



Public Works Commission

24a

ACTION CALENDAR

February 9, 2016

(Continued from January 12, 2016)

To: Honorable Mayor and Members of the City Council

From: Public Works Commission

Submitted by: Margo Scheuler, Chair, Public Works Commission

Subject: Recommendation for the Five-Year Paving Plan

RECOMMENDATION

Adopt a Resolution approving the first two years (2016-2017) of the Five Year Paving Plan as proposed by staff.

The Public Works Commission recommends further consideration of the last three years (2018-2020) of the plan to:

- Better incorporate potential changes due to on-going drought,
- Assure the City of Berkeley takes full advantage of lessons learned from prior test sites,
- Best optimize green infrastructure to provide multiple benefits, and
- Better evaluate full life-cycle costs, especially of alternative treatments.

FISCAL IMPACTS OF RECOMMENDATION

Unknown.

CURRENT SITUATION AND ITS EFFECTS

For the past two years, Council has concurred with the Public Works Commission (PWC) recommendation to view a limited two years of detailed plan with three years referenced, referred to as “2 + 3” Five Year Plan. The plan for FY 2016 was approved by Council in November 2014 as part of the previous plan review. The PWC committed to return a recommendation on a full Five Year Plan this year. Staff provided their draft Five Year Paving Plan (2016-2020) to the PWC for review and consideration in April 2015. The PWC Paving Subcommittee held several public meetings with staff in an effort to evaluate the Plan and determined additional time is needed to develop the 2018-2020 portion of the plan to ensure the best possible expenditure of all funds.

On October 1, 2015, the PWC passed the following motion approving the report’s recommendations: “Approve that the PWC’s report and recommendations contained therein, be submitted to the City Council for consideration” (M/S/C Yep/Neal: Ayes: Elgstrand, Schueler, Kelley, Roland, Yep, Neal, Swift, Freiberg, Kelley; Noes: None; Abstain: None; Absent: None).

PUBLIC WORKS COMMISSION'S REVIEW

In keeping with the Auditor, City Manager and Council direction, the Public Works Commission applauds the significant progress staff has made improving the surface condition of our streets and raising the Pavement Condition Index (PCI) citywide since the infusion of Measure M funds in 2013. During public discussions regarding how the \$30 million in funds from Measure M should be spent, there was general consensus that street repair and restoration was a high priority for the community as well as development of new street and storm water systems, and investment in appropriate green infrastructure.

In the three years following the passage of Measure M, California and the West have been hit by a devastating drought. Growing awareness of the impacts of climate change on regional and local ecosystems has reinforced the importance of storm water management and retention associated with our largest public asset – our streets.

The Paving Plan as proposed strongly reflects the original 1990 Five Year Policy criteria. The proposed Plan will continue rapid restoration of the Pavement Condition Index citywide. The Plan consistently prioritizes bike and transit routes and distributes funds across streets according to city priorities regarding carrying capacity. This appropriately distributes street work across arterial, collector, and residential streets. With the infusion of monies from Measures M in 2012 and BB in 2014 into street management, our street network condition has greatly improved. Staff has increasingly focused on entire street sections and there has been growing collaboration with other utilities to coordinate their underground work prior to street surface treatment. We have made real progress on street issues that matter. Staff has addressed questions and provided supplemental information for consideration in making recommendations.

In addition to maintaining a smooth and safe riding surface, the 2009 update of the City's Paving Policy codified the need to identify and implement integrated solutions to address multiple demands on street infrastructure designed for safety, environmental sustainability and economic efficiency over the long run. We have installed and tested permeable pavers on Allston Way. Staff has also applied Measure M funds to develop watershed improvements associated with other street improvement projects.

Looking toward 2018 and beyond

When we step back and look at the whole City landscape, the infusion of Measure M funds has significantly improved the condition of our streets (as measured by an increase in streets paved and in the overall Pavement Condition Index) as well as introducing green infrastructure to our street paving practices.

As currently proposed, \$22.4 million of the \$30 million in Measure M funds will have been spent on conventional asphalt pavement, while the remaining \$7.6 million is planned for elements included in the Watershed Master Plan.

Alternative Street Treatments:

We need to continue to evaluate and implement different possible types of materials and construction methods, and to conduct comprehensive long run cost-benefit analyses for alternative types of pavement that are inter-generational in scope. In particular, estimated durability, useful life, costs of maintenance and lifecycle as well as environmental and watershed benefits should all be more explicitly incorporated in analysis.

The repairing of Bancroft Way, as proposed in the 2017 plan will provide very useful information in this regard, as that three block stretch from Telegraph to Fulton will comprise of one block of traditional asphalt and two blocks of concrete. This will thereby provide an excellent test site of durability and other attributes where conditions and traffic are essentially equal.

In addition to substantive changes and consideration of concrete/Portland cement, interlocking concrete pavers, or other more durable materials than asphalt, changes should be made to existing pavement projects to address environmental impacts. The Commission recommends removal of lamp black from future asphalt pavements to reduce heat island effects.

Watershed Elements and Green Infrastructure:

A significant portion of the current Measure M watershed expenditures planned will be expended on cisterns to temporarily slow storm water and reduce downstream flooding. The water is [then?] released slowly into storm drains. In consideration of the on-going drought conditions, the PWC recommends reconsideration of these projects. Our experience with permeable pavers on Allston Way shows large volumes of rainwater can be efficiently captured by permeable pavers. The water then returns to the aquifer where it can nurture plants, rather than simply draining directly to the Bay via storm drains. Further permeable pavers may be cheaper than very costly cistern projects.

Green infrastructure (GI) projects funded by Measure M to date have taken the form of rain gardens or bio-swales at opportunity sites adjacent to planned paving projects. These projects have been an important first step in meeting our GI needs throughout the city. However, only four planned GI projects in 2016-2020 (Rose-Hopkins, Shattuck between Center and University, and the Shattuck and Dwight Way bus pad permeable pavers will take place within the roadway itself. The Public Works Commission recommends additional and substantive GI projects be developed that involve the roadway or parking strip.

Other cities that have made significant advances (particularly Portland, Oregon), can help us better understand best practices for overall incorporation of Green Infrastructure and associated cost savings. A more thorough planned approach to GI is needed.

Finally, given the changes in our rainfall patterns, any remaining projects must ensure multiple benefits, not only including flooding reduction, but also comprehensive environmental aspects such as water retention, sustaining urban forests and other aspects that reflect Berkeley's commitment to its Climate Action Plan.

ENVIRONMENTAL SUSTAINABILITY

The Paving Plan incorporates Green Infrastructure that will reduce the volume of storm water entering City storm drains, provide opportunities for stormwater catchment, improve the quality of urban runoff from the roadways, and reduce greenhouse gas emissions by using newer technologies for street rehabilitation

RATIONALE FOR RECOMMENDATION

This Paving Plan is consistent with Berkeley's Street Rehabilitation and Repair Policy.

ALTERNATIVE ACTIONS CONSIDERED

None.

CITY MANAGER

The City Manager takes no position on the content.

CONTACT PERSON

Margo Schueler, Chair, Public Works Commission
Phil Harrington, Acting Director, Public Works Department, 981-6300
Sean Rose, Secretary, Public Works Commission, 981-6435
Tracy Clay, Supervising Civil Engineer, 981-6406

Attachments:

1: Resolution

Exhibit A: FY 2016-2020 Paving and Green Infrastructure Plan

RESOLUTION NO. ##,###-N.S.

APPROVAL OF THE PAVING PLAN FOR FYs 2016-2017

WHEREAS, the Street Rehabilitation Policy, Resolution No. 55,384-N.S. approved on May 22, 1990, requires there be a 5-Year Street Paving Plan for the entire City to be adopted by the City Council; and

WHEREAS, the Street Rehabilitation Policy shall be reviewed and updated annually by the City Council, with the advice of the Public Works Commission; and

WHEREAS, the Public Works Commission has required additional time to review the paving plan prepared by staff; and

WHEREAS, the Public Works Commission recommends Council adopt the FY 2016-2017 paving plan and the Green Infrastructure improvements, attached as Exhibit A.

NOW THEREFORE, BE IT RESOLVED by the Council of the City of Berkeley that the FY 2016-2017 Street Paving Plan and Green Infrastructure improvements, attached as Exhibit A hereof, is hereby adopted.

Exhibit A: Street Paving Plan for FY 2016-2020

5-YEAR STREET PAVING PLAN

FISCAL YEAR	STREET NAME	FROM	TO	CLASS	TREATMENT	ESTIMATED COST (updated)	GREEN INFRA	DISTRICT	P	MILEAGE	SCORECARD RANK	PCI	LAST PAVED	LAST TYPE
2016	DERBY ST	WARRING ST	BELROSE & TANGLEWOOD	A	RECONSTRUCT	382226		8	B	0.23	6	12	1996	O
2016	OXFORD ST	CEDAR ST	161' N/O HEARST AVE	A	OVERLAY	108950		4	C	0.25		74	-	-
2016	OXFORD ST	161' N/O HEARST AVE	HEARST AVE	A	OVERLAY	15031		4	C	0.03		49	-	-
2016	THE ALAMEDA	SOLANO AVE	MARIN AVE	A	OVERLAY	129217		5	B	0.18		59	1996	R
2016	THE ALAMEDA	HOPKINS ST	HOPKINS ST	A	RECONSTRUCT	828763		5	B	0.26		44	1995	R
2016	THE ALAMEDA	HOPKINS ST	YOLO AVE	A	OVERLAY	31678		5	C	0.04		53	1995	O
2016	4TH ST	CHANNING WAY	DWIGHT WAY	C	SURFACE SEAL	10976		2	D	0.15		25	1999	R
2016	BANCROFT WAY	FULTON ST	DANA ST	C	RECONSTRUCT	781797		47	B	0.25		33	1988	S
2016	BELROSE AVE	DERBY ST	CLAREMONT BLVD	C	RECONSTRUCT	253645		8	C	0.12	5	22	1996	O
2016	CEDAR ST	SPRUCE ST	EUCID AVE	C	SURFACE SEAL	16340		46	D	0.26		70	1988	O
2016	CEDAR ST	EUCID AVE	LA LOMA AVE	C	SURFACE SEAL	60606		6	D	0.17		48	1986	O
2016	CLAREMONT BLVD	BELROSE AVE	CLAREMONT AVE	C	RECONSTRUCT	325312		8	C	0.17	11	35	1996	O
2016	GRIZZLY PEAK BLVD	SHASTA RD	(EXTENSION OF EUNICE)	C	SURFACE SEAL	70158		6	B	0.20		47	1986	O
2016	KEITH AVE	SPRUCE ST	EUCID AVE	C	SURFACE SEAL	11983		6	B	0.28		65	1988	O
2016	KEITH AVE	EUCID AVE	SHASTA RD	C	SURFACE SEAL	169301		6	D	0.49		49	1988	O
2016	LA LOMA AVE	GLENDAL AVE	EL PORTAL CT	C	SURFACE SEAL	2960		6	D	0.05		66	1993	O
2016	LA LOMA AVE	EL PORTAL CT	QUARRY RD	C	SURFACE SEAL	9223		6	D	0.03		64	1993	O
2016	LOS ANGELES AVE	THE CIRCLE	SPRUCE ST	C	SURFACE SEAL	19481		5	B	0.33		70	2003	O
2016	MILVIA ST	HEARST AVE	UNIVERSITY AVE	C	SURFACE SEAL	40514		4	A	0.12		75	1990	O
2016	PIEDMONT CRESCENT	DWIGHT WAY	WARRING ST	C	RECONSTRUCT	160370		8	B	0.05	6	32	1996	O
2016	ROSE ST	SHATTUCK PL	SHATTUCK AVE	C	SURFACE SEAL	3737		5	B	0.06		63	1994	O
2016	SHASTA RD	CRAGMONT AVE	KEELER AVE	C	SURFACE SEAL	6290		6	B	0.13		65	1994	O
2016	SPRUCE ST	EUNICE ST	ROSE ST	C	SURFACE SEAL	107707		56	B	0.31		52	1994	O
2016	THOUSAND OAKS BLVD	COLUSA AVE	VINCENTE AVE	C	SURFACE SEAL	2812		5	D	0.07		67	1988	S
2016	THOUSAND OAKS BLVD	VINCENTE AVE	THE ALAMEDA	C	SURFACE SEAL	7548		5	D	0.16		55	1988	S
2016	THOUSAND OAKS BLVD	THE ALAMEDA	ARLINGTON AVE	C	SURFACE SEAL	15441		5	D	0.30		87	2002	O
2016	WARRING ST	DWIGHT WAY	DERBY ST	C	RECONSTRUCT	648111		8	B	0.29	6	18	1996	O
2016	5TH ST	CEDAR ST	VIRGINIA ST	R	SURFACE SEAL	6586		1	B	0.13		73	-	-
2016	5TH ST	VIRGINIA ST	UNIVERSITY AVE	R	SURFACE SEAL	16099		1	B	0.31		68	-	-
2016	9TH ST	CEDAR ST	DELAWARE ST	R	SURFACE SEAL	22274		1	A	0.25		55	1991	O
2016	9TH ST	DELAWARE ST	HEARST AVE	R	SURFACE SEAL	8280		1	A	0.09		68	1991	O
2016	9TH ST	HEARST AVE	UNIVERSITY AVE	R	SURFACE SEAL	8039		1	A	0.09		31	1991	O
2016	9TH ST	UNIVERSITY AVE	BANCROFT WAY	R	SURFACE SEAL	27381		2	A	0.31		71	1990	O
2016	9TH ST	JOG JUST NORTH OF ANTHONY POTTER ST	POTTER ST	R	RECONSTRUCT	102170		2	B	0.06		36	-	-
2016	9TH ST	POTTER ST	ASHBY AVE	R	OVERLAY	16474		2	B	0.07		43	-	-
2016	ACTON ST	RUSSELL ST	ASHBY AVE	R	SURFACE SEAL	6159		2	D	0.09		82	-	-
2016	ARCADE AVE	GRIZZLY PEAK BLVD	FAIRLAWN DR	R	RECONSTRUCT	54466		6	D	0.06		15	1995	O
2016	BERKELEY WAY	MARTIN LUTHER KING JR WY	MILVIA WAY	R	SURFACE SEAL	8568		4	D	0.13		74	1986	O
2016	BERKELEY WAY	MILVIA WAY	SHATTUCK AVE	R	SURFACE SEAL	9288		4	D	0.12		53	-	-
2016	BONAR ST	UNIVERSITY AVE	ADDISON ST	R	RECONSTRUCT	86350		2	B	0.06		23	1992	O
2016	BONAR ST	ALLSTON WAY	DWIGHT WAY	R	RECONSTRUCT	184250		2	B	0.38		37	1991	O
2016	CALIFORNIA ST	UNIVERSITY AVE	DWIGHT WAY	R	SURFACE SEAL	50492		4	A	0.57		60	1992	O

NOTE: COLUMN P DENOTES PRESENCE OF (A) BICYCLE BOULEVARD, (B) BIKEWAY, (C) BUS ROUTE, OR (D) NONE

Revision Date: October 2015

5-YEAR STREET PAVING PLAN

FISCAL YEAR	STREET NAME	FROM	TO	CLASS	TREATMENT	ESTIMATED COST (updated)	GREEN INFRA	DISTRICT	P	MILEAGE	SCORECARD RANK	PCI	LAST PAVED	LAST TYPE
2016	CAMPUS DR	AVENIDA DR	PARNASSUS RD	R	RECONSTRUCT	90750		6	D	0.10	13	12	-	-
2016	CAMPUS DR	PARNASSUS RD	DEAD END UC PLOT	R	RECONSTRUCT	110306		6	D	0.14		0	-	-
2016	CODORNICES	EUCALYPTUS AVE	DEAD END	R	RECONSTRUCT	68750		6	D	0.11		3	-	-
2016	CONTRA COSTA AVE	SOLANO AVE	LOS ANGELES AVE	R	RECONSTRUCT	32837		5	D	0.03		40	-	-
2016	CORNELL AVE	HOPKINS ST	GEDAR ST	R	OVERLAY	86020		1	B	0.07		39	1992	O
2016	CORNELL AVE	GEDAR ST	VIRGINIA ST	R	RECONSTRUCT	151250		1	B	0.13		25	1992	O
2016	EAST PARNASSUS CT	PARNASSUS RD	DEAD END	R	RECONSTRUCT	35292		6	D	0.04		1	-	-
2016	EL DORADO AVE	THE ALAMEDA	SUTTER ST	R	RECONSTRUCT	344574		5	D	0.24		39	1996	O
2016	ELMWOOD CT	ASHBY AVE	DEAD END	R	SURFACE SEAL	3015		8	D	0.05		55	-	-
2016	HAWTHORNE TERR	EUCALYPTUS AVE	GEDAR ST	R	RECONSTRUCT	268584		6	D	0.28		11	-	-
2016	HEINZ AVE	3RD ST	7TH ST	R	RECONSTRUCT	342375		2	D	0.24		9	1992	O
2016	HENRY ST	ROSE ST	VINE ST	R	RECONSTRUCT	181500		5	C	0.13		19	1995	O
2016	HENRY ST	VINE ST	GEDAR ST	R	RECONSTRUCT	180125		4	D	0.12		23	1992	O
2016	HILGARD AVE	LA VEREDA RD	DEAD END	R	RECONSTRUCT	72262		6	D	0.06		39	1999	R
2016	JONES ST	EAST SHORE HWY	2ND ST	R	OVERLAY	20892		1	D	0.05		54	-	-
2016	JONES ST	4TH ST	6TH ST	R	RECONSTRUCT	188375		1	D	0.13		12	-	-
2016	JOSEPHINE ST	THE ALAMEDA	HOPKINS ST	R	RECONSTRUCT	167755		5	D	0.11		33	1997	O
2016	LA VEREDA RD	LA LOMA AVE	GEDAR ST	R	RECONSTRUCT	63021		6	D	0.10	9	17	-	-
2016	LA VEREDA RD	GEDAR ST	DEAD END ABOVE VIRGINIA ST	R	RECONSTRUCT	93959		6	D	0.16	9	0	-	-
2016	LE CONTE AVE	SCENIC AVE	HIGHLAND PL	R	SURFACE SEAL	141435		6	B	0.41		60	1995	R
2016	MICHIGAN AVE	MARYLAND AVE	SPRUCE ST	R	RECONSTRUCT	314550		5	D	0.28		49	1988	O
2016	MODOC ST	SOLANO AVE	MARIN AVE	R	OVERLAY	39469		5	D	0.11		54	1995	R
2016	PAGE ST	EAST FRONTAGE RD	2ND ST	R	RECONSTRUCT	83570		1	D	0.05		39	-	-
2016	PAGE ST	3RD ST	4TH ST	R	OVERLAY	33000		1	D	0.06		69	1989	O
2016	PARKER ST	7TH ST	SAN PABLO AVE	R	SURFACE SEAL	18529	*	2	D	0.26		63	2008	R
2016	PARKER ST	MARTIN LUTHER KING JR WY	MILVIA WAY	R	SURFACE SEAL	10055		3	B	0.13		29	1993	O
2016	PARKER ST	MILVIA ST	SHATTUCK AVE	R	SURFACE SEAL	10856		3	B	0.14		50	1993	O
2016	PARKER ST	COLLEGE AVE	ETNA ST	R	RECONSTRUCT	106719		8	B	0.06		43	1996	O
2016	PARKER ST	ETNA ST	WARRING ST	R	RECONSTRUCT	199833		8	B	0.13		36	1996	O
2016	PARNASSUS RD	DEL MAR AVE	CAMPUS RD	R	RECONSTRUCT	209917		6	D	0.22		19	-	-
2016	PIEDMONT AVE	DWIGHT WAY	DERBY ST	R	RECONSTRUCT	399665		8	B	0.25		37	2006	O
2016	POE ST	BONAR ST	DEAD END (BONAR ST)	R	RECONSTRUCT	40105		2	D	0.03		22	1995	O
2016	PRINCE ST	TREMONT ST	TELEGRAPH AVE	R	OVERLAY	178332		37	B	0.45		58	2002	O
2016	ROSE ST	HOPKINS ST	CHESTNUT ST	R	OVERLAY	52444	*	1	B	0.13		52	1992	O
2016	ROSE ST	CHESTNUT ST	SACRAMENTO ST	R	OVERLAY	145028		1	B	0.34		62	1992	R
2016	RUGBY AVE	NORTH CITY LIMIT	VERMONT AVE	R	RECONSTRUCT	40105		5	D	0.04		15	1994	O
2016	RUSSELL ST	MARTIN LUTHER KING JR WAY	MILVIA ST	R	SURFACE SEAL	47101		3	A	0.14		52	1993	O
2016	RUSSELL ST	MILVIA ST	ADELIN ST	R	SURFACE SEAL	7576		3	A	0.02		63	1993	O
2016	RUSSELL ST	TELEGRAPH AVE	HILLEGASS AVE	R	SURFACE SEAL	74110		7	A	0.21		59	1998	O
2016	RUSSELL ST	BENVENUE AVE	COLLEGE AVE	R	SURFACE SEAL	11858		78	A	0.07		63	1998	O
2016	SPINNAKER WAY	BREAKWATER DR	MARINA BLVD	R	OVERLAY	124334		1	B	0.28		46	1991	O
2016	SPRUCE ST	VINE ST	GEDAR ST	R	SURFACE SEAL	43478		46	B	0.13		40	1995	O

NOTE: COLUMN P DENOTES PRESENCE OF (A) BICYCLE BOULEVARD, (B) BIKEWAY, (C) BUS ROUTE, OR (D) NONE

5-YEAR STREET PAVING PLAN

FISCAL YEAR	STREET NAME	FROM	TO	CLASS	TREATMENT	ESTIMATED COST	GREEN INFRA	DISTRICT	P	MILEAGE	SCORECARD RANK	PCI	LAST PAVED	TYPE
2017	ADELIN ST	DERBY ST	STUART ST	A	OVERLAY	145705		3	B	0.14	45	45	1994	O
2017	ADELIN ST	STUART ST	ASHBY AVE	A	RECONSTRUCT	1196971		3	B	0.28	5	36	1988	O
2017	CEDAR ST	EAST FRONTAGE RD (STATE PI 4TH ST	6TH ST	A	RECONSTRUCT	293410		1	D	0.18	10	16	1993	O
2017	CEDAR ST	4TH ST	HENRY ST	A	OVERLAY	39815		1	D	0.13	46	46	1993	O
2017	HEARST AVE	MILVIA ST	HENRY ST	A	OVERLAY	35221		4	B	0.06	46	46	1995	O
2017	HEARST AVE	LA LOMA AVE	HIGHLAND PL	A	SURFACE SEAL	3042		6	D	0.06	81	-	-	-
2017	SHATTUCK AVE	ROSE ST	VINE ST	A	RECONSTRUCT	325659		5	C	0.13	10	14	1996	R
2017	SHATTUCK AVE	VINE ST	CEDAR ST	A	RECONSTRUCT	389628		4	C	0.13	8	12	1996	O
2017	SHATTUCK PL	HENRY ST & ROSE ST	SHATTUCK AVE	A	RECONSTRUCT	282176		5	C	0.10	10	18	1996	R
2017	SHATTUCK AVE	CEDAR ST	HEARST AVE	A	RECONSTRUCT	824016		4	C	0.32	8	21	1996	O
2017	SHATTUCK AVE (SB)	CENTER ST	UNIVERSITY AVE	A	RECONSTRUCT	334289	*	4	C	0.12	1	33	1996	R
2017	SHATTUCK SQUARE	UNIVERSITY AVE	ADDISON ST/BERKELEY SQ	A	OVERLAY	50864		4	C	0.13	60	60	1994	O
2017	BERKELEY SQUARE	UNIVERSITY AVE	CENTER ST	A	OVERLAY	35377		4	C	0.07	41	41	1994	O
2017	SHATTUCK AVE	ADDISON ST	CENTER ST	A	OVERLAY	32426		4	C	0.06	52	52	1994	O
2017	SHATTUCK AVE	CENTER ST	ALLSTON WAY	A	OVERLAY	35669		4	C	0.06	51	51	1994	O
2017	THE CIRCLE	INTERSECTION MARIN AVE, ETC	INTERSECTION ARLINGTON AVE	A	SURFACE SEAL	992		5	C	0.01	77	77	1992	R
2017	BANCROFT WAY	MILVIA WAY	SHATTUCK AVE	C	OVERLAY	62651		4	D	0.13	58	58	1989	O
2017	CEDAR ST	6TH ST	SAN PABLO AVE	C	RECONSTRUCT	595577		1	D	0.31	8	10	1994	O
2017	DEL AWARE ST	6TH ST	SAN PABLO AVE	C	SURFACE SEAL	21472		1	B	0.31	71	71	1992	R
2017	GRIZZLY PEAK BLVD	NORTH CITY LIMIT (SPRUCE)	EUCLID AVE	C	RECONSTRUCT	305887		6	B	0.18	3	1	1990	O
2017	GRIZZLY PEAK BLVD	EUCLID AVE	KEELER AVE	C	RECONSTRUCT	289214		6	B	0.21	3	2	1990	O
2017	GRIZZLY PEAK BLVD	KEELER AVE	MARIN AVE	C	RECONSTRUCT	396076		6	B	0.27	3	0	1992	O
2017	HOPKINS ST	MONTEREY AVE	MC GEE AVE	C	OVERLAY	20807		5	B	0.05	55	55	1989	R
2017	HOPKINS ST	MC GEE AVE	CARLOTTA AVE	C	OVERLAY	27747		5	B	0.06	41	41	1989	R
2017	HOPKINS ST	CARLOTTA AVE	JOSEPHINE ST	C	OVERLAY	192511	*	5	B	0.35	58	58	1989	O
2017	HOPKINS ST	JOSEPHINE ST	THE ALAMEDA	C	OVERLAY	34683	*	5	B	0.05	47	47	1991	R
2017	SOLANO AVE	THE ALAMEDA	CONTRA COSTA AVE	C	SURFACE SEAL	5116		5	C	0.10	89	89	2005	O
2017	NORTHBRAE TUNNEL	CONTRA COSTA AVE	DEL NORTE ST	C	SURFACE SEAL	9175		5	C	0.27	80	80	1988	O
2017	2ND ST	DEL AWARE ST	HEARST AVE	R	RECONSTRUCT	152396		1	D	0.09	11	0	-	-
2017	2ND ST	HEARST AVE	UNIVERSITY AVE	R	RECONSTRUCT	163606		1	D	0.09	11	33	-	-
2017	2ND ST	UNIVERSITY AVE	ADDISON ST	R	OVERLAY	29840		2	D	0.09	42	42	1997	O
2017	8TH ST	NORTH CITY LIMIT	GILMAN ST	R	SURFACE SEAL	10924		1	B	0.22	78	78	2001	R
2017	9TH ST	ASHBY AVE	MURRAY ST	R	SURFACE SEAL	8890		2	B	0.03	43	-	-	-
2017	ALLSTON WAY	STRAWBERRY CK PARK	ACTON ST	R	SURFACE SEAL	5173		2	B	0.10	77	77	1997	O
2017	ALLSTON WAY	ACTON ST	SACRAMENTO ST	R	SURFACE SEAL	43275		23	B	0.12	65	65	1997	O
2017	ALLSTON WAY	MILVIA ST	SHATTUCK AVE	R	OVERLAY	56588		4	B	0.14	52	52	1990	O
2017	ALLSTON WAY	SHATTUCK AVE	OXFORD ST	R	RECONSTRUCT	144223		4	D	0.11	11	16	1992	O
2017	AVENIDA DR	CAMPUS DR	OLYMPUS AVE	R	SURFACE SEAL	52709		6	C	0.06	13	19	1993	O
2017	AVENIDA DR	OLYMPUS AVE	QUEENS RD	R	SURFACE SEAL	767		6	C	0.03	72	72	1993	O
2017	BERRYMAN ST	MARTIN LUTHER KING JR HI	SCHMARTIN LUTHER KING JR WAY	R	SURFACE SEAL	1562		5	B	0.03	69	69	1989	O
2017	BERRYMAN ST	MARTIN LUTHER KING JR WAY	MILVIA ST	R	SURFACE SEAL	9760		5	B	0.19	71	71	1989	O
2017	BRET HARTE RD	KEITH AVE	CRAGMONT AVE	R	SURFACE SEAL	55791		6	D	0.06	44	44	1996	R
2017	BRET HARTE RD	CRAGMONT AVE	KEELER RD	R	SURFACE SEAL	3457		6	D	0.14	65	65	1996	R

NOTE: COLUMN P DENOTES PRESENCE OF (A) BICYCLE BOULEVARD, (B) BIKEWAY, (C) BUS ROUTE, OR (D) NONE

5-YEAR STREET PAVING PLAN

FISCAL YEAR	STREET NAME	FROM	TO	CLASS	TREATMENT	ESTIMATED COST	GREEN INFRA	DISTRICT	P	MILEAGE	SCORECARD RANK	PCI	LAST PAVED TYPE
2017	CAMPUS DR	GLENDAL AVE	DELMAR AVE	R	SURFACE SEAL	54300		6	C	0.21		49	1991 O
2017	CAMPUS DR	DELMAR AVE	AVENIDA DRIVE	R	SURFACE SEAL	23586		6	C	0.10		59	1994 R
2017	CENTER ST	MARTIN LUTHER KING JR WAY	MILVIA ST	R	OVERLAY	69521	*	4	C	0.13		45	1991 O
2017	CENTER ST	MILVIA ST	SHATTUCK AVE	R	RECONSTRUCT	304434		4	B	0.14	4	32	1991 O
2017	CHANNING WAY	SACRAMENTO ST	ROOSEVELT AVE	R	RECONSTRUCT	472631		4	A	0.31	7	29	1995 O
2017	CHANNING WAY	ROOSEVELT AVE	MARTIN LUTHER KING JR WAY	R	RECONSTRUCT	275000		4	A	0.19	7	16	1991 O
2017	CHANNING WAY	MARTIN LUTHER KING JR WAY	MILVIA ST	R	RECONSTRUCT	189778		4	A	0.13	7	26	1991 O
2017	CHANNING WAY	MILVIA ST	SHATTUCK AVE	R	RECONSTRUCT	207141		4	A	0.13	7	29	1991 O
2017	CORNELL AVE	GILMAN ST	PAGE ST	R	SURFACE SEAL	56934		1	B	0.19		68	1988 O
2017	CORNELL AVE	PAGE ST	HOPKINS ST	R	SURFACE SEAL	47213		1	B	0.13		58	1995 O
2017	CRAGMONT AVE	MARIN AVE	SANTA BARBARA RD	R	SURFACE SEAL	213105		6	D	0.21		40	1992 R
2017	CRAGMONT AVE	SANTA BARBARA RD	EUCLID AVE	R	SURFACE SEAL	5100		6	D	0.16		74	1996 R
2017	CRAGMONT AVE	EUCLID AVE	BRET HARTIE RD	R	SURFACE SEAL	7700		6	B	0.27		64	1996 R
2017	CRAGMONT AVE	BRET HARTIE RD	SHASTA RD	R	SURFACE SEAL	9252		6	B	0.31		71	1996 R
2017	EUCLID AVE	CRAGMONT AVE	BEG OF DIVIDED ROAD	R	SURFACE SEAL	7226		6	B	0.12		80	2001 R
2017	EUCLID AVE (NB)	BEG OF DIVIDED ROAD	END OF DIVIDED ROAD	R	SURFACE SEAL	4148		6	B	0.16		73	2001 O
2017	EUCLID AVE (SB)	BEG OF DIVIDED ROAD	END OF DIVIDED ROAD	R	SURFACE SEAL	7102		6	B	0.16		80	2001 O
2017	EUCLID AVE	END OF DIVIDED ROAD	EUNICE ST	R	SURFACE SEAL	10960		6	B	0.17		85	2001 R
2017	FLORIDA AVE	SANTA BARBARA RD	BOYNTON AVE	R	SURFACE SEAL	12726		5	D	0.05		79	1993 R
2017	FLORIDA AVE	BOYNTON AVE	DEAD END (FLORIDA WALK)	R	SURFACE SEAL	33531		5	D	0.03	13	40	1993 O
2017	FOLGER	3RD ST	HOLLIS	R	RECONSTRUCT	205334		2	D	0.12	11	13	-
2017	HEARST AVE	HIGHLAND PL	DEAD END	R	SURFACE SEAL	873		6	D	0.03		54	-
2017	HOPKINS ST	GILMAN ST	SACRAMENTO ST	R	RECONSTRUCT	137653		5	B	0.10	7	19	2002 O
2017	JONES ST	6TH ST	SAN PABLO AVE	R	SURFACE SEAL	123090		1	D	0.31		48	1995 O
2017	JONES ST	SAN PABLO AVE	STANNAGE AVE	R	SURFACE SEAL	37673		1	D	0.10		50	1986 O
2017	JOSEPHINE ST	HOPKINS ST	ROSE ST	R	SURFACE SEAL	88133		5	B	0.24		64	1997 O
2017	MURRAY	7TH ST	SAN PABLO AVE	R	RECONSTRUCT	262564		2	D	0.25	6	4	-
2017	PAGE ST	6TH ST	10TH ST	R	SURFACE SEAL	11184		1	D	0.25		73	1989 O
2017	PAGE ST	4TH ST	6TH ST	R	SURFACE SEAL	5181		1	D	0.12		69	1989 O
2017	PARKER ST	SACRAMENTO ST	MARTIN LUTHER KING JR WAY	R	SURFACE SEAL	24986		3	B	0.48		78	1989 O
2017	SAN PEDRO AVE	COLUSA AVE	THE ALAMEDA	R	SURFACE SEAL	208542		5	D	0.20		17	1993 O
2017	SOMERSET PL	SOUTHAMPTON AVE	DEAD END (JOHN HINKEL PARK)	R	SURFACE SEAL	71424		5	D	0.08		23	2000 O
2017	SONOMA AVE	WEST CITY LIMIT (TULARE AVE)	JOSEPHINE ST	R	SURFACE SEAL	165827		5	B	0.37		60	1990 O
2017	SOUTHAMPTON AVE	ARLINGTON AVE	SAN LUIS RD	R	SURFACE SEAL	78237		5	D	0.39		75	2000 O
2017	SPRUCE ST	ROSE ST	VINE ST	R	SURFACE SEAL	199833		56	B	0.13	10	36	1995 O
2017	THE ALAMEDA	CAPISTRANO AVE	TACOMA AVE	R	SURFACE SEAL	16739		5	B	0.05		65	2002 O
2017	VASSAR AVE	NORTH CITY LIMIT (KENTUCKY)	KENTUCKY AVE	R	SURFACE SEAL	71995		5	D	0.07	13	38	1999 R
2017	VASSAR AVE	KENTUCKY AVE	SPRUCE ST	R	SURFACE SEAL	54505		5	D	0.22		53	1999 R
2017	VINCENTE AVE	NORTH END (VINCENTE WALK)	THOUSAND OAKS BLVD	R	SURFACE SEAL	69788		5	D	0.27		59	1999 R
2017	VINCENTE AVE	THOUSAND OAKS BLVD	COLUSA AVE	R	SURFACE SEAL	56382		5	D	0.22		57	1999 R
2017	VINCENTE AVE	COLUSA AVE	PERALTA AVE	R	SURFACE SEAL	52884		5	D	0.19		63	1999 R

NOTE: COLUMN P DENOTES PRESENCE OF (A) BICYCLE BOULEVARD, (B) BIKEWAY, (C) BUS ROUTE, OR (D) NONE

5-YEAR STREET PAVING PLAN

FISCAL YEAR	STREET NAME	FROM	TO	CLASS	TREATMENT	ESTIMATED COST	GREEN INFRA	DISTRICT	P	MILEAGE	SCORECARD RANK	PCI	LAST PAVED	LAST TYPE
2017	WHITNEY ST	WOOLSEY ST	SOUTH CITY LIMIT	R	SURFACE SEAL	10622		3	D	0.02	62	-	-	-
2017	WOOLSEY ST	ADELINE ST	TREMONT ST	R	SURFACE SEAL	6832	*	3	B	0.11	64	1995	O	O
2017	WOOLSEY ST	TREMONT ST	TELEGRAPH AVE	R	SURFACE SEAL	198476	*	37	B	0.43	62	1995	O	O

FISCAL YEAR 2017 TOTALS

	MILEAGE	ESTIMATED COST	% COST	% MILEAGE	
Total Estimated Cost and Miles					13.80 miles
ARTERIALS	1.97	\$4,025,200	37%	14%	1
COLLECTORS	2.29	\$1,960,866	18%	17%	2
RESIDENTIALS	9.54	\$4,909,146	45%	69%	3
SURFACE SEALS	8.28	\$2,278,174			4
OVERLAYS	1.65	\$869,425			5
RECONSTRUCTS	3.87	\$7,747,613			6
PCC STREETS	0.00	\$0			7
BIKEWAYS	3.63	\$4,336,511	40%		8
					<u>13.80</u>

NOTE: COLUMN P DENOTES PRESENCE OF (A) BICYCLE BOULEVARD, (B) BIKEWAY, (C) BUS ROUTE, OR (D) NONE

Revision Date: October 2015

5-YEAR STREET PAVING PLAN

FISCAL YEAR	STREET NAME	FROM	TO	CLASS	TREATMENT	ESTIMATED COST	GREEN INFRA	DISTRICT	P	MILEAGE	SCORECARD RANK	PCI	LAST PAVED	TYPE
2018	COLLEGE AVE	DWIGHT WAY	DERBY ST	A	SURFACE SEAL	27036		78	C	0.52	67	2000	R	
2018	COLLEGE AVE	DERBY ST	ASHBY AVE	A	SURFACE SEAL	18056		8	C	0.35	65	2000	R	
2018	COLLEGE AVE	ASHBY AVE	SOUTH CITY LIMIT (ALCATRAZ)	A	SURFACE SEAL	21033		78	C	0.41	67	2000	R	
2018	DWIGHT WAY	SACRAMENTO ST	MARTIN LUTHER KING JR WAY	A	RECONSTRUCT	704973	*	34	C	0.50	10	33	1998	O
2018	DWIGHT WAY	MARTIN LUTHER KING JR WAY	MILVIA ST	A	SURFACE SEAL	6491		34	C	0.13	76	1998	O	
2018	DWIGHT WAY	MILVIA WAY	SHATTUCK AVE	A	SURFACE SEAL	7315		34	C	0.13	64	1998	O	
2018	HEARST AVE	MARTIN LUTHER KING JR WAY	MILVIA ST	A	SURFACE SEAL	6176		4	B	0.13	66	1997	R	
2018	HOPKINS ST	SACRAMENTO ST	HOPKINS CT	A	SURFACE SEAL	1790		5	B	0.04	76	2002	O	
2018	OXFORD ST	UNIVERSITY AVE	ADDISON ST	A	SURFACE SEAL	5694		47	B	0.07	82	2002	R	
2018	SACRAMENTO ST	HOPKINS ST	ROSE ST	A	SURFACE SEAL	7701		15	D	0.15	77	1989	R	
2018	TELEGRAPH AVE	DWIGHT WAY	WARD ST	A	RECONSTRUCT	1163283		7	B	0.33	2	39	2002	O
2018	TELEGRAPH AVE	WARD ST	ASHBY AVE	A	RECONSTRUCT	1034448		7	B	0.30	2	33	2002	O
2018	COLUSA AVE	SOLANO AVE	MARIN AVE	C	SURFACE SEAL	8865		5	B	0.13	72	1989	R	
2018	COLUSA AVE	MARIN AVE	MONTEREY AVE	C	SURFACE SEAL	10850		5	B	0.16	61	1986	O	
2018	HOPKINS ST	HOPKINS CT	MONTEREY AVE	C	SURFACE SEAL	2237		5	B	0.05	74	2002	O	
2018	UNIVERSITY AVE	MARINA BLVD	WEST FRONTAGE RD	C	RECONSTRUCT	1300000		12	B	0.30	1	1989	O	
2018	ARDEN RD	MOSSWOOD RD	PANORAMIC WAY	R	RECONSTRUCT	69896		8	D	0.12	8	17	-	-
2018	CANYON RD	PANORAMIC WAY	RIM RD (UC CAMPUS)	R	OVERLAY	18725		8	B	0.05	48	1993	R	
2018	CANYON RD	RIM RD (UC CAMPUS)	DEAD END	R	RECONSTRUCT	66803		8	D	0.11	12	0	-	-
2018	CARLETON ST	MILVIA ST	FULTON ST	R	SURFACE SEAL	14006		3	D	0.27	74	1989	O	
2018	DERBY ST	MARTIN LUTHER KING JR WAY	MILVIA ST	R	SURFACE SEAL	7800		3	D	0.13	90	1992	O	
2018	DERBY ST	MILVIA ST	FULTON ST	R	RECONSTRUCT	466813		3	D	0.28	11	9	1992	O
2018	DERBY ST	TELEGRAPH AVE	TELEGRAPH AVE	R	RECONSTRUCT	448250		37	B	0.31	7	10	1992	O
2018	DWIGHT WAY	PANORAMIC WAY	HILLEGASS AVE	R	RECONSTRUCT	236500	*	7	D	0.16	4	12	1997	O
2018	FULTON ST	PARKER ST	STUART ST	R	SURFACE SEAL	760		8	D	0.02	78	-	-	-
2018	HILLEGASS AVE	DWIGHT WAY	ASHBY AVE	R	SURFACE SEAL	12864		3	B	0.25	62	1992	O	
2018	HOPKINS ST	SAN PABLO AVE	STANNAGE AVE	R	SURFACE SEAL	31232		78	A	0.61	82	2000	R	
2018	HOPKINS ST	STANNAGE AVE	NORTHSHORE AVE	R	SURFACE SEAL	5423		1	D	0.09	76	2002	O	
2018	HOPKINS ST	NORTHSHORE AVE	PERALTA AVE	R	SURFACE SEAL	9923		1	D	0.17	79	2002	O	
2018	MAGNOLIA ST	ASHBY AVE	GILMAN ST	R	SURFACE SEAL	4876		15	B	0.27	83	2002	O	
2018	MILVIA ST	BLAKE ST	RUSSELL ST	R	SURFACE SEAL	12902		8	D	0.13	79	2002	O	
2018	MOSSWOOD RD	PANORAMIC WAY	DEAD END	R	RECONSTRUCT	643500		3	A	0.44	7	22	1993	O
2018	PANORAMIC WAY	CANYON RD	1ST TURN	R	RECONSTRUCT	91667		8	D	0.15	8	15	-	-
2018	PANORAMIC WAY	1ST TURN	ARDEN RD	R	RECONSTRUCT	87007		8	D	0.13	8	13	1998	O
2018	PANORAMIC WAY	ARDEN RD	EAST CITY LIMIT	R	RECONSTRUCT	152129		8	D	0.23	8	32	-	-
2018	PROSPECT ST	UC CAMPUS	HILLSIDE AVE	R	RECONSTRUCT	194219		8	D	0.32	8	10	-	-
2018	WALKER ST	DERBY ST	WARD ST	R	OVERLAY	195250		8	B	0.13	9	16	1993	O
				R	OVERLAY	13089		3	D	0.06	56	-	-	-

NOTE: COLUMN P DENOTES PRESENCE OF (A) BICYCLE BOULEVARD, (B) BIKEWAY, (C) BUS ROUTE, OR (D) NONE

5-YEAR STREET PAVING PLAN

FISCAL YEAR	STREET NAME	FROM	TO	CLASS	TREATMENT	ESTIMATED COST	GREEN INFRA	DISTRICT	P	MILEAGE	SCORECARD RANK	PCI	LAST PAVED	TYPE
2018	WARD ST	SAN PABLO AVE	ACTON ST	R	RECONSTRUCT	455950	*	2	B	0.31	11	21	1991	O
2018	WARD ST	FULTON ST	ELLSWORTH ST	R	RECONSTRUCT	181500		3	D	0.13	11	10	1992	O
2018	WARD ST	ELLSWORTH ST	TELEGRAPH AVE	R	RECONSTRUCT	242000		7	D	0.17	11	10	1992	O

FISCAL YEAR 2018 TOTALS

	MILEAGE	ESTIMATED COST	% COST	% MILEAGE	
Total Estimated Cost and Miles					8.83 miles
ARTERIALS	3.05	\$3,003,976	38%	35%	1
COLLECTORS	0.64	\$1,321,952	17%	7%	2
RESIDENTIALS	5.14	\$3,667,379	46%	58%	3
SURFACE SEALS	4.30	\$227,325.00			4
OVERLAYS	0.11	\$31,814.00			5
RECONSTRUCTS	4.41	\$7,734,168.00			6
PCC STREETS	0.00	\$0			7
BIKEWAYS	3.88	\$5,351,996.00	67%		8
					<u>8.83</u>

NOTE: COLUMN P DENOTES PRESENCE OF (A) BICYCLE BOULEVARD, (B) BIKEWAY, (C) BUS ROUTE, OR (D) NONE

Revision Date: October 2015

5-YEAR STREET PAVING PLAN

FISCAL YEAR	STREET NAME	FROM	TO	CLASS	TREATMENT	ESTIMATED COST	GREEN INFRA	DISTRICT	P	MILEAGE	SCORECARD RANK	PCI	LAST PAVED	TYPE
2019	COLUSA AVE	NORTH CITY LIMIT (VISALIA)	SOLANO AVE	C	RECONSTRUCT	1217946	*	5	B	0.88		24	1986	O
2019	DELAWARE ST	SAN PABLO AVE	ACTION ST	C	RECONSTRUCT	1174437		1	B	0.46		23	1992	O
2019	DELAWARE ST	ACTION ST	SACRAMENTO ST	C	SURFACE SEAL	8294		1	B	0.13		68	1997	O
2019	VIRGINIA ST	SACRAMENTO ST	MC GEE AVE	C	OVERLAY	102556		1	A	0.24		48	1997	O
2019	VIRGINIA ST	MC GEE AVE	GRANT ST	C	SURFACE SEAL	6491	*	1	A	0.13		65	1995	O
2019	CALIFORNIA ST	HOPKINS ST	ADA ST	R	SURFACE SEAL	3555	*	5	A	0.07		75	2003	O
2019	CALIFORNIA ST	ADA ST	CEDAR ST	R	SURFACE SEAL	17141	*	15	A	0.27		81	2003	O
2019	CALIFORNIA ST	CEDAR ST	OHLONE PARK	R	SURFACE SEAL	16568		1	A	0.28		81	1997	O
2019	CALIFORNIA ST	HEARST AVE	UNIVERSITY AVE	R	OVERLAY	58775		1	A	0.11		49	1997	O
2019	CATALINA AVE	COLUSA AVE	THE ALAMEDA	R	RECONSTRUCT	202125		5	D	0.19		14	1993	O
2019	CHESTNUT ST	CEDAR ST	VIRGINIA ST	R	OVERLAY	52987		1	D	0.12		54	1994	O
2019	CHESTNUT ST	VIRGINIA ST	UNIVERSITY AVE	R	OVERLAY	120852		1	B	0.31		46	1998	O
2019	CURTIS ST	CEDAR ST	VIRGINIA ST	R	RECONSTRUCT	151250		1	D	0.13		15	1992	O
2019	CURTIS ST	VIRGINIA ST	UNIVERSITY AVE	R	OVERLAY	113647		1	B	0.31		69	2004	O
2019	FRESNO ST	SOLANO AVE	MARIN AVE	R	OVERLAY	69314		5	D	0.17		47	1995	R
2019	FRESNO ST	MARIN AVE	SONOMA AVE	R	OVERLAY	97726		5	D	0.25		48	1998	O
2019	MILVIA ST	ROSE ST	CEDAR ST	R	RECONSTRUCT	298708		45	A	0.25		37	1992	O
2019	RIDGE RD	LA LOMA AVE	HIGHLAND PL	R	RECONSTRUCT	93500		6	D	0.06		9	-	-
2019	STATION PL	CATALINA AVE	DEAD END	R	RECONSTRUCT	54542		5	D	0.04		5	-	-
2019	VIRGINIA ST	SHATTUCK AVE	SPRUCE ST	R	OVERLAY	68320	*	4	A	0.19		63	2002	O
2019	VIRGINIA ST	ARCH ST	EUCLID AVE	R	SURFACE SEAL	10346		6	A	0.20		83	2002	O
2019	VIRGINIA ST	EUCLID AVE	LA LOMA AVE	R	SURFACE SEAL	7158		6	A	0.15		75	2002	O
2019	GREEN INFRASTRUCTURE					250000								

FISCAL YEAR 2019 TOTALS

Total Estimated Cost and Miles	MILEAGE	ESTIMATED COST	% COST	% MILEAGE	4.72 miles
ARTERIALS	0.00	\$0	0%	0%	2.35
COLLECTORS	1.63	\$2,509,724	60%	35%	0.00
RESIDENTIALS	3.09	\$1,436,514	34%	65%	0.00
SURFACE SEALS	1.21	\$69,553.00			0.32
OVERLAYS	1.70	\$684,177.00			1.65
RECONSTRUCTS	1.81	\$3,192,508.00			0.41
PCC STREETS	0.00	\$0			0.00
BIKEWAYS	3.76	\$3,224,794.00	77%		4.72

NOTE: COLUMN P DENOTES PRESENCE OF (A) BICYCLE BOULEVARD, (B) BIKEWAY, (C) BUS ROUTE, OR (D) NONE

5-YEAR STREET PAVING PLAN

FISCAL YEAR	STREET NAME	FROM	TO	CLASS	TREATMENT	ESTIMATED COST	GREEN INFRA	DISTRICT	P	MILEAGE	SCORECARD RANK	PCI	LAST PAVED	TYPE
2020	HASTE ST	SHATTUCK AVE	FULTON ST	A	OVERLAY	201036	*	4	D	0.11		22	1993	O
2020	HASTE ST	FULTON ST	BOWDITCH ST	A	OVERLAY	245012	*	47	D	0.51		42	1993	O
2020	HASTE ST	BOWDITCH ST	COLLEGE AVE	A	RECONSTRUCT	239198	*	7	D	0.13		49	1993	O
2020	HASTE ST	COLLEGE AVE	PIEDMONT AVE	A	OVERLAY	55087		8	D	0.12		49	1993	O
2020	CLAREMONT AVE	ASHBY AVE	SOUTH CITY LIMIT (ALCATRAZ)	C	OVERLAY	422020		8	C	0.57		59	1994	O
2020	TELEGRAPH AVE	BANCROFT WAY	DWIGHT WAY	C	OVERLAY	97739		7	B	0.25		45	1988	O
2020	BOWDITCH ST	BANCROFT WAY	DURANT AVE	R	RECONSTRUCT	90750		7	B	0.06		1	1990	O
2020	BOWDITCH ST	DURANT AVE	HASTE ST	R	RECONSTRUCT	171417		7	B	0.13		10	1990	O
2020	BOWDITCH ST	HASTE ST	DWIGHT WAY	R	OVERLAY	21294		7	B	0.06		68	1988	O
2020	CALIFORNIA ST	OREGON ST	ASHBY AVE	R	OVERLAY	82682		3	A	0.18		45	1994	O
2020	DANA ST	BANCROFT WAY	DWIGHT WAY	R	OVERLAY	98472		7	B	0.25		43	1989	O
2020	DERBY ST	SACRAMENTO ST	MARTIN LUTHER KING JR WAY	R	RECONSTRUCT	754255		3	D	0.48		24	1992	O
2020	ETON CT	CLAREMONT AVE	DEAD END	R	RECONSTRUCT	28646		8	D	0.03	11	24		
2020	PARKER ST	SAN PABLO AVE	MATHEWS ST	R	OVERLAY	41776		2	B	0.11		40	1993	O
2020	PARKER ST	MATHEWS ST	MABEL ST	R	RECONSTRUCT	168280		2	B	0.11		23	1991	O
2020	PARKER ST	MABEL ST	SACRAMENTO ST	R	RECONSTRUCT	396660		2	B	0.25		23	1991	O
2020	ROANOKE RD	THE UPLANDS	SOUTH CITY LIMIT	R	RECONSTRUCT	63761		8	D	0.06		22		
2020	THE UPLANDS	CLAREMONT AVE	HILLCREST RD	R	SURFACE SEAL	16056		8	B	0.40		74	1993	R
2020	THE UPLANDS	HILLCREST RD	EL CAMINO REAL	R	OVERLAY	43871		8	B	0.12		56	1994	O
2020	THE UPLANDS	EL CAMINO REAL	TUNNEL RD	R	SURFACE SEAL	7104		8	B	0.20		76	1994	R
2020	WARD ST	ACTON ST	SACRAMENTO ST	R	RECONSTRUCT	199925		2	D	0.14		24	1993	O
2020	WOOLSEY ST	HILLEGASS AVE	COLLEGE AVE	R	RECONSTRUCT	169554		7	B	0.11		19		
2020	WOOLSEY ST	COLLEGE AVE	CLAREMONT AVE	R	RECONSTRUCT	343750	*	8	B	0.24		10		
2020	GREEN INFRASTRUCTURE					250000								

FISCAL YEAR 2020 TOTALS

	MILEAGE	ESTIMATED COST	% COST	% MILEAGE	
Total Estimated Cost and Miles		\$4,208,345			4.60 miles
ARTERIALS	0.87	\$740,333	18%	19%	1
COLLECTORS	0.82	\$519,759	12%	18%	2
RESIDENTIALS	2.92	\$2,698,253	64%	63%	3
SURFACE SEALS	0.60	\$23,160.00			4
OVERLAYS	2.28	\$1,308,989.00			5
RECONSTRUCTS	1.72	\$2,626,196.00			6
PCC STREETS	0.00	\$0			7
BIKEWAYS	2.47	\$1,749,405.00	42%		8
					4.60

NOTE: COLUMN P DENOTES PRESENCE OF (A) BICYCLE BOULEVARD, (B) BIKEWAY, (C) BUS ROUTE, OR (D) NONE

