

# Local Street and Roads Proposed Projects List

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## PP01. Crack Sealing and Small Scale Pavement Failures Repair

- a. Project Description: When small areas of pavement are found to be in much worse condition than the majority of other pavement segments or are in areas of localized deterioration damaged by utility cuts, crossing of construction traffic, or drainage problems not representative of the remainder of the management section, they are treated with crack sealing or small scale pavement repair. These repairs must be done in a timely fashion as damaged areas of pavement grow and allow water intrusion which leads to further more large scale deterioration of the pavement. Surface repair and crack sealing are the two primary intermediary actions taken to conserve the existing conditions of pavement. Repair of small pavement failures is the most common technique, done by removing the damaged portion of the pavement to a depth that removes all deteriorated material and then filling it with gravel base material and asphalt as necessary, and compacted. Crack sealing involves cleaning the crack and then applying an asphalt emulsion to fill the crack. The goal of this project is to address deferred maintenance of local/residential streets with low Pavement Condition Indices (PCIs). These streets are often prioritized lower by the City's Pavement Management Program (PMP) due to low traffic volumes.
- b. Location(s):

Street	Beg Location	End Location	Class	Length	PCI
ALGER ST. - ALGER	N.F.CURB LAUREL 0+00	END OF ST. 5+64	R Residential/Local	564	8
EAST FIR ST. 002 - EFIR	E.F.CURB @ HWY 1 0+00	RR TRACKS	C Collector	142	44
EAST FIR ST. 002 - EFIR	RR TRACKS	W.F.CURB H FRANKLIN	C Collector	192	15
ESPEY WAY - ESPEY	S.F. CURB WALNUT ST 0+00	END OF PAVEMENT 2+58	R Residential/Local	258	3
HAZEL ST.003 - HAZEL	E.F.CURB S. McPHERSON 0+00	W.F.CURB S.HARRISON 2+95	R Residential/Local	295	16
McKINLEY ST. - McKINL	N.F. CURB OAK ST. 0+00	S.F. CURB E.ALDER ST, 4+10	R Residential/Local	410	29
MYRTLE ST. - MYRTLE	S.F. N. HARBOR DR. 0+00	S.EDGE SOUTH ST. 5+55	R Residential/Local	555	9
NORTH HAROLD ST. 001 - NHAROL	END OF PAVEMENT 0+00	N.S.DRVWY BEHIND M.SCHOOL3+16	R Residential/Local	316	10
NORTH HAROLD ST. 002 - NHAROL	N.SIDE M.S.SCH.DRVWAY 0+00	N.CURB @ FIR ST.2+85	R Residential/Local	285	8
NORTH. LINCOLN ST. - NLINCO	N.F. CURB OAK ST. 0+00	S.F. CURB CEDAR ST. 6+52	R Residential/Local	652	23
OLSEN LANE - OLSEN	S.F. CURB CHESTNUT 0+00	END OF ST. 6+52	R Residential/Local	652	7
PARK ST. 003 - PARK	END OF 002 0+00	END OF ST. 1+45	R Residential/Local	145	28
SOUTH HAROLD ST. 003 - SHAROL	S.F. CHESTNUT ST 0+00	END OF ST. @W.POWER POLE 5+00	R Residential/Local	500	29
SOUTH LINCOLN ST. - SLINCO	N.F. CURB CHESTNUT ST	MAPLE ST	C Collector	1069	53
SPRING ST. - SPRING	S.F. CURB CHESTNUT ST 0+00	END OF PAVEMENT 5+04	R Residential/Local	504	7
WALNUT ST. 002 - WALNUT	WHIPPLE	E.F.CURB S.FRANKLIN ST. 8+40	R Residential/Local	1041	25
WEST ALDER ST. - WALDER	W.P.L. N. COAST PLMB. 0+00	W.F. HWY1 1+50	R Residential/Local	150	10
WEST FIR ST. - WFIR	E.F.@ ALLEY 0+00	W.F. HWY1 8+25	C Collector	825	16
WEST ST. - WEST	N.F. CURB PINE ST. 0+00	S.F. CURB SPRUCE ST. 16+24	R Residential/Local	1380	23
WOODLAND DRIVE - WOODLA	S.F. CURB CHESTNUT ST. 0+00	END CULDESAC 5+55	R Residential/Local	555	95
WEST OAK ST. 001 - WOAK	W.F. CURB HWY 1 0+00	W.F. CURB HWY 1 1+85	R Residential/Local	185	23
CHIEF CELERI DR .001 -CHIEFCE	REDWOOD AVE (EAST)	N.F. CURB OAK ST	R Residential/Local	902	23
JERE MELO ST. 001 - JEREME	N.F. CURB W CYPRESS	WASTE WATER PLANT	R Residential/Local	3600	8
SOUTH HARRISON ST. 002 - SHARRI	N.F. CURB WALNUT ST. 0+00	N.F. CURB HAZEL ST. 0+00	R Residential/Local	1311	35

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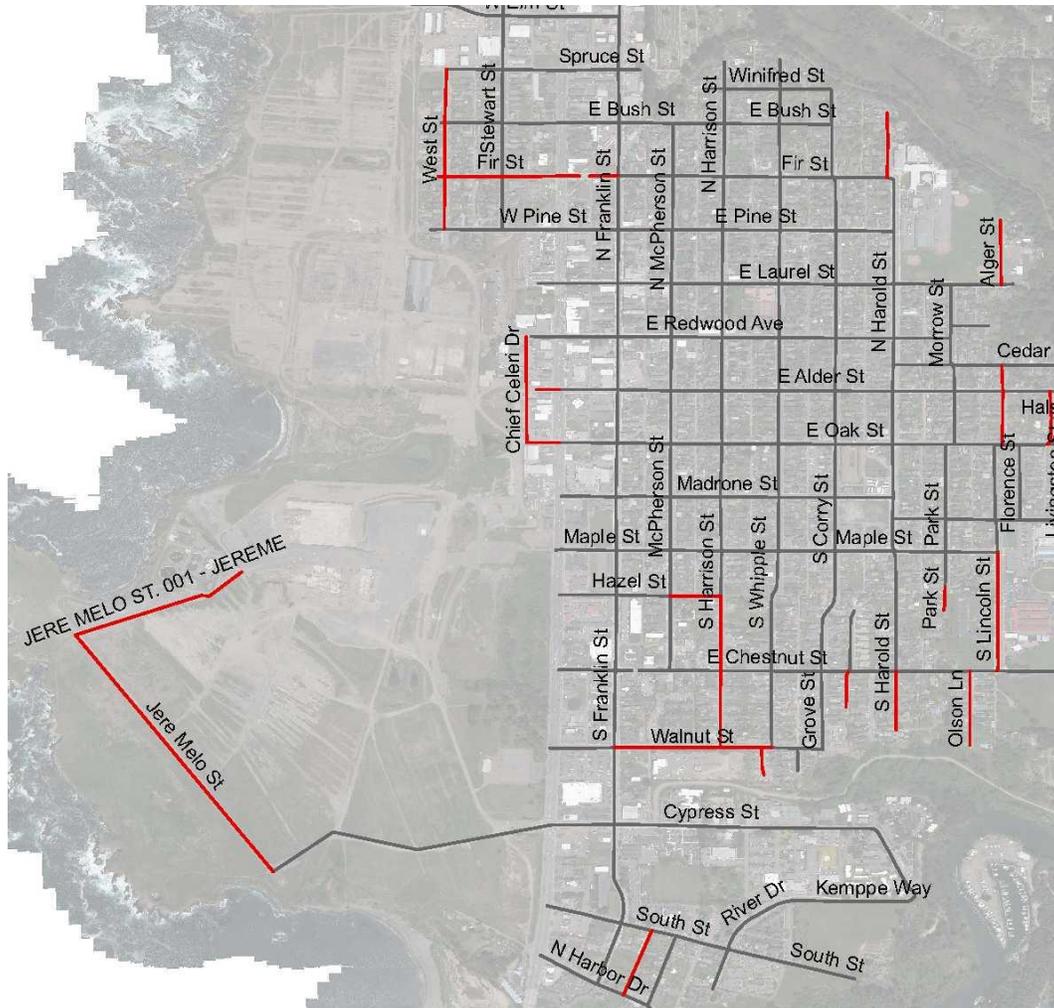


Figure 1 PP01 Maintenance

- c. Project Schedule for Completion: October 2017- September 2018
- d. Estimated Useful Life: Depending on the weather, the materials used, the pavement conditions and the nature of the repair, this project will produce repairs lasting from two to ten years.

## PP02. Surface/Sub-Surface Drainage Facilities Maintenance

- a. Project Description: Failing surface/sub-surface drainage facilities that damage overlying or adjacent pavement creates local flood risk for homeowners and business owners and/or safety concerns for pedestrians and bicycles as well as motor vehicles. Drainage management issues are caused by blockage in the storm drain pipe, by structural damage caused by storms or failures, or missing or broken grates. Surface drainage facilities include curb and gutters, valley gutters, and other Low Impact Development (LID) improvements. Sub-surface facilities are the pipes, inlets, and outfalls. Failing drainage infrastructure is repaired by first removing the

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underlying problem or obstruction, repairing or replacing infrastructure as necessary, and replacing adjacent/overlying street improvements.

b. Location(s):

Street/Line	Beg Location	End Location	Length (ft)
Maple	Park	S Harold	503
Intersection	Redwood	Corry	108
Winifred	N Harrison	W End of Street	209
Hocker Ln	S End of Hocker	Oak St Intersection	495
Intersection	Laurel	E Redwood	141

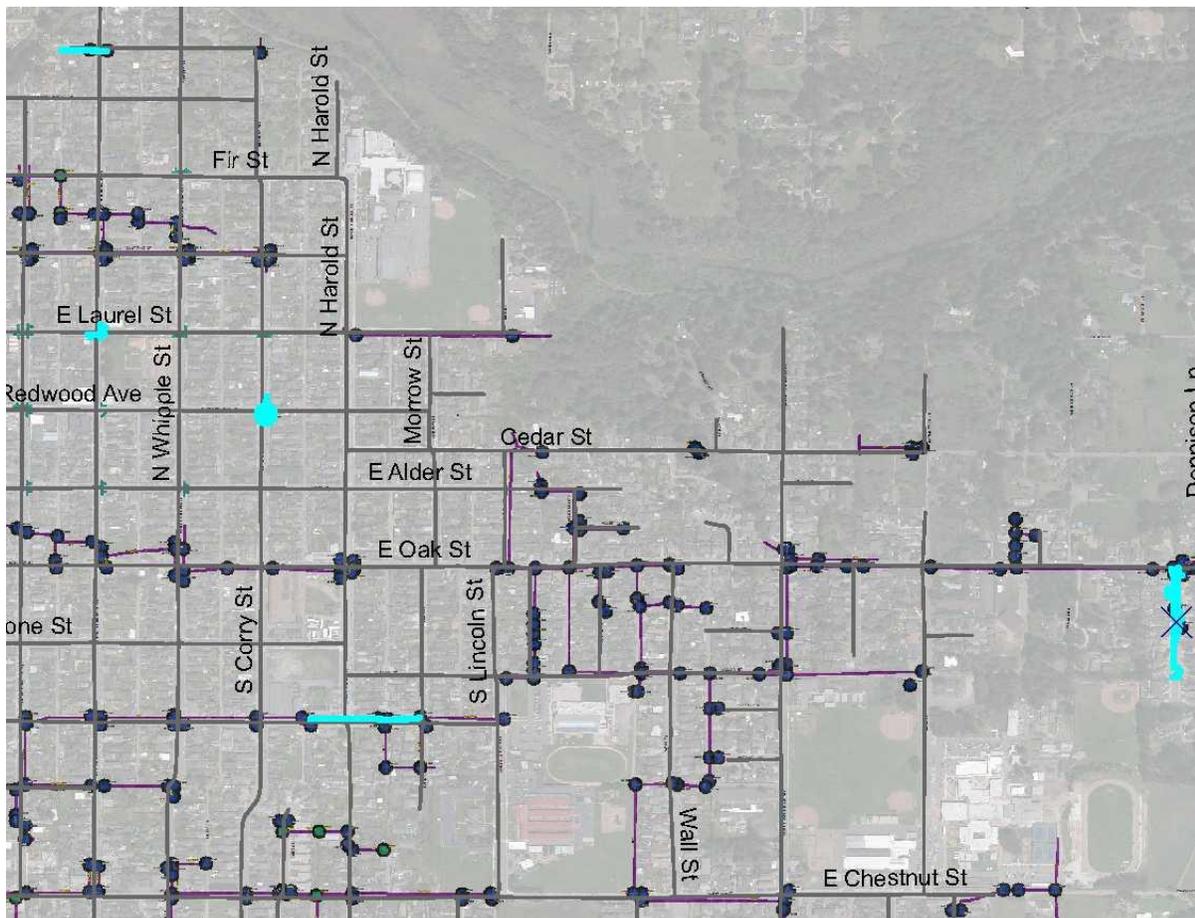


Figure 2 PP02 Drainage

- c. Project Schedule for Completion: October 2017- September 2018
- d. Estimated Useful Life: Drainage facility improvements will last 10 to 30 years.

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## PP03. Traffic Control Devices (signage, striping, & pavement markings)

- a. Project Description: striping, crosswalks, curb markings, signage, and other traffic control devices provide cost-effective guidance and information for the road user. These devices help reduce accidents, and direct travelers to their destinations. The City's Traffic Committee regularly receives requests for the installation/removal of signs, curb paint, street striping, and crosswalk painting. In addition to the regularly requested traffic control requests, the city's existing pavement markings are re-marked every year. Each year one-half of the City will be (north or south divided at Oak St) completely re-marked. The standards for the application of markings and delineation are set forth in the California Manual on Uniform Traffic Control Devices (Cal-MUTCD) as modified by the City standards.
- b. Location(s): This year all paint will be done in the southern portion of the City from Oak South to edge of city limit.



- c. Project Schedule for Completion: March 2018 - September 2018
- d. Estimated Useful Life: Epoxy paints last one to two years and thermoplastics last three to four years. Signs and other pavement markings last up to 10 years.