

County of Marin Roadway Medians Islands

Worker Safety and Protection

- A. Managed roadway lane closures will be placed using DOT requirements whenever road edge weed control or other area wide operations are taking place at Rush Creek, Santa Venetia Promenade, Meriam Drive, Sir Francis Drake, Bon Air, Civic Center Medians, Alameda Del Prado and North San Pedro.**
- B. As required lane closures will be scheduled during non-peak traffic flow periods. (Excludes night operations)**
- C. All personnel working in roadway landscaped medians are required to wear full personal protective equipment.**
- D. County of Marin will be notified 30 days in advance of all planned traffic control operations that impact lane closure. A traffic control plan will be submitted to the County Representative in advance of any closures for approval. (Excludes all costs related to permitting and/or inspections)**

Weed Management

- A. All weed control operations will be done in compliance with the County of Marin Integrated Pest Management Policy and Ordinance. OMRI rated products such as Finalsan or Avenger will be utilized as a last option to maintain an acceptable weed population and only as approved by the County of Marin IPM Coordinator.**
- B. Provide weed control in all landscape median islands using primarily hand pulling and/or mechanical methods. As necessary and approved use of OMRI rated and allowable herbicides will be implemented. Mechanical weed removal by 2 cycle equipment such as weed whippers and brush cutters. In most cases cut weeds will be left in place, heavy accumulations will be raked tarped and removed.**
- C. The landscape management program is based upon an Integrated Pest Management (IPM) philosophy, which emphasizes a preventive approach to weed, disease and insect problems in order to maintain optimum health and vigor of the plants. Pest problems are managed by integrating biological, cultural, physical, and horticultural strategies.**
- D. Removal of weeds in selected areas, maybe done by flame or radiant heat. Installation and regular replenishment of existing mulch layer will be utilized to suppress weed seed germination.**

<i>Preliminary Pricing per Site</i>	<i>Current Monthly Price</i>	<i>Proposed Monthly Price</i>
<i>Rush Creek Frontage</i>	<i>\$1330.00</i>	<i>\$2710.00</i>
<i>Santa Venetia Promenade</i>	<i>\$344.00</i>	<i>\$699.00</i>
<i>Meriam Drive Medians</i>	<i>\$615.00</i>	<i>\$1200.00</i>
<i>Sir Francis Drake Medians</i>	<i>\$1926.00</i>	<i>\$5706.00</i>
<i>Bon Air Rd Medians.</i>	<i>\$524.00</i>	<i>\$1130.00</i>
<i>Civic Center Medians</i>	<i>\$1006.00</i>	<i>\$1883.00</i>
<i>Alameda Del Prado Medians</i>	<i>\$560.00</i>	<i>\$1130.00</i>
<i>North San Pedro Medians</i>	<i>\$100.00</i>	<i>\$295.00</i>
<i>Totals</i>	<i>\$6,405.00</i>	<i>\$14,753.00</i>

Frequency Schedules of Operations

Rush Creek Frontage

		<i>Weekly</i>	<i>Monthly</i>	<i>X/Year</i>	<i>As Needed</i>	<i>Comments</i>
1	Roadway Lanes			3		Sub Contracted
2	Hand Pulling Weeds			3		Ongoing in safe zones
3	Mechanical			2		Late spring/early summer
4	Herbicide spot spray applications				X	OMRI Rated Products selected from allowed list
5	IPM Monitoring	X				Using integrate pest management principles

Santa Venetia Promenade

		<i>Weekly</i>	<i>Monthly</i>	<i>X/Year</i>	<i>As Needed</i>	<i>Comments</i>
1	Roadway Lanes			3		In-house road edge closure
2	Hand Pulling Weeds			3		Ongoing in safe zones
3	Mechanical I			2		Late spring/early summer
4	Herbicide spot spray applications				X	OMRI Rated Products selected from allowed list
5	IPM Monitoring	X				Using integrate pest management principles

Meriam Drive Medians

		<i>Weekly</i>	<i>Monthly</i>	<i>X/Year</i>	<i>As Needed</i>	<i>Comments</i>
1	Roadway Lanes			3		In-house road edge closure
2	Hand Pulling Weeds			3		Ongoing in safe zones
3	Mechanical			2		Late spring/early summer
4	Herbicide spot spray applications				X	OMRI Rated Products selected from allowed list
5	IPM Monitoring	X				Using integrate pest management principles

Francis Drake Medians

		<i>Weekly</i>	<i>Monthly</i>	<i>X/Year</i>	<i>As Needed</i>	<i>Comments</i>
1	<i>Roadway Lanes</i>			3		<i>Sub Contracted</i>
2	<i>Hand Pulling Weeds</i>			3		<i>Ongoing in safe zones</i>
3	<i>Mechanical</i>			2		<i>Late spring/early summer</i>
4	<i>Herbicide spot spray applications</i>				X	<i>OMRI Rated Products selected from allowed list</i>
5	<i>IPM Monitoring</i>	X				<i>Using integrate pest management principles</i>

Bon Air Rd Medians

		<i>Weekly</i>	<i>Monthly</i>	<i>X/Year</i>	<i>As Needed</i>	<i>Comments</i>
1	<i>Roadway Lanes</i>			3		<i>Sub Contracted</i>
2	<i>Hand Pulling Weeds</i>			3		<i>Ongoing in safe zones</i>
3	<i>Mechanical</i>			2		<i>Late spring/early summer</i>
4	<i>Herbicide spot spray applications</i>				X	<i>OMRI Rated Products selected from allowed list</i>
5	<i>IPM Monitoring</i>	X				<i>Using integrate pest management principles</i>

Frequency Schedules of Operations

Civic Center Medians

		<i>Weekly</i>	<i>Monthly</i>	<i>X/Year</i>	<i>As Needed</i>	<i>Comments</i>
1	<i>Roadway Lanes</i>			3		<i>In-house road edge closure</i>
2	<i>Hand Pulling Weeds</i>			3		<i>Ongoing in safe zones</i>
3	<i>Mechanical</i>			2		<i>Late spring/early summer</i>
4	<i>Herbicide spot spray applications</i>				X	<i>OMRI Rated Products selected from allowed list</i>
5	<i>IPM Monitoring</i>	X				<i>Using integrate pest management principles</i>

Alameda Del Prado Medians

		<i>Weekly</i>	<i>Monthly</i>	<i>X/Year</i>	<i>As Needed</i>	<i>Comments</i>
1	<i>Roadway Lanes</i>			3		<i>In-house road edge closure</i>
2	<i>Hand Pulling Weeds</i>			3		<i>Ongoing in safe zones</i>
3	<i>Mechanical</i>			2		<i>Late spring/early summer</i>
4	<i>Herbicide spot spray applications</i>				X	<i>OMRI Rated Products selected from allowed list</i>
5	<i>IPM Monitoring</i>	X				<i>Using integrate pest management principles</i>

North San Pedro Medians

		Weekly	Monthly	X/Year	As Needed	Comments
1	Roadway Lanes			3		In-house road edge closure
2	Hand Pulling Weeds			3		Ongoing in safe zones
3	Mechanical			2		Late spring/early summer
4	Herbicide spot spray applications				X	OMRI Rated Products selected from allowed list
5	IPM Monitoring	X				Using integrate pest management principles

Notes:

- A. *Sub Contracted traffic control services are provided by Bay Area Traffic Solutions. They provide traffic control services based on a daily rate for a 2 person crew and related equipment. Any hours in excess of 8 hrs. are charged at an overtime rate. Services provided at cost plus 15%. These services are included as noted in the frequency schedules of operations and preliminary pricing above. Traffic control plans will be submitted to the County Representative in advance of any lane closures and approved prior to implementation.*
- B. *In-house provided traffic control services are implemented by the on-site maintenance service crew and following DOT guidelines. These traffic control services are included as noted in the frequency schedules of operations and preliminary pricing above.*
- C. *Encroachment and other required permits are excluded from the preliminary pricing.*
- D. *As required OMRI rated herbicide spot spray operations will take place without lane or road edging traffic control. Operations will take place only during non-peak level traffic times. All applications will be implemented per the County IPM Ordinance and will only be implemented with prior approval from the County IPM Coordinator.*
- E. *This preliminary pricing is based on our best judgement and current field conditions as it relates to the required labor, materials and sub-contract work estimated to implement this alternative weed control and worker safety proposal. All work above these estimates will be charged as an extra. All extra work will be pre-approved by the County representative.*