	14,800	45	2/1/2016
EUCLID AVE	020	BUENA VISTA ST	MISSION ST	R	A	925	27	24,975	45	2/1/2016
PALOMAR ROAD	030	SHAKESPEARE DR	GAINSBOROUGH DR	R	A	330	41	13,530	45	2/5/2016
BUENA VISTA STREET	010	LOS FLORES AVE	N.C.L.	R	A	570	27	15,390	44	2/11/2016
HUNTINGTON DRIVE W/B	1600	WEMBLEY RD	CAMBRIDGE RD	A	A	399	37	14,763	44	2/5/2016
KENILWORTH AVENUE	040	ROANOKE RD	MELVILLE DR	R	A	430	37	15,910	44	2/8/2016
OAK KNOLL AVENUE	020	SHERWOOD RD	DARBY RD	R	A	1,100	45	49,500	44	2/10/2016
SHERWOOD ROAD	010	GRANADA AVE	OAK KNOLL AVE	C	A	550	48	26,400	44	1/29/2016
BEDFORD ROAD	030	EUSTON RD	MONTEREY RD	R	A	750	37	27,750	43	1/29/2016
BERKELEY AVENUE	010	N.C.L.	CALIFORNIA BLVD	R	A	330	32	10,560	43	2/2/2016
CHAUCER ROAD	030	CANTERBURY RD	LOMBARDY RD	R	A	550	37	20,350	43	2/1/2016
CHELSEA ROAD	030	OLD MILL RD	HUNTINGTON DR	R	O	1,330	47	62,510	43	2/10/2016
HUNTINGTON DRIVE W/B	1580	WARWICK RD	52 W/O VIRGINIA RD.	A	A	358	43	15,394	43	2/5/2016
HUNTINGTON DRIVE W/B	1620	BEDFORD RD	MONTEREY RD	A	A	913	75	68,475	43	2/5/2016
LOMBARDY ROAD	040	SAN MARINO AVE	CHESTER AVE	A	A	425	37	15,725	43	2/2/2016
LOMBARDY ROAD	080	SIERRA MADRE BLVD	WINSTON AVE	A	A	330	37	12,210	43	2/2/2016
LOMBARDY ROAD	100	SANTA ANITA AVE	SAN GABRIEL BLVD	A	A	1,430	37	52,910	43	2/2/2016
RIDGEWAY ROAD	020	ADAIR ST	SHERWOOD RD	R	A	375	37	13,875	43	2/9/2016
WOODSTOCK ROAD	010	SHENANDOAH RD	S. CDS	R	A	549	24	13,176	43	2/5/2016
SHERWOOD ROAD	060	WESTHAVEN RD	SAN MARINO AVE	C	A	825	37	30,525	42	1/29/2016
ADAIR STREET	030	SAN MARINO AVE	RIDGEWAY RD	R	A	570	37	21,090	41	2/3/2016
LOMBARDY ROAD	020	ALLEN AVE	250' EAST	A	A	250	23	5,750	41	2/2/2016
MONTEREY ROAD	110	WEMBLEY RD	CAMBRIDGE RD	A	A	420	45	18,900	41	1/28/2016
ORLANDO ROAD	010	ROSALIND RD	CAMERON DR	R	A	1,150	22	25,300	41	2/5/2016
ORLANDO ROAD	020	CAMERON DR	AVONDALE RD	R	A	1,020	45	45,900	41	2/5/2016
SHERWOOD ROAD	020	OAK KNOLL AVE	OLD MILL RD	C	A	600	48	28,800	41	1/29/2016
ST. ALBANS ROAD	010	MILL LANE	MONTEREY RD	C	A	1,150	40	46,000	41	2/4/2016
ADAIR STREET	040	RIDGEWAY RD	KENILWORTH AVE	R	A	570	37	21,090	40	2/3/2016
LA MIRADA AVENUE	010	W/O LOS ROBLES AVE	LOS ROBLES AVE	R	A	300	30	9,000	40	1/28/2016



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LOMBARDY ROAD	090	WINSTON AVE	SANTA ANITA AVE	A	A	350	37	12,950	40	2/2/2016
MONTEREY ROAD	100	KENSINGTON RD	WEMBLEY RD	A	A	550	45	24,750	40	1/28/2016
OXFORD ROAD	010	EUSTON RD	MONTEREY RD	R	A	825	37	30,525	40	2/5/2016
RIDGEWAY ROAD	040	ROANOKE RD	MELVILLE DR	R	A	400	37	14,800	40	2/9/2016
ROSALIND ROAD	020	OAK GROVE AVE	N.C.L.	R	A	2,775	32	88,800	40	5/13/2016
WILSON AVENUE	010	LOS ROBLES AVE	EL MOLINO AVE	R	A	940	32	30,080	40	2/11/2016
AFTON ROAD	010	GRANADA AVE	OAK KNOLL AVE	R	A	630	45	28,350	39	2/3/2016
MELVILLE DRIVE	060	RUBIO DR	LORAIN RD	R	A	990	37	36,630	39	5/13/2016
MISSION STREET	020	W.C.L.	EUCLID AVE	R	A	420	52	21,840	39	2/11/2016
WINSTON AVENUE	030	LOMBARDY RD	CANTERBURY RD	R	A	900	37	33,300	39	2/5/2016
ASHBOURNE DRIVE	010	W END	LOS ROBLES	R	A	950	33	31,350	38	2/11/2016
EL MOLINO PLACE	010	PASQUALITO DR	HUNTINGTON DR	R	A	350	32	11,200	38	5/13/2016
GREENWOOD AVENUE	010	N.C.L.	CALIFORNIA BLVD	R	A	330	32	10,560	38	2/2/2016
RALEIGH DR	010	SIERRA MADRE BLVD	WINSTON AVE	R	A	605	32	19,360	38	2/8/2016
RIDGEWAY ROAD	030	MELVILLE DR	ADAIR ST	R	A	375	37	13,875	38	2/9/2016
SAN MARINO AVENUE (NB)	070NB	HUNTINGTON DR	380' N/O HUNTINGTON DR	A	A	380	22	8,360	38	2/1/2016
WINTHROP ROAD	010	LOS ROBLES AVE	EL MOLINO AVE	R	A	940	27	25,380	38	1/28/2016
CIRCLE DRIVE	010	VIRGINIA RD	OAK GROVE AVE	R	A	2,000	23	46,000	37	2/9/2016
DEL MAR AVENUE	010	HUNTINGTON DR	LORAIN RD	A	A	2,150	54	116,100	37	2/9/2016
MARINO TERRACE	010	CUL-DE-SAC	N/O MONTEREY RD	R	A	380	33	12,540	37	1/28/2016
OLD MILL ROAD	020	HUNTINGTON DR	ROANOKE RD	R	A	400	48	19,200	37	2/10/2016
OLD MILL ROAD	050	LOS ROBLES AVE	EL MOLINO AVE	R	A	350	27	9,450	37	2/4/2016
HUNTINGTON DRIVE W/B	1589	283 E/O VIRGINIA RD.	CHARLTON RD	A	A	239	38	9,082	36	2/5/2016
HUNTINGTON DRIVE W/B	1610	CAMBRIDGE RD	BEDFORD RD	A	A	817	37	30,229	36	2/5/2016
WESTHAVEN ROAD	010	SHERWOOD RD	LORAIN RD	R	A	430	37	15,910	36	1/29/2016
CAMERON DRIVE	010	N.C.L.	ORLANDO RD	R	A	275	25	6,875	35	2/5/2016
KENILWORTH AVENUE	050	HUNTINGTON DR	ROANOKE RD	R	A	370	37	13,690	35	2/8/2016
MESA ROAD	010	VIRGINIA RD	OAK GROVE AVE	R	A	650	27	17,550	35	2/9/2016
MONTEREY ROAD	040	RAMIRO RD	OAK KNOLL AVE	A	A	809	37	29,933	35	2/4/2016
OLD MILL ROAD	010	ROANOKE RD	SHERWOOD RD	R	A	800	48	38,400	35	2/11/2016
SHERWOOD ROAD	050	WEST DR	WESTHAVEN RD	C	A	1,025	32	32,800	35	1/29/2016
SIERRA MADRE FRONTAGE S/B	4080	ALLEY N/O HUNTINGTON DR	HUNTINGTON DR	A	A	452	46	20,792	35	2/4/2016
COURTLAND AVENUE	010	OAK KNOLL AVE	MONTEREY RD	R	A	1,175	32	37,600	34	2/10/2016
HOLLADAY ROAD	010	N.C.L.	ORLANDO RD	R	A	170	48	8,160	34	2/10/2016



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ADAIR STREET	050	KENILWORTH AVE	DEL MAR AVE	R	A	430	32	13,760	33	2/3/2016
HUNTINGTON DRIVE W/B	1560	OLD MILL RD	50 W. OF ST. ALBANS RD	A	A	448	43	19,264	33	2/4/2016
MISSION STREET	010	EUCLID AVE	LOS ROBLES AVE	R	A	440	52	22,880	33	2/11/2016
OLD MILL ROAD	040	N.C.L.	MONTEREY RD	R	A	1,000	36	36,000	33	2/4/2016
ROANOKE ROAD	050	WINDSOR RD	WARWICK RD	R	A	350	44	15,400	33	2/3/2016
CALLITA PLACE	490	GARFIELD AVE	E. CDS	R	A	183	29	5,307	32	2/5/2016
ORLANDO ROAD	040	OXFORD RD	SAN MARINO AVE	R	A	600	38	22,800	32	2/5/2016
ROANOKE ROAD	060	WARWICK RD	VIRGINIA RD	R	A	350	44	15,400	32	2/3/2016
SIERRA MADRE FRONTAGE N/B	4070	RIDGEWAY RD	SIERRA MADRE BLVD	A	A	412	43	17,716	32	2/5/2016
DEL MAR AVENUE	020	LORAIN RD	LONGDEN AVE	A	A	1,500	54	81,000	31	2/3/2016
ROANOKE ROAD	040	ST. ALBANS RD	WINDSOR RD	R	A	350	44	15,400	31	5/13/2016
RIDGEWAY ROAD	050	HUNTINGTON DR	ROANOKE RD	R	A	375	46	17,250	30	2/9/2016
URMSTON PLACE	010	CUL-DE-SAC	N/O WILSON AVE	R	A	248	33	8,184	30	2/11/2016
WINSTON AVENUE	050	N.C.L.	CALIFORNIA BLVD	R	A	330	39	12,870	30	2/5/2016
BANNING WAY	010	MONTEREY RD	N.C.L.	R	A	350	27	9,450	29	2/10/2016
LOMBARDY ROAD	050	CHESTER AVE	CANTERBURY RD	A	A	475	37	17,575	29	5/13/2016
OAK GROVE AVENUE	040	SHENANDOAH RD	ROSALIND RD	R	A	3,000	27	81,000	29	2/10/2016
OAK LANE	010	OAK GROVE AVE	E. CDS	R	A	365	27	9,855	29	2/5/2016
SHERWOOD ROAD	030	OLD MILL RD	ST. ALBANS RD	R	A	1,200	45	54,000	29	1/29/2016
VIRGINIA ROAD	030	CIRCLE DR	MILL LANE	A	A	380	27	10,260	29	2/4/2016
PASQUALITO DRIVE	020	300' W/O EL MOLINO AVE	EL MOLINO AVE	R	A	300	32	9,600	28	5/13/2016
SHENANDOAH ROAD	010	MONTEREY RD	HUNTINGTON DR	R	A	650	47	30,550	28	2/10/2016
HUNTINGTON DRIVE W/B	1550	CHELSEA RD	OLD MILL RD	A	A	950	44	41,800	27	2/5/2016
HUNTINGTON DRIVE W/B	1570	269 E/O ST ALBANS RD	WARWICK RD	A	A	595	42	24,990	26	2/5/2016
LORAIN ROAD	040	WEST DR	WEST HAVEN RD	C	A	1,100	45	49,500	26	2/9/2016
ROANOKE ROAD	030	OLD MILL RD	ST. ALBANS RD	R	A	350	44	15,400	26	2/3/2016
EL MOLINO AVENUE	080	N.C.L.	MISSION ST	A	A	650	32	20,800	25	2/11/2016
ORLANDO ROAD	030	AVONDALE RD	OXFORD RD	R	A	3,050	38	115,900	25	2/5/2016
ORLANDO ROAD	050	SAN MARINO AVE	CHESTER AVE	R	A	650	37	24,050	25	5/13/2016
EUSTON ROAD	020	WEMBLEY RD	WAVERLY RD	C	A	890	37	32,930	24	2/4/2016
WESTHAVEN ROAD	020	HUNTINGTON DR	SHERWOOD RD	R	A	1,650	37	61,050	24	1/29/2016
WINSTON AVENUE	020	CANTERBURY RD	ROBLES AVE	R	A	800	37	29,600	24	2/5/2016
HUNTINGTON DRIVE W/B	1540	GRANADA AVE	CHELSEA RD	A	A	1,147	44	50,468	23	2/5/2016
HUNTINGTON DRIVE W/B	1590	CHARLTON RD	WEMBLEY RD	A	A	826	37	30,562	23	2/4/2016



Street Name	Section ID	From	To	FC	Surface Type	Length (ft)	Width (ft)	Area (sf)	PCI	Inspection Date
LOMBARDY ROAD	030	250' E/O ALLEN	SAN MARINO AVE	A	A	1,050	37	38,850	22	2/2/2016
ROANOKE ROAD	090	RIDGEWAY RD	KENILWORTH AVE	R	A	650	37	24,050	21	2/3/2016
PALOMAR ROAD	040	WALLINGFORD RD	SHAKESPEARE DR	R	A	300	33	9,900	20	2/5/2016
CANON DRIVE	010	W.C.L.	VIRGINIA RD	R	A	830	14	11,620	19	2/9/2016
STRATFORD ROAD	010	OXFORD RD	SAN MARINO AVE	R	A	450	40	18,000	19	5/13/2016
SHENANDOAH ROAD	020	OAK GROVE AVE	VIRGINIA RD	R	A	1,170	23	26,910	18	2/10/2016
VIRGINIA ROAD	010	OAK GROVE AVE	ROSALIND RD	R	A	1,900	27	51,300	16	2/4/2016
EL MOLINO AVENUE	050	LA MIRADA AVE	PLYMOUTH RD	A	A	250	32	8,000	14	2/11/2016
EL MOLINO AVENUE	070	MISSION ST	MONTEREY RD	C	A	725	32	23,200	14	2/11/2016
SIERRA VISTA AVENUE	010	N.C.L.	CALIFORNIA BLVD	R	A	330	32	10,560	14	2/2/2016
SAN MARINO AVENUE	120	CALIFORNIA BLVD	LOMBARDY RD	A	A	520	38	19,760	13	2/1/2016
EL MOLINO AVENUE	040	PLYMOUTH RD	WINTHROP RD	A	A	250	32	8,000	12	2/11/2016
OAK GROVE AVENUE	010	N.C.L.	VIRGINIA RD	R	A	896	27	24,192	11	2/10/2016
OXFORD ROAD	020	ORLANDO RD	EUSTON	R	A	2,975	38	113,050	11	2/5/2016
ROBLES AVENUE	020	SIERRA MADRE BLVD	WINSTON AVE	R	A	330	44	14,520	11	2/3/2016
ROANOKE ROAD	010	GRANADA AVE	CHELSEA RD	R	A	875	44	38,500	10	2/3/2016
LOMBARDY ROAD	070	CHAUCER RD	SIERRA MADRE BLVD	A	A	475	37	17,575	8	2/2/2016
ROANOKE ROAD	100	KENILWORTH AVE	DEL MAR AVE	R	A	650	37	24,050	8	2/3/2016
LOMBARDY ROAD	060	CANTERBURY RD	CHAUCER RD	A	A	500	37	18,500	5	2/2/2016

APPENDIX B

Maintenance and Rehabilitation Decision Tree



Maintenance and Rehabilitation (M&R) Decision Tree

This report presents the current maintenance and rehabilitation decision tree that exists in the database. The decision tree forms the basis for all of the budgetary computations that are included in this volume. ***Changes to the decision tree will make the results in the budget reports invalid.*** All pavement treatment unit costs relevant to the street types in the database were updated.

The decision tree lists the treatments and costs selected for preventive maintenance and rehabilitation activities. Each line represents a specific combination of functional classification and surface type.

The preventive maintenance portion of the report is identified as Condition Category I – Very Good. All preventive maintenance treatment listings are assigned only to sections in Condition Category I where the PCI \geq 70. Sections with PCI values less than 70 are assigned to treatments listed in Categories II through V.

In the preventive maintenance category (PCI \geq 70), a time sequence is used to identify the appropriate treatment and cost. Each preventive maintenance treatment description consists of three parts: 1) a CRACK treatment, 2) a SURFACE treatment, and 3) a RESTORATION treatment. These three parts allow the user to specify one of three different preventive maintenance treatments depending on the prior maintenance history of the section.

1. The CRACK treatment part can be used to specify the most frequent type of preventive maintenance activity planned (typically crack seals).
2. The SURFACE treatment part can be used to specify more extensive and less frequent preventive maintenance activities, such as chip seals or slurry seals. For example, a crack seal can be specified on a 3-year cycle with a slurry seal specified after 5 years.
3. The RESTORATION part can be used to specify a surface restoration treatment (such as an overlay) to be performed after a specified number of surface treatments. For example, after a certain number of successive slurry seals, an overlay can be specified instead of another slurry seal.

Rehabilitation treatments are assigned to sections in Condition Categories II through V (PCI less than 70). Each line is defined by a specific combination of functional classification, surface type, and condition category.

COLUMN	DESCRIPTION
Functional Class	Functional Classification identifying the branch number.
Surface	Surface Type identifying the branch number.
Condition Category	Condition Category (I through V).
Treatment Type	First Row (Crack Treatment) indicates localized treatment (e.g. crack sealing). Second Row (Surface Treatment) indicates surface treatment (e.g. slurry sealing). Third Row (Restoration Treatment) indicates surface restoration (e.g. overlay).
Treatment	Name of treatments from the "Treatment Descriptions" report.
Yrs. Between Crack Seals	First Row - number of years between successive treatment applications specified in the first row (i.e. CRACK treatment).
Yrs. Between Surface Seals	Second Row - number of years between successive treatment applications specified in the second row (i.e. SURFACE treatment).
Number of Sequential Seals	Number of times that the treatment application in the second row (i.e. SURFACE treatment) will be performed prior to performing the treatment application in the third row.

Note that the treatments assigned to each section should not be blindly followed in preparing a street maintenance program. Engineering judgment and project level analysis should be applied to ensure that the treatment is appropriate and cost effective for the section.

Decision Tree

Printed: 05/12/2016

Functional Class	Surface	Condition Category	Treatment Type	Treatment	Cost/Sq Yd, except Seal Cracks in LF:	Yrs Between Crack Seals	Yrs Between Surface Seals	# of Surface Seals before Overlay
Arterial	AC	I - Very Good	Crack Treatment	DO NOTHING	\$0.00	9		
			Surface Treatment	DO NOTHING	\$0.00		9	
			Restoration Treatment	DO NOTHING	\$0.00			99
		II - Good, Non-Load Related		THIN AC OVERLAY	\$20.25			
		III - Good, Load Related		THIN AC OVERLAY W/ DIGOUTS	\$22.50			
		IV - Poor		THICK AC OVERLAY W/ DIGOUTS	\$48.50			
	V - Very Poor		RECONSTRUCT STRUCTURE (AC)	\$76.50				
	AC/AC	I - Very Good	Crack Treatment	DO NOTHING	\$0.00	9		
			Surface Treatment	DO NOTHING	\$0.00		9	
			Restoration Treatment	DO NOTHING	\$0.00			99
		II - Good, Non-Load Related		THIN AC OVERLAY	\$20.25			
		III - Good, Load Related		THIN AC OVERLAY W/ DIGOUTS	\$22.50			
		IV - Poor		THICK AC OVERLAY W/ DIGOUTS	\$48.50			
	V - Very Poor		RECONSTRUCT STRUCTURE (AC)	\$76.50				
	AC/PCC	I - Very Good	Crack Treatment	DO NOTHING	\$0.00	9		
			Surface Treatment	DO NOTHING	\$0.00		9	
			Restoration Treatment	DO NOTHING	\$0.00			99
		II - Good, Non-Load Related		DO NOTHING	\$0.00			
		III - Good, Load Related		DO NOTHING	\$0.00			
		IV - Poor		DO NOTHING	\$0.00			
	V - Very Poor		DO NOTHING	\$0.00				
PCC	I - Very Good	Crack Treatment	DO NOTHING	\$0.00	9			
		Surface Treatment	DO NOTHING	\$0.00		99		
		Restoration Treatment	DO NOTHING	\$0.00			100	
	II - Good, Non-Load Related		DO NOTHING	\$0.00				
	III - Good, Load Related		SLAB REPLACEMENT (25%)	\$45.00				
	IV - Poor		SLAB REPLACEMENT (75%)	\$80.00				
	V - Very Poor		SLAB REPLACEMENT (100%)	\$100.00				

 Functional Class and Surface combination not used

Decision Tree

Printed: 05/12/2016

Functional Class	Surface	Condition Category	Treatment Type	Treatment	Cost/Sq Yd, except Seal Cracks in LF:	Yrs Between Crack Seals	Yrs Between Surface Seals	# of Surface Seals before Overlay
Arterial	ST	I - Very Good	Crack Treatment	DO NOTHING	\$0.00	9		
			Surface Treatment	DO NOTHING	\$0.00		99	
			Restoration Treatment	DO NOTHING	\$0.00			100
			II - Good, Non-Load Related	DO NOTHING	\$0.00			
			III - Good, Load Related	DO NOTHING	\$0.00			
			IV - Poor	DO NOTHING	\$0.00			
			V - Very Poor	DO NOTHING	\$0.00			

Decision Tree

Printed: 05/12/2016

Functional Class	Surface	Condition Category	Treatment Type	Treatment	Cost/Sq Yd, except Seal Cracks in LF:	Yrs Between Crack Seals	Yrs Between Surface Seals	# of Surface Seals before Overlay
Collector	AC	I - Very Good	Crack Treatment	SEAL CRACKS	\$1.00	3		
			Surface Treatment	SLURRY SEAL	\$3.35		7	
			Restoration Treatment	THIN AC OVERLAY	\$15.15			3
		II - Good, Non-Load Related		THIN AC OVERLAY	\$15.15			
		III - Good, Load Related		THIN AC OVERLAY W/ DIGOUTS	\$17.50			
		IV - Poor		THICK AC OVERLAY W/ DIGOUTS	\$38.50			
		V - Very Poor		RECONSTRUCT STRUCTURE (AC)	\$59.25			
	AC/AC	I - Very Good	Crack Treatment	SEAL CRACKS	\$1.00	3		
			Surface Treatment	SLURRY SEAL	\$3.35		7	
			Restoration Treatment	THIN AC OVERLAY	\$15.15			3
		II - Good, Non-Load Related		THIN AC OVERLAY	\$15.15			
		III - Good, Load Related		THIN AC OVERLAY W/ DIGOUTS	\$17.50			
		IV - Poor		THICK AC OVERLAY W/ DIGOUTS	\$38.50			
		V - Very Poor		RECONSTRUCT STRUCTURE (AC)	\$59.25			
	AC/PCC	I - Very Good	Crack Treatment	DO NOTHING	\$0.00	9		
			Surface Treatment	DO NOTHING	\$0.00		9	
			Restoration Treatment	DO NOTHING	\$0.00			99
		II - Good, Non-Load Related		DO NOTHING	\$0.00			
		III - Good, Load Related		DO NOTHING	\$0.00			
		IV - Poor		DO NOTHING	\$0.00			
		V - Very Poor		DO NOTHING	\$0.00			
PCC	I - Very Good	Crack Treatment	DO NOTHING	\$0.00	9			
		Surface Treatment	DO NOTHING	\$0.00		99		
		Restoration Treatment	DO NOTHING	\$0.00			100	
	II - Good, Non-Load Related		DO NOTHING	\$0.00				
	III - Good, Load Related		DO NOTHING	\$0.00				
	IV - Poor		DO NOTHING	\$0.00				
	V - Very Poor		DO NOTHING	\$0.00				

 Functional Class and Surface combination not used

Decision Tree

Printed: 05/12/2016

Functional Class	Surface	Condition Category	Treatment Type	Treatment	Cost/Sq Yd, except Seal Cracks in LF:	Yrs Between Crack Seals	Yrs Between Surface Seals	# of Surface Seals before Overlay
Collector	ST	I - Very Good	Crack Treatment	DO NOTHING	\$0.00	9		
			Surface Treatment	DO NOTHING	\$0.00		99	
			Restoration Treatment	DO NOTHING	\$0.00			100
		II - Good, Non-Load Related		DO NOTHING	\$0.00			
		III - Good, Load Related		DO NOTHING	\$0.00			
		IV - Poor		DO NOTHING	\$0.00			
		V - Very Poor		DO NOTHING	\$0.00			

Decision Tree

Printed: 05/12/2016

Functional Class	Surface	Condition Category	Treatment Type	Treatment	Cost/Sq Yd, except Seal Cracks in LF:	Yrs Between Crack Seals	Yrs Between Surface Seals	# of Surface Seals before Overlay
Residential/Local	AC	I - Very Good	Crack Treatment	SEAL CRACKS	\$1.00	3		
			Surface Treatment	SLURRY SEAL	\$3.25		7	
			Restoration Treatment	THIN AC OVERLAY	\$14.75			3
		II - Good, Non-Load Related		THIN AC OVERLAY	\$14.75			
		III - Good, Load Related		THIN AC OVERLAY W/ DIGOUTS	\$17.00			
		IV - Poor		THICK AC OVERLAY W/ DIGOUTS	\$37.15			
		V - Very Poor		RECONSTRUCT STRUCTURE (AC)	\$57.25			
	AC/AC	I - Very Good	Crack Treatment	SEAL CRACKS	\$1.00	3		
			Surface Treatment	SLURRY SEAL	\$3.25		7	
			Restoration Treatment	THIN AC OVERLAY	\$14.75			3
		II - Good, Non-Load Related		THIN AC OVERLAY	\$14.75			
		III - Good, Load Related		THIN AC OVERLAY W/ DIGOUTS	\$17.00			
		IV - Poor		THICK AC OVERLAY W/ DIGOUTS	\$37.15			
		V - Very Poor		RECONSTRUCT STRUCTURE (AC)	\$57.25			
	AC/PCC	I - Very Good	Crack Treatment	DO NOTHING	\$0.00	9		
Surface Treatment			DO NOTHING	\$0.00		9		
Restoration Treatment			DO NOTHING	\$0.00			99	
II - Good, Non-Load Related			DO NOTHING	\$0.00				
III - Good, Load Related			DO NOTHING	\$0.00				
IV - Poor			DO NOTHING	\$0.00				
	V - Very Poor		DO NOTHING	\$0.00				
PCC	I - Very Good	Crack Treatment	DO NOTHING	\$0.00	9			
		Surface Treatment	DO NOTHING	\$0.00		99		
		Restoration Treatment	DO NOTHING	\$0.00			100	
	II - Good, Non-Load Related		DO NOTHING	\$0.00				
	III - Good, Load Related		DO NOTHING	\$0.00				
	IV - Poor		DO NOTHING	\$0.00				
	V - Very Poor		DO NOTHING	\$0.00				

 Functional Class and Surface combination not used

Decision Tree

Printed: 05/12/2016

Functional Class	Surface	Condition Category	Treatment Type	Treatment	Cost/Sq Yd, except Seal Cracks in LF:	Yrs Between Crack Seals	Yrs Between Surface Seals	# of Surface Seals before Overlay	
Residential/Local	ST	I - Very Good	Crack Treatment	DO NOTHING	\$0.00	9			
			Surface Treatment	DO NOTHING	\$0.00		99		
			Restoration Treatment	DO NOTHING	\$0.00			100	
			II - Good, Non-Load Related		DO NOTHING	\$0.00			
			III - Good, Load Related		DO NOTHING	\$0.00			
			IV - Poor		DO NOTHING	\$0.00			
			V - Very Poor		DO NOTHING	\$0.00			

Decision Tree

Printed: 05/12/2016

Functional Class	Surface	Condition Category	Treatment Type	Treatment	Cost/Sq Yd, except Seal Cracks in LF:	Yrs Between Crack Seals	Yrs Between Surface Seals	# of Surface Seals before Overlay
Other	AC	I - Very Good	Crack Treatment	DO NOTHING	\$0.00	9		
			Surface Treatment	DO NOTHING	\$0.00		9	
			Restoration Treatment	DO NOTHING	\$0.00			99
		II - Good, Non-Load Related		DO NOTHING	\$0.00			
		III - Good, Load Related		DO NOTHING	\$0.00			
		IV - Poor		DO NOTHING	\$0.00			
		V - Very Poor		DO NOTHING	\$0.00			
	AC/AC	I - Very Good	Crack Treatment	DO NOTHING	\$0.00	9		
			Surface Treatment	DO NOTHING	\$0.00		9	
			Restoration Treatment	DO NOTHING	\$0.00			99
		II - Good, Non-Load Related		DO NOTHING	\$0.00			
		III - Good, Load Related		DO NOTHING	\$0.00			
		IV - Poor		DO NOTHING	\$0.00			
		V - Very Poor		DO NOTHING	\$0.00			
	AC/PCC	I - Very Good	Crack Treatment	DO NOTHING	\$0.00	9		
			Surface Treatment	DO NOTHING	\$0.00		9	
			Restoration Treatment	DO NOTHING	\$0.00			99
		II - Good, Non-Load Related		DO NOTHING	\$0.00			
		III - Good, Load Related		DO NOTHING	\$0.00			
		IV - Poor		DO NOTHING	\$0.00			
		V - Very Poor		DO NOTHING	\$0.00			
PCC	I - Very Good	Crack Treatment	DO NOTHING	\$0.00	9			
		Surface Treatment	DO NOTHING	\$0.00		99		
		Restoration Treatment	DO NOTHING	\$0.00			100	
	II - Good, Non-Load Related		DO NOTHING	\$0.00				
	III - Good, Load Related		DO NOTHING	\$0.00				
	IV - Poor		DO NOTHING	\$0.00				
	V - Very Poor		DO NOTHING	\$0.00				

 Functional Class and Surface combination not used

Decision Tree

Printed: 05/12/2016

Functional Class	Surface	Condition Category	Treatment Type	Treatment	Cost/Sq Yd, except Seal Cracks in LF:	Yrs Between Crack Seals	Yrs Between Surface Seals	# of Surface Seals before Overlay	
Other	ST	I - Very Good	Crack Treatment	DO NOTHING	\$0.00	9			
			Surface Treatment	DO NOTHING	\$0.00		99		
			Restoration Treatment	DO NOTHING	\$0.00			100	
			II - Good, Non-Load Related		DO NOTHING	\$0.00			
			III - Good, Load Related		DO NOTHING	\$0.00			
			IV - Poor		DO NOTHING	\$0.00			
			V - Very Poor		DO NOTHING	\$0.00			

APPENDIX C

Budget Needs

Projected PCI / Cost Summary

Rehabilitation Treatment / Cost Summary

Preventive Treatment / Cost Summary



Budget Needs Reports

The purpose of this module is to answer the question: ***If the City had all the money in the world, what sections should be fixed and how much will it cost?*** Based on the Maintenance & Rehabilitation (M&R) decision tree and the PCIs of the sections, the program will then select a maintenance or rehabilitation action and compute the total costs over a period of ten years. The Budget Needs represents the "ideal world" funding levels, while the Budget Scenarios reports in the next section represent the most "cost effective" prioritization possible for the actual funding levels.

A budget needs analysis has been performed. The summary results from the analysis are shown below. An interest rate of 3% and an inflation factor of 3% were used to project the costs for the next ten years. This report shows the total ten-year budget that would be required to meet the City's standards as exemplified in the M&R decision tree.

As indicated in the report, with a budget of 359 million dollars over the next ten years the PCI of the street network will improve from the current level of 69 to 85 by 2025. If no treatments are programmed, the weighted average PCI is projected to deteriorate from 69 to 47 by 2025.

Budget Needs reports included in this volume are listed below:

- Projected PCI/Cost Summary
- Preventative Maintenance Treatment/Cost Summary
- Rehabilitation Treatment/Cost Summary



Needs - Projected PCI /Cost Summary

This report summarizes and projects the City's network PCI values over a ten-year period, both with and without treatments applied. These costs are based on those in the M&R decision tree. It also projects the costs over a ten-year period.

COLUMN	DESCRIPTION
Year	Year in the analysis period.
PCI Treated	Projected network average PCI with all needed treatments applied.
PCI Untreated	Projected network average PCI without any treatments applied.
PM Cost	Total preventive maintenance treatment cost.
Rehab Cost	Total rehabilitation treatment cost.
Cost	The budget required for each year in the analysis period to meet the City's standard as shown on the M&R decision tree.
Total Cost	Total budget required over a ten-year period.

Needs - Projected PCI/Cost Summary

Inflation Rate = 3.00 % Printed: 05/16/2016

Year	PCI Treated	PCI Untreated	PM Cost	Rehab Cost	Cost	
2016	82	65	\$543,590	\$13,407,908	\$13,951,498	
2017	81	62	\$41,205	\$4,041,488	\$4,082,693	
2018	83	60	\$106,125	\$4,810,505	\$4,916,630	
2019	85	57	\$136,856	\$4,162,531	\$4,299,387	
2020	85	55	\$115,562	\$2,705,866	\$2,821,428	
2021	85	52	\$1,391	\$1,932,294	\$1,933,685	
2022	85	50	\$9,113	\$1,547,129	\$1,556,242	
2023	86	48	\$1,780,043	\$577,057	\$2,357,100	
2024	85	45	\$453,140	\$91,253	\$544,393	
2025	84	43	\$422,073	\$326,756	\$748,829	
			% PM	PM Total Cost	Rehab Total Cost	Total Cost
			9.70%	\$3,609,098	\$33,602,787	\$37,211,885



Needs - Rehabilitation Treatment/Cost Summary

This report summarizes each rehabilitation treatment type, quantity of pavement affected, and total costs over the ten-year period. It also summarizes the total quantities and costs over the next ten years.

COLUMN	DESCRIPTION
Treatment	Type of rehabilitation treatments needed.
Year	Year in the analysis period (i.e. 2016, 2017..., 2024 and 2025).
Area Treated	Quantities in square yard.
Cost	Rehabilitation treatment cost.

Needs - Rehabilitation Treatment/Cost Summary

Inflation Rate = 3.00 % Printed: 05/16/2016

Treatment	Year	Area Treated	Cost
SLAB REPLACEMENT (25%)	2021	344.67 sq.yd.	\$17,981
	Total	344.67 sq.yd.	\$17,981
THICK AC OVERLAY W/ DIGOUTS	2016	154,253.78 sq.yd.	\$6,150,415
	2017	23,187.22 sq.yd.	\$979,847
	2018	37,030 sq.yd.	\$1,687,112
	2019	42,835 sq.yd.	\$1,843,479
	2020	11,459.22 sq.yd.	\$525,841
	2021	7,580.56 sq.yd.	\$326,474
	Total	276,345.78 sq.yd.	\$11,513,168
THIN AC OVERLAY	2016	73,752.22 sq.yd.	\$1,156,175
	2017	39,851 sq.yd.	\$605,442
	2018	8,892.22 sq.yd.	\$140,259
	2019	2,100 sq.yd.	\$46,469
	2022	2,133.33 sq.yd.	\$51,584
	2023	6,865.56 sq.yd.	\$170,987
	2024	640 sq.yd.	\$16,418
	2025	8,021.22 sq.yd.	\$211,935
	Total	142,255.56 sq.yd.	\$2,399,269
THIN AC OVERLAY W/ DIGOUTS	2016	62,200.67 sq.yd.	\$1,193,263
	2017	18,910.22 sq.yd.	\$335,850
	2018	14,994.44 sq.yd.	\$271,160
	2021	7,804.56 sq.yd.	\$203,572
	2022	18,540 sq.yd.	\$498,101
	2023	14,674.22 sq.yd.	\$406,070
	2024	2,625.56 sq.yd.	\$74,835
	2025	3,911.11 sq.yd.	\$114,821
	Total	143,660.78 sq.yd.	\$3,097,672
RECONSTRUCT STRUCTURE (AC)	2016	78,349.67 sq.yd.	\$4,908,055
	2017	32,493.33 sq.yd.	\$2,120,349
	2018	39,923.33 sq.yd.	\$2,711,974
	2019	32,116.33 sq.yd.	\$2,272,583
	2020	29,182.78 sq.yd.	\$2,180,025
	2021	20,857.22 sq.yd.	\$1,384,267
	2022	14,591.11 sq.yd.	\$997,444
	Total	247,513.78 sq.yd.	\$16,574,697
Total Cost			\$33,602,787



Needs - Preventive Maintenance Treatment/Cost Summary

This report summarizes each preventive maintenance treatment type, quantity of pavement affected, and total costs over the ten-year period. It also summarizes the total quantities and costs over the next ten years.

COLUMN	DESCRIPTION
Treatment	Type of preventive maintenance treatments needed.
Year	Year in the analysis period (i.e. 2016, 2017..., 2024 and 2025).
Area Treated	Quantities in linear feet (Seal Cracks) or square yard (Slurry Seal).
Cost	Maintenance treatment cost.

Needs - Preventive Maintenance Treatment/Cost Summary

Inflation Rate = 3.00 % Printed: 05/16/2016

Treatment	Year	Area Treated		Cost
SEAL CRACKS	2019	4,783.07	ft.	\$5,267
	2020	1,770.37	ft.	\$2,035
	2021	1,179.29	ft.	\$1,391
	2022	7,582.5	ft.	\$9,113
	2023	1,725.45	ft.	\$2,142
	2024	1,646.41	ft.	\$2,109
	2025	1,657.32	ft.	\$2,178
	Total	20,344.42		\$24,235
SLURRY SEAL	2016	166,248.56	sq.yd.	\$543,590
	2017	12,289.67	sq.yd.	\$41,205
	2018	30,728.44	sq.yd.	\$106,125
	2019	36,828.89	sq.yd.	\$131,589
	2020	30,108.89	sq.yd.	\$113,527
	2023	442,615.11	sq.yd.	\$1,777,901
	2024	109,078.67	sq.yd.	\$451,031
	2025	98,793.33	sq.yd.	\$419,895
	Total	926,691.56		\$3,584,863
Total Quantity		947,035.97		\$3,609,098

Scenarios 1 - 3

Scenario 1: City's Current Budget (\$12 Million)
Cost Summary Report
Network Condition Summary Report

Scenarios - Cost Summary

Interest: 3.00%

Inflation: 3.00%

Printed: 05/13/2016

Scenario: Scenario 1: City's Budget \$1.2 M Per Year

Year	PM	Budget	Rehabilitation	Preventative Maintenance	Surplus PM	Deferred	Stop Gap			
2016	\$150,000	\$1,200,000	II	\$575,996	Non-Project	\$154,923	\$0	\$12,752,002	Funded	\$0
			III	\$468,518					Unmet	\$102,275
			IV	\$0	Project	\$0				
			V	\$0						
			Total	\$1,044,514						
			Project	\$0						
2017	\$150,000	\$1,200,000	II	\$597,586	Non-Project	\$159,853	\$0	\$12,916,045	Funded	\$0
			III	\$442,546					Unmet	\$37,521
			IV	\$0	Project	\$0				
			V	\$0						
			Total	\$1,040,132						
			Project	\$0						
2018	\$150,000	\$1,200,000	II	\$763,865	Non-Project	\$152,868	\$0	\$15,513,228	Funded	\$0
			III	\$281,513					Unmet	\$42,772
			IV	\$0	Project	\$0				
			V	\$0						
			Total	\$1,045,378						
			Project	\$0						
2019	\$150,000	\$1,200,000	II	\$46,469	Non-Project	\$152,852	\$0	\$18,219,744	Funded	\$0
			III	\$471,585					Unmet	\$36,232
			IV	\$491,374	Project	\$0				
			V	\$36,889						
			Total	\$1,046,317						
			Project	\$0						
2020	\$150,000	\$1,200,000	II	\$0	Non-Project	\$162,553	\$0	\$20,355,699	Funded	\$0
			III	\$0					Unmet	\$28,096
			IV	\$1,037,381	Project	\$0				
			V	\$0						
			Total	\$1,037,381						
			Project	\$0						
2021	\$150,000	\$1,200,000	II	\$0	Non-Project	\$150,703	\$0	\$23,075,697	Funded	\$0
			III	\$221,553					Unmet	\$130,414
			IV	\$826,069	Project	\$0				
			V	\$0						
			Total	\$1,047,622						
			Project	\$0						

Year	PM	Budget	Rehabilitation		Preventative Maintenance	Surplus PM	Deferred	Stop Gap		
2022	\$52,000	\$1,200,000	II	\$51,584	Non-Project	\$51,654	\$346	\$25,711,257	Funded	\$0
			III	\$498,101					Unmet	\$67,259
			IV	\$597,519	Project	\$0				
			V	\$0						
			Total	\$1,147,204						
			Project	\$0						
2023	\$150,000	\$1,200,000	II	\$170,987	Non-Project	\$150,373	\$0	\$28,441,235	Funded	\$0
			III	\$406,070					Unmet	\$65,634
			IV	\$468,628	Project	\$0				
			V	\$0						
			Total	\$1,045,685						
			Project	\$0						
2024	\$150,000	\$1,200,000	II	\$16,418	Non-Project	\$148,969	\$1,031	\$30,255,919	Funded	\$0
			III	\$74,835					Unmet	\$62,637
			IV	\$919,251	Project	\$0				
			V	\$38,363						
			Total	\$1,048,867						
			Project	\$0						
2025	\$150,000	\$1,200,000	II	\$211,935	Non-Project	\$160,288	\$0	\$32,350,629	Funded	\$0
			III	\$229,294					Unmet	\$50,179
			IV	\$133,299	Project	\$0				
			V	\$463,591						
			Total	\$1,038,119						
			Project	\$0						

Summary				
Functional Class	Rehabilitation	Prev. Maint.	Funded Stop Gap	Unmet Stop Gap
Arterial	\$4,716,375	\$0	\$0	\$174,379
Collector	\$1,082,775	\$494,462	\$0	\$59,572
Residential/Local	\$4,742,069	\$950,574	\$0	\$389,068
Grand Total:	\$10,541,219	\$1,445,036	\$0	\$623,019

Scenarios - Network Condition Summary

Interest: 3%

Inflation: 3%

Printed: 05/13/2016

Scenario: Scenario 1: City's Budget \$1.2 M Per Year

Year	Budget	PM	Year	Budget	PM	Year	Budget	PM
2016	\$1,200,000	\$150,000	2020	\$1,200,000	\$150,000	2024	\$1,200,000	\$150,000
2017	\$1,200,000	\$150,000	2021	\$1,200,000	\$150,000	2025	\$1,200,000	\$150,000
2018	\$1,200,000	\$150,000	2022	\$1,200,000	\$52,000			
2019	\$1,200,000	\$150,000	2023	\$1,200,000	\$150,000			

Projected Network Average PCI by year

Year	Never Treated	With Selected Treatment	Treated Centerline Miles	Treated Lane Miles
2016	65	67	4.98	9.96
2017	62	66	5.14	10.29
2018	60	65	5.55	11.09
2019	57	64	6.27	12.54
2020	55	62	6.93	13.85
2021	52	61	7.35	14.69
2022	50	60	10.12	20.24
2023	48	59	9.01	18.02
2024	45	58	7.49	14.97
2025	43	57	5.88	11.76

Percent Network Area by Functional Class and Condition Category

Condition in base year 2016, prior to applying treatments.

Condition	Arterial	Collector	Res/Loc	Other	Total
I	20.8%	6.6%	21.3%	0.0%	48.7%
II / III	5.7%	2.0%	12.4%	0.0%	20.1%
IV	6.6%	2.1%	16.5%	0.0%	25.2%
V	1.7%	0.5%	4.0%	0.0%	6.1%
Total	34.7%	11.2%	54.1%	0.0%	100.0%

Condition in year 2016 after schedulable treatments applied.

Condition	Arterial	Collector	Res/Loc	Other	Total
I	23.0%	7.2%	22.8%	0.0%	53.1%
II / III	3.5%	1.4%	10.8%	0.0%	15.7%
IV	6.6%	2.1%	16.5%	0.0%	25.2%
V	1.7%	0.5%	4.0%	0.0%	6.1%
Total	34.7%	11.2%	54.1%	0.0%	100.0%

Condition in year 2025 after schedulable treatments applied.

Condition	Arterial	Collector	Res/Loc	Other	Total
I	26.5%	8.3%	31.2%	0.0%	66.0%
IV	0.0%	0.0%	3.9%	0.0%	3.9%
V	8.2%	2.9%	19.0%	0.0%	30.1%
Total	34.7%	11.2%	54.1%	0.0%	100.0%

**Scenario 2: Maintain the Current Network PCI at
64 (\$19 Million)**
Cost Summary Report
Network Condition Summary Report

Scenarios - Cost Summary

Interest: 3.00%

Inflation: 3.00%

Printed: 05/23/2016

Scenario: Scenario 2: Maintain PCI at 64

Year	PM	Budget	Rehabilitation	Preventative Maintenance	Surplus PM	Deferred	Stop Gap		
2016	\$100,000	\$200,000	II	\$90,719	Non-Project	\$108,604	\$0	Funded	\$0
			III	\$0				Unmet	\$108,955
			IV	\$0	Project	\$0			
			V	\$0					
			Total	\$90,719					
			Project	\$0					
2017	\$250,000	\$1,000,000	II	\$308,839	Non-Project	\$256,909	\$0	Funded	\$0
			III	\$432,748				Unmet	\$38,750
			IV	\$0	Project	\$0			
			V	\$0					
			Total	\$741,587					
			Project	\$0					
2018	\$70,000	\$1,600,000	II	\$1,112,477	Non-Project	\$76,701	\$0	Funded	\$0
			III	\$408,246				Unmet	\$43,638
			IV	\$0	Project	\$0			
			V	\$0					
			Total	\$1,520,723					
			Project	\$0					
2019	\$300,000	\$2,600,000	II	\$372,686	Non-Project	\$303,422	\$0	Funded	\$0
			III	\$661,386				Unmet	\$36,026
			IV	\$1,261,575	Project	\$0			
			V	\$0					
			Total	\$2,295,647					
			Project	\$0					
2020	\$120,000	\$2,500,000	II	\$0	Non-Project	\$136,935	\$0	Funded	\$0
			III	\$0				Unmet	\$27,273
			IV	\$2,360,806	Project	\$0			
			V	\$0					
			Total	\$2,360,806					
			Project	\$0					
2021	\$0	\$2,700,000	II	\$0	Non-Project	\$16,128	\$0	Funded	\$0
			III	\$221,553				Unmet	\$129,614
			IV	\$2,460,040	Project	\$0			
			V	\$0					
			Total	\$2,681,593					
			Project	\$0					

Year	PM	Budget	Rehabilitation	Preventative Maintenance	Surplus PM	Deferred	Stop Gap			
2022	\$0	\$2,600,000	II	\$51,584	Non-Project	\$2,223	\$0	\$22,990,607	Funded	\$0
			III	\$498,101					Unmet	\$65,487
			IV	\$1,184,510	Project	\$0				
			V	\$863,612						
			Total	\$2,597,807						
Project	\$0									
2023	\$10,000	\$2,100,000	II	\$170,987	Non-Project	\$34,069	\$0	\$24,583,040	Funded	\$0
			III	\$406,070					Unmet	\$64,958
			IV	\$125,647	Project	\$0				
			V	\$1,360,446						
			Total	\$2,063,150						
Project	\$0									
2024	\$550,000	\$2,000,000	II	\$16,418	Non-Project	\$580,532	\$0	\$25,515,506	Funded	\$0
			III	\$74,835					Unmet	\$47,021
			IV	\$131,561	Project	\$0				
			V	\$1,193,235						
			Total	\$1,416,049						
Project	\$0									
2025	\$435,000	\$2,000,000	II	\$211,935	Non-Project	\$439,229	\$0	\$26,435,442	Funded	\$0
			III	\$114,821					Unmet	\$47,629
			IV	\$0	Project	\$0				
			V	\$1,232,553						
			Total	\$1,559,309						
Project	\$0									

Summary				
Functional Class	Rehabilitation	Prev. Maint.	Funded Stop Gap	Unmet Stop Gap
Arterial	\$6,961,314	\$0	\$0	\$174,481
Collector	\$3,377,655	\$520,379	\$0	\$47,464
Residential/Local	\$6,988,421	\$1,434,373	\$0	\$387,405
Grand Total:	\$17,327,390	\$1,954,752	\$0	\$609,350

Scenarios - Network Condition Summary

Interest: 3%

Inflation: 3%

Printed: 05/23/2016

Scenario: Scenario 2: Maintain PCI at 64

Year	Budget	PM	Year	Budget	PM	Year	Budget	PM
2016	\$200,000	\$100,000	2020	\$2,500,000	\$120,000	2024	\$2,000,000	\$550,000
2017	\$1,000,000	\$250,000	2021	\$2,700,000	\$0	2025	\$2,000,000	\$435,000
2018	\$1,600,000	\$70,000	2022	\$2,600,000	\$0			
2019	\$2,600,000	\$300,000	2023	\$2,100,000	\$10,000			

Projected Network Average PCI by year

Year	Never Treated	With Selected Treatment	Treated Centerline Miles	Treated Lane Miles
2016	65	66	1.84	3.68
2017	62	64	5.48	10.97
2018	60	64	5.53	11.05
2019	57	64	10.04	20.08
2020	55	64	7.73	15.45
2021	52	64	5.77	11.55
2022	50	64	10.44	20.88
2023	48	64	13.05	26.10
2024	45	64	10.91	21.82
2025	43	64	10.83	21.66

Percent Network Area by Functional Class and Condition Category

Condition in base year 2016, prior to applying treatments.

Condition	Arterial	Collector	Res/Loc	Other	Total
I	20.8%	6.6%	21.3%	0.0%	48.7%
II / III	5.7%	2.0%	12.4%	0.0%	20.1%
IV	6.6%	2.1%	16.5%	0.0%	25.2%
V	1.7%	0.5%	4.0%	0.0%	6.1%
Total	34.7%	11.2%	54.1%	0.0%	100.0%

Condition in year 2016 after schedulable treatments applied.

Condition	Arterial	Collector	Res/Loc	Other	Total
I	20.9%	6.9%	21.3%	0.0%	49.1%
II / III	5.5%	1.8%	12.4%	0.0%	19.7%
IV	6.6%	2.1%	16.5%	0.0%	25.2%
V	1.7%	0.5%	4.0%	0.0%	6.1%
Total	34.7%	11.2%	54.1%	0.0%	100.0%

Condition in year 2025 after schedulable treatments applied.

Condition	Arterial	Collector	Res/Loc	Other	Total
I	28.2%	11.2%	34.7%	0.0%	74.1%
IV	0.0%	0.0%	0.6%	0.0%	0.6%
V	6.5%	0.0%	18.8%	0.0%	25.3%
Total	34.7%	11.2%	54.1%	0.0%	100.0%

Scenario 3: Target PCIs by Functional Classes
(\$25.21 Million)
Cost Summary Report
Network Condition Summary Report

Scenarios - Cost Summary

Interest: 3.00%

Inflation: 3.00%

Printed: 05/19/2016

Scenario: Scenario 3: Target PCI by FC

Year	PM	Budget	Rehabilitation	Preventative Maintenance	Surplus PM	Deferred	Stop Gap					
2016	5%	\$2,600,000	II	\$797,673	Non-Project	\$149,260	\$0	\$11,351,751	Funded	\$0		
			III	\$544,722					Unmet	\$92,476		
			IV	\$1,108,043	Project	\$0	\$0	\$0	\$0	\$0	\$0	
			V	\$0								
			Total	\$2,450,438								
			Project	\$0								
2017	5%	\$2,600,000	II	\$822,726	Non-Project	\$124,577	\$0	\$11,014,729	Funded	\$0		
			III	\$797,561					Unmet	\$32,044		
			IV	\$707,698	Project	\$0	\$0	\$0	\$0	\$0	\$0	
			V	\$70,040								
			Total	\$2,398,025								
			Project	\$0								
2018	5%	\$2,600,000	II	\$140,259	Non-Project	\$127,273	\$0	\$13,167,239	Funded	\$0		
			III	\$361,683					Unmet	\$39,274		
			IV	\$1,868,884	Project	\$0	\$0	\$0	\$0	\$0	\$0	
			V	\$0								
			Total	\$2,370,826								
			Project	\$0								
2019	4%	\$2,600,000	II	\$46,469	Non-Project	\$107,663	\$1,537	\$15,444,137	Funded	\$0		
			III	\$72,752					Unmet	\$33,470		
			IV	\$2,028,026	Project	\$0	\$0	\$0	\$0	\$0	\$0	
			V	\$158,662								
			Total	\$2,305,909								
			Project	\$0								
2020	1%	\$2,600,000	II	\$0	Non-Project	\$41,513	\$0	\$17,110,203	Funded	\$0		
			III	\$0					Unmet	\$27,376		
			IV	\$1,509,393	Project	\$0	\$0	\$0	\$0	\$0	\$0	
			V	\$973,903								
			Total	\$2,483,296								
			Project	\$0								
2021	1%	\$2,600,000	II	\$0	Non-Project	\$143,884	\$0	\$20,079,255	Funded	\$0		
			III	\$221,553					Unmet	\$123,179		
			IV	\$1,641,084	Project	\$0	\$0	\$0	\$0	\$0	\$0	
			V	\$497,304								
			Total	\$2,359,941								
			Project	\$0								

Year	PM	Budget	Rehabilitation		Preventative Maintenance	Surplus PM	Deferred	Stop Gap		
2022	0%	\$2,600,000	II	\$51,584	Non-Project	\$7,793	\$0	\$19,660,484	Funded	\$0
			III	\$498,101					Unmet	\$37,374
			IV	\$796,520	Project	\$0				
			V	\$1,217,237						
			Total	\$2,563,442						
Project	\$0									
2023	1%	\$2,600,000	II	\$170,987	Non-Project	\$28,181	\$0	\$19,317,999	Funded	\$0
			III	\$406,070					Unmet	\$33,550
			IV	\$266,525	Project	\$0				
			V	\$1,645,935						
			Total	\$2,489,517						
Project	\$0									
2024	0%	\$2,600,000	II	\$16,418	Non-Project	\$51,450	\$0	\$18,766,961	Funded	\$0
			III	\$74,835					Unmet	\$28,644
			IV	\$0	Project	\$0				
			V	\$2,439,420						
			Total	\$2,530,673						
Project	\$0									
2025	5%	\$2,600,000	II	\$211,935	Non-Project	\$204,644	\$0	\$17,652,801	Funded	\$0
			III	\$229,294					Unmet	\$20,215
			IV	\$0	Project	\$0				
			V	\$1,842,274						
			Total	\$2,283,503						
Project	\$0									

Summary				
Functional Class	Rehabilitation	Prev. Maint.	Funded Stop Gap	Unmet Stop Gap
Arterial	\$10,248,244	\$0	\$0	\$135,822
Collector	\$1,822,738	\$368,476	\$0	\$50,553
Residential/Local	\$12,164,588	\$617,762	\$0	\$281,229
Grand Total:	\$24,235,570	\$986,238	\$0	\$467,603

Scenarios - Network Condition Summary

Interest: 3%

Inflation: 3%

Printed: 05/19/2016

Scenario: Scenario 3: Target PCI by FC

Year	Budget	PM	Year	Budget	PM	Year	Budget	PM
2016	\$2,600,000	5%	2020	\$2,600,000	1%	2024	\$2,600,000	0%
2017	\$2,600,000	4.5%	2021	\$2,600,000	1%	2025	\$2,600,000	5%
2018	\$2,600,000	4.5%	2022	\$2,600,000	0%			
2019	\$2,600,000	4.2%	2023	\$2,600,000	1%			

Projected Network Average PCI by year

Year	Never Treated	With Selected Treatment	Treated Centerline Miles	Treated Lane Miles
2016	65	69	8.05	16.10
2017	62	69	6.91	13.83
2018	60	69	4.93	9.86
2019	57	69	5.97	11.93
2020	55	69	10.67	21.35
2021	52	69	9.14	18.29
2022	50	69	8.71	17.42
2023	48	69	5.37	10.75
2024	45	69	7.65	15.29
2025	43	70	6.96	13.92

Percent Network Area by Functional Class and Condition Category

Condition in base year 2016, prior to applying treatments.

Condition	Arterial	Collector	Res/Loc	Other	Total
I	20.8%	6.6%	21.3%	0.0%	48.7%
II / III	5.7%	2.0%	12.4%	0.0%	20.1%
IV	6.6%	2.1%	16.5%	0.0%	25.2%
V	1.7%	0.5%	4.0%	0.0%	6.1%
Total	34.7%	11.2%	54.1%	0.0%	100.0%

Condition in year 2016 after schedulable treatments applied.

Condition	Arterial	Collector	Res/Loc	Other	Total
I	20.8%	6.6%	30.3%	0.0%	57.7%
II / III	5.7%	2.0%	5.7%	0.0%	13.4%
IV	6.6%	2.1%	14.2%	0.0%	22.8%
V	1.7%	0.5%	4.0%	0.0%	6.1%
Total	34.7%	11.2%	54.1%	0.0%	100.0%

Condition in year 2025 after schedulable treatments applied.

Condition	Arterial	Collector	Res/Loc	Other	Total
I	31.4%	9.3%	43.7%	0.0%	84.4%
V	3.3%	1.8%	10.4%	0.0%	15.6%
Total	34.7%	11.2%	54.1%	0.0%	100.0%

APPENDIX D

**Sections Selected for Treatment:
City Funding Budget (Scenario 1)**

Scenarios - Sections Selected for Treatment

Interest: 3.00%

Inflation: 3.00%

Printed: 05/13/2016

Scenario: Scenario 1: City's Budget \$1.2 M Per Year

Year	Budget	PM	Year	Budget	PM	Year	Budget	PM
2016	\$1,200,000	\$150,000	2020	\$1,200,000	\$150,000	2024	\$1,200,000	\$150,000
2017	\$1,200,000	\$150,000	2021	\$1,200,000	\$150,000	2025	\$1,200,000	\$150,000
2018	\$1,200,000	\$150,000	2022	\$1,200,000	\$52,000			
2019	\$1,200,000	\$150,000	2023	\$1,200,000	\$150,000			

Year: 2016

Street Name	Begin Location	End Location	Street ID	Section	Length	Width	Area	Last Inspected	Surf FC	Type	PCI	Cost	Rating	Treatment
CALIFORNIA BLVD	100' WEST OF GREENWOOD AVE	SAN MARINO AVE	CALIF	030	825	37	30,525	2/2/2016	A	AC/A	100	\$76,313	26,124	THIN AC OVERLAY W/ DIGOUTS
CALIFORNIA BLVD	WINSTON AVE	SANTA ANITA AVE	CALIF	060	400	45	18,000	2/2/2016	A	AC/A	100	\$45,000	24,994	THIN AC OVERLAY W/ DIGOUTS
HUNTINGTON DRIVE W/B	STORY PL	EL MOLINO PL	HUNTI	1520	698	34	23,732	2/4/2016	A	AC/A	100	\$59,330	24,367	THIN AC OVERLAY W/ DIGOUTS
MONTEREY ROAD	ST. ALBANS RD	VIRGINIA RD	MONTE	070	1,550	47	72,850	1/28/2016	A	AC	100	\$182,125	25,641	THIN AC OVERLAY W/ DIGOUTS
MONTEREY ROAD	CHARLTON RD	KENSINGTON RD	MONTE	090	430	45	19,350	1/28/2016	A	AC	100	\$48,375	26,996	THIN AC OVERLAY W/ DIGOUTS
VIRGINIA ROAD	ROSALIND RD	CIRCLE DR	VIRGI	020	850	27	22,950	2/4/2016	A	AC	100	\$57,375	26,087	THIN AC OVERLAY W/ DIGOUTS
Treatment Total											\$468,518			
AVONREA ROAD	CUL-DE-SAC	N/O Oak St	AVONR	010	790	33	26,070	2/5/2016	R	AC	100	\$42,726	25,623	THIN AC OVERLAY
CANTERBURY ROAD	CALIFORNIA BLVD	LOMBARDY RD	CANTE	010	600	37	22,200	2/5/2016	R	AC	100	\$36,384	23,810	THIN AC OVERLAY
CANTERBURY ROAD	LOMBARDY RD	CHAUCER RD	CANTE	020	650	37	24,050	2/5/2016	R	AC	100	\$39,416	24,313	THIN AC OVERLAY
EL MOLINO AVENUE	WILSON AVE	PASQUALITO DR	ELMO	020	450	27	12,150	2/11/2016	A	AC	100	\$27,338	29,480	THIN AC OVERLAY
EL MOLINO AVENUE	MONTEREY RD	LA MIRADA AVE	ELMO	060	250	32	8,000	2/11/2016	A	AC	100	\$18,000	27,898	THIN AC OVERLAY
EUSTON ROAD	OXFORD RD	SAN MARINO AVE	EUSTO	040	425	37	15,725	2/4/2016	C	AC	100	\$26,471	27,278	THIN AC OVERLAY
HUNTINGTON FRONTAGE W/B	HUNTINGTON DR	EL MOLINO AVE	HUNTI	1700	591	17	10,047	2/4/2016	C	AC	100	\$16,913	29,128	THIN AC OVERLAY
HUNTINGTON FRONTAGE W/B	EL MOLINO AVE	LOS ROBLES AVE	HUNTI	1710	1,536	17	26,112	2/4/2016	C	AC	100	\$43,956	30,310	THIN AC OVERLAY
MONTEREY ROAD	VIRGINIA RD	CHARLTON RD	MONTE	080	440	45	19,800	1/28/2016	A	AC	100	\$44,550	29,996	THIN AC OVERLAY
OAK KNOLL AVENUE	N.C.L.	MONTEREY RD	OAKK	050	240	29	6,960	2/10/2016	A	AC	100	\$15,660	27,900	THIN AC OVERLAY
OAK VIEW AVENUE	OAK GROVE AVE	S. CDS	OAKV	010	680	27	18,360	2/4/2016	R	AC	100	\$30,090	24,756	THIN AC OVERLAY
OAKWOOD DRIVE	MONTECITO DR	SIERRA MADRE BLVD	OAKWO	010	842	33	27,786	2/11/2016	R	AC	100	\$45,539	24,738	THIN AC OVERLAY

** - Treatment from Project Selection

Scenarios Criteria:

Scenarios - Sections Selected for Treatment

Interest: 3.00%

Inflation: 3.00%

Printed: 05/13/2016

Scenario: Scenario 1: City's Budget \$1.2 M Per Year

Year: 2016

Street Name	Begin Location	End Location	Street ID	Section	Length	Width	Area	Last Inspected	FC	Surf Type	PCI	Cost	Rating	Treatment
PALMAS DRIVE	SHERWOOD RD	LORAIN RD	PALMA	010	525	38	19,950	2/9/2016	R	AC	100	\$32,696	23,800	THIN AC OVERLAY
SAN MARINO AVENUE	LOMBARDY RD	ORLANDO RD	SANM	0110	500	37	18,500	2/1/2016	C	AC	100	\$31,142	28,245	THIN AC OVERLAY
SAN MARINO AVENUE	EUSTON RD	380' N/O HUNTINGTON DR	SANM	080	820	32	26,240	2/1/2016	A	AC	100	\$59,040	29,983	THIN AC OVERLAY
SOMERSET PLACE	WELLESLEY RD	E.C.L.	SOMER	020	800	28	22,400	2/1/2016	R	AC	100	\$36,712	25,631	THIN AC OVERLAY
STAATS PLACE	BANNING WAY	N.C.L.	STAATS	010	50	27	1,350	2/11/2016	R	AC	100	\$2,213	25,176	THIN AC OVERLAY
VALENTINE PLACE	CUL-DE-SAC	N/O WILSON AVE	VALEN	010	502	33	16,566	2/11/2016	R	AC	100	\$27,150	25,176	THIN AC OVERLAY
Treatment Total												\$575,996		
ALHAMBRA ROAD	SHERWOOD RD	VIRGINIA RD	ALHAM	020	560	37	20,720	2/2/2016	C	AC	88	\$7,713	35,584	SLURRY SEAL
LORAIN ROAD	SHERWOOD RD	ST. ALBANS	LORAI	010	1,570	45	70,650	1/29/2016	C	AC	90	\$26,298	35,412	SLURRY SEAL
LORAIN ROAD	ST. ALBANS	ALHAMBRA RD	LORAI	020	1,350	45	60,750	1/29/2016	C	AC/A C	88	\$22,613	59,233	SLURRY SEAL
LORAIN ROAD	ALHAMBRA RD	WEST DR	LORAI	030	1,150	45	51,750	1/29/2016	C	AC/A C	83	\$19,263	50,488	SLURRY SEAL
ROSE AVENUE	DEL MAR AVE	W.C.L.	ROSE	010	3,850	35	134,750	2/1/2016	R	AC	86	\$48,660	46,947	SLURRY SEAL
SAN MARINO AVENUE	N.C.L.	CALIFORNIA BLVD	SANM	130	330	37	12,210	2/1/2016	C	AC	88	\$4,545	35,583	SLURRY SEAL
SUSSEX ROAD	GRANADA AVE	CHELSEA RD	SUSSE	010	790	32	25,280	2/4/2016	R	AC	82	\$9,129	32,765	SLURRY SEAL
WAVERLY ROAD	EUSTON RD	MONTEREY RD	WAVER	030	775	37	28,675	2/9/2016	R	AC	85	\$10,355	45,680	SLURRY SEAL
WESTHAVEN ROAD	MONTEREY RD	HUNTINGTON DR	WESTH	030	475	37	17,575	1/29/2016	R	AC	83	\$6,347	32,698	SLURRY SEAL
Treatment Total												\$154,923		
Year 2016 Area Total						932,033	Year 2016 Total		\$1,199,437					

Year: 2017

Street Name	Begin Location	End Location	Street ID	Section	Length	Width	Area	Last Inspected	FC	Surf Type	PCI	Cost	Rating	Treatment
ALHAMBRA ROAD	LORAIN RD	S.C.L.	ALHAM	010	270	37	9,990	2/2/2016	R	AC	100	\$19,437	22,043	THIN AC OVERLAY W/ DIGOUTS
CALIFORNIA BLVD	ALLEN AVE	530' EAST	CALIF	020	550	37	20,350	2/2/2016	A	AC	100	\$52,402	23,374	THIN AC OVERLAY W/ DIGOUTS
CHESTER AVENUE	CALIFORNIA BLVD	LOMBARDY RD	CHEST	030	550	37	20,350	2/4/2016	R	AC	100	\$39,593	21,890	THIN AC OVERLAY W/ DIGOUTS
DUARTE ROAD	ROSE AVE	150' EAST	DUART	020	100	45	4,500	2/11/2016	C	AC	100	\$9,013	23,212	THIN AC OVERLAY W/ DIGOUTS

** - Treatment from Project Selection

Scenarios - Sections Selected for Treatment

Interest: 3.00%

Inflation: 3.00%

Printed: 05/13/2016

Scenario: Scenario 1: City's Budget \$1.2 M Per Year

Year: 2017

Street Name	Begin Location	End Location	Street ID	Section	Length	Width	Area	Last Inspected	FC	Surf Type	PCI	Cost	Rating	Treatment
EUSTON ROAD	WAVERLY RD	OXFORD RD	EUSTO	030	1,186	37	43,882	2/4/2016	C	AC	100	\$87,886	23,234	THIN AC OVERLAY W/ DIGOUTS
GRANADA AVENUE	HUNTINGTON DR	260' SOUTH OF HUNTINGTON DR	GRANA	040	260	37	9,620	2/5/2016	A	AC/A C	100	\$24,772	22,885	THIN AC OVERLAY W/ DIGOUTS
HUNTLEY CIRCLE	W. CDS	SIERRA MADRE BLVD	HUNTL	010	508	33	16,764	2/4/2016	R	AC	100	\$32,616	21,890	THIN AC OVERLAY W/ DIGOUTS
SHERWOOD ROAD	ALHAMBRA RD	WEST DR	SHERW	040	1,070	32	34,240	1/29/2016	C	AC	100	\$68,576	22,803	THIN AC OVERLAY W/ DIGOUTS
ST. ALBANS ROAD	ROANOKE RD	LORAIN RD	STAL	040	1,150	47	54,050	2/4/2016	C	AC	100	\$108,251	24,045	THIN AC OVERLAY W/ DIGOUTS
Treatment Total											\$442,546			
BLACKSTONE ROAD	HUNTINGTON DR	KINGHURST	BLACK	010	1,150	33	37,950	2/8/2016	R	AC	100	\$64,062	21,982	THIN AC OVERLAY
DARBY ROAD	GRANADA AVE	OAK KNOLL AVE	DARBY	010	1,150	45	51,750	2/9/2016	R	AC	100	\$87,357	22,999	THIN AC OVERLAY
HUNTINGTON DRIVE W/B	MONTEREY RD	RIDGEWAY RD	HUNTI	1630	447	75	33,525	2/4/2016	A	AC/A C	100	\$77,695	24,688	THIN AC OVERLAY
LA MIRADA AVENUE	LOS ROBLES AVE	EL MOLINO AVE	LAMI	020	750	28	21,000	1/28/2016	R	AC	100	\$35,450	23,506	THIN AC OVERLAY
LA MIRADA AVENUE	EL MOLINO AVE	VERANDA PL	LAMI	030	450	30	13,500	1/28/2016	R	AC	100	\$22,789	23,506	THIN AC OVERLAY
MELVILLE DRIVE	RIDGEWAY RD	KENILWORTH AVE	MELVI	030	640	37	23,680	2/3/2016	R	AC	100	\$39,974	21,993	THIN AC OVERLAY
MIRASOL DRIVE	HUNTINGTON DR	RUBIO DR	MIRAS	010	1,300	32	41,600	2/8/2016	R	AC	100	\$70,224	22,504	THIN AC OVERLAY
MONTEREY PLACE	CUL-DE-SAC	S/O MONTEREY PL	MONTEPL	010	225	33	7,425	1/28/2016	R	AC	100	\$12,534	22,009	THIN AC OVERLAY
PATTON WAY	EUSTON RD	N. CDS	PATTO	3070	649	36	23,364	2/5/2016	R	AC	100	\$39,440	22,131	THIN AC OVERLAY
RAMIRO ROAD	N.C.L.	MONTEREY RD	RAMIR	010	880	32	28,160	2/11/2016	R	AC	100	\$47,536	22,993	THIN AC OVERLAY
VANDYKE ROAD	HUNTINGTON DR	LORAIN RD	VANDY	010	1,600	33	52,800	2/8/2016	R	AC	100	\$89,130	21,982	THIN AC OVERLAY
VERONDA PLACE	MONTEREY RD	LA MIRADA AVE	VERON	010	250	27	6,750	1/28/2016	R	AC	100	\$11,395	22,530	THIN AC OVERLAY
Treatment Total											\$597,586			
ENCINO DRIVE	W.C.L.	VIRGINIA RD	ENCIN	010	500	13	6,500	2/9/2016	R	AC	84	\$2,418	31,391	SLURRY SEAL
GRANADA AVENUE	WILSON AVE	HUNTINGTON DR	GRANA	030	870	37	32,190	2/9/2016	C	AC	92	\$12,342	32,135	SLURRY SEAL
KENILWORTH AVENUE	CONISTON PL	CUMBERLAND RD	KENIL	070	300	32	9,600	2/8/2016	R	AC	85	\$3,571	31,005	SLURRY SEAL
KENSINGTON ROAD	MONTEREY RD	HUNTINGTON DR	KENSI	010	635	37	23,495	2/8/2016	R	AC	83	\$8,739	31,764	SLURRY SEAL
MELVILLE DRIVE	SAN MARINO AVE	RIDGEWAY RD	MELVI	020	630	37	23,310	2/3/2016	R	AC	84	\$8,671	31,394	SLURRY SEAL
MILL LANE	CITY PARK	VIRGINIA RD	MILL	020	150	37	5,550	2/4/2016	C	AC	93	\$2,128	29,690	SLURRY SEAL
OAK KNOLL AVENUE	ROANOKE RD	SHERWOOD RD	OAKK	030	500	45	22,500	2/10/2016	R	AC	82	\$8,369	31,895	SLURRY SEAL

** - Treatment from Project Selection

Scenarios Criteria:

Scenarios - Sections Selected for Treatment

Interest: 3.00%

Inflation: 3.00%

Printed: 05/13/2016

Scenario: Scenario 1: City's Budget \$1.2 M Per Year

Year: 2017

Street Name	Begin Location	End Location	Street ID	Section	Length	Width	Area	Last Inspected	FC	Surf Type	PCI	Cost	Rating	Treatment
PALOMAR ROAD	CUMBERLAND RD	HUNTINGTON DR	PALOM	010	290	62	17,980	2/5/2016	R	AC	82	\$6,688	31,898	SLURRY SEAL
PALOMAR ROAD	GAINSBOROUGH DR	CUMBERLAND RD	PALOM	020	350	46	16,100	2/5/2016	R	AC	82	\$5,989	31,898	SLURRY SEAL
RIDGEWAY ROAD	KENILWORTH AVE	HUNTINGTON DR	RIDGE	060	1,375	32	44,000	2/9/2016	R	AC	84	\$16,366	31,391	SLURRY SEAL
SHAKESPEARE DRIVE	WALLINGFORD RD	PALOMAR RD	SHAKE	010	1,600	32	51,200	2/5/2016	R	AC	83	\$19,044	31,764	SLURRY SEAL
SHEFFIELD ROAD	ROSE AVE	E.C.L.	SHEFF	010	1,500	33	49,500	2/1/2016	R	AC	84	\$18,412	31,396	SLURRY SEAL
ST. ALBANS ROAD	MONTEREY RD	HUNTINGTON DR	STAL	020	960	47	45,120	2/4/2016	C	AC	84	\$17,299	33,374	SLURRY SEAL
WALLINGFORD ROAD	SANTA ANITA AVE	PALOMAR RD	WALLI	010	1,460	33	48,180	2/5/2016	R	AC	83	\$17,921	31,636	SLURRY SEAL
WALLINGFORD ROAD	PALOMAR RD	E.C.L.	WALLI	020	330	33	10,890	2/5/2016	R	AC	84	\$4,051	31,393	SLURRY SEAL
WAVERLY ROAD	MONTEREY RD	HUNTINGTON DR	WAVER	020	570	37	21,090	2/9/2016	R	AC	81	\$7,845	31,836	SLURRY SEAL
Treatment Total											\$159,853			
Year 2017 Area Total						982,455	Year 2017 Total				\$1,199,985			

Year: 2018

Street Name	Begin Location	End Location	Street ID	Section	Length	Width	Area	Last Inspected	FC	Surf Type	PCI	Cost	Rating	Treatment
CHANDLER PLACE	CUL-DE-SAC	W/O OAK GROVE AVE	CHAND	010	430	25	10,750	2/9/2016	R	AC	100	\$21,543	19,260	THIN AC OVERLAY W/ DIGOUTS
CHELSEA ROAD	HUNTINGTON DR	ROANOKE RD	CHELS	020	525	47	24,675	2/10/2016	R	AC/A C	100	\$49,447	19,594	THIN AC OVERLAY W/ DIGOUTS
DEVONPORT ROAD	SANTA ANITA AVE	PALOMAR RD	DEVON	010	970	33	32,010	2/2/2016	R	AC	100	\$64,146	20,482	THIN AC OVERLAY W/ DIGOUTS
DUARTE ROAD	150' EAST OF ROSE AVE	HILLARD DR	DUART	030	275	45	12,375	2/3/2016	C	AC	100	\$25,528	22,808	THIN AC OVERLAY W/ DIGOUTS
KEWEN PLACE	CUL-DE-SAC	W/O OAK GROVE AVE	KEWEN	010	425	25	10,625	2/9/2016	R	AC	100	\$21,292	21,194	THIN AC OVERLAY W/ DIGOUTS
MELVILLE DRIVE	KENILWORTH AVE	DEL MAR AVE	MELVI	040	400	37	14,800	2/3/2016	R	AC	100	\$29,659	20,480	THIN AC OVERLAY W/ DIGOUTS
PARK PLACE	CUL-DE-SAC	S/O CIRCLE DR	PARK	010	360	27	9,720	2/9/2016	R	AC	100	\$19,479	18,375	THIN AC OVERLAY W/ DIGOUTS
WEMBLEY ROAD	MONTEREY RD	HUNTINGTON DR	WEMBL	010	680	37	25,160	2/9/2016	R	AC	100	\$50,419	21,194	THIN AC OVERLAY W/ DIGOUTS
Treatment Total											\$281,513			
BELHAVEN AVENUE	HUNTINGTON DR	LORAIN RD	BELHA	010	1,430	33	47,190	2/8/2016	R	AC	100	\$82,050	21,707	THIN AC OVERLAY

** - Treatment from Project Selection

Scenarios - Sections Selected for Treatment

Interest: 3.00%

Inflation: 3.00%

Printed: 05/13/2016

Scenario: Scenario 1: City's Budget \$1.2 M Per Year

Year: 2018

Street Name	Begin Location	End Location	Street ID	Section	Length	Width	Area	Last Inspected	FC	Surf Type	PCI	Cost	Rating	Treatment
BELLWOOD ROAD	HUNTINGTON DR	LORAIN RD	BELLW	010	1,750	33	57,750	2/8/2016	R	AC	100	\$100,410	21,707	THIN AC OVERLAY
CHARLTON ROAD	MONTEREY RD	HUNTINGTON DR	CHARL	010	675	37	24,975	2/9/2016	R	AC	100	\$43,424	21,178	THIN AC OVERLAY
DURKLYN CT	BEDFORD RD	S. CDS	DURKL	010	340	32	10,880	2/5/2016	R	AC	100	\$18,918	20,094	THIN AC OVERLAY
ENDICOTT ROAD	SHEFFIELD RD	SOMERSET PL	ENDIC	010	500	33	16,500	2/1/2016	R	AC	100	\$28,689	21,724	THIN AC OVERLAY
KENILWORTH AVENUE	CUMBERLAND RD	HUNTINGTON DR	KENIL	060	325	32	10,400	2/8/2016	R	AC	100	\$18,083	20,643	THIN AC OVERLAY
KENILWORTH AVENUE	SIERRA MADRE BLVD	RIDGEWAY RD	KENIL	090	350	32	11,200	2/8/2016	R	AC	100	\$19,474	20,087	THIN AC OVERLAY
KERNS AVE	SHEFFIELD RD	S.C.L.	KERNS	010	630	33	20,790	2/1/2016	R	AC	100	\$36,148	21,724	THIN AC OVERLAY
KINGHURST ROAD	VANDYKE RD	BELHAVEN RD	KINGH	010	780	33	25,740	2/8/2016	R	AC	100	\$44,755	21,707	THIN AC OVERLAY
MELVILLE DRIVE	WESTHAVEN RD	SAN MARINO AVE	MELVI	010	650	37	24,050	2/3/2016	R	AC	100	\$41,816	20,656	THIN AC OVERLAY
PLYMOUTH ROAD	EL MOLINO AVE	WINTHROP RD	PLYMO	020	940	27	25,380	1/28/2016	R	AC	100	\$44,129	21,734	THIN AC OVERLAY
RUBIO DRIVE	HUNTINGTON DR	MELVILLE DR	RUBIO	020	1,300	33	42,900	2/8/2016	R	AC	100	\$74,591	21,707	THIN AC OVERLAY
RUSSET LANE	CUL-DE-SAC	N/O WOODLAWN	RUSSE	010	250	33	8,250	2/1/2016	R	AC	100	\$14,345	21,724	THIN AC OVERLAY
SOMERSET PLACE	ENDICOTT RD	WELLESLEY RD	SOMER	010	300	32	9,600	2/1/2016	R	AC	100	\$16,692	21,724	THIN AC OVERLAY
ST. ALBANS ROAD	HUNTINGTON DR	ROANOKE RD	STAL	030	500	47	23,500	2/4/2016	C	AC	100	\$41,968	25,830	THIN AC OVERLAY
SYCAMORE DRIVE	DEL MAR AVE	ROSE AVE	SYCAM	010	1,250	32	40,000	2/1/2016	R	AC	100	\$69,548	21,724	THIN AC OVERLAY
WOODLAWN AVE	ROSE AVE	SAN GABRIEL BLVD	WOODL	010	1,237	32	39,584	2/5/2016	R	AC	100	\$68,825	21,714	THIN AC OVERLAY
Treatment Total											\$763,865			
CANTERBURY ROAD	SIERRA MADRE BLVD	WINSTON AVE	CANTE	040	350	37	12,950	2/5/2016	R	AC	85	\$4,962	29,915	SLURRY SEAL
CANTERBURY ROAD	WINSTON AVE	SANTA ANITA AVE	CANTE	050	425	37	15,725	2/5/2016	R	AC	89	\$6,025	26,921	SLURRY SEAL
CONISTON PLACE	KENILWORTH AVE	WILBURY RD	CONIS	020	630	32	20,160	2/9/2016	R	AC	85	\$7,724	30,327	SLURRY SEAL
CUMBERLAND ROAD	GAINSBOROUGH DR	PALOMAR RD	CUMBE	790	1,067	33	35,211	2/5/2016	R	AC	87	\$13,490	28,715	SLURRY SEAL
CUMBERLAND ROAD	KENILWORTH AVE	WINSTON AVE	CUMBE	810	969	31	30,039	2/5/2016	R	AC	85	\$11,509	30,334	SLURRY SEAL
FAIRFIELD PLACE	CUL-DE-SAC	E/O SANTA ANITA AVE	FAIRF	010	450	33	14,850	2/2/2016	R	AC	88	\$5,690	27,921	SLURRY SEAL
GAINSBOROUGH DRIVE	PALOMAR RD	SAN GABRIEL BLVD	GAINS	020	380	41	15,580	2/5/2016	R	AC	84	\$5,969	30,600	SLURRY SEAL
HILLIARD DRIVE	DUARTE RD	WOODLAWN AVE	HILLI	010	570	35	19,950	2/1/2016	R	AC	85	\$7,643	29,923	SLURRY SEAL
HILLIARD DRIVE	ROSE AVE	DUARTE RD	HILLI	020	440	35	15,400	2/1/2016	R	AC	85	\$5,900	30,341	SLURRY SEAL
KENILWORTH AVENUE	RIDGEWAY RD	CONISTON PL	KENIL	080	300	32	9,600	2/8/2016	R	AC	85	\$3,678	30,329	SLURRY SEAL
LA PAZ DRIVE	N.C.L.	CALIFORNIA BLVD	LAPA	010	370	28	10,360	2/2/2016	R	AC	89	\$3,969	26,935	SLURRY SEAL

** - Treatment from Project Selection

Scenarios Criteria:

Scenarios - Sections Selected for Treatment

Interest: 3.00%

Inflation: 3.00%

Printed: 05/13/2016

Scenario: Scenario 1: City's Budget \$1.2 M Per Year

Year: 2018

Street Name	Begin Location	End Location	Street ID	Section	Length	Width	Area	Last Inspected	FC	Surf Type	PCI	Cost	Rating	Treatment
OAK GROVE PLACE	CUL-DE-SAC	E/O OAK GROVE AVE	OAKGRPL	010	1,040	34	35,360	2/10/2016	R	AC	83	\$13,547	30,838	SLURRY SEAL
OAK KNOLL AVENUE	DARBY RD	S.C.L.	OAKK	010	230	37	8,510	2/10/2016	R	AC	86	\$3,261	29,373	SLURRY SEAL
ORLANDO PLACE	CUL-DE-SAC	E/O ORLANDO RD	ORLANPL	010	525	33	17,325	2/5/2016	R	AC	86	\$6,638	29,386	SLURRY SEAL
PASQUALITO DRIVE	HUNTINGTON DR	300' W/O EL MOLINO AVE	PASQU	010	840	32	26,880	2/11/2016	R	AC	86	\$10,298	29,371	SLURRY SEAL
RIDGEWAY ROAD	WINSTON AVE	KENILWORTH AVE	RIDGE	070	1,100	32	35,200	2/9/2016	R	AC	86	\$13,486	29,376	SLURRY SEAL
SHAKESPEARE DRIVE	PALOMAR RD	E.C.L.	SHAKE	020	350	32	11,200	2/5/2016	R	AC	86	\$4,291	29,386	SLURRY SEAL
SHARON PLACE	ROSE AVE	ROSE AVE	SHARO	010	1,500	33	49,500	2/1/2016	R	AC	85	\$18,964	30,341	SLURRY SEAL
WILBURY ROAD	RIDGEWAY RD	CUMBERLAND RD	WILBU	010	475	32	15,200	2/9/2016	R	AC	90	\$5,824	25,796	SLURRY SEAL
Treatment Total											\$152,868			
Year 2018 Area Total						977,804	Year 2018 Total				\$1,198,246			

Year: 2019

Street Name	Begin Location	End Location	Street ID	Section	Length	Width	Area	Last Inspected	FC	Surf Type	PCI	Cost	Rating	Treatment
CALIFORNIA BLVD	SANTA ANITA AVE	SAN GABRIEL BLVD	CALIF	070	1,345	53	71,285	2/2/2016	A	AC/A C	100	\$419,768	13,873	THICK AC OVERLAY W/ DIGOUTS
EL MOLINO AVENUE	PASQUALITO DR	HUNTINGTON DR	ELMO	010	380	32	12,160	2/11/2016	A	AC	100	\$71,606	13,691	THICK AC OVERLAY W/ DIGOUTS
Treatment Total											\$491,374			
CHARLTON ROAD	EUSTON RD	MONTEREY RD	CHARL	020	650	37	24,050	2/9/2016	R	AC	100	\$49,641	17,253	THIN AC OVERLAY W/ DIGOUTS
CHELSEA ROAD	ROANOKE RD	OLD MILL RD	CHELS	010	450	47	21,150	2/10/2016	R	AC/A C	100	\$43,655	18,022	THIN AC OVERLAY W/ DIGOUTS
DEVONPORT ROAD	PALOMAR RD	SAN GABRIEL BLVD	DEVON	020	625	33	20,625	2/2/2016	R	AC	100	\$42,571	18,150	THIN AC OVERLAY W/ DIGOUTS
GAINSBOROUGH DRIVE	HUNTINGTON DR	PALOMAR RD	GAINS	010	1,900	41	77,900	2/5/2016	R	AC	100	\$160,789	18,144	THIN AC OVERLAY W/ DIGOUTS
LOMBARDY PLACE	CUL-DE-SAC	LOMBARDY RD	LOMBAPL	010	450	33	14,850	2/2/2016	R	AC	100	\$30,651	18,583	THIN AC OVERLAY W/ DIGOUTS
MISSION STREET	LOS ROBLES AVE	EL MOLINO AVE	MISSI	030	510	55	28,050	2/11/2016	R	AC	100	\$57,897	19,389	THIN AC OVERLAY W/ DIGOUTS
ST. ALBANS ROAD	LORAIN RD	S.C.L.	STAL	050	300	47	14,100	2/4/2016	R	AC	100	\$29,103	18,579	THIN AC OVERLAY W/ DIGOUTS

** - Treatment from Project Selection

Scenarios - Sections Selected for Treatment

Interest: 3.00%

Inflation: 3.00%

Printed: 05/13/2016

Scenario: Scenario 1: City's Budget \$1.2 M Per Year

Year: 2019

Street Name	Begin Location	End Location	Street ID	Section	Length	Width	Area	Last Inspected	FC	Surf Type	PCI	Cost	Rating	Treatment
WESTHAVEN ROAD	EUSTON RD	MONTEREY RD	WESTH	040	750	37	27,750	1/29/2016	R	AC	100	\$57,278	19,016	THIN AC OVERLAY W/ DIGOUTS
Treatment Total												\$471,585		
MONTEREY ROAD	WAVERLY RD	BEDFORD RD	MONTE	130	420	45	18,900	1/28/2016	A	AC	100	\$46,469	24,413	THIN AC OVERLAY
Treatment Total												\$46,469		
BEDFORD ROAD	HUNTINGTON DR	WEST DR	BEDFO	010	1,400	32	44,800	1/29/2016	R	AC	90	\$17,678	24,770	SLURRY SEAL
BRADBURY ROAD	HUNTINGTON DR	MELVILLE DR	BRADB	010	1,675	32	53,600	2/8/2016	R	AC	90	\$21,151	23,524	SLURRY SEAL
BRENTFORD ROAD	CUL-DE-SAC	E/O SAN MARINO AVE	BRENT	010	675	36	24,300	2/1/2016	R	AC	92	\$9,589	20,978	SLURRY SEAL
CONISTON PLACE	RIDGEWAY RD	KENILWORTH AVE	CONIS	010	375	32	12,000	2/9/2016	R	AC	89	\$4,736	25,761	SLURRY SEAL
CUMBERLAND ROAD	RIDGEWAY RD	KENILWORTH AVE	CUMBE	800	449	33	14,817	2/5/2016	R	AC	90	\$5,847	24,731	SLURRY SEAL
DUARTE ROAD	LORAIN RD	ROSE AVE	DUART	010	450	45	20,250	2/3/2016	R	AC/A C	91	\$7,991	24,612	SLURRY SEAL
EL MOLINO AVENUE	WINTHROP RD	WILSON AVE	ELMO	030	450	32	14,400	2/11/2016	C	AC/A C	92	\$5,858	22,981	SLURRY SEAL
EL MOLINO PLACE	WILSON AVE	PASQUALITO DR	ELMOPL	020	450	32	14,400	2/11/2016	R	AC	89	\$5,683	25,752	SLURRY SEAL
KENSINGTON ROAD	EUSTON RD	MONTEREY RD	KENSI	020	675	37	24,975	2/8/2016	R	AC	92	\$9,856	20,925	SLURRY SEAL
MILL LANE	OLD MILL RD	CITY PARK	MILL	010	950	32	30,400	2/4/2016	C	AC	95	\$12,365	24,795	SLURRY SEAL
MONTROBLES PLACE	LOS ROBLES AVE	MONTEREY RD	MONTR	010	550	28	15,400	1/28/2016	R	AC	89	\$6,077	25,821	SLURRY SEAL
ROANOKE ROAD	CHELSEA RD	OLD MILL RD	ROANO	020	720	44	31,680	2/3/2016	R	AC	90	\$12,501	24,741	SLURRY SEAL
SHENANDOAH ROAD	ROSALIND RD	OAK GROVE AVE	SHENA	030	900	23	20,700	2/10/2016	R	AC	88	\$8,169	26,776	SLURRY SEAL
VIRGINIA ROAD	MONTEREY RD	HUNTINGTONG DR	VIRGI	060	750	46	34,500	2/4/2016	C	AC	94	\$14,033	27,585	SLURRY SEAL
WETHERBY ROAD	SANTA ANITA AVE	PALOMAR RD	WETHE	010	775	33	25,575	2/5/2016	R	AC	87	\$10,092	27,559	SLURRY SEAL
Treatment Total												\$151,626		
ALHAMBRA ROAD	SHERWOOD RD	VIRGINIA RD	ALHAM	020	560	37	20,720	2/2/2016	C	AC	84	\$61	895,481	SEAL CRACKS
EUSTON ROAD	OXFORD RD	SAN MARINO AVE	EUSTO	040	425	37	15,725	2/4/2016	C	AC	87	\$17	1,775,355	SEAL CRACKS
HUNTINGTON FRONTAGE W/B	HUNTINGTON DR	EL MOLINO AVE	HUNTI	1700	591	17	10,047	2/4/2016	C	AC	87	\$11	1,775,355	SEAL CRACKS
HUNTINGTON FRONTAGE W/B	EL MOLINO AVE	LOS ROBLES AVE	HUNTI	1710	1,536	17	26,112	2/4/2016	C	AC	87	\$27	1,775,355	SEAL CRACKS
LORAIN ROAD	SHERWOOD RD	ST. ALBANS	LORAI	010	1,570	45	70,650	1/29/2016	C	AC	85	\$183	915,361	SEAL CRACKS

** - Treatment from Project Selection

Scenarios Criteria:

Scenarios - Sections Selected for Treatment

Interest: 3.00%

Inflation: 3.00%

Printed: 05/13/2016

Scenario: Scenario 1: City's Budget \$1.2 M Per Year

Year: 2019

Street Name	Begin Location	End Location	Street ID	Section	Length	Width	Area	Last Inspected	FC	Surf Type	PCI	Cost	Rating	Treatment
LORAIN ROAD	ST. ALBANS	ALHAMBRA RD	LORAI	020	1,350	45	60,750	1/29/2016	C	AC/A C	86	\$98	2,303, 363	SEAL CRACKS
LORAIN ROAD	ALHAMBRA RD	WEST DR	LORAI	030	1,150	45	51,750	1/29/2016	C	AC/A C	81	\$174	1,251, 330	SEAL CRACKS
ROSE AVENUE	DEL MAR AVE	W.C.L.	ROSE	010	3,850	35	134,750	2/1/2016	R	AC	85	\$354	1,185, 649	SEAL CRACKS
SAN MARINO AVENUE	LOMBARDY RD	ORLANDO RD	SANM	0110	500	37	18,500	2/1/2016	C	AC	87	\$20	1,775, 355	SEAL CRACKS
SAN MARINO AVENUE	N.C.L.	CALIFORNIA BLVD	SANM	130	330	37	12,210	2/1/2016	C	AC	84	\$36	895,589	SEAL CRACKS
SUSSEX ROAD	GRANADA AVE	CHELSEA RD	SUSSE	010	790	32	25,280	2/4/2016	R	AC	79	\$98	739,104	SEAL CRACKS
WAVERLY ROAD	EUSTON RD	MONTEREY RD	WAVER	030	775	37	28,675	2/9/2016	R	AC	84	\$81	1,130, 749	SEAL CRACKS
WESTHAVEN ROAD	MONTEREY RD	HUNTINGTON DR	WESTH	030	475	37	17,575	1/29/2016	R	AC	80	\$66	746,936	SEAL CRACKS
Treatment Total												\$1,226		
CALLITA PLACE	GARFIELD AVE	E. CDS	CALLI	490	183	29	5,307	2/5/2016	R	AC	100	\$36,889	7,099	RECONSTRUCT STRUCTURE (AC)
Treatment Total												\$36,889		
Year 2019 Area Total						1,210,668	Year 2019 Total		\$1,199,169					

Year: 2020

Street Name	Begin Location	End Location	Street ID	Section	Length	Width	Area	Last Inspected	FC	Surf Type	PCI	Cost	Rating	Treatment
CALIFORNIA BLVD	SAN MARINO AVE	SIERRA MADRE BLVD	CALIF	040	2,045	37	75,665	2/2/2016	A	AC/A C	100	\$458,927	13,439	THICK AC OVERLAY W/ DIGOUTS
DUARTE ROAD	HILLARD DR	SAN GABRIEL BLVD	DUART	040	325	45	14,625	2/3/2016	C	AC	100	\$70,415	12,299	THICK AC OVERLAY W/ DIGOUTS
MONTEREY ROAD	LOS ROBLES AVE	EL MOLINO AVE	MONTE	020	650	37	24,050	1/28/2016	A	AC	100	\$145,870	13,440	THICK AC OVERLAY W/ DIGOUTS
OAK KNOLL AVENUE	MONTEREY RD	HUNTINGTON DR	OAKK	040	1,950	29	56,550	2/10/2016	A	AC	100	\$342,990	13,504	THICK AC OVERLAY W/ DIGOUTS
PATTON CT	PATTON WAY	E. CDS	PATTO	3060	129	32	4,128	2/5/2016	R	AC	100	\$19,179	10,439	THICK AC OVERLAY W/ DIGOUTS
Treatment Total												\$1,037,381		
EUCLID AVE	MISSION ST	MONTEREY RD	EUCLI	010	1,425	27	38,475	2/1/2016	R	AC/A C	92	\$15,638	21,015	SLURRY SEAL

** - Treatment from Project Selection

Scenarios - Sections Selected for Treatment

Interest: 3.00%

Inflation: 3.00%

Printed: 05/13/2016

Scenario: Scenario 1: City's Budget \$1.2 M Per Year

Year: 2020

Street Name	Begin Location	End Location	Street ID	Section	Length	Width	Area	Last Inspected	FC	Surf Type	PCI	Cost	Rating	Treatment
FLEUR DRIVE	EL MOLINO AVE	RAMIRO RD	FLEUR	010	750	27	20,250	3/22/2016	R	AC	91	\$8,231	22,618	SLURRY SEAL
LORAIN ROAD	WEST HAVEN RD	SAN MARINO AVE	LORAI	050	944	45	42,480	1/29/2016	C	AC	94	\$17,797	25,137	SLURRY SEAL
LORAIN ROAD	SAN MARINO AVE	DEL MAR AVE	LORAI	060	1,080	45	48,600	1/29/2016	C	AC	94	\$20,361	25,137	SLURRY SEAL
LORAIN ROAD	DEL MAR AVE	MELVILLE DR	LORAI	070	1,650	45	74,250	1/29/2016	C	AC	94	\$31,107	25,137	SLURRY SEAL
LORAIN ROAD	MELVILLE DR	1,150' EAST	LORAI	080	1,150	32	36,800	2/2/2016	C	AC	94	\$15,417	25,097	SLURRY SEAL
LORAIN ROAD	1,150' E/O MELVILLE DR	E.C.L.	LORAI	090	400	45	18,000	1/29/2016	C	AC	94	\$7,541	25,137	SLURRY SEAL
LOS ARBOLES PLACE	CUL-DE-SAC	N/O CALIFORNIA BLVD	LOSA	010	340	33	11,220	3/23/2016	R	AC	91	\$4,561	21,563	SLURRY SEAL
OAK GROVE AVENUE	VIRGINIA RD	ROSALIND RD	OAKGR	020	1,316	27	35,532	2/10/2016	R	AC	91	\$14,442	22,665	SLURRY SEAL
PALOMAR ROAD	CANTERBURY RD	WALLINGFORD RD	PALOM	050	320	33	10,560	2/5/2016	R	AC/A C	92	\$4,292	20,266	SLURRY SEAL
SANTA ANITA AVENUE	CALIFORNIA BLVD	LOMBARDY RD	SANTA	030	800	45	36,000	2/2/2016	C	AC	94	\$15,082	25,097	SLURRY SEAL
SANTA ANITA AVENUE	N.C.L.	CALIFORNIA BLVD	SANTA	040	330	45	14,850	2/2/2016	C	AC	94	\$6,222	25,097	SLURRY SEAL
Treatment Total											\$160,691			
AVONREA ROAD	CUL-DE-SAC	N/O Oak St	AVONR	010	790	33	26,070	2/5/2016	R	AC	88	\$20	1,837, 133	SEAL CRACKS
CANTERBURY ROAD	CALIFORNIA BLVD	LOMBARDY RD	CANTE	010	600	37	22,200	2/5/2016	R	AC	88	\$17	1,837, 133	SEAL CRACKS
CANTERBURY ROAD	LOMBARDY RD	CHAUCER RD	CANTE	020	650	37	24,050	2/5/2016	R	AC	88	\$19	1,837, 133	SEAL CRACKS
DUARTE ROAD	ROSE AVE	150' EAST	DUART	020	100	45	4,500	2/11/2016	C	AC	87	\$5	1,723, 645	SEAL CRACKS
ENCINO DRIVE	W.C.L.	VIRGINIA RD	ENCIN	010	500	13	6,500	2/9/2016	R	AC	81	\$24	733,564	SEAL CRACKS
EUSTON ROAD	WAVERLY RD	OXFORD RD	EUSTO	030	1,186	37	43,882	2/4/2016	C	AC	87	\$47	1,723, 645	SEAL CRACKS
GRANADA AVENUE	WILSON AVE	HUNTINGTON DR	GRANA	030	870	37	32,190	2/9/2016	C	AC	87	\$69	916,572	SEAL CRACKS
KENILWORTH AVENUE	CONISTON PL	CUMBERLAND RD	KENIL	070	300	32	9,600	2/8/2016	R	AC	82	\$33	734,406	SEAL CRACKS
KENSINGTON ROAD	MONTEREY RD	HUNTINGTON DR	KENSI	010	635	37	23,495	2/8/2016	R	AC	80	\$92	723,807	SEAL CRACKS
MELVILLE DRIVE	SAN MARINO AVE	RIDGEWAY RD	MELVI	020	630	37	23,310	2/3/2016	R	AC	81	\$83	733,541	SEAL CRACKS
MILL LANE	CITY PARK	VIRGINIA RD	MILL	020	150	37	5,550	2/4/2016	C	AC	88	\$11	890,253	SEAL CRACKS
OAK KNOLL AVENUE	ROANOKE RD	SHERWOOD RD	OAKK	030	500	45	22,500	2/10/2016	R	AC	79	\$93	711,923	SEAL CRACKS
OAK VIEW AVENUE	OAK GROVE AVE	S. CDS	OAKV	010	680	27	18,360	2/4/2016	R	AC	88	\$15	1,837, 133	SEAL CRACKS

** - Treatment from Project Selection

Scenarios Criteria:

Scenarios - Sections Selected for Treatment

Interest: 3.00%

Inflation: 3.00%

Printed: 05/13/2016

Scenario: Scenario 1: City's Budget \$1.2 M Per Year

Year: 2020

Street Name	Begin Location	End Location	Street ID	Section	Length	Width	Area	Last Inspected	FC	Surf Type	PCI	Cost	Rating	Treatment
OAKWOOD DRIVE	MONTECITO DR	SIERRA MADRE BLVD	OAKWO	010	842	33	27,786	2/11/2016	R	AC	88	\$22	1,837,133	SEAL CRACKS
PALMAS DRIVE	SHERWOOD RD	LORAIN RD	PALMA	010	525	38	19,950	2/9/2016	R	AC	88	\$16	1,837,133	SEAL CRACKS
PALOMAR ROAD	CUMBERLAND RD	HUNTINGTON DR	PALOM	010	290	62	17,980	2/5/2016	R	AC	79	\$74	711,836	SEAL CRACKS
PALOMAR ROAD	GAINSBOROUGH DR	CUMBERLAND RD	PALOM	020	350	46	16,100	2/5/2016	R	AC	79	\$66	711,836	SEAL CRACKS
RIDGEWAY ROAD	KENILWORTH AVE	HUNTINGTON DR	RIDGE	060	1,375	32	44,000	2/9/2016	R	AC	81	\$157	733,564	SEAL CRACKS
SHAKESPEARE DRIVE	WALLINGFORD RD	PALOMAR RD	SHAKE	010	1,600	32	51,200	2/5/2016	R	AC	80	\$201	723,774	SEAL CRACKS
SHEFFIELD ROAD	ROSE AVE	E.C.L.	SHEFF	010	1,500	33	49,500	2/1/2016	R	AC	81	\$177	733,536	SEAL CRACKS
SHERWOOD ROAD	ALHAMBRA RD	WEST DR	SHERW	040	1,070	32	34,240	1/29/2016	C	AC	87	\$37	1,723,645	SEAL CRACKS
SOMERSET PLACE	WELLESLEY RD	E.C.L.	SOMER	020	800	28	22,400	2/1/2016	R	AC	88	\$18	1,837,133	SEAL CRACKS
STAATS PLACE	BANNING WAY	N.C.L.	STAATS	010	50	27	1,350	2/11/2016	R	AC	88	\$2	1,837,133	SEAL CRACKS
ST. ALBANS ROAD	MONTEREY RD	HUNTINGTON DR	STAL	020	960	47	45,120	2/4/2016	C	AC	79	\$183	748,493	SEAL CRACKS
ST. ALBANS ROAD	ROANOKE RD	LORAIN RD	STAL	040	1,150	47	54,050	2/4/2016	C	AC	87	\$58	1,723,645	SEAL CRACKS
VALENTINE PLACE	CUL-DE-SAC	N/O WILSON AVE	VALEN	010	502	33	16,566	2/11/2016	R	AC	88	\$13	1,837,133	SEAL CRACKS
WALLINGFORD ROAD	SANTA ANITA AVE	PALOMAR RD	WALLI	010	1,460	33	48,180	2/5/2016	R	AC	81	\$180	726,318	SEAL CRACKS
WALLINGFORD ROAD	PALOMAR RD	E.C.L.	WALLI	020	330	33	10,890	2/5/2016	R	AC	81	\$39	733,550	SEAL CRACKS
WAVERLY ROAD	MONTEREY RD	HUNTINGTON DR	WAVER	020	570	37	21,090	2/9/2016	R	AC	78	\$91	706,696	SEAL CRACKS
Treatment Total											\$1,862			
Year 2020 Area Total						1,304,644	Year 2020 Total				\$1,199,934			

Year: 2021

Street Name	Begin Location	End Location	Street ID	Section	Length	Width	Area	Last Inspected	FC	Surf Type	PCI	Cost	Rating	Treatment
SAN GABRIEL BLVD S/B	HUNTINGTON DR	94' S/O HUNTINGTON DR	SANG	3570	94	33	3,102	2/5/2016	A	PCC	100	\$17,981	19,916	SLAB REPLACEMENT (25%)
Treatment Total											\$17,981			

** - Treatment from Project Selection

Scenarios Criteria:

Scenarios - Sections Selected for Treatment

Interest: 3.00%

Inflation: 3.00%

Printed: 05/13/2016

Scenario: Scenario 1: City's Budget \$1.2 M Per Year

Year: 2021

Street Name	Begin Location	End Location	Street ID	Section	Length	Width	Area	Last Inspected	FC	Surf Type	PCI	Cost	Rating	Treatment
CALIFORNIA BLVD	SIERRA MADRE BLVD	WINSTON AVE	CALIF	050	400	45	18,000	2/2/2016	A	AC/A C	100	\$112,450	13,003	THICK AC OVERLAY W/ DIGOUTS
HUNTINGTON DRIVE W/B	KENILWORTH AVE	DEL MAR AVE	HUNTI	1650	925	51	47,175	2/4/2016	A	AC/A C	100	\$294,712	12,968	THICK AC OVERLAY W/ DIGOUTS
MONTEREY ROAD	OLD MILL RD	ST. ALBANS RD	MONTE	060	700	47	32,900	1/28/2016	A	AC	100	\$205,533	12,874	THICK AC OVERLAY W/ DIGOUTS
SHERWOOD ROAD	RIDGEWAY RD	KENILWORTH AVE	SHERW	080	520	37	19,240	1/29/2016	R	AC	100	\$92,068	10,646	THICK AC OVERLAY W/ DIGOUTS
WINSTON AVENUE	CALIFORNIA BLVD	LOMBARDY RD	WINST	040	650	39	25,350	2/5/2016	R	AC	100	\$121,306	10,644	THICK AC OVERLAY W/ DIGOUTS
Treatment Total												\$826,069		
CALIFORNIA BLVD	W.C.L.	ALLEN AVE	CALIF	010	225	42	9,450	2/2/2016	A	AC	100	\$27,388	18,278	THIN AC OVERLAY W/ DIGOUTS
HUNTINGTON DRIVE E/B	GRANADA AVE	CHELSEA RD	HUNTI	1340	1,147	53	60,791	2/5/2016	A	AC	100	\$176,184	20,314	THIN AC OVERLAY W/ DIGOUTS
Treatment Total												\$203,572		
ALEGRIA PLACE	CUL-DE-SAC	CALIFORNIA BLVD	ALEGR	010	300	33	9,900	2/2/2016	R	AC	91	\$4,145	20,971	SLURRY SEAL
ALLEN AVENUE	N.C.L.	CALIFORNIA BLVD	ALLEN	030	330	35	11,550	2/2/2016	R	AC	91	\$4,836	20,963	SLURRY SEAL
BONITA AVENUE	N.C.L.	CALIFORNIA BLVD	BONIT	010	500	32	16,000	2/2/2016	R	AC	90	\$6,699	22,079	SLURRY SEAL
CARLARIS ROAD	EL MOLINO AVE	RAMIRO RD	CARLA	010	830	32	26,560	2/11/2016	R	AC	91	\$11,119	21,728	SLURRY SEAL
DORESTA ROAD	EL MOLINO AVE	N.C.L.	DORES	010	650	33	21,450	2/11/2016	R	AC	91	\$8,980	21,728	SLURRY SEAL
MC FARLANE STREET	CUL-DE-SAC	W/O EUCLID AVE	MCFAR	010	575	33	18,975	2/11/2016	R	AC	91	\$7,944	20,969	SLURRY SEAL
MELVILLE DRIVE	DEL MAR AVE	CUL-DE-SAC	MELVI	050	260	31	8,060	2/3/2016	R	AC	91	\$3,375	21,026	SLURRY SEAL
MILL CANYON ROAD	CUL-DE-SAC	N/O MILL LANE	MILLCA	010	450	27	12,150	2/4/2016	R	AC	91	\$5,087	21,440	SLURRY SEAL
OAK STREET	GARFIELD AVE	LOS ROBLES AVE	OAKS	010	475	27	12,825	2/5/2016	R	AC/A C	91	\$5,369	22,787	SLURRY SEAL
OLD MILL ROAD	MONTEREY RD	HUNTINGTON DR	OLDM	030	1,330	32	42,560	2/4/2016	R	AC/A C	91	\$17,817	22,207	SLURRY SEAL
PALOMAR ROAD	DEVONPORT RD	CANTERBURY RD	PALOM	060	325	33	10,725	2/5/2016	R	AC/A C	91	\$4,490	21,545	SLURRY SEAL
PALOMAR ROAD	LOMBARDY RD	DEVONPORT RD	PALOM	070	540	33	17,820	2/5/2016	R	AC/A C	91	\$7,460	22,203	SLURRY SEAL
PLYMOUTH ROAD	LOS ROBLES AVE	EL MOLINO AVE	PLYMO	010	840	27	22,680	1/28/2016	R	AC	90	\$9,495	22,109	SLURRY SEAL
ROBLES AVENUE	WINSTON AVE	SANTA ANITA AVE	ROBLE	030	650	37	24,050	2/3/2016	R	AC	91	\$10,068	20,958	SLURRY SEAL

** - Treatment from Project Selection

Scenarios Criteria:

Scenarios - Sections Selected for Treatment

Interest: 3.00%

Inflation: 3.00%

Printed: 05/13/2016

Scenario: Scenario 1: City's Budget \$1.2 M Per Year

Year: 2021

Street Name	Begin Location	End Location	Street ID	Section	Length	Width	Area	Last Inspected	FC	Surf Type	PCI	Cost	Rating	Treatment
TURA LANE	CUL-DE-SAC	W/O SAN GABRIEL BLVD	TURA	010	420	32	13,440	2/2/2016	R	AC	90	\$5,627	22,704	SLURRY SEAL
WARWICK ROAD	HUNTINGTON DR	ROANOKE RD	WARWI	010	550	45	24,750	2/3/2016	R	AC	91	\$10,362	20,958	SLURRY SEAL
WAVERLY ROAD	CUL-DE-SAC	S/O HUNTINGTON DR	WAVER	010	513	32	16,416	2/9/2016	R	AC/A C	91	\$6,873	22,767	SLURRY SEAL
WELLESLEY ROAD	SHEFFIELD RD	SOMESET PL	WELLE	010	450	33	14,850	2/1/2016	R	AC	91	\$6,217	21,041	SLURRY SEAL
WILSON AVENUE	EL MOLINO AVE	GRANADA AVE	WILSO	020	975	32	31,200	2/11/2016	R	AC/A C	91	\$13,062	21,404	SLURRY SEAL
Treatment Total											\$149,025			
ALHAMBRA ROAD	LORAIN RD	S.C.L.	ALHAM	010	270	37	9,990	2/2/2016	R	AC	88	\$8	1,783,624	SEAL CRACKS
BLACKSTONE ROAD	HUNTINGTON DR	KINGHURST	BLACK	010	1,150	33	37,950	2/8/2016	R	AC	88	\$30	1,783,624	SEAL CRACKS
CANTERBURY ROAD	SIERRA MADRE BLVD	WINSTON AVE	CANTE	040	350	37	12,950	2/5/2016	R	AC	82	\$45	713,379	SEAL CRACKS
CANTERBURY ROAD	WINSTON AVE	SANTA ANITA AVE	CANTE	050	425	37	15,725	2/5/2016	R	AC	85	\$44	700,575	SEAL CRACKS
CHESTER AVENUE	CALIFORNIA BLVD	LOMBARDY RD	CHEST	030	550	37	20,350	2/4/2016	R	AC	88	\$17	1,783,624	SEAL CRACKS
CONISTON PLACE	KENILWORTH AVE	WILBURY RD	CONIS	020	630	32	20,160	2/9/2016	R	AC	82	\$73	712,548	SEAL CRACKS
CUMBERLAND ROAD	GAINSBOROUGH DR	PALOMAR RD	CUMBE	790	1,067	33	35,211	2/5/2016	R	AC	84	\$109	712,061	SEAL CRACKS
CUMBERLAND ROAD	KENILWORTH AVE	WINSTON AVE	CUMBE	810	969	31	30,039	2/5/2016	R	AC	82	\$108	712,536	SEAL CRACKS
DARBY ROAD	GRANADA AVE	OAK KNOLL AVE	DARBY	010	1,150	45	51,750	2/9/2016	R	AC	88	\$41	1,783,624	SEAL CRACKS
DUARTE ROAD	150' EAST OF ROSE AVE	HILLARD DR	DUART	030	275	45	12,375	2/3/2016	C	AC	87	\$14	1,673,442	SEAL CRACKS
FAIRFIELD PLACE	CUL-DE-SAC	E/O SANTA ANITA AVE	FAIRF	010	450	33	14,850	2/2/2016	R	AC	84	\$44	704,793	SEAL CRACKS
GAINSBOROUGH DRIVE	PALOMAR RD	SAN GABRIEL BLVD	GAINS	020	380	41	15,580	2/5/2016	R	AC	81	\$59	706,436	SEAL CRACKS
HILLIARD DRIVE	DUARTE RD	WOODLAWN AVE	HILLI	010	570	35	19,950	2/1/2016	R	AC	82	\$68	713,363	SEAL CRACKS
HILLIARD DRIVE	ROSE AVE	DUARTE RD	HILLI	020	440	35	15,400	2/1/2016	R	AC	82	\$56	712,523	SEAL CRACKS
HUNTLEY CIRCLE	W. CDS	SIERRA MADRE BLVD	HUNTL	010	508	33	16,764	2/4/2016	R	AC	88	\$14	1,783,624	SEAL CRACKS
KENILWORTH AVENUE	RIDGEWAY RD	CONISTON PL	KENIL	080	300	32	9,600	2/8/2016	R	AC	82	\$35	712,547	SEAL CRACKS

** - Treatment from Project Selection

Scenarios Criteria:

Scenarios - Sections Selected for Treatment

Interest: 3.00%

Inflation: 3.00%

Printed: 05/13/2016

Scenario: Scenario 1: City's Budget \$1.2 M Per Year

Year: 2021

Street Name	Begin Location	End Location	Street ID	Section	Length	Width	Area	Last Inspected	FC	Surf Type	PCI	Cost	Rating	Treatment
LA MIRADA AVENUE	LOS ROBLES AVE	EL MOLINO AVE	LAMI	020	750	28	21,000	1/28/2016	R	AC	88	\$17	1,783,624	SEAL CRACKS
LA MIRADA AVENUE	EL MOLINO AVE	VERANDA PL	LAMI	030	450	30	13,500	1/28/2016	R	AC	88	\$11	1,783,624	SEAL CRACKS
LA PAZ DRIVE	N.C.L.	CALIFORNIA BLVD	LAPA	010	370	28	10,360	2/2/2016	R	AC	85	\$29	700,628	SEAL CRACKS
MELVILLE DRIVE	RIDGEWAY RD	KENILWORTH AVE	MELVI	030	640	37	23,680	2/3/2016	R	AC	88	\$19	1,783,624	SEAL CRACKS
MIRASOL DRIVE	HUNTINGTON DR	RUBIO DR	MIRAS	010	1,300	32	41,600	2/8/2016	R	AC	88	\$33	1,783,624	SEAL CRACKS
MONTEREY PLACE	CUL-DE-SAC	S/O MONTEREY PL	MONTEPL	010	225	33	7,425	1/28/2016	R	AC	88	\$6	1,783,624	SEAL CRACKS
OAK GROVE PLACE	CUL-DE-SAC	E/O OAK GROVE AVE	OAKGRPL	010	1,040	34	35,360	2/10/2016	R	AC	80	\$140	703,768	SEAL CRACKS
OAK KNOLL AVENUE	DARBY RD	S.C.L.	OAKK	010	230	37	8,510	2/10/2016	R	AC	83	\$28	713,472	SEAL CRACKS
ORLANDO PLACE	CUL-DE-SAC	E/O ORLANDO RD	ORLANPL	010	525	33	17,325	2/5/2016	R	AC	83	\$57	713,507	SEAL CRACKS
PASQUALITO DRIVE	HUNTINGTON DR	300' W/O EL MOLINO AVE	PASQU	010	840	32	26,880	2/11/2016	R	AC	83	\$87	713,468	SEAL CRACKS
PATTON WAY	EUSTON RD	N. CDS	PATTO	3070	649	36	23,364	2/5/2016	R	AC	88	\$19	1,783,624	SEAL CRACKS
RAMIRO ROAD	N.C.L.	MONTEREY RD	RAMIR	010	880	32	28,160	2/11/2016	R	AC	88	\$23	1,783,624	SEAL CRACKS
RIDGEWAY ROAD	WINSTON AVE	KENILWORTH AVE	RIDGE	070	1,100	32	35,200	2/9/2016	R	AC	83	\$114	713,480	SEAL CRACKS
SHAKESPEARE DRIVE	PALOMAR RD	E.C.L.	SHAKE	020	350	32	11,200	2/5/2016	R	AC	83	\$37	713,507	SEAL CRACKS
SHARON PLACE	ROSE AVE	ROSE AVE	SHARO	010	1,500	33	49,500	2/1/2016	R	AC	82	\$178	712,523	SEAL CRACKS
ST. ALBANS ROAD	HUNTINGTON DR	ROANOKE RD	STAL	030	500	47	23,500	2/4/2016	C	AC	87	\$26	1,673,442	SEAL CRACKS
VANDYKE ROAD	HUNTINGTON DR	LORAIN RD	VANDY	010	1,600	33	52,800	2/8/2016	R	AC	88	\$42	1,783,624	SEAL CRACKS
VERONDA PLACE	MONTEREY RD	LA MIRADA AVE	VERON	010	250	27	6,750	1/28/2016	R	AC	88	\$6	1,783,624	SEAL CRACKS
WILBURY ROAD	RIDGEWAY RD	CUMBERLAND RD	WILBU	010	475	32	15,200	2/9/2016	R	AC	86	\$41	689,017	SEAL CRACKS
											Treatment Total		\$1,678	
Year 2021 Area Total						1,361,927		Year 2021 Total				\$1,198,325		

** - Treatment from Project Selection

Scenarios Criteria:

Scenarios - Sections Selected for Treatment

Interest: 3.00%

Inflation: 3.00%

Printed: 05/13/2016

Scenario: Scenario 1: City's Budget \$1.2 M Per Year

Year: 2022

Street Name	Begin Location	End Location	Street ID	Section	Length	Width	Area	Last Inspected	FC	Surf Type	PCI	Cost	Rating	Treatment
ARDMORE ROAD	EL MOLINO AVE	N.C.L.	ARDMO	010	350	32	11,200	2/11/2016	R	AC	100	\$55,203	10,270	THICK AC OVERLAY W/ DIGOUTS
CHAUCER ROAD	LOMBARDY RD	CALIFORNIA BLVD	CHAUC	040	600	37	22,200	2/1/2016	R	AC	100	\$109,419	10,333	THICK AC OVERLAY W/ DIGOUTS
LA CALA PLACE	CUL-DE-SAC	N/O WILSON AVE	LACA	010	350	36	12,600	2/11/2016	R	AC	100	\$62,103	10,270	THICK AC OVERLAY W/ DIGOUTS
LAS FLORES AVENUE	BUENA VISTA ST	MISSION ST	LASF	010	900	27	24,300	2/11/2016	R	AC	100	\$119,770	10,330	THICK AC OVERLAY W/ DIGOUTS
ROXBURY ROAD	GRANADA AVE	OAK KNOLL AVE	ROXBU	010	1,100	37	40,700	2/9/2016	R	AC	100	\$200,602	10,330	THICK AC OVERLAY W/ DIGOUTS
SAN SALVATORE PLACE	ROSE AVE	S.C.L.	SANS	010	330	31	10,230	2/1/2016	R	AC	100	\$50,422	10,205	THICK AC OVERLAY W/ DIGOUTS
Treatment Total												\$597,519		
LOS ROBLES AVENUE	MISSION ST	MONTEREY RD	LOSR	040	1,180	32	37,760	1/28/2016	A	AC/A C	100	\$112,719	18,800	THIN AC OVERLAY W/ DIGOUTS
MONTEREY ROAD	OAK KNOLL AVE	OLD MILL RD	MONTE	050	1,300	27	35,100	1/28/2016	A	AC	100	\$104,779	19,810	THIN AC OVERLAY W/ DIGOUTS
MONTEREY ROAD	CAMBRIDGE RD	WAVERLY RD	MONTE	120	400	45	18,000	1/28/2016	A	AC	100	\$53,733	20,318	THIN AC OVERLAY W/ DIGOUTS
SAN MARINO AVENUE	ORLANDO RD	STRATFORD RD	SANM	0100	2,000	38	76,000	2/1/2016	A	AC	100	\$226,870	20,307	THIN AC OVERLAY W/ DIGOUTS
Treatment Total												\$498,101		
WEST DR	LORAIN RD	SHERWOOD RD	WEST	010	600	32	19,200	2/4/2016	A	AC	100	\$51,584	21,988	THIN AC OVERLAY
Treatment Total												\$51,584		
WARWICK ROAD	ROANOKE RD	LORAIN RD	WARWI	020	750	45	33,750	2/3/2016	R	AC	90	\$14,553	22,503	SLURRY SEAL
WINDSOR ROAD	HUNTINGTON DR	ROANOKE RD	WINDS	010	900	45	40,500	2/4/2016	R	AC	90	\$17,464	22,498	SLURRY SEAL
WINDSOR ROAD	ROANOKE RD	LORAIN RD	WINDS	020	850	45	38,250	2/4/2016	R	AC	90	\$16,493	22,498	SLURRY SEAL
Treatment Total												\$48,510		
ALHAMBRA ROAD	SHERWOOD RD	VIRGINIA RD	ALHAM	020	560	37	20,720	2/2/2016	C	AC	79	\$89	705,968	SEAL CRACKS
BEDFORD ROAD	HUNTINGTON DR	WEST DR	BEDFO	010	1,400	32	44,800	1/29/2016	R	AC	86	\$121	664,289	SEAL CRACKS
BELHAVEN AVENUE	HUNTINGTON DR	LORAIN RD	BELHA	010	1,430	33	47,190	2/8/2016	R	AC	88	\$39	1,731,674	SEAL CRACKS
BELLWOOD ROAD	HUNTINGTON DR	LORAIN RD	BELLW	010	1,750	33	57,750	2/8/2016	R	AC	88	\$47	1,731,674	SEAL CRACKS

** - Treatment from Project Selection

Scenarios Criteria:

Scenarios - Sections Selected for Treatment

Interest: 3.00%

Inflation: 3.00%

Printed: 05/13/2016

Scenario: Scenario 1: City's Budget \$1.2 M Per Year

Year: 2022

Street Name	Begin Location	End Location	Street ID	Section	Length	Width	Area	Last Inspected	FC	Surf Type	PCI	Cost	Rating	Treatment
BRADBURY ROAD	HUNTINGTON DR	MELVILLE DR	BRADB	010	1,675	32	53,600	2/8/2016	R	AC	86	\$138	656,892	SEAL CRACKS
BRENTFORD ROAD	CUL-DE-SAC	E/O SAN MARINO AVE	BRENT	010	675	36	24,300	2/1/2016	R	AC	87	\$59	642,655	SEAL CRACKS
CALLITA PLACE	GARFIELD AVE	E. CDS	CALLI	490	183	29	5,307	2/5/2016	R	AC	88	\$11	577,908	SEAL CRACKS
CHANDLER PLACE	CUL-DE-SAC	W/O OAK GROVE AVE	CHAND	010	430	25	10,750	2/9/2016	R	AC	88	\$9	1,731,674	SEAL CRACKS
CHARLTON ROAD	MONTEREY RD	HUNTINGTON DR	CHARL	010	675	37	24,975	2/9/2016	R	AC	88	\$21	1,731,674	SEAL CRACKS
CHELSEA ROAD	HUNTINGTON DR	ROANOKE RD	CHELS	020	525	47	24,675	2/10/2016	R	AC/A C	88	\$21	1,731,674	SEAL CRACKS
CONISTON PLACE	RIDGEWAY RD	KENILWORTH AVE	CONIS	010	375	32	12,000	2/9/2016	R	AC	85	\$34	678,756	SEAL CRACKS
CUMBERLAND ROAD	RIDGEWAY RD	KENILWORTH AVE	CUMBE	800	449	33	14,817	2/5/2016	R	AC	86	\$40	663,623	SEAL CRACKS
DEVONPORT ROAD	SANTA ANITA AVE	PALOMAR RD	DEVON	010	970	33	32,010	2/2/2016	R	AC	88	\$26	1,731,674	SEAL CRACKS
DUARTE ROAD	LORAIN RD	ROSE AVE	DUART	010	450	45	20,250	2/3/2016	R	AC/A C	87	\$29	1,189,846	SEAL CRACKS
DURKLYN CT	BEDFORD RD	S. CDS	DURKL	010	340	32	10,880	2/5/2016	R	AC	88	\$9	1,731,674	SEAL CRACKS
EL MOLINO AVENUE	WINTHROP RD	WILSON AVE	ELMO	030	450	32	14,400	2/11/2016	C	AC/A C	86	\$23	1,301,055	SEAL CRACKS
EL MOLINO PLACE	WILSON AVE	PASQUALITO DR	ELMOPL	020	450	32	14,400	2/11/2016	R	AC	85	\$41	678,724	SEAL CRACKS
ENDICOTT ROAD	SHEFFIELD RD	SOMERSET PL	ENDIC	010	500	33	16,500	2/1/2016	R	AC	88	\$14	1,731,674	SEAL CRACKS
EUSTON ROAD	OXFORD RD	SAN MARINO AVE	EUSTO	040	425	37	15,725	2/4/2016	C	AC	83	\$47	989,439	SEAL CRACKS
HUNTINGTON FRONTAGE W/B	HUNTINGTON DR	EL MOLINO AVE	HUNTI	1700	591	17	10,047	2/4/2016	C	AC	83	\$30	989,439	SEAL CRACKS
HUNTINGTON FRONTAGE W/B	EL MOLINO AVE	LOS ROBLES AVE	HUNTI	1710	1,536	17	26,112	2/4/2016	C	AC	83	\$77	989,439	SEAL CRACKS
KENILWORTH AVENUE	CUMBERLAND RD	HUNTINGTON DR	KENIL	060	325	32	10,400	2/8/2016	R	AC	88	\$9	1,731,674	SEAL CRACKS
KENILWORTH AVENUE	SIERRA MADRE BLVD	RIDGEWAY RD	KENIL	090	350	32	11,200	2/8/2016	R	AC	88	\$10	1,731,674	SEAL CRACKS
KENSINGTON ROAD	EUSTON RD	MONTEREY RD	KENSI	020	675	37	24,975	2/8/2016	R	AC	87	\$60	641,984	SEAL CRACKS
KERNS AVE	SHEFFIELD RD	S.C.L.	KERNS	010	630	33	20,790	2/1/2016	R	AC	88	\$17	1,731,674	SEAL CRACKS
KEWEN PLACE	CUL-DE-SAC	W/O OAK GROVE AVE	KEWEN	010	425	25	10,625	2/9/2016	R	AC	88	\$9	1,731,674	SEAL CRACKS

** - Treatment from Project Selection

Scenarios Criteria:

Scenarios - Sections Selected for Treatment

Interest: 3.00%

Inflation: 3.00%

Printed: 05/13/2016

Scenario: Scenario 1: City's Budget \$1.2 M Per Year

Year: 2022

Street Name	Begin Location	End Location	Street ID	Section	Length	Width	Area	Last Inspected	FC	Surf Type	PCI	Cost	Rating	Treatment
KINGHURST ROAD	VANDYKE RD	BELHAVEN RD	KINGH	010	780	33	25,740	2/8/2016	R	AC	88	\$21	1,731,674	SEAL CRACKS
LORAIN ROAD	SHERWOOD RD	ST. ALBANS	LORAI	010	1,570	45	70,650	1/29/2016	C	AC	81	\$279	736,812	SEAL CRACKS
LORAIN ROAD	ST. ALBANS	ALHAMBRA RD	LORAI	020	1,350	45	60,750	1/29/2016	C	AC/A C	84	\$155	1,659,379	SEAL CRACKS
LORAIN ROAD	ALHAMBRA RD	WEST DR	LORAI	030	1,150	45	51,750	1/29/2016	C	AC/A C	79	\$220	1,074,477	SEAL CRACKS
MELVILLE DRIVE	WESTHAVEN RD	SAN MARINO AVE	MELVI	010	650	37	24,050	2/3/2016	R	AC	88	\$20	1,731,674	SEAL CRACKS
MELVILLE DRIVE	KENILWORTH AVE	DEL MAR AVE	MELVI	040	400	37	14,800	2/3/2016	R	AC	88	\$13	1,731,674	SEAL CRACKS
MILL LANE	OLD MILL RD	CITY PARK	MILL	010	950	32	30,400	2/4/2016	C	AC	89	\$56	825,545	SEAL CRACKS
MONTROBLES PLACE	LOS ROBLES AVE	MONTEREY RD	MONTR	010	550	28	15,400	1/28/2016	R	AC	85	\$44	678,977	SEAL CRACKS
PARK PLACE	CUL-DE-SAC	S/O CIRCLE DR	PARK	010	360	27	9,720	2/9/2016	R	AC	88	\$8	1,731,674	SEAL CRACKS
PLYMOUTH ROAD	EL MOLINO AVE	WINTHROP RD	PLYMO	020	940	27	25,380	1/28/2016	R	AC	88	\$21	1,731,674	SEAL CRACKS
ROANOKE ROAD	CHELSEA RD	OLD MILL RD	ROANO	020	720	44	31,680	2/3/2016	R	AC	86	\$85	663,799	SEAL CRACKS
ROSE AVENUE	DEL MAR AVE	W.C.L.	ROSE	010	3,850	35	134,750	2/1/2016	R	AC	84	\$433	1,055,483	SEAL CRACKS
RUBIO DRIVE	HUNTINGTON DR	MELVILLE DR	RUBIO	020	1,300	33	42,900	2/8/2016	R	AC	88	\$35	1,731,674	SEAL CRACKS
RUSSET LANE	CUL-DE-SAC	N/O WOODLAWN	RUSSE	010	250	33	8,250	2/1/2016	R	AC	88	\$7	1,731,674	SEAL CRACKS
SAN MARINO AVENUE	LOMBARDY RD	ORLANDO RD	SANM	0110	500	37	18,500	2/1/2016	C	AC	83	\$55	989,439	SEAL CRACKS
SAN MARINO AVENUE	N.C.L.	CALIFORNIA BLVD	SANM	130	330	37	12,210	2/1/2016	C	AC	79	\$53	705,815	SEAL CRACKS
SHENANDOAH ROAD	ROSALIND RD	OAK GROVE AVE	SHENA	030	900	23	20,700	2/10/2016	R	AC	85	\$61	682,650	SEAL CRACKS
SOMERSET PLACE	ENDICOTT RD	WELLESLEY RD	SOMER	010	300	32	9,600	2/1/2016	R	AC	88	\$8	1,731,674	SEAL CRACKS
SUSSEX ROAD	GRANADA AVE	CHELSEA RD	SUSSE	010	790	32	25,280	2/4/2016	R	AC	77	\$123	650,820	SEAL CRACKS
SYCAMORE DRIVE	DEL MAR AVE	ROSE AVE	SYCAM	010	1,250	32	40,000	2/1/2016	R	AC	88	\$33	1,731,674	SEAL CRACKS
VIRGINIA ROAD	MONTEREY RD	HUNTINGTONG DR	VIRGI	060	750	46	34,500	2/4/2016	C	AC	89	\$69	843,884	SEAL CRACKS
WAVERLY ROAD	EUSTON RD	MONTEREY RD	WAVER	030	775	37	28,675	2/9/2016	R	AC	83	\$99	1,014,248	SEAL CRACKS

** - Treatment from Project Selection

Scenarios Criteria:

Scenarios - Sections Selected for Treatment

Interest: 3.00%

Inflation: 3.00%

Printed: 05/13/2016

Scenario: Scenario 1: City's Budget \$1.2 M Per Year

Year: 2022

Street Name	Begin Location	End Location	Street ID	Section	Length	Width	Area	Last Inspected	FC	Surf Type	PCI	Cost	Rating	Treatment
WEMBLEY ROAD	MONTEREY RD	HUNTINGTON DR	WEMBL	010	680	37	25,160	2/9/2016	R	AC	88	\$21	1,731,674	SEAL CRACKS
WESTHAVEN ROAD	MONTEREY RD	HUNTINGTON DR	WESTH	030	475	37	17,575	1/29/2016	R	AC	78	\$82	654,511	SEAL CRACKS
WETHERBY ROAD	SANTA ANITA AVE	PALOMAR RD	WETHE	010	775	33	25,575	2/5/2016	R	AC	84	\$80	687,985	SEAL CRACKS
WOODLAWN AVE	ROSE AVE	SAN GABRIEL BLVD	WOODL	010	1,237	32	39,584	2/5/2016	R	AC	88	\$33	1,731,674	SEAL CRACKS
Treatment Total												\$3,144		
Year 2022 Area Total						1,842,567	Year 2022 Total		\$1,198,858					

Year: 2023

Street Name	Begin Location	End Location	Street ID	Section	Length	Width	Area	Last Inspected	FC	Surf Type	PCI	Cost	Rating	Treatment
ADAIR STREET	OLD MILL RD	ST. ALBANS	ADAIR	010	1,040	45	46,800	2/3/2016	R	AC	100	\$237,588	10,024	THICK AC OVERLAY W/ DIGOUTS
ADAIR STREET	WESTHAVEN RD	SAN MARINO AVE	ADAIR	020	700	37	25,900	2/3/2016	R	AC	100	\$131,486	10,024	THICK AC OVERLAY W/ DIGOUTS
BEDFORD ROAD	MONTEREY RD	HUNTINGTON	BEDFO	020	530	37	19,610	1/29/2016	R	AC	100	\$99,554	10,026	THICK AC OVERLAY W/ DIGOUTS
Treatment Total												\$468,628		
HUNTINGTON DRIVE E/B	OLD MILL RD	269 W. OF ST ALBANS RD	HUNTI	1360	229	39	8,931	2/5/2016	A	AC	100	\$27,461	18,796	THIN AC OVERLAY W/ DIGOUTS
HUNTINGTON DRIVE W/B	GARFIELD AVE	MONTEREY ST	HUNTI	1500	745	42	31,290	2/4/2015	A	AC/A C	100	\$96,207	17,881	THIN AC OVERLAY W/ DIGOUTS
MONTEREY ROAD	EL MOLINO AVE	RAMIRO RD	MONTE	030	891	37	32,967	1/28/2016	A	AC	100	\$101,364	19,303	THIN AC OVERLAY W/ DIGOUTS
VIRGINIA ROAD	SHENANDOAH RD	MONTEREY RD	VIRGI	050	1,280	46	58,880	2/4/2016	A	AC	100	\$181,038	18,798	THIN AC OVERLAY W/ DIGOUTS
Treatment Total												\$406,070		
GRANADA AVENUE	260' SOUTH OF HUNTINGTON DR	ROXBURY RD	GRANA	010	1,670	37	61,790	2/9/2016	A	AC/A C	100	\$170,987	20,548	THIN AC OVERLAY
Treatment Total												\$170,987		
ALHAMBRA ROAD	SHERWOOD RD	VIRGINIA RD	ALHAM	020	560	37	20,720	2/2/2016	C	AC	85	\$9,486	28,421	SLURRY SEAL
EUSTON ROAD	OXFORD RD	SAN MARINO AVE	EUSTO	040	425	37	15,725	2/4/2016	C	AC	89	\$7,199	28,066	SLURRY SEAL

** - Treatment from Project Selection

Scenarios - Sections Selected for Treatment

Interest: 3.00%

Inflation: 3.00%

Printed: 05/13/2016

Scenario: Scenario 1: City's Budget \$1.2 M Per Year

Year: 2023

Street Name	Begin Location	End Location	Street ID	Section	Length	Width	Area	Last Inspected	FC	Surf Type	PCI	Cost	Rating	Treatment
LORAIN ROAD	ST. ALBANS	ALHAMBRA RD	LORAI	020	1,350	45	60,750	1/29/2016	C	AC/A C	90	\$27,811	46,364	SLURRY SEAL
LORAIN ROAD	ALHAMBRA RD	WEST DR	LORAI	030	1,150	45	51,750	1/29/2016	C	AC/A C	86	\$23,691	41,168	SLURRY SEAL
ROSE AVENUE	DEL MAR AVE	W.C.L.	ROSE	010	3,850	35	134,750	2/1/2016	R	AC	90	\$59,846	37,269	SLURRY SEAL
SAN MARINO AVENUE	N.C.L.	CALIFORNIA BLVD	SANM	130	330	37	12,210	2/1/2016	C	AC	85	\$5,590	28,419	SLURRY SEAL
STAATS PLACE	BANNING WAY	N.C.L.	STAATS	010	50	27	1,350	2/11/2016	R	AC	90	\$600	22,641	SLURRY SEAL
WAVERLY ROAD	EUSTON RD	MONTEREY RD	WAVER	030	775	37	28,675	2/9/2016	R	AC	89	\$12,736	36,582	SLURRY SEAL
Treatment Total											\$146,959			
CHARLTON ROAD	EUSTON RD	MONTEREY RD	CHARL	020	650	37	24,050	2/9/2016	R	AC	88	\$21	1,681, 237	SEAL CRACKS
CHELSEA ROAD	ROANOKE RD	OLD MILL RD	CHELS	010	450	47	21,150	2/10/2016	R	AC/A C	88	\$18	1,681, 237	SEAL CRACKS
DEVONPORT ROAD	PALOMAR RD	SAN GABRIEL BLVD	DEVON	020	625	33	20,625	2/2/2016	R	AC	88	\$18	1,681, 237	SEAL CRACKS
DUARTE ROAD	ROSE AVE	150' EAST	DUART	020	100	45	4,500	2/11/2016	C	AC	83	\$14	960,620	SEAL CRACKS
DUARTE ROAD	HILLARD DR	SAN GABRIEL BLVD	DUART	040	325	45	14,625	2/3/2016	C	AC	87	\$17	1,577, 380	SEAL CRACKS
ENCINO DRIVE	W.C.L.	VIRGINIA RD	ENCIN	010	500	13	6,500	2/9/2016	R	AC	79	\$30	650,090	SEAL CRACKS
EUCLID AVE	MISSION ST	MONTEREY RD	EUCLI	010	1,425	27	38,475	2/1/2016	R	AC/A C	87	\$38	1,503, 382	SEAL CRACKS
EUSTON ROAD	WAVERLY RD	OXFORD RD	EUSTO	030	1,186	37	43,882	2/4/2016	C	AC	83	\$133	960,620	SEAL CRACKS
FLEUR DRIVE	EL MOLINO AVE	RAMIRO RD	FLEUR	010	750	27	20,250	3/22/2016	R	AC	86	\$54	636,679	SEAL CRACKS
GAINSBOROUGH DRIVE	HUNTINGTON DR	PALOMAR RD	GAINS	010	1,900	41	77,900	2/5/2016	R	AC	88	\$66	1,681, 237	SEAL CRACKS
GRANADA AVENUE	WILSON AVE	HUNTINGTON DR	GRANA	030	870	37	32,190	2/9/2016	C	AC	83	\$112	769,477	SEAL CRACKS
KENILWORTH AVENUE	CONISTON PL	CUMBERLAND RD	KENIL	070	300	32	9,600	2/8/2016	R	AC	79	\$43	653,766	SEAL CRACKS
KENSINGTON ROAD	MONTEREY RD	HUNTINGTON DR	KENSI	010	635	37	23,495	2/8/2016	R	AC	77	\$116	633,381	SEAL CRACKS
LOMBARDY PLACE	CUL-DE-SAC	LOMBARDY RD	LOMBAPL	010	450	33	14,850	2/2/2016	R	AC	88	\$13	1,681, 237	SEAL CRACKS
LORAIN ROAD	WEST HAVEN RD	SAN MARINO AVE	LORAI	050	944	45	42,480	1/29/2016	C	AC	89	\$83	819,330	SEAL CRACKS
LORAIN ROAD	SAN MARINO AVE	DEL MAR AVE	LORAI	060	1,080	45	48,600	1/29/2016	C	AC	89	\$95	819,330	SEAL CRACKS
LORAIN ROAD	DEL MAR AVE	MELVILLE DR	LORAI	070	1,650	45	74,250	1/29/2016	C	AC	89	\$145	819,330	SEAL CRACKS
LORAIN ROAD	MELVILLE DR	1,150' EAST	LORAI	080	1,150	32	36,800	2/2/2016	C	AC	89	\$72	818,652	SEAL CRACKS

** - Treatment from Project Selection

Scenarios Criteria:

Scenarios - Sections Selected for Treatment

Interest: 3.00%

Inflation: 3.00%

Printed: 05/13/2016

Scenario: Scenario 1: City's Budget \$1.2 M Per Year

Year: 2023

Street Name	Begin Location	End Location	Street ID	Section	Length	Width	Area	Last Inspected	FC	Surf Type	PCI	Cost	Rating	Treatment
LORAIN ROAD	1,150' E/O MELVILLE DR	E.C.L.	LORAI	090	400	45	18,000	1/29/2016	C	AC	89	\$35	819,330	SEAL CRACKS
LOS ARBOLES PLACE	CUL-DE-SAC	N/O CALIFORNIA BLVD	LOSA	010	340	33	11,220	3/23/2016	R	AC	87	\$29	632,067	SEAL CRACKS
MELVILLE DRIVE	SAN MARINO AVE	RIDGEWAY RD	MELVI	020	630	37	23,310	2/3/2016	R	AC	79	\$107	650,018	SEAL CRACKS
MILL LANE	CITY PARK	VIRGINIA RD	MILL	020	150	37	5,550	2/4/2016	C	AC	84	\$18	789,446	SEAL CRACKS
MISSION STREET	LOS ROBLES AVE	EL MOLINO AVE	MISSI	030	510	55	28,050	2/11/2016	R	AC	88	\$24	1,681,237	SEAL CRACKS
OAK GROVE AVENUE	VIRGINIA RD	ROSALIND RD	OAKGR	020	1,316	27	35,532	2/10/2016	R	AC	86	\$94	636,907	SEAL CRACKS
OAK KNOLL AVENUE	ROANOKE RD	SHERWOOD RD	OAKK	030	500	45	22,500	2/10/2016	R	AC	77	\$115	624,838	SEAL CRACKS
PALOMAR ROAD	CUMBERLAND RD	HUNTINGTON DR	PALOM	010	290	62	17,980	2/5/2016	R	AC	77	\$92	624,463	SEAL CRACKS
PALOMAR ROAD	GAINSBOROUGH DR	CUMBERLAND RD	PALOM	020	350	46	16,100	2/5/2016	R	AC	77	\$82	624,463	SEAL CRACKS
PALOMAR ROAD	CANTERBURY RD	WALLINGFORD RD	PALOM	050	320	33	10,560	2/5/2016	R	AC/A C	88	\$10	1,634,738	SEAL CRACKS
RIDGEWAY ROAD	KENILWORTH AVE	HUNTINGTON DR	RIDGE	060	1,375	32	44,000	2/9/2016	R	AC	79	\$201	650,090	SEAL CRACKS
SANTA ANITA AVENUE	CALIFORNIA BLVD	LOMBARDY RD	SANTA	030	800	45	36,000	2/2/2016	C	AC	89	\$70	818,652	SEAL CRACKS
SANTA ANITA AVENUE	N.C.L.	CALIFORNIA BLVD	SANTA	040	330	45	14,850	2/2/2016	C	AC	89	\$29	818,652	SEAL CRACKS
SHAKESPEARE DRIVE	WALLINGFORD RD	PALOMAR RD	SHAKE	010	1,600	32	51,200	2/5/2016	R	AC	77	\$251	633,333	SEAL CRACKS
SHEFFIELD ROAD	ROSE AVE	E.C.L.	SHEFF	010	1,500	33	49,500	2/1/2016	R	AC	79	\$226	649,990	SEAL CRACKS
SHERWOOD ROAD	ALHAMBRA RD	WEST DR	SHERW	040	1,070	32	34,240	1/29/2016	C	AC	83	\$104	960,620	SEAL CRACKS
ST. ALBANS ROAD	MONTEREY RD	HUNTINGTON DR	STAL	020	960	47	45,120	2/4/2016	C	AC	75	\$250	575,903	SEAL CRACKS
ST. ALBANS ROAD	ROANOKE RD	LORAIN RD	STAL	040	1,150	47	54,050	2/4/2016	C	AC	83	\$164	960,620	SEAL CRACKS
ST. ALBANS ROAD	LORAIN RD	S.C.L.	STAL	050	300	47	14,100	2/4/2016	R	AC	88	\$12	1,681,237	SEAL CRACKS
WALLINGFORD ROAD	SANTA ANITA AVE	PALOMAR RD	WALLI	010	1,460	33	48,180	2/5/2016	R	AC	78	\$228	641,548	SEAL CRACKS
WALLINGFORD ROAD	PALOMAR RD	E.C.L.	WALLI	020	330	33	10,890	2/5/2016	R	AC	79	\$50	650,041	SEAL CRACKS
WAVERLY ROAD	MONTEREY RD	HUNTINGTON DR	WAVER	020	570	37	21,090	2/9/2016	R	AC	76	\$111	613,681	SEAL CRACKS
WESTHAVEN ROAD	EUSTON RD	MONTEREY RD	WESTH	040	750	37	27,750	1/29/2016	R	AC	88	\$24	1,681,237	SEAL CRACKS
											Treatment Total		\$3,414	
Year 2023 Area Total						1,806,092	Year 2023 Total				\$1,196,058			

** - Treatment from Project Selection

Scenarios Criteria:

Scenarios - Sections Selected for Treatment

Interest: 3.00%

Inflation: 3.00%

Printed: 05/13/2016

Scenario: Scenario 1: City's Budget \$1.2 M Per Year

Year: 2024

Street Name	Begin Location	End Location	Street ID	Section	Length	Width	Area	Last Inspected	FC	Surf Type	PCI	Cost	Rating	Treatment
CANTERBURY ROAD	PALOMAR RD	SAN GABRIEL BLVD	CANTE	070	380	33	12,540	2/5/2016	R	AC	100	\$65,571	9,632	THICK AC OVERLAY W/ DIGOUTS
HAMPTON ROAD	EUSTON RD	MONTEREY RD	HAMPT	010	650	33	21,450	2/9/2016	R	AC	100	\$112,161	9,654	THICK AC OVERLAY W/ DIGOUTS
KENILWORTH AVENUE	ADAIR ST	SHERWOOD RD	KENIL	020	425	37	15,725	2/8/2016	R	AC	100	\$82,226	9,584	THICK AC OVERLAY W/ DIGOUTS
MONTECITO DR	SAN MARINO AVE	SIERRA MADRE BLVD	MONTEC	010	1,480	33	48,840	2/8/2016	R	AC	100	\$255,382	9,494	THICK AC OVERLAY W/ DIGOUTS
PILGRIM PLACE	CUL-DE-SAC	E/O LOS ROBLES AVE	PILGR	010	275	33	9,075	1/28/2016	R	AC	100	\$47,453	9,635	THICK AC OVERLAY W/ DIGOUTS
ROBIN ROAD	DEL MAR AVE	S.C.L.	ROBIN	010	1,160	32	37,120	2/1/2016	R	AC	100	\$194,099	9,722	THICK AC OVERLAY W/ DIGOUTS
WINTHROP ROAD	EL MOLINO AVE	PLYMOUTH RD	WINTH	020	1,150	27	31,050	5/13/2016	R	AC	100	\$162,359	9,663	THICK AC OVERLAY W/ DIGOUTS
Treatment Total												\$919,251		
HUNTINGTON DRIVE W/B	MONTEREY ST	STORY PL	HUNTI	1510	695	34	23,630	2/4/2016	A	AC/A C	100	\$74,835	18,186	THIN AC OVERLAY W/ DIGOUTS
Treatment Total												\$74,835		
MISSION DRIVE	LORAIN RD	S.C.L.	MISSIDR	010	180	32	5,760	2/9/2016	A	AC	100	\$16,418	19,364	THIN AC OVERLAY
Treatment Total												\$16,418		
DUARTE ROAD	ROSE AVE	150' EAST	DUART	020	100	45	4,500	2/11/2016	C	AC	89	\$2,122	27,249	SLURRY SEAL
EUSTON ROAD	WAVERLY RD	OXFORD RD	EUSTO	030	1,186	37	43,882	2/4/2016	C	AC	89	\$20,692	27,249	SLURRY SEAL
GRANADA AVENUE	WILSON AVE	HUNTINGTON DR	GRANA	030	870	37	32,190	2/9/2016	C	AC	88	\$15,179	28,098	SLURRY SEAL
HUNTINGTON FRONTAGE W/B	HUNTINGTON DR	EL MOLINO AVE	HUNTI	1700	591	17	10,047	2/4/2016	C	AC	88	\$4,738	29,321	SLURRY SEAL
HUNTINGTON FRONTAGE W/B	EL MOLINO AVE	LOS ROBLES AVE	HUNTI	1710	1,536	17	26,112	2/4/2016	C	AC	88	\$12,313	29,321	SLURRY SEAL
LORAIN ROAD	SHERWOOD RD	ST. ALBANS	LORAI	010	1,570	45	70,650	1/29/2016	C	AC	84	\$33,313	27,284	SLURRY SEAL
MILL LANE	CITY PARK	VIRGINIA RD	MILL	020	150	37	5,550	2/4/2016	C	AC	89	\$2,617	28,093	SLURRY SEAL
SAN MARINO AVENUE	LOMBARDY RD	ORLANDO RD	SANM	0110	500	37	18,500	2/1/2016	C	AC	88	\$8,724	29,321	SLURRY SEAL
SHERWOOD ROAD	ALHAMBRA RD	WEST DR	SHERW	040	1,070	32	34,240	1/29/2016	C	AC	89	\$16,145	27,249	SLURRY SEAL
ST. ALBANS ROAD	ROANOKE RD	LORAIN RD	STAL	040	1,150	47	54,050	2/4/2016	C	AC	89	\$25,486	27,249	SLURRY SEAL
WALLINGFORD ROAD	PALOMAR RD	E.C.L.	WALLI	020	330	33	10,890	2/5/2016	R	AC	85	\$4,982	25,212	SLURRY SEAL

** - Treatment from Project Selection

Scenarios Criteria:

Scenarios - Sections Selected for Treatment

Interest: 3.00%

Inflation: 3.00%

Printed: 05/13/2016

Scenario: Scenario 1: City's Budget \$1.2 M Per Year

											Treatment Total		\$146,311	
ALEGRIA PLACE	CUL-DE-SAC	CALIFORNIA BLVD	ALEGR	010	300	33	9,900	2/2/2016	R	AC	87	\$26	613,801	SEAL CRACKS
ALLEN AVENUE	N.C.L.	CALIFORNIA BLVD	ALLEN	030	330	35	11,550	2/2/2016	R	AC	87	\$31	613,771	SEAL CRACKS
BONITA AVENUE	N.C.L.	CALIFORNIA BLVD	BONIT	010	500	32	16,000	2/2/2016	R	AC	86	\$44	618,716	SEAL CRACKS
CANTERBURY ROAD	SIERRA MADRE BLVD	WINSTON AVE	CANTE	040	350	37	12,950	2/5/2016	R	AC	80	\$58	640,999	SEAL CRACKS
CANTERBURY ROAD	WINSTON AVE	SANTA ANITA AVE	CANTE	050	425	37	15,725	2/5/2016	R	AC	82	\$61	652,337	SEAL CRACKS
CARLARIS ROAD	EL MOLINO AVE	RAMIRO RD	CARLA	010	830	32	26,560	2/11/2016	R	AC	86	\$72	617,021	SEAL CRACKS
CONISTON PLACE	KENILWORTH AVE	WILBURY RD	CONIS	020	630	32	20,160	2/9/2016	R	AC	79	\$94	632,393	SEAL CRACKS
CUMBERLAND ROAD	GAINSBOROUGH DR	PALOMAR RD	CUMBE	790	1,067	33	35,211	2/5/2016	R	AC	81	\$146	646,177	SEAL CRACKS
CUMBERLAND ROAD	KENILWORTH AVE	WINSTON AVE	CUMBE	810	969	31	30,039	2/5/2016	R	AC	79	\$139	632,344	SEAL CRACKS
DORESTA ROAD	EL MOLINO AVE	N.C.L.	DORES	010	650	33	21,450	2/11/2016	R	AC	86	\$58	617,021	SEAL CRACKS
DUARTE ROAD	150' EAST OF ROSE AVE	HILLARD DR	DUART	030	275	45	12,375	2/3/2016	C	AC	83	\$39	932,641	SEAL CRACKS
FAIRFIELD PLACE	CUL-DE-SAC	E/O SANTA ANITA AVE	FAIRF	010	450	33	14,850	2/2/2016	R	AC	81	\$60	651,812	SEAL CRACKS
GAINSBOROUGH DRIVE	PALOMAR RD	SAN GABRIEL BLVD	GAINS	020	380	41	15,580	2/5/2016	R	AC	78	\$75	629,520	SEAL CRACKS
HILLIARD DRIVE	DUARTE RD	WOODLAWN AVE	HILLI	010	570	35	19,950	2/1/2016	R	AC	80	\$89	640,745	SEAL CRACKS
HILLIARD DRIVE	ROSE AVE	DUARTE RD	HILLI	020	440	35	15,400	2/1/2016	R	AC	79	\$72	632,295	SEAL CRACKS
KENILWORTH AVENUE	RIDGEWAY RD	CONISTON PL	KENIL	080	300	32	9,600	2/8/2016	R	AC	79	\$45	632,379	SEAL CRACKS
LA PAZ DRIVE	N.C.L.	CALIFORNIA BLVD	LAPA	010	370	28	10,360	2/2/2016	R	AC	82	\$40	652,327	SEAL CRACKS
MC FARLANE STREET	CUL-DE-SAC	W/O EUCLID AVE	MCFAR	010	575	33	18,975	2/11/2016	R	AC	87	\$50	613,793	SEAL CRACKS
MELVILLE DRIVE	DEL MAR AVE	CUL-DE-SAC	MELVI	050	260	31	8,060	2/3/2016	R	AC	86	\$22	614,024	SEAL CRACKS
MILL CANYON ROAD	CUL-DE-SAC	N/O MILL LANE	MILLCA	010	450	27	12,150	2/4/2016	R	AC	86	\$33	615,719	SEAL CRACKS
OAK GROVE PLACE	CUL-DE-SAC	E/O OAK GROVE AVE	OAKGRPL	010	1,040	34	35,360	2/10/2016	R	AC	78	\$176	616,499	SEAL CRACKS
OAK KNOLL AVENUE	DARBY RD	S.C.L.	OAKK	010	230	37	8,510	2/10/2016	R	AC	80	\$37	644,423	SEAL CRACKS
OAK STREET	GARFIELD AVE	LOS ROBLES AVE	OAKS	010	475	27	12,825	2/5/2016	R	AC/A C	87	\$18	1,165,074	SEAL CRACKS
OLD MILL ROAD	MONTEREY RD	HUNTINGTON DR	OLDM	030	1,330	32	42,560	2/4/2016	R	AC/A C	87	\$55	1,233,012	SEAL CRACKS
ORLANDO PLACE	CUL-DE-SAC	E/O ORLANDO RD	ORLANPL	010	525	33	17,325	2/5/2016	R	AC	80	\$75	644,381	SEAL CRACKS
PALOMAR ROAD	DEVONPORT RD	CANTERBURY RD	PALOM	060	325	33	10,725	2/5/2016	R	AC/A C	87	\$13	1,307,636	SEAL CRACKS
PALOMAR ROAD	LOMBARDY RD	DEVONPORT RD	PALOM	070	540	33	17,820	2/5/2016	R	AC/A C	87	\$23	1,233,586	SEAL CRACKS

** - Treatment from Project Selection

Scenarios Criteria:

Scenarios - Sections Selected for Treatment

Interest: 3.00%

Inflation: 3.00%

Printed: 05/13/2016

Scenario: Scenario 1: City's Budget \$1.2 M Per Year

Year: 2024

Street Name	Begin Location	End Location	Street ID	Section	Length	Width	Area	Last Inspected	FC	Surf Type	PCI	Cost	Rating	Treatment
PASQUALITO DRIVE	HUNTINGTON DR	300' W/O EL MOLINO AVE	PASQU	010	840	32	26,880	2/11/2016	R	AC	80	\$116	644,429	SEAL CRACKS
PATTON CT	PATTON WAY	E. CDS	PATTO	3060	129	32	4,128	2/5/2016	R	AC	88	\$4	1,632,269	SEAL CRACKS
PLYMOUTH ROAD	LOS ROBLES AVE	EL MOLINO AVE	PLYMO	010	840	27	22,680	1/28/2016	R	AC	86	\$62	618,868	SEAL CRACKS
RIDGEWAY ROAD	WINSTON AVE	KENILWORTH AVE	RIDGE	070	1,100	32	35,200	2/9/2016	R	AC	80	\$151	644,414	SEAL CRACKS
ROBLES AVENUE	WINSTON AVE	SANTA ANITA AVE	ROBLE	030	650	37	24,050	2/3/2016	R	AC	87	\$63	613,752	SEAL CRACKS
SHAKESPEARE DRIVE	PALOMAR RD	E.C.L.	SHAKE	020	350	32	11,200	2/5/2016	R	AC	80	\$49	644,381	SEAL CRACKS
SHARON PLACE	ROSE AVE	ROSE AVE	SHARO	010	1,500	33	49,500	2/1/2016	R	AC	79	\$229	632,295	SEAL CRACKS
ST. ALBANS ROAD	HUNTINGTON DR	ROANOKE RD	STAL	030	500	47	23,500	2/4/2016	C	AC	83	\$74	932,641	SEAL CRACKS
TURA LANE	CUL-DE-SAC	W/O SAN GABRIEL BLVD	TURA	010	420	32	13,440	2/2/2016	R	AC	86	\$38	621,860	SEAL CRACKS
WARWICK ROAD	HUNTINGTON DR	ROANOKE RD	WARWI	010	550	45	24,750	2/3/2016	R	AC	87	\$65	613,752	SEAL CRACKS
WAVERLY ROAD	CUL-DE-SAC	S/O HUNTINGTON DR	WAVER	010	513	32	16,416	2/9/2016	R	AC/A C	87	\$23	1,167,242	SEAL CRACKS
WELLESLEY ROAD	SHEFFIELD RD	SOMESSET PL	WELLE	010	450	33	14,850	2/1/2016	R	AC	86	\$39	614,086	SEAL CRACKS
WILBURY ROAD	RIDGEWAY RD	CUMBERLAND RD	WILBU	010	475	32	15,200	2/9/2016	R	AC	82	\$57	652,848	SEAL CRACKS
WILSON AVENUE	EL MOLINO AVE	GRANADA AVE	WILSO	020	975	32	31,200	2/11/2016	R	AC/A C	87	\$37	1,324,362	SEAL CRACKS
Treatment Total												\$2,658		
LOMBARDY ROAD	W.C.L.	ALLEN AVE	LOMBA	010	200	23	4,600	2/2/2016	C	AC	100	\$38,363	7,032	RECONSTRUCT STRUCTURE (AC)
Treatment Total												\$38,363		
Year 2024 Area Total							1,315,365	Year 2024 Total		\$1,197,836				

Year: 2025

Street Name	Begin Location	End Location	Street ID	Section	Length	Width	Area	Last Inspected	FC	Surf Type	PCI	Cost	Rating	Treatment
ROANOKE ROAD	SAN MARINO AVE	RIDGEWAY RD	ROANO	080	550	45	24,750	2/3/2016	R	AC	100	\$133,299	9,282	THICK AC OVERLAY W/ DIGOUTS
Treatment Total												\$133,299		
SAN MARINO AVENUE	MELVILLE DR	ADAIR ST	SANM	040	430	40	17,200	2/1/2016	A	AC	100	\$56,106	18,405	THIN AC OVERLAY W/ DIGOUTS

** - Treatment from Project Selection

Scenarios Criteria:

Scenarios - Sections Selected for Treatment

Interest: 3.00%

Inflation: 3.00%

Printed: 05/13/2016

Scenario: Scenario 1: City's Budget \$1.2 M Per Year

Year: 2025

Street Name	Begin Location	End Location	Street ID	Section	Length	Width	Area	Last Inspected	FC	Surf Type	PCI	Cost	Rating	Treatment
SAN MARINO AVENUE	ROANOKE RD	MELVILLE DR	SANM	050	450	40	18,000	2/1/2016	A	AC	100	\$58,715	17,993	THIN AC OVERLAY W/ DIGOUTS
ST. ALBANS ROAD	MONTEREY RD	HUNTINGTON DR	STAL	020	960	47	45,120	2/4/2016	C	AC	100	\$114,473	17,862	THIN AC OVERLAY W/ DIGOUTS
Treatment Total												\$229,294		
GRANADA AVENUE	ROXBURY RD	S.C.L.	GRANA	020	843	37	31,191	2/9/2016	A	AC/A C	100	\$91,569	19,811	THIN AC OVERLAY
LOS ROBLES AVENUE	WILSON AVE	HUNTINGTON DR	LOSR	010	1,000	41	41,000	3/23/2016	A	AC/A C	100	\$120,366	18,471	THIN AC OVERLAY
Treatment Total												\$211,935		
DUARTE ROAD	150' EAST OF ROSE AVE	HILLARD DR	DUART	030	275	45	12,375	2/3/2016	C	AC	89	\$6,011	26,455	SLURRY SEAL
ENCINO DRIVE	W.C.L.	VIRGINIA RD	ENCIN	010	500	13	6,500	2/9/2016	R	AC	84	\$3,063	24,876	SLURRY SEAL
KENSINGTON ROAD	MONTEREY RD	HUNTINGTON DR	KENSI	010	635	37	23,495	2/8/2016	R	AC	83	\$11,071	25,075	SLURRY SEAL
OAK KNOLL AVENUE	ROANOKE RD	SHERWOOD RD	OAKK	030	500	45	22,500	2/10/2016	R	AC	82	\$10,602	25,146	SLURRY SEAL
PALOMAR ROAD	CUMBERLAND RD	HUNTINGTON DR	PALOM	010	290	62	17,980	2/5/2016	R	AC	82	\$8,472	25,148	SLURRY SEAL
PALOMAR ROAD	GAINSBOROUGH DR	CUMBERLAND RD	PALOM	020	350	46	16,100	2/5/2016	R	AC	82	\$7,586	25,148	SLURRY SEAL
SHAKESPEARE DRIVE	WALLINGFORD RD	PALOMAR RD	SHAKE	010	1,600	32	51,200	2/5/2016	R	AC	83	\$24,124	25,075	SLURRY SEAL
SHEFFIELD ROAD	ROSE AVE	E.C.L.	SHEFF	010	1,500	33	49,500	2/1/2016	R	AC	84	\$23,323	24,882	SLURRY SEAL
ST. ALBANS ROAD	HUNTINGTON DR	ROANOKE RD	STAL	030	500	47	23,500	2/4/2016	C	AC	89	\$11,414	26,455	SLURRY SEAL
SUSSEX ROAD	GRANADA AVE	CHELSEA RD	SUSSE	010	790	32	25,280	2/4/2016	R	AC	81	\$11,912	25,130	SLURRY SEAL
WALLINGFORD ROAD	SANTA ANITA AVE	PALOMAR RD	WALLI	010	1,460	33	48,180	2/5/2016	R	AC	83	\$22,701	25,025	SLURRY SEAL
WAVERLY ROAD	MONTEREY RD	HUNTINGTON DR	WAVER	020	570	37	21,090	2/9/2016	R	AC	81	\$9,937	25,166	SLURRY SEAL
WESTHAVEN ROAD	MONTEREY RD	HUNTINGTON DR	WESTH	030	475	37	17,575	1/29/2016	R	AC	81	\$8,281	25,187	SLURRY SEAL
Treatment Total												\$158,497		
BEDFORD ROAD	HUNTINGTON DR	WEST DR	BEDFO	010	1,400	32	44,800	1/29/2016	R	AC	82	\$171	634,291	SEAL CRACKS
BRADBURY ROAD	HUNTINGTON DR	MELVILLE DR	BRADB	010	1,675	32	53,600	2/8/2016	R	AC	83	\$198	634,293	SEAL CRACKS
BRENTFORD ROAD	CUL-DE-SAC	E/O SAN MARINO AVE	BRENT	010	675	36	24,300	2/1/2016	R	AC	83	\$86	633,186	SEAL CRACKS
CALLITA PLACE	GARFIELD AVE	E. CDS	CALLI	490	183	29	5,307	2/5/2016	R	AC	85	\$17	623,817	SEAL CRACKS
CONISTON PLACE	RIDGEWAY RD	KENILWORTH AVE	CONIS	010	375	32	12,000	2/9/2016	R	AC	82	\$47	633,506	SEAL CRACKS
CUMBERLAND ROAD	RIDGEWAY RD	KENILWORTH AVE	CUMBE	800	449	33	14,817	2/5/2016	R	AC	82	\$57	634,598	SEAL CRACKS

** - Treatment from Project Selection

Scenarios Criteria:

Scenarios - Sections Selected for Treatment

Interest: 3.00%

Inflation: 3.00%

Printed: 05/13/2016

Scenario: Scenario 1: City's Budget \$1.2 M Per Year

Year: 2025

Street Name	Begin Location	End Location	Street ID	Section	Length	Width	Area	Last Inspected	FC	Surf Type	PCI	Cost	Rating	Treatment
DUARTE ROAD	LORAIN RD	ROSE AVE	DUART	010	450	45	20,250	2/3/2016	R	AC/A C	84	\$62	753,400	SEAL CRACKS
EL MOLINO AVENUE	WINTHROP RD	WILSON AVE	ELMO	030	450	32	14,400	2/11/2016	C	AC/A C	83	\$51	878,260	SEAL CRACKS
EL MOLINO PLACE	WILSON AVE	PASQUALITO DR	ELMOPL	020	450	32	14,400	2/11/2016	R	AC	82	\$57	633,511	SEAL CRACKS
KENSINGTON ROAD	EUSTON RD	MONTEREY RD	KENSI	020	675	37	24,975	2/8/2016	R	AC	83	\$89	633,164	SEAL CRACKS
MILL LANE	OLD MILL RD	CITY PARK	MILL	010	950	32	30,400	2/4/2016	C	AC	85	\$96	759,505	SEAL CRACKS
MONTROBLES PLACE	LOS ROBLES AVE	MONTEREY RD	MONTR	010	550	28	15,400	1/28/2016	R	AC	82	\$61	633,481	SEAL CRACKS
ROANOKE ROAD	CHELSEA RD	OLD MILL RD	ROANO	020	720	44	31,680	2/3/2016	R	AC	82	\$121	634,516	SEAL CRACKS
SHENANDOAH ROAD	ROSALIND RD	OAK GROVE AVE	SHENA	030	900	23	20,700	2/10/2016	R	AC	82	\$84	633,030	SEAL CRACKS
SHERWOOD ROAD	RIDGEWAY RD	KENILWORTH AVE	SHERW	080	520	37	19,240	1/29/2016	R	AC	88	\$18	1,584, 727	SEAL CRACKS
VIRGINIA ROAD	MONTEREY RD	HUNTINGTONG DR	VIRGI	060	750	46	34,500	2/4/2016	C	AC	84	\$116	741,559	SEAL CRACKS
WARWICK ROAD	ROANOKE RD	LORAIN RD	WARWI	020	750	45	33,750	2/3/2016	R	AC	86	\$99	606,154	SEAL CRACKS
WETHERBY ROAD	SANTA ANITA AVE	PALOMAR RD	WETHE	010	775	33	25,575	2/5/2016	R	AC	81	\$108	631,486	SEAL CRACKS
WINDSOR ROAD	HUNTINGTON DR	ROANOKE RD	WINDS	010	900	45	40,500	2/4/2016	R	AC	86	\$118	606,121	SEAL CRACKS
WINDSOR ROAD	ROANOKE RD	LORAIN RD	WINDS	020	850	45	38,250	2/4/2016	R	AC	86	\$112	606,121	SEAL CRACKS
WINSTON AVENUE	CALIFORNIA BLVD	LOMBARDY RD	WINST	040	650	39	25,350	2/5/2016	R	AC	88	\$23	1,584, 727	SEAL CRACKS
Treatment Total												\$1,791		
EL MOLINO AVENUE	MISSION ST	MONTEREY RD	ELMO	070	725	32	23,200	2/11/2016	C	AC	100	\$199,283	6,827	RECONSTRUCT STRUCTURE (AC)
LOMBARDY ROAD	ALLEN AVE	250' EAST	LOMBA	020	250	23	5,750	2/2/2016	A	AC	100	\$63,771	6,745	RECONSTRUCT STRUCTURE (AC)
LONGDEN DR (WB)	DEL MAR AVE	SAN MARINO AVE	LONGD	010	1,297	18	23,346	2/5/2016	C	AC	100	\$200,537	6,827	RECONSTRUCT STRUCTURE (AC)
Treatment Total												\$463,591		
Year 2025 Area Total							1,109,026	Year 2025 Total		\$1,198,407				
Total Section Area:						12,842,581	Grand Total		\$11,986,255					

Making San Marino Better List: "Immediate/Emergency" Items

Project/Program Title:	Date Requested:	Responsible Department:	Status:
Center Median Water Conservation	4/24/2015	City Manager	At the 1/29/16 Meeting Council asked to have this remain on the list to be reconsidered in April, 2016. Mayor asked to have this moved to May. Will be brought back to Council on September 30th for direction.

Making San Marino Better List: "Departments Not Meeting Expectations"

Project/Program Title:	Status:
Planning and Building	On 12/30/15 Mr. Rich Haserot provided training for the DRC and on 2/1/16 P&B went live with an on line system to make permit applications and status checks easier and quicker.
Administration/Finance	The Ad Hoc Committee and Advisors continue to work on their management audit of Administration and Parks and Public Works.
City Council	No other such meetings are scheduled at this time.

Making San Marino Better List: "Long Term Goals"

Project/Program Title:	FY To Be Included In:	Responsible Department:	Status:

Making San Marino Better List: "Long Term Goals"

Project/Program Title:	FY To Be Included In:	Responsible Department:	Status:
Develop a plan for Stoneman (and/or San Marino Center)			Interim Community Services Director Cindy Collins has been brought on to assist in advancing this project. At the April 29th meeting she will give an update on the status of this effort. Council workshop scheduled for 7/13/16, with goal for an action plan by the end of the calendar year. Residents asked staff to ensure that residents are notified of the process. Will be on 9/30/16 Council agenda to recommend building code and fire safety compliance.
Develop a plan for San Marino Center			Interim Community Services Director Cindy Collins has been brought on to assist in advancing this project. At the April 29th meeting Ms. Collins gave an update on this topic and its relationship to Stoneman.
Develop a Commercial District Master Plan			No action to date
Huntington Drive/City Center Plan			Contract PW Director Chris Vogt is drafting an RFP for design of this project and working to see if we can use SGVAG Grant Money to pay for the design work. This project is somewhat related to the 2013 Metro Call For Projects which is also being acted on by the Council on April 29th. Council has asked for traffic assessment of the dual left turn lanes. Council also approved acceptance of the SGVAG Grant money Huntington Drive Corridor Improvement Plan. Council approved the Ad Hoc Committee at the meeting of 7/13/16. These individuals will work with the consultant on a set of recommendations. One of the three community input meetings has taken place.

Making San Marino Better List: "Long Term Goals"

Project/Program Title:	FY To Be Included In:	Responsible Department:	Status:
Street Light Upgrades			City is still working to resolve some final contractual issues with contractor. This has been resolved.
City Wide Traffic Management Plan			No action to date
Housing Element Status Reports	9/26/2014	Planning & Building	Amanda Merlo has spoken to a Supervisor at HCD and they are supportive of a plan where existing accessory structures could be converted to second units to meet HE requirements. P&B will be pursuing this solution.
Assess restrooms at Lacy Park	10/25/2013	Parks and Public Works	Patrick's Tree complete - dedication is June 15th at 5:00 P.M. Revised plan for Restrooms being developed. Because of issues with the bids, the project has to go out once more bid. Should come back to Council in September for award. Staff suspended the bid proposal process and is reevaluating the restroom plans and design.
Oleander Plague			Ron Serven continues to monitor the condition of City oleanders for evidence of Oleander Scorch.
Lacy Park Rose Arbor	10/30/2015	City Manager	Arbor closed last week of January. Bid proposal for required repair being developed. Donation and contract for work approved by Council on April 13th. On April 19th, before starting any work, contractor proposed significant additional work. Staff and new Public Works Director/City Engineer working to resolve. Staff will be bringing back 3 alternative designs with estimated costs to the Council on October 28th meeting.
Vacancy Registration Ordinance	2/26/2016	Staff	Staff (Fire, Police, Public Works, Community Services and Administration) has begun research. After 4/29 Study Session Council provided direction, staff and attorney working on a draft ordinance. Will be brought to Council at 9/30 meeting.

Making San Marino Better List: "Long Term Goals"

Project/Program Title:	FY To Be Included In:	Responsible Department:	Status:
Police Public Safety Strategy	1/29/2016	Chief of Police	At the 1/29/16 meeting, Council asked the Chief of Police to provide regular updates on a proposal to improve enhance our current public safety/policing efforts in the city. At 2/26/2016 meeting Police Chief gave report. Update reports to be given quarterly. Chief Incontro gave an update at the July 29th Meeting. Next Update at 10/30 meeting.
Research if City can mandate that all plans submitted to PC and DRC are prepared by licensed or registered engineers.	4/29/2016	Planning & Building	Requested by Councilmember Talt at 4/29/16 meeting. City Attorney's office conducting legal background research.

Making San Marino Better List: "On Deck" Items

Project/Program Title:	Date Requested:	Responsible Department:	Status:
			9.30.2016

**CONFERENCE WITH LEGAL COUNSEL –
ANTICIPATED LITIGATION**

Significant exposure to Litigation Pursuant to Paragraph (2) of Subdivision (d) of Government Code Section 54956.9 – (2 Cases)

**CONFERENCE WITH LEGAL COUNSEL – EXISTING
LITIGATION PURSUANT TO GOVERNMENT CODE
SECTION 54956.9(A):**

- 1) Case No. BS164087