

AGENDA CITY OF LAUREL CITY COUNCIL WORKSHOP TUESDAY, FEBRUARY 16, 2021 6:30 PM ONLINE

Public Input: Citizens may address the Council regarding any item of City business that is not on tonight's agenda. The duration for an individual speaking under Public Input is limited to three minutes. While all comments are welcome, the Council will not take action on any item not on the agenda. If a citizen would like to speak or comment regarding an item that is on tonight's agenda, we ask that you wait until the agenda item is presented to the Council by the Mayor and the public is asked to comment by the Mayor. Once again, each speaker is limited to three minutes.

Be advised, if a discussion item has an upcoming public hearing, we would request members of the public to reserve your comments until the public hearing. At the public hearing, the City Council will establish an official record that will include all of your comments, testimony and written evidence. The City Council will base its decision on the record created during the public hearing. Any comments provided tonight will not be included in the record or considered by the City Council.

General Items

Executive Review

- 1. Resolution A Resolution To Approve The Conditional Use Of Property For The Operation Of "Soda Station" A Beverage Kiosk On A Portion Of Property Located At 720 1st Avenue Within The City Of Laurel. (PH 2.23.2021)
- Resolution A Resolution Of The City Council Selecting RDO Equipment As The Successful Bidder For The City's Purchase Of A Backhoe.
- 3. Resolution A Resolution Of The City Council Approving A Task Order Between The City Of Laurel And KLJ Engineering Inc. To Authorize Service For The 2021 Pavement Maintenance Project.
- 4. Resolution A Resolution Of The City Council Approving A Task Order For KLJ Engineering Inc. To Authorize Them To Prepare An Updated Water System Preliminary Engineering Report (PER) For The City Of Laurel.
- 5. Resolution A Resolution Of The City Council Creating Fees And Charges For Riverside Hall To Be Incorporated Into The City Of Laurel's Schedule Of Fees And Charges.

Council Issues

<u>6.</u> Electronic Recycling Discussion.

Other Items

Review of Draft Council Agendas

7. Review Draft Council Agenda for February 23, 2021

Attendance at Upcoming Council Meeting

Announcements

The City makes reasonable accommodations for any known disability that may interfere with a person's ability to participate in this meeting. Persons needing accommodation must notify the City Clerk's Office to make needed arrangements. To make your request known, please call 406-628-7431, Ext. 2, or write to City Clerk, PO Box 10, Laurel, MT 59044, or present your request at City Hall, 115 West First Street, Laurel, Montana.

DATES TO REMEMBER

File Attachments for Item:

1. Resolution - A Resolution To Approve The Conditional Use Of Property For The Operation Of "Soda Station" A Beverage Kiosk On A Portion Of Property Located At 720 1st Avenue Within The City Of Laurel. (PH 2.23.2021)

RESOLUTION NO. R21-___

A RESOLUTION TO APPROVE THE CONDITIONAL USE OF PROPERTY FOR THE OPERATION OF "SODA STATION" A BEVERAGE KIOSK ON A PORTION OF PROPERTY LOCATED AT 720 1ST AVENUE WITHIN THE CITY OF LAUREL.

WHEREAS, the application has been made to the City of Laurel to approve the applicant's request for approval of a conditional use, operation of a non-alcohol beverage sale kiosk, to be constructed and placed on a parcel of property located at 720 1st Avenue, within the City of Laurel; and

WHEREAS, applicant Ann Pugmire filed the application with the City on behalf of her business Soda Station, and the application was reviewed by Staff and the City County Planning Board, sitting as the City's Zoning Commission; and

WHEREAS, a public hearing was held by the Zoning Commission and no opposition to the application was received; and

WHEREAS, the Zoning Commission recommends the City Council's approval of the Conditional Use Application subject to the conditions contained in the Staff Report which is attached hereto and incorporated herein;

WHEREAS, the City Council held a public hearing on _____ and received public comment and input regarding the application.

NOW THEREFORE the City Council of Laurel hereby adopts the recommendation of the Zoning Commission and hereby approves the conditional use for the portion of the parcel of property located at 720 1st Avenue as described in the Staff Report which is adopted and incorporated as part of this resolution; and

BE IT FURTHER RESOLVED, that such approval is subject City Ordinances, Rules and applicable Regulations and the specific conditions contained in the Staff Report attached hereto and incorporated herein.

Introduced at a regular meeting of the City Council of	on, 2021, by
Council Member	
PASSED and APPROVED by the City Council of the, 2021.	e City of Laurel this day of
APPROVED by the Mayor this day of	_ 2021.

	Thomas C. Nelson, Mayor
ATTEST:	
Bethany Langve, Clerk-Treasurer, Clerk-T	rk-Treasurer
Approved as to form:	
Sam Painter, Civil City Attorney	

CITY OF LAUREL



LAUREL CITY-COUNTY PLANNING DEPARTMENT

STAFF REPORT

TO: Laurel City-County Planning Board / Zoning Commission

FROM: Nicholas Altonaga, Planning Director

RE: Conditional Use Permit – Soda Station – 714 1st Ave

DATE: February 10, 2021

DESCRIPTION OF REQUEST

A Conditional Land Use application was submitted by Ann Pugmire on behalf of Soda Station to construct and operate a beverage kiosk on the rear portion of the property at 714 1st Avenue. An approval of a conditional land use is required to build and operate a beverage kiosk because this use is not described or defined within the zoning district it resides in.

Owner: FIRST AVENUE CENTER LLC

Legal Description: RICCI MINOR SUB, S09, T02 S, R24 E, Lot 2, (13)

Address: 714 N. 1st Avenue

Parcel Size: 45,000 sqft.

Existing Land Use: Dominos Pizza, rear of parcel is vacant.

Proposed Land Use: Non-Alcoholic Beverage Stand/Kiosk (Soda and Pop)

Existing Zoning: Community Commercial (CC), Community Entryway Zoning District (CEZD)

BACKGROUND AND PROCEDURAL HISTORY

- Planning Director spoke with the applicant in November of 2020 to discuss the requirements of the application and the process.
- An application was provided to the Planning Department on November 13, 2020
- The Applicant provided additional information to the Planning Department on December 6, 2020.
- A public hearing for the Conditional Land Use took place on December 16, 2020
 Planning Board meeting.
- The Planning Board tabled the Conditional Land Use discussion until the January meeting to allow the applicant to be present and provide additional details.
- The Planning Board discussed the matter on January 20. 2021 with the applicant present.

- Planning Board voted to recommend approval of the Conditional Land Use with conditions.
- A public hearing for the Conditional Land Use is scheduled for the City Council Meeting on February 23, 2021.
- The public hearing requirements of 1762.030 have been met.

STAFF FINDINGS:

The applicant is requesting approval of a conditional land use to construct and operate a beverage kiosk on the rear portion of 714 N. 1st Ave in Laurel. This use is not specifically delineated or defined within Chapter 17 of the Laurel Municipal Code. As such, a Conditional Land Use application is required. The following findings have been noted by the Planning Department after reviewing the Conditional Land Use application and supplementary documents.

- The location of the proposed beverage kiosk is zoned as Community Commercial (CC)
- The Purpose of Community Commercial zoning is primarily to "accommodate community retail, service and office facilities offering a greater variety than would normally be found in a neighborhood or convenience retail development."
- The Applicant has contacted the neighboring property owner to discuss driveway access for site traffic flow.
- The Applicant has received approval for two parking spaces, with more allocated if necessary.
- The applicant has provided a concept site plan and photos of the proposed kiosk.
- The concept plan and proposed stand pictures do not appear as if they will negatively impact the surrounding neighborhood by changing community character, lighting, or noise.
- The only mention of kiosks in the Laurel Municipal Zoning Code is within the Off-Street Parking Code.

PLANNING BOARD AND GOVERNING BODY REVIEW CRITERIA:

"17.62.020 – Requirements" contains the review criteria for the Zoning Commission to discuss and recommend actions on conditional land uses. The text of this subchapter is included below.

No structure or land use may be used for any purpose other than those allowed within a zoning district as specified in the zoning ordinance unless either a variance has been granted (under Chapter 17.60 or 17.64 of this code) or a conditional land use permit therefor has been provided. The zoning commission may recommend and the city can require any information that will allow the decision makers to comprehensively evaluate and decide on applications for conditional uses brought before them. The zoning commission may recommend and the city can require, after consideration of the application for conditional use, those conditions under which such land use may be allowed to include but not be necessarily limited to the following:

- A. Adequate ingress and egress with concern for vehicular and pedestrian safety and convenience, traffic flow and control, and emergency access as reviewed and approved by the city public works director;
- B. Adequate off-street parking and loading with attention to vehicular and pedestrian safety and traffic flow;
- C. Conditions that control, specify, or plan for the generation of odors, noise, hours of operation, signage, or impact on the neighborhood of natural systems;
- D. Adequate landscaping, screening, mitigation of impact on adjacent property and buffering; and
- E. Compatibility with adjacent and neighborhood land uses and Laurel's GMP.

STAFF SUGGESTED CONDITIONS:

The Planning Director recommends the approval of the Conditional Land Use application to operate a non-alcoholic beverage kiosk on 714 N. 1st Ave. The Planning Director suggests the Planning Board/Zoning Commission and City Council consider adopting the following conditions of approval.

- 1. No land uses shall be established on site that are not specifically included in this approval.
- 2. Any land use not specifically included in this approval shall be considered a violation of the City of Laurel zoning ordinance.
- 3. New construction regarding the approved conditional use shall apply for building permits when applicable.
- 4. The approved land use shall comply with the zoning requirements of the district or districts the property falls within.
- 5. The approved land use shall comply to the City of Laurel Sign Code
- 6. The approved land use shall comply with the City of Laurel off-street parking requirements.
- 7. The Applicant shall apply for all necessary permits and licenses prior to operating the beverage stand.
- 8. The kiosk/stand will be constructed in the interior of the lot.
- 9. The applicant must begin construction on the future permanent structure within 12 months of the Conditional Land Use approval.
- 10. The applicant shall establish a bathroom agreement for kiosk employees with a nearby business.
- 11. The kiosk will be served by City Water and Sewer services.

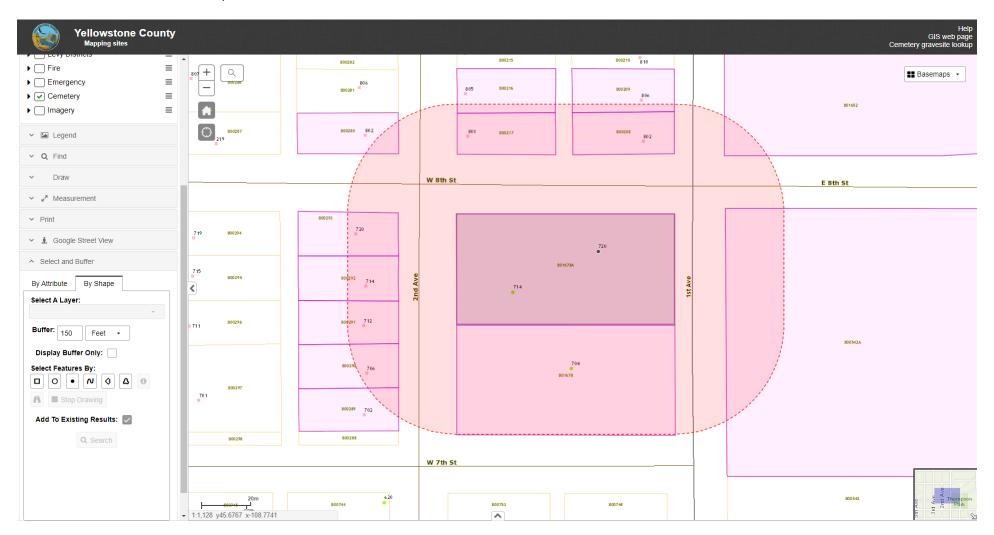
ATTACHMENTS:

- 1. Conditional Land Use Application
- 2. Map of 714 N. 1st Ave with 150ft buffer
- 3. List of property Owners within 150ft of 714 N. 1st Ave
- 4. Minutes from January 17, 2021 Planning Board meeting.
- 5. Public Hearing Notice December 16, 2021 Planning Board
- 6. Public Hearing Notice February 23, 2021 City Council
- 7. Soda Station Kiosk Concept Site Plan & Images
- 8. LMC 17.20 Commercial Industrial use Regulations
- 9. LMC 17.26 Community Entryway Zoning District
- 10. LMC 17.62 Conditional Land Uses
- 11. Additional Comments/Information provided by the Applicant.

CITY OF LAUREL, MONTANA CONDITIONAL USE APPLICATION

Date received:	
Twelve copies of this form, along with the appropriate a Secretary on the first day of the month prior to the month Zoning Commission. The Planning Board Secretary shall one copy to the Planning Director, and forward the remarkable commission. The Planning Board Secretary shall public newspaper at least 15 days prior to the Zoning Commission considered; adjacent property owners of record within notified by mail by the Zoning Commission. The applic public hearing before both the Zoning Commission as	th in which the application shall be heard by the all note the time of receipt, keep one copy, send ainder to the members of the Zoning sh notice of a public hearing in the local sion meeting at which the application will be 150 feet of the application property shall also be cant or the authorized agent must attend the
 Name of Land Owner: A VU CENTUR L Address: 720 19 Ave Phone #: 406 570 7236 Legal Description of Property asking for Conditional Control Conditions of Minor Sub, 509, 7025 for Conditional Control Conditions of Conditional Control Conditions of Conditions of	
 Address of property or general location: 120 \S Map Showing Property Location with Circle Dra List of Property Owners of Record within the 15 and Recorder's Office first (4th floor of County Office second (14th floor of Wells Fargo Bank B Existing Zoning: Common Bank B Specific Land being Requested: SF Corner and Doctors 	wn within 150' thereof: O' Perimeters. (Obtained from the County Clerk Courthouse) and the Department of Revenue uilding in downtown Billings).
10. Reason for Request: 10 put a temporal for the property showing the p	osed use and improvements, adjacent land use,
13 Review fee paid and date paid:	•
After the public hearing for the conditional use, the Zoni to the City Council no longer than 30 working days. The conduct a second public hearing before the Council, conscious, and make its decision.	City Council shall publish notice of and
Scheduled before Planning Board:Sch	neduled before City Council:

Soda Station Kiosk – Overhead Map with 150ft Buffer





Soda Station – List of Property Owners within 150ft of 714 N. 1st Ave

Owner Name	Tax Code	Legal Description	Address
CITY OF LAUREL	B00542A	S09, T02 S, R24 E, PARK IN NE4	E 8TH ST
		MORRIS SUBD 1ST FILING, S09, T02 S, R24 E, BLOCK 7, Lot 12 -	203-208-210-300
SCHOOL DISTRICT #7	B01652	22, & LTS 11-20 BL*	E MARYLAND LN
		FIRST AVE SUBD, S09, T02 S, R24 E, BLOCK 7, Lot 2, & N37.5 FT	
FLOHR, CHAD &	B00289	LT 1	702 2ND AVE
SCHREINER, ALICE E &	B00290	FIRST AVE SUBD, S09, T02 S, R24 E, BLOCK 7, Lot 3 - 4	706 2ND AVE
WRIGG, HELEN A & CARLIN K	B00291	FIRST AVE SUBD, S09, T02 S, R24 E, BLOCK 7, Lot 5 - 6	712 2ND AVE
KING, ROBERT J & BERNICE	B00292	FIRST AVE SUBD, S09, T02 S, R24 E, BLOCK 7, Lot 7 - 8	714 2ND AVE
REIBER, DOUGLAS	B00293	FIRST AVE SUBD, S09, T02 S, R24 E, BLOCK 7, Lot 9 - 10	720 2ND AVE
LAUREL OPPORTUNITIES LLC	B01678	RICCI MINOR SUB, S09, T02 S, R24 E, Lot 1, (13)	704 1ST AVE
FIRST AVENUE CENTER LLC	B01678A	RICCI MINOR SUB, S09, T02 S, R24 E, Lot 2, (13)	714 1ST AVE
WILLIS, DONNA M	B00280	FIRST AVE SUBD, S09, T02 S, R24 E, BLOCK 6, Lot 1 - 2	802 2ND AVE
ZIMMERMAN, JOE JR & ALETTA	B00208	FIRST AVE SUBD, S09, T02 S, R24 E, BLOCK 1, Lot 1 - 2	802 1ST AVE
SIEGEL, NANCY J	B00209	FIRST AVE SUBD, S09, T02 S, R24 E, BLOCK 1, Lot 3 - 4	806 1ST AVE
LAVELY, STEVEN R	B00216	FIRST AVE SUBD, S09, T02 S, R24 E, BLOCK 1, Lot 17 - 18	805 2ND AVE
BARRETT, JASON H & PAMELA			
LEE	B00217	FIRST AVE SUBD, S09, T02 S, R24 E, BLOCK 1, Lot 19 - 20	801 2ND AVE



MINUTES CITY OF LAUREL CITY/COUNTY PLANNING BOARD WEDNESDAY, JANUARY 20, 2021 5:35 PM CITY COUNCIL CHAMBERS

Public Input: Citizens may address the committee regarding any item of business that is not on the agenda. The duration for an individual speaking under Public Input is limited to three minutes. While all comments are welcome, the committee will not take action on any item not on the agenda.

1. Roll Call

The Chair called the meeting to order at 5:36pm

Jon Klasna
Evan Bruce
Roger Giese
Dan Koch
Judy Goldsby
Ron Benner (Arrived at 5:37pm)
Nick Altonaga (City of Laurel)

General Items

2. Approve Meeting Minutes: December 16, 2020

Dan Motioned to Approve the meeting minutes from the December 16 2020 meeting as presented Evan seconded.

Motion Carried.

New Business

Old Business

3. Conditional Land Use: Soda Station Kiosk

Nick provided a summary of the previous planning board meeting and public hearing. The Applicant Annie Larson and associates were present (Cassie, Ed (owner of the property), and Randy (business owner, landlord for current location)).

Ron had concerns about the driveway and traffic direction. Suggested moving the stand to the interior of the lot

• The future plan is to build another full structure on the back of the lot, with a drive through off of 2nd Avenue. The Soda Station operation will then be located within the building.

Ron remembered a previous discussion at City Council about ingress/egress and the issues it poses.

• The plan with the second building is to have a parking lot to the west of the building, which will have the cars stacked for the drive-thru within the parking lot.

Roger: There is a lot of traffic at various times through that area. Is the kiosk moveable?

• The building will be tied to city services but is a temporary structure. Plan to have a water and sewer line to the future building.

Where is the current location?

- Off of Shiloh, with another location planned in the Heights.
- It will be a new building.

Plan to trench over to the kiosk, as if building 2 was already there.

Will the building have bathrooms?

• No, we have agreements with nearby businesses to utilize restrooms for employees at this time.

Judy: Status of garbage collection?

• The dumpster for the lot is behind the Chiropractor office/Dominos.

Discussion of timeline of getting the second building constructed.

- 6-12 months
- Will place an extra bin behind Town Pump to utilize.

Discussion of utilities

• There is one utility meter for the whole small complex. The tenants and owner pay the bill through that.

Ron discussed his worry about temporary businesses and kiosks that don't have to pay full taxes like other major brick and mortar operations.

- Cassie: The flip side of not paying full taxes/fees for full brick and mortar is a limited scope of operations.
- Plan to create up to 12 jobs within the community.
- Have gotten good feedback from Laurel high school students who like working at thee existing Billings kiosk and are excited to work locally.

Judy: would the 2nd building be a full drive through and walk-in service?

• The structure would be mostly geared towards drive-thru but would have limited walk-in service.

Members discussed the different issues at hand and certain added conditions of approval.

Nick restated the conditions of approval:

- Moving the structure to the interior of the lot
- Must begin construction of future permanent structure within 12 months of Conditional Land Use approval.
- Establish a bathroom agreement with nearby business.
- Hook-up to city services (Water and Sewer)

Ron Motioned to approve the conditional land use application for the Soda Station beverage kiosk with the conditions included in the staff report as well as those additional conditions established by Planning Board.

Dan Seconded.

Motion Carried.

Other Items

4. Uniquities Sign Review

Planning Board members reviewed the sign design and Laurel zoning code.

Ron Motioned to approve the Uniquities Sign as designed.

Jon Seconded.

Motion Carried.

5. Upcoming Projects

Discussion of Cherry Hills 3rd Filing.

Discussion of the status of Goldberg Sporting Estates.

Follow up with Dan Wells for Regal Community Park?

• Nick will be following up on the multiple issues that Planning Board and City Council have noted.

SE 4th Variance upcoming at February or March meetings.

Iron Horse Station 2nd Phase discussion. Should be finalized soon.

Nick will also be following up on the affordable housing project off 8th Ave.

Announcements

6. Adjourn

The Chair adjourned the meeting at 6:35pm.

7. Next Meeting: February 17, 2021

The City makes reasonable accommodations for any known disability that may interfere with a person's ability to participate in this meeting. Persons needing accommodation must notify the City Clerk's Office to make needed arrangements. To make your request known, please call 406-628-7431, Ext. 2, or write to City Clerk, PO Box 10, Laurel, MT 59044, or present your request at City Hall, 115 West First Street, Laurel, Montana.

DATES TO REMEMBER

PUBLIC HEARING NOTICE

The Laurel City-County Planning Board and Zoning Commission will conduct a public hearing on a conditional land use application submitted by Annie Pugmire on behalf of Soda Station to operate a soda stand at 720 1st Avenue. This property is zoned Community Commercial (CC) and is within the Community Entryway Zoning district (CEZD). The Zoning Commission hearing is scheduled for **5:35PM on Wednesday**, **December 16, 2020 Via Zoom Meeting**. The meeting log-in details will be available on the meeting agenda. Additionally, the City Council has scheduled a public hearing and consideration of approval for the conditional use that is scheduled for **6:30 P.M. on Tuesday, January 12, 2021 Via Zoom Meeting**.

A Conditional Land Use Application is required to operate a soda stand at 720 1st Avenue because that type of use and structure is not described in Chapter 17.20 – Commercial – Industrial Use Regulations. The conditional land use permitting process is intended to provide a detailed and comprehensive review of the proposed use and ensure that the interest of the public, the community, and surrounding neighborhood are protected. Conditional uses that are granted by the city are site specific and run with the land. Land use changes not specifically included in the approval of the conditional use are a violation of the city zoning ordinance.

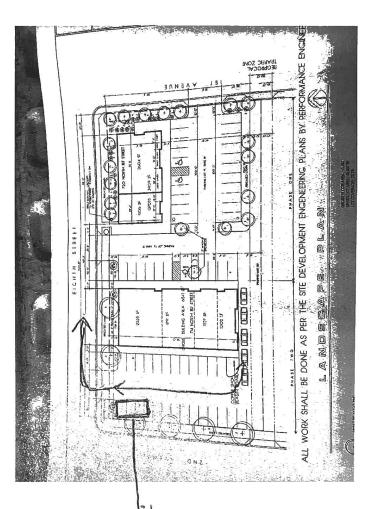
Public comment is encouraged and can be provided at the public hearings on December 16th and January 12th. Public comment can also be made via email to the Planning Director, or via letter to the Planning Department office at 115 West 1st Street Laurel, MT 59044. A copy of the conditional use application and supporting documentation is available for review upon request at the Planning Department office. Questions regarding this public hearing may be directed to the Planning Director at 628-4796 ext. 5, or via email at cityplanner@laurel.mt.gov.

PUBLIC HEARING NOTICE

The Laurel City Council will conduct a public hearing on a conditional land use application submitted by Anne Pugmire on behalf of Soda Station to operate a soda stand at 720 1st Avenue. This property is zoned Community Commercial (CC) and is within the Community Entryway Zoning district (CEZD). <u>The City Council has scheduled a public hearing and consideration of approval for the conditional use for 6:30 P.M. on Tuesday, February 23rd, 2021 Via Zoom Meeting. The meeting log-in details will be available on the meeting agenda.</u>

A Conditional Land Use Application is required to operate a soda stand at 720 1st Avenue because that type of use and structure is not described in Chapter 17.20 – Commercial – Industrial Use Regulations. The conditional land use permitting process is intended to provide a detailed and comprehensive review of the proposed use and ensure that the interest of the public, the community, and surrounding neighborhood are protected. Conditional uses that are granted by the city are site specific and run with the land. Land use changes not specifically included in the approval of the conditional use are a violation of the city zoning ordinance.

Public comment is encouraged and can be provided at the public hearing on February 23rd. Public comment can also be made via email to the Planning Director, or via letter to the Planning Department office at 115 West 1st Street Laurel, MT 59044. A copy of the conditional use application and supporting documentation is available for review upon request at the Planning Department office. Questions regarding this public hearing may be directed to the Planning Director at 628-4796 ext. 5, or via email at cityplanner@laurel.mt.gov.



- Bathroom Agreement with Don Janus out Dickey's BBR

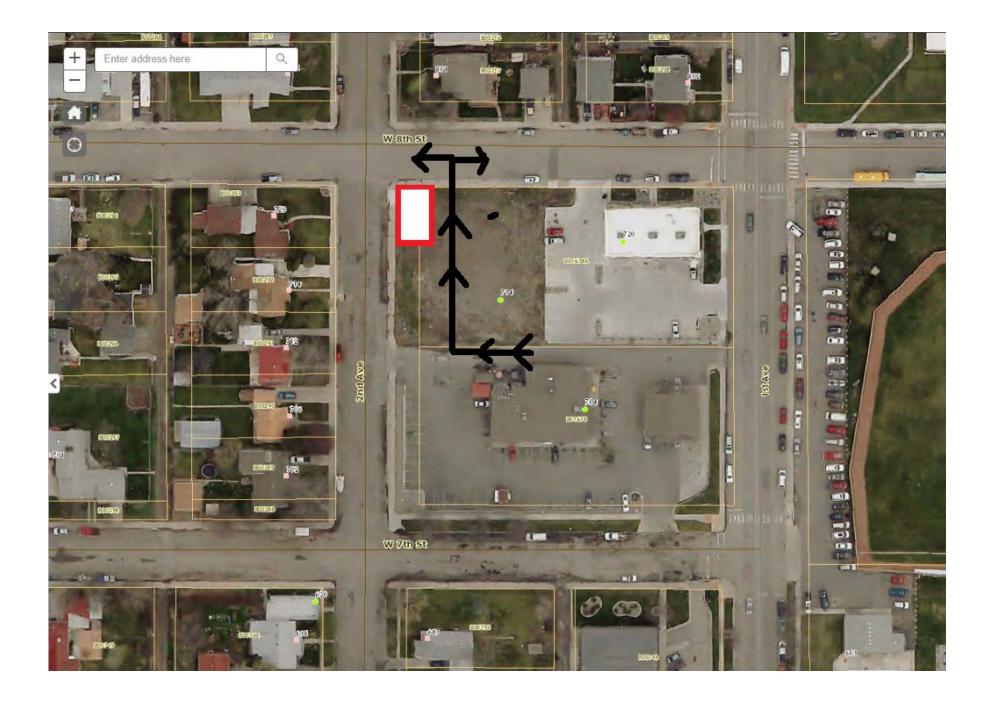


Table 17.20.010 designates the special review (SR) and allowed (A) uses as governed by commercial — industrial use regulations.

									989
	AG	RP	NC	CBD	CC	HC	LI	н	P
Accessory buildings or uses incidental and customary to a permitted	Α	Α	Α	Α	Α	Α	Α	Α	Α
residential use and located on the same parcel as the permitted									
residential use									
Airports	Α								Α
Alcoholic beverages manufacturing and bottling (except below):							Α	Α	
1,500 to 5,000 31-gallon barrels per year				SR	SR	SR	Α	Α	
Less than 1,500 gallon barrels per year				Α	Α	Α	Α	Α	
Ambulance service			Α	Α	Α	Α	Α	Α	
Antique store				Α	Α	Α	Α		
Appliance - (household) sales and service			Α	Α	Α	Α	Α		
Assembly halls and stadium					SR	SR	SR		SR
Assembly of machines and appliances from previously prepared parts					SR	SR	SR		SR
Auction house, excluding livestock				SR	SR	Α	Α	Α	
Auction, livestock	SR								
Automobile sales (new and used)				Α	Α	Α	Α		
Automobile - commercial parking enterprise				Α	Α	Α	Α	Α	
Automobile and truck repair garage				Α	Α	Α	Α	Α	
Automobile service station			Α	Α	Α	Α	Α	Α	
Automobile wrecking yard								SR	
Bakery products manufacturing					SR	Α	Α	Α	
Bakery shops and confectioneries			Α	Α	Α	Α	Α		
Banks, savings and loan, commercial credit unions			Α	Α	Α	Α	Α		
Barber and beauty shops			Α	Α	Α	Α	Α		
Bed and breakfast inns	Α		Α		Α	Α			
Bicycle sales and repair			Α	Α	Α	Α	Α		
Blueprinting and photostating			Α	Α	Α	Α	Α		
Boarding and lodging houses	Α		Α		Α	Α			
Boat building and repair						Α	Α	Α	
Boat sales new and used					Α	Α	Α	Α	
Boiler works (manufacturing servicing)								Α	
Boiler works (repair and servicing)							Α	Α	
Book and stationery store			Α	Α	Α	Α	Α		
Bottling works							Α	Α	
Bowling alleys				Α	Α	Α	Α		
Brick, tile or terra cotta manufacture								Α	
Bus passenger terminal buildings local and cross country				Α	Α	Α	Α		
Bus repair and storage terminals						Α	Α	Α	
Camera supply stores			Α	Α	Α	Α	Α		
Camps, public					SR	Α			Α
Car washing and waxing					Α	Α	Α		
Car wash - coin operated			Α	Α	Α	Α	Α		
Cement, lime and plastic manufacture								Α	
Ceramics shop		SR	Α	Α	Α	Α	Α		
Chemical and allied products manufacture								Α	
Child care facilities	Α		Α		Α	Α			
Churches and other places of worship including parish houses and Sunday	Α	SR	Α	Α	Α	Α	Α	Α	
school building									
Clinic, animal	Α		Α	Α	Α	Α	Α		
Clinics, medical and dental	†	SR	Α	Α	Α	A	Α		<u> </u>
Clothing and apparel stores	1		A	Α	A	A	Α		1
Coal or coke yard	1							Α	<u> </u>
Cold storage	<u> </u>				Α	Α	Α	- ``	
Colleges or universities	<u> </u>		Α	Α	A	A			Α
Commercial recreation areas	1		SR	A	A				A

Table 17.20.010 designates the special review (SR) and allowed (A) uses as governed by commercial — industrial use regulations.

								•	280
	AG	RP	NC	CBD	CC	HC	LI	HI	Р
Commercial food products, storage and packaging						SR	Α	Α	
Communication towers (commercial)	Α	Α	Α	Α	Α	Α	Α	Α	SR
Concrete mixing plants and manufacturing of concrete products							Α	Α	
Construction contractors:									
Office			Α	Α	Α	Α	Α	Α	
Open storage of construction materials or equipment						SR	Α	Α	
Community residential facilities:									
Adult foster family care home	Α		Α		Α	Α			
Community group home	Α		Α		Α	Α			
Halfway house	Α		Α		Α	Α			
Youth foster home	Α		Α		Α	Α			
Youth group home	Α		Α		Α	Α			
Nursing, homes, convalescent homes, orphanages, and charitable	Α		Α		Α	Α			
institutions									
Crematorium						SR	Α	Α	SR
Creameries, dairy products manufacturing							Α	Α	
Creosote manufacturing or treatment plants								Α	
Department stores				Α	Α	Α	Α		
Drug stores			Α	Α	Α	Α	Α		
Dry kiln								Α	
Dwellings: single-family Manufactured home	А	Α	Α	Α	Α				
Class A, Class B, Class C									
two family			Α	Α	Α				
multiple family			Α	Α	Α				
row housing			SR	SR	SR				
Eating and drinking establishments:									
Cocktail lounge, restaurants, bars and taverns				SR	SR	SR	SR		
Restaurants (without the sale of alcoholic beverages)				Α	Α	Α	Α		
Drive-in restaurants					SR	SR	SR		
Extractive industries - excavations of sand and gravel		SR					SR		
Farm implements, sales and service						Α	Α	Α	
Fat rendering or production of fats and oils								SR	
Feedlots – livestock	Α							SR	
Feed and seed processing and cleaning for retail purposes									
Feed and seed - farm and garden retail sales					Α	Α	Α		
Fertilizer manufacturing								SR	
Fertilizer wholesale sales						SR	SR	Α	
Fertilizer - retail sales					Α	Α	Α		
Florist, wholesale sales	SR				Α	Α	Α		
Florist, retail sales			Α	Α	Α	Α	Α		
Flour mills							SR	SR	
Food products manufacturing, storage and processing						SR	SR	Α	
Food stores (retail only)				Α	Α	Α	Α		
Food stores (retail only) - 3000 sq. ft.			Α	Α	Α	Α	Α		
Foundry								Α	
Frozen food lockers					Α	Α	Α		
Fuel oil, gasoline and petroleum products bulk storage or sale						Α	Α	Α	
Furnace repair and cleaning					Α	Α	Α	Α	
Furniture and home furnishings, retail sales			Α	Α	Α	Α	Α		
Furriers, retail sales and storage			Α	Α	Α	Α	Α		
Gambling establishments				Α	Α	Α	Α		
Garbage, offal and animal reduction or processing							SR		
Garbage and waste incineration								SR	
Gas storage								SR	

Table 17.20.010 designates the special review (SR) and allowed (A) uses as governed by commercial — industrial use regulations.

									100
	AG	RP	NC	CBD	CC	HC	LI	н	Р
Gases or liquified petroleum gases in approved portable metal containers						Α	Α	Α	
for storage or sale									
Grain elevators	Α					SR	SR	Α	
Greenhouses	Α				Α	Α	Α	Α	
Hardware, appliance and electrical supplies, retail sales				Α	Α	Α	Α		
Hatcheries	Α						SR	SR	
Heliports				SR		SR	SR	SR	SR
Hobby and toy stores			Α	Α	Α	Α	Α		
Hospitals (for the care of human patients)			Α	Α	Α	Α		Α	
Hospital, animal		Α		SR	SR	Α	Α	Α	
Hotels				Α	Α	Α			
Industrial chemical manufacture except highly corrosive, flammable or								SR	
toxic materials									
Irrigation equipment sales and service					Α	Α	Α	Α	
Jails and penal institutes									Α
Janitor service				Α	Α	Α	Α		
Jewelry and watch sales			Α	Α	Α	Α	Α		
Kennels – commercial	Α				SR	Α	Α		
Laboratories for research and testing						SR	Α	Α	
Landfills - reclamation or sanitary						0			Α
Laundries, steam and dry-cleaning plants							Α	Α	
Laundries, steam pressing, dry-cleaning and dyeing establishments in			Α	Α	Α	Α	A		
conjunction with a retail service counter under 2500 sq. ft. in size			'`	'`	, ,	, ,	'`		
Laundries, pick up stations			Α	Α	Α	Α	Α		
Laundries, self-service coin operated			Α	Α	Α	A	Α		
Libraries, museums, and art galleries			A	A	A	A	A		Α
Lock and gunsmiths			A	A	A	A	A		<u> </u>
Lodges, clubs, fraternal and social organizations provided that any such				A	A	A	<u> </u>		
club establishment shall not be conducted primarily for gain				^	/ \				
Lumber yards, building materials, storage and sales						Α	Α	Α	
Machine shops						SR	A	A	
Manufacturing - light manufacturing not otherwise mentioned in which						SR	A	A	
no excessive fumes, odors, smoke, noise or dust is created						511	, · ·	, ·	
Heavy manufacturing not otherwise mentioned or blending or mixing						SR	SR		
plants						511	511		
Meat processing - excluding slaughter plants						SR	Α		
Meat processing, packing and slaughter						Jit	<u> </u>	SR	
Medical marijuana cultivation facility or cultivation facility							Α	A	
Medical marijuana dispensary or dispensary							A	<u> </u>	
Metal fabrication						SR	SR	Α	
Motorcycle sales and repair				Α	Α	A	A		
Mortuary			Α	A	A	A	A		
Motels and motor courts				A	A	A			
Music stores			Α	A	A	A	Α		
Office building, professional government and private office buildings in	SR	SR	A	A	A	A	A	Α	SR
which no activity is carried on catering to retail trade and no stock of	3N	3N	_ ^	_ ^	A	_ ^	^	^	3N
goods is maintained for sale									
Office equipment, supplies and service			Α	Α	Α	Α	Α		
Optician and optical supplies and sales	1	-	A	A	A	A	A	1	
Oxygen manufacturing and/or storage				 ^			_	Α	
Paint and body shops		-		Α	Α	Α	Α	A	
Paint and retail sales		-	Α	A	A	A	A	_	
Parking, public		SR	A	A	A	A	A	Α	Α
rainile, public	1	חכו	l A	ı A	. A	. A	. A	, A	_ A

Table 17.20.010 designates the special review (SR) and allowed (A) uses as governed by commercial — industrial use regulations.

	AG	RP	NC	CBD	СС	нс	LI	н	Р
Parks, playgrounds, playfields and golf courses, community center	Α	SR							Α
buildings - operated by public agency, neighborhood or homeowner's									
association									
Pawn shops				Α	Α	Α	Α		
Pet shops			Α	Α	Α	Α	Α		
Photographic studios		SR	Α	Α	Α	Α	Α		
Planing or saw mills								Α	
Post-secondary school	Α	Α	Α	Α	Α	Α			Α
Prefabricated building materials assembly and manufactures						SR	Α	Α	
Preschool	Α	SR	SR	SR					
Printing, publishing, reproduction and lithography				Α	Α	Α	Α	Α	
Processing of previously slaughtered meats, including cutting, wrapping,					Α	Α	Α	Α	
and freezing by freezer and locker provisioners									
Public utilities service installations	SR	SR	SR	Α	Α	Α	Α	Α	SR
Public utilities storage yard						Α	Α	Α	SR
Radio and TV broadcasting stations				Α	Α	Α	Α	Α	
Radio and TV tower						Α	Α	Α	SR
Railroad yard							Α	Α	
Real estate office			Α	Α	Α	Α	Α		
Rental service store and yard					Α	Α	Α		
Repair and servicing of industrial equipment and machinery						Α	Α	Α	
School, commercial			Α	Α	Α	Α			Α
Scrap yards - storage and processing								Α	
Secondhand stores and/or antique store				Α	Α	Α	Α		
Sheet metal shops and processing							Α	Α	
Shoe repair				Α	Α	Α	Α	Α	
Sign manufacturing, painting and maintenance						Α	Α	Α	
Sign									
Billboards	SR					SR	SR	SR	
On premises	Α	SR	Α	Α	Α	Α	Α	Α	
Off premises	SR			SR	SR	SR	SR	SR	
Slaughterhouse	SR							SR	
Sporting goods sales				Α	Α	Α	Α		
Storage, compartmentalized storage for commercial rent							SR	SR	
Storage and warehouse and yards							SR	Α	
Stone cutting, monuments manufacturing and sales							SR	Α	
Sugar and sugar beet refining								SR	
Swimming pools or beaches, public									Α
Taxi stands				Α	Α	Α	Α		
Theaters, cinema, opera houses				Α	Α	Α			
Drive-in theaters						SR			
Tire recapping and retreading						Α	Α	Α	
Trailer and recreational vehicle sales area					Α	Α	Α		
Travel trailer park (transient)						SR			
Truck terminals, repair shops, hauling and storage yards						Α	Α	Α	
Water and sewage treatment plant	Α								Α
Wholesale and jobbing establishments						SR	Α	Α	
Woodworking shops, millwork						SR	Α	Α	
Zoo, arboretum	SR								Α

(Ord. No. O09-01, 3-17-09; Ord. No. O09-07, 7-7-09; Ord. No. O11-01, 2-15-2011; Ord. No. O-14-03, 8-5-2014)

Table 17.16.010 designates the special review (SR) and allowed uses (A) in residential districts.

Table 17.16.010

lai	oie 17.16.								1
	RE 22,000	R 7,500	6,000	RLMF	RMF	RMH	PUD	SR	RT
Accessory building or use incidental to any permitted	,	A	A	Α	Α	Α	Α	Α	Α
residential use customarily in connection with the principal									
building and located on the same land parcel as the									
permitted use									
Animals (see zoning district description for specifics)								Α	
Automobile parking in connection with a permitted		Α	Α	Α	Α	Α	Α	Α	Α
residential use									
Bed and breakfast inn		SR	SR	SR	SR	SR	SR	SR	SR
Boarding and lodging houses		SR	SR	SR	SR	SR	SR	SR	SR
Cell towers (see Sections 17.21.020—17.21.040)									
Cemetery		SR	SR	SR	SR	SR	SR	SR	
Child care facilities									
Family day care home		Α	Α	Α	Α	Α	Α	Α	Α
Group day care home		Α	Α	Α	Α	Α	Α	Α	Α
Day care center		SR	SR	SR	SR	SR	SR	SR	SR
Churches and other places of worship including parish		SR	SR	SR	SR	SR	SR	Α	SR
house and Sunday school buildings									
Communication towers (see Sections 17.21.020—									
17.21.040)									
Community residential facilities serving eight or fewer		Α	Α	Α	Α	Α	Α	Α	Α
persons									
Community residential facilities serving nine or more		SR	SR	SR	SR	SR	SR	SR	SR
persons									
Orphanages and charitable institutions		SR	SR	SR	SR	SR	SR	Α	SR
Convents and rectories		SR	SR	SR	SR	SR	SR	Α	SR
Crop and tree farming, greenhouses and truck gardening									
Day care facilities		SR	SR	SR	SR	SR	SR	SR	SR
Kennels (noncommercial)		Α	Α	Α	Α	Α	Α	Α	Α
Dwellings Single-family		Α	Α	Α	Α	Α	Α	Α	Α
Two-family			Α	Α	Α		Α		
Multifamily				Α	Α		Α		
Manufactured homes									
Class A						Α			
Class B						Α			
Class C						Α			
Row Housing				SR	SR		Α		
Family day care homes		Α	Α	Α	Α	Α	Α	Α	Α
Greenhouses for domestic uses		Α	Α	Α	Α	Α	Α	Α	Α
Group day care homes		Α	Α	Α	Α	Α	Α	Α	Α
Home occupations		Α	Α	Α	Α	Α	Α	Α	Α
Parking, Public		SR	SR	SR	SR	SR	SR	SR	SR
Parks, playgrounds, playfields, and golf courses community		Α	Α	Α	Α	Α	Α	Α	Α
center buildings—operated by public agency,									
neighborhood or homeowners' associations									
Planned developments							Α		
Post-secondary school		Α	Α	Α	Α	Α	Α	Α	Α
Preschool		SR	SR	SR	SR	SR	SR	SR	SR
Public service installations		SR	SR	SR	SR	SR	SR	SR	SR
Schools, commercial		SR	SR	SR	SR	SR	SR	SR	SR
Schools, public elementary, junior and senior high schools		Α	Α	Α	Α	Α	Α	Α	Α
Towers (see Sections 17.21.020—17.21.040)]		

Chapter 17.62 - CONDITIONAL LAND USES

17.62.010 - Purpose.

The purpose of conditional land uses is to provide for specific uses, other than those already allowed in each zoning district, which may be compatible uses in the district under certain safeguards or conditions. The conditional land use permitting process is intended to provide a detailed and comprehensive review of such proposed, compatible developments and to insure the interest of the public, the community, and the larger neighborhood area are protected. Conditional uses, once granted by the city, are sight specific and run with the land. Land use changes not specifically included in the approval of a conditional use are a violation of the city zoning ordinance.

(Ord. 03-4 (part), 2003)

17.62.020 - Requirements.

No structure or land use may be used for any purpose other than those allowed within a zoning district as specified in the zoning ordinance unless either a variance has been granted (under Chapter 17.60 or 17.64 of this code) or a conditional land use permit therefor has been provided. The zoning commission may recommend and the city can require any information that will allow the decision makers to comprehensively evaluate and decide on applications for conditional uses brought before them. The zoning commission may recommend and the city can require, after consideration of the application for conditional use, those conditions under which such land use may be allowed to include but not be necessarily limited to the following:

- A. Adequate ingress and egress with concern for vehicular and pedestrian safety and convenience, traffic flow and control, and emergency access as reviewed and approved by the city public works director;
- B. Adequate off-street parking and loading with attention to vehicular and pedestrian safety and traffic flow;
- C. Conditions that control, specify, or plan for the generation of odors, noise, hours of operation, signage, or impact on the neighborhood of natural systems;
- D. Adequate landscaping, screening, mitigation of impact on adjacent property and buffering; and
- E. Compatibility with adjacent and neighborhood land uses and Laurel's GMP.

(Ord. 03-4 (part), 2003)

17.62.030 - Application process.

Twelve copies of the conditional use application form and required review fee shall be submitted to the planning board secretary thirty working days prior to the regularly scheduled zoning commission/planning board meeting at which the application will be considered. The planning board secretary shall note the time of receipt, keep one copy, send one copy to the city planner, and forward the remainder to the members of the zoning commission.

A. The zoning commission shall publish notice of public hearing in the local newspaper at least fifteen days prior to the zoning commission meeting at which the application will be considered; adjacent property owners of record within one hundred fifty feet of the application property shall also be notified by mail by the zoning commission. The applicant or

the authorized agent must attend the public hearings before both the zoning commission and the city council.

- B. The conditional use application shall include twelve copies of:
 - 1. Conditional use application form;
 - 2. Legal description of the property;
 - 3. Address or general location of property;
 - 4. Existing zoning;
 - 5. Specific land use being requested;
 - 6. Reason for request;
 - 7. Scaled drawings of the subject property, proposed use, existing buildings and improvements, adjacent land use, fences, etc.;
 - 8. Other information as may be needed by the zoning commission;
 - 9. Name, address and telephone number of owner of record;
 - 10. Name, address and telephone number of agent of owner of record;
 - 11. List of current property owners adjacent to and within one hundred fifty feet of the parcel for which a conditional use permit is sought;
 - 12. Review fee.
- C. After the public hearing for the conditional use, the zoning commission shall delay its recommendation to city council no longer than thirty working days. The city council shall publish notice of and conduct a second public hearing before the council, consider the recommendation of the zoning commission and make its decision.

(Ord. 03-4 (part), 2003)

File Attachments for Item:

2. Resolution - A Resolution Of The City Council Selecting RDO Equipment As The Successful Bidder For The City's Purchase Of A Backhoe.

RESOLUTION NO. R21-__

A RESOLUTION OF THE CITY COUNCIL SELECTING RDO EQUIPMENT AS THE SUCCESSFUL BIDDER FOR THE CITY'S PURCHASE OF A BACKHOE.

WHEREAS, the City of Laurel planned to purchase new equipment, specifically a backhoe, which was publicly advertised for competitive bids from interested and qualified bidders; and

WHEREAS, City Staff reviewed and considered the bids received and recommends the City Council award the bid to the qualified and responsive bid that appears to be in the City's best interest; and

WHEREAS, RDO Equipment submitted a bid of \$165,500.00 for a backhoe that meets the City's specifications. City Staff determined the bid is in the best interest of the City. The Bid documents are attached hereto and incorporated herein.

NOW, THEREFORE, BE IT RESOLVED the City Council of the City of Laurel, Montana, finds that the City has followed its procurement policies and state law requiring competitive bidding; and

BE IT FUTHER RESOLVED the City Council hereby awards the bid to RDO Equipment for its bid price of \$165,500.00. The Mayor and City Clerk are authorized to sign all necessary documents, agreements or contracts on the City's behalf consistent with this resolution for the equipment purchase.

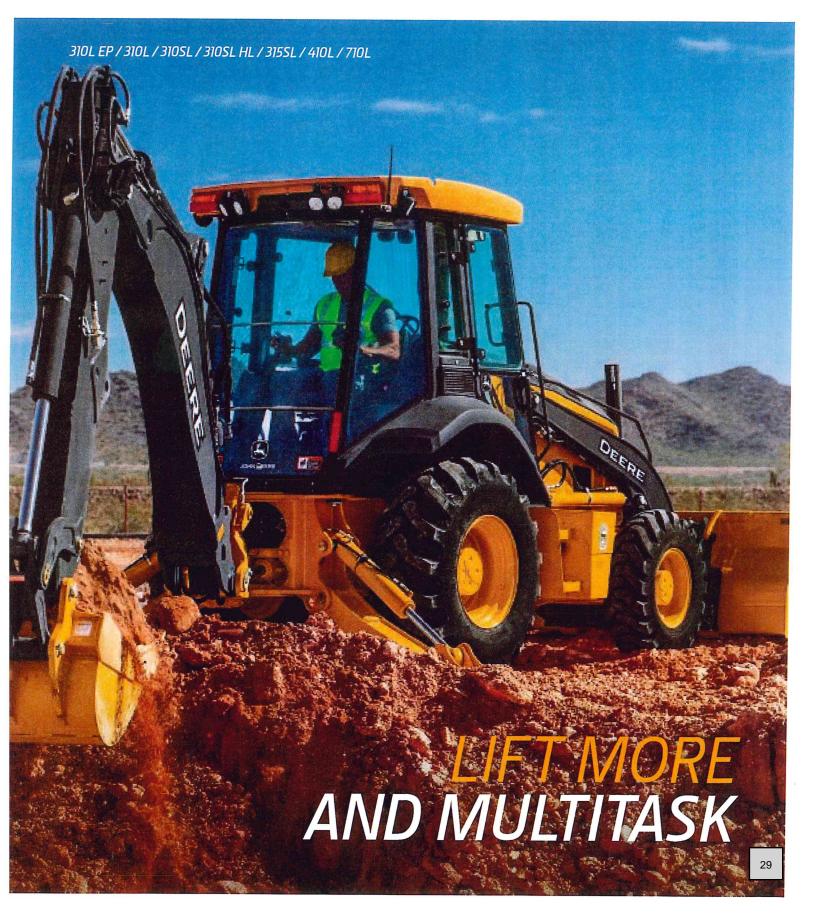
Introduced at a regular meeting of the City Council on February 23, 2021, by Council Mem	ıbeı
PASSED and APPROVED by the City Council of the City of Laurel this 23 rd day of February 20)21
APPROVED by the Mayor this 23 rd day of February 2021.	
CITY OF LAUREL	
Thomas C. Nelson, Mayor	
ATTEST:	
Bethany Langve, Clerk-Treasurer, Clerk-Treasurer	
Approved as to form:	

Sam Painter, Civil City Attorney

							Tractor + Equipment 4es	Name of Bidder Bid Bond A	
					-	WIA \$165 500.00	NIA \$178,515.00	Adendom Bid Amount	Bid Opening - Backhoe
			-			710 John Dear) 450 Cat	Model	

L-SERIES **BACKHOES**





THE L-SERIES LOOKING FOR MORE RELIABILITY AND PRODUCTIVITY?





GET MORE DONE WITH ONE

MULTIFUNCTION VERSATILITY, EXCEPTIONAL CAPABILITY.

Why run two machines when one will do? Whether you're loading trucks, busting up blacktop, placing pipe, digging trenches, or moving materials, an L-Series Backhoe is more than up to the task. Building upon our highly productive K-Series Backhoes, the L-Series features additional backhoe lift capability and PCLS hydraulics (on the 310SL, 310SL HL, 410L, and 710L), for superb multifunction performance. The result: our most versatile backhoes ever.

Proven engine technology

You can feel confident in the reliability, performance, and fuel efficiency of the 310L EP's proven Yanmar 3.3L engine. This EPA Interim Tier 4 (IT4)-equivalent diesel complies with EPA Final Tier 4 (FT4)/EU Stage IV emissions regulations without the need for aftertreatment components, minimizing machine complexity and the number of parts needed to maintain your fleet.

Powerful FT4 engines

Rugged FT4/Stage IV John Deere PowerTech™ EWL 4045 engine on the 310L, 310SL, 310SL HL, 315SL, and 410L boosts power, torque, and reliability compared to previous models. Simple two-valve cylinder-head, wet-sleeve design with replaceable cylinder liners provides uniform cooling and aids in reducing oil breakdown and ring wear. Filter locations have been redesigned and improved over earlier models.

Multifunction hydraulics

PCLS hydraulics on the 310SL, 310SL HL, 410L, and 710L supply superb multifunction capability at all engine-rpm speeds.

Control the ride and the load

Auto ride control eliminates the need to manually turn the feature on and off during load and carry applications, enhancing the operator's ease of use. When activated, front loader cylinders function as a shock absorber, smoothing the ride over rough terrain and reducing material spillage. On/Off functionality is controlled by ground speed and can be adjusted by the operator in the cab's display monitor.

Set it and go to work

When enabled on the sealed-switch module, AutoShift (standard on 310SL, 310SL HL, 315SL, 410L, and 710L) automatically shifts the PowerShift™ transmission to the appropriate gear. Simply set the control lever to the highest gear desired, and the transmission will optimally shift based on engine rpm and ground speed.

True four-wheel drive on command

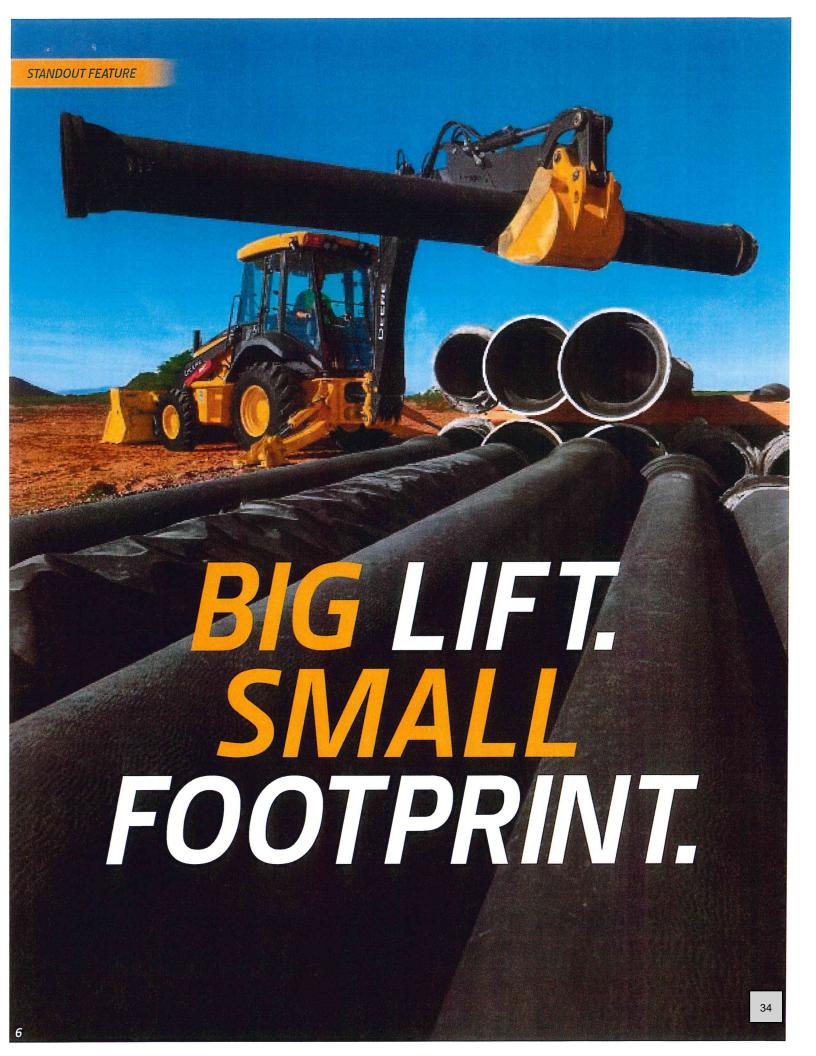
Limited-slip mechanical-front-wheel drive (MFWD) (not available on 310L EP) delivers surefooted traction in any ground condition. Engage momentary MFWD "on the fly" with the touch of a button on the loader control.

Make the shift

New powered sideshift option for the 315SL enables smooth side-by-side shifts in under six seconds, for more precise backhoe repositioning. Its design includes a series of two hydraulic cylinders used to smoothly shift the backhoe, eliminating the need for a chain-drive or pulley system. It's easily unlocked and controlled via the combination in-cab switch on the main control panel.

Powered sideshift option allows operators to take full advantage of the 315SL's narrow footprint with vertical stabilizers. This is particularly valuable in applications such as street repair; underground utility work in congested urban areas; constructing square trench boxes; and digging next to buildings, walls, or other structures.





HEAVY-LIFT BACKHOES

Managing an expanding workload and multiple tasks doesn't have to mean moving up to a larger backhoe. Boasting significantly more lifting capability than previous models, along with pressure-compensated load-sensing (PCLS) hydraulics, our 310SL, 310SL HL, 410L, and 710L are surprisingly adept — and may be the perfect addition to your equipment lineup.







See what you can do now

Now with PCLS hydraulics, the 310SL features provide increased productivity and smooth multifunction control, with increased cycle times improving trenching productivity by 16 percent over the prior 310SL design. Trenching operation can be conducted at a lower engine rpm, reducing fuel consumption and jobsite noise.

More lift capacity at the push of a button

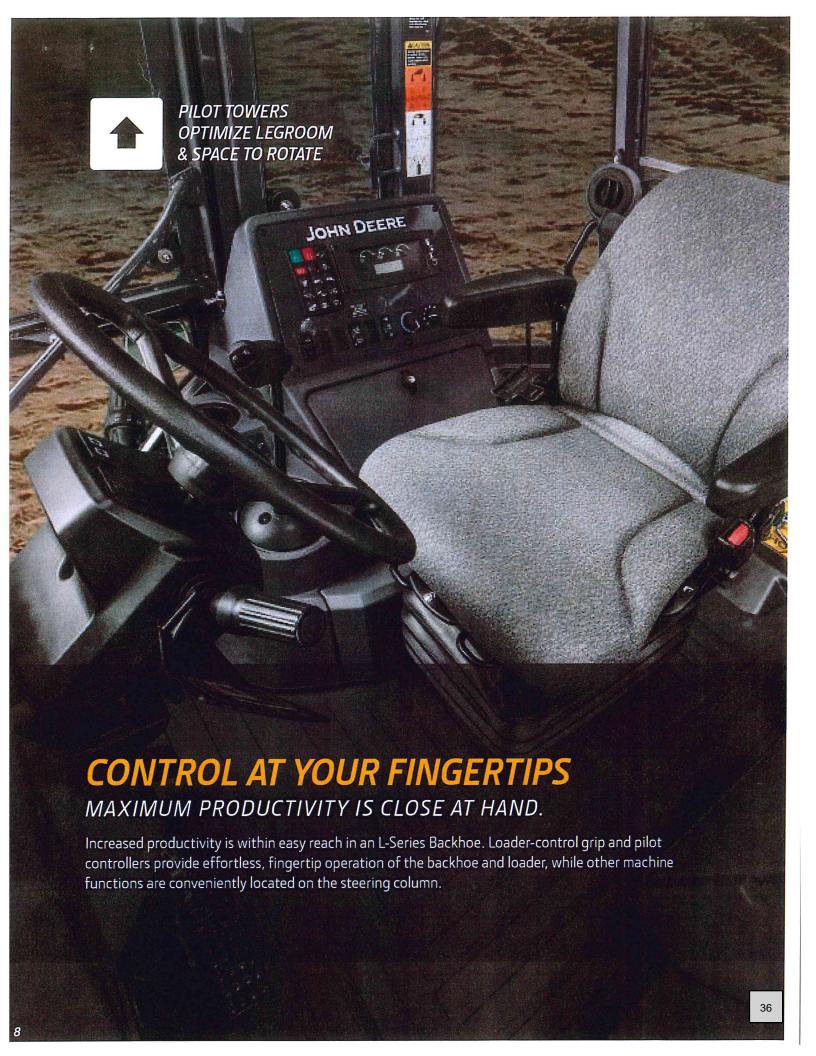
Lift mode on the 310SL, 310SL HL, 410L, and 710L provides an additional boost of 10 to 15 percent. Simply push a button on the sealed-switch module to set engine rpm at 1,400 and maximize hydraulic pressure for increased lifting capability.

The choice is yours

The 310SL and 310SL HL deliver all the advantages of PCLS hydraulics in the 14-foot digging-depth category, enabling operator efficiency and productivity through improved multifunction control. For additional performance, the 310SL HL has up to 25-percent-more rear-craning capacity and 10 more net horsepower.

Control in close quarters

Standard on the 310SL, 310SL HL, 410L, and 710L, precision mode reduces the speed of hydraulic backhoe functions without sacrificing lift performance, for close work around underground utilities or jobsite obstacles, or when lifting. This control-enhancing feature is especially useful for less experienced operators or new trainees.







Extend your workday

LED lighting kit brings things into focus when your workday goes long. For enhanced trenching visibility, boom-light field kit for the 310SL, 310SL HL, and 410L includes two LED floodlights mounted to each side of the boom.

Take it easy

Enhanced "palm-on-top" loader-control grip is comfortable and easy to use. Redesigned loader-lever linkage reduces resistance and improves its throw and feel, decreasing lever travel by up to 15 percent.

Steering column controls

Exterior lights, wipers, and turn signals are conveniently located on the multifunction lever on the steering column — just like the family SUV — helping operators keep their eyes on the job at hand.

Excellent view to front loader bucket

Clear sightlines to the loader bucket corners have been maintained over the sloped hood, even with the addition of the aftertreatment components needed to meet FT4/Stage IV compliance.

Fatigue-beating comfort

L-Series Backhoes are loaded with creature comforts, including efficient HVAC system, adjustable mechanical or air-suspension seat, and optional premium radio with Bluetooth® and auxiliary input.

Have a seat — your way

Two seat options are available from the factory to maximize comfort and productivity. A heated, air-suspension seat helps keep the operator warm and comfortable even on the coldest days. An air-suspension seat smoothes the ride for open-canopy configurations.



UNSURPASSED RELIABILITY

WON'T BACK DOWN. OR LET YOU DOWN.

Built with state-of-the-art tools and technology by a quality-conscious workforce at our world-class facility in Dubuque, Iowa, U.S.A., L-Series Backhoes deliver superb reliability and uptime. When you know how they're built, you'll see how tough they are.



4 VVD

OPTION AT YOUR

COMMAND







Your bucket list

Our multipurpose buckets have been enhanced to boost durability. New clamshell design features tilt-free dumping, a reinforced third cutting edge, and improved hinge profile for minimized material spillage compared to previous offerings.

Bias and radial tire options

Choose from a variety of factory-installed tire options, for the traction, performance, and long service life your specific application requires. On mechanical-front-wheel drive (MFWD)-equipped models, the machine will automatically disable MFWD in fourth and fifth gears to reduce tire wear.

Maintenance-free batteries

Standard maintenance-free batteries reduce periodic servicing, improve cold-starting reliability, and lengthen battery life.

Diff-lock protection

Enabled through the monitor, differential-lock protection prevents engagement at high travel speeds and the resulting wear and tear on axle components.

Quick, clean filter changes

Vertical spin-on engine, transmission, and hydraulic filters and quick-release fuel filters allow fast, clean changes. Standard heavy-duty transmission oil filter enhances reliability over standard-duty filter. Diesel exhaust fluid (DEF) filter has been relocated from the tank, improving access and extending the change interval.

Put the brakes on

When MFWD braking is enabled through the monitor and the brakes are applied, the machine automatically activates MFWD, slowing the machine down faster and extending service-brake life.

Premium hydraulic oil

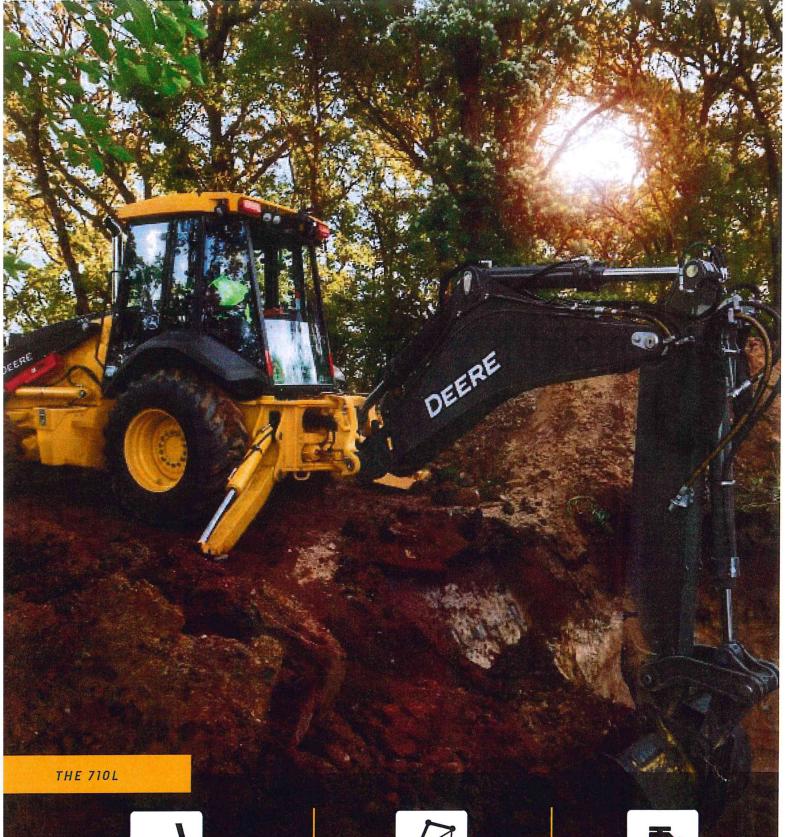
L-Series Backhoes come factory-filled with Hydrau™ premium all-season, anti-wear hydraulic oil specifically designed for construction equipment. For cold weather, opt for Hydrau™ XR, which offers all-season protection from –40 to 40 deg. C (–40 to 104 deg. F).

Protect your investment

Machine-security system with touchpad passcode safeguards against unauthorized operation.

Get connected

Customer-inspired backhoe hydraulic quick-coupler option helps expand jobsite capabilities. When equipped, both front loader and rear backhoe hydraulic couplers are conveniently controlled, based on seat position, by a single button on the sealed-switch module.





21'9"

MAXIMUM DIGGING DEPTH (WITH OPTIONAL EXTENDABLE DIPPERSTICK)



ир то 10%

INCREASE IN BACKHOE LIFT CAPACITY (WITH LIFT MODE ACTIVATED)



MORE HORSE-**POWER THAN PREVIOUS MODEL**



7/101

SPECIFICATIONS

While general information, pictures, and descriptions are provided, some illustrations and text may include product options and accessories NOT AVAILABLE in all regions, and in some countries products and accessories may require modifications or additions to ensure compliance with the local regulations of those countries.

Engine	710L						
Manufacturer and Model	John Deere PowerTech™ Plus 40	045HT084 series turbocharged					
Non-Road Emission Standard	EPA Final Tier 4/EU Stage IV						
Displacement	4.5 L (276 cu. in.)						
Gross Peak Power	112 kW (150 hp) at 2,240 rpm						
Net Peak Power (ISO 9249)	110 kW (148 hp) at 2,240 rpm						
Net Peak Torque (ISO 9249)	570 Nm (420 lbft.) at 1,400 rpm						
Net Torque Rise	20%						
Lubrication	Pressure system with spin-on fi	Ites and cooles					
Air Cleaner	Dual-stage dry type with safety						
Cooling	budi-stage dry type with surety	The second control valve					
Fan Type	Flectronically controlled, variab	le rate, suction-type cooling fan					
Engine Coolant Rating	-40 deg. C (-40 deg. F)						
Engine Oil Cooler	Oil to water						
Powertrain	Oil to water						
Transmission	4-speed helical-cut gears full Pr	owerShift™ transmission with hydraulic r	reverser standard; electric clutch cutoff on loader lever				
Transmission	standard AutoShift	The same transmission with hydraulie	reversel statistically electric electric electric electric of loader level				
Torque Converter	Single stage, dual phase with 1.9	2:1 stall ratio. 280 mm (11 in.)					
Maximum Travel Speeds with Standard Engine with Mechanical-Front-Wheel Drive (MFWD),							
Measured with 21L-28 Rear Tires	Forward	Reverse					
Gear 1	6.0 km/h (3.7 mph)	6.7 km/h (4.2 mph)					
Gear 2	10.0 km/h (6.2 mph)	11.2 km/h (7.0 mph)					
Gear 3	24.6 km/h (15.3 mph)	27.4 km/h (17.0 mph)					
Gear 4	36.9 km/h (22.9 mph)	27.4 Km/ 11 (17.0 mpm)					
Axles	30.5 Km/ 11 (22.5 mpm)						
Axle Oscillation, Stop to Stop, Front Axle	18 deg.						
		0					
Axle Ratings	Front	Rear					
SAE J43	9000 kg (19,800 lb.)	11 500 kg (25,400 lb.)					
Dynamic	12 500 kg (27,600 lb.)	14 000 kg (30,900 lb.)					
Static	30 500 kg (67,200 lb.)	31 000 kg (68,300 lb.)					
Ultimate	45 000 kg (99,200 lb.)	45 000 kg (99,200 lb.)					
Differentials							
MFWD Axle	Automatic, limited-slip traction						
Rear Axle	Foot actuated, hydraulically eng	aged mechanical lock					
Steering (ISO 5010)	Hydrostatic power steering and	emergency steering					
Axle	MFWD	Non-Powered Front					
Curb-Turning Radius							
With Brakes	3.99 m (13 ft. 1 in.)	3.98 m (13 ft. 1 in.)					
Without Brakes	4.58 m (15 ft. 0 in.)	4.57 m (15 ft. 0 in.)					
Bucket-Clearance Circle							
With Brakes	11.42 m (37 ft. 6 in.)	11.43 m (37 ft. 6 in.)					
Without Brakes	12.30 m (40 ft. 4 in.)	12.31 m (40 ft. 5 in.)					
Steering Wheel Turns (lock to lock, flow amplified)	2.7 to 4.4	2.9 to 4.7					
MFWD Axle	Heavy duty, outboard planetary	final drives distribute shock loads over	3 gears				
Rear Axle		nal drives distribute shock loads over 3					
Brakes (ISO 3450)	, a,		37-115-112-112-112-112-112-112-112-112-112				
Service	Full power hydraulic wet disc m	ounted inboard, self-adjusting and self	-equalizing				
Parking	The state of the s		service brakes with electric switch control				
Hydraulics		and the state of t	The state of the s				
Main Pump	Pressure compensated load sens	ing (PCLS), avial-niston numn					
Main Pump Pump Flow at 2,200 rpm, Backhoe and Loader		mg tr cc3), axiai-piston punip					
	197 L/m (52 gpm)						
System Relief Pressure, Backhoe and Loader	2/ 002 0 /2 625 13						
Backhoe	24 993 kPa (3,625 psi)						
Lift Mode	26 890 kPa (3,900 psi)						
Loader	24 993 kPa (3,625 psi)						



SPECIFICATIONS



While general information, pictures, and descriptions are provided, some illustrations and text may include product options and accessories NOT AVAILABLE in all regions, and in some countries products and accessories may require modifications or additions to ensure compliance with the local regulations of those countries.

Hydraulics (continued)	710L			
Controls				
Backhoe	Pilot controls with pattern se	ect standard; electrohydraulic (EH) auxili	ary functions optional	
Loader	Single-lever control with elec optional	tric clutch cutoff, momentary MFWD, trai	nsmission quick-shift, and EH auxiliary load	der contr
Cylinders				
Heat-treated, chrome-plated, polished rods; hard				
	Bore	Rod Diameter	Stroke	
Loader Boom (2)	100 mm (3.94 in.)	56 mm (2.20 in.)	805 mm (31.69 in.)	
_oader Bucket (1)	110 mm (4.33 in.)	56 mm (2.20 in.)	672 mm (26.44 in.)	
Backhoe Boom (1)	160 mm (6.30 in.)	95 mm (3.74 in.)	944 mm (37.17 in.)	
Backhoe Crowd (1)	140 mm (5.51 in.)	85 mm (3.35 in.)	792 mm (31.16 in.)	
Backhoe Bucket (1)	110 mm (4.33 in.)	70 mm (2.76 in.)	939 mm (36.97 in.)	
Backhoe Swing (2)	110 mm (4.33 in.)	56 mm (2.20 in.)	308 mm (12.13 in.)	
Backhoe Extendable Dipperstick (1)	80 mm (3.15 in.)	45 mm (1.77 in.)	1372 mm (54.00 in.)	
Backhoe Stabilizer, Extended (2)	115 mm (4.53 in.)	63 mm (2.48 in.)	588 mm (23.15 in.)	
Non-Powered Axle (1)	75 mm (2.95 in.)	45 mm (1.77 in.)	240 mm (9.45 in.)	
AFWD (1)	75 mm (2.95 in.)	50 mm (1.97 in.)	260 mm (10.24 in.)	
lectrical		30 mm (1.57 mm)	200 11111 (10:27 111.)	
/oltage	12 volt			
Alternator Rating	160 amp (cab)			
ights		1.2 side docking (32 500 candlenower eac	h); turn signals and flashers: 2 front and 2	rear:
igits		reflectors; factory-installed option for 2 L	ED spotlights and 8 LED floodlights in lieu	
perator Station				
ype (ISO 3471)	Fully enclosed cab, isolation m	ounted, ROPS/FOPS, left/right access, wi	ith molded roof; optional canopy	
ires/Wheels				
	Front	Rear		
		110-17		
Ion-Powered Front Axle	12.5/80-18 F3 (16)	21L-28 R4 (18)		
Non-Powered Front Axle	12.5/80-18 F3 (16) 14.5/75-16.1 F3 (16)			
		21L-28 R4 (18)		
	14.5/75-16.1 F3 (16)	21L-28 R4 (18) 20.5-25 L-3 (20)		
Vith MFWD	14.5/75-16.1 F3 (16) 15-19.5 R4 (12)	21L-28 R4 (18) 20.5-25 L-3 (20) 21L-28 R4 (18)		
Vith MFWD	14.5/75-16.1 F3 (16) 15-19.5 R4 (12)	21L-28 R4 (18) 20.5-25 L-3 (20) 21L-28 R4 (18)		
Vith MFWD	14.5/75-16.1 F3 (16) 15-19.5 R4 (12)	21L-28 R4 (18) 20.5-25 L-3 (20) 21L-28 R4 (18)		
Vith MFWD erviceability efill Capacities	14.5/75-16.1 F3 (16) 15-19.5 R4 (12)	21L-28 R4 (18) 20.5-25 L-3 (20) 21L-28 R4 (18)		
erviceability efill Capacities Cooling System Cab	14.5/75-16.1 F3 (16) 15-19.5 R4 (12) 15-19.5 R4 (12)	21L-28 R4 (18) 20.5-25 L-3 (20) 21L-28 R4 (18)		
erviceability efill Capacities Cooling System Cab Canopy	14.5/75-16.1 F3 (16) 15-19.5 R4 (12) 15-19.5 R4 (12) 28.4 L (30 qt.) 26.4 L (27.9 qt.)	21L-28 R4 (18) 20.5-25 L-3 (20) 21L-28 R4 (18)		
erviceability efill Capacities Cooling System Cab Canopy Rear Axle	14.5/75-16.1 F3 (16) 15-19.5 R4 (12) 15-19.5 R4 (12) 28.4 L (30 qt.) 26.4 L (27.9 qt.) 25 L (26.4 qt.)	21L-28 R4 (18) 20.5-25 L-3 (20) 21L-28 R4 (18)		
erviceability efill Capacities Cooling System Cab Canopy Rear Axle Engine Oil (including vertical spin-on filter)	14.5/75-16.1 F3 (16) 15-19.5 R4 (12) 15-19.5 R4 (12) 28.4 L (30 qt.) 26.4 L (27.9 qt.) 25 L (26.4 qt.) 13 L (13.7 qt.)	21L-28 R4 (18) 20.5-25 L-3 (20) 21L-28 R4 (18)		
erviceability defill Capacities Cooling System Cab Canopy Rear Axle Engine Oil (including vertical spin-on filter) Torque Converter and Transmission	14.5/75-16.1 F3 (16) 15-19.5 R4 (12) 15-19.5 R4 (12) 28.4 L (30 qt.) 26.4 L (27.9 qt.) 25 L (26.4 qt.) 13 L (13.7 qt.) 15.1 L (16 qt.)	21L-28 R4 (18) 20.5-25 L-3 (20) 21L-28 R4 (18)		
erviceability efill Capacities Cooling System Cab Canopy Rear Axle Engine Oil (including vertical spin-on filter) Torque Converter and Transmission Fuel Tank (with ground-level fueling)	14.5/75-16.1 F3 (16) 15-19.5 R4 (12) 15-19.5 R4 (12) 28.4 L (30 qt.) 26.4 L (27.9 qt.) 25 L (26.4 qt.) 13 L (13.7 qt.) 15.1 L (16 qt.) 174.1 L (46 gal.)	21L-28 R4 (18) 20.5-25 L-3 (20) 21L-28 R4 (18)		
erviceability efill Capacities Cooling System Cab Canopy Rear Axle Engine Oil (including vertical spin-on filter) Torque Converter and Transmission Fuel Tank (with ground-level fueling) Diesel Exhaust Fluid (DEF) Tank	14.5/75-16.1 F3 (16) 15-19.5 R4 (12) 15-19.5 R4 (12) 28.4 L (30 qt.) 26.4 L (27.9 qt.) 25 L (26.4 qt.) 13 L (13.7 qt.) 15.1 L (16 qt.) 174.1 L (46 gal.) 13.7 L (3.6 gal.)	21L-28 R4 (18) 20.5-25 L-3 (20) 21L-28 R4 (18)		
erviceability efill Capacities Cooling System Cab Canopy Rear Axle Engine Oil (including vertical spin-on filter) Torque Converter and Transmission Fuel Tank (with ground-level fueling) Diesel Exhaust Fluid (DEF) Tank Hydraulic System	14.5/75-16.1 F3 (16) 15-19.5 R4 (12) 15-19.5 R4 (12) 28.4 L (30 qt.) 26.4 L (27.9 qt.) 25 L (26.4 qt.) 13 L (13.7 qt.) 15.1 L (16 qt.) 174.1 L (46 gal.) 174.1 L (46 gal.)	21L-28 R4 (18) 20.5-25 L-3 (20) 21L-28 R4 (18)		
erviceability efill Capacities Cooling System Cab Canopy Rear Axle Engine Oil (including vertical spin-on filter) Torque Converter and Transmission Fuel Tank (with ground-level fueling) Diesel Exhaust Fluid (DEF) Tank Hydraulic System Hydraulic Reservoir	14.5/75-16.1 F3 (16) 15-19.5 R4 (12) 15-19.5 R4 (12) 28.4 L (30 qt.) 26.4 L (27.9 qt.) 25 L (26.4 qt.) 13 L (13.7 qt.) 15.1 L (16 qt.) 174.1 L (46 gal.) 13.7 L (3.6 gal.)	21L-28 R4 (18) 20.5-25 L-3 (20) 21L-28 R4 (18)		
erviceability efill Capacities Cooling System Cab Canopy Rear Axle Engine Oil (including vertical spin-on filter) Torque Converter and Transmission Fuel Tank (with ground-level fueling) Diesel Exhaust Fluid (DEF) Tank Hydraulic System Hydraulic Reservoir MFWD Housing	14.5/75-16.1 F3 (16) 15-19.5 R4 (12) 15-19.5 R4 (12) 28.4 L (30 qt.) 26.4 L (27.9 qt.) 25 L (26.4 qt.) 13 L (13.7 qt.) 15.1 L (16 qt.) 174.1 L (46 gal.) 174.1 L (46 gal.) 50.1 L (13.2 gal.)	21L-28 R4 (18) 20.5-25 L-3 (20) 21L-28 R4 (18)		
erviceability efill Capacities Cooling System Cab Canopy Rear Axle Engine Oil (including vertical spin-on filter) Torque Converter and Transmission Fuel Tank (with ground-level fueling) Diesel Exhaust Fluid (DEF) Tank Hydraulic System Hydraulic Reservoir MFWD Housing Axle	14.5/75-16.1 F3 (16) 15-19.5 R4 (12) 15-19.5 R4 (12) 28.4 L (30 qt.) 26.4 L (27.9 qt.) 25 L (26.4 qt.) 13 L (13.7 qt.) 15.1 L (16 qt.) 174.1 L (46 gal.) 13.7 L (3.6 gal.) 174.1 L (46 gal.) 50.1 L (13.2 gal.)	21L-28 R4 (18) 20.5-25 L-3 (20) 21L-28 R4 (18)		
erviceability efill Capacities Cooling System Cab Canopy Rear Axle Engine Oil (including vertical spin-on filter) Torque Converter and Transmission Fuel Tank (with ground-level fueling) Diesel Exhaust Fluid (DEF) Tank Hydraulic System Hydraulic Reservoir MFWD Housing Axle Planetary (each)	14.5/75-16.1 F3 (16) 15-19.5 R4 (12) 15-19.5 R4 (12) 28.4 L (30 qt.) 26.4 L (27.9 qt.) 25 L (26.4 qt.) 13 L (13.7 qt.) 15.1 L (16 qt.) 174.1 L (46 gal.) 174.1 L (46 gal.) 50.1 L (13.2 gal.)	21L-28 R4 (18) 20.5-25 L-3 (20) 21L-28 R4 (18)		
erviceability efill Capacities Cooling System Cab Canopy Rear Axle Engine Oil (including vertical spin-on filter) Torque Converter and Transmission Fuel Tank (with ground-level fueling) Diesel Exhaust Fluid (DEF) Tank Hydraulic System Hydraulic Reservoir MFWD Housing Axle Planetary (each) perating Weights	14.5/75-16.1 F3 (16) 15-19.5 R4 (12) 15-19.5 R4 (12) 28.4 L (30 qt.) 26.4 L (27.9 qt.) 25 L (26.4 qt.) 13 L (13.7 qt.) 15.1 L (16 qt.) 174.1 L (46 gal.) 13.7 L (3.6 gal.) 174.1 L (46 gal.) 50.1 L (13.2 gal.) 15 L (15.9 qt.) 2.2 L (2.3 qt.)	21L-28 R4 (18) 20.5-25 L-3 (20) 21L-28 R4 (18)		
erviceability efill Capacities Cooling System Cab Canopy Rear Axle Engine Oil (including vertical spin-on filter) Torque Converter and Transmission Fuel Tank (with ground-level fueling) Diesel Exhaust Fluid (DEF) Tank Hydraulic System Hydraulic Reservoir MFWD Housing Axle Planetary (each) perating Weights (ith Full Fuel Tank, 79-kg (175 lb.) Operator, and	14.5/75-16.1 F3 (16) 15-19.5 R4 (12) 15-19.5 R4 (12) 28.4 L (30 qt.) 26.4 L (27.9 qt.) 25 L (26.4 qt.) 13 L (13.7 qt.) 15.1 L (16 qt.) 174.1 L (46 gal.) 13.7 L (3.6 gal.) 174.1 L (46 gal.) 50.1 L (13.2 gal.)	21L-28 R4 (18) 20.5-25 L-3 (20) 21L-28 R4 (18)		
erviceability efill Capacities Cooling System Cab Canopy Rear Axle Engine Oil (including vertical spin-on filter) Torque Converter and Transmission Fuel Tank (with ground-level fueling) Diesel Exhaust Fluid (DEF) Tank Hydraulic System Hydraulic Reservoir MFWD Housing Axle Planetary (each) perating Weights Vith Full Fuel Tank, 79-kg (175 lb.) Operator, and candard Equipment Vicial with Cab, MFWD, Extendable Dipperstick,	14.5/75-16.1 F3 (16) 15-19.5 R4 (12) 15-19.5 R4 (12) 28.4 L (30 qt.) 26.4 L (27.9 qt.) 25 L (26.4 qt.) 13 L (13.7 qt.) 15.1 L (16 qt.) 174.1 L (46 gal.) 13.7 L (3.6 gal.) 174.1 L (46 gal.) 50.1 L (13.2 gal.) 15 L (15.9 qt.) 2.2 L (2.3 qt.)	21L-28 R4 (18) 20.5-25 L-3 (20) 21L-28 R4 (18)		
Rerviceability Refill Capacities Cooling System Cab Canopy Rear Axle Engine Oil (including vertical spin-on filter) Torque Converter and Transmission Fuel Tank (with ground-level fueling) Diesel Exhaust Fluid (DEF) Tank Hydraulic System Hydraulic Reservoir MFWD Housing Axle Planetary (each) perating Weights //ith Full Tank, 79-kg (175 lb.) Operator, and tandard Equipment //pical with Cab, MFWD, Extendable Dipperstick, and 680-kg (1,500 lb.) Counterweight	14.5/75-16.1 F3 (16) 15-19.5 R4 (12) 15-19.5 R4 (12) 28.4 L (30 qt.) 26.4 L (27.9 qt.) 25 L (26.4 qt.) 13 L (13.7 qt.) 15.1 L (16 qt.) 174.1 L (46 gal.) 13.7 L (3.6 gal.) 174.1 L (46 gal.) 50.1 L (13.2 gal.) 15 L (15.9 qt.) 2.2 L (2.3 qt.) 11 607 kg (25,588 lb.)	21L-28 R4 (18) 20.5-25 L-3 (20) 21L-28 R4 (18)		
erviceability efill Capacities Cooling System Cab Canopy Rear Axle Engine Oil (including vertical spin-on filter) Torque Converter and Transmission Fuel Tank (with ground-level fueling) Diesel Exhaust Fluid (DEF) Tank Hydraulic System Hydraulic Reservoir MFWD Housing Axle Planetary (each) perating Weights Fith Full Fuel Tank, 79-kg (175 lb.) Operator, and candard Equipment (pical with Cab, MFWD, Extendable Dipperstick, and 680-kg (1,500 lb.) Counterweight ptional Components (weight difference between	14.5/75-16.1 F3 (16) 15-19.5 R4 (12) 15-19.5 R4 (12) 28.4 L (30 qt.) 26.4 L (27.9 qt.) 25 L (26.4 qt.) 13 L (13.7 qt.) 15.1 L (16 qt.) 174.1 L (46 gal.) 13.7 L (3.6 gal.) 174.1 L (46 gal.) 50.1 L (13.2 gal.) 15 L (15.9 qt.) 2.2 L (2.3 qt.) 11 607 kg (25,588 lb.) 12 262 kg (27,033 lb.) In base equipment and option)	21L-28 R4 (18) 20.5-25 L-3 (20) 21L-28 R4 (18)		
erviceability efill Capacities Cooling System Cab Canopy Rear Axle Engine Oil (including vertical spin-on filter) Torque Converter and Transmission Fuel Tank (with ground-level fueling) Diesel Exhaust Fluid (DEF) Tank Hydraulic System Hydraulic Reservoir MFWD Housing Axle Planetary (each) perating Weights Aith Full Fuel Tank, 79-kg (175 lb.) Operator, and candard Equipment Apical with Cab, MFWD, Extendable Dipperstick, and 680-kg (1,500 lb.) Counterweight ptional Components (weight difference between Cab	14.5/75-16.1 F3 (16) 15-19.5 R4 (12) 15-19.5 R4 (12) 28.4 L (30 qt.) 26.4 L (27.9 qt.) 25 L (26.4 qt.) 13 L (13.7 qt.) 15.1 L (16 qt.) 174.1 L (46 gal.) 13.7 L (3.6 gal.) 174.1 L (46 gal.) 50.1 L (13.2 gal.) 15 L (15.9 qt.) 2.2 L (2.3 qt.) 11 607 kg (25,588 lb.) 12 262 kg (27,033 lb.) 1 base equipment and option) 293 kg (645 lb.)	21L-28 R4 (18) 20.5-25 L-3 (20) 21L-28 R4 (18)		
Vith MFWD Vericeability Refill Capacities Cooling System Cab Canopy Rear Axle Engine Oil (including vertical spin-on filter) Torque Converter and Transmission Fuel Tank (with ground-level fueling) Diesel Exhaust Fluid (DEF) Tank Hydraulic System Hydraulic Reservoir MFWD Housing Axle Planetary (each) perating Weights Vith Full Fuel Tank, 79-kg (175 lb.) Operator, and tandard Equipment voical with Cab, MFWD, Extendable Dipperstick, and 680-kg (1,500 lb.) Counterweight ptional Components (weight difference between Cab MFWD with Tires	14.5/75-16.1 F3 (16) 15-19.5 R4 (12) 15-19.5 R4 (12) 28.4 L (30 qt.) 26.4 L (27.9 qt.) 25 L (26.4 qt.) 13 L (13.7 qt.) 15.1 L (16 qt.) 174.1 L (46 gal.) 13.7 L (3.6 gal.) 174.1 L (46 gal.) 50.1 L (13.2 gal.) 15 L (15.9 qt.) 2.2 L (2.3 qt.) 11 607 kg (25,588 lb.) 12 262 kg (27,033 lb.) 1 base equipment and option) 293 kg (645 lb.) 373 kg (822 lb.)	21L-28 R4 (18) 20.5-25 L-3 (20) 21L-28 R4 (18)		
Cab Canopy Rear Axle Engine Oil (including vertical spin-on filter) Torque Converter and Transmission Fuel Tank (with ground-level fueling) Diesel Exhaust Fluid (DEF) Tank Hydraulic System Hydraulic Reservoir MFWD Housing Axle Planetary (each) Perating Weights With Full Fuel Tank, 79-kg (175 lb.) Operator, and tandard Equipment ypical with Cab, MFWD, Extendable Dipperstick, and 680-kg (1,500 lb.) Counterweight iptional Components (weight difference between Cab	14.5/75-16.1 F3 (16) 15-19.5 R4 (12) 15-19.5 R4 (12) 28.4 L (30 qt.) 26.4 L (27.9 qt.) 25 L (26.4 qt.) 13 L (13.7 qt.) 15.1 L (16 qt.) 174.1 L (46 gal.) 13.7 L (3.6 gal.) 174.1 L (46 gal.) 50.1 L (13.2 gal.) 15 L (15.9 qt.) 2.2 L (2.3 qt.) 11 607 kg (25,588 lb.) 12 262 kg (27,033 lb.) 1 base equipment and option) 293 kg (645 lb.)	21L-28 R4 (18) 20.5-25 L-3 (20) 21L-28 R4 (18)		

Overall Dimensions	710L
A Ground Clearance, Minimum	356 mm (14 in.)
B Overall Length, Transport	8.23 m (27 ft. 0 in.)
C Width Over Tires	2.37 m (7 ft. 9 in.)
D Height to Top of ROPS/Cab	2.97 m (9 ft. 9 in.)
E Length from Axle to Axle	
Non-Powered Front Axle	2.58 m (8 ft. 5 in.)
MFWD Axle	2.55 m (8 ft. 4 in.)

Backhoe Dimensions and Performance

Backhoe specifications are with 610-r	mm x 0.31-m² (24 in. x 11 cu. ft.) bucket; dipper lift specs are with a boom angle of 65 deg.
Bucket Range	610-914 mm (24-36 in.)

backet hange	010-714111111 (24-30
Digging Force	
Bucket Cylinder	78.4 kN (17,622 lb.)
Lift Mode	84.3 kN (18,959 lb.)
Crowd Cylinder	53.4 kN (11,999 lb.)
Lift Mode	57.4 kN (12,910 lb.)
Swing Arc	180 deg.
Operator Control	Pilot control

_	ociator control	i not control		
			With Optional Extendable Dipperstick	
		With Standard Backhoe	Retracted	Extended
F	Loading Height, Truck Loading Position	4.45 m (14 ft. 7 in.)	4.49 m (14 ft. 9 in.)	5.35 m (17 ft. 6 in.)
G	Reach from Center of Swing Pivot	6.84 m (22 ft. 5 in.)	6.84 m (22 ft. 5 in.)	8.15 m (26 ft. 9 in.)
Н	Reach from Center of Rear Axle	8.11 m (26 ft. 7 in.)	8.11 m (26 ft. 7 in.)	9.42 m (30 ft. 11 in.)
1	Digging Depth (SAE maximum)	5.26 m (17 ft. 3 in.)	5.26 m (17 ft. 3 in.)	6.63 m (21 ft. 9 in.)
J	Digging Depth (SAE)			
	610-mm (2 ft.) Flat Bottom	5.25 m (17 ft. 3 in.)	5.25 m (17 ft. 2 in.)	6.62 m (21 ft. 8 in.)
	2440-mm (8 ft.) Flat Bottom	4.96 m (16 ft. 3 in.)	4.96 m (16 ft. 3 in.)	6.40 m (21 ft. 0 in.)
K	Stabilizer Width, Transport	2.41 m (7 ft. 11 in.)	2.41 m (7 ft. 11 in.)	2.41 m (7 ft. 11 in.)
L	Stabilizer Spread, Operating	3.99 m (13 ft. 1 in.)	3.99 m (13 ft. 1 in.)	3.99 m (13 ft. 1 in.)
M	Stabilizer Overall Width, Operating	4.65 m (15 ft. 3 in.)	4.65 m (15 ft. 3 in.)	4.65 m (15 ft. 3 in.)
N	Bucket Rotation	190 deg.	190 deg.	190 deg.
0	Transport Height	4.23 m (13 ft. 10 in.)	4.23 m (13 ft. 10 in.)	4.23 m (13 ft. 10 in.)

Loader Dimensions and Performance

P	Bucket Dump Angle, Maximum	45 deg.		
Q	Rollback Angle at Ground Level	40 deg.		

Loader Dimensions and Performance (continu	ed) 710L		
	Standard-duty	Standard-duty	Multipurpose
Bucket Capacity	1.24 m³ (1.62 cu. yd.)	1.43 m³ (1.87 cu. yd.)	1.00 m³ (1.31 cu. yd.)
Width	2464 mm (97 in.)	2464 mm (97 in.)	2451 mm (96 in.)
Weight	830 kg (1,830 lb.)	866 kg (1,909 lb.)	995 kg (2,193 lb.)
Breakout Force	73.6 kN (16,539 lb.)	70.5 kN (15,853 lb.)	73.3 kN (16,474 lb.)
Lift Capacity, Full Height	4475 kg (9,866 lb.)	4239 kg (9,346 lb.)	4081 kg (8,998 lb.)
R Height to Bucket Hinge Pin, Maximum	3.73 m (12 ft. 3 in.)	3.73 m (12 ft. 3 in.)	3.73 m (12 ft. 3 in.)
S Dump Clearance, Bucket at 45 deg.	2.89 m (9 ft. 6 in.)	2.81 m (9 ft. 3 in.)	2.92 m (9 ft. 7 in.)
T Reach at Full Height, Bucket at 45 deg.	768 mm (30.2 in.)	849 mm (33.4 in.)	763 mm (30 in.)
U Digging Depth Below Ground, Bucket Leve	el 157 mm (6.2 in.)	157 mm (6.2 in.)	141 mm (5.5 in.)
V Length from Front Axle Centerline to Buck Cutting Edge	et 2.14 m (7 ft. 0 in.)	2.26 m (7 ft. 5 in.)	2.11 m (6 ft. 11 in.)

Lift Capacity with Quick-Coupler Forks

Ну	draulic Capacity	1219-mm (48 in.) Tines
ΑI	Maximum Height	2632 kg (5,803 lb.)
BI	Maximum Reach	4378 kg (9,651 lb.)
CI	At Ground Line	6057 kg (13,353 lb.)
DI	Below Ground Line	140 mm (5.5 in)

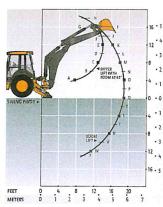


Lift Capacities

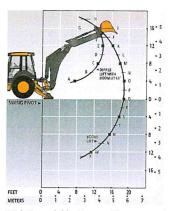
Lift capacities are over-end values in kg (lb.). Figures listed are 100% of the maximum lift force available.

			With 1.37-m (4 ft. 6	5 in.)	With 1.37-m (4 ft. 6	5 in.)
	With Standard Dip	perstick	Extendable Dippers	stick, Retracted	Extendable Dipper	stick, Extended
	Standard Lift	Lift Mode	Standard Lift	Lift Mode	Standard Lift	Lift Mode
Α	9519 kg (20,986 lb.)	9519 kg (20,986 lb.)	9343 kg (20,597 lb.)	9343 kg (20,597 lb.)	5431 kg (11,973 lb.)	5878 kg (12,958 lb.)
В	5244 kg (11,561 lb.)	5506 kg (12,140 lb.)	5109 kg (11,262 lb.)	5290 kg (11,662 lb.)	3397 kg (7,488 lb.)	3685 kg (8,123 lb.)
C	4492 kg (9,903 lb.)	4732 kg (10,432 lb.)	4344 kg (9,578 lb.)	4520 kg (9,965 lb.)	2914 kg (6,425 lb.)	3,165 kg (6,977 lb.)
D	4087 kg (9,010 lb.)	4419 kg (9,743 lb.)	3932 kg (8,669 lb.)	4229 kg (9,323 lb.)	2659 kg (5,862 lb.)	2889 kg (6,370 lb.)
E	3718 kg (8,197 lb.)	4022 kg (8,866 lb.)	3557 kg (7,843 lb.)	3860 kg (8,510 lb.)	2479 kg (5,466 lb.)	2695 kg (5,942 lb.)
F	3219 kg (7,096 lb.)	3483 kg (7,679 lb.)	3050 kg (6,724 lb.)	3313 kg (7,304 lb.)	2324 kg (5,123 lb.)	2527 kg (5,572 lb.)
G	2304 kg (5,079 lb.)	2497 kg (5,505 lb.)	2122 kg (4,679 lb.)	2314 kg (5,102 lb.)	2164 kg (4,771 lb.)	2355 kg (5,192 lb.)
Н	2500 kg (5,512 lb.)	2717 kg (5,990 lb.)	2291 kg (5,052 lb.)	2508 kg (5,530 lb.)	1974 kg (4,351 lb.)	2150 kg (4,740 lb.)
1	2572 kg (5,670 lb.)	2805 kg (6,184 lb.)	2348 kg (5,177 lb.)	2581 kg (5,691 lb.)	1719 kg (3,790 lb.)	1875 kg (4,135 lb.)
J	2532 kg (5,581 lb.)	2766 kg (6,099 lb.)	2301 kg (5,073 lb.)	2536 kg (5,590 lb.)	1340 kg (2,954 lb.)	1467 kg (3,234 lb.)
K	2465 kg (5,434 lb.)	2697 kg (5,947 lb.)	2230 kg (4,916 lb.)	2462 kg (5,428 lb.)	1625 kg (3,583 lb.)	1789 kg (3,944 lb.)
L	2391 kg (5,271 lb.)	2620 kg (5,776 lb.)	2152 kg (4,744 lb.)	2381 kg (5,250 lb.)	1679 kg (3,701 lb.)	1852 kg (4,083 lb.)
M	2316 kg (5,105 lb.)	2541 kg (5,602 lb.)	2074 kg (4,573 lb.)	2300 kg (5,070 lb.)	1685 kg (3,714 lb.)	1862 kg (4,104 lb.)
N	2243 kg (4,945 lb.)	2464 kg (5,433 lb.)	1999 kg (4,407 lb.)	2220 kg (4,895 lb.)	1669 kg (3,680 lb.)	1848 kg (4,073 lb.)
0	2173 kg (4,791 lb.)	2391 kg (5,271 lb.)	1927 kg (4,248 lb.)	2145 kg (4,728 lb.)	1644 kg (3,624 lb.)	1822 kg (4,017 lb.)
Р	2107 kg (4,646 lb.)	2321 kg (5,118 lb.)	1859 kg (4,098 lb.)	2073 kg (4,570 lb.)	1613 kg (3,556 lb.)	1791 kg (3,947 lb.)
Q	2045 kg (4,509 lb.)	2256 kg (4,974 lb.)	1794 kg (3,956 lb.)	2005 kg (4,421 lb.)	1579 kg (3,482 lb.)	1756 kg (3,872 lb.)
R	1987 kg (4,381 lb.)	2195 kg (4,840 lb.)	1734 kg (3,823 lb.)	1942 kg (4,282 lb.)	1545 kg (3,406 lb.)	1721 kg (3,793 lb.)
S	1934 kg (4,263 lb.)	2139 kg (4,716 lb.)	1678 kg (3,698 lb.)	1883 kg (4,152 lb.)	1511 kg (3,331 lb.)	1685 kg (3,715 lb.)
T	1884 kg (4,154 lb.)	2088 kg (4,604 lb.)	1625 kg (3,583 lb.)	1829 kg (4,033 lb.)	1477 kg (3,257 lb.)	1650 kg (3,639 lb.)
U	1841 kg (4,058 lb.)	2044 kg (4,506 lb.)	1578 kg (3,479 lb.)	1781 kg (3,927 lb.)	1445 kg (3,185 lb.)	1617 kg (3,565 lb.)
٧	1805 kg (3,979 lb.)	2009 kg (4,429 lb.)	1537 kg (3,388 lb.)	1741 kg (3,838 lb.)	1414 kg (3,117 lb.)	1585 kg (3,495 lb.)
W	1786 kg (3,937 lb.)	1995 kg (4,397 lb.)	1509 kg (3,327 lb.)	1718 kg (3,787 lb.)	1385 kg (3,054 lb.)	1556 kg (3,429 lb.)
X	1794 kg (3,954 lb.)	2009 kg (4,429 lb.)	1508 kg (3,325 lb.)	1723 kg (3,799 lb.)	1359 kg (2,995 lb.)	1529 kg (3,370 lb.)
Υ		_	-	_	1335 kg (2,943 lb.)	1505 kg (3,318 lb.)
Z	_	=	_	_	1316 kg (2,900 lb.)	1486 kg (3,277 lb.)
a				_	1302 kg (2,871 lb.)	1475 kg (3,251 lb.)
b	_	_	_	-	1299 kg (2,865 lb.)	1476 kg (3,253 lb.)
c		_	_	-	1322 kg (2,914 lb.)	1506 kg (3,321 lb.)
d	_	_	-	_	1453 kg (3,202 lb.)	1666 kg (3,673 lb.)
	44 4		THE REST OF THE PARTY OF THE PA		refragence Thousand in a state	

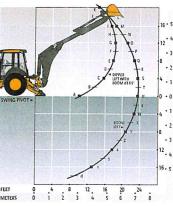
^{*}Indicates capacity is stability limited. Lift capacities are over end with stabilizers down and tires tangent to ground.



With Standard Dipperstick



With Extendable Dipperstick, Retracted



With Extendable Dipperstick, Extended

Additional equipment

Key: ● Standard ▲ Optional or special See your John Deere dealer for further information.

310L			310SL				
P		310SL	HL	315SL		710L	Engine
				•	•	•	Coolant recovery tank with low-level indicator
0	•	•	•	•	•	•	Foldout, hinged cooling system
•	•	•	•	•	•	•	Serpentine belt with automatic belt tensioner
0							Viscous variable-rate cooling fan
	•	•	•	•	•	•	Electronically controlled, variable-rate suction-type cooling fan
	•	•	•	•	•	•	Self-cleaning exhaust aftertreatment system
A	A	A		A	A	A	Chrome exhaust extension
	•	•	•	•	•		Grid heat
						•	Glow plugs
A	1,000-watt electric engine coolant heater						
•	•	•	•	•	•	•	Electronic fuel lift pump
1/9	STATE					- 454	Powertrain
•							4-speed manual synchromesh transmission
	•					•	PowerShift" transmission: Torque converter with twist-grip Transmission Control Lever (TCL) and neutral safety switch interlock (1st through 4th gears)
		•	•	•	•		PowerShift transmission: Torque converter with twist-grip TCL and neutral safety switch interlock (1st through 5th gears)
		•	•	•	•		5th-gear overdrive
		•	•	•	•	•	AutoShift transmission
	•	•	•	•	•	•	Transmission oil cooler
A	A	A	•	A	A	A	Transmission remote oil-sampling port
0	•	•	•	•	•	•	Differential lock, electric foot actuated, protection on/off [software enabled]
							Differential lock, electric foot actuated
		0	•	•	•	•	Auto shutdown
		0	•	•			Planetary final drives
•	•	•	•	•	•	•	Power-assisted hydraulic service brakes (conform to ISO 3450): Inboard, wet multidisc, self-adjusting and self-equalizing
•	•	•	•	•	•	•	Parking/emergency brake with electric switch control (conforms to ISO 3450): Spring applied, hydraulically released wet multi-disc / Independent of service brakes
•	•	•	•	•	•	•	Hydrostatic power steering with
10.		4 65					emergency manual mode
<u> </u>	A	A	A	A	A	A	Non-powered front axle
	•						MFWD with open differential: Electric on/off control / Sealed axle (310L only)
	A	•	•	•	•	•	MFWD with traction-control limited-slip differential: Electric on/off control / Sealed axle
	•	0	•	•	•	•	Automatic MFWD braking
_	A	A	A	A	A		MFWD driveshaft guard
							Backhoe
		•	•		•	•	Lift mode
		•	•		•	•	Precision mode
				•			Standard dipperstick digging depth 4.08 m (13 ft. 5 in.) 4.16 m (13 ft. 8 in.)

2101		Dog San	21051		F Lyl XX	(0.70)	and the second second second
310L EP	2101	310SL	310SL HL	315SL	410L	710L	Pasishno (sessioned)
CF	JIUL	3103L	nL	DIDDE	HIUL	TIUL	Backhoe (continued)
							Standard dipperstick digging depth (cont.)
	•						4.30 m (14 ft. 1 in.)
							4.35 m (14 ft. 3 in.)
							4.59 m (15 ft. 1 in.)
							4.85 m (15 ft. 11 in.)
						•	5.26 m (17 ft. 3 in.)
							Extendable dipperstick extension
			A				1.06 m (3 ft. 6 in.)
					A		1.21 m (4 ft. 0 in.)
						A	1.37 m (4 ft. 6 in.)
					•		Heavy-duty (HD) backhoe bucket cylinder
	•	•			•		ISO (Deere) 2-lever mechanical backhoe
		-87		100	3		controls
A	A	A	•	A	A		2-lever pilot controls with pattern- selection feature
		•	•		•	•	Backhoe transport lock lever
					•	•	Swing lock pin stored in operator's station
•	•	•	•	•	•	•	Stabilizers with 2-direction anti-drift valves
		•	•		•	•	Extended (long) stabilizers with reversible pads
		A	A		A		Severe-duty backhoe bucket with lift loops
A		A	A	A	A		Backhoe couplers for John Deere, Case, and Cat buckets
A	•	•	A	•	A	A	Auxiliary backhoe valve with 1-way flow for hammers and compactors with plumbing
A	A	A	A		A	A	Auxiliary backhoe valve with 1- and 2-way flow for swingers, thumbs, augers, etc. (plumbing not included)
A	•	A	A		A		Hydraulic thumb
		A	A				Rear hydraulic coupler
		A	A	A	A		Spring-type coupler
							Loader
•	•	•	•	•	•	•	Loader bucket anti-spill (rollback)
	•	•	•		•	•	Return-to-dig feature
•	•	•	•		•	•	Single-lever control with electric clutch disconnect
•	•	•	•		•	•	Bucket-level indicator
	•	•	•	•	•	•	Loader boom service lock
		•	•	•	•	•	Loader valve with integrated anti-drift
							checks for hydraulic cylinders controlling loader boom up and bucket dump
A	A	A	A	A	A	A	Auxiliary loader hydraulics with single control lever with EH auxiliary control (MFWD and clutch disconnect)
A	A	A	A	A	A	A	Hydraulic coupler for buckets, forks, etc.
A	A						Standard ride control
		A	A	A	A	•	Auto ride control
¹See d	ealer fo	or range	of HD.	multion	rpose.	and co	upler buckets and forks.
		90					Hydraulic System
•							124-L/m (32.8 gpm) backhoe flow, 114-L/m (30.1 gpm) loader flow
							106-L/m (28 gpm) single-gear pump,
							open-center system
							136-L/m (36 gpm) tandem-gear pump,

open-center system

While general information, pictures, and descriptions are provided, some illustrations and text may include product options and accessories NOT AVAILABLE in all regions, and in some countries products and accessories may require modifications or additions to ensure compliance with the local regulations of those countries.

Net engine power is with standard equipment including air cleaner, exhaust system, alternator, and cooling fan at test conditions specified per ISO 9249. No derating is

Net engine power is with standard equipment including air cleaner, exhaust system, alternator, and cooling fan at test conditions specified per ISO 9249. No derating is required up to 1500-mm (5,000 ft.) altitude for the 310L EP. Specifications and design are subject to change without notice. Wherever applicable, specifications are in accordance with ISO standards. Except where otherwise noted, these specifications are based on 310L EP and 310L units with 19.5L-24-in. 12PR (R4) tubeless rear and 12.16.5 12PR (F3) front tires, and 0.86-m³ (1.12 cu. yd.) loader buckets; a 310SL unit with 19.5L-24-in. 12PR (R4) tubeless rear and 12.5-80/18 10PR (R4) front tires, and 1.00-m³ (1.31 cu. yd.) loader bucket; a 310SL HL unit with lift mode, 19.5L-24-in. 12 PR (R4) tubeless rear and 12.5/80-18 12PR (R4) front tires, and 1.00-m³ (1.31 cu. yd.) loader bucket; a 410L unit with 16.9L-28 R4 (12) tubeless rear and 12.5/80-18 10PR (R4) front tires, and 1.05-m³ (1.5 cu. yd.) loader bucket; a 410L unit with 21L-28-in. 18PR (R4) tubeless rear and 12.5/80-18 10PR (R4) front tires, and 1.15-m³ (1.5 cu. yd.) loader bucket; a 410L unit with 21L-28-in. 18PR (R4) tubeless rear and 12.5/80-18 10PR (R4) front tires, and 1.15-m³ (1.5 cu. yd.) loader bucket; a 410L unit with 21L-28-in. 18PR (R4) tubeless rear and 15-19.5-in.

Additional equipment (continued)

Key: ● Standard ▲ Optional or special

See your John Deere dealer for further information.

310L			310SL			Marie 1		310L			31051				
EP	310L	310SL	HL		410L	710L	Hydraulic System (continued)	EP	310L	310SL			410L	710L	. Operator's Station (continued)
		•	•		•		159-L/m (42 gpm) axial-piston pump, pressure-compensated load-sensing			0	•	•	•	•	Multi-function lever: Turn signals / Wind- shield wipers / Some light functionality
						•	(PCLS) system 197-L/m (52 gpm) axial-piston pump,	•	•	•	•	•	•	•	Monitor system with audible and visual warnings: Engine air restriction / Low
							PCLS system								alternator voltage / Engine oil pressure /
	100		•	•	•	•	Auto-idle								Hydraulic filter restriction / Parking brake on/off / Aftertreatment temperature /
	•	•	•	•		•	Economy mode								Transmission fluid temperature / Fuel /
0	•	•	•	•	•	•	Dedicated hydraulic reservoir								Hour meter / Machine diagnostic infor-
				7 15 - S. S.			Electrical System								mation via 4-push-button/LCD operator
•	•	•	•	•	•	•	12-volt system				•		•		interface
•	C TO THE						130-amp alternator	•	•						Canopy: Mechanical-suspension deluxe vinyl swivel seat with lumbar adjustment
	•	•	•	•	•		145-amp alternator								and armrests (fully adjustable)
						•	160-amp alternator		_	_					Quarter Cab: Mechanical-suspension
•	•	•	•	•	•		Single battery with 180-min. reserve capacity and 925 CCA								deluxe vinyl swivel seat with lumbar adjustment and armrests (fully adjust-
A	A	A	•	A	A	•	Dual batteries with 360-min. reserve capacity and 1,850 CCA								able), front windshield, and windshield wiper (1 front)
A	A	A	A	A	A	A	Remote jump posts and battery disconnect	A	A	•	A	A	A	A	Cab with Dual Doors and A/C: Mechanical- suspension deluxe fabric swivel seat with
							Lights								lumbar adjustment / Headliner, dome light,
•							Halogen lights (4), 32,500 candlepower each (2 front and 2 rear)								left and right cab doors, tinted safety glass, windshield wipers (1 rear and 1 front),
	•	•	0		•	•	Halogen lights (10), 32,500 candlepower								front windshield washer, fresh-air intake, and heater/defroster/pressurizer (11.7-kW
							each (4 front driving/working, 4 rear working, and 2 side docking)								[40,000 Btu/h] heater) / A/C (7.6-kW [26,000 Btu/h] output and CFC-free
•	•		•	•	•		Turn signal/flashing (2 front and 2 rear)								R134a refrigerant
•	•	•	•	•	•	•	Rear stop and tail (2)	A	A	A	•	A	A	A	AM/FM/weather-band (WB) radio
A	A	A	A	A	A	A	LED light package								(with cab only)
		A	A		▲		Boom-light field kit (2 LED floods)	A	A	A	A	A		A	Premium radio package (with cab only;
MICH					39		Operator's Station						7812		includes additional 12-volt and USB outlets) Overall Vehicle
							Modular-design ROPS/FOPS (Level 2)				•		-	•	1-piece unitized construction mainframe
							canopy with molded roof (meets ISO 3449 and ISO 3471/SAE J1040): Isolation							•	Vehicle tie-downs (2 front and 2 rear)
							mounted							•	Remote grease bank for front axle
•	•	•	•	•	•	•	Molded floor mats (with pilot controls only)					- O			Front bumper cover
•	•	•	•	•	•	•	12-volt outlet	A	A	A	A		A		HD front bumper
•	•	•	•	•	•	•	Lockable right-side storage	_	7	7	_		7		Front counterweight – 204 kg (450 lb.),
A	A	A	A	A	A	A	Lockable left-hand storage with cup holders					1			272 kg (600 lb.), 340 kg (750 lb.), 454 kg (1,000 lb.), 567 kg (1,250 lb.), or 680 kg
A	A	A	A	A	A	A	Interior front-view mirror								(1,500 lb.)
A	A	A	A	A	A	A	Outside rearview mirrors	A	A	A					Rubber grille bumpers
•	•	•	•	•	•	•	Rotary-dial hand throttle		•	•	•	•	•		Fuel tank, 128.71 L (34 gal.), ground-level
•	•	•	•	•	•	•	Suspended foot throttle								fueling
•							Mechanical-suspension seat, vinyl cover							•	Fuel tank, 174.1 L (46 gal.), ground-level fueling
	•	•	•	•	•	•	Mechanical-suspension seat, cloth cover	•	•	•	•	•	•	•	2-position easy-tilt hood
A	A	A	A	A	A	A	Air-suspension heated seat (with cab only)	•	•	•	•	•	•	•	Extended grille frame
A	A	A	A	A	A	A	Air-suspension vinyl seat	A	•	•	•		•	•	Toolbox with padlock hasp
•	•						Key start switch with electric fuel shutoff	•	•	•	•	0	•	0	Vandal protection for locking monitor,
•	•	•	•	•	•	•	Tilt steering, infinitely adjustable (with cab only)		_	_		-			engine hood, toolbox, hydraulic reservoir, and fuel tank
A	A	A	A		A	A	Tilt steering, infinitely adjustable (with		•	•	•	•	•	•	Reverse warning alarm
						an leading	canopy and quarter cab)	•	•	•	•	•	•	•	Dent-resistant full-coverage rear fenders
		•	•	•	•	•	Keyless start	A	Backhoe boom-protection plate						
A	A	•	•	•	•	•	Machine security (enabled through	A	•	•	•	•	•	•	JDLink™ wireless communication system
•	•	•	•	•	•		monitor) Digital display of engine hours, engine	_							(available in specific countries; see your dealer for details)
							rpm, and system voltage	A	A	A	A	A	A		HD front grille screen
			•	•	•		Sealed-switch module (SSM)	A	HD stabilizer pads						

While general information, pictures, and descriptions are provided, some illustrations and text may include product options and accessories NOT AVAILABLE in all regions, and in some countries products and accessories may require modifications or additions to ensure compliance with the local regulations of those countries.

or additions to ensure compliance with the local regulations of those countries.

Net engine power is with standard equipment including air cleaner, exhaust system, alternator, and cooling fan at test conditions specified per ISO 9249. No derating is required up to 1500-mm (5,000 ft.) altitude for the 310L EP. Specifications and design are subject to change without notice. Wherever applicable, specifications are in accordance with ISO standards. Except where otherwise noted, these specifications are based on 310L EP and 310L units with 19.5L-24-in. 12PR (R4) tubeless rear and 12-16.5 12PR (F3) front tires, and 0.86-m³ (1.12 cu. yd.) loader buckets; a 310SL unit with 19.5L-24-in. 12PR (R4) tubeless rear and 12.5-80/18 10PR (R4) front tires, and 1.00-m³ (1.31 cu. yd.) loader bucket; a 310SL HL unit with lift mode, 19.5L-24-in. 12 PR (R4) tubeless rear and 12.5-80/18 12PR (R4) front tires, and 1.00-m³ (1.31 cu. yd.) loader bucket; a 315SL unit with 16.9L-28 R4 (12) tubeless rear and 12.5-80-18 10PR (R4) front tires, and 1.00-m³ (1.31 cu. yd.) loader bucket; a 410L unit with 21L-24-in. 12PR (R4) tubeless rear and 12.5/80-18 10PR (R4) front tires, and 1.15-m³ (1.5 cu. yd.) loader bucket; and 12L-48-in. 18PR (R4) tubeless rear and 15-19.5-in. 12PR (R4) front tires, and 1.24-m³ (1.62 cu. yd.) loader bucket.



Every day brings new challenges — demanding jobsites, long hours, and an increasing focus on uptime. Our job is to bring you the opportunities to overcome them. Our experienced engineers, specialized service techs, and global parts and service network are always ready to step up to help you **Run Your World.**

File Attachments for Item:

3. Resolution - A Resolution Of The City Council Approving A Task Order Between The City Of Laurel And KLJ Engineering Inc. To Authorize Service For The 2021 Pavement Maintenance Project.

RESOLUTION NO. R21-___

A RESOLUTION OF THE CITY COUNCIL APPROVING A TASK ORDER BETWEEN THE CITY OF LAUREL AND KLJ ENGINEERING INC. TO AUTHORIZE SERVICE FOR THE 2021 PAVEMENT MAINTENANCE PROJECT.

BE IT RESOLVED by the City Council of the City of Laurel, Montana:

11	Order between the Parties is attached hereto and is accepted and hereby approved by the City Council.
Section 2: Execution. The Mayor given authority to accept and execute the attache	and City Clerk/Treasurer of the City of Laurel are hereby d Task Order on behalf of the City.
Section 3: Effective date. The effect of this resolution.	ive date for the Task Order is upon adoption and approval
Introduced at a regular meeting of the 0	City Council on2021, by Council Member
PASSED and APPROVED by the C2021.	City Council of the City of Laurel thisth day of
APPROVED by the Mayor thisday of	2021.
	CITY OF LAUREL
ATTEST:	Thomas C. Nelson, Mayor
Bethany Langve, Clerk-Treasurer	
APPROVED AS TO FORM:	
Sam Painter, Civil City Attorney	

				Non-Strucutui	ral Overlay s	treets	Crack and C	hip Seal Streets											1	
Street	Length of Street (If)	Width of Street (If)	!Crack Seal (If)	*Crack Seal (\$1.00/lf)	# Patches (SY)	*Patch \$61.00/SY)	Chip Seal (SY)	*Chip Seal (\$2.15/SY)	Fog Seal (GAL)	*Fog Seal (\$3.40/gal)	Asphalt Mill (SY)	*Mill (\$2.20/SY)	Fabric (SY)	*Fabric (\$1.25/SF)	2" Overlay (TN)	*Overlay (\$83.50/Tn)	Adjust MH (EA)	Adjust Valve (EA)		er Street
Pennsylvania (E. Main St to E. 1st St)	400	50	2200	\$ 2,200.00	73.3	\$ 4,473.33	2222	\$ 4,777.78	289	\$ 982.22									\$	12,433.33
Colorado Ave. (E. Main St. to E. 1st St)	400	58	2200	\$ 2,200.00	85.1	\$ 5,189.07	2578	\$ 5,542.22	335	\$ 1,139.38									\$	14,070.67
10th Ave. (W. 9thSt to Cul de Sac)	640	36	3520	\$ 3,520.00	84.5	\$ 5,153.28	2560	\$ 5,504.00	333	\$ 1,131.52									\$	15,308.80
Casa Linda Circle (W. 9thST to End)	400	30	2200	\$ 2,200.00	44.0	\$ 2,684.00	1333	\$ 2,866.67	173	\$ 589.33									\$	8,340.00
6th Ave. (W. 11th St to W. 12thSt)	660	48	3630	\$ 3,630.00	116.2	\$ 7,085.76	3520	\$ 7,568.00	458	\$ 1,555.84									\$	19,839.60
6th Ave. (W. 4th ST to W. 5th St.)	400	48	2200	\$ 2,200.00	70.4	\$ 4,294.40	2133	\$ 4,586.67	277	\$ 942.93									\$	12,024.00
5th Ave. (W. 13th St to W. 14th St.)	700	48	3850	\$ 3,850.00	123.2	\$ 7,515.20	3733	\$ 8,026.67	485	\$ 1,650.13									\$	21,042.00
2nd Ave. (Mtn View to Laurmac)	422	48	2321	\$ 2,321.00	74.3	\$ 4,530.59	2251	\$ 4,838.93	293	\$ 994.79									\$	12,685.32
W. 6th St (2nd Ave. to 1st Ave.)	400	48	2200	\$ 2,200.00	70.4	\$ 4,294.40	2133	\$ 4,586.67	277	\$ 942.93									\$	12,024.00
W. 7th St (8th Ave. to 7th Ave.	400	48	2200	\$ 2,200.00	70.4	\$ 4,294.40	2133	\$ 4,586.67	277	\$ 942.93									\$	12,024.00
E. 8th st (Alder Ave. to Juniper Ave.)	2650	48	14575	\$ 14,575.00	466.4	\$ 28,450.40	14133	\$ 30,386.67	1837	\$ 6,246.93									\$	79,659.00
W 8th St (8th Ave. to 7th Ave)	400	48	2200	\$ 2,200.00	70.4	\$ 4,294.40	2133	\$ 4,586.67	277	\$ 942.93									\$	12,024.00
E. 11th St (1st Ave. to East End)	1000	33	5500	\$ 5,500.00	121.0	\$ 7,381.00	3667	\$ 7,883.33	477	\$ 1,620.67									\$	22,385.00
W 11th St (8th Ave. to 6th Ave)	750	38	4125	\$ 4,125.00	104.5	\$ 6,374.50	3167	\$ 6,808.33	412	\$ 1,399.67									\$	18,707.50
Laurmac Lane (4th Ave. to 2nd Ave.)	800	42	4400	\$ 4,400.00	123.2	\$ 7,515.20	3733	\$ 8,026.67	485	\$ 1,650.13									\$	21,592.00
Beartooth Circle (W. Beartooth Dr. to Cul de Sac)	125	44	687.5	\$ 687.50	20.2	\$ 1,230.17	611	\$ 1,313.89	79	\$ 270.11									\$	3,501.67
Nez Pierce Dr. (W. 13th st to Cul de Sac)	325	44	1787.5	\$ 1,787.50	52.4	\$ 3,198.43	1589		207	\$ 702.29									\$	9,104.33
Briar Circle (W. Beartooth Dr. to Cul de Sac)	160	44	880	\$ 880.00	25.8	\$ 1,574.61	782	\$ 1,681.78	102	\$ 345.74									\$	4,482.13
Penn Circle (Topeka Cr to Cul deSac)	215	36	1182.5	\$ 1,182.50	28.4	\$ 1,731.18	860	\$ 1,849.00	112	\$ 380.12									\$	5,142.80
Reading Circle (Topeka Cir to Cul deSac)	110	36	605	\$ 605.00	14.5	\$ 885.72	440	\$ 946.00	57	\$ 194.48									\$	2,631.20
Montana Ave. (E maryland to W. 12th St)	1300	42	7150	\$ 7,150.00	200.2	\$ 12,212.20	6067	\$ 13,043.33	789	\$ 2,681.47									\$	35,087.00
Lackawanna (E Maryland to Reading Cr)	740	36	4070	\$ 4,070.00	97.7	\$ 5,958.48	2960	\$ 6,364.00	385	\$ 1,308.32									\$	17,700.80
Eleanor Roosevelt Dr (Alder to Juniper)	2650	42	14575	\$ 14,575.00	408.1	\$ 24,894.10	12367	\$ 26,588.33	1608	\$ 5,466.07									\$	71,523.50

0 \$ -

0 \$ - 0 \$

88258.5 \$ 88,258.50 2544.505 \$ 155,214.83 77106.22 \$ 165,778.38 10023.809 \$ 34,080.95

MDT Urban Routes are not included

* Costs of Each Item, are per the 2020 Pavement Repairs Project Costs

! Length of Crack Seal assumes 5.5 ft of crack per 1 ft of street length (average from 2020 PMP)

totals

Patches assumes 0.033 SY of patch per SY of Street Area (average from 2020 PMP)

It would take 42 If of crack per foot of road to equal cost of mill and overlay

0 0 \$ 443,332.65 Contingency 10% \$ 44,333.27

Engineering \$ 80,000.00

Total Opinion of Cost \$ 567,665.92

This is a Task Order for KLJ Project No. 2004-00831, consisting of 3 pages, plus attachments.

Task Order: Laurel 2021 Pavement Maintenance

In accordance with Paragraph 1.01 of the Agreement Between Owner and Engineer for Professional Services – Task Order Edition, dated December 5, 2017 ("Agreement"), as amended by Amendment No. 1 dated October 13, 2020, Owner and Engineer agree as follows:

1. Background Data

A. Effective Date of Task Order: February 23, 2021

B. Owner: City of Laurel

C. Engineer: KLJ Engineering, Inc.

D. Specific Project (title): Laurel 2021 Pavement Maintenance

E. Specific Project (description): Miscellaneous annual pavement maintenance design, bidding and

construction in locations throughout the City of Laurel. Crack Seal and Chip Seal areas identified with a PASER rating of 7 in the 2019

City of Laurel Pavement Management Plan.

2. Services of Engineer

A. The specific services to be provided or furnished by Engineer under this Task Order are:

Set forth in Part 1—Basic Services of Exhibit A, "Engineer's Services for Task Order," modified for this specific Task Order, and attached to and incorporated as part of this Task Order.

B. Resident Project Representative (RPR) Services – Not Used

Although Engineer will not provide the services of a full-time RPR, it is anticipated that Engineer will visit the Site periodically throughout construction in accordance with Paragraph A1.04.A.9.

- C. Designing to a Construction Cost Limit Not Used
- D. Other Services <u>Not Used</u>
- E. All of the services included above comprise Basic Services for purposes of Engineer's compensation under this Task Order.

3. Additional Services

A. Additional Services that may be authorized or necessary under this Task Order are:

Set forth as Additional Services in Part 2—Additional Services, of Exhibit A, "Engineer's Services for Task Order," modified for this specific Task Order, and attached to and incorporated as part of this Task Order.

4. Owner's Responsibilities

- A. Owner shall have those responsibilities set forth in Article 2 of the Agreement and in Exhibit B, subject to the following:
 - Pay the cost of any review fees imposed by agencies having jurisdiction over the project.
 - Coordinate with Laurel Public Schools and other local stakeholders, if required, to evaluate access and traffic control considerations.

5. Task Order Schedule

A. Construction is anticipated during the April-August 2021 timeframe. Engineer will begin immediately, with the objective to advertise for bids in January 2021.

6. Payments to Engineer

A. Owner shall pay Engineer for services rendered under this Task Order as follows:

Description of Service	Amount	Basis of Compensation		
Basic Services*	\$ 80,000**	Hourly Rates		
Additional Services (Part 2 of Exhibit A)	(N/A)	Hourly Rates		

^{*}Based on an anticipated 4-week continuous construction period.

Compensation items and totals based in whole or in part on Hourly Rates or Direct Labor are estimates only. Lump sum amounts and estimated totals included in the breakdown by phases incorporate Engineer's labor, overhead, profit, reimbursable expenses (if any), and Consultants' charges, if any. For lump sum items, Engineer may alter the distribution of compensation between individual phases (line items) to be consistent with services actually rendered, but shall not exceed the total lump sum compensation amount unless approved in writing by the Owner.

B. The terms of payment are set forth in Article 4 of the Agreement and in the applicable governing provisions of Exhibit C.

7. Consultants retained as of the Effective Date of the Task Order: None

8. Other Modifications to Agreement and Exhibits: None

9. Attachments:

Page 2

^{**}Will not be exceeded without Owner's written approval.

- A. Exhibit A Engineer's Services for Task Order (12 pages)
- B. KLJ Estimated Standard Hourly Billing Rates Effective January 1, 2020

10. Other Documents Incorporated by Reference:

December 5, 2017 Agreement between Owner and Engineer for Professional Services, Task Order Edition, October 13, 2020 Amendment #1 to Agreement between Owner and Engineer for Professional Services.

11. Terms and Conditions

Execution of this Task Order by Owner and Engineer shall make it subject to the terms and conditions of the Agreement (as modified above), which Agreement is incorporated by this reference. Engineer is authorized to begin performance upon its receipt of a copy of this Task Order signed by Owner.

The Effectiv	e Date of this Task Order is		
OWNER: C	City of Laurel	ENGINEER: K	LJ Engineering, Inc
Ву:		Ву:	
Print Nam	e: Thomas C Nelson	Print Name:	Mark Anderson
Title: N	layor	Title:\	/ice-President
		•	ense or Firm's o. (if required): PEL-EF-LIC-37
		State of:	Montana
DESIGNAT	ED REPRESENTATIVE FOR TASK ORDER:	DESIGNATED I	REPRESENTATIVE FOR TASK ORDER:
Name: _	Kurt Markegard	Name:	Matt Smith
Title: _[Director of Public Works	Title:	Project Manager
Address:	PO Box 10 Laurel, MT 59044	Address:	PO Box 80303 Billings, MT 59108
· ·		5.4.11	
E-Mail	lune and Olevine lune to accomp	E-Mail	Mattaurith Oldiona agus
Address:	kmarkegard@laurel.mt.gov	Address:	Matt.smith@kljeng.com
Phone:	406-628-4796	Phone:	406-247-2905

This is **EXHIBIT A**, consisting of 12 pages, referred to in and part of Task Order for KLJ Project No. 1904-01874, dated February 23, 2021.

Engineer's Services for Task Order: Laurel 2021 Pavement Maintenance

PART 1—BASIC SERVICES

- A1.01 Study and Report Phase Services—Not Included
- A1.02 Design Phase
 - A. Project Management—tasks below apply to the entire Task Order.
 - 1. Organize and facilitate kick-off meetings (one each) with Owner and Engineer's project teams to confirm roles, responsibilities and expectations for completing the project.
 - 2. Provide project management services consisting of creating a work breakdown structure and detailed project schedule, creating and implementing a project management plan, facilitating weekly progress meetings and team coordination, reviewing time and expenses and generating monthly invoices, providing bi-weekly status updates to Owner, and provide oversight of the day-to-day Project activities.
 - 3. Visit the Site(s) and attend meetings as needed to coordinate with Owner or other stakeholders.
 - 4. Prior to beginning design phase services, verify the type, locations and extents of 2021 Pavement Maintenance projects with Owner. Conduct a walkthrough to determine the areas where a chip seal is inappropriate. Pavement maintenance is anticipated to include milling, structural overlays, crack seals and chip seals of various streets throughout Laurel.
 - Provide an initial opinion of probable construction costs to assist Owner with determining the scope and extent of 2021 Pavement Maintenance projects. Engineer will not proceed without Owner's acceptance of opinion of probable construction cost.
 - 6. Engineer's fee is based on completing the Preliminary and Final Design Phase services described below one time; multiple iterations will be provided as Additional Services.
 - 3. After verifying the locations and extents of 2021 Pavement Maintenance projects with Owner, as Basic Services, Engineer shall:
 - Prepare Design Phase documents consisting of final design criteria, drawings, specifications, and written descriptions of the Specific Project.
 - The extent of Engineer's design tasks that will be reflected in Drawings and Specifications, will include the following components:

- a. Plan Drawings Provide plan-view construction drawings necessary to depict the location and type of pavement maintenance to be completed by Contractor.
- Detail Drawings Provide detail drawings of supplemental design information required for construction.
- c. Traffic Control not included but will be required of Contractor in specifications.
- d. The project will be confined to existing street sections (curb to curb). The scope of work does not include design of repairing or replacing adjacent private property features. If required, Engineer would provide related work as Additional Services upon Owner's authorization.
- 3. Obtain and review Owner's instructions regarding Owner's procurement of construction services (including instructions regarding advertisements for bids, instructions to bidders, and requests for proposals, as applicable), Owner's construction contract practices and requirements, insurance and bonding requirements, electronic transmittals during construction, and other information necessary for the finalization of Owner's bidding-related documents (or requests for proposals or other construction procurement documents), and Construction Contract Documents. Also obtain and review copies of Owner's design and construction standards, Owner's standard forms, general conditions (if other than EJCDC® C-700), supplementary conditions, text, and related documents or content for Engineer to include in the draft bidding-related documents (or requests for proposals or other construction procurement documents), and in the draft Construction Contract Documents, when applicable.
- 4. Furnish two (2) review copies of the Design Phase documents, and any other deliverables to Owner, and review them with Owner.
- 5. After receiving Owner's written review comments, if any, prepare final Drawings and Specifications indicating the scope, extent, and character of the Work to be performed and furnished by Contractor.
- 6. Advise Owner of any recommended adjustments to the opinion of probable Construction Cost.
- In addition to preparing the final Drawings and Specifications, assemble drafts of other Construction Contract Documents based on specific instructions and contract forms, text, or content received from Owner.
- Prepare or assemble draft bidding-related documents (or requests for proposals or other construction procurement documents), based on the specific bidding or procurement-related instructions and forms, text, or content received from Owner.
- C. Engineer's services under the Design Phase will be considered complete on the date when Engineer has delivered to Owner the final Drawings and Specifications, other assembled Construction Contract Documents, bidding-related documents (or requests for proposals or other construction procurement documents), and any other Final Design Phase deliverables.

D. The number of prime contracts for Work designed or specified by Engineer upon which the Engineer's compensation has been established under this Task Order is one. If more prime contracts are awarded, Engineer shall be entitled to an equitable increase in its compensation under this Task Order.

A1.03 Bidding or Negotiating Phase

- A. As Basic Services, Engineer shall:
 - Assist Owner in advertising for and obtaining bids or proposals for the Work, assist Owner in issuing assembled design, contract, and bidding-related documents (or requests for proposals or other construction procurement documents) to prospective contractors, and, where applicable, maintain a record of prospective contractors to which documents have been issued, attend prebid conferences, if any, and receive and process contractor deposits or charges for the issued documents.
 - 2. Prepare and issue Addenda as appropriate to clarify, correct, or change the issued documents.
 - 3. Consult with Owner as to the qualifications of prospective contractors.
 - 4. If the issued documents require, the Engineer shall evaluate and determine the acceptability of "or equals" and substitute materials and equipment proposed by prospective contractors, provided that such proposals are allowed by the bidding-related documents (or requests for proposals or other construction procurement documents) prior to award of contracts for the Work. Services under this paragraph are subject to the provisions of Paragraph A2.01.B.2 of this Exhibit A.
 - Attend the bid opening, prepare bid tabulation sheets to meet Owner's schedule, evaluate bids and provide a recommendation of award (if applicable), and assist Owner in assembling final contracts for the Work for execution by Owner and Contractor and in issuing notices of award of such contracts.
 - If Owner engages in negotiations with bidders or proposers, assisting Owner with respect to technical and engineering issues that arise during the negotiations will be provided subject to the provisions of Paragraph A2.01.B.2 of this Exhibit A.
- 3. The Bidding or Negotiating Phase will be considered complete upon commencement of the Construction Phase or upon cessation of negotiations with prospective contractors.

A1.04 Construction Phase

- A. As Basic Services, Engineer shall:
 - 1. General Administration of Construction Contract: Consult with Owner and act as Owner's representative as provided in the Construction Contract. The extent and limitations of the duties, responsibilities, and authority of Engineer shall be as assigned in EJCDC® C-700, Standard General Conditions of the Construction Contract (the Edition of which is to coincide with the current Montana Public Works Standard Specifications in effect at the time of a specific Task Order), prepared by the Engineers Joint Contract Documents Committee, or other construction general

conditions specified in the Agreement. If Owner, or Owner and Contractor, modify the duties, responsibilities, and authority of Engineer in the Construction Contract, or modify other terms of the Construction Contract having a direct bearing on Engineer, then Owner shall compensate Engineer for any related increases in the cost to provide Construction Phase services. Engineer shall not be required to furnish or perform services contrary to Engineer's responsibilities as a licensed professional. All of Owner's instructions to Contractor will be issued through Engineer, which shall have authority to act on behalf of Owner in dealings with Contractor to the extent provided in this Agreement and the Construction Contract except as otherwise provided in writing.

- 2. Resident Project Representative (RPR): Not included
- 3. Selection of Independent Testing Laboratory: Assist Owner in the selection of an independent testing laboratory, if required.
- 4. *Pre-Construction Conference:* Participate in a pre-construction conference prior to commencement of Work at the Site.
- 5. Electronic Transmittal Protocols: If the Construction Contract Documents do not specify protocols for the transmittal of Project-related correspondence, documents, text, data, drawings, information, and graphics, in electronic media or digital format, either directly, or through access to a secure Project website, then together with Owner and Contractor jointly develop such protocols for transmittals between and among Owner, Contractor, and Engineer during the Construction Phase and Post-Construction Phase.
- 6. Original Documents: If requested by Owner to do so, maintain and safeguard during the Construction Phase at least one original printed record version of the Construction Contract Documents, including Drawings and Specifications signed and sealed by Engineer and other design professionals in accordance with applicable Laws and Regulations. Throughout the Construction Phase, make such original printed record version of the Construction Contract Documents available to Contractor and Owner for review.
- Schedules: Receive, review, and determine the acceptability of any and all schedules that Contractor is required to submit to Engineer, including the Progress Schedule, Schedule of Submittals, and Schedule of Values.
- Baselines and Benchmarks: As appropriate, establish baselines and benchmarks for locating the Work which in Engineer's judgment are necessary to enable Contractor to proceed. (Construction staking not included.)
- 9. Visits to Site and Observation of Construction: In connection with observations of Contractor's Work while it is in progress:
 - Make visits to the Site at intervals appropriate to the various stages of construction, as Engineer deems necessary, to observe as an experienced and qualified design professional the progress of Contractor's executed Work. Engineer's fee is based on full-time site observation during chip sealing operations, and up to twenty 20 additional site visits per week during construction. Such visits and observations by Engineer, and the Resident Project

Representative, if any, are not intended to be exhaustive or to extend to every aspect of the Work or to involve detailed inspections of the Work beyond the responsibilities specifically assigned to Engineer in the Agreement, this Task Order, and the Construction Contract Documents, but rather are to be limited to spot checking, selective sampling, and similar methods of general observation of the Work based on Engineer's exercise of professional judgment, as assisted by the Resident Project Representative, if any. Based on information obtained during such visits and observations, Engineer will determine in general if the Work is proceeding in accordance with the Construction Contract Documents, and Engineer shall keep Owner informed of the progress of the Work.

- The purpose of Engineer's visits to the Site, and representation by the Resident Project Representative, if any, at the Site, will be to enable Engineer to better carry out the duties and responsibilities assigned to and undertaken by Engineer during the Construction Phase, and, in addition, by the exercise of Engineer's efforts as an experienced and qualified design professional, to provide for Owner a greater degree of confidence that the completed Work will conform in general to the Construction Contract Documents and that Contractor has implemented and maintained the integrity of the design concept of the completed Project as a functioning whole as indicated in the Construction Contract Documents. Engineer shall not, during such visits or as a result of such observations of the Work, supervise, direct, or have control over the Work, nor shall Engineer have authority over or responsibility for the means, methods, techniques, sequences, or procedures of construction selected or used by any Constructor, for security or safety at the Site, for safety precautions and programs incident to any Constructor's work in progress, for the coordination of the Constructors' work or schedules, nor for any failure of any Constructor to comply with Laws and Regulations applicable to furnishing and performing of its work. Accordingly, Engineer neither guarantees the performance of any Constructor nor assumes responsibility for any Constructor's failure to furnish or perform the Work, or any portion of the Work, in accordance with the Construction Contract Documents.
- 10. Defective Work: Reject Work if, on the basis of Engineer's observations, Engineer believes that such Work is defective under the terms and standards set forth in the Construction Contract Documents. Provide recommendations to Owner regarding whether Contractor should correct such Work or remove and replace such Work, or whether Owner should consider accepting such Work as provided in the Construction Contract Documents.
- 11. Compatibility with Design Concept: If Engineer has express knowledge that a specific part of the Work that is not defective under the terms and standards set forth in the Construction Contract Documents is nonetheless not compatible with the design concept of the completed Project as a functioning whole, then inform Owner of such incompatibility, and provide recommendations for addressing such Work.
- 12. Clarifications and Interpretations: Accept from Contractor and Owner submittal of all matters in question concerning the requirements of the Construction Contract Documents (sometimes referred to as requests for information or interpretation—RFIs), or relating to the acceptability of the Work under the Construction Contract Documents. With reasonable promptness, render a written clarification, interpretation, or decision on the issue submitted, or initiate an amendment or supplement to the Construction Contract Documents.

- 13. *Field Orders:* Subject to any limitations in the Construction Contract Documents, Engineer may prepare and issue Field Orders requiring minor changes in the Work.
- Change Orders and Work Change Directives: Recommend Change Orders and Work Change
 Directives to Owner, as appropriate, and prepare Change Orders and Work Change Directives as
 required.
- 15. Differing Site Conditions: Respond to any notice from Contractor of differing site conditions, including conditions relating to underground facilities such as utilities, and hazardous environmental conditions. Promptly conduct reviews, obtain information, and prepare findings, conclusions, and recommendations for Owner's use, subject to the limitations and responsibilities under the Agreement and the Construction Contract.
- 16. Non-reviewable matters: If a submitted matter in question concerns the Engineer's performance of its duties and obligations, or terms and conditions of the Construction Contract Documents that do not involve (1) the performance or acceptability of the Work under the Construction Contract Documents, (2) the design (as set forth in the Drawings, Specifications, or otherwise), or (3) other engineering or technical matters, then Engineer will promptly give written notice to Owner and Contractor that Engineer will not provide a decision or interpretation.
- 17. Shop Drawings, Samples, and Other Submittals: Review and approve or take other appropriate action with respect to Shop Drawings, Samples, and other required Contractor submittals, but only for conformance with the information given in the Construction Contract Documents and compatibility with the design concept of the completed Project as a functioning whole as indicated by the Construction Contract Documents. Such reviews and approvals or other action will not extend to means, methods, techniques, sequences, or procedures of construction or to safety precautions and programs incident thereto. Engineer shall meet any Contractor's submittal schedule that Engineer has accepted.
- 18. Substitutes and "or-equal": Evaluate and determine the acceptability of substitute or "or-equal" materials and equipment proposed by Contractor, but subject to the provisions of Paragraph A2.01.B.2 of this Exhibit A.

19. *Inspections and Tests:*

- a. Receive and review all certificates of inspections, tests, and approvals required by Laws and Regulations or the Construction Contract Documents. Engineer's review of such certificates will be for the purpose of determining that the results certified indicate compliance with the Construction Contract Documents and will not constitute an independent evaluation that the content or procedures of such inspections, tests, or approvals comply with the requirements of the Construction Contract Documents. Engineer shall be entitled to rely on the results of such inspections and tests.
- b. As deemed reasonably necessary, request that Contractor uncover Work that is to be inspected, tested, or approved.

- c. Pursuant to the terms of the Construction Contract, require additional inspections or testing of the Work, whether or not the Work is fabricated, installed, or completed.
- 20. Change Proposals and Claims: (a) Review and respond to Change Proposals. Review each duly submitted Change Proposal from Contractor and, within 30 days after receipt of the Contractor's supporting data, either deny the Change Proposal in whole, approve it in whole, or deny it in part and approve it in part. Such actions shall be in writing, with a copy provided to Owner and Contractor. If the Change Proposal does not involve the design (as set forth in the Drawings, Specifications, or otherwise), the acceptability of the Work, or other engineering or technical matters, then Engineer will notify the parties that the Engineer will not resolve the Change Proposal. (b) Provide information or data to Owner regarding engineering or technical matters pertaining to Claims.
- 21. Applications for Payment: Based on Engineer's observations as an experienced and qualified design professional and on review of Applications for Payment and accompanying supporting documentation:
 - a. Determine the amounts that Engineer recommends Contractor be paid. Recommend reductions in payment (set-offs) based on the provisions for set-offs stated in the Construction Contract. Such recommendations of payment will be in writing and will constitute Engineer's representation to Owner, based on such observations and review, that, to the best of Engineer's knowledge, information and belief, Contractor's Work has progressed to the point indicated, the Work is generally in accordance with the Construction Contract Documents (subject to an evaluation of the Work as a functioning whole prior to or upon Substantial Completion, to the results of any subsequent tests called for in the Construction Contract Documents, and to any other qualifications stated in the recommendation), and the conditions precedent to Contractor's being entitled to such payment appear to have been fulfilled in so far as it is Engineer's responsibility to observe the Work. In the case of unit price work, Engineer's recommendations of payment will include final determinations of quantities and classifications of the Work (subject to any subsequent adjustments allowed by the Construction Contract Documents).
 - observations made by Engineer to check the quality or quantity of Contractor's Work as it is performed and furnished have been exhaustive, extended to every aspect of Contractor's Work in progress, or involved detailed inspections of the Work beyond the responsibilities specifically assigned to Engineer in the Agreement or this Task Order. Neither Engineer's review of Contractor's Work for the purposes of recommending payments nor Engineer's recommendation of any payment including final payment will impose on Engineer responsibility to supervise, direct, or control the Work, or for the means, methods, techniques, sequences, or procedures of construction or safety precautions or programs incident thereto, or Contractor's compliance with Laws and Regulations applicable to Contractor's furnishing and performing the Work. It will also not impose responsibility on Engineer to make any examination to ascertain how or for what purposes Contractor has used the money paid to Contractor by Owner; to determine that title to any portion of the Work, including materials or equipment, has passed to Owner free and clear of any liens,

claims, security interests, or encumbrances; or that there may not be other matters at issue between Owner and Contractor that might affect the amount that should be paid.

- 22. Contractor's Completion Documents: Receive from Contractor, review, and transmit to Owner maintenance and operating instructions, schedules, guarantees, bonds, certificates or other evidence of insurance required by the Construction Contract Documents, certificates of inspection, tests and approvals, and Shop Drawings, Samples, and other data approved as provided under Paragraph A1.04. Receive from Contractor, review, and transmit to Owner the annotated record documents which are to be assembled by Contractor in accordance with the Construction Contract Documents to obtain final payment. The extent of Engineer's review of record documents shall be to check that Contractor has submitted all pages.
- 23. Substantial Completion: Promptly after notice from Contractor that Contractor considers the entire Work ready for its intended use, in company with Owner and Contractor, visit the Site to review the Work and determine the status of completion. Follow the procedures in the Construction Contract regarding the preliminary certificate of Substantial Completion, punch list of items to be completed, Owner's objections, notice to Contractor, and issuance of a final certificate of Substantial Completion. Assist Owner regarding any remaining engineering or technical matters affecting Owner's use or occupancy of the Work following Substantial Completion.
- 24. Final Notice of Acceptability of the Work: Conduct a final visit to the specific Project to determine if the Work is complete and acceptable so that Engineer may recommend, in writing, final payment to Contractor. Accompanying the recommendation for final payment, Engineer shall also provide a notice to Owner and Contractor in the form attached hereto as Exhibit E ("Notice of Acceptability of Work") (also available as a construction form, EJCDC® C-626 (2013)) that the Work is acceptable (subject to the provisions of the Notice and Paragraph A1.04) to the best of Engineer's knowledge, information, and belief, and based on the extent of the services provided by Engineer under the Agreement and this Task Order.
- 25. Standards for Certain Construction-Phase Decisions: Engineer will render decisions regarding the requirements of the Construction Contract Documents, and judge the acceptability of the Work, pursuant to the specific procedures set forth in the Construction Contract for initial interpretations, Change Proposals, and acceptance of the Work. In rendering such decisions and judgments, Engineer will not show partiality to Owner or Contractor, and will not be liable to Owner, Contractor, or others in connection with any proceedings, interpretations, decisions, or judgments conducted or rendered in good faith.
- B. Duration of Construction Phase: The Construction Phase will commence with the execution of the first Construction Contract for the specific Project or any part thereof and will terminate upon written recommendation by Engineer for final payment to Contractors. If the specific Project involves more than one prime contract as indicated in Paragraph A1.02, then Construction Phase services may be rendered at different times in respect to the separate contracts. Subject to the provisions of Article 3, Engineer shall be entitled to an equitable increase in compensation if Construction Phase services (including Resident Project Representative services, if any) are required after the original date for completion and readiness for final payment of Contractor as set forth in the final Construction Contract under the Task Order.

A1.05 Post-Construction Phase

- A. Upon written authorization from Owner during the Post-Construction Phase, as Basic Services, Engineer shall:
 - Together with Owner, visit the Project to observe any apparent defects in the Work, make recommendations as to replacement or correction of defective Work, if any, or the need to repair of any damage to the Site or adjacent areas, and assist Owner in consultations and discussions with Contractor concerning correction of any such defective Work and any needed repairs.
 - Together with Owner, visit the Project within one month before the end of the Construction Contract's correction period to ascertain whether any portion of the Work or the repair of any damage to the Site or adjacent areas is defective and therefore subject to correction by Contractor.
- B. The Post-Construction Phase services may commence during the Construction Phase and, if not otherwise modified in this Exhibit A, will terminate twelve months after the commencement of the Construction Contract's correction period.
- A1.06 Commissioning Phase—Not Included
- A1.07 Other Services—Not Included

PART 2—ADDITIONAL SERVICES

- A2.01 Additional Services Requiring an Amendment to Task Order
 - A. Advance Written Authorization Required: During performance under a Task Order, Owner may authorize Engineer in writing to furnish or obtain from others Additional Services of the types listed below. Unless expressly indicated above or in the specific Task Order to be included Basic Services, the following services are not included as part of Basic Services and will be paid for by Owner as Additional Services, using the basis of compensation for Additional Services, as indicated in the specific Task Order.
 - This Task Order contains specific information regarding tasks, number of iterations, and deliverables to be provided by Engineer. In addition to those specifically identified herein, the following list, which is not intended to be exclusive, summarizes other exclusions.
 - a. Permitting
 - b. Surveying: Boundary surveys or establishing survey monuments, including right-of-way and parcel ownership research and mapping; design surveys; construction staking
 - c. Traffic analyses
 - d. Public or private utility analyses, modeling or design
 - e. Hydrologic and Hydraulic analyses required for detailed analysis of inlet capacity, evaluating potential overflow routes or flooding, or other tasks required to determine storm drain sizes
 - f. Structural design
 - g. Landscape or irrigation design
 - h. Right-of-way or permanent easement acquisition services
 - i. 3-D or artistic renderings

Exhibit A – Engineer's Services – Laurel 2021 Pavement Maintenance

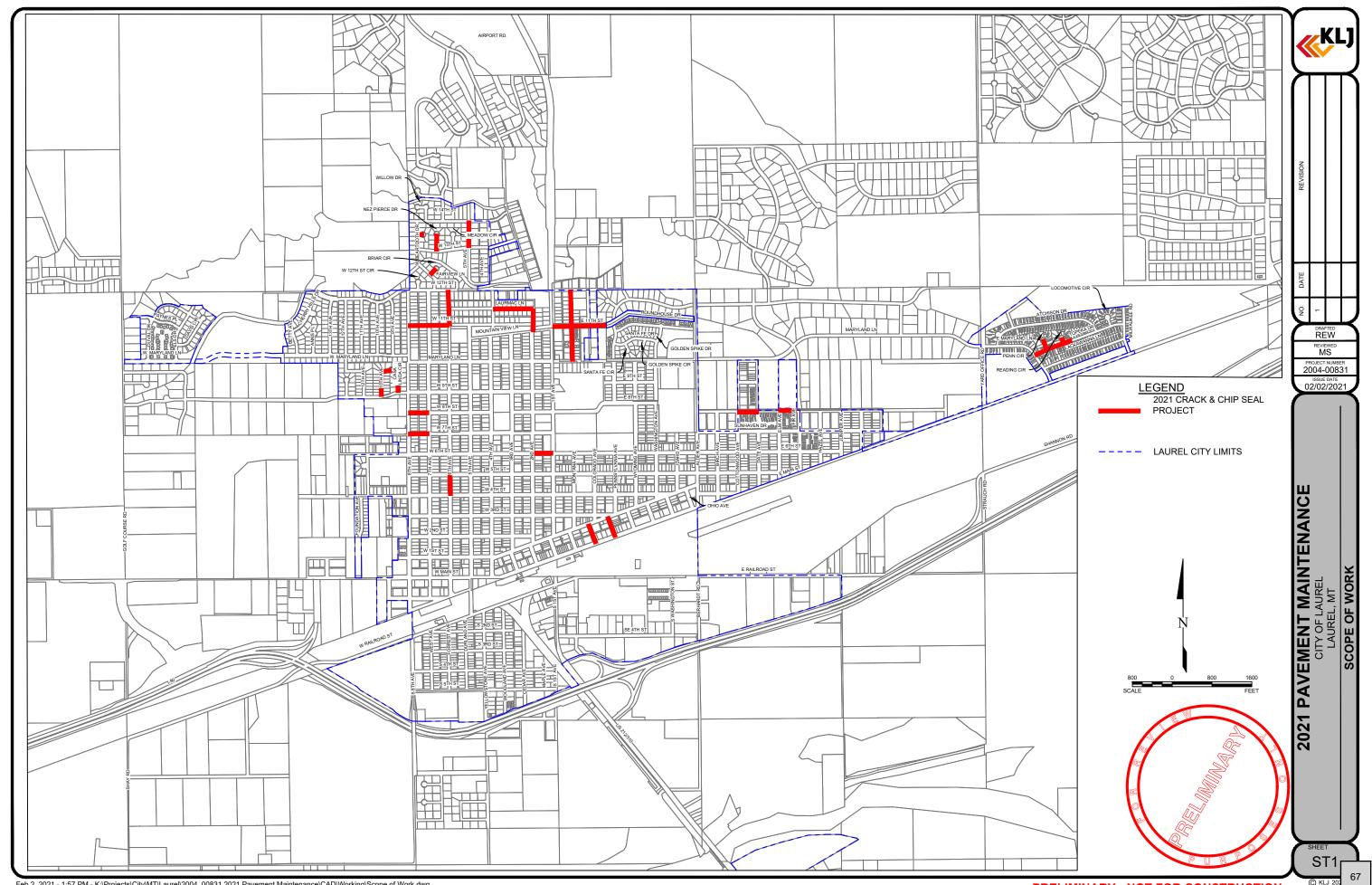
EJCDC® E-505, Agreement Between Owner and Engineer for Professional Services – Task Order Edition.

Copyright © 2014 National Society of Professional Engineers, American Council of Engineering Companies, and American Society of Civil Engineers. All rights reserved.

- 2. Preparation of applications and supporting documents (in addition to those furnished under Basic Services) for private or governmental grants, loans, or advances in connection with the Specific Project; preparation or review of environmental assessments and impact statements; review and evaluation of the effects on the design requirements for the Specific Project of any such statements and documents prepared by others; and assistance in obtaining approvals of authorities having jurisdiction over the anticipated environmental impact of the Specific Project.
- Services to make measured drawings of existing conditions or facilities, to conduct tests or investigations of existing conditions or facilities, or to verify the accuracy of drawings or other information furnished by Owner or others.
- 4. Services resulting from significant changes in the scope, extent, or character of the portions of the Specific Project designed or specified by Engineer, or the Specific Project's design requirements, including, but not limited to, changes in size, complexity, Owner's schedule, character of construction, or method of financing; and revising previously accepted studies, reports, Drawings, Specifications, or Construction Contract Documents when such revisions are required by changes in Laws and Regulations enacted subsequent to the Effective Date of the Task Order, requested by Owner, or are due to any other causes beyond Engineer's control.
- 5. Services required as a result of Owner's providing incomplete or incorrect Specific Project information to Engineer.
- 6. Providing data or services of the types described in Exhibit B, when Owner retains Engineer to provide such data or services instead of Owner furnishing the same.
- 7. Preparing for, coordinating with, participating in and responding to structured independent review processes, including, but not limited to, construction management, cost estimating, project peer review, value engineering, and constructibility review requested by Owner; and performing or furnishing services required to revise studies, reports, Drawings, Specifications, or other documents as a result of such review processes.
- 8. Preparing additional bidding-related documents (or requests for proposals or other construction procurement documents) or Construction Contract Documents for alternate bids or cost estimates requested by Owner for the Work or a portion thereof.
- 9. Assistance in connection with bid protests, rebidding, or renegotiating contracts for construction, materials, equipment, or services.
- 10. Preparing conformed Construction Contract Documents that incorporate and integrate the content of all Addenda and any amendments negotiated by Owner and Contractor.
- 11. Providing Construction Phase services beyond the original date for completion and readiness for final payment of Contractor, but only if such services increase the total quantity of services to be performed in the Construction Phase, rather than merely shifting performance of such services to a later date.

- 12. Conducting surveys, investigations, and field measurements to verify the accuracy of Record Drawing content obtained from Contractor, Owner, utility companies, and other sources; revise and supplement Record Drawings as needed.
- 13. Preparing to serve or serving as a consultant or witness for Owner in any litigation, arbitration, mediation, lien or bond claim, or other legal or administrative proceeding involving the Project.
- 14. Providing construction surveys and staking to enable Contractor to perform its work, and any type of property surveys or related engineering services needed for the transfer of interests in real property; and providing other special field surveys.
- 15. Excessive services during any correction period, or with respect to guarantees called for in the Construction Contract (except as agreed to under Basic Services).
- 16. Provide assistance in responding to the presence of any Constituent of Concern at any Site, in compliance with current Laws and Regulations.
- 17. Other additional services performed or furnished by Engineer not otherwise provided for in this Agreement.
- B. Advance Written Authorization Not Required: Engineer shall advise Owner in advance that Engineer will immediately commence to perform or furnish the Additional Services of the types listed below. For such Additional Services, Engineer need not request or obtain specific advance written authorization from Owner. Engineer shall cease performing or furnishing such Additional Services upon receipt of written notice from Owner. Unless expressly indicated above or in the specific Task Order to be included Basic Services, the following services are not included as part of Basic Services and will be paid for by Owner as Additional Services, using the basis of compensation for Additional Services, as indicated in the specific Task Order.
 - 1. Services in connection with Work Change Directives and Change Orders to reflect changes requested by Owner.
 - 2. Services in making revisions to Drawings and Specifications occasioned by the acceptance of substitute materials or equipment other than "or equal" items; services after the award of the Construction Contract in evaluating and determining the acceptability of a proposed "or equal" or substitution which is found to be inappropriate for the Project; evaluation and determination of an excessive number of proposed "or equals" or substitutions, whether proposed before or after award of the Construction Contract.
 - 3. Additional or extended services arising from (a) the presence at the Site of any Constituent of Concern or items of historical or cultural significance, (b) emergencies or acts of God endangering the Work, (c) damage to the Work by fire or other causes during construction, (d) a significant amount of defective, neglected, or delayed Work, (e) acceleration of the progress schedule involving services beyond normal working hours, or (f) default by Contractor.
 - 4. Services (other than Basic Services during the Post-Construction Phase) in connection with any partial utilization of the Work by Owner prior to Substantial Completion.

- 5. Evaluating unreasonable or frivolous requests for interpretation or information (RFIs), Change Proposals, or other demands from Contractor or others in connection with the Work, or an excessive number of RFIs, Change Proposals, or demands.
- 6. Reviewing a Shop Drawing or other Contractor submittal more than three times, as a result of repeated inadequate submissions by Contractor.
- 7. While at the Site, compliance by Engineer and its staff with those terms of Owner's or Contractor's safety program provided to Engineer subsequent to the Effective Date that exceed those normally required of engineering personnel by federal, State, or local safety authorities for similar construction sites.



File Attachments for Item:

4. Resolution - A Resolution Of The City Council Approving A Task Order For KLJ Engineering Inc. To Authorize Them To Prepare An Updated Water System Preliminary Engineering Report (PER) For The City Of Laurel.

RESOLUTION NO. R21-___

A RESOLUTION OF THE CITY COUNCIL APPROVING A TASK ORDER FOR KLJ ENGINEERING INC. TO AUTHORIZE THEM TO PREPARE AN UPDATED WATER SYSTEM PRELIMINARY ENGINEERING REPORT (PER) FOR THE CITY OF LAUREL.

BE IT RESOLVED by the City Council of the City of Laurel, Montana:

**	Order between the Parties is attached hereto and accepted and hereby approved by the City Council.
Section 2: Execution. The Mayor argiven authority to accept and execute the attached	nd City Clerk/Treasurer of the City of Laurel are hereby Γask Order on behalf of the City.
Section 3: Effective date. The effective of this resolution.	e date for the Task Order is upon adoption and approval
Introduced at a regular meeting of the Cit	y Council on2021, by Council Member
PASSED and APPROVED by the City2021.	Council of the City of Laurel thisth day of
APPROVED by the Mayor thisday of	2021.
	CITY OF LAUREL
ATTEST:	Thomas C. Nelson, Mayor
Bethany Langve, Clerk-Treasurer	
APPROVED AS TO FORM:	
Sam Painter, Civil City Attorney	

This is a Task Order for KLJ Project No. 2004-01470 consisting of 3 pages, plus attachments.

Task Order: Water System PER

In accordance with Paragraph 1.01 of the Agreement Between Owner and Engineer for Professional Services – Task Order Edition, dated <u>December 5, 2017</u> ("Agreement"), as amended by Amendment No. 1 dated October 13, 2020, Owner and Engineer agree as follows:

1. Background Data

A. Effective Date of Task Order: February 9, 2021

B. Owner: City of Laurel

C. Engineer: KLJ Engineering, Inc

D. Specific Project (title): Water System Preliminary Engineering Report (PER)

E. Specific Project (description): Prepare an updated Water System PER from the prior PER dated

April 2014

2. Services of Engineer

A. The specific services to be provided or furnished by Engineer under this Task Order are:

Set forth in Part 1—Basic Services of Exhibit A, "Engineer's Services for Task Order," modified for this specific Task Order, and attached to and incorporated as part of this Task Order.

- B. Resident Project Representative (RPR) Services Not Used
- C. Designing to a Construction Cost Limit Not Used
- D. Other Services Not Used
- E. All of the services included above comprise Basic Services for purposes of Engineer's compensation under this Task Order.

3. Additional Services

A. Additional Services that may be authorized or necessary under this Task Order are:

Set forth as Additional Services in Part 2—Additional Services, of Exhibit A, "Engineer's Services for Task Order," modified for this specific Task Order, and attached to and incorporated as part of this Task Order.

4. Owner's Responsibilities

- A. Owner shall have those responsibilities set forth in Article 2 of the Agreement and in Exhibit B, subject to the following:
 - Provide Engineer with access to the facilities, as needed, to complete the project.
 - Provide requested information, including City financial records as applicable, water metering records and any other information specified as Owner's responsibility in Engineer's Scope of Work.
 - Review preliminary reports and plans provided by Engineer.

5. Task Order Schedule

- A. In addition to any schedule provisions provided in Exhibit A or elsewhere, the parties shall meet the following schedule:
 - Basic Services are anticipated to be complete by January 1, 2022

6. Payments to Engineer

A. Owner shall pay Engineer for services rendered under this Task Order as follows:

Description of Service	Amount	Basis of Compensation
1. Basic Services (Part 1 of Exhibit A)		
a. Study and Report Phase (A1.01)	\$ 54,000	Lump Sum
TOTAL COMPENSATION (lines 1.a-e)	\$ 54,000	
2. Additional Services (Part 2 of Exhibit A)	(N/A)	Direct Labor

Compensation items and totals based in whole or in part on Hourly Rates or Direct Labor are estimates only. Lump sum amounts and estimated totals included in the breakdown by phases incorporate Engineer's labor, overhead, profit, reimbursable expenses (if any), and Consultants' charges, if any. For lump sum items, Engineer may alter the distribution of compensation between individual phases (line items) to be consistent with services actually rendered, but shall not exceed the total lump sum compensation amount unless approved in writing by the Owner.

- B. The terms of payment are set forth in Article 4 of the Agreement and in the applicable governing provisions of Exhibit C.
- 7. Consultants retained as of the Effective Date of the Task Order: None
- 8. Other Modifications to Agreement and Exhibits: None
- 9. Attachments:

10. Other Documents Incorporated by Reference:

December 5, 2017 Agreement between Owner and Engineer for Professional Services, Task Order Edition October 13, 2020 Amendment to Engineer-Owner Agreement, Amendment No. 1.

11. Terms and Conditions

Execution of this Task Order by Owner and Engineer shall make it subject to the terms and conditions of the Agreement (as modified above), which Agreement is incorporated by this reference. Engineer is authorized to begin performance upon its receipt of a copy of this Task Order signed by Owner.

The Effective Date of this Task Order is February 9, 2021 **OWNER: City of Laurel** ENGINEER: KLJ Engineering, Inc. By: By: Print Name: Thomas C. Nelson Print Name: Mark Anderson Title: Mayor Title: Vice- President Engineer License or Firm's Certificate No. (if required): PEL-EF-LIC-37 State of: Montana DESIGNATED REPRESENTATIVE FOR TASK ORDER: DESIGNATED REPRESENTATIVE FOR TASK ORDER: Name: Kurt Markegard Name: Matt Smith Title: Director of Public Works Title: Project Manager PO Box 10 PO Box 80303 Address: Laurel, MT 59044 Address: Billings, MT 59108 E-Mail E-Mail Address: kmarkegard@laurel.mt.gov Address: matt.smith@kljeng.com Phone: 406-628-4796 Phone: 406-245-5499

	Exhibit A – Engine	er's Services – Water S	System PER		
EJCDC® E-505, Agr	reement Between Owner	and Engineer for Profe	ssional Services – Task	Order Edition.	
Copyright © 2014 Na	ational Society of Professi	onal Engineers, Ameri	can Council of Enginee	ring Companies,	
5	and American Society			- · ·	

Page 1 of 10

Engineer's Services- Water System PER

Article 1 of the Agreement is supplemented to include the following agreement of the parties.

Engineer shall provide Basic and Additional Services as set forth below.

PART 1 – BASIC SERVICES

A1.01 Study and Report Phase

A. Owner shall:

- Provide the following information:
 - a. List of improvements completed on water system since 2014
 - b. Financial records for the water enterprise fund from 2017 2020
 - c. One full year of water meter records for water supply, treatment and services
- Consult with landowners related to easement and site acquisitions needed for proposed water tanks, booster stations, water main transmission lines or any other improvements.

B. Engineer shall:

- Kickoff Meetings Facilitate one kickoff meeting with City staff to clarify any questions regarding the scope of the project prior to commencing with work.
- 2. Consult with Owner Consult with City staff to obtain information regarding projects completed since the 2014 PER and gain information regarding any new issues that have developed in the system.
- 3. Fire Flow Tests With City's assistance, conduct fire flow tests at up to six (6) locations to collect information needed to calibrate the water model.
- 4. Water Model Update existing computer model of the water distribution system previously created with the 2014 PER. Update will include adding new pipe data from projects completed since 2014 and adjusting the model to calibrate to hydrant flow test results.
- 5. Booster Station Analysis Update booster station scenarios investigated in 2014 PER with new information regarding the potential for a school to be constructed in the north part of town using the adjusted computer model.
- 6. Water Tank Analysis Model up to three water tank sites for a new water pressure zone in the north part of town proposed in the 2014 PER. Site locations will be based on input from City staff related to feasibility of easement and site acquisitions as well as system hydraulics.
- 7. Alternative Analysis Analyze the cost and benefits of various alternatives to address water tank and booster station alternatives identified in the 2014 PER with any system modifications since 2014 and new information regarding the availability of various tank

- sites. Alternatives considered will also include various types of tanks and supporting improvements to the distribution system. To be consistent with State funding program requirements, needs for the project will not be based on planned growth, however alternatives evaluated will take into consideration areas of new growth such as the new school planned in the northwest areas of the City.
- 8. Funding Analysis Review various funding opportunities and grant programs to develop recommendation to fund proposed improvements.
- 9. Environmental Review Prepare and submit letter to various State and Federal agencies listed in Uniform Application Guidelines to seek review comments related to any environmental concerns; Identify environmental resources from data bases available through public domain, including the State Historical Preservation Office, Montana Natural Heritage Program and National Wetlands Inventory; Present any environmental considerations with recommended alternatives at public hears related to PER; Complete environmental questionnaire for recommended alternatives.
- 10. PER Update Prepare an update PER, using all applicable information from the 2014 PER. Updated PER will be prepared in accordance with provisions of the Montana Department of Commerce Uniform Application Guidelines as required for application for State administered grant programs.
- 11. City Staff Coordination Meet with City staff up to 3 times over the course of the project to discuss potential solutions. Submit 3 copies of PER to City staff for review and modify one time based on City staff comments.
- 12. Public Input Present PER with recommendations at one City Council Meeting and if appropriate, modify PER one time per direction from City Council.
- 13. PER Final Submittal Submit 3 copies of final PER to City.
- C. Engineer's services under the Study and Report Phase will be considered complete on the date when the revised PER has been submitted to the City.
- A1.02 Preliminary Design Phase Not Included
- A1.03 Final Design Phase Not Included
- A1.04 Bidding or Negotiating Phase Not Included
- A1.05 Construction Phase Not Included
- A1.06 Post-Construction Phase Not Included

PART 2 – ADDITIONAL SERVICES

- A2.01 Additional Services Requiring Owner's Written Authorization
 - A. If authorized in writing by Owner, Engineer shall provide Additional Services of the types listed below. These services are not included as part of Basic Services and will be paid for by Owner as indicated in Exhibit C.
 - 1. Preparation of grant applications.
 - 2. Conducting environmental surveys or conducting studies other than that referenced as Basic Services.

- 3. Any surveying or as-built measurement of existing facilities other than that specified as Basic Services.
- 4. Services resulting from significant changes in the scope, extent, or character of the Project.
- 5. Services resulting from Owner's request to evaluate additional Study and Report Phase alternative solutions beyond those specified as Basic Services.
- 6. Services required as a result of Owner's providing incomplete or incorrect Project information to Engineer.
- 7. Furnishing services of Consultants for other than Basic Services.
- 8. Preparing to serve or serving as a consultant or witness for Owner in any litigation, arbitration, lien or bond claim, or other legal or administrative proceeding involving the Project.
- 9. Surveying or mapping of utilities
- 10. Geotechnical exploration or evaluation
- 11. Other additional services performed or furnished by Engineer not otherwise provided for in this Agreement.

A2.02 Additional Services Not Requiring Owner's Written Authorization

- A. For Additional Services listed below, Engineer need not request or obtain specific advance written authorization from Owner. Engineer shall cease performing or furnishing such Additional Services upon receipt of written notice to cease from Owner.
 - 1. Preparation for and attending meetings in addition to those specified as Basic Services.
 - 2. Modifying deliverables per Owner's requests other than those modifications specified as Basic Services.

File Attachments for Item:

5. Resolution - A Resolution Of The City Council Creating Fees And Charges For Riverside Hall To Be Incorporated Into The City Of Laurel's Schedule Of Fees And Charges.

RESOLUTION NO. R21-___

A RESOLUTION OF THE CITY COUNCIL CREATING FEES AND CHARGES FOR RIVERSIDE HALL TO BE INCORPORATED INTO THE CITY OF LAUREL'S SCHEDULE OF FEES AND CHARGES.

WHEREAS, the City Council previously adopted Resolution No. R11-10 on February 1, 2011, creating a Schedule of Fees and Charges for the City of Laurel; and

WHEREAS, the Public Works Committee has recommended the attached Schedule of Fees and Charges for individuals, clubs or other members of the public who desire to rent Riverside Hall, currently known as Jaycee Hall, hereinafter referred to as "Riverside Hall" for their respective events; and

WHEREAS, City staff worked with the Park Board to develop the attached Schedule of Fees and Charges for the City's Riverside Hall; and

WHEREAS, City Staff and the Park Board recommend the City Council's adoption of the attached schedule to be incorporated into the City's Schedule of Fees and Charges that is updated on an annual basis.

NOW, THEREFORE, BE IT RESOLVED by the City Council of the City of Laurel that the attached schedule of fees entitled "Riverside Hall Rental Hours and Fees" is hereby approved and incorporated into the City's Schedule of Fees and Charges.

Introduced at a regular meeting of	2021, by Council	
Member		
PASSED and APPROVED by the2021.	City Council of the City of	Laurel thisth day of
APPROVED by the Mayor thisda	y of2021.	
	CITY OF LAUREL	
ATTEST:	Thomas C. Nelson, Mayo	or
Bethany Langve, Clerk-Treasurer		
APPROVED AS TO FORM:		
Sam Painter, Civil City Attorney		

Riverside Hall Rental Hours and Fees

\$350 per day(7am-10pm) and each additional day is \$175.

\$175 per half day for the following times 7am-2pm or 2pm-10pm.

\$75 fee for the use of the kitchen.

\$200 deposit for non-alcohol rentals that will be returned if the hall is cleaned and picked up.

\$500 deposit for alcohol served that will be returned if the hall is cleaned and picked up. Renters must comply with state alcohol statues.

\$30 fee for the meeting room for a maximum of four hours at any given time if the hall is available - no deposit required.

Laurel non-profits will receive a 50% discount on rentals excluding deposits. The meeting room has no discount.

Youth meetings are free.

Rental Agreements are required to be signed and approved prior to your event or meeting.

January 27, 2021 Park Board 6 pm Park Board Member present Jon R. Scott S. Irv W. Richard H. Phyllis B. Evan B. Others Present, Kurt Markegard, Staff Public Input – no public comment Irv reported about rental fees. Kurt reported about fees for North Park. Evan spoke about his ideas for rental fees. John also spoke about fees. The board discussed the rental fees for non-profit. The board held a lengthy discussion on times for rentals and when renters needed to be out of hall. The fees and hours of rentals shall be as follows. \$350 per day(7am-10pm) and each additional day is \$175. \$175 per half day either 7am-2pm or 2pm-10pm. \$75 fee for the use of the kitchen. \$200 deposit for non-alcohol rentals that will be returned if the hall is cleaned and picked up. \$500 deposit for alcohol served that will be returned if the hall is cleaned and picked up. Renters must comply with state alcohol statues.

\$30 fee for the meeting room for a maximum of four hours at any given time if the hall is available - no

Laurel non-profits will receive a 50% discount on rentals excluding deposits. The meeting room has no

deposit required.

discount.

Youth meetings are free.

Jon moved to accept the fees and times for rentals and Evan seconded it, all members voted for the motion to pass. Kurt will prepare the fee schedule for City Council consideration.

Kurt asked the board what the hall will be called in the future so that it can have a name. Evan suggested Riverside Hall.

Richard motioned to call the building formerly know as Jaycee Hall to the new name of Riverside Hall. Irv seconded the motion and all members voted for the motion to pass.

The meeting was adjourned at 7:04 pm.

Submitted by Kurt Markegard

File Attachments for Item:

6. Electronic Recycling Discussion.

Laurel Container Site Electronics Recycling

Purpose:

Green Technology Solutions is looking to set up 4 drop off bins for electronics recycling at the Laurel Container Site.

Costs:

GTS would provide the bins for free, do any on-site repairs for free, and pick up the contents for free. In other words, this service would be absolutely free of any charges to the City of Laurel.

Licensing/Insurance:

GTS is a licensed electronics recycling facility with the Montana DEQ (License #595). In addition to this, GTS carries a \$2 million general liability insurance policy.

Bins:

Each bin measures roughly 4 feet, by 4 feet, by 4 feet. GTS currently allocates 4 bins and an optional vehicle battery recycling pallet at each site.

Items Accepted:

GTS accepts almost every type of electronic device (CRT's and projection TV's are not accepted) and every type of battery. In addition to this, old ink and toner cartridges are also accepted

Items Containing Hard Drives:

GTS destroys every hard drive received in house. No hard drives are reused, and no intact hard drives are sent to third party recyclers.

Contact Information:

Anthony Overcast Owner, Green Technology Solutions 350 S Billings Blvd. Suite #2A (406) 206-5376 Cell: (406) 697-5877 www.greenmt.net

File Attachments for Item:

7. Review Draft Council Agenda for February 23, 2021



AGENDA CITY OF LAUREL CITY COUNCIL MEETING TUESDAY, FEBRUARY 23, 2021 6:30 PM ONLINE

NEXT RES. NO. R18-XX

NEXT ORD. NO. O18-XX

WELCOME . . . By your presence in the City Council Chambers, you are participating in the process of representative government. To encourage that participation, the City Council has specified times for citizen comments on its agenda -- once following the Consent Agenda, at which time citizens may address the Council concerning any brief community announcement not to exceed one minute in duration for any speaker; and again following Items Removed from the Consent Agenda, at which time citizens may address the Council on any matter of City business that is not on tonight's agenda. Each speaker will be limited to three minutes, unless the time limit is extended by the Mayor with the consent of the Council. Citizens may also comment on any item removed from the consent agenda prior to council action, with each speaker limited to three minutes, unless the time limit is extended by the Mayor with the consent of the Council. If a citizen would like to comment on an agenda item, we ask that you wait until the agenda item is presented to the Council by the Mayor and the public is asked to comment by the Mayor. Once again, each speaker is limited to three minutes.

Any person who has any question concerning any agenda item may call the City Clerk-Treasurer's office to make an inquiry concerning the nature of the item described on the agenda. Your City government welcomes your interest and hopes you will attend the Laurel City Council meetings often.

Pledge of Allegiance

Roll Call of the Council

Approval of Minutes

Approval of Minutes of February 9, 2021.

Correspondence

Council Disclosure of Ex Parte Communications

Public Hearing

Conditional Land Use - Soda Station

Consent Items

NOTICE TO THE PUBLIC

The Consent Calendar adopting the printed Recommended Council Action will be enacted with one vote. The Mayor will first ask the Council members if any Council member wishes to remove any item from the Consent Calendar for discussion and consideration. The matters removed from the Consent Calendar will be considered individually at the end of this Agenda under "Items Removed from the Consent Calendar." (See Section 12.) The entire Consent Calendar, with the exception of items removed to be discussed under "Items Removed from the Consent Calendar," is then voted upon by roll call under one motion.

- 1. Claims entered through February 19, 2021.
- 2. Approval of Payroll Register for PPE 2/12/2021 totaling \$203,294.13.

Approval of Council Workshop Minutes of October 15, 2019.

Ceremonial Calendar

Reports of Boards and Commissions

4. Budget/Finance Committee minutes of January 26,2021.

Audience Participation (Three-Minute Limit)

Citizens may address the Council regarding any item of City business that is not on tonight's agenda. Comments regarding tonight's agenda items will be accepted under Scheduled Matters. The duration for an individual speaking under Audience Participation is limited to three minutes. While all comments are welcome, the Council will not take action on any item not on the agenda.

Scheduled Matters

- 5. Resolution A Resolution To Approve The Conditional Use Of Property For The Operation Of "Soda Station" A Beverage Kiosk On A Portion Of Property Located At 720 1st Avenue Within The City Of Laurel. (PH 2.23.2021)
- 6. Resolution A Resolution Of The City Council Selecting RDO Equipment As The Successful Bidder For The City's Purchase Of A Backhoe.
- Resolution A Resolution Of The City Council Approving A Task Order Between The City Of Laurel And KLJ Engineering Inc. To Authorize Service For The 2021 Pavement Maintenance Project.
- 8. Resolution A Resolution Of The City Council Approving A Task Order For KLJ Engineering Inc. To Authorize Them To Prepare An Updated Water System Preliminary Engineering Report (PER) For The City Of Laurel.
- 9. Resolution A Resolution Of The City Council Creating Fees And Charges For Riverside Hall To Be Incorporated Into The City Of Laurel's Schedule Of Fees And Charges.

Items Removed From the Consent Agenda

Community Announcements (One-Minute Limit)

This portion of the meeting is to provide an opportunity for citizens to address the Council regarding community announcements. The duration for an individual speaking under Community Announcements is limited to one minute. While all comments are welcome, the Council will not take action on any item not on the agenda.

Council Discussion

Council members may give the City Council a brief report regarding committees or groups in which they are involved.

Mayor Updates

Unscheduled Matters

Adjournment

The City makes reasonable accommodations for any known disability that may interfere with a person's ability to participate in this meeting. Persons needing accommodation must notify the City Clerk's Office to make needed arrangements. To make your request known, please call 406-628-7431, Ext. 2, or write to City Clerk, PO Box 10, Laurel, MT 59044, or present your request at City Hall, 115 West First Street, Laurel, Montana.

DATES TO REMEMBER