



City of Fort Bragg

416 N Franklin Street
Fort Bragg, CA 95437
Phone: (707) 961-2823
Fax: (707) 961-2802

Meeting Agenda Public Works and Facilities Committee

Thursday, June 13, 2024

3:00 PM

Town Hall, 363 N. Main Street and Via Video
Conference

MEETING CALLED TO ORDER

ROLL CALL

COMMITTEE MEMBERS PLEASE TAKE NOTICE

Committee Members are reminded that pursuant to the Council policy regarding use of electronic devices during public meetings adopted on November 28, 2022, all cell phones are to be turned off and there shall be no electronic communications during the meeting. All e-communications such as texts or emails from members of the public received during a meeting are to be forwarded to the City Clerk after the meeting is adjourned.

ZOOM WEBINAR INVITATION

This meeting is being presented in a hybrid format, both in person at Town Hall and via Zoom.

You are invited to a Zoom webinar.

When: Jun 13, 2024 03:00 PM Pacific Time (US and Canada)

Topic: Public Works & Facilities Committee

Please click the link below to join the webinar:

<https://us06web.zoom.us/j/85093755203>

*Or Telephone: +1 669 444 9171 US +1 719 359 4580 US(*6 mute/unmute; *9 raise hand)*

Webinar ID: 850 9375 5203

To speak during public comment portions of the agenda via zoom, please join the meeting and use the raise hand feature when the Chair or Acting Chair calls for public comment on the item you wish to address. Written public comments may be submitted to erenofortbragg.com

1. APPROVAL OF MINUTES

[24-808](#)

Approve Minutes of May 20, 2024

Attachments: [05202024 PWF Minutes](#)

2. PUBLIC COMMENTS ON NON-AGENDA ITEMS

3. CONDUCT OF BUSINESS

[24-810](#)

Presentation of Technical Memorandum for 2025 Pavement Preservation Project to Discuss Recommendations of Scope Changes from the Initial Project Area

Attachments: [2025 Pavement Preservation and Rehabilitation Project TM](#)

4. MATTERS FROM COMMITTEE / STAFF

ADJOURNMENT

STATE OF CALIFORNIA)
)ss.
COUNTY OF MENDOCINO)

I declare, under penalty of perjury, that I am employed by the City of Fort Bragg and that I caused this agenda to be posted in the City Hall notice case on June 10, 2024.

Emily Reno, Administrative Assistant

NOTICE TO THE PUBLIC

DISTRIBUTION OF ADDITIONAL INFORMATION FOLLOWING AGENDA PACKET DISTRIBUTION:

- *Materials related to an item on this Agenda submitted to the Council/District/Agency after distribution of the agenda packet are available for public inspection in the lobby of City Hall at 416 N. Franklin Street during normal business hours.*
- *Such documents are also available on the City of Fort Bragg's website at <http://city.fortbragg.com> subject to staff's ability to post the documents before the meeting*

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Text File

File Number: 24-808

Agenda Date: 6/13/2024

Version: 1

Status: Business

In Control: Public Works and Facilities Committee

File Type: Committee Minutes

Approve Minutes of May 20, 2024



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Meeting Minutes Public Works and Facilities Committee

Monday, May 20, 2024

3:00 PM Town Hall, 363 N. Main Street and Via Video Conference

Special Meeting

MEETING CALLED TO ORDER

Committee Member Tess Albin-Smith called meeting to order at 3:05 PM

ROLL CALL

Committee Members Tess Albin-Smith and Lindy Peters present. City Staff; Assistant Director Chantell O'Neal, City Manager Isaac Whippy, and Administrative Assistant Emily Reno present.

1. APPROVAL OF MINUTES

- A. [24-609](#) Approve Minutes of February 08, 2024
Committee members Peters and Albin-Smith approved minutes as presented
- B. [24-676](#) Approve Minutes of March 21, 2024
Committee members Peters and Albin-Smith approved minutes as presented

2. PUBLIC COMMENTS ON NON-AGENDA ITEMS

Public Comment was received by Jacob Patterson

3. CONDUCT OF BUSINESS

- A. [24-760](#) Review Design Options for Park Pavilion and Make Recommendation to City Council to Authorize Consultant to Proceed with Construction Documents for Bainbridge Park Enhancement Project

Assistant Director Chantell O'Neal gave a brief overview of the project and introduced Patrick from Melton Design Group who is the design consultant for the project.

Patrick discussed the significance of the Bainbridge Park Master Plan and its relevance to today's conversation. He then presented four potential pavilion locations, with two size options, highlighting the advantages and disadvantages of each site. Additionally, he provided a sun path analysis for each location. Patrick also explained how the pavilions would fit into the overall park design, including their integration with adding additional picnic tables.

Discussion: Committee Member Peters expressed his approval of the middle location pavilion option one in the larger size and elaborated on why he believes that would be the best location

and size.

Committee Member Albin-Smith explained while she does favor the location of option four she would prefer to see an option that is round instead of square and is more centrally located in the lawn area. She also expressed she is not in favor of the tiled look to match the Veterans building and would prefer to see something with redwood.

Committee Member Peters summarized that while the committee members may not agree on location and design they both agree that we need a pavilion in Bainbridge Park and recommended taking the discussion back to City Council.

City Manager Isaac Whippy inquired about the height of the stage and what is located behind. Patrick explained the options for backdrops and height.

Public Comment was received from Jacob Patterson and Jenny.

Assistant Director Chantell O'Neal summarized direction received from Committee Members and proposed options to bring to City Council.

4. MATTERS FROM COMMITTEE / STAFF

Assistant Director Chantell O'Neal announced details for compost giveaway event at C.V Starr.

ADJOURNMENT

Committee Member Tess Albin-Smith adjourned the meeting at 3:49 PM.



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Text File

File Number: 24-810

Agenda Date: 6/13/2024

Version: 1

Status: Business

In Control: Public Works and Facilities Committee

File Type: Staff Report

Presentation of Technical Memorandum for 2025 Pavement Preservation Project to Discuss Recommendations of Scope Changes from the Initial Project Area

DATE: June 6, 2024
TO: Chantell O’Neal, Assistant Director; Engineering Division – City of Ft. Bragg
FROM: Aaron Brusatori, P.E., Group Manager; Engineering Division – Lumos & Associates
CC: Brian Harer, Senior Project Manager; Construction Division – Lumos & Associates
SUBJECT: City of Ft. Bragg 2025 Pavement Preservation & Rehabilitation Project

Dear Ms. O’Neal,

On February 16, 2024, Lumos and Associates performed a site visit to evaluate the existing conditions of roadways identified for Maintenance and Rehabilitation (M&R) by City of Ft. Bragg. The project selection and proposed M&R strategies were identified utilizing the City’s StreetSaver® pavement management database. Forty-six (46) pavement management sections were identified as candidates for inclusion in the City’s 2025 Pavement Preservation and Rehabilitation Project. Table 1 includes the proposed pavement management sections, StreetSaver® M&R recommendation, and Lumos’s visual observation and M&R recommendation.

TABLE 1

Street Name	From	To	StreetSaver® M&R	Lumos M&R
Maple ST. 005	ALLEY BETWEEN WHIPPLE HARRISON	S. FRANKLIN	AC OVERLAY 2 INCHES	MICROSURFACING W/ CRACK SEAL AND 3% DIGOUTS.
AIRPORT ROAD	W/C.L. SIGN 5+87	E.EDGE HWY1 @ LIMIT LINE 8+55	SLURRY SEAL W/CRACK SEAL	SURFACE TREATMENT, CRACK SEAL, NO PATCHES
BOATYARD DR. 001	5+30 FORM HWY1 0+00	4+32 FROM BEGIN	SLURRY SEAL W/CRACK SEAL	SURFACE TREATMENT, CRACK SEAL, PATCH AT SR1
EAST ALDER 001	E.F CURB HWY 1 0+00	W.F.CURB N.FRANKLIN ST. 3+40	SLURRY SEAL W/CRACK SEAL	SURFACE TREATMENT, CRACK SEAL, NO PATCHES
EAST CYPRESS ST. 001	END OF KEMPEE @ VALVE BOX 0+0	W.F.CURB RIVER DRV 12+96	SLURRY SEAL W/CRACK SEAL	SURFACE TREATMENT W/ CRACK SEAL AND 3% DIGOUTS
NORTH HARBOR DRIVE 002	E.F.CURB S FRANKLIN ST. 0+00	E.F.CURB HWY 1 4+55	SLURRY SEAL W/CRACK SEAL	SURFACE TREATMENT W/ CRACK SEAL AND 3% DIGOUTS
NORTH HAROLD ST. 006	LAUREL ST	ALDER ST	SLURRY SEAL W/CRACK SEAL	SURFACE TREATMENT W/ CRACK SEAL AND 1% DIGOUTS
EAST OAK ST. 001	E.F. CURB HWY 1 0+00	W.F.CURB McKINLEY 32+25	SLURRY SEAL W/CRACK SEAL	SURFACE TREATMENT W/ CRACK SEAL AND 3% DIGOUTS

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Street Name	From	To	StreetSaver® M&R	Lumos M&R
PERKINS WAY	N.F. CURB E. FIR ST. 0+00	@ DEAD END 10+53	SLURRY SEAL W/CRACK SEAL	SURFACE TREATMENT, CRACK SEAL, NO PATCHES
WALL ST. 001	WILLOW	N.F. CURB@ALLEY ST 13+50	SLURRY SEAL W/ CRACK SEAL	SURFACE TREATMENT W/ CRACK SEAL AND 2% DIGOUTS
WALL ST. 002	E.F. CURB @ ALLEY 0+00	N.F. CURB CHESTNUT ST.	SLURRY SEAL W/ CRACK SEAL	SURFACE TREATMENT W/ CRACK SEAL AND 2% DIGOUTS
HAZELWOOD ST.	S.F. SOUTH ST. 0+00	HYDRANT @ END OF ST.3+60	MICROSURFACING W/ CRACK SEAL AND 3% DIGOUTS	MICROSURFACING W/ CRACK SEAL AND 3% DIGOUTS
MADRONE ST. 002	CORRY ST	W.F. CURB @ HAROLD 13+00	MICROSURFACING W/ CRACK SEAL AND 3% DIGOUTS	MICROSURFACING W/ CRACK SEAL AND 3% DIGOUTS
OCEAN VIEW DRV.WEST 001	W.F. CURB HWY1 0+00	4+18 FROM W.F. HWY1	MICROSURFACING W/ CRACK SEAL AND 3% DIGOUTS	SURFACE TREATMENT, CRACK SEAL, NO PATCHES
WALNUT ST. 001	W.F.CURB GROVE 0+00	WHIPPLE	MICROSURFACING W/ CRACK SEAL AND 3% DIGOUTS	MICROSURFACING W/ CRACK SEAL AND 3% DIGOUTS. EAST 100' DOUBLE COURSE MICROSURFACING
MADRONE ST .001	E.F. CURB @ HWY 1 0+00	W.F. CURB @ McPHERSON ST. 6+50	MICROSURFACING W/ CRACK SEAL AND 5% DIGOUTS	MICROSURFACING W/ CRACK SEAL AND 3% DIGOUTS
MANZANITA ST.	W.F. CURB N. FRANKLIN ST.0+00	E.F. CURB HWY1 3+30	MICROSURFACING W/ CRACK SEAL AND 5% DIGOUTS	MICROSURFACING W/ CRACK SEAL AND 5% DIGOUTS
WILLOW ST. 001	W.F.CURB S.SANDERSON 0+00	E.EDGE ALLEY LIVINGSTON 6+23	MICROSURFACING W/ CRACK SEAL AND 5% DIGOUTS	MICROSURFACING W/ CRACK SEAL AND 7% DIGOUTS
CEDAR ST. 002	END CURB 1320 CEDAR 0+00	1631 EAST PROP. LINE 8+90	THICK MILL AND OVERLAY	THICK MILL AND OVERLAY
HARBOR AVE	OCEAN VIEW DR	SOUTH END	THICK MILL AND OVERLAY	THICK MILL AND OVERLAY
LONNE WAY	E.F. SNADERSON 0+00	END OF CULDESAC 4+87	THICK MILL AND OVERLAY	CONFORM MILL AND OVERLAY
N100D	E OAK ST	E ALDER ST	THICK MILL AND OVERLAY	MILL, REGRADE, OVERLAY
N102C	N101C	MAIN ST	THICK MILL AND OVERLAY	THICK MILL AND OVERLAY
N300E	E REDWOOD AVE	E LAUREL ST	SINGLE CHIP SEAL	MICROSURFACING W/ CRACK SEAL
S100J	MADRONE ST	E OAK ST	SINGLE CHIP SEAL	SINGLE CHIP SEAL
S301N	S302N	WILLOW ST	SINGLE CHIP SEAL	SINGLE CHIP SEAL
S302N	S301N	WALL ST	SINGLE CHIP SEAL	CAPE SEAL

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Street Name	From	To	StreetSaver® M&R	Lumos M&R
SOUTH LINCOLN ST.	MAPLE ST	WILLOW ST	AC OVERLAY 2 INCHES	MICROSURFACING W/ CRACK SEAL AND 3% DIGOUTS.
CHESTNUT ST. 002	END CURB-GUTTER @001,0+00	S. WHIPPLE	SLURRY SEAL W/ CRACK SEAL	SURFACE TREATMENT W/ CRACK SEAL AND 2% DIGOUTS
DUBOIS LANE	S.F. CURB WALNUT 0+00	END OF PAVEMENT 2+07	SLURRY SEAL W/ CRACK SEAL	SLURRY SEAL W/ CRACK SEAL
EAST LAUREL 002	E.F.CURB N.HARRISON 0+00	W.F.CURB N.HAROLD 10+05	SLURRY SEAL W/ CRACK SEAL	SURFACE TREATMENT W/ CRACK SEAL AND 1% DIGOUTS
EAST OAK ST. 002	E.F. CURB McKINLEY ST. 0+00	BACK E.SIDE SDWLK. DANA 17+25	SLURRY SEAL W/ CRACK SEAL	SURFACE TREATMENT W/ CRACK SEAL AND 3% DIGOUTS
CHESTNUT ST. 003	SANDERSON WY	END OF STREET (9+75)	RUBBERIZED CHIP SEAL+MICROSURFACING W/ 3% DIGOUTS	MICROSURFACING W/ CRACK SEAL AND 3% DIGOUTS.
WEST ELM ST.	W.F. CURB HWY1 0+00	W.EDGE PAVEMENT 10+30	RUBBERIZED CHIP SEAL+MICROSURFACING W/ 3% DIGOUTS	DOUBLE COURSE MICROSURFACING W/ CRACK SEAL AND 3% DIGOUTS
JEWETT ST.	S.F.SIDEWALK OAK ST.0+00	END OF CULDESAC 5+36	MICROSURFACING W/ CRACK SEAL AND 5% DIGOUTS	DOUBLE COURSE MICROSURFACING W/ CRACK SEAL
LIVINGSTON ST.	S.F.CURB OAK 0+00	N.F.CURB WILLOW ST.6+17	MICROSURFACING W/ CRACK SEAL AND 5% DIGOUTS	MICROSURFACING W/ CRACK SEAL AND 5% DIGOUTS.
NORTH HARBOR DRIVE 001	CITY LIMITS @ GUARD RAIL 0+00	E.F.CURB S. FRANKLIN 19+90	MICROSURFACING W/ CRACK SEAL AND 5% DIGOUTS	SURFACE TREATMENT W/ CRACK SEAL AND 3% DIGOUTS
DENNISON LANE	S.EDGE OF PAVEMENT 0+00	N.W.PROP LN. STANLEY 8+53	THICK MILL AND OVERLAY	THICK MILL AND OVERLAY
JOHN CIMOLINO WAY	STEWART ST	END	THICK MILL AND OVERLAY	DOUBLE COURSE MICROSURFACING W/ CRACK SEAL AND 3% DIGOUTS
N100E	E OAK ST	E ALDER ST	THICK MILL AND OVERLAY	THICK MILL AND OVERLAY
S202F	MAPLE ST	105' N/O MAPLE ST	THICK MILL AND OVERLAY	THICK MILL AND OVERLAY
WALNUT ST.	GROVE ST	EAST END	THICK MILL AND OVERLAY	THICK MILL AND OVERLAY
WEST CYPRESS	WEST END	S MAIN ST	THICK MILL AND OVERLAY	MICROSURFACING W/ CRACK SEAL AND 2% DIGOUTS
CHIEF CELERI DR	W OAK ST	W ALDER ST	12" FDR W/ 4" HMA	REHABILITATION

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Street Name	From	To	StreetSaver® M&R	Lumos M&R
S500D	WALNUT ST	E CHESTNUT ST	SINGLE CHIP SEAL	MICROSURFACING W/ CRACK SEAL
MAPLE ST. 001	W.F.CURB S.LINCOLN 0+00	S.HAROLD	SEAL CRACKS	SURFACE TREATMENT W/ CRACK SEAL AND NO PATCHING

Areas identified for "Surface Treatment" are proposed to receive either a Slurry Seal or Microsurfacing treatment. Pavement condition and existing curb ramp compliance will receive a complete review during our upcoming field assessment. Upon the conclusion of our assessment, Lumos will provide specific surface treatment and pedestrian access ramp improvement recommendations.

Based upon the proposed treatments identified during our initial site visit, it is our recommendation that the 2025 Pavement Preservation Project be limited to surface treatments (slurry seal and/or microsurfacing) only. The small quantities of work identified for Corrective Maintenance and Rehabilitation would likely result in bid pricing far in excess of those typical for the area due to the lack of production quantities and discontinuity of the proposed work. The four streets identified in italic text are recommended for reconstruction in StreetSaver®, however our observations of these streets suggests they are good candidates for surface treatment. The proposed surface treatment candidate are included in Table 2.

TABLE 2

Street Name	From	To	Lumos M&R	5/30 Notes
AIRPORT ROAD	W/C.L. SIGN 5+87	E.EDGE HWY1 @ LIMIT LINE 8+55	SURFACE TREATMENT, CRACK SEAL, NO PATCHES	
BOATYARD DR. 001	5+30 FORM HWY1 0+00	4+32 FROM BEGIN	SURFACE TREATMENT, CRACK SEAL, PATCH AT SR1	
CHESTNUT ST. 002	END CURB-GUTTER @001,0+00	S. WHIPPLE	SURFACE TREATMENT W/ CRACK SEAL AND 2% DIGOUTS	Apply Microsurface to fill ruts over waterline trench
CHESTNUT ST. 003	SANDERSON WY	END OF STREET (9+75)	MICROSURFACING W/ CRACK SEAL AND 3% DIGOUTS.	
EAST ALDER 001	E.F CURB HWY 1 0+00	W.F.CURB N.FRANKLIN ST. 3+40	SURFACE TREATMENT, CRACK SEAL, NO PATCHES	Protect in place red X-walks
EAST CYPRESS ST. 001	END OF KEMPEE @ VALVE BOX 0+0	W.F.CURB RIVER DRV 12+96	SURFACE TREATMENT W/ CRACK SEAL AND 3% DIGOUTS	
EAST LAUREL 002	E.F.CURB N.HARRISON 0+00	W.F.CURB N.HAROLD 10+05	SURFACE TREATMENT W/ CRACK SEAL AND 1% DIGOUTS	SD MP identified drainage issue at Laurel and Whipple and did not identify a solution.

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Street Name	From	To	Lumos M&R	5/30 Notes
EAST OAK ST. 001	E.F. CURB HWY 1 0+00	W.F.CURB McKINLEY 32+25	SURFACE TREATMENT W/ CRACK SEAL AND 3% DIGOUTS	City to provide digital plans.
EAST OAK ST. 002	E.F. CURB McKINLEY ST. 0+00	BACK E.SIDE SDWLK. DANA 17+25	SURFACE TREATMENT W/ CRACK SEAL AND 3% DIGOUTS	Update striping planned with striping from pervious project.
HAZELWOOD ST.	S.F. SOUTH ST. 0+00	HYDRANT @ END OF ST.3+60	MICROSURFACING W/ CRACK SEAL AND 3% DIGOUTS	
<i>JOHN CIMOLINO WAY</i>	<i>STEWART ST</i>	<i>END</i>	<i>DOUBLE COURSE MICROSURFACING W/ CRACK SEAL AND 3% DIGOUTS</i>	
LIVINGSTON ST.	S.F.CURB OAK 0+00	N.F.CURB WILLOW ST.6+17	MICROSURFACING W/ CRACK SEAL AND 5% DIGOUTS.	
MADRONE ST .001	E.F. CURB @ HWY 1 0+00	W.F. CURB @ McPHERSON ST. 6+50	MICROSURFACING W/ CRACK SEAL AND 3% DIGOUTS	
MADRONE ST. 002	CORRY ST	W.F. CURB @ HAROLD 13+00	MICROSURFACING W/ CRACK SEAL AND 3% DIGOUTS	
MANZANITA ST.	W.F. CURB N. FRANKLIN ST.0+00	E.F. CURB HWY1 3+30	MICROSURFACING W/ CRACK SEAL AND 5% DIGOUTS	
<i>Maple ST. 005</i>	<i>ALLEY BETWEEN WHIPPLE HARRISON</i>	<i>S. FRANKLIN</i>	<i>MICROSURFACING W/ CRACK SEAL AND 3% DIGOUTS.</i>	Groundwater percs through paved surface. West 1/2 is in poorer condition.
NORTH HARBOR DRIVE 001	CITY LIMITS @ GUARD RAIL 0+00	E.F.CURB S. FRANKLIN 19+90	SURFACE TREATMENT W/ CRACK SEAL AND 3% DIGOUTS	Restripe to prohibit left turn onto SR1.
OCEAN VIEW DRV.WEST 001	W.F. CURB HWY1 0+00	4+18 FROM W.F. HWY1	SURFACE TREATMENT, CRACK SEAL, NO PATCHES	
PERKINS WAY	N.F. CURB E. FIR ST. 0+00	@ DEAD END 10+53	SURFACE TREATMENT, CRACK SEAL, NO PATCHES	
S301N	WILLOW ST	S302	SURFACE TREATMENT, 3% DIGOUTS	
S302N	S301N	WALL ST	SURFACE TREATMENT, CRACK SEAL	Low Priority
WALL ST. 001	WILLOW	N.F. CURB@ALLEY ST 13+50	SURFACE TREATMENT W/ CRACK SEAL AND 2% DIGOUTS	
WALL ST. 002	E.F. CURB @ ALLEY 0+00	N.F. CURB CHESTNUT ST.	SURFACE TREATMENT W/ CRACK SEAL AND 2% DIGOUTS	

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Street Name	From	To	Lumos M&R	5/30 Notes
WALNUT ST. 001	W.F. CURB GROVE 0+00	WHIPPLE	MICROSURFACING W/ CRACK SEAL AND 3% DIGOUTS. EAST 100' DOUBLE COURSE MICRO	
WILLOW ST. 001	W.F.CURB S.SANDERSON 0+00	E.EDGE ALLEY LIVINGSTON 6+23	MICROSURFACING W/ CRACK SEAL AND 7% DIGOUTS	
WEST ELM ST.	W.F. CURB HWY1 0+00	W.EDGE PAVEMENT 10+30	DOUBLE COURSE MICROSURFACING W/ CRACK SEAL AND 3% DIGOUTS	
Streets identified as low priority – only include if budget allows				
DUBOIS LANE	S.F. CURB WALNUT 0+00	END OF PAVEMENT 2+07	SLURRY SEAL W/ CRACK SEAL	Low Priority
NORTH HARBOR DRIVE 002	E.F.CURB S FRANKLIN ST. 0+00	E.F.CURB HWY 1 4+55	SURFACE TREATMENT W/ CRACK SEAL AND 3% DIGOUTS	Low Priority, existing sewer line needs to be repaired
S500D	WALNUT ST	E CHESTNUT ST	MICROSURFACING W/ CRACK SEAL	red x-walks need to be repainted
S101J	E. OAK ST	MADRONE ST	SURFACE TREATMENT, DRAINAGE AND CRACK SEAL	Low Priority
<i>SOUTH LINCOLN ST.</i>	<i>MAPLE ST</i>	<i>WILLOW ST</i>	<i>MICROSURFACING W/ CRACK SEAL AND 3% DIGOUTS.</i>	Low Priority, first to consider if funding is available.
Streets identified for removal from project				
JEWETT ST.	S.F. SIDEWALK OAK ST.0+00	END OF CULDESAC 5+36	DOUBLE COURSE MICROSURFACING W/ CRACK SEAL	Remove from project due to need for underground storm drainage.
MAPLE ST. 001	W.F. CURB S. LINCOLN 0+00	S. HAROLD	SURFACE TREATMENT W/ CRACK SEAL AND NO PATCHING *This section was recently reconstructed.	Remove from project due to recent striping.
N300E	E REDWOOD AVE	E LAUREL ST	MICROSURFACING W/ CRACK SEAL	Remove from project
NORTH HAROLD ST. 006	LAUREL ST	ALDER ST	SURFACE TREATMENT W/ CRACK SEAL AND 1% DIGOUTS	Remove from project due to recent striping.
<i>WEST CYPRESS</i>	<i>WEST END</i>	<i>S MAIN ST</i>	<i>MICROSURFACING W/ CRACK SEAL AND 2% DIGOUTS</i>	<i>Do not include with project due to cost to repair underground utilities</i>

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The 2011 Alley Master Plan recommends improvements to several of the alleys that are subject to improvements with this project. The table below shows the subject alleys and the recommended improvements from the 2011 Alley Master Plan. The costs above do not include grading and drainage improvements to the Alleys. During the Kickoff Meeting on 4/30/24 it was decided that only surface treatment would be considered for the alleys, if budget allows.

Alley	Master Plan Improvement	Notes
S500D	COM-1 Alley, Figure IV-7	Surface Treatment only, if budget allows inclusion w project.
S101J	CPM-3 Alley, Figure IV-9	Surface Treatment only, if budget allows inclusion w project.
S301N	Com-1 Alley, Figure IV-7	Surface Treatment only, if budget allows inclusion w project.
S302N	Com-1Alley, Figure IV-7	Surface Treatment only, if budget allows inclusion w project.

During our Kickoff Meeting, Operations and Maintenance staff identified concerns with drainage on Laurel Street, specifically the bubblers at N. Whipple St and N. Corry St. Research was performed into the 2004 Storm Drainage Master Plan (Pages 44 – 47). Discussion on page 44 identified the cross drain at the intersection of Laurel St. and Whipple St. as not functioning properly. The study also stated that in January and February of 2004 City engineering staff was working on a design to improve the drainage at this location, and therefore the Master Plan did not include recommendations for resolution. If the City would like to improve drainage at the bubblers along Laurel St. with this project, we will need to collect additional topographic information to facilitate design of a solution.

Based upon our initial recommendations and our 4/30 discussion, we have included the updated preliminary cost estimate below:

Surface Treatment - Slurry and Microsurface (High Priority)

	Quantity	Units	Unit Cost	Total
Mobilization	1	LS	10%	\$ 177,921
Traffic Control	1	LS	12%	\$ 213,505
Remove & Replace Stripe/legends/markings	831,751	SF	\$ 0.55	\$ 457,463
4" Digouts (local streets)	19,289	SF	\$ 11.00	\$ 212,179
Microsurface	363,093	SF	\$ 2.00	\$ 726,186
Curb Ramps	15	EA	\$ 7,000.00	\$ 105,000
Slurry Seal Type II (Bid Alt)	468,658	SF	\$ 0.59	\$ 278,383
				\$ 2,170,637
Planning Level Contingency			25%	\$ 375,207
				\$ 2,545,844

Surface Treatment - Slurry and Microsurface (Low Priority)

	Quantity	Units	Unit Cost	Total
Remove & Replace Stripe/legends/markings	38,019	SF	\$ 0.55	\$ 20,910
4" Digouts (local streets)	691	SF	\$ 11.00	\$ 7,601
Microsurface	32,844	SF	\$ 2.00	\$ 65,688
Curb Ramps	3	EA	\$ 7,000.00	\$ 21,000
Slurry Seal Type II (Bid Alt)	5,175	SF	\$ 0.59	\$ 3,074
				\$ 118,273
Planning Level Contingency			25%	\$ 28,800
				\$ 147,073

Eldorado Hills Office

3480 El Dorado Hills Boulevard, Suite 301, El Dorado Hills, CA 95762
Tel. 916.980.8228 / Fax. 775.827.6112

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Based upon the estimated construction budget, it is suggested the low priority areas be removed from the project.

We appreciate the opportunity to present our preliminary findings and are excited for the opportunity to assist the city of Ft. Bragg with a successful pavement preservation project.

Respectfully,



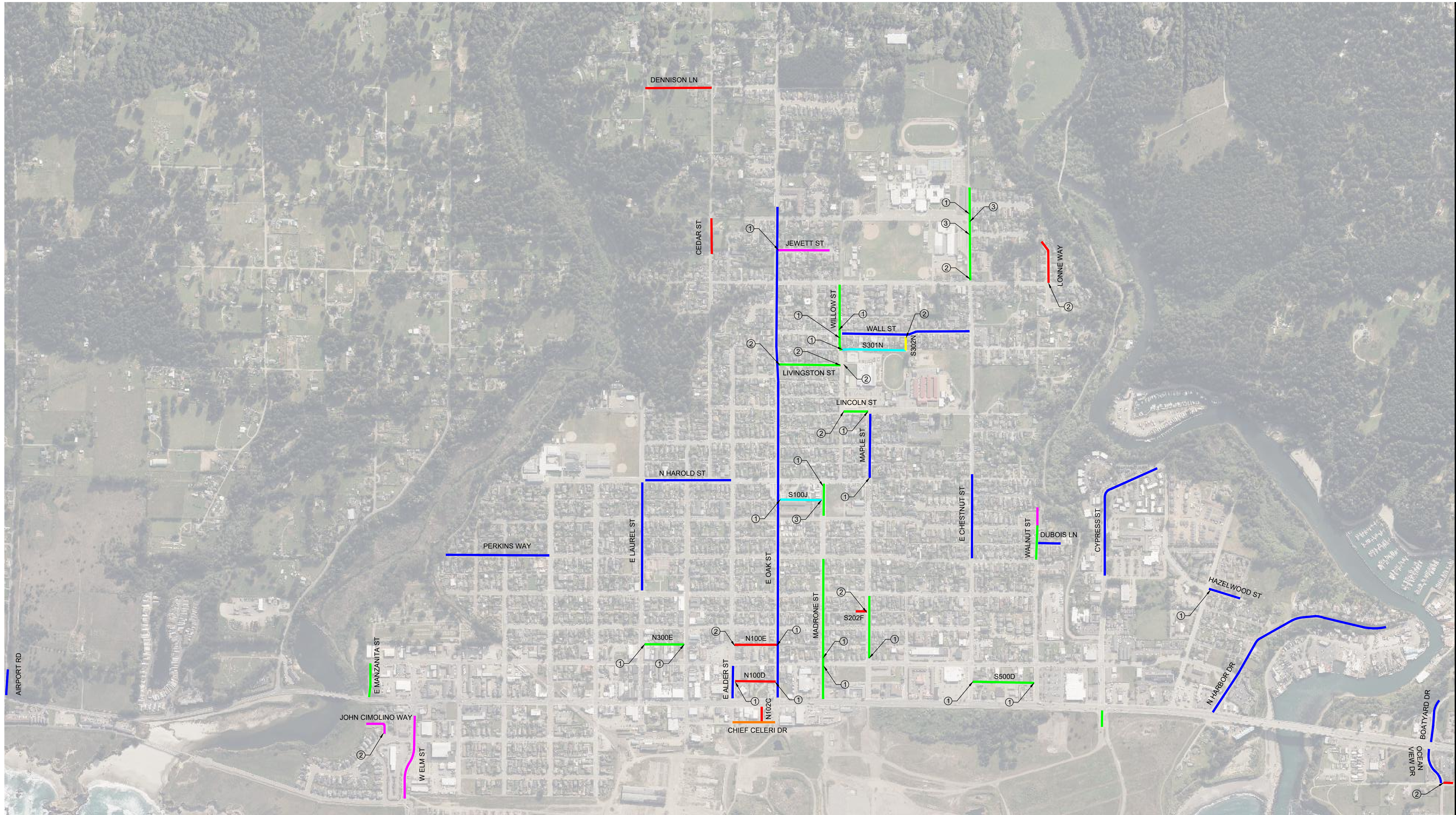
Aaron Brusatori, P.E.
Group Manager
Engineering Division

Attachments: 10% Schematic Design

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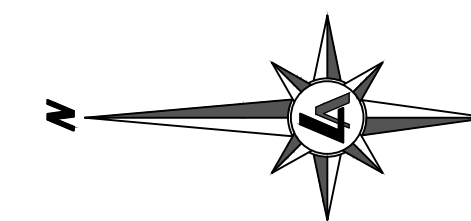
NOTES:

* ALL PEDESTRIAN RAMP RECOMMENDATIONS ARE PRELIMINARY UNTIL FIELD EVALUATIONS HAVE BEEN COMPLETED

- ① 2 POTENTIAL PEDESTRIAN RAMPS TO BE REPLACED
- ② 2 PEDESTRIAN RAMPS TO BE REPLACED
- ③ 1 PEDESTRIAN RAMP TO BE REPLACED

LEGEND:

- █ MILL AND OVERLAY
- █ MICROSURFACE
- █ DOUBLE MICROSURFACE
- █ SURFACE TREATMENT
- █ CHIP SEAL
- █ CAPE SEAL
- █ REHABILITATION



0 500' 1000'
 22x34 SHEETS = HORIZONTAL: 1"=500'
 11x17 SHEETS = HORIZONTAL: 1"=1000'

CITY OF FORT BRAGG
**FORT BRAGG 2025 PAVEMENT
 PRESERVATION & REHAB PROJECT**
 10% SCHEMATIC DESIGN
 FORT BRAGG MENDOCINO COUNTY CA

REV	DATE	DESCRIPTION	BY

PRELIMINARY
 NOT FOR CONSTRUCTION
 MAY 2024

BAR IS 1 INCH ON ORIGINAL DRAWING

IF NOT ONE INCH ON THIS SHEET, ADJUST SCALES ACCORDINGLY

C1.0

DRAWN BY: SSV
 DESIGNED BY: BDH
 CHECKED BY: AJG
 JOB NO.: 11335.000