



CITY OF MORRO BAY PUBLIC WORKS ADVISORY BOARD AGENDA

The City of Morro Bay provides essential public services and infrastructure to maintain a safe, clean and healthy place for residents and visitors to live, work and play.

**Wednesday, October 18, 2017
Veterans Memorial Building - 5:30 P.M.
209 Surf Street, Morro Bay, CA**

Ric Deschler, Chair
John Erwin

Steven Shively, Vice-Chair
Janith Goldman
Stewart Skiff

Christian Erlendson
Christopher Parker

ESTABLISH QUORUM AND CALL TO ORDER
MOMENT OF SILENCE/PLEDGE OF ALLEGIANCE
ANNOUNCEMENTS
PRESENTATIONS – None

PUBLIC COMMENT PERIOD

Members of the audience wishing to address the Board on City business matters not on the agenda may do so at this time. To increase the effectiveness of the Public Comment Period, the following rules shall be followed:

- When recognized by the Chair, please come forward to the podium and state your name and city of residence for the record.
- Comments are to be limited to three minutes.
- All remarks shall be addressed to the Board, as a whole, and not to any individual member thereof.
- The Board respectfully requests that you refrain from making slanderous, profane or personal remarks against any elected official, commission and/or staff.
- Please refrain from public displays or outbursts such as unsolicited applause, comments or cheering.
- Any disruptive activities that substantially interfere with the ability of the Board to carry out its meeting will not be permitted and offenders will be requested to leave the meeting.
- Your participation in Board meetings is welcome and your courtesy will be appreciated.

A. CONSENT CALENDAR

- A-1 Approval of Minutes of September 20, 2017 Regular Meeting
Recommendation: Approve minutes.

B. BUSINESS ITEMS

- B-1 Directors Report – Informational summary of current Public Works Activities
Recommendation: Information item, no action needed.

- B-2 Street Sweeping Program
Recommendation: Review and provide any comments to staff as appropriate.

C. POTENTIAL FUTURE AGENDA ITEMS

- Items from Council Approved Work Plan

D. ADJOURNMENT

Adjourn to the Public Works Advisory Board meeting at the Veteran's Memorial Building, 209 Surf Street, on November 15, 2017 at 5:30 p.m.

This agenda is subject to amendment up to 72 hours prior to the date and time set for the meeting. Please refer to the agenda posted at the Public Works Department, 955 Shasta Avenue, for any revisions or call the department at 772-6263 for further information.

Materials related to an item on this Agenda are available for public inspection during normal business hours in the Public Works Department at 955 Shasta, City Hall at 595 Harbor, Mill's/ASAP at 495 Morro Bay Boulevard, or the Morro Bay Library at 695 Harbor, Morro Bay, CA 93442. Materials related to an item on this agenda submitted to the Board after publication of the agenda packet are available for inspection at the Public Works Department during normal business hours or at the scheduled meeting.

This agenda may be found on the Internet at: www.morrobayca.gov/pwab or you can subscribe to Notify Me for email notification when the Agenda is posted on the City's website. To subscribe, go to www.morrobayca.gov/notifyme and follow the instructions.

In compliance with the Americans with Disabilities Act, if you need special assistance to participate in this meeting, please contact the Public Works Department at (805) 772-6263. Notification 24 hours prior to the meeting will enable the City to make reasonable arrangements to ensure accessibility to this meeting.

MINUTES - PUBLIC WORKS ADVISORY BOARD (PWAB)
REGULAR MEETING – SEPTEMBER 20, 2017
VETERANS MEMORIAL HALL – 5:30P.M.

AGENDA ITEM: <u>A-1</u>
DATE: <u>October 18, 2017</u>
ACTION: _____

PRESENT:

Ric Deschler	Chairman
Steve Shively	Vice Chair
Chris Parker	Board Member
Stewart Skiff	Board Member
John Erwin	Board Member
Christian Erlendson	Board Member

ABSENT: Janith Goldman Board Member

STAFF: Rob Livick Public Works Director
Joe Mueller Utilities Division Manager
Janeen Burlingame Management Analyst
Mike Wilcox Consolidated Maintenance Superintendent

ESTABLISH QUORUM, CALL TO ORDER AND MOMENT OF SILENCE

The meeting was called to order at 5:34 p.m.

A quorum was present and there was a moment of silence.

ANNOUNCEMENTS - None

PRESENTATIONS – None

PUBLIC COMMENT PERIOD

The public comment period was opened, seeing none, the public comment period was closed.

A. CONSENT AGENDA
<https://youtu.be/I8uqi8VHog0?t=41s>

A-1 APPROVAL OF MINUTES OF AUGUST 16, 2017 MEETINGS

MOTION: Steve Shively moved to approve Item A-1. The motion was seconded by Stewart Skiff and carried 6-0-0 unanimously.

B. BUSINESS ITEMS

B-1 Directors Report
<https://youtu.be/I8uqi8VHog0?t=1m21s>

Rob Livick presented the staff report.

The Board asked questions of staff and commented on the Director's Report.

B-2 Discussion of Adopt-A-Park/Street and Memorial Programs
<https://youtu.be/I8uqi8VHog0?t=11m47s>

Janeen Burlingame presented the staff report.

The Board asked questions of staff and commented on the Adopt-A-Park/Street and Memorial Programs.

PUBLIC COMMENT PERIOD
<https://youtu.be/I8uqi8VHog0?t=27m10s>

The public comment period was opened.

Walter Heath, resident of Morro Bay, thanked the Board for an opportunity to speak. Currently, they have other projects going on along with their Adopt-A Park agreement, and he would like a point person that would be available to Morro Bay in Bloom for these other projects. They could bring and share their ideas for prior approval. He presented to the Board a project in which they have completed in the city.

The public comment period was closed.

B-3 Review of 2017/2018 Pavement Management Program
<https://youtu.be/I8ugj8VHog0?t=42m56s>

Rob Livick presented the staff report.

Discussion, comments and questions continued amongst Board members and staff.

ADJOURNMENT

The meeting adjourned at 6:49 P.M. to a regular Public Works Advisory Board meeting at the Veteran's Memorial Building, 209 Surf Street, on October 18, 2017.



AGENDA NO: B-1

MEETING DATE: October 18, 2017

Staff Report

TO: Public Works Advisory Board **DATE:** October 4, 2017
FROM: Rob Livick, PE/PLS – Public Works Director/City Engineer
SUBJECT: Director's Report / Information Items

Please contact the individual staff members prior to the meeting, if possible, for more detailed information.

Notify Me: Sign up for Notify Me on the City's Website www.morrobayca.gov/notifyme for notification of Council, Board's and Commission's agendas and minutes.

Service Requests: The City has a feature to the City's website, Service Requests www.morrobayca.gov/905/Service-Requests, or the mobile App "My Morro Bay" (Available on both Android and IOS operating systems) where citizens can report a concern to the City for predetermined issues without the need to phone the City during business hours (for example: reporting a pothole).

Staff can also add Service Requests for someone over the phone or in the office if they do not have access to a computer. Each category in Service Requests is assigned to the appropriate staff member to handle so citizens don't have to figure out what department to contact for an issue they need to report on.

STAFFING CHANGES

Senior Engineer position currently vacant

BICYCLE TRANSPORTATION

Staff Contact: Rob Livick

No change this month.
Ride On!

CONSOLIDATED MAINTENANCE

Staff Contact: Mike Wilcox

Staff has received a verbal confirmation from FEMA that paperwork has been properly submitted and processed for storm damage expenditures related to the 2/17/17 wind storm. The City is expecting approximately \$30,000 in reimbursement funds.

Staff has completed the repairs on several more, large asphalt dig outs with hot mix asphalt in preparation for this year's Pavement Preservation Project. Crack sealing is also taking place along several of the streets identified in this year's project and along Main Street from Atascadero Road to San Jacinto.

Staff replaced one section of the corroded bridge at the Monte Young playground, and applied a protective coating to the other section to preserve it for another budget cycle.

Consolidated Maintenance Staff performed weed abatement and crack sealing on SB Blvd on 10/9/17 from Quintana Road to the City limits. With the help of one full California Conservation

Crew, 3 Utility Division staff, and a professional traffic control contractor, staff was able to clear the worst of the encroaching brush and weeds along about 50% of the route. Future efforts will include the use of a rented Brush Hog mower attached to an articulated arm. If you have maintenance requests, please call 772-6261, use the smart phone app, myMorroBay, available for android and iPhone, or use the City's Service Requests online system on our website www.morrobayca.gov/905/Service-Requests. Upon receipt, the electronic requests will be reviewed and assigned to the appropriate staff for action. In the future, the City will be upgrading to a fully integrated maintenance work order system that will allow you to view the progress of your requests.

SIDEWALK REPAIR AND INSTALLATION

Staff Contact: Rob Livick

2017 CDBG ADA Accessibility project: Staff is working with D.O.D. Construction, LTD on the construction schedule. It is expected work will commence by October 26. The City is mailing notification to all residents within the area of work and will be providing general notification through Facebook, Next Door, the City Webpage, Estero Bay Community Radio, etc

The City will use CDBG funds specifically to install sidewalk, curb and gutters at the following locations identified below and as per the Project budget below:

1. Market Street between Beach & Dunes, east side, place approximately 455 square-feet of sidewalk and new driveway approach.
2. Main Street between Marina & Driftwood, west side, place approximately 730 square-feet of sidewalk, 385 lineal feet of curb and gutter, ADA curb ramp, and new driveway approach.
3. Main Street between Marina & Driftwood, east side, place approximately 1160 square-feet of sidewalk, 190 lineal feet of curb and gutter, 2 ADA curb ramps, and 2 new driveway approaches.
4. Marina Street between Main Street & Morro, south side, place approximately 635 square-feet of sidewalk and new driveway approach.
5. Napa Street between Dunes & Harbor, east side, place approximately 450 square-feet of sidewalk, 10 lineal feet of curb and gutter, 1 ADA curb ramp, and 1 new driveway approach.
6. Dunes Street between Napa & Shasta, south side, place approximately 1670 square-feet of sidewalk, 160 lineal feet of curb and gutter, 1 ADA curb ramp, and 1 new driveway approach.
7. Shasta Avenue between Dunes & Harbor, west side, place approximately 900 square-feet of sidewalk and 68 lineal feet of curb and gutter.
8. Dunes Street between Napa & Monterey, north side, place approximately 680 square-feet of sidewalk, 160 lineal feet of curb and gutter, 1 ADA curb ramp, and 1 new driveway approach.
9. Dunes Street between Napa & Monterey, south side, place approximately 660 square-feet of sidewalk, 1 ADA curb ramp, and 2 new driveway approaches.

STORM WATER

Staff Contact: Damaris Hanson

On June 2, 2017 State Water Resources Control Board (SWQCB) sent a letter to the City informing the City to submit a method to comply with the statewide trash provisions. This provision is an amendment to the Water Quality Control Plan for Ocean Water of California to control trash. This letter requires the City to choose a compliance "Track" approach to address Trash within the City limits. The City must choose between two tracts; tract 1 requires the City to install, operate and maintain full capture systems for storm drains that capture runoff from priority land uses. Tract 2 requires the City to implement a plan that will use a combination of controls; full capture devices, partial capture devices, green infrastructure and low impact development controls. This combination of controls must achieve the same performance results as Tract 1. The City responded to the RWQCB on September 1st notifying that the City will be taking tract 2 to comply with the State-Wide Trash provisions. The City submitted the required map highlighting the priority land uses. Next Staff will begin preparing the implementation plans and trash assessments to re-define these priority land uses.

Staff has been compiling information for the Annual Stormwater report due October 15th to the SWRQB. This requires writing summary reports of different portions of the permit and uploading reports to the SMARTS database.

STREETS

Staff contact: Rob Livick
Pam Newman

City Council awarded a Contract amendment to Pavement Coatings for this year's pavement preservation project in the amount of \$808,395.31 at their October 10, 2017 meeting.

TRANSIT – Morro Bay Transit and Trolley

Staff contact: Janeen Burlingame

Work has begun on the Transportation Development Act annual fiscal audit for FY 16/17. The auditor will come out in November to do field work and the final audit should be completed by March 2018.

TREES – Urban Forest Management

Staff contact: Damaris Hanson
Mike Wilcox

The City will be removing several dead or diseased trees (Monterey Pine) at various locations along with three Palms on Main street in conjunction with the sidewalk installation project.

WATER – Chorro Stream Gauge

Staff Contact: Rob Livick

No change this month: Carollo Engineers, Inc. Has been selected to continue assessment of this project within the scope of the One Water (1H2O) contract. Coordination with National Marine Fisheries Service (NMFS) will resume once the need to maintain the Chorro Valley water right is confirmed.

WATER – Nutmeg Tank Replacement

Staff Contact: Rob Livick

No change this month. Carollo Engineers, Inc. will assess the tank sizing as part of the Water System master plan component of 1H2O.

WATER – Operations

Staff Contact: Rob Livick
Joe Mueller
Jamie James
Damaris Hanson

During the month of September, the water staff worked with the annual leak detection contractor. This is an important program for detecting and repairing of leaks to reduce our overall water loss.

The water staff also completed various other work orders:

- Exercised valves (243)
- Reset meter boxes (3)
- Performed routine water quality monitoring of the distribution system well meter readings, sounded well water levels, collected monthly water quality samples
- Performed meter re-reads, turn off notices, meter re-reads, high meter reads, turn off and turn on of water service. (275)

WATER – Water Conservation

Staff Contact: Damaris Hanson

For the Month of August water conservation was 21% lower compared to August 2013. September's water conservation was 17% lower than September 2013. On April 7th Governor Brown lifted the January 17, 2014 drought declaration for most of California, including San Luis Obispo County. State Water Resources Control Board will rescind the water supply stress test as well as mandatory conservation standards. The City will still be required to report monthly our water conservation report to the State Water Board.

On June 13, 2017 City Council suspended the 2:1 WEU offset program, allocated 115 WEUs for 2017-2018 development and modified the water conservation requirements from severely restricted to moderately restricted water supply conditions.

City water conservation rebates available; Cash for grass, rain barrel, irrigation retrofit, SMART irrigation controller, toilet retrofit and Energy star washing machine. State rebates now available for removing grass (up to \$2 per sq. ft.) and replacing a toilet that flushed more than 1.6 gallons per flush (\$100).

WASTEWATER – Collections

Staff Contact: Joe Mueller
John Gunderlock

In September wastewater collections staff:

- cleaned approximately 23,000 feet of sewer mainline.
- responded to no afterhours callouts.
- no mainline overflows were reported.
- trained staff on the emergency setup and operation of bypass pump operations at lift station number one.
- reconstructed and repaired the end of the sewer main line at Orcas Way. The main line was discovered to have multiple spiral fractures and no cleanout at the end of the line.
- staff continued to conducted pH source control sampling at Mission Linen to help their staff tune the pretreatment control process.
- performed routine lift station maintenance.
- assisted at the wastewater treatment facility and water department performing additional duties.
- conducted 12 source control inspections at various businesses.

WASTEWATER – Treatment

Staff Contact: Joe Mueller
John Gunderlock

Operation

- Flow for the month of September averaged 0.813 Million Gallons per Day (MGD) and totaled 27.5 million gallons for the month.
- Staff responded to two afterhours callouts in September for plant chlorine adjustment.
- Staff installed electrical power feeds in preparation for the installation of new influent flow meters.
- Cleaned all facility storm drains.
- Replaced chlorine chemical pump feed piping.
- Prepared an operations plan for the inspection and cleaning of the secondary clarifier.
- Replaced a section of failed primary sludge piping.
- Cleaned and calibrated the primary sludge flow meter.
- Staff attended the following training:
 - Forklift safety and operation.
- Submitted Reports
 - September 2017 Monthly Monitoring Data (eSMR)

- September 2017 Discharge Monitoring Forms (eDMR)

WASTEWATER – NEW WRF

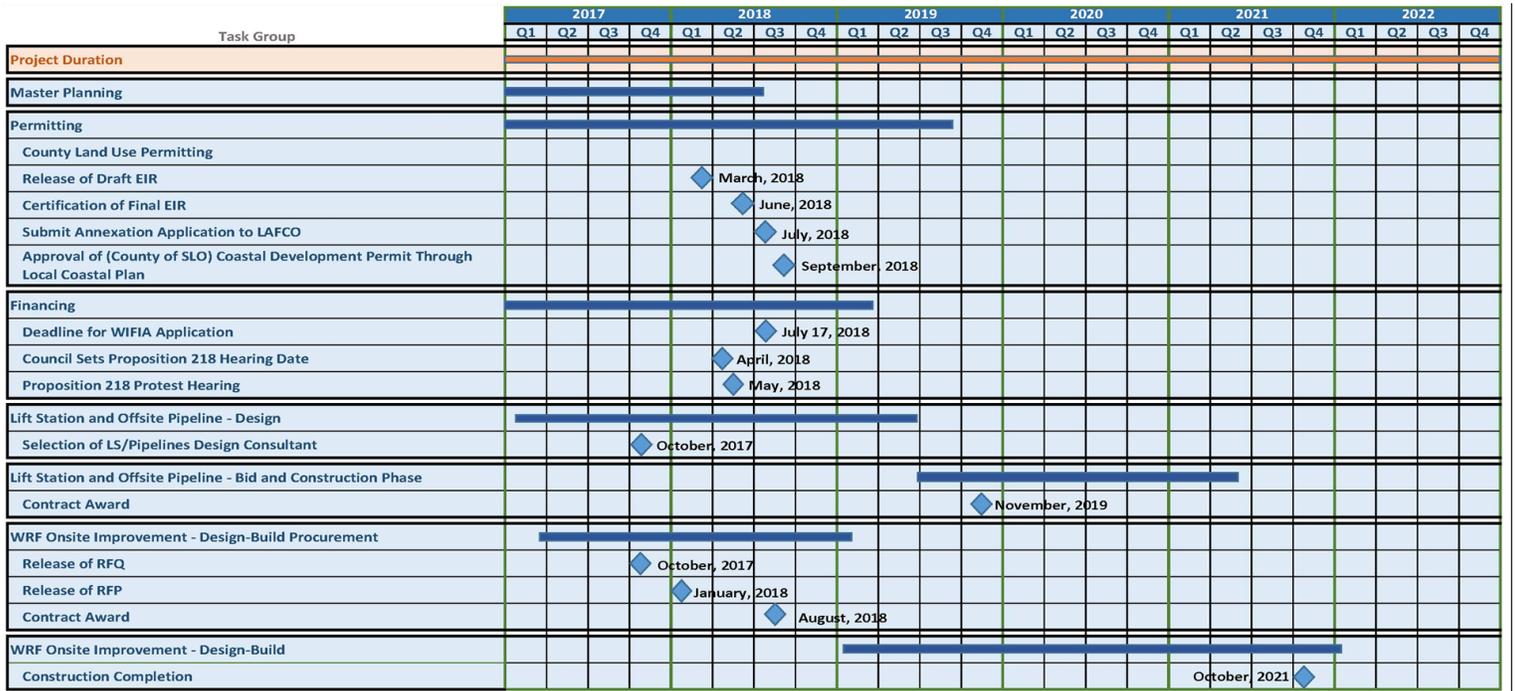
At the September 26, City Council meeting, City Council directed the following actions:

- Proceed with planning and permitting at South Bay Boulevard as preferred site
- Bring back project timeline within two weeks
- In consultation with financial experts, examine 2015 rate structure for money available for WRF Project
- Bring back discussion of program management structure and process, including assessment of available resources within the Public Works Department, in 30 days
- Revisit WRF Project goals to ensure accuracy before going out to bid.

At the October 10, City Council meeting, City Council directed staff proceed with the schedule that provides bids for the construction of the new WRF prior to performing the rate analysis. Additionally the Council scheduled the following actions:

- October 24 – Review and Approval RFQ and Confirmation of Project Goals
- November 14 – Award of Lift Station and Force Main design contract
- December 12 – Review of Existing Rate Assumptions and Determine how much could be funded with existing revenues
- December 12 – Review of Program Management Structure
- April 2018 – Council Start Rate Setting Process
- May 2018 – Council Hold Prop 218 Protest Hearing

Approved WRF Project Timeline



Additional and updated information on the WRF project is available on the City’s website (<http://morrobaywrf.com/>).

ATTACHMENTS

- Final 2017/2018 Street Preservation List
- Council Approved Work Plan

MB2018-ST01 PAVEMENT MANAGEMENT - PROJECT ANALYSIS

Code	Street ID	Section ID	PCI	Start	End	Region	Length	Width	Area	SYD	Treatment	Budget	\$\$/SF
	Alder	30	33	San Joaquin Street	Elena Street	Zone 2	635	36	22,860	2,540	3CSL	\$ 17,268.47	\$ 0.76
	Alder	10	41	Sequoia Street	San Jacinto Street	Zone 2	595	36	21,420	2,380	CSL	\$ 10,052.19	\$ 0.47
	Alder	20	44	San Jacinto Street	San Joaquin Street	Zone 2	630	36	22,680	2,520	M2	\$ 4,252.50	\$ 0.19
	Allesandro	10	45	Las Tunas Street	La Loma Avenue	Zone 4	1475	24	35,400	3,933	M2	\$ 6,637.50	\$ 0.19
	Atascadero	10	40	Embarcadero	Park Street	Zone 3	1260	32	40,320	4,480	3CS	\$ 37,688.00	\$ 0.93
	Barlow	10	44	Main Street	End	Zone 4	565	26	14,690	1,632	M2	\$ 2,754.38	\$ 0.19
	Bayview	10	38	Hill Street	Hillview Street	Zone 2	930	23	21,390	2,377	3CSL	\$ 19,564.88	\$ 0.91
	Birch	10	38	Sequoia Street	San Jacinto Street	Zone 2	620	38	23,560	2,618	3CSL	\$ 17,447.83	\$ 0.74
	Birch	20	28	San Jacinto Street	San Joaquin Street	Zone 2	620	36	22,320	2,480	3CS	\$ 20,863.00	\$ 0.93
	Butte	10	43	Las Tunas Street	End	Zone 4	350	38	13,300	1,478	CSL	\$ 6,044.31	\$ 0.45
	Cedar	10	47	Sequoia Street	San Jacinto Street	Zone 2	625	36	22,500	2,500	M2	\$ 4,218.75	\$ 0.19
	Cedar	20	35	San Jacinto Street	San Joaquin Street	Zone 2	620	36	22,320	2,480	3CSL	\$ 16,860.56	\$ 0.76
	Cedar	30	45	San Joaquin Street	Elena Street	Zone 2	590	31	18,290	2,032	M2	\$ 3,429.38	\$ 0.19
	Coral	30	50	Indigo Cir	San Jacinto St	Zone 1	495	45	22,275	2,475	M2	\$ 4,176.56	\$ 0.19
	Damar	10	50	Sandalwood Avenue	End	Zone 1	595	20	11,900	1,322	M2	\$ 2,231.25	\$ 0.19
	Dogwood	30	37	San Joaquin Street	Elena Street	Zone 2	575	36	20,700	2,300	3CSL	\$ 15,636.81	\$ 0.76
	Front	10	39	Harbor Street	North End (Embarcadero)	Zone 3	380	48	18,240	2,027	M2	\$ 3,420.00	\$ 0.19
	Front	20	48	Harbor Street	South End (Embarcadero)	Zone 3	430	40	17,200	1,911	M2	\$ 3,225.00	\$ 0.19
	Ironwood	50	44	Elena Street	Avalon Street	Zone 2	1855	36	66,780	7,420	3CSL	\$ 50,445.69	\$ 0.76
	Ironwood	60	45	Avalon Street	Mimosa Street	Zone 2	870	34	29,580	3,287	3CSL	\$ 22,835.08	\$ 0.77
	Ironwood	70	53	Mimosa Street	Highway 41	Zone 2	490	27	13,230	1,470	CSL	\$ 7,451.40	\$ 0.56
	Island	20	43	Sandalwood Avenue	Coral Avenue	Zone 1	350	20	7,000	778	CS	\$ 4,540.28	\$ 0.65
	Jamaica	15	40	Panorama Drive	Main St	Zone 1	880	22	19,360	2,151	CS	\$ 12,557.11	\$ 0.65
	Kings	15	32	Balboa Street	Pacific Street	Zone 4	300	24	7,200	800	3CSL	\$ 6,453.33	\$ 0.90
	Kodiak	15	42	Panorama Drive	Main St	Zone 1	880	20	17,600	1,956	CS	\$ 11,415.56	\$ 0.65
	Kodiak	30	39	Beachcomber Drive	End	Zone 1	655	21	13,755	1,528	CS	\$ 8,921.65	\$ 0.65
	La Loma	10	46	Balboa Street	Quintana Road	Zone 4	975	22	21,450	2,383	M2	\$ 4,021.88	\$ 0.19
	LasVegas	10	47	Elm Avenue	Main Street	Zone 2	700	24	16,800	1,867	M2	\$ 3,150.00	\$ 0.19
	Main	5	37	Zanzibar Street	Yerba Buena	Zone 1	195	35	6,825	758	3CSL	\$ 5,210.56	\$ 0.76
	Main	60	36	Quintana Place	Surf Street	Zone 3	585	52	30,420	3,380	3CSL	\$ 20,341.75	\$ 0.67
	MindoroWay	10	42	Beachcomber Drive	Mindoro Street	Zone 1	325	21	6,825	758	M2	\$ 1,279.69	\$ 0.18
	Monterey	50	50	Morro Bay Blvd	Pacific Street	Zone 3	300	44	13,200	1,467	M2	\$ 2,475.00	\$ 0.19
	Monterey	60	48	Pacific Street	Marina Street	Zone 3	300	44	13,200	1,467	M2	\$ 2,475.00	\$ 0.19
	OrcasST	30	33	Highway 1	End	Zone 1	515	21	10,815	1,202	M2	\$ 2,027.81	\$ 0.19
	OrcasST	15	34	Panorama Drive	Main St	Zone 1	1020	20	20,400	2,267	3CS	\$ 19,068.33	\$ 0.93
	OrcasWY	10	46	Orcas Street	End	Zone 1	360	21	7,560	840	M2	\$ 1,417.50	\$ 0.18
	Panay	30	44	Beachcomber Drive	End	Zone 1	465	21	9,765	1,085	M2	\$ 1,830.94	\$ 0.19
	Pico	10	39	East End	Main Street	Zone 2	825	21	17,325	1,925	CS	\$ 11,237.19	\$ 0.65
	Ridgeway	10	38	Fairview (East End)	Kings Ave	Zone 4	425	22	9,350	1,039	M2	\$ 1,753.13	\$ 0.19
	Ridgeway	15	50	Kings Ave	Arbutus Ave	Zone 4	775	22	17,050	1,894	M2	\$ 3,196.88	\$ 0.19
	Seaview	10	32	Hill Street	Avalon Street	Zone 2	1010	22	22,220	2,469	3CS	\$ 20,769.53	\$ 0.93
	Shasta	20	45	Olive Street	South Street	Zone 4	1430	35	50,050	5,561	CSL	\$ 23,890.93	\$ 0.48
	Sicily	30	32	Beachcomber Drive	End	Zone 1	350	21	7,350	817	3CS	\$ 6,870.21	\$ 0.93
	SouthBayBL	30	61	Twin Bridges	City Limit	Zone 4	2030	36	73,080	8,120	M2	\$ 13,702.50	\$ 0.19
	SouthBayBL	20	61	Quintana	Twin Bridges	Zone 4	3045	41	124,845	13,872	CSL	\$ 54,298.27	\$ 0.43
	Terra	10	34	Sandalwood Avenue	End	Zone 1	700	20	14,000	1,556	3CS	\$ 13,086.11	\$ 0.93
Total Length:							34,600		1,058,400 SF		Total Area (SF):	\$ 532,494.65	

Code	Street ID	Section ID	PCI	Start	End	Region	Length (7.05 Miles or 13%)	Width	Area	SYD	Treatment	Budget	\$/SF
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Total Collector/Arterial Area: \$249,690.97

MICRO SEAL TOTAL

	SF	SY	TON III	TON II (Agg Only, add X.X% for Oil)	
CS	75,040	8,338		63	
CSL	222,845	24,761		186	
3CS	126,610	14,068	176	106	
DCS	0	0		0	
M2	382,270	42,474		319	
3FCS	0	0	0	0	
3CSL	251,635	27,959	349	210	
3CSLF	0	0	0	0	
					+ 03% Contingency Round-Up
No			MicroType II	1014 @15% Oil	1045 1050Ton
			Micro Type III	591 @12.5% Oil	609 610Ton
			Fib Micro Type III	0 @12.5% Oil	0 0Ton

CHIP SEAL TOTALS

	SF	SY
CS	75,040	8,338
CSL	130,020	14,447
3CS	126,610	14,068
DCS	0	0
M2	0	0
3FCS	0	0
3CSL	158,070	17,563
3CSLF	0	0

SY CHIP SEAL= 75,126

MicroType II	\$225.00	TN	\$236,250.00
Micro Type III	\$206.00	TN	\$125,660.00
Fib Micro Type III	\$219.00	TN	\$0.00
Chip Seal	\$4.15	SY	\$311,771.06
Total			\$673,681.06

COST BREAK DOWN

\$836,000.00	Budget
\$75,125.56	CalRecycle Grant (added)
\$911,125.56	Total Budget
\$51,535.00	Minus Consultant Fee
\$859,590.56	Budget after Consultant Fee
\$75,505.00	Mobilication, Demo & Clean-up
\$20,000.00	Traffic Control
\$39,209.25	Traffic paint
\$673,681.06	Streets Preservation
\$808,395.31	Subtotal
\$40,419.77	5% Contengency
\$848,815.07	Cost of Streets Project
\$10,775.48	Difference between Budget and Cost of Streets

Item	Description	Expected PWAB Review
Public Works Advisory Board Work Program for City Council 2017/18 Goals & Objectives		
Goal Related Work Plan Items:		
Goal 2, Objective a	Provide input into the rate setting process for the new WRF.	Q4/17 and Q1/18
Goal 2, Objective f, g	Provide input regarding the City's Water Supply Options, through the OneWater process.	Q1/2/3/4
Goal 3, Objective a	Provide input to consider adding a street improvement tax measure to the November 2018 ballot.	Q2
Goal 3, Objective b	Provide input in the review of parking management plans and options in the downtown and waterfront districts; including the option of one or two moderately sized parking garages in waterfront / downtown areas of the City.	Q1/2
Goal 4, Objective a	Provide input to the GP/ LCP rewrite process, related to Public Works issues, such as traffic, water and wastewater (OneWater).	Q1/2
Goal 4, Objective d	Provide input to Code Enforcement outreach on existing codes related issues within the public rights of ways.	Q1
Routine Public Works Items:		
Goal 3, General	Continue to hold the annual streets summit, and review the proposed street improvement plans	Q2
Goal 3, Objective f	Review on an annual basis the level of maintenance provided to City facilities.	Q2
Goal 3, Objective f	Cloister's - Work with Cloisters subcommittee to develop maintenance plan that meets the needs of all parties and the public.	Q1/2/3/4-Ongoing in Directors Report
Goal 3, General	Review the annual Capital Improvement Program - make recommendations to Council for budget workshop. (holistic review of budget, prioritization, etc.)	Q3/4
Goal 2, General	Review the annual water report, includes conservation levels and allocation of future water availability	Q4
Board Requested Items:		
Goal 3, General	Review traffic control out at the entrance of the rock with the concept of keeping it a more natural style of traffic control	Q4
Goal 3, General	Provide an informational item regarding Garbage and Recycling	Q1
Goal 3, General	Evaluate rock parking lot trash receptacles and other public spaces and consider writing ordinance to require public trash cans include closures	Q3 - Ongoing in Directors Report

Items added or modified by Council consensus at their 13 June 2017 meeting



AGENDA NO: B-2

MEETING DATE: October 18, 2017

Staff Report

TO: Public Works Advisory Board **DATE:** October 12, 2017

FROM: Mike Wilcox – Maintenance Superintendent
Damaris Hanson – Environmental Programs Manager

SUBJECT: Street Sweeping Program

RECOMMENDATION

Review and provide any comments to staff as appropriate.

FISCAL IMPACT

The City entered into an agreement with SP Maintenance on January 11th, 2011 to provide all street sweeping requirements for \$57,044.25 per year, or \$4,753.69 per month. In 2014 the street sweeping schedule changed, reduced number of streets and frequency, therefore the city amended the agreement to reflect those changes. The current agreement is valued at \$37,582.56 per year or \$3,131.88 per month.

BACKGROUND/ DISCUSSION

There are many reasons cities sweep streets; aesthetics-curb appeal, safety, pavement preservation and pollution prevention. Morro Bay has had a street sweeping program since the 70's. This program has changed many times over the years. Currently the City sweeps our streets for stormwater permit compliance and pollution prevention reasons.

The City has a permit from the State Water Resources Control Board (SWRQB) for stormwater discharges (General Permit). This permit has several different elements the City is required to implement for compliance. Street sweeping is included in the municipal pollution prevention and good housekeeping element of the permit. The permit specifies where the street sweeping shall occur, which streets, and the frequency the streets must be swept for permit compliance. The current permit requires:

- Heavily soiled areas, the Embarcadero and Downtown streets, shall be swept on a weekly basis
- Streets with curb and gutter, located outside of the heavily soiled areas, are to be swept twice a month.

Prepared By: _____ Dept Review: _____

- City owned parking lots are to be swept semi-monthly
- All remaining streets, without curb and gutter, are to be swept once a year prior to the rainy season (before the end of October)

Street sweeping is an important part of the municipal pollution prevention and good housekeeping practices because sweeping cleans up litter and prevents pollutants from entering our environment. Particulate matter or “street dirt” tends to accumulate along the curbs of the streets. This “street dirt” contains many stormwater pollutants such as sediment, nutrients, metals, hydrocarbons, bacteria, pesticides, trash and other toxic chemicals. Street sweeping can remove these particles before they are washed in the storm drain system and into our environment. The amount of “street dirt” that has been removed from the City streets is tracked on an annual basis. On average the amount removed from Morro Bay streets is 220-250 tons per year of “street dirt”.

CONCLUSION

SP Maintenance has recently expressed an interest to renegotiate the agreement over concerns about increased fuel and debris hauling costs. The city will likely address these concerns by re-circulating a Request for Proposal (RFP) to multiple vendors including SP Maintenance. The current street sweeping schedule is regulated by the General Permit therefore to reduce any street sweeping frequency would require the Regional Water Quality Control Board (RWQCB) approval.

ATTACHMENT

1. Street sweeping map

Revised Street Sweeping Frequency



Sweep Frequency

- Annually (52.4 curb-miles)
- Twice a Month (37.2 curb-miles)
- Weekly (8.8 curb-miles)
- Twice a Month - Parking Lot

0 0.125 0.25 0.5 0.75 1 Miles

