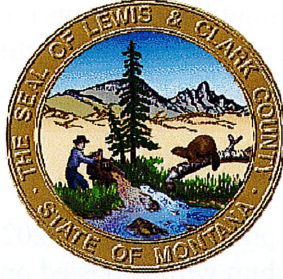


LEWIS AND CLARK COUNTY
2024 CHIP SEAL
Pre-Bid Conference
February 28, 2024
Sign-In Sheet

Name	Company	email	Telephone
Jesse Whitford	Lewis & Clark County	JWhitford@LCCOUNTY.MT.GOV	406-447-8040
Solomon Redfern	HSG	Solomonredfern@helena.sg.com	406-459-2003



LEWIS AND CLARK COUNTY

Public Works Department

AGENDA

Pre-Bid Meeting for 2024 Chip Seal Project

Wednesday February 28, 2024 at 4:00 p.m.
Weed Building Conference Room, 3402 Cooney Drive

County Representative:
Jesse Whitford, CET IV, CWI

1. INTRODUCTIONS

2. SIGN-IN SHEET

3. INVITATION TO BID

- a. The project generally consists of chip seal surfacing, fog sealing and epoxy paint striping on various county roads, and RID's in Lewis and Clark County, Montana. Bid Invitation was published in the Helena Independent Record on Saturdays, February 17 and February 24, 2024.

4. PROJECT MANUAL

- a. The **2024 Chip Seal Project Manual** is available in its entirety on the County web site.
- b. Also available on the County web site is the **2024 Chip Seal Bid Submittal Package**.

5. SCOPE & PROJECT DESCRIPTION

- a. Refer to Appendix A; Location and Description. Included in Appendix A is Item 1, thru Item 17, defining roadway locations for chip seal, fog seal, temporary traffic tabs, epoxy median striping, turn arrows and general road striping.

- b. Any cul-de-sacs, or mail box turn outs encountered are included in the listed quantities, and are required to be chip sealed. Chip sealing of all radius/fillets are also required to be chip sealed.

6. ADDENDUM

There is NO Addendum as of 4:00 pm, February 28, 2024. Should any additional Addendum be required, the Addendum will be posted on the County web site under the **2024 Chip Seal Project. The contractor is urged to check for any posted addenda, prior to bid submittal**

7. SUBMISSION OF BID

- a. Sealed bids are due by 4:00 p.m., Monday, March 11, 2024 in room 345 of the City County Building at 316 N Park Ave, Helena, MT 59623
- b. Opened and read aloud in Room 330 of the City County Building at 9 a.m. on March 12, 2024.
- c. Bid Bond shall be 10% of the total maximum in Bid Security
- d. Acknowledge Addenda on Bid Form.
- e. Notarized Signature

The envelope containing the sealed bid will be labeled “2024 Chip Seal, Bid Enclosed”. ALSO INCLUDE ON THE ENVELOPE, NAME AND ADDRESS OF ENTITY: Submit only the Bid Submittal Package. All blanks on the bid submittal shall be filled in ink. Any incomplete or incorrect bid submittals may be deemed not responsive. Non responsive bids will not be considered.

- 8. Chips for chip sealing:** All chips will be supplied by contractor. Owner is not responsible for supplying chip seal aggregate. Chip seal aggregate shall be approved by Owner, prior to application. Supplier shall submit a minimum of (2), two aggregate gradations, and (1), one Grade C Los Angeles Abrasion Resistance Test, indicating conformance to project specifications. These test results will be required prior to work, for each source that aggregate is obtained from.
- 9. Traffic Control – Meet MUTCD; “Manual Of Uniform Traffic Control Devices” – requirements shall be met for signage/flagging/pilot cars.** Submit traffic control plan two days prior to commencing work. Indicate route/sequence of work/level of traffic control. Use common sense: do not attempt to perform chip sealing operations on a busy roadway during peak hours. The use of pilot cars is recommended for roads with a higher ADT (Average Daily Traffic Count”, during chip seal and fog seal operations.
Traffic control during the application of epoxy paint markings is generally provided with the paint truck and support vehicle or “crash” truck

10. SITE INFORMATION

- a. All bidders are strongly encouraged to visit the site, and become familiar with the required chip seal/fog seal application for a specified location.
- b. It is the responsibility of the contractor to place suitable notice prior to chip sealing and fog sealing, to alert people of the intended construction activity. It will be the responsibility of the contractor to go door to door if necessary, to get remaining cars, boats, campers, etc.. moved prior to chip sealing. Roadway must be cleared prior to chip sealing. All reasonable measures will be taken to clear roadways – prior to towing of any vehicles

11. SPECIAL PROVISIONS

- a. See Section 02404 – Chip Seal- included in project manual
- b. See Section 02505 – Fog Seal- Included in project manual
- c. Any speed limit signs on roadways that are posted higher than 35 mph, shall be covered up, and posted at 35 mph until fog seal application is completed. Within 1 -2 days after completion of fog sealing, speed limits shall be restored to the original posting.
- d. Temperature restrictions will apply; Roadway Temperature will be 65 degrees minimum for chip seal and 50 degrees minimum for fog seal.
- e. The contractor is strongly urged to cover any storm drains, man hole covers, water/gas valves, or any other infrastructure that is not intended to receive the application of chip seal or fog seal emulsion. Recommended covering would be building felt. Covering shall be removed and disposed of offsite after required application. Any infrastructure that is not intended for the application of emulsion, will be suitably cleaned by the contractor at the contractors expense,

12. WEIGHT RESTRICTIONS

- a. The County may have weight restrictions on various roads during this project. The county will allow legal load limits for any roads that are posted with a restricted weight limit. Alternate routes are recommended if applicable. If any bridges with weight limit postings are encountered, posted weight limit will govern.

13. CONTRACT TIME

- a. Refer to Agreement Section of Contract, C520. Chip Seal and Fog Seal work shall be completed between July 15, 2024 and August 31, 2024. Chip Seal or Fog Seal work will not be performed after August 31 of the calendar year. Epoxy paint markings shall be completed by September 17, 2024.

14. LIQUIDATED DAMAGES

- a. \$500 per day, as per project manual

15. WORK HOURS

MPWSS Section 02504; Page 4, indicates that work shall terminate before dark. Suitable work hours shall be between 7:00 am. and 8:00 pm.

16. COMPLAINTS

Any complaints received by Public Works concerning traffic control, oil or paint on vehicles, or chipped windshields, will be referred to the contractor for remediation. Public Works reserves the right to follow up on any complaints to verify issues were satisfactorily resolved

17. STAGING AREAS: There is no designated staging area provided by the County. The County Complex located at 3402 Cooney Drive is an option for staging, with prior approval.

18. PREVAILING WAGE is based on 2024 Highway Construction.

19. CERTIFIED PAYROLL

- a. Certified payroll is required for each pay request. A pay request will not be processed until the accompanying payroll is received and approved.

20. SAFETY

- a. Contractor must be able to maintain all traffic control requirements in accordance with Manual of Uniform Traffic Control Devices.

21. MEASUREMENT AND PAY

Payment for bid items will be in accordance with Section 01275. There is no bid item for Mobilization or Traffic Control. These items will be considered incidental, with no additional payment.

22. Roadway Sweeping: It will be the responsibility of the contractor to perform any necessary sweeping prior to chip sealing. Spring sweeping to remove winter sand will have been previously performed by the County. Sweeping of the chips after chip sealing will be the responsibility of the County. All chips that are swept up will become the property of the county. Generally, sweeping will commence (2) days after the completion of chip sealing on a given roadway. Sweeping activities will be coordinated with the contractor prior to the application of fog seal.

Attachments: Appendix A: Location and Item Description
Appendix B: Summary of Item Location/Description, including Maps

QUESTIONS AND ANSWERS:

Q. Contractor asked if it would be possible to start chip seal activities prior to the specified July 15, 2024 start date.

A. Yes, some of the roads may be ready for chip sealing prior to the specified July 15 start date, provided the Road Dept. has completed any necessary pot hole patching prior. The County will be in communication with the contractor at that time, to determine what roads may be feasible to chip seal prior to July 15, if desired.

Q. Will roadways intersecting a state roadway be chip sealed/fog sealed to the edge of the intersecting state roadway, or will the required work stop at the right of way?

A. I will be in the field prior, to spray paint start and stop locations for each roadway. In most cases, the Roads will be chip/fog sealed to the edge of the intersecting roadway, unless noted otherwise.

Q. What if cloud cover moves in while we are fog sealing, and the cure time of the fog seal is extended do to the cloud cover, will we anticipate holding the traffic for 5-6 hours?

A. No. It is my recommendation that the contractor is cognizant of the weather prior to fog seal application. It has been my experience from previous projects, that the traffic will not be delayed for more than approximately 30 minutes, in most cases. When applying the fog seal to the busier county roads, such as Birdseye Road, one lane traffic will maintained, of which will keep the traffic flowing as best as possible. For some of the congested RID roads, such as Eastgate I and II, a suggestion would be to fog seal North/South and East/West Roads at alternate times, so that residents will have a place to park while the road in front of their residence is being fog sealed.

Q. Will all roads specified to receive a fog seal application, be applied at the same application rate?

A. Not necessarily. For contract purposes, all roads are specified to have fog seal emulsion applied at a rate of 0.15 gallons per square yard. In no case will this amount be exceeded. In some cases, I may make a field adjustment to slightly decrease the application rate, depending upon the conditions. A slightly decreased application rate will also decrease the emulsion cure time.

Summary of questions:

The cure time of the fog seal emulsion of which will result in delay to the traveling public, (primarily in residential areas), seemed to be the biggest concern of the contractor and traffic control providers. As with any other construction activity, community outreach will be an important factor. If affected residents are informed prior to the scheduled activities, alternate routes may be planned, or travel may be postponed to alleviate any potential impact. The County and the Contractor will work together, to inform residents prior to the scheduled activities.

4.02 Bidder certifies that no official of the Owner, Engineer, or any member of such official's immediate family has direct or indirect interest in the pecuniary profits or Contracts of the Bidder.

ARTICLE 5 – BASIS OF BID

5.01 Bidder will complete the Work in accordance with the Contract Documents for the following price(s):

2024 CHIP SEAL UNIT PRICE BID

ITEM NO.	DESCRIPTION	ESTIMATED QUANTITY	UNIT	UNIT PRICE	EXTENDED PRICE
1	Chip Seal Surfacing, 0.40 Gal./SY (County)	111,496	SY		
2	Chip Seal Surfacing, 0.40 Gal./SY (East Helena)	23,216	SY		
3	Chip Seal Surfacing, 0.40 Gal./SY (RID)	228,382	SY		
4	Chip Seal Surfacing, 0.42 Gal./SY (Beartooth RID)	71,889	SY		
5	Chip Seal Surfacing, 0.46 Gal./SY (Juniper/Stable RID)	12,366	SY		
6	Chip Seal Surfacing, 0.46 Gal./SY (County)	51,080	SY		
7	Chip Seal Surfacing, 0.40 Gal./SY (Approaches)	210	SY		
8	Chip Seal Surfacing, 0.46 Gal./SY (Approaches)	1,110	SY		
9	Fog Seal (County)	163,796	SY		
10	Fog Seal (RID)	215,607	SY		
11	Yellow Epoxy Paint (County)	434	Gallon		
12	White Epoxy Paint (County)	298	Gallon		
13	Yellow Epoxy Paint (RID)	358	Gallon		
14	Yellow Chevron Epoxy Paint (County)	3	Gallon		
15	White Turn Arrows Epoxy Paint (County)	8	Gallon		
16	Temporary Traffic Tabs, 10.582 Miles (County)	1	Lump Sum		
17	Temporary Traffic Tabs, 5.45 Miles (Beartooth RID)	1	Lump Sum		
Total of all Extended Bid Prices for Unit Price Work:					

TOTAL UNIT PRICE BID IN WORDS:

APPENDIX B ROADWAY LOCATION MAPS

LEWIS AND CLARK COUNTY ROADS

Road	Limits	Chip Seal	Fog Seal	Epoxy Paint
Birdseye Rd.	Austin Rd. to Threemile Rd.	0.46 Gal./SY	0.15 Gal./SY	Shoulder and Centerline
Jim Town	Canyon Ferry to Campground	0.40 Gal./SY	0.15 Gal./SY	Centerline
Deal Lane	Lake Helena to Landfill	0.40 Gal./SY	0.15 Gal./SY	Centerline
Deal Lane	Shoreview to York Road	0.40 Gal./SY	0.15 Gal./SY	Centerline
Keir Dr	Canyon Ferry, North to gravel	0.40 Gal./SY	0.15 Gal./SY	Centerline
Lake Helena Dr.	York Road to Deal Lane	0.40 Gal./SY	0.15 Gal./SY	Shoulder and Centerline
Motsiff	McHugh to North Montana	0.40 Gal./SY	0.15 Gal./SY	Centerline
Prairie Rd. East	Montana, West to gravel	0.40 Gal./SY	0.15 Gal./SY	Centerline
Valley Dr.	York to Howard Road	0.40 Gal./SY	0.15 Gal./SY	Shoulder and Centerline
Valley Dr.	Morello Road to Bandera	0.40 Gal./SY	0.15 Gal./SY	Shoulder , Median, Chevrons and Turn Arrows
Valley Dr.	Canyon Ferry to Howard Rd. East	0.46 Gal./SY	0.15 Gal./SY	Shoulder and Centerline

LEWIS AND CLARK COUNTY APPROACHES

Road	Approach	Chip Seal	Fog Seal
Birdseye Rd.	Between Echo Rd. and Eagle Ridge: (5) Approaches: Echo Rd., Garnet Rd., Hidden Valley Rd., Eagle Ridge and Redwing	0.46 Gal./SY	0.15 Gal./SY
Valley Dr.	Between Morrelo Rd. and Bandera (2) Approaches Treerise and Hoffman Rd.	0.40 Gal./SY	0.15 Gal./SY
Valley Dr.	Between Canyon Ferry and Howard Rd. E.: (2) Approaches: CB Loop and Hutton Rd.	0.46 Gal./SY	0.15 Gal./SY

EAST HELENA ROADS – SEE APPENDIX A/SEE MAPS

Road	Limits	Chip Seal	Fog Seal	Epoxy Paint
East Riggs	Montana to Helena Ave	0.40 Gal./SY	NO	Not Applicable
Montana Ave.	Dudley to Hwy. 12	0.40 Gal./SY	NO	Not Applicable
Pacific Street	Helena to Thurman	0.40 Gal./SY	NO	Not Applicable
South Thurman	Pacific to Clark	0.40 Gal./SY	NO	Not Applicable
West Groschell	Wylie to Morton	0.40 Gal./SY	NO	Not Applicable

RURAL IMPROVEMENT DISTRICTS; (RID'S)

Road	Limits: See Maps	Chip Seal	Fog Seal	Epoxy Paint
Applegate RID, #424		NO	NO	Centerline
Autumn Wind Ct.. #463		0.40 Gal./SY	0.15 Gal./SY	Not Applicable
Beartooth RID, #415		0.42 Gal./SY	NO	Centerline
Eastgate I, RID, #388		0.40 Gal./SY	0.15 Gal./SY	Not Applicable
Eastgate II, RID, #403		0.40 Gal./SY	0.15 Gal./SY	Not Applicable
Fawn Meadows RID, #440		NO	0.15 Gal./SY	
Gilbert, Schatz and Morris RID, #429		0.40 Gal./SY	NO	Not Applicable
Glacier Point RID, #459		0.40 Gal./SY	0.15 Gal./SY	Not Applicable
Hahn Rd. RID, #386		NO	0.15 Gal./SY	Not Applicable
Hayfield Estates RID, #470		0.40 Gal./SY	0.15 Gal./SY	Not Applicable
Juniper/Stable RID, #241		0.46 Gal./SY	0.15 Gal./SY	Not Applicable
Mountain Heritage Rd.; Panoramic RID #474 and Gable RID # 438	Mountain Heritage Rd.	0.40 Gal./SY	0.15 Gal./SY	Not Applicable
Panoramic Meadows RID, #474		0.40 Gal./SY	0.15 Gal./SY	Not Applicable
Powder River Ct, RID, #481		0.40 Gal./SY	0.15 Gal./SY	Not Applicable
Timber Works RID, #469		0.40 Gal./SY	NO	Not Applicable

TEMPORARY TRAFFIC TABS – SEE APPENDIX A, ITEM NUMBERS 16 AND 17