



TO THE HONORABLE MAYOR AND COUNCIL:

DATE: October 13, 2015

SUBJECT: APPROVE THE MEASURE Q EXPENDITURE PLAN AND RELATED CIP PROJECTS: MEASURE Q PAVEMENT REPAIR PROJECTS 1 THROUGH 4 (PROJECT NUMBERS 2359, 2361, 2362, AND 2364); AND APPROPRIATE PROJECT FUNDING (FUNDED BY MEASURE Q DEBT FINANCING REVENUES)

Report in Brief

In March 2015 the City Council authorized a Lease Finance Agreement (Agreement) utilizing a portion of the anticipated revenues from the extension of the Measure Q¹ half cent sales tax to accelerate investment in deferred infrastructure needs. Through this debt financing strategy approximately \$22.4 million has been made available for infrastructure improvements, funding which the City Council allocated toward the City's roadway maintenance needs. The City must meet certain expenditure milestones to maintain the income and tax benefits of the Agreement. Staff has been working with the Infrastructure and Franchise Committee (Hoffmeister/Birsan) (Committee) to develop a plan to expend these roadway maintenance funds in a timely manner.

On April 22, 2015, Engineering staff presented a three-pronged expenditure strategy to the Committee which included: 1) Enhanced Roadway Maintenance Activities, 2) Focus on Repairing Local Arterial & Collector Roadways, and 3) Enhanced Repairs to Neighborhood Streets. The Committee supported the recommended approach with the understanding that a more detailed project specific expenditure plan would be presented to the Committee in the following months. Staff also presented the the three pronged approach concept to the full Council as part of the CIP Budget presentation on June 9, 2015.

City staff sought support from NCE, an engineering consulting firm with experience in development of pavement management projects, to generate a plan to most effectively expend Measure Q lease financing funds on street repair and rehabilitation projects.

On July 20, 2015, staff presented a detailed expenditure plan consistent with the three-pronged approach previously discussed with the Committee. The Committee directed staff to revise the proposed expenditure plan by prioritizing expenditures on arterial and collector streets due to the larger volumes of traffic served, and refocus the proposed expenditures on local streets. The Committee also requested evaluation of certain additional street segments for inclusion in the expenditure plan. Additionally, the Committee approved staff's recommendation to fund construction of the FY 2014-15 Pavement Maintenance and Rehabilitation Projects (PJ2329 & PJ2331) and the green bike lane pavement pilot program on Detroit Avenue with the funds made available by the Agreement.

¹ Measure Q is a voter approved half-cent use and transaction tax that provides revenue to the City of Concord that cannot be taken by the State of California. Originally approved by voters in November 2010 with a 5-year sunset, an extension of the tax measure was ratified with 76.3% voter approval on the November 2014 ballot. Measure Q will now expire on March 31, 2025.

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AND APPROPRIATE PROJECT FUNDING (FUNDED BY MEASURE Q)**

October 13, 2015

Page 2 of 9

On July 28, 2015, the City Council approved the award of construction contracts for the Pavement Maintenance and Detroit Avenue projects, including the use of the funds made available by the Agreement.

On September 21, 2015, the Committee reviewed a revised Expenditure Plan (Attachment 1) and recommended approval of the Expenditure Plan by the City Council. With that recommendation, staff is requesting creation of four (4) CIP projects to implement the initial projects within the Expenditure Plan.

To meet the initial expenditure milestones of the Agreement, staff recommended to the Committee that the approved funding sources for two infrastructure repair projects (currently funded with Measure J, Gas Tax and/or General Fund) be modified to use funds generated by the Agreement. With that, the approved funding of the infrastructure repair projects can be reallocated to street maintenance to preserve the total amount available for expenditure into roadway repairs. This reallocation would include a transfer of lease financing funds from the Pavement Maintenance Holding Account (Project 2157) with a concurrent transfer of funds from the project receiving the funds, back into the Pavement Maintenance Holding Account. These actions will ensure expenditure milestones of the Agreement are met and preserve the total amount of funds available for investment in roadways. The Committee has recommended approval of this proposed funding reallocation.

Background

In March 2015, the City Council authorized a Lease Finance Agreement that promptly generated approximately \$22,450,146 to address infrastructure maintenance needs. The City Council has directed that these funds be used to repair and rehabilitate Concord's roadways. It is important to note that the Agreement requires the following expenditure milestones:

- **10% within 1 year = \$ 2,245,015 total by March 24, 2016**
- **30% within 2 years = \$ 6,735,044 total by March 24, 2017 (additional \$4,490,029)**
- **60% within 3 years = \$13,470,088 total by March 24, 2018 (additional \$6,735,044)**
- **85% within 5 years = \$19,082,625 total by March 24, 2020 (additional \$5,612,537)**

Failure to meet the required expenditure milestones would result in a limitation on the interest the City can earn on the proceeds and/or, in an extreme case, the issue be considered taxable retroactive to date of issuance.

Discussion

Expenditure Plan:

Over the course of the past several months, the Infrastructure and Franchise Committee (Committee) worked with staff to develop an Expenditure Plan to effectively expend Measure Q lease financing funds on street repair and rehabilitation projects, and has recommended the Plan for approval by the City Council.

On April 22, 2015, staff presented a three-pronged expenditure strategy to utilize the funds made available by the Agreement to address the City's infrastructure needs; with the understanding that a more detailed project specific expenditure plan would be prepared and presented to the Committee in the following

**APPROVE MEASURE Q EXPENDITURE PLAN AND RELATED CIP
PROJECTS: MEASURE Q PAVEMENT REPAIR PROJECTS 1
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AND APPROPRIATE PROJECT FUNDING (FUNDED BY MEASURE Q)**

October 13, 2015

Page 3 of 9

months. The following recommendations for action were approved by the Committee upon conclusion of the meeting:

1. Enhance Roadway Maintenance Activities:

a) Increase in-house capacity for addressing potholes: Allocate \$200,000 to purchase an asphalt Zipper and add \$50,000 to \$75,000 per year to supplement Public Works asphalt and material budget.

b) Contract larger repair areas and heavy traffic areas: For those areas that are located in high-traffic areas and that may be too large to efficiently complete with in-house staff, allocate \$600,000 to \$700,000 per year towards localized pavement repairs.

2. Focus on Repairing Local Arterial & Collector Roadways: Allocate \$5,000,000 to \$6,000,000 over the next five years for major street repair and reconstruction projects and as a local match for grant funding opportunities.

3. Enhance Repairs to Neighborhood Streets: Allocate \$10,000,000 to \$12,000,000 over the next five years to fund neighborhood street repair.

The components of the initial three pronged approach concept were also briefly presented to the full Council as part of the CIP presentation on June 9, 2015.

To help generate a more detailed expenditure plan to effectively expend Measure Q lease financing funds on street repair and rehabilitation projects, the City sought support from an engineering consulting firm with experience in development of pavement management projects. NCE has worked with more than 200 local agencies in California on pavement management projects. They have recently played a critical role in assisting public agencies with budgetary analysis, street selection and prioritization, street review and costing, as well as pavement design, and preparation of plans, specifications, and estimates for major local funding measures such as Berkeley (Measure M), Richmond (Measure U), Moraga (Measure K), and Davis (recent sales tax consideration).

On July 20, 2015 staff presented a detailed project specific expenditure plan to the Committee. The plan included a detailed narrative explaining the methodology's used in generating the plan.

The Committee reviewed the proposed expenditure plan and asked staff to revise the plan as follows:

- Re-evaluate expenditures on local residential streets with respect to expenditures on arterial (defined as a “high-capacity road meant to deliver traffic from collector roads to freeways or expressways”) and collector (defined as “low-to-moderate-capacity roads which serve to move traffic from local streets to arterial roads) streets and prioritize the expenditures on arterial and collector streets due to the larger volumes of traffic they serve.
- Review the conditions of Ayers Road, Solano Way, Walters Way, and the intersection of Monument Boulevard and Detroit Avenue, and evaluate their inclusion as streets to receive pavement treatment in the revised Expenditure Plan.

**APPROVE MEASURE Q EXPENDITURE PLAN AND RELATED CIP
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AND APPROPRIATE PROJECT FUNDING (FUNDED BY MEASURE Q)**

October 13, 2015

Page 4 of 9

The Committee approved the recommendations regarding the use of Lease Financing Revenues for the City's FY 2014-15 Pavement Maintenance and Rehabilitation Projects, as follows:

- \$1,870,000 – Construction and Construction related expenditures for FY 2014-15 Pavement Maintenance Project (Project No. 2329)
- \$2,200,000 – Construction and Construction related expenditures for FY 2014-15 Pavement Rehabilitation Project (Project No. 2331)

It should be noted that the Committee previously approved the following Lease Financing expenditures:

- \$500,000 – to fund the purchase of the Asphalt Zipper (\$200,000) and a 4-year annual materials allowance (\$75,000 per year) (approved by the Committee at the April 22, 2015 meeting).
- \$150,000 – Detroit Avenue Complete Streets Project No. 2276, to fund installation of green bicycle pavement markings (approved by the Committee at the July 13, 2015 meeting)

The City Council approved the purchase of the Asphalt Zipper on June 23, 2015 and the expenditures for the Detroit Avenue and Pavement Maintenance projects on July 28, 2015.

Following the July 20, 2015 meeting, staff worked with NCE to revise the Expenditure Plan following the direction provided by the Committee. A greater emphasis was placed on repairs to arterial and collector streets while maintaining geographic equity for distribution of funds for local residential streets. The first step was to review the condition of Ayers Road, Solano Way, Walters Way, and the intersection of Monument Boulevard and Detroit Avenue, as directed by the Committee. The conditions of all were deemed to be poor and warranted either base repairs, resurfacing, or reconstruction. Following the field reviews and evaluation of the cost effectiveness of the repairs, staff met to discuss the findings and other warranted repairs. Based on planned future activities, previously proposed repairs along Ygnacio Valley Road and Kirker Pass Road were removed from the proposed Plan and replaced with Wren Avenue and Sixth Street, which have similar immediate needs and no future planned repairs.

With the Committee's requested focus and emphasis on the City's arterial and collector streets, staff used the opportunity to work with the Transportation Manager to review the functional classification of each segment of the recommended City streets. These reclassifications will allow the City to be more competitive for pavement focused grant opportunities which are normally geared toward arterials and collectors, instead of residential streets.

Based on this review, the following reclassifications of street segments were proposed:

Ayers Road:

- From Ygnacio Valley Road to Seminole Drive – from Arterial to Collector
- From Seminole Drive to Brook Hollow Court – from Residential to Collector
- From Brook Hollow Court to Clayton Road – from Arterial to Collector
- From Clayton Road to Myrtle Drive – Collector

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October 13, 2015

Page 5 of 9

Additionally, the following streets are also proposed to be reclassified as follows:

- Pine Hollow Road (from Ygnacio Valley Road to Pine Hollow Court) – from Arterial to Collector
- Sixth Street (from Clayton Road to Willow Pass Road) – from Residential to Collector
- Farm Bureau Road (from Clayton Road to Willow Pass Road) – from Arterial to Collector
- Thornwood Drive (from Clayton Road to Concord Boulevard) – from Residential to Collector
- Mendocino Drive (from Clayton Road to Concord Boulevard) – from Residential to Collector

Staff will be working to make these changes in both the City’s Pavement Management System and will submit a request to the State of California to update the street segment classifications in their records.

The Expenditure Plan (Attachment 1) presented to the Committee on September 21, 2015 included the following expenditure recommendations:

EXPENDITURE	AMOUNT
Previously Authorized Expenditures	\$4.72M
Reconstruction/Resurfacing of Arterial, Collector and select Residential Streets	\$6.70M
Base Repair of Arterial, Collector and select Residential Streets	\$1.90M
Residential Pavement Maintenance and Rehabilitation in Zones 4, 5, 2, & 1,	\$7.07M
Reservation for Grant Match	\$2.0M
Balance Value	\$0.06M
TOTAL	\$22.45M

The expenditure plan and associated maps detailed the specific streets recommended in each of the categories. It was noted that Pavement Maintenance in Zone 3 is currently under construction and the Council previously approved \$1.9 million in Lease Revenue funds for the project. These funds are included within the “Previously Authorized Expenditures” of \$4.72 million in the above table.

Staff will seek to leverage the funds reserved for grant match as opportunities arise over the next 18 months. At a 20% match rate, these \$2 million could potentially yield up to \$10 million in capital projects. Should sufficient grant opportunities not arise within the next 18 months, or if City’s applications prove unsuccessful, staff will return to the Committee with recommendations to expend the reserved funds. Potential projects for grant funding include the following street segments:

- Farm Bureau Road (Phase 3), from Walnut Avenue to Clayton Road
- Treat Boulevard, from Clayton Road to Oak Grove Road
- Denkinger Road, from Concord Boulevard to Clayton Road
- Meadow Lane, from Market Street to Monument Boulevard
- Oak Grove Road, from Whitman Road to Treat Boulevard

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October 13, 2015

Page 6 of 9

It should be noted, that although implementation of the projects generated by the Expenditure Plan will greatly improve the condition of the City's road network, it will only slow down the current decline in the network's PCI. The cost to eliminate the current decline in the network's PCI is estimated to be about \$15M per year.

The Committee accepted the Expenditure Plan and recommends approval of the Expenditure Plan by the City Council.

Proposed Capital Projects:

To facilitate implementation of the initial projects recommended in the Expenditure Plan, staff is requesting that Council approve the creation of four (4) CIP projects and allocation of Agreement funds as follows:

1. Measure Q Pavement Repair Project 1 (Project 2359), in the amount of \$2.85 million. This project will consist of pavement rehabilitation improvements on Hillsborough Drive from Labrador Street to St. George Drive and along E. Olivera Road from Port Chicago Highway to Wexford Drive. The project will also include pot-hole/base repairs along E. Olivera Road from Wexford Drive to Willow Pass Road. Work will also include miscellaneous concrete; curb ramp, valley gutter, and sidewalk improvements as needed;
2. Measure Q Pavement Repair Project 2 (Project 2361), in the amount of \$3.10 million. This project will consist of pavement rehabilitation improvements on Solano Way from Broadmoor Avenue to the City Limit, Wren Avenue from Farm Bureau Road to Clayton Way, and Sixth Street from Clayton Road to Willow Pass Road. Work will also include miscellaneous concrete; curb ramp, valley gutter, and sidewalk improvements as needed;
3. Measure Q Pavement Repair Project 3 (Project 2362), in the amount of \$850,000. This project will consist of pavement rehabilitation improvements on Walters Way from Detroit Avenue to Monument Boulevard, and at the intersection of Monument Blvd/Detroit Ave. Work will also include replacement of traffic signal loop detectors, and miscellaneous concrete; curb ramp, valley gutter, and sidewalk improvements as needed;
4. Measure Q Pavement Repair Project 4 (Project 2364), in the amount of \$1.80 million. This project will consist of pavement pothole and base repairs at various locations Citywide: This project will construct approximately 200,000 SF of pot-hole/base failure repairs at various locations citywide on an estimated 9.5 miles of city streets.

In the project descriptions above, the term "Pavement Rehabilitation" is in reference to full street width improvements-curb to curb, and the term "pot-hole/base repairs" is in reference to localized failed pavement areas within a street segment.

Expenditure Requirements:

As stated earlier in this report, the Agreement requires the following expenditure milestones:

- **10% within 1 year = \$ 2,245,015 total by March 24, 2016**

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THROUGH 4 (PROJECT NUMBERS 2359, 2361, 2362, AND 2364));
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October 13, 2015

Page 7 of 9

- **30% within 2 years = \$ 6,735,044 total by March 24, 2017 (additional \$4,490,029)**
- **60% within 3 years = \$13,470,088 total by March 24, 2018 (additional \$6,735,044)**
- **85% within 5 years = \$19,082,625 total by March 24, 2020 (additional \$5,612,537)**

Failure to meet the required expenditure milestones would result in a limitation on the interest the City can earn on the proceeds and/or, in an extreme case, the issue be considered taxable retroactive to date of issuance. It is estimated that current projects and approved outlays will expend approximately \$1,985,000 by March 24, 2016. To be conservative, this assumes that project contingency funds will not be expended on the approved projects. These previously approved expenditures include:

- Asphalt Zipper purchase: \$169,490 (actual cost)
- Asphalt Material for repairs by Public Works: \$25,000
- Construction related expenditures for FY 2014-15 Pavement Maintenance (PJ2329): \$1,645,265
- Detroit Avenue Complete Streets Project (Green Pavement Markings) (PJ2276): \$150,000

To meet the 10% expenditure requirement, approximately \$260,000 in additional eligible expenditures is required. Staff recommended to the Committee that specific approved Measure J, Gas Tax and/or General Fund expenditures that are anticipated to meet the expenditure timeline, and can be allocated to pavement repairs, be paid for with the Measure Q lease financing revenues to meet the first year expenditure requirements. Any payments made with the lease revenue funds will be replaced by the projects' currently approved funding source and placed into the Pavement Management holding account and subsequently spent on roadway maintenance projects, thereby keeping the total revenue available under this program whole. Proposed fund reallocations were as follows:

- Centre Concord Moveable Walls and Wall Coverings (PJ2182): Building Maintenance Fund, \$250,000
- Traffic Sign Replacement Project (RFB#2328): Transportation Signs and Markings Operational Fund, \$250,000

The Committee reviewed the reallocations and recommends the Council approval of the reallocations.

Fiscal Impact

The costs associated with implementing the program recommendations will be funded by the proceeds generated through the Measure Q Lease Financing Agreement and were allocated to the Pavement Maintenance Program Holding Account (Project No. 2157). Sufficient funds are available in the holding account for the creation and appropriation into the propose CIP projects.

Should the City fail to meet the required expenditure milestones of the Agreement, a limitation on the interest the City can earn on the proceeds and/or, in an extreme case, the issue be considered taxable retroactive to date of issuance. To meet the 10% expenditure requirement, specific approved Measure J, Gas Tax and/or General Fund expenditures that are anticipated to meet the expenditure timeline, and can be allocated to pavement repairs, be paid for with the Measure Q lease financing revenues to meet the first year

**APPROVE MEASURE Q EXPENDITURE PLAN AND RELATED CIP
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THROUGH 4 (PROJECT NUMBERS 2359, 2361, 2362, AND 2364));
AND APPROPRIATE PROJECT FUNDING (FUNDED BY MEASURE Q)**

October 13, 2015

Page 8 of 9

expenditure requirements. Any payments made with the lease revenue funds will be replaced by the projects' currently approved funding source and placed into the Pavement Management holding account and subsequently spent on roadway maintenance projects, thereby keeping the total revenue available under this program whole. Proposed fund reallocations are as follows:

- Centre Concord Moveable Walls and Wall Coverings (PJ2182): Building Maintenance Fund, \$250,000
- Traffic Sign Replacement Project (RFB#2328): Transportation Signs and Markings Operational Fund, \$250,000

Public Contact

The Council Agenda was posted.

Recommendation for Action

Staff recommends the following actions:

1. Approve the proposed Measure Q Expenditure Plan (Attachment 1)
2. Approve Measure Q Pavement Repair Project 1 (Project 2359): Pavement Rehabilitation of Hillsborough Drive-from Labrador Street to St. George Drive and E. Olivera Road-from Port Chicago Highway to Wexford Drive, and implement pot-hole/base repairs along E. Olivera Road from Wexford Drive to Willow Pass Road, and appropriate \$2.85M from Project No. 2157 (Pavement Management Annual Program-Measure Q) to fully fund the project (Design, Construction, Admin);
3. Approve Measure Q Pavement Repair Project 2 (Project 2361): Pavement Rehabilitation of Solano Way-from Broadmoor Avenue to the City Limit, Wren Avenue-from Farm Bureau Road to Clayton Way, and Sixth Street -from Clayton Road to Willow Pass Road, and appropriate \$3.1M from Project No. 2157 (Pavement Management Annual Program-Measure Q) to fully fund the project (Design, Construction, Admin);
4. Approve Measure Q Pavement Repair Project 3 (Project 2362): Pavement Rehabilitation of Walters Way-from Detroit Avenue to Monument Boulevard, and the intersection of Monument Boulevard/Detroit Avenue, and appropriate \$850,000 from Project No. 2157 (Pavement Management Annual Program-Measure Q) to fully fund the project (Design, Construction, Admin);
5. Approve Measure Q Pavement Repair Project 4 (Project 2364): Pavement Pothole/Base Repairs at Various Locations Citywide, and appropriate \$1.8M from Project No. 2157 (Pavement Management Annual Program-Measure Q) to fully fund the project (Design, Construction, Admin);

**APPROVE MEASURE Q EXPENDITURE PLAN AND RELATED CIP
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THROUGH 4 (PROJECT NUMBERS 2359, 2361, 2362, AND 2364));
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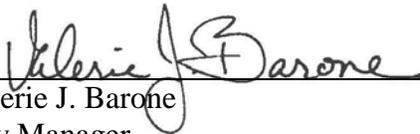
October 13, 2015

Page 9 of 9

6. Approve fund transfers of Agreement proceeds from the Pavement Maintenance Program Holding Account (Project No. 2157) to Centre Concord Moveable Walls and Wall Coverings (PJ2182) in the amount of \$250,000 and to Traffic Sign Replacement Project (RFB#2328) in the amount of \$250,000 and corresponding transfers of \$250,000 of assorted funds from each of the projects back to the Pavement Maintenance Program Holding Account (Project No. 2157).

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Attachment 1: Measure Q Expenditure Plan & Corresponding Maps

City of Concord Pavement Spending Plan

Functional Class	Overall Ranking	Zone	Street Name	Beginning Location	End Location	PCI	After Treatment PCI	PCI Increase	Field Review Treatment Recommendation	PRONG 1 Base Repair Cost	PRONG 2 Reconstruct
R	1	Z5	HILLSBOROUGH DR	LABRADOR ST	ST. GEORGE DR	49	100	51	Reconstruct FDR		\$ 1,390,079
R	2	Z3	WALTERS WY	DETROIT AV	MONUMENT BL	49	100	51	Reconstruct		\$ 607,710
A & R	3	Z5	SOLANO WY	CITY LIMIT	BROADMOOR AV	75	100	25	BR + Thick OL *		\$ 1,914,166
C	4	Z3	SAN MIGUEL RD	TREAT BL	SYSTRON DR	38	52	14	BR	\$ 153,443	
R	5	Z2	WREN AV	SIXTH ST	CLAYTON WY	55	100	45	BR + Thick OL *		\$ 729,581
R	6	Z2	SIXTH ST	CLAYTON RD	WILLOW PASS RD	55	100	45	BR + Thin OL *		\$ 436,603
A	7	Z1	CONCORD BL	AYERS RD	CITY LIMIT	46	56	10	BR	\$ 359,199	
A	8	Z2	CLAYTON RD	WEST ST	TREAT BL	48	57	9	BR	\$ 170,093	
C	9	Z5	E OLIVERA RD	PT CHICAGO HW	WILLOW PASS RD	86	100	14	Reconstruct FDR + BR**	\$ 123,502	\$ 1,337,061
A	10	Z5	EAST ST	WILLOW PASS RD	418' N. OF BACON ST	44	55	11	BR	\$ 165,750	
A	11	Z5	CONCORD AV	203 W/O MARKET ST	SALVIO ST	53	61	8	BR	\$ 67,875	
C	12	Z3	MOHR LN	DAVID AV	MONUMENT BL	55	63	8	BR	\$ 235,457	
A	13	Z5	WILLOW PASS RD	FARM BUREAU RD	LYNWOOD DR	61	67	6	BR	\$ 214,090	
A	14	Z3	MEADOW LN	GELBKE LN	BLACKFIELD DR	45	56	11	BR	\$ 31,669	
A	15	Z1	PINE HOLLOW RD	MISSOURI DR	KRONA LN	42	54	12	BR	\$ 45,605	
A	16	Z4	CONCORD BL	GALINDO ST	EAST ST	58	65	7	BR	\$ 34,652	
A & R	17	Z1	AYERS RD	YGNACIO VALLEY RD	CLAYTON RD	71	76	5	BR	\$ 156,907	
C	18	Z2	WEST ST	CLAYTON RD	CONCORD BL	61	67	6	BR	\$ 75,592	\$ -
A	19	Z4	COWELL RD	TREAT BL	N LARWIN AV	62	68	6	BR	\$ 66,135	
INT	20	Z3	INTERSECTION - MONUMENT BLVD AND DETROIT AV			N/A	100		Reconstruct		\$ 219,000

* Mill HMA surface prior to overlay - thickness to be determined

** Reconstruct Pt. Chicago to Wexford Drive. Patching between Wexford Drive and Willow Pass Rd.

Sub-Total	\$ 1,899,969	\$ 6,634,200
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Total	\$ 8,534,170	
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Project Description	Running Balance	Deduction
MQ Beginning Balance	\$ 22,400,000	
PJ 2329		\$ 1,870,000
Detroit Avenue Green Paint		\$ 150,000
PJ 2331		\$ 2,200,000
PW Zipper plus materials		\$ 500,000
Prong 1 - Patching		\$ 1,899,969
Prong 2 - Reconstruct		\$ 6,634,200
Sub-Total	\$ 9,145,830	
Local Match Streets		\$ 2,000,000
Remaining for Residentials	\$ 7,145,830	
Residential Projects (Zones 1, 2, 4, 5)		\$ 7,069,825
Balance	\$ 76,005	

PROJECT	Street Name	Beginning Location	End Location	Functional Class	Area (SY)	Zone	Sub-Zone	PCI	After Treatment PCI	PCI Increase	Field Review Treatment Recommendation	Average % Base Repair	Base Repair Cost	Treatment Unit Cost (\$/SY)	Treatment Cost	PRONG 3 Total Cost
ZONE 1A	ALRO AV	MATHESON RD	BECKHAM CT	R	2,130	Z1	1A	44	60	16	Cape Seal	5%	\$ 8,628	\$ 16.09	\$ 34,277	\$ 42,905
	ALRO AV	BECKHAM CT	ALRO CT	R	997	Z1	1A	57	68	11	Cape Seal	5%	\$ 4,039	\$ 16.09	\$ 16,047	\$ 20,086
	ALRO AV	ALRO CT	CLAYCORD AV	R	1,794	Z1	1A	56	68	12	Cape Seal	5%	\$ 7,268	\$ 16.09	\$ 28,873	\$ 36,140
	ALRO CT	ALRO AV	END	R	898	Z1	1A	39	57	18	Cape Seal	5%	\$ 3,639	\$ 16.09	\$ 14,456	\$ 18,095
	ANGLEWOOD CT	CLAYCORD AV	END	R	755	Z1	1A	59	70	11	Cape Seal	5%	\$ 3,059	\$ 16.09	\$ 12,153	\$ 15,212
	BAILEY CT	BAILEY RD	END	R	605	Z1	1A	26	52	27	Cape Seal	5%	\$ 2,450	\$ 16.09	\$ 9,734	\$ 12,185
	BECKHAM CT	ALRO AV	END	R	1,045	Z1	1A	56	68	12	Cape Seal	5%	\$ 4,232	\$ 16.09	\$ 16,814	\$ 21,046
	BELDING CT	OLIVE DR	END	R	869	Z1	1A	56	68	12	Cape Seal	5%	\$ 3,519	\$ 16.09	\$ 13,982	\$ 17,502
	BERRYWOOD CT	OLIVE DR	END	R	873	Z1	1A	57	68	11	Cape Seal	15%	\$ 10,603	\$ 16.09	\$ 14,041	\$ 24,644
	BERRYWOOD DR	OLIVE DR	PIZZIMENTI CT	R	968	Z1	1A	71	80	9	Cape Seal	20%	\$ 15,682	\$ 16.09	\$ 15,575	\$ 31,257
	BERRYWOOD DR	PIZZIMENTI CT	LIMEWOOD DR	R	968	Z1	1A	56	68	12	Cape Seal	20%	\$ 15,682	\$ 16.09	\$ 15,575	\$ 31,257
	BERRYWOOD DR	LIMEWOOD DR	CLAYCORD AV	R	1,357	Z1	1A	42	59	17	Cape Seal	20%	\$ 21,978	\$ 16.09	\$ 21,829	\$ 43,807
	BERRYWOOD DR	CLAYCORD AV	CONCORD BL	R	632	Z1	1A	58	69	11	Cape Seal	20%	\$ 10,238	\$ 16.09	\$ 10,169	\$ 20,407
	BLUEWOOD CT	CLAYCORD AV	END	R	455	Z1	1A	51	64	13	Cape Seal	5%	\$ 1,841	\$ 16.09	\$ 7,316	\$ 9,157
	CHEROKEE DR	MATHESON RD	CLAYCORD AV	R	4,786	Z1	1A	24	51	28	Cape Seal	5%	\$ 19,385	\$ 16.09	\$ 77,014	\$ 96,399
	CLAYCORD AV	LAVERNE WY	CLAYCORD CT	R	1,085	Z1	1A	25	100	75	Mill and Overlay	12%	\$ 10,549	\$ 37.00	\$ 40,157	\$ 50,707
	CLAYCORD AV	CLAYCORD CT	ALRO AV	R	1,198	Z1	1A	27	100	73	Mill and Overlay	12%	\$ 11,640	\$ 37.00	\$ 44,310	\$ 55,950
CLAYCORD AV	ALRO AV	FEDSCO CT	R	1,303	Z1	1A	44	100	56	Mill and Overlay	12%	\$ 12,667	\$ 37.00	\$ 48,219	\$ 60,887	

PROJECT	Street Name	Beginning Location	End Location	Functional Class	Area (SY)	Zone	Sub-Zone	PCI	After Treatment PCI	PCI Increase	Field Review Treatment Recommendation	Average % Base Repair	Base Repair Cost	Treatment Unit Cost (\$/SY)	Treatment Cost	PRONG 3 Total Cost
	CLAYCORD AV	FEDSCO CT	GENEVA AV	R	1,953	Z1	1A	46	100	54	Mill and Overlay	12%	\$ 18,981	\$ 37.00	\$ 72,253	\$ 91,234
	CLAYCORD AV	GENEVA AV	INNWOOD CT	R	1,268	Z1	1A	41	100	59	Mill and Overlay	12%	\$ 12,325	\$ 37.00	\$ 46,916	\$ 59,241
	CLAYCORD AV	INNWOOD CT	OLIVE DR	R	2,512	Z1	1A	30	100	70	Mill and Overlay	12%	\$ 24,417	\$ 37.00	\$ 92,944	\$ 117,361
	CLAYCORD AV	OLIVE DR	ANGLEWOOD CT	R	1,268	Z1	1A	29	100	71	Mill and Overlay	12%	\$ 12,325	\$ 37.00	\$ 46,916	\$ 59,241
	CLAYCORD AV	ANGLEWOOD CT	MINTWOOD DR	R	1,268	Z1	1A	35	100	65	Mill and Overlay	12%	\$ 12,325	\$ 37.00	\$ 46,916	\$ 59,241
	CLAYCORD AV	MINTWOOD DR	BLUEWOOD CT	R	1,900	Z1	1A	32	100	68	Mill and Overlay	12%	\$ 18,468	\$ 37.00	\$ 70,300	\$ 88,768
	CLAYCORD AV	BLUEWOOD CT	MINTWOOD DR	R	1,056	Z1	1A	42	100	58	Mill and Overlay	12%	\$ 10,264	\$ 37.00	\$ 39,072	\$ 49,336
	CLAYCORD AV	MINTWOOD DR	BERRYWOOD DR	R	844	Z1	1A	35	100	65	Mill and Overlay	12%	\$ 8,204	\$ 37.00	\$ 31,228	\$ 39,432
	CLAYCORD CT	CLAYCORD AV	END	R	587	Z1	1A	53	100	47	Mill and Overlay	10%	\$ 4,752	\$ 37.00	\$ 21,707	\$ 26,459
	CURLETTO DR	OLIVE DR	MATHESON RD	R	3,098	Z1	1A	45	61	15	Cape Seal	5%	\$ 12,548	\$ 16.09	\$ 49,852	\$ 62,400
	CURLETTO DR	MATHESON RD	SHELLWOOD DR	R	968	Z1	1A	52	65	13	Cape Seal	5%	\$ 3,920	\$ 16.09	\$ 15,575	\$ 19,496
	FEDSCO CT	CLAYCORD AV	END	R	756	Z1	1A	36	100	64	Mill and Overlay	5%	\$ 3,062	\$ 37.00	\$ 27,972	\$ 31,034
	FEDSCO DR	CLAYCORD AV	LAVERNE WY	R	1,085	Z1	1A	35	56	21	Cape Seal	5%	\$ 4,396	\$ 16.09	\$ 17,463	\$ 21,859
	GENEVA AV	MATHESON RD	JOELLE DR	R	1,742	Z1	1A	52	65	13	Cape Seal	5%	\$ 7,054	\$ 16.09	\$ 28,023	\$ 35,077
	GENEVA AV	JOELLE DR	CLAYCORD AV	R	2,897	Z1	1A	43	60	16	Cape Seal	5%	\$ 11,732	\$ 16.09	\$ 46,607	\$ 58,339
	HAKIMA CT	BAILEY RD	END	R	964	Z1	1A	40	58	18	Cape Seal	5%	\$ 3,906	\$ 16.09	\$ 15,516	\$ 19,422
	INNWOOD CT	CLAYCORD AV	END	R	744	Z1	1A	54	66	12	Cape Seal	5%	\$ 3,015	\$ 16.09	\$ 11,976	\$ 14,991
	JOELLE DR	MATHESON RD	GENEVA AV	R	3,186	Z1	1A	53	65	13	Cape Seal	5%	\$ 12,905	\$ 16.09	\$ 51,268	\$ 64,173

PROJECT	Street Name	Beginning Location	End Location	Functional Class	Area (SY)	Zone	Sub-Zone	PCI	After Treatment PCI	PCI Increase	Field Review Treatment Recommendation	Average % Base Repair	Base Repair Cost	Treatment Unit Cost (\$/SY)	Treatment Cost	PRONG 3 Total Cost
	LAVERNE CT	LAVERNE WY	END	R	447	Z1	1A	51	100	49	Mill and Overlay	5%	\$ 1,812	\$ 37.00	\$ 16,551	\$ 18,363
	LAVERNE WY	CLAYCORD AV	LAVERNE CT	R	3,300	Z1	1A	41	59	17	Cape Seal	5%	\$ 13,365	\$ 16.09	\$ 53,097	\$ 66,462
	LAVERNE WY	LAVERNE CT	FEDSCO DR	R	774	Z1	1A	51	64	13	Cape Seal	5%	\$ 3,133	\$ 16.09	\$ 12,448	\$ 15,582
	LAVERNE WY	FEDSCO DR	END	R	2,130	Z1	1A	52	65	13	Cape Seal	5%	\$ 8,628	\$ 16.09	\$ 34,277	\$ 42,905
	LIMEWOOD CT	LIMEWOOD DR	END	R	1,547	Z1	1A	54	66	12	Cape Seal	5%	\$ 6,267	\$ 16.09	\$ 24,897	\$ 31,163
	LIMEWOOD DR	BAILEY RD	POPLARWOOD CT	R	510	Z1	1A	63	73	10	Cape Seal	5%	\$ 2,064	\$ 16.09	\$ 8,201	\$ 10,265
	LIMEWOOD DR	POPLARWOOD CT	LIMEWOOD CT	R	968	Z1	1A	60	71	11	Cape Seal	5%	\$ 3,920	\$ 16.09	\$ 15,575	\$ 19,496
	LIMEWOOD DR	LIMEWOOD CT	BERRYWOOD DR	R	851	Z1	1A	53	65	13	Cape Seal	5%	\$ 3,445	\$ 16.09	\$ 13,687	\$ 17,132
	MATHESON RD	END CURB & GUTTER	CHEROKEE DR	R	1,425	Z1	1A	65	75	10	Cape Seal	5%	\$ 5,771	\$ 16.09	\$ 22,928	\$ 28,700
	MATHESON RD	CHEROKEE DR	ALRO AV	R	586	Z1	1A	76	85	8	Cape Seal	5%	\$ 2,374	\$ 16.09	\$ 9,431	\$ 11,804
	MATHESON RD	ALRO AV	JOELLE DR	R	1,425	Z1	1A	67	77	9	Cape Seal	5%	\$ 5,771	\$ 16.09	\$ 22,928	\$ 28,700
	MATHESON RD	JOELLE DR	GENEVA AV	R	1,158	Z1	1A	66	76	10	Cape Seal	5%	\$ 4,691	\$ 16.09	\$ 18,638	\$ 23,329
	MATHESON RD	GENEVA AV	CURLETTO DR	R	1,011	Z1	1A	60	71	11	Cape Seal	5%	\$ 4,095	\$ 16.09	\$ 16,269	\$ 20,364
	MINTWOOD DR	CLAYCORD AV (S)	CLAYCORD AV (N)	R	3,483	Z1	1A	50	63	14	Cape Seal	5%	\$ 14,108	\$ 16.09	\$ 56,047	\$ 70,154
	NEWHALL PARK WY	BOXER BL	CLAYTON RD	R	2,170	Z1	1A	69	78	9	Cape Seal	5%	\$ 8,789	\$ 16.09	\$ 34,915	\$ 43,704
	OLIVE DR	BAILEY RD	CURLETTO DR	R	477	Z1	1A	67	76	10	Cape Seal	5%	\$ 1,931	\$ 16.09	\$ 7,670	\$ 9,600
	OLIVE DR	CURLETTO DR	BELDING CT	R	990	Z1	1A	65	75	10	Cape Seal	5%	\$ 4,010	\$ 16.09	\$ 15,929	\$ 19,939
	OLIVE DR	BELDING CT	BERRYWOOD DR	R	935	Z1	1A	51	65	13	Cape Seal	5%	\$ 3,787	\$ 16.09	\$ 15,044	\$ 18,831

PROJECT	Street Name	Beginning Location	End Location	Functional Class	Area (SY)	Zone	Sub-Zone	PCI	After Treatment PCI	PCI Increase	Field Review Treatment Recommendation	Average % Base Repair	Base Repair Cost	Treatment Unit Cost (\$/SY)	Treatment Cost	PRONG 3 Total Cost
	OLIVE DR	BERRYWOOD DR	SHELLWOOD DR	R	917	Z1	1A	64	74	10	Cape Seal	5%	\$ 3,713	\$ 16.09	\$ 14,749	\$ 18,462
	OLIVE DR	SHELLWOOD DR	CLAYCORD AV	R	3,293	Z1	1A	64	74	10	Cape Seal	5%	\$ 13,335	\$ 16.09	\$ 52,979	\$ 66,314
	PIZZIMENTI CT	BERRYWOOD DR	END	R	700	Z1	1A	54	66	12	Cape Seal	5%	\$ 2,836	\$ 16.09	\$ 11,268	\$ 14,105
	POPLARWOOD CT	LIMEWOOD DR	END	R	1,547	Z1	1A	53	65	13	Cape Seal	5%	\$ 6,267	\$ 16.09	\$ 24,897	\$ 31,163
	RIO BLANCO DR	END	RUSSO CT	R	396	Z1	1A	63	73	10	Cape Seal	5%	\$ 1,604	\$ 16.09	\$ 6,372	\$ 7,975
	RIO BLANCO DR	RUSSO CT	SPRINGWOOD WY	R	807	Z1	1A	67	76	10	Cape Seal	5%	\$ 3,267	\$ 16.09	\$ 12,979	\$ 16,246
	RUSSO CT	RIO BLANCO DR	END	R	418	Z1	1A	59	70	11	Cape Seal	5%	\$ 1,693	\$ 16.09	\$ 6,726	\$ 8,419
	SHELLWOOD DR	CURLETTO DR	OLIVE DR	R	1,742	Z1	1A	50	63	14	Cape Seal	5%	\$ 7,054	\$ 16.09	\$ 28,023	\$ 35,077
	SPRINGWOOD WY	BAILEY RD	RIO BLANCO DR	R	513	Z1	1A	58	70	11	Cape Seal	5%	\$ 2,079	\$ 16.09	\$ 8,260	\$ 10,339
	SPRINGWOOD WY	RIO BLANCO DR	END	R	1,192	Z1	1A	56	68	12	Cape Seal	5%	\$ 4,826	\$ 16.09	\$ 19,174	\$ 24,000
	SUNNY PL	BAILEY RD	END	R	1,247	Z1	1A	57	68	11	Cape Seal	5%	\$ 5,049	\$ 16.09	\$ 20,059	\$ 25,108
	THIESSEN CT	CLAYCORD AV	END	R	1,679	Z1	1A	73	82	9	Cape Seal	5%	\$ 6,799	\$ 16.09	\$ 27,012	\$ 33,811
TOTAL															\$	2,312,253

PROJECT	Street Name	Beginning Location	End Location	Functional Class	Area (SY)	Zone	PCI	Sub-Zone	PCI	After Treatment PCI	PCI Increase	Field Review Treatment Recommendation	Average % Base Repair	Base Repair Cost	Treatment Unit Cost (\$/SY)	Treatment Cost	PRONG 3 Total Cost
ZONE 2BD	ASHDALE DR	LARKSPUR DR	WILLOW PASS RD	R	1,595	Z2	58	2B	57	68	12	Slurry Seal	5%	\$ 4,307	\$ 3.22	\$ 5,136	\$ 9,442
	CARLOTTA DR	LOS FLORES AV	EL REY PL	R	552	Z2	39	2B	38	100	62	Mill and Overlay	5%	\$ 1,490	\$ 37.00	\$ 20,424	\$ 21,914
	CARLOTTA DR	EL REY PL	ASHDALE DR	R	1,902	Z2	20	2B	18	100	82	Reconstruction	5%	\$ 5,135	\$ 146.04	\$ 277,768	\$ 282,903
	CLAYTON WY	VILLAGE RD	ROGERS RD	R	3,228	Z2	37	2B	35	56	20	Slurry Seal	5%	\$ 8,717	\$ 3.22	\$ 10,395	\$ 19,112
	CLAYTON WY	ROGERS RD	QUEENS RD	R	3,142	Z2	44	2B	43	59	16	Slurry Seal	5%	\$ 8,483	\$ 3.22	\$ 10,116	\$ 18,599
	CLAYTON WY	QUEENS RD	ROYAL RD	R	368	Z2	57	2B	55	67	12	Slurry Seal	5%	\$ 995	\$ 3.22	\$ 1,186	\$ 2,181
	CLAYTON WY	ROYAL RD	WILLOW PASS RD	R	867	Z2	72	2B	71	80	9	Slurry Seal	5%	\$ 2,340	\$ 3.22	\$ 2,791	\$ 5,131
	EL REY PL	CARLOTTA DR	END	R	436	Z2	47	2B	46	100	54	Mill and Overlay	5%	\$ 1,176	\$ 37.00	\$ 16,116	\$ 17,292
	GRANADA DR	VILLAGE RD	LOLITA DR	R	675	Z2	40	2B	39	100	61	Mill and Overlay	15%	\$ 5,468	\$ 37.00	\$ 24,975	\$ 30,443
	GRANADA DR	LOLITA DR	GRANZOTTO DR	R	951	Z2	47	2B	46	100	54	Mill and Overlay	15%	\$ 7,703	\$ 37.00	\$ 35,187	\$ 42,890
	GRANADA DR	GRANZOTTO DR	LOS FLORES AV	R	951	Z2	34	2B	32	100	68	Mill and Overlay	15%	\$ 7,703	\$ 37.00	\$ 35,187	\$ 42,890
	GRANADA DR	LOS FLORES AV	HACIENDA CT	R	1,125	Z2	39	2B	38	100	62	Mill and Overlay	15%	\$ 9,113	\$ 37.00	\$ 41,625	\$ 50,738
	GRANADA DR	HACIENDA CT	WILLOW PASS RD	R	1,425	Z2	32	2B	30	100	70	Mill and Overlay	15%	\$ 11,543	\$ 37.00	\$ 52,725	\$ 64,268
	GRANZOTTO DR	GRANADA DR	CARLOTTA DR	R	2,455	Z2	86	2B	84	91	7	Slurry Seal	5%	\$ 6,628	\$ 3.22	\$ 7,904	\$ 14,532
	HACIENDA CT	GRANADA DR	END	R	549	Z2	23	2B	21	100	79	Mill and Overlay	5%	\$ 1,482	\$ 37.00	\$ 20,313	\$ 21,795
	JACQUELNE WY	ROGERS RD	ROYAL RD	R	2,355	Z2	55	2B	54	66	12	Slurry Seal	5%	\$ 6,359	\$ 3.22	\$ 7,583	\$ 13,942
	LOS FLORES AV	GRANADA DR	SAN VICENTE DR	R	1,425	Z2	50	2B	49	100	51	Mill and Overlay	5%	\$ 3,848	\$ 37.00	\$ 52,725	\$ 56,573
	LOS FLORES AV	SAN VICENTE DR	CARLOTTA DR	R	756	Z2	48	2B	47	100	53	Mill and Overlay	5%	\$ 2,041	\$ 37.00	\$ 27,972	\$ 30,013
	QUEENS RD	VILLAGE RD	ROGERS RD	R	2,658	Z2	61	2B	59	70	11	Slurry Seal	5%	\$ 7,178	\$ 3.22	\$ 8,560	\$ 15,737
	QUEENS RD	ROGERS RD	CLAYTON WY	R	3,648	Z2	48	2B	47	100	53	Mill and Overlay	5%	\$ 9,851	\$ 37.00	\$ 134,988	\$ 144,839

PROJECT	Street Name	Beginning Location	End Location	Functional Class	Area (SY)	Zone	PCI	Sub-Zone	PCI	After Treatment PCI	PCI Increase	Field Review Treatment Recommendation	Average % Base Repair	Base Repair Cost	Treatment Unit Cost (\$/SY)	Treatment Cost	PRONG 3 Total Cost
	ROGERS RD	JACQUELINE WY	CLAYTON WY	R	633	Z2	41	2B	40	100	60	Mill and Overlay	5%	\$ 1,709	\$ 37.00	\$ 23,421	\$ 25,130
	ROGERS RD	CLAYTON WY	QUEENS RD	R	968	Z2	50	2B	49	100	51	Mill and Overlay	5%	\$ 2,614	\$ 37.00	\$ 35,816	\$ 38,430
	ROYAL RD	JACQUEILINE WY	CLAYTON WY	R	720	Z2	47	2B	46	61	15	Slurry Seal	15%	\$ 5,832	\$ 3.22	\$ 2,318	\$ 8,150
	SAN VINCENTE DR	LOS FLORES AV	WILLOW PASS RD	R	2,217	Z2	52	2B	51	100	49	Mill and Overlay	10%	\$ 11,972	\$ 37.00	\$ 82,029	\$ 94,001
	VILLAGE RD	CLAYTON WY	QUEENS RD	R	1,005	Z2	54	2B	53	66	12	Slurry Seal	5%	\$ 2,713	\$ 3.22	\$ 3,235	\$ 5,948
	VILLAGE RD	QUEENS RD	GRANADA DR	R	882	Z2	40	2B	39	100	61	Mill and Overlay	5%	\$ 2,381	\$ 37.00	\$ 32,634	\$ 35,015
	VILLAGE RD	GRANADA DR	NOEMI DR	R	1,425	Z2	43	2B	42	100	58	Mill and Overlay	5%	\$ 3,848	\$ 37.00	\$ 52,725	\$ 56,573
	BRENTWOOD CR	WESTWOOD DR	CHABAN DR	R	3,850	Z2	51	2D	50	64	13	Slurry Seal	5%	\$ 10,395	\$ 3.22	\$ 12,397	\$ 22,792
	CHABAN DR	DENKINGER RD	WOODCREST DR	R	774	Z2	56	2D	54	67	12	Cape Seal	5%	\$ 2,089	\$ 16.09	\$ 12,448	\$ 14,537
	CHABAN DR	WOODCREST DR	WESTWOOD DR	R	774	Z2	55	2D	53	66	12	Cape Seal	5%	\$ 2,089	\$ 16.09	\$ 12,448	\$ 14,537
	CHABAN DR	WESTWOOD DR	BRENTWOOD CR	R	2,475	Z2	53	2D	52	65	13	Slurry Seal	5%	\$ 6,683	\$ 3.22	\$ 7,970	\$ 14,652
	HENNING CT	HENNING DR	END	R	433	Z2	47	2D	46	61	15	Cape Seal	5%	\$ 1,168	\$ 16.09	\$ 6,962	\$ 8,130
	HENNING DR	DENKINGER RD	WOODCREST DR	R	774	Z2	67	2D	66	75	10	Slurry Seal	5%	\$ 2,089	\$ 3.22	\$ 2,491	\$ 4,580
	HENNING DR	WOODCREST DR	HENNING CT	R	579	Z2	67	2D	66	75	10	Slurry Seal	5%	\$ 1,564	\$ 3.22	\$ 1,865	\$ 3,430
	HENNING DR	HENNING CT	GLAZIER DR	R	2,383	Z2	61	2D	60	70	11	Slurry Seal	5%	\$ 6,435	\$ 3.22	\$ 7,674	\$ 14,109
	KAYWOOD DR	SATINWOOD DR	WOODLAND DR	R	1,646	Z2	46	2D	45	61	16	Cape Seal	5%	\$ 4,445	\$ 16.09	\$ 26,490	\$ 30,935
	ROCKWOOD PL	WOODLAND DR	END	R	1,210	Z2	51	2D	50	64	13	Slurry Seal	5%	\$ 3,267	\$ 3.22	\$ 3,896	\$ 7,163
	SATINWOOD DR	WOODCREST DR	KAYWOOD DR	R	1,357	Z2	53	2D	52	65	13	Cape Seal	5%	\$ 3,663	\$ 16.09	\$ 21,829	\$ 25,492
	SATINWOOD DR	KAYWOOD DR	GLAZIER DR	R	2,820	Z2	64	2D	63	73	10	Cape Seal	5%	\$ 7,613	\$ 16.09	\$ 45,368	\$ 52,982
	TEAKWOOD CT	WESTWOOD DR	END	R	1,265	Z2	38	2D	37	100	63	Mill and Overlay	5%	\$ 3,416	\$ 37.00	\$ 46,805	\$ 50,221

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	TEAKWOOD CT	TEAKWOOD CT	END	R	788	Z2	32	2D	30	100	70	Mill and Overlay	5%	\$ 2,129	\$ 37.00	\$ 29,168	\$ 31,297
	TOYAH CT	WOODLAND DR	END	R	469	Z2	55	2D	53	100	47	Mill and Overlay	5%	\$ 1,267	\$ 37.00	\$ 17,365	\$ 18,633
	WESTWOOD CT	WESTWOOD DR	END	R	1,536	Z2	53	2D	52	65	13	Slurry Seal	5%	\$ 4,148	\$ 3.22	\$ 4,947	\$ 9,095
	WESTWOOD DR	GLAZIER DR	TEAKWOOD CT	R	3,098	Z2	70	2D	69	78	9	Slurry Seal	5%	\$ 8,366	\$ 3.22	\$ 9,977	\$ 18,342
	WESTWOOD DR	TEAKWOOD CT	BRENTWOOD CR	R	843	Z2	71	2D	70	79	9	Slurry Seal	5%	\$ 2,277	\$ 3.22	\$ 2,716	\$ 4,993
	WESTWOOD DR	BRENTWOOD CR	WESTWOOD CT	R	917	Z2	73	2D	72	81	9	Slurry Seal	5%	\$ 2,475	\$ 3.22	\$ 2,952	\$ 5,427
	WESTWOOD DR	WESTWOOD CT	CHABAN DR	R	880	Z2	67	2D	66	75	10	Slurry Seal	5%	\$ 2,376	\$ 3.22	\$ 2,834	\$ 5,210
	WOODCREST DR	HENNING DR	CHABAN DR	R	4,565	Z2	56	2D	54	67	12	Cape Seal	5%	\$ 12,326	\$ 16.09	\$ 73,451	\$ 85,776
	WOODCREST DR	CHABAN DR	SATINWOOD DR	R	968	Z2	55	2D	53	66	12	Cape Seal	5%	\$ 2,614	\$ 16.09	\$ 15,575	\$ 18,189
	WOODCREST DR	SATINWOOD DR	WOODLAND DR	R	462	Z2	56	2D	54	67	12	Cape Seal	5%	\$ 1,247	\$ 16.09	\$ 7,434	\$ 8,681
	WOODLAND CT	WOODLAND DR	END	R	1,602	Z2	42	2D	41	100	59	Mill and Overlay	5%	\$ 4,326	\$ 37.00	\$ 59,286	\$ 63,613
	WOODLAND DR	WOODCREST DR	TOYAH CT	R	1,173	Z2	53	2D	52	65	13	Cape Seal	5%	\$ 3,168	\$ 16.09	\$ 18,879	\$ 22,047
	WOODLAND DR	TOYAH CT	KAYWOOD DR	R	990	Z2	55	2D	53	66	12	Cape Seal	5%	\$ 2,673	\$ 16.09	\$ 15,929	\$ 18,602
	WOODLAND DR	KAYWOOD DR	ROCKWOOD PL	R	774	Z2	61	2D	60	70	11	Cape Seal	5%	\$ 2,089	\$ 16.09	\$ 12,448	\$ 14,537
	WOODLAND DR	ROCKWOOD PL	WOODLAND CT	R	1,063	Z2	57	2D	55	67	12	Cape Seal	5%	\$ 2,871	\$ 16.09	\$ 17,109	\$ 19,980
	WOODLAND DR	WOODLAND CT	GLAZIER DR	R	1,162	Z2	44	2D	43	100	57	Mill and Overlay	5%	\$ 3,138	\$ 37.00	\$ 43,006	\$ 46,145

TOTAL \$ 1,822,602

PROJECT	Street Name	Beginning Location	End Location	Functional Class	Area (SY)	Zone	PCI	Sub-Zone	PCI	After Treatment PCI	PCI Increase	Field Review Treatment Recommendation	Average % Base Repair	Base Repair Cost	Treatment Unit Cost (\$/SY)	Treatment Cost	PRONG 3 Total Cost
ZONE 4C	ALMAR ST	COWELL RD	CRAWFORD ST	R	3,098	Z4	50	4C	48	63	14	Cape Seal	12%	\$ 30,116	\$ 16.09	\$ 49,852	\$ 79,968
	ATLANTIC ST	OAKLAND AVE	SAN JOSE AVE	R	1,162	Z4	44	4C	42	59	17	Cape Seal	12%	\$ 11,298	\$ 16.09	\$ 18,702	\$ 30,000
	ATLANTIC ST	SAN JOSE AV	SANTA CLARA AVE	R	877	Z4	38	4C	37	56	19	Cape Seal	12%	\$ 8,520	\$ 16.09	\$ 14,104	\$ 22,624
	ATLANTIC ST	SANTA CLARA AV	SAN CARLOS AV	R	810	Z4	49	4C	47	62	15	Cape Seal	12%	\$ 7,874	\$ 16.09	\$ 13,035	\$ 20,909
	CARLTON DR	MT DIABLO ST	LAGUNA ST	R	821	Z4	50	4C	48	62	14	Cape Seal	12%	\$ 7,983	\$ 16.09	\$ 13,215	\$ 21,199
	CARLTON DR	LAGUNA ST	END	R	4,037	Z4	56	4C	55	67	12	Cape Seal	12%	\$ 39,240	\$ 16.09	\$ 64,955	\$ 104,195
	CRAWFORD ST	MESA ST	ALMAR ST	R	965	Z4	44	4C	42	59	17	Cape Seal	12%	\$ 9,379	\$ 16.09	\$ 15,525	\$ 24,904
	CRAWFORD ST	ALMAR ST	SAN JOSE AV	R	610	Z4	46	4C	44	60	16	Cape Seal	12%	\$ 5,925	\$ 16.09	\$ 9,808	\$ 15,733
	CRAWFORD ST	SAN JOSE AV	SAN CARLOS AV	R	2,109	Z4	34	4C	33	55	22	Cape Seal	12%	\$ 20,498	\$ 16.09	\$ 33,932	\$ 54,430
	DOVER WY	FIFTH AV	GARY DR	R	642	Z4	65	4C	64	74	10	Cape Seal	12%	\$ 6,237	\$ 16.09	\$ 10,324	\$ 16,561
	FIFTH AV	WILDEWOOD DR	MT DIABLO ST	R	880	Z4	38	4C	37	56	20	Cape Seal	12%	\$ 8,554	\$ 16.09	\$ 14,159	\$ 22,713
	FIFTH AV	MT DIABLO ST	MARVELLE LN	R	1,357	Z4	40	4C	39	57	18	Cape Seal	12%	\$ 13,187	\$ 16.09	\$ 21,829	\$ 35,016
	FIFTH AV	MARVELLE LN	DOVER WY	R	773	Z4	45	4C	43	59	16	Cape Seal	12%	\$ 7,517	\$ 16.09	\$ 12,443	\$ 19,960
	FIFTH AV	DOVER WY	MONTEBELLO CT	R	1,896	Z4	54	4C	52	65	13	Cape Seal	12%	\$ 18,431	\$ 16.09	\$ 30,510	\$ 48,941
	FIFTH AV	MONTEBELLO CT	CLAYTON RD	R	558	Z4	48	4C	46	61	15	Cape Seal	12%	\$ 5,426	\$ 16.09	\$ 8,982	\$ 14,408
	GARY DR	DOVER WY	JEN CT	R	774	Z4	59	4C	58	69	11	Cape Seal	12%	\$ 7,520	\$ 16.09	\$ 12,448	\$ 19,968
	GARY DR	JEN CT	LONEE CT	R	774	Z4	54	4C	52	65	13	Cape Seal	12%	\$ 7,520	\$ 16.09	\$ 12,448	\$ 19,968
	GARY DR	LONEE CT	MONTEBELLO CT	R	774	Z4	63	4C	62	72	10	Cape Seal	12%	\$ 7,520	\$ 16.09	\$ 12,448	\$ 19,968
	JEN CT	GARY DR	END	R	579	Z4	70	4C	69	78	9	Cape Seal	12%	\$ 5,631	\$ 16.09	\$ 9,321	\$ 14,953
	LAGUNA ST	OAKLAND AV	SAN JOSE AV	R	1,021	Z4	40	4C	39	57	18	Cape Seal	12%	\$ 9,928	\$ 16.09	\$ 16,435	\$ 26,363
LAGUNA ST	SAN JOSE AV	SANTA CLARA AV	R	1,062	Z4	38	4C	37	56	20	Cape Seal	12%	\$ 10,323	\$ 16.09	\$ 17,088	\$ 27,410	

PROJECT	Street Name	Beginning Location	End Location	Functional Class	Area (SY)	Zone	PCI	Sub-Zone	PCI	After Treatment PCI	PCI Increase	Field Review Treatment Recommendation	Average % Base Repair	Base Repair Cost	Treatment Unit Cost (\$/SY)	Treatment Cost	PRONG 3 Total Cost
	LAGUNA ST	SANTA CLARA AV	SAN CARLOS AV	R	1,110	Z4	40	4C	39	57	18	Cape Seal	12%	\$ 10,789	\$ 16.09	\$ 17,860	\$ 28,649
	LAGUNA ST	SAN CARLOS AV	CARLETON DR	R	880	Z4	46	4C	44	60	16	Cape Seal	12%	\$ 8,554	\$ 16.09	\$ 14,159	\$ 22,713
	LONEE CT	GARY DR	END	R	579	Z4	60	4C	59	70	11	Cape Seal	12%	\$ 5,631	\$ 16.09	\$ 9,321	\$ 14,953
	MARVELLE LN	FIFTH AV	END	R	1,360	Z4	43	4C	42	59	17	Cape Seal	12%	\$ 13,222	\$ 16.09	\$ 21,888	\$ 35,110
	MESA ST	CRAWFORD ST	MT DIABLO ST	R	680	Z4	88	4C	87	93	6	Cape Seal	12%	\$ 6,609	\$ 16.09	\$ 10,939	\$ 17,548
	MONTEBELLO CT	FIFTH AV	GARY DR	R	389	Z4	59	4C	57	69	11	Cape Seal	12%	\$ 3,778	\$ 16.09	\$ 6,254	\$ 10,031
	MONTEBELLO CT	GARY DR	END	R	704	Z4	48	4C	46	61	15	Cape Seal	12%	\$ 6,843	\$ 16.09	\$ 11,327	\$ 18,170
	MT DIABLO ST	VERNA CR	FIFTH AV	R	750	Z4	75	4C	74	82	9	Cape Seal	12%	\$ 7,292	\$ 16.09	\$ 12,071	\$ 19,363
	MT DIABLO ST	FIFTH AV	CARLETON DR	R	750	Z4	82	4C	81	88	7	Cape Seal	12%	\$ 7,292	\$ 16.09	\$ 12,071	\$ 19,363
	MT DIABLO ST	CARLETON DR	SAN CARLOS AV	R	939	Z4	65	4C	64	74	10	Cape Seal	12%	\$ 9,124	\$ 16.09	\$ 15,103	\$ 24,227
	MT DIABLO ST	SAN CARLOS AV	SAN JOSE AV	R	2,710	Z4	59	4C	57	69	11	Cape Seal	12%	\$ 26,338	\$ 16.09	\$ 43,599	\$ 69,936
	MT DIABLO ST	SAN JOSE AV	OAKLAND AV	R	1,357	Z4	55	4C	54	66	12	Cape Seal	12%	\$ 13,187	\$ 16.09	\$ 21,829	\$ 35,016
	MT DIABLO ST	OAKLAND AV	MESA ST	R	825	Z4	36	4C	35	55	21	Cape Seal	12%	\$ 8,020	\$ 16.09	\$ 13,276	\$ 21,296
	MT DIABLO ST	MESA ST	LAGUNA ST	R	1,027	Z4	64	4C	63	73	10	Cape Seal	12%	\$ 9,979	\$ 16.09	\$ 16,519	\$ 26,498
	PACIFIC ST	OAKLAND AV	SAN JOSE AV	R	1,188	Z4	50	4C	48	63	14	Cape Seal	12%	\$ 11,551	\$ 16.09	\$ 19,120	\$ 30,671
	PACIFIC ST	SAN JOSE AV	SANTA CLARA AV	R	882	Z4	41	4C	40	58	18	Cape Seal	12%	\$ 8,570	\$ 16.09	\$ 14,186	\$ 22,756
	PACIFIC ST	SANTA CLARA AV	SAN CARLOS AV	R	882	Z4	45	4C	43	59	16	Cape Seal	12%	\$ 8,570	\$ 16.09	\$ 14,186	\$ 22,756
	PROSPECT ST	OAKLAND AV	SAN JOSE AV	R	1,162	Z4	40	4C	39	57	18	Cape Seal	12%	\$ 11,298	\$ 16.09	\$ 18,702	\$ 30,000
	PROSPECT ST	SAN JOSE AV	SANTA CLARA AV	R	920	Z4	34	4C	33	55	22	Cape Seal	12%	\$ 8,942	\$ 16.09	\$ 14,803	\$ 23,745
	PROSPECT ST	SANTA CLARA AV	SAN CARLOS AV	R	810	Z4	34	4C	33	55	22	Cape Seal	12%	\$ 7,874	\$ 16.09	\$ 13,035	\$ 20,909
	SAN CARLOS AV	END	CRAWFORD ST	R	376	Z4	51	4C	49	63	14	Cape Seal	12%	\$ 3,650	\$ 16.09	\$ 6,043	\$ 9,693

PROJECT	Street Name	Beginning Location	End Location	Functional Class	Area (SY)	Zone	PCI	Sub-Zone	PCI	After Treatment PCI	PCI Increase	Field Review Treatment Recommendation	Average % Base Repair	Base Repair Cost	Treatment Unit Cost (\$/SY)	Treatment Cost	PRONG 3 Total Cost
	SAN CARLOS AV	CRAWFORD ST	MT DIABLO ST	R	763	Z4	46	4C	44	60	16	Cape Seal	12%	\$ 7,413	\$ 16.09	\$ 12,271	\$ 19,684
	SAN CARLOS AV	MT DIABLO ST	LAGUNA ST	R	792	Z4	40	4C	39	57	18	Cape Seal	12%	\$ 7,698	\$ 16.09	\$ 12,743	\$ 20,442
	SAN CARLOS AV	LAGUNA ST	PROSPECT ST	R	803	Z4	36	4C	35	56	21	Cape Seal	12%	\$ 7,802	\$ 16.09	\$ 12,915	\$ 20,717
	SAN CARLOS AV	PROSPECT ST	ATLANTIC ST	R	987	Z4	37	4C	36	56	20	Cape Seal	12%	\$ 9,590	\$ 16.09	\$ 15,875	\$ 25,466
	SAN CARLOS AV	ATLANTIC ST	PACIFIC ST	R	987	Z4	38	4C	37	56	19	Cape Seal	12%	\$ 9,590	\$ 16.09	\$ 15,875	\$ 25,466
	SAN CARLOS AV	PACIFIC ST	CLAYTON RD	R	952	Z4	54	4C	53	65	13	Cape Seal	12%	\$ 9,253	\$ 16.09	\$ 15,318	\$ 24,571
	SAN JOSE AV	CRAWFORD ST	MT DIABLO ST	R	610	Z4	42	4C	41	58	17	Cape Seal	12%	\$ 5,925	\$ 16.09	\$ 9,808	\$ 15,733
	SAN JOSE AV	MT DIABLO ST	LAGUNA ST	R	610	Z4	36	4C	35	56	21	Cape Seal	12%	\$ 5,925	\$ 16.09	\$ 9,808	\$ 15,733
	SAN JOSE AV	LAGUNA ST	PROSPECT ST	R	763	Z4	32	4C	31	54	23	Cape Seal	12%	\$ 7,413	\$ 16.09	\$ 12,271	\$ 19,684
	SAN JOSE AV	PROSPECT ST	ATLANTIC ST	R	881	Z4	44	4C	42	59	17	Cape Seal	12%	\$ 8,559	\$ 16.09	\$ 14,168	\$ 22,727
	SAN JOSE AV	ATLANTIC ST	PACIFIC ST	R	881	Z4	46	4C	44	60	16	Cape Seal	12%	\$ 8,559	\$ 16.09	\$ 14,168	\$ 22,727
	SAN JOSE AV	PACIFIC ST	CLAYTON RD	R	740	Z4	38	4C	37	56	19	Cape Seal	12%	\$ 7,190	\$ 16.09	\$ 11,901	\$ 19,091
	SANTA CLARA AV	LAGUNA ST	PROSPECT ST	R	765	Z4	56	4C	55	67	12	Cape Seal	12%	\$ 7,439	\$ 16.09	\$ 12,314	\$ 19,753
	SANTA CLARA AV	PROSPECT ST	ATLANTIC ST	R	925	Z4	49	4C	47	62	15	Cape Seal	12%	\$ 8,994	\$ 16.09	\$ 14,889	\$ 23,883
	SANTA CLARA AV	ATLANTIC ST	PACIFIC ST	R	941	Z4	48	4C	46	61	15	Cape Seal	12%	\$ 9,150	\$ 16.09	\$ 15,146	\$ 24,296
	SANTA CLARA AV	PACIFIC ST	CLAYTON RD	R	845	Z4	49	4C	47	62	15	Cape Seal	12%	\$ 8,217	\$ 16.09	\$ 13,601	\$ 21,818
	VERNA CR	MT DIABLO ST	END	R	466	Z4	45	4C	43	59	16	Cape Seal	12%	\$ 4,526	\$ 16.09	\$ 7,493	\$ 12,019
	WILDEWOOD DR	END	FIFTH AV	R	1,162	Z4	43	4C	42	59	17	Cape Seal	12%	\$ 11,298	\$ 16.09	\$ 18,702	\$ 30,000

TOTAL \$ **1,567,404**

PROJECT	Street Name	Beginning Location	End Location	Functional Class	Area (SY)	Zone	PCI	Sub-Zone	PCI	After Treatment PCI	PCI Increase	Field Review Treatment Recommendation	Average % Base Repair	Base Repair Cost	Treatment Unit Cost (\$/SY)	Treatment Cost	PRONG 3 Total Cost
ZONE 5B	DOE CT	ESPERANZA DR	END	R	590	Z5	48	5B2	47	61	15	Cape Seal	3%	\$ 1,435	\$ 16.09	\$ 9,498	\$ 10,933
	DORMER AV	E OLIVERA RD	MONTGOMERY AV	R	1,501	Z5	66	5B2	65	75	10	Cape Seal	10%	\$ 12,155	\$ 16.09	\$ 24,144	\$ 36,298
	DORMER AV	MONTGOMERY AV	PRESTWICK AV	R	1,131	Z5	48	5B2	47	61	15	Cape Seal	10%	\$ 9,158	\$ 16.09	\$ 18,191	\$ 27,348
	DORMER AV	PRESTWICK AV	SARATOGA AV	R	1,089	Z5	73	5B2	72	81	9	Cape Seal	10%	\$ 8,825	\$ 16.09	\$ 17,529	\$ 26,354
	DORMER AV	SARATOGA AV	HAMILTON AV	R	1,089	Z5	70	5B2	69	78	9	Cape Seal	10%	\$ 8,825	\$ 16.09	\$ 17,529	\$ 26,354
	DORMER AV	HAMILTON AV	ESPERANZA DR	R	1,151	Z5	59	5B2	57	69	11	Cape Seal	10%	\$ 9,324	\$ 16.09	\$ 18,521	\$ 27,845
	DORMER AV	ESPERANAZA DR	PURLEY LN	R	1,027	Z5	77	5B2	76	85	8	Cape Seal	10%	\$ 8,316	\$ 16.09	\$ 16,519	\$ 24,835
	DORMER AV	PURLEY LN	DORMER CT	R	972	Z5	61	5B2	60	70	11	Cape Seal	10%	\$ 7,871	\$ 16.09	\$ 15,634	\$ 23,505
	DORMER AV	DORMER CT	DUMBARTON ST	R	1,210	Z5	63	5B2	62	72	10	Cape Seal	10%	\$ 9,801	\$ 16.09	\$ 19,469	\$ 29,270
	DORMER AV	DUMBARTON ST	END	R	1,577	Z5	65	5B2	64	74	10	Cape Seal	10%	\$ 12,771	\$ 16.09	\$ 25,369	\$ 38,140
	DORMER CT	DORMER AV	END	R	1,100	Z5	47	5B2	46	61	15	Cape Seal	10%	\$ 8,910	\$ 16.09	\$ 17,699	\$ 26,609
	DUMBARTON ST	ESPERANZA DR	PURLEY LN	R	1,162	Z5	35	5B2	34	55	21	Cape Seal	3%	\$ 2,824	\$ 16.09	\$ 18,702	\$ 21,526
	DUMBARTON ST	PURLEY LN	DORMER AV	R	2,673	Z5	35	5B2	34	55	21	Cape Seal	3%	\$ 6,495	\$ 16.09	\$ 43,009	\$ 49,504
	ESPERANZA DR	E OLIVERA RD	MONGOMERY AV	R	1,028	Z5	43	5B2	41	100	59	Mill and Overlay	7%	\$ 5,828	\$ 37.00	\$ 38,028	\$ 43,855
	ESPERANZA DR	MONGOMERY AV	PRESTWICK AV	R	867	Z5	52	5B2	51	100	49	Mill and Overlay	7%	\$ 4,918	\$ 37.00	\$ 32,095	\$ 37,014
	ESPERANZA DR	PRESTWICK AV	DOE CT	R	1,131	Z5	38	5B2	37	100	63	Mill and Overlay	7%	\$ 6,410	\$ 37.00	\$ 41,831	\$ 48,241
	ESPERANZA DR	DOE CT	SARATOGA AV	R	1,085	Z5	40	5B2	38	100	62	Mill and Overlay	7%	\$ 6,154	\$ 37.00	\$ 40,157	\$ 46,311
	ESPERANZA DR	SARATOGA AV	HAMILTON AV	R	1,583	Z5	38	5B2	37	100	63	Mill and Overlay	7%	\$ 8,974	\$ 37.00	\$ 58,563	\$ 67,537
	ESPERANZA DR	HAMILTON AV	DUMBARTON ST	R	1,973	Z5	68	5B2	67	100	33	Mill and Overlay	7%	\$ 11,189	\$ 37.00	\$ 73,013	\$ 84,202

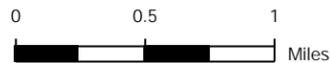
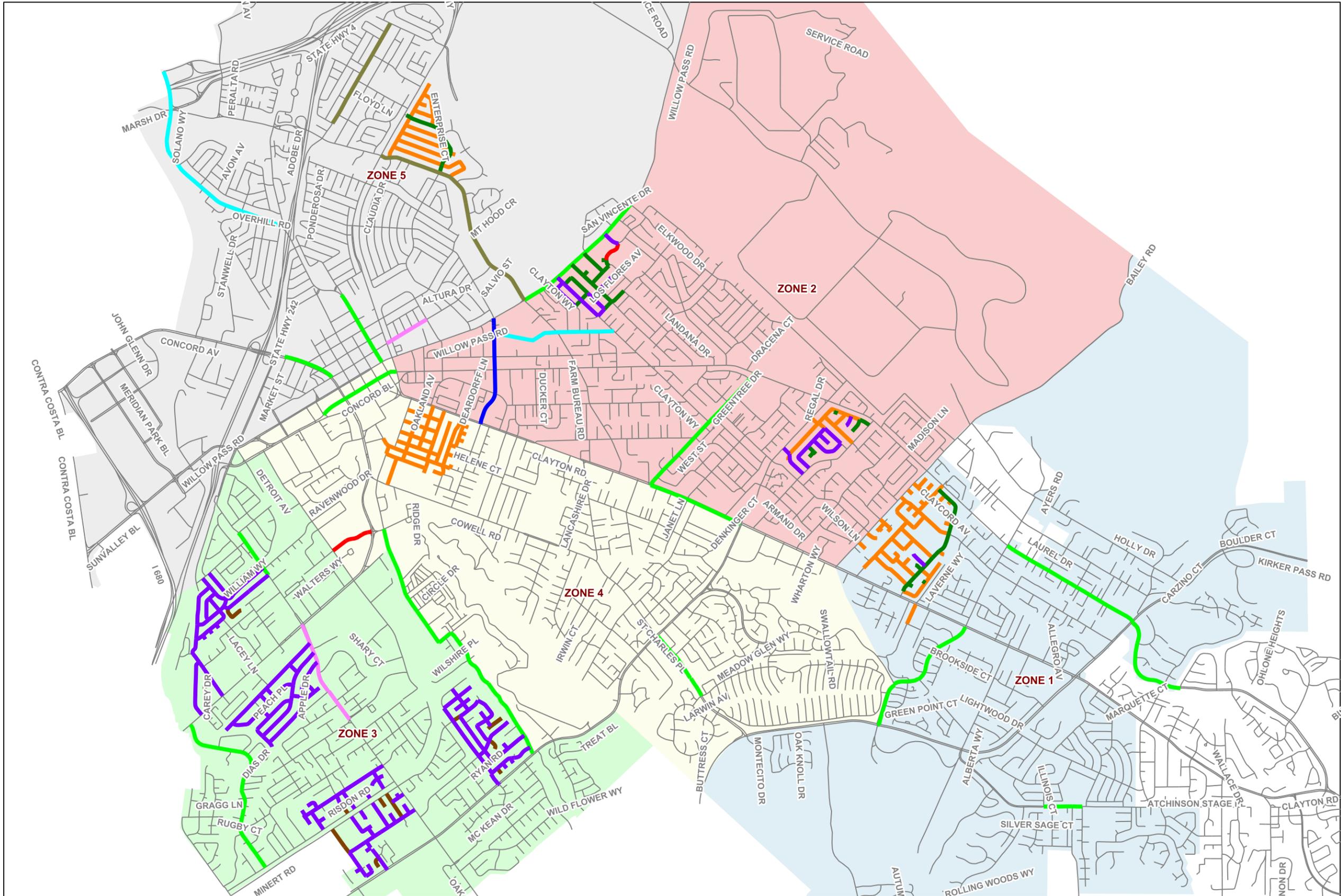
PROJECT	Street Name	Beginning Location	End Location	Functional Class	Area (SY)	Zone	PCI	Sub-Zone	PCI	After Treatment PCI	PCI Increase	Field Review Treatment Recommendation	Average % Base Repair	Base Repair Cost	Treatment Unit Cost (\$/SY)	Treatment Cost	PRONG 3 Total Cost															
	ESPERANZA DR	DUMBARTON ST	DORMER AV	R	2,919	Z5	69	5B2	68	100	32	Mill and Overlay	7%	\$ 16,550	\$ 37.00	\$ 107,999	\$ 124,549															
	ESPERANZA DR	DORMER AV	END	R	370	Z5	56	5B2	55	100	45	Mill and Overlay	8%	\$ 2,398	\$ 37.00	\$ 13,690	\$ 16,088															
	HAMILTON AV	DORMER AV	ESPERANZA DR	R	4,253	Z5	45	5B2	43	60	16	Cape Seal	3%	\$ 10,336	\$ 16.09	\$ 68,436	\$ 78,772															
	HAMILTON AV	ESPERANZA DR	CITY LIMIT	R	469	Z5	59	5B2	57	69	11	Cape Seal	3%	\$ 1,139	\$ 16.09	\$ 7,541	\$ 8,680															
	MONTGOMERY AV	DORMER AV	ESPERANZA DR	R	5,669	Z5	42	5B2	40	58	18	Cape Seal	3%	\$ 13,775	\$ 16.09	\$ 91,209	\$ 104,984															
	MONTGOMERY AV	ESPERANZA DR	WEXFORD DR	R	2,130	Z5	65	5B2	64	74	10	Cape Seal	3%	\$ 5,177	\$ 16.09	\$ 34,277	\$ 39,454															
	PRESTWICK AV	DORMER AV	ESPERANZA DR	R	5,614	Z5	65	5B2	64	74	10	Cape Seal	3%	\$ 13,641	\$ 16.09	\$ 90,324	\$ 103,965															
	PURLEY LN	DORMER AV	DUMBARTON ST	R	2,066	Z5	57	5B2	56	68	12	Cape Seal	3%	\$ 5,020	\$ 16.09	\$ 33,238	\$ 38,258															
	SARATOGA AV	DORMER AVE	ESPERANZA DR	R	5,610	Z5	46	5B2	45	60	16	Cape Seal	3%	\$ 13,632	\$ 16.09	\$ 90,265	\$ 103,897															
	WEXFORD DR	E OLIVERA RD	MONTGOMERY AV	R	2,875	Z5	49	5B2	48	62	14	Cape Seal	3%	\$ 6,985	\$ 16.09	\$ 46,253	\$ 53,239															
TOTAL																																\$ 1,367,566



Prong 1, 2, 3 & PJ 2329/2331

Feature Legend

- BASE REPAIR
- BASE REPAIR W/THICK OVERLAY
- BASE REPAIR W/THIN OVERLAY
- CAPE SEAL
- MILL AND OVERLAY
- Reconstruct FDR
- RECONSTRUCT STRUCTURE (AC)
- RECONSTRUCT SURFACE (AC)
- RUBBERIZED CAPE SEAL
- SLURRY SEAL

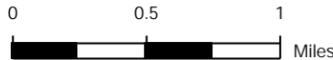
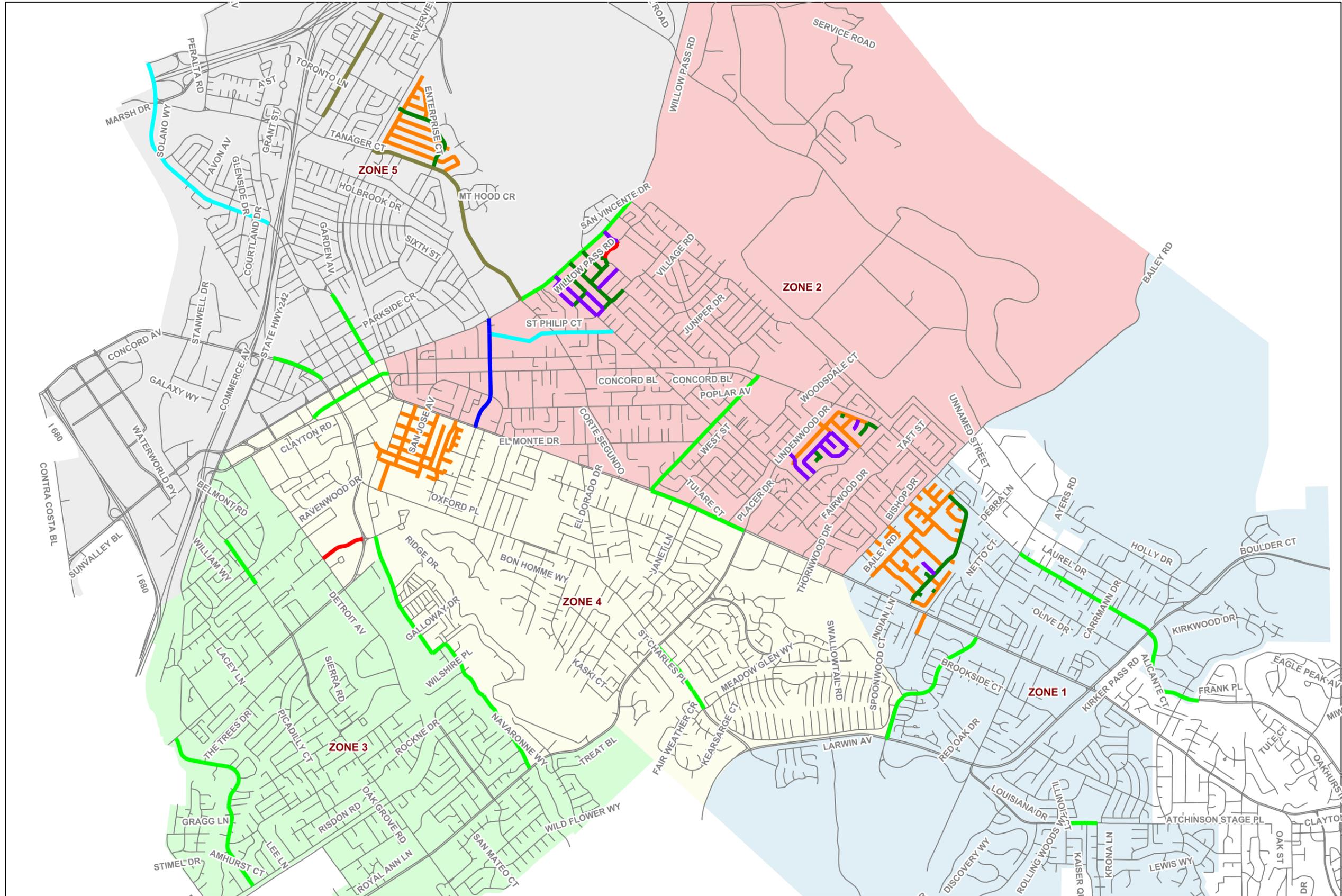




Prong 1, 2 & 3

Feature Legend

- BASE REPAIR
- BASE REPAIR W/THICK OVERLAY
- BASE REPAIR W/WITHIN OVERLAY
- CAPE SEAL
- MILL AND OVERLAY
- Reconstruct FDR
- RECONSTRUCT STRUCTURE (AC)
- SLURRY SEAL



Prong 1 & 2

Feature Legend

- BASE REPAIR
- BASE REPAIR W/THICK OVERLAY
- BASE REPAIR W/THIN OVERLAY
- Reconstruct FDR
- RECONSTRUCT STRUCTURE (AC)

