

ANNUAL ROAD MAINTENANCE PLAN

MONTEREY COUNTY RMA – PUBLIC WORKS



NARRATIVE

INTRODUCTION

The Monterey County Annual Road Maintenance Plan (Annual Plan) is intended to provide a more detailed description of the major maintenance activities that will be performed on the County's transportation system and the funding expended in Fiscal Year (FY) 2014-15.

The FY 2014-15 Annual Plan is the initial version of this document and it is the intent of the Resource Management Agency - Public Works (RMA-PW) to refine and expand this Annual Plan so that it becomes a document that clearly demonstrates to the citizens of Monterey County the services that they will be receiving for the funding that they are providing.

This Annual Plan is not a budget document and it not intended to delineate all maintenance activities and funding. For example, work related to cleaning of roadside ditches, tree trimming, culvert replacement, emergency response, and other services are not included. This was done for several reasons. First, there were not adequate staff resources available to define service levels for all infrastructure categories and maintenance activities. Second, there was not sufficient detailed budget information available to quantify the planned work effort. As future versions of this Annual Plan are developed, more maintenance services will be listed along with the anticipated work effort.

In addition, future versions of this Annual Plan will include infrastructure inventory and condition assessment information to put into context the anticipated work effort against the overall maintenance needs on the County's transportation system.

For clarity, when this document refers to County roads, it means public roads within the unincorporated areas of Monterey County.

MAINTENANCE ACTIVITIES

Guardrails

The RMA - PW is responsible for installing, maintaining, repairing, and upgrading of guardrails along County roads. Public Works staff is in the process of developing an inventory and condition assessment of guardrails on County roads. Currently, the location and lengths of each guardrail segment are known. The next step will be to develop a condition assessment and priority list for repair and replacement.

Unfortunately, there is no funding for a guardrail maintenance program in FY 2014-15. However, resources will be provided on an as needed basis to address hazardous situations that

result from vehicle damage or other causes. If funding is available in FY 2015-16, a guardrail maintenance program will be started.

Bridge Maintenance

The County has 174 bridges in its inventory. Caltrans inspects 139 bridges that are 20 feet or longer. The remaining 35 bridges are inspected by Public Works staff. Bridge inspections are performed on a regular basis with inspection intervals dependent on age, type, location, seismic vulnerability, and undermining potential.

Most County bridges are constructed with reinforced concrete; some with a composite of reinforced concrete supported by structural steel; and a few are constructed from battleship hatch covers.

The RMA - PW has a Bridge Maintenance crew specifically assigned to bridge maintenance activities. This dedicated crew will be performing the maintenance activities that are listed in this Annual Plan for each bridge identified. These maintenance activities include debris removal, mowing, weeding, sweeping, pavement repairs, concrete repairs, painting and graffiti removal.

Striping/Markings/Signs

The RMA - PW is responsible for maintaining signs along County roads and the striping and markings on those same roads. The County has 12,954 signs, 2,778 miles of striping, and 1,550 markings.

The RMA - PW has a Traffic Maintenance crew whose primary responsibility is maintaining this portion of the County's infrastructure. This crew also responds to reports of vandalism, signs knocked down or stolen, and placement of temporary signs during emergencies to warn the public about such things as road closures due to flooding.

Long line striping has been identified as the most challenging maintenance issue. The County-owned striper is 20 years old and needs replacement but sufficient funding is currently not available.

An annual maintenance program is being developed to create a balanced approach that includes work by both Public Works staff and contractors. As noted later in this document, long line striping is being contracted for through the use of an alternate funding source.

This Annual Plan includes work essentially for the on-call services related to response to reports of vandalism, sign knock downs, emergencies, and other similar work. Once a maintenance

program is developed, a more definitive list of activities will be included in next year's Annual Plan.

Shoulder Grading

Unlike urban areas, the vast majority of County roads have no curb, gutter, and sidewalk. County roads have a paved surface, a gravel or dirt area adjacent to the paved surface known as a shoulder and a roadside ditch used to convey storm water runoff.

Shoulders provide lateral structural support to a road; direct and convey storm drainage to a roadside ditch, and provide a refuge area for disabled vehicles. Gravel and dirt shoulders require periodic maintenance to restore their shape and function. A typical problem that develops on shoulders is that the surface does not meet the edge of the roadway. If the shoulder is too high, the road will not drain properly and if the shoulder is too low, a drop-off condition can result. Reshaping of a shoulder is a routine maintenance activity performed by Public Works staff using motor graders, loaders, trucks and compactors.

This Annual Plan contains a listing of the Shoulder Grading that will be performed in FY 2014-15 by Supervisory District and road.

Dirt Road Grading

Monterey County's transportation system consists of paved roads and dirt roads. There are 124.5 miles of dirt roads in the County's transportation system.

Dirt roads by their very nature are susceptible to potholes, ruts, and erosion. Grading the road's surface is a common way to restore a smooth riding surface and direct storm water runoff to roadside ditches. Dirt road grading requires that moisture be present in the road surface so grading activities are restricted to the spring and winter months of the year.

This Annual Plan contains a listing of the Dirt Road Grading that will be performed in FY 2014-15 by Supervisory District and road.

Culvert Cleaning

Culverts are an essential part of the storm water collection and conveyance system for County roads. Culverts are essentially pipes that allow storm water runoff to pass under roads. Over time, these culverts can become clogged with dirt and debris such as brush and tree limbs so periodic cleaning is necessary to insure that proper drainage is maintained.

The RMA - PW has an inventory that includes all 6,103 culverts on County roads and this Annual Plan contains a listing of the culverts that will be cleaned in FY 2014-15.

Mowing

A standard maintenance practice on County roads is to mow the areas adjacent to the roadway. Mowing is conducted for a number of reasons including aesthetics, visibility, and fire prevention.

Mowing operations are conducted by Public Works crews and consumes most of the spring and summer months, the activity is often required again in the fall and winter months. Mowing involves as many as 10 roadside mowing tractors, and up to 20 personnel in the field on a County-wide rotational schedule. Weather patterns and rainfall dictate the mowing season; high rainfall increases vegetation growth and low rainfall creates dry conditions and fire hazards, both of which determine mowing needs and scheduling. Unusual weather events such as drought and El Nino/La Nina events, can cause extensive effort to maintain roadside vegetation and have significant fiscal impacts on this activity.

The mowing activities in each Supervisory District are listed by roadway. It is anticipated that the mowing will be conducted twice in the areas noted during FY 2014-15.

Pothole Repair

Potholes occur on asphalt pavements subjected to a broad spectrum of traffic levels, from two-lane rural routes to multi-lane high speed roadways. Potholes are generally caused by moisture, freeze-thaw action, traffic, poor underlying support, lack of maintenance, or some combination of these factors. Pothole patching is performed by Public Works crews either as an emergency repair or as routine maintenance scheduled for warmer and drier periods.

Pavement conditions in Monterey County are highly distressed, resulting in a large number of pothole repairs. The actual location of pothole repairs in FY 2014-15 cannot be predicted, however, it has been estimated that 1,975 tons of material will be used to make pothole repairs throughout Monterey County. This estimate is based on past repair efforts and the distressed condition of pavement on County roads.

Chip Seal/Patch Preparation

Public Works crews conduct an annual \$2 million Chip Seal program on County roads. Funding for this program has been provided by the Board of Supervisors through an allocation of Transient Occupancy Tax revenue.

The RMA - PW has a pavement management program that has subdivided each County roadway into segments and each segment has a pavement condition index. There are 4,000 roadway segments in the County's inventory. This inventory and condition assessment is used to develop of list of roadways for the Chip Seal Program.

Once a roadway is included in the Chip Seal Program, it receives localized pavement repairs to resolve structural issues. This is known as patch preparation or patch prep. This activity occurs in the spring of each year. Then, during the summer of that same calendar year, the roadway receives a Chip Seal. Since these distinct phases occur in different fiscal years. The Annual Plan lists the roadways that will be Chip Sealed in the summer and roadways that will receive patch paving in the following spring. The roadways receiving the patch paving will then be included in the next Annual Plan for a Chip Seal.

The Chip Seal program is a preventative maintenance function and is based on the principle that pavement life can be extended significantly through periodic maintenance using low-cost treatments. Unfortunately, the need for pavement maintenance exceeds the resources available and not all roadways that would be eligible for a Chip Seal will receive it. The RMA - PW is committed to finding more resources to improve the pavement condition on County roads.

This Annual Plan includes a listing, by Supervisory District, of those roads that will receive a Chip Seal during the summer of 2014 along with a list of the roads that will receive patch preparation in the spring of 2015.

Litter Abatement

Litter abatement provides for the collection and disposal of litter, debris and hazardous materials that have been illegally placed along County roads. Litter abatement is a seven-day a week operation staffed by three rotating litter guards, supplemented by non-incarcerated personnel from the County Sheriff's Work Alternative Program. The program annually removes 150-200 tons of household and industrial materials.

This program has been very successful over the years, however, increasing amounts of hazardous materials and the associated disposal costs have out-paced available funding. This Annual Plan includes estimates of the amount of resources that will be expended in each Supervisory District for Litter Abatement. This estimate is based on past experience.

Street Sweeping

Monterey County is a Phase II agency under the Federal Clean Water Act. As such, the County has been issued a National Pollutant Discharge Elimination System (NPDES) Permit from the State Water Quality Control Board that regulates storm water discharges from its storm drain systems. As part of the program to implement this permit, the County is required to sweep roadways twice per year within the area defined by the permit.

On July 1, 2013, a revised permit was issued to Monterey County that increased the permitted area and, in turn, increased the number of roadways that had to be swept. The permitted area

increased from 20 to 75 square miles and the length of roadways to be swept increased from 225 to 324 miles. Sweeping operations are to be done before the first rain in the fall and after the last rain in the spring.

At the time of the drafting of this Annual Plan, no additional funding had been identified to support this expanded regulatory requirement. If no additional funding is provided, then funds from the other maintenance activities will be shifted to street sweeping to insure compliance. Which other maintenance activities will need to be reduced has not yet been determined.

This Annual Plan does list all the streets that will be swept twice per year as required by the County's revised permit.

Requests for Service

The Maintenance Division of the RMA - PW receives service requests from the public on a daily basis related to maintenance needs on the County's transportation system. In Fiscal Year 2013-14 it is estimated that 1,800 service requests will be received for road and related infrastructure repairs. Public Works staff promptly investigates all requests and, in most cases, crews are able to correct the problem as part of the general maintenance plan.

For requests related to safety, immediate corrective action is taken. For those requests that exceed routine maintenance or would require extensive funding, projects will either be scheduled for a future maintenance cycles or not completed because no funding is available.

This Annual Plan includes an estimate of cost of the maintenance activities that will be undertaken in FY 2104-15 by Public Works crews in response to Requests for Service. This estimate is based on past experience.

Traffic Signals/Flashing Beacons/Radar Feedback Signs

The RMA - PW maintains 22 signalized intersections as well as radar feedback signs, flashing beacons, and street lighting on roads throughout the County. The majority of these are maintained by contract at an annual cost of \$75,000.

This Annual Plan identifies the location of the maintained devices by Supervisory District.

Carmel Lagoon (District 5 only)

The Resource Management Agency, which includes Public Works, is the lead agency for the management of the Carmel Lagoon and development of a long term flood control solution. Until such time as a flood control structure is constructed, Public Works crews must manage the water levels in the Lagoon based on established criteria. Activities include the annual placement of a sandbag barrier, monitoring of Lagoon water levels, excavation of a channel through the adjacent beach to allow water to flow to the ocean. Closure of the channel is

required when river flows to the Lagoon drop below 200 cubic feet per second and are forecasted to remain low.

Funding for these flood control activities is provided by the County General Fund and are included in this Annual Plan.

Coast Road (District 5 only)

Coast Road is located north of the Big Sur community, starting at the Bixby Bridge and ending at Andrew Molera State Park. It is approximately 10.6 miles long and is a very rugged and remote dirt road. During winter storm events the road will see precipitation conditions yielding 2" of rain fall in an hour. Ditch diversion, culvert diversion, debris flows, gulling, sediment loading, fallen trees, scour, and rock fall are common.

The road passes through the watersheds for the Little Sur, Big Sur, Serra and Bixby rivers. All of the rivers in this region are designated steelhead barring rivers (National registry) and prime habitat for this and other endangered species.

Public Works crews implement sediment control treatments on Coast Road along with standard dirt road maintenance on an annual basis. This Annual Plan includes this work effort and cost.

CONSTRUCTION PROJECTS

Capital Projects

The Engineering Division of the RMA - PW is responsible for the design and construction of projects that maintain, improve, and expand the County's public infrastructure. This infrastructure includes public buildings and the transportation system. While there are a number of transportation projects in various stages of development, this Annual Plan will only list those projects that will be in construction during FY 2014-15.

Striping/Markings (RSTP)

The RMA - PW is responsible for maintaining the striping on County roads. Monterey County recently received a 3-year allocation of State Regional Surface Transportation Program (RSTP) funding which will be allocated to centerline and edge line striping on the 60 miles of County roads listed in this Annual Plan. This work will be done by contract.

PROJECT FUNDING

FUNDING

FISCAL YEAR 2014-2015 ROAD MAINTENANCE BUDGET CHART BY SUPERVISORY DISTRICT

PROGRAM CATEGORY	DISTRICT 1	DISTRICT 2	DISTRICT 3	DISTRICT 4	DISTRICT 5	PROGRAM TOTAL
Maintain Miles Per Supervisory District	0.00	229.63	706.09	33.20	265.33	1,234.25
Field Staff						
Road Maintenance District 1	\$0	\$2,284,300	\$161,500	\$502,100	\$0	\$2,947,900
Road Maintenance District 2	\$0	\$13,000	\$13,000	\$290,700	\$2,674,250	\$2,990,950
Road Maintenance District 3	\$0	\$4,600	\$1,346,250	\$0	\$0	\$1,350,850
Road Maintenance District 4	\$0	\$0	\$1,606,350	\$0	\$135,450	\$1,741,800
Construction Projects	\$0	\$2,118,500	\$289,700	\$1,665,300	\$2,336,700	\$6,410,200
DISTRICT TOTALS	\$0	\$4,420,400	\$3,416,800	\$2,458,100	\$5,146,400	\$15,441,700

**SUPERVISORY
DISTRICT TWO**

SUPERVISORY DISTRICT TWO (2)

BUDGET CHART AND ALLOTTED DOLLARS

ANNUAL ROAD MAINTENANCE PLAN

MAINTENANCE ACTIVITIES	BUDGET FY 14-15
Guardrails	\$ -
Bridge Maintenance	\$ 396,000
Striping/Marking/Signs	\$ 142,000
Shoulder Grading	\$ 12,500
Dirt Road Grading	\$ 7,200
Culvert Cleaning	\$ 23,000
Mowing	\$ 381,800
Pothole Repair (400 Tons)	\$ 195,300
Chip Seal/Patch Prep	\$ 533,600
Litter Abatement	\$ 238,000
Street Sweeping	\$ 97,000
Request for Services	\$ 253,000
Traffic Signals/Flashing Beacons/Speed Radar Signs	\$ 22,500
TOTAL MAINTENANCE	\$ 2,301,900

CONSTRUCTION PROJECTS	BUDGET FY 14-15
Capital Projects (Castroville Overlay)	1,847,000
Striping/Markings (RSTP Funding)	271,500
TOTAL CONSTRUCTION	\$ 2,118,500

TOTAL \$ **4,420,400**

BRIDGE MAINTENANCE FOR SUPERVISORY DISTRICT "2" FY 14-15

LOCATION	WEEDING	REMOVE VEGETATION	CLEAN BRIDGE DECK	GRAFFITI REMOVAL	SWEEP BRIDGE DECK	PAINT AND REPAIR GUARDRAIL	PATCH DECK	REPAIR CONCRETE	REPAIR EXPANSION JOINTS
HARO STREET BRIDGE	TEMBLADERO SLOUGH	Haro St., 0.2 mi. south of State Highway 183	X		X				
NATIVIDAD ROAD BRIDGE	GABILAN CREEK	Natividad Rd., 3.8 mi. northeast of Main St. in Salinas	X		X	X			
RUSSELL ROAD BRIDGE	SANTA RITA CREEK	Russell Rd.	X		X	X			
MONTE ROAD BRIDGE	SALINAS RIVER	Monte Rd., 0.75 mi. north of Del Monte Blvd.	X		X	X	X		
GEIL STREET PED. OVERCROSSING	STATE HIGHWAY 156	Geil St. Castroville over Highway 156	X						
SAN JON ROAD BRIDGE	MAIN CANAL	0.2 mi. east of State Highway 183					X		
CALLE DEL ADOBE OVERCROSSING	CALLE DEL ADOBE	0.25 mi. east of Boronda Road							
OLD STAGE ROAD BRIDGE	ALISAL CREEK	Old Stage Road	X	X	X				
DAVIS ROAD OVERCROSSING	STATE HIGHWAY 183	Davis Road north of State Highway 183					X		
DAVIS ROAD OVERHEAD	UPRR TRACKS	Davis Road north of State Highway 183				X	X		
BORONDA ROAD BRIDGE	MAIN CANAL	0.3 mi. east of State Highway 183				X	X		
KING CITY BICYCLE BRIDGE	SALINAS RIVER								
OLD COAST HIGHWAY BRIDGE	BIXBY CREEK	0.94 mi. southeast of State Highway 1							

BRIDGE MAINTENANCE FOR SUPERVISORY DISTRICT "2" FY 14-15

LOCATION	WEEDING	REMOVE VEGETATION	CLEAN BRIDGE DECK	GRAFFITI REMOVAL	SWEEP BRIDGE DECK	PAINT AND REPAIR GUARDRAIL	PATCH DECK	REPAIR CONCRETE	REPAIR EXPANSION JOINTS
PORTER DRIVE BRIDGE	PAJARO RIVER	Porter Dr. - Pajaro/Main St. Watsonville			X	X	X		
MCGOWAN ROAD BRIDGE	PAJARO RIVER	McGowan Rd. - Santa Cruz County Line	X	X		X	X		
ELKHORN ROAD OVERHEAD	UPRR TRACKS	Elkhorn Rd., 0.5 mi. north of junction with Hall Rd.			X		X		
JOHNSON ROAD BRIDGE	CARNEROS CREEK	Johnson Rd. 0.12 mi. south of Hall Rd.	X	X	X	X	X		
SAN MIGUEL CANYON ROAD BRIDGE	CARNEROS CREEK	4.7 mi. north of State Highway 101	X						
MAHER ROAD BRIDGE	CARNEROS CREEK	Maher Rd., 0.26 mi. south of Tarpey Rd.	X		X	X	X		
COREY ROAD BRIDGE	CARNEROS CREEK	Corey Rd., 0.21 mi. south of San Juan Rd.	X		X				
SANDHOLDT ROAD BRIDGE	MOSS LANDING SLOUGH	Sandholdt Rd., 0.1 mi. west of Moss Landing Rd.	X		X				
DOLAN ROAD OVERHEAD	UPRR TRACKS	Dolan Rd., 1.7 mi. east of State Highway 1	X				X		
OLD STAGE ROAD BRIDGE	MUD CREEK	Old Stage Rd., 2.47 mi. north of Crazy Horse Rd.	X		X				
SAN JUAN GRADE ROAD BRIDGE	GABILAN CREEK (TRIB)	San Juan Grade Rd., 1.47 mi. north of Crazy Horse Rd.	X		X				
SAN JUAN GRADE ROAD BRIDGE	GABILAN CREEK	San Juan Grade Rd., 1.03 mi. north of Crazy Horse Rd.	X		X				
OLD STAGE ROAD BRIDGE	GABILAN CREEK	Old Stage Rd., 1.26 mi. north of Crazy Horse Rd.	X	X	X	X			
PESANTE ROAD BRIDGE	PESANTE CANYON CREEK	Pesante Road	X		X				
MOLERA ROAD BRIDGE	TEMBLADERO SLOUGH	Molera Rd., 0.8 mi. south of State Highway 1			X		X		
CRAZY HORSE ROAD BRIDGE	GABILAN CREEK	Crazy Horse Rd., 0.15 mi. south of San Juan Grade Rd.	X	X	X		X		
REESE CIRCLE BRIDGE	SAN MIGUEL CANYON CREEK	Reese Circle							
CROSS ROAD BRIDGE	SAN MIGUEL CANYON CREEK	Cross Rd., 0.05 mi. west of Reese Circle							
PRESTON ROAD BRIDGE	TEMBLADERO SLOUGH	Preston Rd., 0.1 mi. south of State Highway 183					X		
RALPH LANE BRIDGE	TEMBLADERO SLOUGH	Ralph Lane	X		X				
SALINAS STREET BRIDGE	TEMBLADERO SLOUGH	Salinas St., 0.15 mi. south of State Highway 183	X		X		X		
HEBERT ROAD BRIDGE	GABILAN CREEK	0.4 mi. east of San Juan Grade Rd.	X	X	X		X		

SHOULDER GRADING MAINTENANCE IN SUPERVISORY DISTRICT 2**FY 14-15**

ROAD NAME	FROM	TO	LENGTH MILES
ABBOTT ST	STATE HIGHWAY 101	HARRIS RD	1.640
ABBOTT ST	HARRIS RD	SALINAS CITY LIMIT	0.800
ALISAL RD	0111 OLD STAGE RD	HARRIS RD	3.880
ALISAL RD	HARRIS RD	SALINAS CITY LIMIT	0.730
ARMSTRONG RD	0125 BLANCO RD	1130 MCFADDEN RD	0.920
DEL MONTE BLVD	MARINA CITY LIMIT	STATE HIGHWAY 1	1.400
LAPIS RD	2122 DEL MONTE BLVD	2122 DEL MONTE BLVD	1.250
		TOTAL	10.62

DIRT ROAD GRADING IN SUPERVISORY DISTRICT 2**FY 14-15**

ROAD NAME	FROM	TO	LENGTH MILES
KARNER RD	1117 RUSSO RD	PARSONS RD	0.230
OAK VALE RD	0103 ELKHORN RD	END	0.230
PARSONS RD	KARNER RD	END	0.500
		TOTAL	0.96

CULVERT CLEANING IN SUPERVISORY DISTRICT 2**FY 14-15**

ROAD NAME	FEET	MILE POST	NUMBER OF CULVERTS
Aromas Rd	56	0.21	1
Carpenteria Rd	72	1.39	1
Castroville Blvd	90	2.27	1
Castroville Blvd	150	2.46	1
Crazy Horse Rd	60	0.04	1
Crazy Horse Rd	60	0.27	2
Elkhorn Rd	55	6.22	1
Hartnell Rd	60	0.19	4
Old Stage Rd	80	10.27	1
Old Stage Rd	56	16.98	1
Potter Rd	45	1.5	1
Potter Rd	47	1.9	1
Rosehart Way	43	0.1	1
Rosehart Way	94	0.15	1
San Juan Grd Rd	60	0.83	1
San Juan Grd Rd	60	1.77	1
San Juan Grd Rd	60	3.72	1
Sill Rd	54	0.22	1
Sill Rd	30	0.47	2
Zabala Rd	64	0.61	1
TOTAL	1296		25

MOWING MAINTENANCE IN SUPERVISORY DISTRICT 2

FY 14-15

ROAD NAME	FROM	TO	LENGTH MILES
ALLISON RD	1096 RAILROAD AVE	0102 SAN JUAN RD	0.40
AMARAL RD	0103 ELKHORN RD	END	0.44
ARCHER RD	1064 MERIDIAN RD	0108 CASTROVILLE BLVD	0.57
AROMAS RD	0107 CARPENTERIA RD	0102 SAN JUAN RD	1.38
ASSISI WY	1113 RALPH LN	1PP02 DAMIAN WY	0.42
AVILA RD	1066 DOLAN RD	1066 DOLAN RD	0.32
BAUMANN RD	1LP03 HILLCREST RD	END	0.09
BAY FARMS RD	0124 SALINAS RD	END	0.63
BAY VIEW RD	1DF01 WALKER VLY RD	0103 ELKHORN RD	0.53
BAYHILL RD	1007 BAY FARMS RD	1009 HILLCREST RD	0.11
BERRY RD	END	END	0.38
BERTA CYN RD	STATE HIGHWAY 101	END	1.09
BISHOP ST	1PJ09 FLORENCE ST	0124 SALINAS RD	0.12
BLACKIE RD	STATE HIGHWAY 101	STATE HIGHWAY 183	4.90
BLANCO RD	0202 BLANCO RD	0126 DAVIS RD	3.64
BLANCO RD	0126 DAVIS RD	SAL	0.74
BLANCO RD	0206 RESERVATION RD	0125 BLANCO RD	1.00
BLOHM AVE	0107 CARPENTERIA RD	0115 AROMAS RD	0.47
BLUFF RD	1008 JENSEN RD	END	0.97
BOLING RD	1LL03 LAS LOMAS DR	END	0.30
BORONDA RD	END	0128 CALLE DEL ADOBE	0.86
BRENTWOOD CT	1050 TUSTIN RD	8813 BRENTWOOD CT	0.14
CALLE DEL ADOBE	1041 BORONDA RD	SAL	0.57
CARNEROS CT	1038 CARNEROS RD	END	0.02
CARNEROS RD	0107 CARPENTERIA RD	END	0.39
CARPENTERIA RD	0102 SAN JUAN RD	SCR CO	2.51
CASTROVILLE BLVD	SH156	0103 ELKHORN RD	2.50
CASTROVILLE BLVD	0103 ELKHORN RD	0105 SAN MIGUEL CYN	3.00
CLAUSEN RD	1LL03 LAS LOMAS DR	END	0.30
COKER RD	1068 PESANTE RD	END	0.37
COLLINS RD	0108 CASTROVILLE BL	END	0.25
COREY RD	0102 SAN JUAN RD	8107	0.44
CORTO SAN MIGUEL R	105	END	0.15
COUNTRY MEADOWS RD	1037 HARRISON RD	1112 REESE CIR	0.64
CRAZY HORSE CYN RD	0109 SAN JUAN GR RD	SH101	3.78
CRAZY HORSE RD	1057 OLD STAGE RD	0109 SAN JUAN GR RD	0.34
CROSS RD	1112 REESE CIR	1068 PESANTE RD	0.72
DAMIAN WY	1PP01 ASSISI WY	END	0.27
DAVIS RD	SAL	URBAN LIMIT	1.67
DAVIS RD	URBAN LIMIT	0203 DAVIS RD	1.66
DEL MONTE FARMS RD	0108 CASTROVILLE BL	END	1.54
DESMOND RD	1044 PARADISE RD	END	0.29

MOWING MAINTENANCE IN SUPERVISORY DISTRICT 2

FY 14-15

ROAD NAME	FROM	TO	LENGTH MILES
DOLAN RD	0108 CASTROVILLE BL	STATE HIGHWAY 1	3.36
DUNBARTON RD	STATE HIGHWAY 101	0102 SAN JUAN RD	0.75
DUNBARTON RD	STATE HIGHWAY 101	STATE HIGHWAY 101	0.70
DYER RD	1064 MERIDIAN RD	END	0.31
EAST BLANCO RD	SAL	STATE HIGHWAY 68	1.07
EASTON RD	0103 ELKHORN RD	END	0.15
ECHO VALLEY RD	105 SAN MIGUEL CYN RD	STATE HIGHWAY 101	2.93
EL RANCHO WY	1041 BORONDA RD	1148 POST DR	0.37
ELKHORN RD	0108 CASTROVILLE BL	104 HALL RD	7.00
ELKHORN RD	0104 HALL RD	0124 SALINAS RD	1.12
EMPIRE RD	0103 ELKHORN RD	END	0.23
ENCINAL RD	0111 OLD STAGE RD	END	1.37
ESPINOSA RD	STATE HIGHWAY 101	STATE HIGHWAY 183	4.98
GARIN RD	0103 ELKHORN RD	1026 LEWIS RD	1.41
HALL RD	105 SAN MIGUEL CYN RD	0103 ELKHORN RD	2.85
HARKINS RD + HARRIS RD	0133 SPRECKELS BLVD	SAL	1.80
HARO ST	END	STATE HIGHWAY 183	0.20
HARRINGTON RD	1028 SILL RD	END	0.70
HARRIS RD	URBAN LIMIT	0133 SPRECKELS BLVD	2.47
HARRIS RD	SAL	URBAN LIMIT	0.23
HARRISON RD	0121 RUSSELL RD	1PP02 DAMIAN WY	2.04
HARTNELL RD	0130 ALISAL RD	STATE HIGHWAY 101	1.67
HARTNELL RD EXT	1140 HARTNELL RD	END	0.14
HAYES RD	1026 LEWIS RD	END	1.09
HEBERT RD	0111 OLD STAGE RD	0109 SAN JUAN GR RD	0.49
HIDDEN VALLEY RD	0103 ELKHORN RD	0110 STRAWBERRY RD	3.06
HILLCREST RD	1LP02 VALLEY RD	1LP04 BAUMANN RD	0.14
HOLLY HILL DR	1068 PESANTE RD	END	0.85
HOLLY OAK WY	1OH03 CHARTER OAK BL	END	0.19
HUDSON LANDING RD	103 ELKHORN RD	END	1.40
JENSEN RD	STATE HIGHWAY 1	8096 JENSEN RD	1.05
JOHNSON RD	0104 HALL RD	END	0.78
KAREN DR	1050 TUSTIN RD	1C002 LEON ST	0.27
KARNER RD	1117 RUSSO RD	1DF10 PARSONS RD	0.23
KING RD	1068 PESANTE RD	8603 KING RD	0.24
KIRBY RD	0103 ELKHORN RD	END	0.23
LAKEVIEW DR	1044 PARADISE RD	END	0.39
LANGLEY CYN RD	105 SAN MIGUEL CYN RD	END	1.45
LAS LOMAS DR	0104 HALL RD	END	1.60
LEWIS CT	1026 LEWIS RD	END	0.11
LEWIS RD	0124 SALINAS RD	0105 SAN MIGUEL CYN RD	4.83

MOWING MAINTENANCE IN SUPERVISORY DISTRICT 2

FY 14-15

ROAD NAME	FROM	TO	LENGTH MILES
LIVE OAK RD	1JS01 JOHNSON RD	END	0.84
MAHER CT	1015 MAHER RD	END	0.32
MAHER RD	0106 TARPEY RD	0113 ECHO VLY RD	2.94
MALLORY CYN RD	STATE HIGHWAY 101	END	0.88
MANZANITA CIR	0108 CASTROVILLE BL	0108 CASTROVILLE BL	0.27
MARCUS ST	1AR06 BLOHM AVE	0115 AROMAS RD	0.23
MARTINES RD	1037 HARRISON RD	STATE HIGHWAY 101	0.43
MCGINNIS RD	1JS03 LIVE OAK RD	1JS01 JOHNSON RD	0.25
MCGUFFIE RD	STATE HIGHWAY 156	END	0.39
MERIDIAN RD	0108 CASTROVILLE BL	STATE HIGHWAY 156	2.70
MERIDIAN SPUR	STATE HIGHWAY 156	END	0.13
MONTE RD	0101 NASHUA RD	2084 MONTE RD	1.08
MONTEREY DUNES WY	0122 MOLERA RD	END	0.40
MORO RD	STATE HIGHWAY 101	105 SAN MIGUEL CYN RD	2.04
NATIVIDAD RD	0111 OLD STAGE RD	SAL (at Rogge Rd)	1.15
OAK RD	1060 BERTA CYN RD	1058 VIERRA CYN RD	0.15
OAK RD	1LL08 BERRY RD	END	0.11
OAK VALE RD	0103 ELKHORN RD	END	0.23
OLD NATIVIDAD RD	0114 NATIVIDAD RD	END	1.01
OLD STAGE RD	0112 HEBERT RD (- SAL C.L.)	0317 CHUALAR RD	12.33
OLD STAGE RD	0111 OLD STAGE RD	SBT CO	5.05
ORCHARD LN	SH101	END	0.32
ORMART RD	0108 CASTROVILLE BL	1064 MERIDIAN RD	0.44
OSBORN RD	0103 ELKHORN RD	END	0.12
OVERPASS RD	1LL03 LAS LOMAS DR	1071 MILLER RD	0.32
PADDON RD	105 SAN MIGUEL CYN RD	END	0.34
PARADISE RD	105 SAN MIGUEL CYN RD	108 CASTROVILLE BLVD	2.94
PARSONS RD	1DF08 KARNER RD	END	0.50
PESANTE RD	STATE HIGHWAY 101	1075 HOLLY HILL DR	1.63
PESANTE RD	1075 HOLLY HILL DR	END	1.07
PINI RD	0104 HALL RD	END	0.20
POLLOCK LN	1068 PESANTE RD	END	0.37
POTTER RD	0111 OLD STAGE RD	STATE HIGHWAY 101	2.07
PRUNEDALE NORTH RD	105 SAN MIGUEL CYN RD	SH156	0.82
PRUNEDALE SOUTH RD	STATE HIGHWAY 101	1072 BLACKIE RD	1.12
RAILROAD AVE	0124 SALINAS RD	1067 ALLISON RD	0.72
RALPH LN	STATE HIGHWAY 101	END	0.50
REA AVE	0107 CARPENTERIA RD	END	0.45
REESE CIR	STATE HIGHWAY 101	END	0.55
ROGGE RD	0109 SAN JUAN GR RD	SAL	0.46
ROGGE RD	0109 SAN JUAN GR RD	1SJ01 PAUL AVE	0.09

MOWING MAINTENANCE IN SUPERVISORY DISTRICT 2

FY 14-15

ROAD NAME	FROM	TO	LENGTH MILES
RUSSO RD	1066 DOLAN RD	0103 ELKHORN RD	0.42
SALINAS RD	0123 PORTER DR	SCHOOL	3.20
SAN JUAN GRADE RD	SAL	URBAN LIMIT	0.54
SAN JUAN GRADE RD	URBAN LIMIT	1002 SAN JUAN GR RD	3.32
SAN JUAN GRADE RD	109 SAN JUAN GRADE RD	SBT CO	4.31
SAN JUAN RD	0123 PORTER DR	STATE HIGHWAY 101	8.96
SAN JUAN RD	0123 PORTER DR	END	0.10
SAN MIGUEL CYN RD	0102 SAN JUAN RD	0106 TARPEY RD	3.09
SAN MIGUEL CYN RD	0106 TARPEY RD	0104 HALL RD	0.45
SAN MIGUEL CYN RD	0104 HALL RD	STATE HIGHWAY 101	4.65
SILL RD	END	0104 HALL RD	0.86
SPRING POINT RD	0103 ELKHORN RD	END	0.42
SPRING RD	1003 HUDSON LDG RD	END	0.35
STIRLING RD	0109 SAN JUAN GR RD	END	0.21
STRAWBERRY RD	105 SAN MIGUEL CYN RD	0103 ELKHORN RD	3.31
STRUVE RD	STATE HIGHWAY 1	STATE HIGHWAY 1	1.00
TARPEY RD	0102 SAN JUAN RD	105	1.29
THOMAS RD	1LL06 OVERPASS RD	1LL03 LAS LOMAS DR	0.31
TRAFTON RD	1006 BLUFF RD	0124 SALINAS RD	4.18
TUCKER RD	0110 STRAWBERRY RD	END	1.06
TUSTIN RD	0113 ECHO VLY RD	STATE HIGHWAY 101	1.95
VALLE PACIFICO RD	1052 LANGLEY CYN RD	END	0.63
VALLEY RD	1064 MERIDIAN RD	END	0.64
VEGA RD	105 SAN MIGUEL CYN RD	1026 LEWIS RD	2.30
VIA DEL SOL RD	0113 ECHO VLY RD	END	0.46
VIERRA CYN RD	STATE HIGHWAY 156	END	2.11
WALKER VALLEY RD	0103 ELKHORN RD	1044 PARADISE RD	1.33
WAUGH RD	0103 ELKHORN RD	END	0.23
WELLS RD	1003 HUDSON LDG RD	END	0.25
WERNER RD	0103 ELKHORN RD	0124 SALINAS RD	0.18
WILLOW RD	0104 HALL RD	1LL08 BERRY RD	0.17
ZABALA RD	0130 ALISAL RD	0111 OLD STAGE RD	2.06
TOTAL			199.46

580 ACRES

CHIP SEAL AND PATCH PREP SUPERVISORY DISTRICT 2

PROGRAM	ROAD NAME	FROM	TO	LENGTH/ AREA	TOTAL
Chip Seal	San Juan Rd	Allison Rd	1.6 Mile East of San Juan Rd	1.6Mi	\$ 132,332
	Salinas Road	Bay Farm	RXR Crossing	2.1Mi	\$ 208,765
Patch Prep	Tarpey Road	San Juan Rd	San Miguel Cyn.	20,750sqft	\$ 124,500
	Echo Valley Road	San Miguel Cyn.	Hwy 101 ROW	10,400sqft	\$ 67,600

TOTAL \$ 533,197

STREET SWEEPING IN SUPERVISORY DISTRICT "2"

FULL NAME	FROM	TO	LENGTH (Mi)
Acorn Cir	10H15 WILLOW OAK RD	END	0.022
Addington Rd	1BR04 FONTES LN	0128 CALLE DEL ADOBE	0.150
Agate Cir	1PV07 JASPER WY	END	0.032
Allen St	1025 MOSS LANDING RD	1090 POTRERO RD	0.120
Allison Rd	1096 RAILROAD AVE	0102 SAN JUAN RD	0.399
Alp Cir	1LH05 BELLINZONA AVE	END	0.028
Amaral Rd	0103 ELKHORN RD	END	0.455
Archer Rd	1064 MERIDIAN RD	0108 CASTROVILLE BLVD	0.573
Arriba Way	1RB03 BORROMEIO DR	END	0.067
Arrowleaf Trail	10H03 CHARTER OAK BL	END	0.267
Ascona Way	1LH05 BELLINZONA AVE	END	0.027
Assisi Way	1113 RALPH LN	1PP02 DAMIAN WY	0.398
Associated Ln	0124 SALINAS RD	END	0.090
Augusta Cir	1CM01 AUGUSTA DR	END	0.036
Augusta Ct	1CM01 AUGUSTA DR	END	0.075
Augusta Dr	0109 SAN JUAN GRADE RD	1CM02 TAM O SHANTER DR	0.296
Avila Rd	1066 DOLAN RD	1066 DOLAN RD	0.337
Axtell St	1CV33 BLEVINS WY	1CV04 BENSON RD	0.506
Baumann Rd	1LP03 HILLCREST RD	END	0.106
Bay Farms Rd	0124 SALINAS RD	END	0.500
Bay View Rd	1DF01 WALKER VLY RD	0103 ELKHORN RD	0.525
Bayhill Rd	1007 BAY FARMS RD	1009 HILLCREST RD	0.113
Bellinzona Ave	1LH07 ASCONA WY	END	0.401
Benson Rd	1CV03 AXTELL ST	END	0.140
Berry Rd	END	END	0.388
Berta Canyon Rd	SH101	END	1.090
Bishop St	1PJ09 FLORENCE ST	0124 SALINAS RD	0.119
Black Oak Pl	10H12 CYN OAK RD	END	0.077
Blackie Rd	SH101	SH183	4.880
Blevins Way	1CV10 COOPER ST	END	0.248
Blue Oak Pl	10H12 CYN OAK RD	END	0.034
Bluestem Path	10H03 CHARTER OAK	END	0.137
Boling Rd	1LL03 LAS LOMAS DR	END	0.290
Bollenbacher Dr	1080 ROGGE RD	10PO2 PENZANCE ST	0.220
Boronda Rd	1039 SAN JON RD	SAL C/L	1.223
Borromeo Dr	1072 BLACKIE RD	END	0.239
Brentwood Ct	1050 TUSTIN RD	8813 BRENTWOOD CT	0.164
Brome Trail	10H03 CHARTER OAK BL	END	0.083
Brookgrass Pl	10H03 CHARTER OAK BL	END	0.117
Brooklyn St	1PJ06 SAN JUAN RD	1PJ12 BISHOP ST	0.189
Bur Oak Pl	10H08 HOLLY OAK WY	END	0.025
C2 ALLEY	1CV20 RICO ST	1CV24 UNION ST	0.137
C3 ALLEY	1CV22 POOLE ST	1CV24 UNION ST	0.070
C4 ALLEY	1CV26 PAJARO ST	END	0.029

STREET SWEEPING IN SUPERVISORY DISTRICT "2"

FULL NAME	FROM	TO	LENGTH (Mi)
C5 ALLEY	1CV30 MORO COJO ST	1CV40 MONTEREY ST	0.254
C6 ALLEY	1CV36 WOOD ST	1072 BLACKIE RD	0.279
California St	1CV30 MORO COJO ST	SH183	0.243
Calle Del Adobe	1041 BORONDA RD	SAL	0.551
Campo De Casa Dr	6101 LOS NINOS PL	6106 CORTEZ LN	0.255
Canyon Oak Rd	1OH03 CHARTER OAK BL	1OH21 CATHEDRAL OAK	0.467
Castro St	1CV36 WOOD ST	1072 BLACKIE	0.282
Castroville Blvd	SH156	0105 SAN MIGUEL CYN	5.531
Cathedral Oak Rd	SH156	10H12 CYN OAK RD	0.267
Cayetano St	1PJ09 FLORENCE ST	1PJ09 FLORENCE ST	0.149
Century Oak Rd	1OH01 OAK HILLS DR	1OH03 CHARTER OAK BLVD	0.214
Charter Oak Blvd	END	END	1.954
Chester Dr	END	END	0.202
Clausen Rd	1LL03 LAS LOMAS DR	END	0.306
Clover Trail	1OH03 CHARTER OAK	END	0.113
Cocklebur Ct	END	END	0.070
Coker Rd	1068 PESANTE RD	END	0.192
Collins Rd	0108 CASTROVILLE BL	END	0.235
Colonial Pl	1OH03 CHARTER OAK	END	0.070
Commercial Pkwy	1072 BLACKIE RD	1072 BLACKIE RD	1.020
Comunidad Way	6101 LOS NINOS PL	6106 CORTEZ LN	0.180
Cooper St	1CV15 TEMBLADERA ST.	END	0.426
Corey Rd	0102 SAN JUAN RD	8107	0.431
Cornwall St	1LH05 BELLINZONA AVE	1OP03 KELTON DR	0.326
Cortez Ln	6107 LOS ARBOLES CIR	6104 VIVA LN	0.150
Corto San Miguel Rd	105	END	0.150
Country Meadows Rd	1037 HARRISON RD	1112 REESE CIR	0.655
Crane St	1CV01 DAVIS ST	SH183	0.519
Crazy Horse Canyon Rd	0109 SAN JUAN GR RD	SH101	3.793
Crazy Horse Rd	1057 OLD STAGE RD	0109 SAN JUAN GR RD	0.301
Cross Rd	1112 REESE CIR	1068 PESANTE RD	0.714
Cypress Cir	1CV48 OAK ST	END	0.050
Cypress St	1CV48 OAK ST	END	0.191
Damian Way	1PP01 ASSISI WY	END	0.276
Davis Rd	SAL	URBAN LIMIT	0.607
Davis St	1CV22 POOLE ST	1CV16 PRESTON ST	0.202
Del Monte Ave	END	SH183	0.766
Del Monte Farms Rd	0108 CASTROVILLE BL	END	1.425
Denner Rd	1SJ01 PAUL AVE	0109 SAN JUAN GR RD	0.092
Desmond Rd	1044 PARADISE RD	END	0.295
Dexter Dr	END	END	0.185
Dolan Rd	0108 CASTROVILLE BL	SH001	1.622
Dot Ave	1052 LANGLEY CYN RD	1GV03 LANGLEY CT	0.061
Dunbarton Rd	SH101	0102 SAN JUAN RD	1.436