

**Agenda**  
**Shady Cove Regular City Council Meeting and Public Hearing**  
**Thursday, April 7, 2022**  
**6 PM**

<https://us02web.zoom.us/j/84741801102?pwd=WDQyMVJ5bjhMcZVYQ1o3b2tUZ3B0dz09>

Meeting ID: 847 4180 1102

Passcode: 579934

+12532158782,,84741801102#,,,,\*579934# US (Tacoma)

+13462487799,,84741801102#,,,,\*579934# US (Houston)

**I. Call to Order**

- A. Roll Call
- B. Pledge of Allegiance
- C. Announcements by Presiding Officer

1. This meeting is being digitally recorded.
2. The next regularly scheduled meeting of the City Council will be held on April 21 at 6 PM, both in Council Chambers and via Zoom.
3. The next regularly scheduled meeting of the Planning Commission is April 14 at 6 PM, both in Council Chambers and via Zoom.
4. The next meeting of the Parks and Rec Commission is not scheduled at this time.
5. The next meeting of the Emergency Management Commission is April 12 at 10 AM at the Shady Cove Library.
6. The next meeting of the Events Committee is not scheduled at this time.
7. Public may comment on agenda items - Public must state name, address and standing to discuss an issue. Issues must have a City-wide impact and not be personal issues. Depending on number of comments and time constraints, Council may limit the amount of time to 3 minutes per speaker.
8. These meeting dates and times are subject to change.

**II. Public Hearing (pg 4)**

Public Hearing to Consider a sale of City-owned real property. The property is located off of Crescent Dr. and has no street address. Said property is legally described in Jackson County Assessor records as 34-1W-15CA, Tax Lot 4090. The property is approximately .35 acres. The City Council considers this property as surplus. The proposed uses of the property shall be any uses permitted in the code.

- Read Public Hearing Open (Continuing) Statement.
- Jurisdiction Question.
- Conflict of Interest.
- Staff Comments.
- Applicant's Testimony
- Proponent's Testimony/Council Questions.
- Opponent's Testimony/Council Questions.
- Final Staff Comments.
- Close/Continue Hearing

**III. Public Comment on Agenda Items**

**IV. Consent Agenda (pgs 5-24)**

- A. Bills Paid Report 03/11/22-03/22/22, \$ 5,507.64
- B. Bills Paid Report 03/23/22-03/31/22, \$18,834.67
- C. Minutes of 03/17/2022
- D. Acknowledgement of Planning Commission Minutes: 12/9, 1/13, 1/27
- E. Acknowledgement of Events Committee Minutes: 3/16

**V. Items Removed from Consent Agenda**

**VI. Staff Reports**

- A. Jackson County Deputy
- B. Fire Chief Winfrey, FD4
- C. Commission/Committee Reports
- D. City Administrator

**VII. New Business**

- A. RV Extension Request (pgs 25-26)
- B. Assignment of Feasibility Study (pgs 27-43)
- C. Cleveland St Contract
- D. Appointment to Planning Commission
- E. Appointment to Events Committee

**VIII. Old Business**

- A. Welcome Signs

**IX. Written Communication**

**X. Public Comment on Non-Agenda Items**

**XI. Council Comments on Non-Agenda Items**

- A. Mayor Tarvin
- B. Councilor Evertt
- C. Councilor Murders
- D. Councilor Taylor
- E. Councilor Winfrey

**Adjournment**

<b>Account Sequence</b>	<b>Map TL Sequence</b>	Assessment Year 2022 ▼	<input type="button" value="Print Window"/> <input type="button" value="Close Window"/>
<b>Assessment Info for Account 1-057016-2 Map 341W15CA Taxlot 4090</b> Report For Assessment Purposes Only Created January 20, 2022			
<b>Account Info</b>		<b>Tax Year 2021 Info</b>	
Account	1-057016-2	<input type="button" value="Pay Taxes Online"/>	
Map	341W15CA 4090		
Taxlot			
Owner	CITY OF SHADY COVE		
Situs Address		Tax Report	<input type="button" value="Details"/>
SUMMIT DR SHADY COVE R		Tax History	<input type="button" value="Details"/>
Mailing Address	CITY OF SHADY COVE 22451 HIGHWAY 62	Tax Details	<input type="button" value="Details"/>
	SHADY COVE OR, 975399718	Tax Rates	<input type="button" value="Details"/>
Appraiser	168		
<b>Land Info</b>			
		Tax Code	9-15
		Acreage	0.35
<b>Zoning</b>			
<b>Land Class</b>			
		RT 0.35 Ac	
		Property Class	940
		Stat Class	000
		Unit ID	117331-1
		Maintenance Area	1
		Neighborhood	000
		Study Area	04
		Account Status	ACTIVE
		Tax Status	Non-Assessable
		Sub Type	NORMAL
<b>Sales Data (AS 400)</b>			
<input type="button" value="Value Summary Detail ( For Assessment Year 2022 - Subject To Change )"/>			
<input type="button" value="Market Value Summary ( For Assessment Year 2022 - Subject To Change )"/>			
Code Area	Type	Acreage	RMV
9-15	LAND	0.35	\$ 27,860
			\$ 27,860
			\$ 0
			\$ 0
Value History	<input type="button" value="Details"/>	Total:	\$ 27,860
			\$ 27,860
			\$ 0
			\$ 0
<b>Photos and Scanned Documents</b>			
SCANNED ASSESSOR DOCUMENTS		(See new portal)	(See new portal)
		<input type="button" value="Portal"/>	
<b>Appraisal Maintenance</b>			
<input type="button" value="2017 - INVENTORY REVIEW"/>			
<input type="button" value="Account Comments"/>			
(1) ACCT GOES NON-ASSESS PER NAME TRANSFER >>> 9/12/16 PER AJI,NAC #168>>>			
<input type="button" value="Exemptions / Special Assessments / Notations / Potential Liability"/>			
<b>Notations</b>			
Description	Tax Amount	Year Added	Value Amount
CARTOGRAPHIC ACTIVITY		2009	
<b>Location Map</b>			
County of Jackson, OR, Bureau of Land Management, State of Oregon, State of Oregon DOT, State of Oregon GEO, Esri Canada, Esri, HERE, Garmin, L... Powered by Esri			
<input type="button" value="Close Window"/>		<input type="button" value="Print Window"/>	

## Report Criteria:

Summary report type printed

Vendor Number	Name	Invoice Number	Description	Invoice Date	Invoice Amount	Discount Amount	Check Amount	Check Number	Check Issue Date
25	Canon Solutions America, I	4038936596	Copies	02/25/2022	43.46	.00	43.46	50308	03/17/2022
Total 25:					43.46	.00	43.46		
43	David Christian	03/07/2022	Radio 03/07-03/11/22	03/10/2022	90.00	.00	90.00	50309	03/17/2022
		2/28/2022	Radio 02/28-03/04/22	03/03/2022	90.00	.00	90.00	50309	03/17/2022
Total 43:					180.00	.00	180.00		
83	KAS & Associates, Inc.	20997	Aunt Carolines Park Pedes	02/25/2022	215.00	.00	215.00	50312	03/17/2022
		20998	SCA Cleveland - Contract	02/25/2022	3,460.00	.00	3,460.00	50312	03/17/2022
Total 83:					3,675.00	.00	3,675.00		
135	RVCOG	22-2952	B Benton 12/21/2022	03/02/2022	55.25	.00	55.25	50314	03/17/2022
Total 135:					55.25	.00	55.25		
221	Hunter Communications	187158	Phone/Internet 04/01-04/30	04/01/2022	593.79	.00	593.79	50310	03/17/2022
Total 221:					593.79	.00	593.79		
257	AT&T Mobility	2872860888	Cell phones 03/06/22-04/0	03/05/2022	177.62	.00	177.62	50307	03/17/2022
Total 257:					177.62	.00	177.62		
258	WECO - Carson	CP-0018533	Gas/Diesel 02/16-02/23/22	02/28/2022	108.77	.00	108.77	50315	03/17/2022
Total 258:					108.77	.00	108.77		
268	Project A, Inc.	22-0534	web developement/dev/hos	03/15/2022	223.75	.00	223.75	50313	03/17/2022
Total 268:					223.75	.00	223.75		
274	Jackson County - Commun	5376	Weed Eat and Blow	03/03/2022	450.00	.00	450.00	50311	03/17/2022
Total 274:					450.00	.00	450.00		
Grand Totals:					5,507.64	.00	5,507.64		

Report Criteria:  
Summary report type printed

Vendor Number	Name	Invoice Number	Description	Invoice Date	Invoice Amount	Discount Amount	Check Amount	Check Number	Check Issue Date
24	Canon Financial Services, I	28250121	Contract 04/01/2022	03/12/2022	203.82	.00	203.82	50317	03/25/2022
Total 24:					203.82	.00	203.82		
43	David Christian	03/17/2022	Radio 03/14-03/18/22	03/17/2022	90.00	.00	90.00	50319	03/25/2022
Total 43:					90.00	.00	90.00		
61	Hornecker Cowling, LLP	119082	General - Acct 32076-001	03/21/2022	741.00	.00	741.00	50320	03/25/2022
Total 61:					741.00	.00	741.00		
168	URCC	0008	Rental of Office Space	03/16/2022	840.00	.00	840.00	50327	03/25/2022
Total 168:					840.00	.00	840.00		
189	Jackson County - Animal C	104263	Dead Animal Pick Up	03/18/2022	124.10	.00	124.10	50325	03/25/2022
Total 189:					124.10	.00	124.10		
258	WECO - Carson	CP-0018750	Gas/Diesel 03/03/22-03/14/	03/16/2022	196.49	.00	196.49	50328	03/25/2022
Total 258:					196.49	.00	196.49		
430020	Confident Staffing, Inc.	328243	S. Fish - week ending 3/13/	03/13/2022	1,032.94	.00	1,032.94	50318	03/25/2022
		48537	S. Fish - week ending 3/20/	03/20/2022	946.31	.00	946.31	50318	03/25/2022
Total 430020:					1,979.25	.00	1,979.25		
430032	JP Morgan Chase	MARCH STA	Amazon Prime	03/12/2022	912.15	.00	912.15	50326	03/25/2022
Total 430032:					912.15	.00	912.15		
430066	Oregon Teamsters	JANUARY/F		03/30/2022	13,747.86	.00	13,747.86	50329	03/30/2022
Total 430066:					13,747.86	.00	13,747.86		
Grand Totals:					18,834.67	.00	18,834.67		

City of Shady Cove  
**City Council Regular Meeting and Public Hearing Minutes**

Thursday, March 17, 2022, 6:00 PM

Meeting was held via Zoom with members of Council being present at City Hall.

**I. CALL TO ORDER**

Mayor Tarvin called the Regular City Council Meeting to order at 6:00 PM

Council Present: Mayor Tarvin, Councilor Evertt and Councilor Murders

Staff Present: Thomas J. Corrigan, City Administrator

The Pledge of Allegiance was recited.

**I.C. ANNOUNCEMENTS**

The Mayor made the announcements on the agenda.

**II. PUBLIC COMMENT ON AGENDA ITEMS**

Hank Hohenstein – Would like to go first on staff reports.

**II. CONSENT AGENDA**

Items in Consent Agenda

- A. Bills Paid Report 02/10/22-03/10/22 \$53,415.01
- B. Minutes of 02/17/2022 Meeting

**Motion to Accept Consent Agenda:**

Motion: Councilor Murders                      Second: Councilor Evertt

Motion Carried 3-0

**III. ITEMS REMOVED FROM CONSENT AGENDA**

None

**IV. STAFF REPORTS**

- A. Chair Hohenstein, Planning Commission – Planning Commission had a workshop to review timelines for Condition Use Permits. They also reviewed the street project and would like to schedule a workshop with the City Administrator to discuss.
- B. Jackson County Deputy- Not in attendance
- C. Erica Schumacher Emergency Management Preparedness Fair this Saturday from 10-2 at URCC. American Red Cross, ODF, Pacific Power, JC Emergency Management, Senior Disability Services, Sheriff Department, JC Animal Control and Relief Angels. Community sign-up available for smoke detector installation.
- D. Chief Winfrey – Response times are up, call volume under 100. Fire Department now has a full Budget Committee.
- E. City Administrator – Hunter has been working on Hunter Home junction box near City Hall. This will enable more homes to use Hunter. RVSS is replacing their pump station and will complete a floodplain permit. Staff is working with Planning Commission to review current Conditional Use Permits. Property owners will be required to notify the City when conditions are met so we can approve. Sign Code presented to City Council. City Administrator talked to ODF on what can be done for Firewise landscaping in front of City Hall and Library. ODF may have money to contribute to both City Hall

landscaping and Aunt Caroline's Park. ODF provides funding to property owners to assist with property cleanup. City will be sending the new Ordinance 304 to property owners. Monday the limb trailer will be available to the Community. Advertisements made on radio station. Changes were made at the radio station to allow for a better range. Reminder for Planning Commission and City Council your Ethics Commission filing is due April 15<sup>th</sup>. RARE student assist City with property notifications, identify dead trees. DLCD has another Grant we are considering. List and map available for citizens to identify their fire danger. List is ranked from low, medium and high danger. Rogue River Watershed is having a meeting and auction Saturday April 23<sup>rd</sup> 5-9 at Ashland Hills Hotel. Bio Bags going out to White Oak and major intersections within the City. City is reviewing road repairs. Rene is on the list to fill approximately 18,000 feet of crack sealing, estimating \$12,000. Also reviewed, White Oak, estimate is \$1800. Aunt Caroline's parking lot needs seal coat and repainting as well. Tree may also be removed in parking lot. Walk through was completed on Cleveland Street. Copy of plans available at the City for review. Dependent on bids we may need to adjust plans to fit our budget.

## **V. NEW BUSINESS**

### **A. Appointment of the new Councilor.**

Discussion regarding appointing two councilors with one position advertised. City Administrator gave Attorney comments.

**Motion to Appoint Jay Taylor and Paige Winfrey to City Council, with the positions going back to elections in November:**

Motion: Councilor Murders

Second: Councilor Evertt

Motion Carried: 3-0

New Councilors Taylor and Winfrey recited their Oath.

### **B. Welcome Sign Bids – Made of recycled material with a coating that is graffiti resistance laminate. City will be able to attached to existing frame. \$1002.96 per sign from Sign Dude. Councilor Evertt will review signs up at business.**

## **VI. OLD BUSINESS**

### **A. Broadband discussed.**

## **VI. WRITTEN COMMENT**

None

## **VII. PUBLIC COMMENT ON NON-AGENDA ITEMS**

Sandra Barber – Grant available for flowers and flags on Hwy 62. City should go in that direction for beautification.

Julie Barnes – Easter Parade. Questioned procedure.



### VIII. COUNCIL COMMENTS ON NON AGENDA ITEMS

- A. Councilor Winfrey – Happy to be here and looking forward to getting things done for our citizens.
- B. Councilor Taylor – Thank you for allowing me to participate with the community. Looking forward to some movement. Tom and Sandra have good suggestions. Encourage the store fronts open for business.
- C. Councilor Murders – Welcome Councilor Taylor and Councilor Winfrey. I am looking forward to having a full Council. Based on my interactions with both of you I know we are going to make forward progress. Excited that we have the ability. Extend my appreciation to our Commissions and volunteers for the support to better our community.
- D. Councilor Evertt – Welcome Councilor Taylor and Councilor Winfrey. You will be great additions to Council.
- E. Mayor Tarvin – Welcome the new Councilors. A position will be open on the Planning Commission with Councilor Taylor's move to Council. Position will be open until April 6<sup>th</sup> at 5PM. Event Committee met yesterday. Charlotte Boehme has been voted in as Chair. Events that came up were old and new events. They will bring people to our business in town and have fun activities. One individual resigned from the committee. Would like to open up that position. Branch drop-off trailer is available. No charge for this service. Now is the time to reduce fuels. Lake is low and very dry. Battery- powered weed eaters are available to borrow at City Hall. Call first to make sure they are available. Did not realize there were so many high fire risk properties. Help your neighbors. If you have an older neighbor, help them get prepared. Fire season is here. Wishing everybody a happy St Patrick's Day. Have a great corn beef and cabbage dinner tonight. Thank you for a great meeting. So glad that we have a full Council and looking forward to getting stuff done that will help our community and City.

### IX. ADJOURNMENT

There being no further business before the Council, the Mayor adjourned the meeting at 7:21 PM.

Approved:

Attest:

\_\_\_\_\_  
Shari Tarvin  
Mayor

\_\_\_\_\_  
Thomas J. Corrigan  
City Administrator

#### Council Vote:

Mayor Tarvin \_\_\_\_\_  
Councilor Evertt \_\_\_\_\_  
Councilor Murders \_\_\_\_\_  
Councilor Taylor \_\_\_\_\_  
Councilor Winfrey \_\_\_\_\_

**Agenda**  
**Shady Cove Regular City Council Meeting and Public Hearing**  
**Thursday, April 7 2022**  
**6 PM**

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**II. Public Hearing (pgs )**

Public Hearing to Consider a sale of City-owned real property. The property is located off of Crescent Dr. and has no street address. Said property is legally described in Jackson County Assessor records as 34-1W-15CA, Tax Lot 4090. The property is approximately .35 acres. The City Council considers this property as surplus. The proposed uses of the property shall be any uses permitted in the code.

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- C. Minutes of 03/17/2022
- D. Acknowledgement of Committee/Commission Minutes

**V. Items Removed from Consent Agenda**

**VI. Staff Reports**

- A. Jackson County Deputy
- B. Fire Chief Winfrey, FD4
- C. Commission/Committee Reports
- D. City Administrator

**VII. New Business**

- A. RV Extension Request
- B. Assignment of Feasibility Study
- C. Cleveland St Contract
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- E. Appointment to Events Committee

**VIII. Old Business**

- A. Welcome Signs

**IX. Written Communication**

**X. Public Comment on Non-Agenda Items**

**XI. Council Comments on Non-Agenda Items**

- A. Mayor Tarvin
- B. Councilor Evertt
- C. Councilor Murders
- D. Councilor Taylor
- E. Councilor Winfrey

**Adjournment**

City of Shady Cove  
**Planning Commission Public Hearing Meeting Minutes**  
Thursday, December 9, 2021

Meeting was held with the Planning Commission and public present at City Hall and public also attending Via Zoom

### **I. CALL TO ORDER**

Chair Hohenstein called the Regular Planning Commission Meeting to order at 6:02 PM

Commissioners Present: Chair Hohenstein, Commissioner Magill (Zoom), Commissioner Ball, Commissioner Taylor (Zoom), Commissioner Willis

Staff Present: Debby Jermain, Planning Technician; Ryan Nolan (Zoom), City Planner; Thomas J. Corrigan (Zoom) City Administrator

### **II. ANNOUNCEMENTS**

The Chair made the announcements on the agenda.

### **III. CONSENT CALENDAR**

None

### **IV. PUBLIC HEARING**

A) Public Hearing to Consider a Major Land Partition at 19803 Hwy 62

Opened Public Hearing 6:05 PM

A Public Hearing to accept public testimony and consider approval to allow a major land partition located at 19803 Hwy 62, Shady Cove, Oregon. Assessor's Map No. 34-1W-28, Tax Lot 910. Partition one lot, 8.18 acres into three parcels: Parcel 1: 3.82 acres; Parcel 2: 1.68 acres; Parcel 3: 2.68 acres. Zoning is R-1-40 (Single Family Residential, 40,000 square foot minimum. Applicant: Z. Idelle Collins. File Number: MJP 21-01.

No objections to the jurisdiction of the Commission to hear this matter, conflict of interest, or Ex Parte contact.

Commissioner Ball attempted to visit property. He was unable to access. Commissioner Magill visited site for a considerable amount of time relating maps to the space which resulted in a good understanding of the property. Chair also visited the site and had dialogue with Collins.

Planner Nolan commented that the case was presented because the division of land was not occurring on an existing public street. Although they built the private street and it was engineered, the application would create a new easement extending that private street which would have frontage then for the three new lots created. The Collins family had other partitions, sewer projects, and easements approved prior to adopting the new

rule requiring all private streets to be paved. All other criteria met was met. He said the Planning Commission had authority to review and decide if the street design was appropriate. The City Planner suggests approval with four conditions.

Commissioner Taylor requested clarification regarding when we adopted the paved private street requirement. Planner informed him this was adopted in 2020, therefore, the previous items were approved prior to the updated guidelines.

#### Applicants Testimony/Proponents Testimony

Mrs. Collins: When applicant began this project, she had no idea of the time or cost. She wanted only a max of six parcels. Mrs. Collins clarified intention for one residence per lot. Individual parcels would need water set up. All have sewer, but wells were not sufficient at the time of the hearing.

Mr. Kaiser, the surveyor: The surveyor clarified gravel portion of Collins Way would only access the six parcels.

No opponents.

Staff's recommendation was that if the Planning Commission felt that the applicant's road design was appropriate, they could approve this partition. And Staff suggested four conditions in the staff report.

Close Public Hearing 6:39pm

**Motion that the Planning Commission approve File MJP 21-01 to allow a request to partition one lot 8.18 acres into three parcels: Parcel 1: 3.82 acres; Parcel 2: 1.68 acres; and Parcel 3: 2.68 acres. This request was submitted by the property owner located at 19803 Hwy 62, more correctly identified as Map No. 34-1W-28, Tax Lot 910. The request also includes a street design that is alternate to the approved design standards of the City. Motion incorporates the findings of fact and the conditions of approval recommended by staff in its report dated November 30, 2021.**

**Motion: Commissioner Ball      Second: Commissioner Magill**  
**Motion Carried 5-0**

#### **V. NEW BUSINESS**

None

## **VI. SUBJECT OF WORKSHOP**

Discussion item moved forward to review/familiarize with City of Shady Cove Planning Principles, and Guiding Documents: Comprehensive Plan, Municipal Code, Local Street Network Plan, Riparian Ordinance and Similar Documents.

## **VII. DEPARTMENT REPORTS**

None

## **VIII. PUBLIC COMMENT**

None

## **IX. COMMISSIONER COMMENTS**

Commissioner Magill requested item for next agenda, to discuss visits and recommendations for improvements to the street list.

City Administrator concurred with Commissioner Magill that inventory was something Council requested and imperative for the planning commission to look at.

## **X. ADJOURNMENT**

There being no further business before the Commission, the Chair adjourned the regular Meeting at 7:05 PM.

Approved:

Attest:

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Hank Hohenstein  
Chair

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Debby Jermain  
Planning Technician

### **Commission Vote:**

Chair Hohenstein  
Commissioner Magill  
Commissioner Ball  
Commissioner Willis

Y  
Y  
Y  
Y

City of Shady Cove  
**Planning Commission Workshop Meeting Minutes**

Thursday, January 13, 2022

Meeting was held with the Planning Commission present at City Hall and public attending Via Zoom

## **I. CALL TO ORDER**

Chair Hohenstein called the Workshop Planning Commission Meeting to order at 6:00 PM

Commissioners Present: Chair Hohenstein, Commissioner Magill, Commissioner Ball, Commissioner Taylor, Commissioner Willis

Staff Present: Debby Jermain, Planning Technician

## **II. ANNOUNCEMENTS**

The Presiding Officer made the announcements on the agenda.

## **III. PUBLIC COMMENT**

None

## **IV. SUBJECT OF WORKSHOP**

A. Discussion Item: Evaluation of several streets within Shady Cove.

- a. Chair began by setting expectations to provide a summary reflecting what was said as a body for commissioners to review.
- b. Commissioner Ball requested clarification on the difference between maintenance and changes requiring grants from the state. Chair explained maintenance meant maintaining the street. Example: fixing cracks, repaving, etc.
- c. Commissioner Taylor expressed concern regarding changes to existing streets beyond regular maintenance, such as widening and extending.
- d. General consensus was to protect the integrity of Shady Cove and respect the wishes of its citizens by reasonably avoiding such street modifications. However, updated codes and guidelines should be followed for new roads.
- e. Chair stressed the importance of effective communication with the public. Meetings involving the community ceased due to the pandemic. He recommended that town halls be reintroduced, as residents of Shady Cove value and wish to protect its rural atmosphere.
- f. Commissioner Taylor suggested pavement to be considered for city owned streets as opposed to compressed gravel.
- g. The following streets were deemed acceptable: Skyline Drive, Heather Lane, Sarma Drive, Train Lane, Kathleen Terrace, and Shirley Lane.
- h. The following streets were in need of maintenance: Schoolhouse Lane, Williams Lane, Brophy Way, Park Drive, Rene Drive, Alicki Lane, Braughton Way, Castaline Place, Flower, and Mallory Lane. The last two being the most deplorable.
- i. Maintenance required was mostly related to pot holes and sight issues.
- j. Commissioner Ball encouraged efforts to upgrade south side of the bridge entrance/exit



## V. DEPARTMENT REPORTS

### A. Planning Technician report.

Three new homes, Encroachment permits, Development Review, Minor Partition, Site Design Review, Major Partition, three Floodplain permits

## VI. COMMISSIONER COMMENTS

- A. Commissioner Taylor commented that the street review was a challenge which required extensive time and planning to efficiently complete the assignment. He suggested that major changes such as extensions and road widenings be resident driven.
- B. All Commissioners agreed with Commissioner Taylor's points. General consensus was to remain sensitive to the wishes of Shady Cove's residents and avoid making significant changes to existing streets.
- C. Commissioner Magill was shocked by the state of several streets, particularly Flower and Mallory.
- D. Commissioner Taylor agreed with Chair that town halls should be reintroduced with the goal of receiving input from and reconnecting with the community.

## VII. ADJOURNMENT

There being no further business before the Commission, the Chair adjourned the regular Meeting at 7:17 PM.

Approved:

Attest:

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Hank Hohenstein  
Chair

---

Debby Jermain  
Planning Technician

### Commission Vote:

Chair Hohenstein  
Commissioner Magill  
Commissioner Ball  
Commissioner Willis

Y  
Y  
Y  
Y

City of Shady Cove  
**Planning Commission Public Hearing Meeting Minutes**  
Thursday, January 27, 2022

Meeting was held with the Planning Commission and public present at City Hall and public also attending Via Zoom

### **I. CALL TO ORDER**

Chair Hohenstein called the Public Hearing Planning Commission Meeting to order at 6:01 PM

Commissioners Present: Chair Hohenstein, Commissioner Magill, Commissioner Ball, Commissioner Willis. Commissioner Taylor absent.

Staff Present: Debby Jermain, Planning Technician, Ryan Nolan, City Planner, Thomas J. Corrigan, City Administrator via Zoom

### **II. ANNOUNCEMENTS**

The Chair made the announcements on the agenda.

### **III. PUBLIC HEARING**

A) Public Hearing to Consider a Site Design Review located at 21907 Hwy 62

Opened Public Hearing 6:01pm

A Public Hearing to accept public testimony and consider approval of a Site Design Review Application to allow a retail smoke shop. The property is located at 21907 Hwy 62, Shady Cove, Oregon. Assessor's Map and Tax Lot: 34-1W-15BC, 1801. Zoning is General Commercial, GC. Owner: Eryk Hanson Applicant: Mukesh Sharma  
File number: SD 21-03.

Opening Statement read by Commissioner Ball.

No objections to the jurisdiction of the Commission to hear this matter or conflict of interest.

Commissioner Willis disclosed communication with the owner eight months prior to hearing. She confirmed her ability to maintain impartiality.

All Commissioners visited the site. The Chair noted tight parking, otherwise all were satisfied.

#### Staff Comments:

Planner Nolan summarized the application for site design review to authorize a change of use at an existing developed commercial site from a bar to a retail smoke shop. Staff reviewed the application and determined the proposed retail store complied with the proper criteria and standards. They recommended approving the application with

several conditions regarding acquiring the proper licensing and permits, landscaping, storefront updates, and parking spaces.

Commissioner Questions:

Chair Hohenstein inquired about the applicant's opening date and timeframe for the expected storefront fixes. Planner Nolan said the applicant wished to open as soon as possible and complete the modifications to the storefront after. Staff included a condition to their recommended approval, to require updates to the storefront be finished within 4 months of opening.

Chair Hohenstein reiterated concern for tight parking and suggested verbally encouraging their staff to park on the side of the building. He requested directional arrows in addition to the regular parking lines as well.

Commissioner Magill inquired about the exclusivity of the product. Commissioner Willis said Stop N Go offered similar products.

Commissioner Ball suggested requiring storefront improvements prior to opening. His primary concern was to ensure that Shady Cove had successful, long-term businesses. He stressed that to be successful, new businesses should have ample capital and have the ability to make required changes upfront. Planner Nolan confirmed Commissioner Ball's request to move list B items to list A.

Commissioner Willis and Commissioner Magill commented on their disappointment in the applicant's absence. Both commissioners requested to postpone decision until the applicant could be present to answer additional questions.

Applicants Testimony/Proponents Testimony

Applicant was not present. No contact with applicant. No opponents.

Staff's recommendation/last comments

Based on the criteria and findings, Staff recommended the Planning Commission approve the application with several conditions.

Closed Public Hearing 6:25pm

**Motion that the Planning Commission continue discussion of File SD 21-03 at the Planning Commission meeting in City Hall, February 10, 2022 at 6pm.**

**Motion: Commissioner Magill**

**Second: Commissioner Willis**

**Motion Carried 4-0**

- B) Public Hearing to consider a 17-lot subdivision modification on three parcels totaling 5.71 acres.

Opened Public Hearing 6:28pm

A Public Hearing to accept public testimony and consider approval to modify a recently approved subdivision creating a two phase 17-lot subdivision on three parcels totaling 5.71 acres located on Cleveland Street right-of-way. The tentative subdivision proposes extensions of Cleveland Street and Chevney Way as well as a new private street off of Chevney Way. Said parcels are legally described as 34-1W-09DA Tax Lot 1200 & 34-1W-10CB Tax Lots 2900 & 2901. Zoning is R-1-10, Low Density Residential. Owners: Mike, Bonnie, Casey, and Mary Malepsy. Applicant: Mike Malepsy. File Number: SUB 21-01

Opening Statement read by Commissioner Magill.

No objections to the jurisdiction of the Commission to hear this matter, conflict of interest, or ex parte contact.

All Commissioners visited the site. No comments regarding visits.

Staff Comments:

Planner Nolan summarized the request for the subdivision which was recently approved with a waiver for planter strips on the street slightly different than city standards and code. The applicant was unclear about additional items included in the approval requiring there to be parking on both sides of the streets. He asked for clarification and modification to the street pavement width requirement, allowing parking to only be on one side of Cleveland and Chevney. The Fire Chief confirmed with Planner Nolan that the request was acceptable. Staff recommended approval with modification to the previously stated conditions.

Commissioner Questions:

Commissioner Ball inquired about the development's effect on average daily trips. Planner Nolan said the project would not be sizable enough to trigger a traffic impact analysis. Commissioner Ball also expressed concern over Cleveland changing from thirty-four to twenty-two feet and suggested a review of requirements for the previous developer, noting that it would be important to remain consistent. He also suggested the wording that sidewalks and driveways "may" be installed was unclear and should be changed to "will". Planner Nolan explained the intent was not to require sidewalks to be installed at the time of subdivision, but at the time of individual lot development. Commissioner Ball found sidewalks entirely unnecessary and thought additional road width would be more valuable. Chair Hohenstein agreed and recommended rolled curbs instead, to help with the flow of water.

Chair Hohenstein asked applicant about their building approach to which the applicant explained their preference was to build spec homes first vs presold lots, but noted they would not be opposed to such sales.

Chair Hohenstein acknowledged that the Staff, Fire Chief, and engineer were all on board and agreed the project was ok per standards. However, he suggested two additional feet of pavement considering the width of the fire engines in case of an emergency.

#### Applicants Testimony/Proponents Testimony

Applicant Mike Malepsy addressed the parking concern, stating they demonstrated there was ample off-street parking. Multiple parties had no trouble finding sufficient parking for approximately sixteen vehicles. He believed sidewalks and parking on both sides of the street to be unnecessary as well, that the current design was consistent with the area, and agreed with Staff's recommendation. Applicant also preferred not to put sidewalks in at the same time as the streets specifically to avoid damaging new sidewalks during lot/home construction.

#### Citizen Comments

Steven Stratton, 1018 Chevney Way, Shady Cove

Resident's primary concerns were for the increased traffic, noise, and quality of the street overall. He also requested that if speed was specified, it be fifteen mph instead of Shady Cove's regular twenty-five mph. Planner Nolan addressed concern for traffic, explaining the total expected average daily trips would remain within the estimated fifteen hundred threshold the street was designed to handle. Resident Stratton also expressed interest from existing residents in collaborating with the builder to switch all homes in the area to gas.

Gary Hughes, 1030 Chevney Way, Shady Cove

Resident's primary concerns were reducing the width of the street, substandard street conditions, and water/fire hydrants. Applicant responded to residents' concerns, assuring him that those living on the extension would find the road much more convenient. He informed them of the intention to install fire hydrants according to standards from Hiland Water. They also informed the resident of their plans to build a new pressure station to allow ample fire protection for the street. Commissioner Willis inquired as to how many fire hydrants were expected. Applicant said two eight-inch hydrants and that as the developer, he would be responsible for the cost.

Closed Public Hearing 7:41pm

First motion to approve without conditions failed.

**Motion that the Planning Commission approve modifications to File SUB 21-01 to permit development of a two phase 17-lot subdivision on three parcels totaling 5.71 acres located on Cleveland Street right-of-way. The subdivision includes extensions of Cleveland Street and Chevney Way as well as a new private street all of which will meet City Street standards. My motion incorporates the findings of fact and the conditions of approval recommended by Staff in its report dated January 11, 2022, together with the**

**following modifications to the conditions: Additional two feet of pavement on Cleveland, increasing width from 25 feet to 27 feet.**

**Motion: Commissioner Magill Second: Commissioner Willis**

**Motion Carried 3-1**

**Commissioner Ball voted Nay**

#### **IV. NEW BUSINESS**

##### **A. Discussion Item-Conditional Use Permit Follow-up**

- a. Owner of Southern Oregon Wilderness Adventures bought the lot next door. He had been storing four vehicles on this commercial lot without a permit, which would usually require a parking lot, fence, and/or signage out front. He would like to continue using the lot for storage without a permit for a period of time. Commissioner Hohenstein requested he be invited to discuss a timeframe at the next meeting scheduled for February 10th. Item was added to the agenda.
- b. As requested by an audience member, Gary Hughes, agenda item was added to the meeting scheduled for February 24<sup>th</sup> to discuss standards for pods/storage containers on private property.

#### **V. OLD BUSINESS**

##### **A. Discussion Item-Street Evaluation**

- a. Commissioner Magill asked for an explanation as to why Williams was prioritized over the conditions of Schoolhouse, Mallory, and Flower. Chair Hohenstein described his decision-making methodology and no reorder was requested.
- b. Maintenance was made first priority before expanding and changing the dynamic of the street pattern. However, it was understood that little funds were available and may not be sufficient to fully maintain existing streets. Grants expected to be applied for to make improvements.

#### **VI. COMMISSIONER COMMENTS**

None

#### **VII. ADJOURNMENT**

There being no further business before the Commission, the Chair adjourned the regular Meeting at 8:02 PM.

Approved:

Attest:

\_\_\_\_\_  
Hank Hohenstein  
Chair

\_\_\_\_\_  
Debby Jermain  
Planning Technician

#### **Commission Vote:**

Chair Hohenstein  
Commissioner Magill  
Commissioner Ball  
Commissioner Willis

Y  
\_\_\_\_\_  
Y  
\_\_\_\_\_  
Y  
\_\_\_\_\_  
Y  
\_\_\_\_\_

City of Shady Cove  
**Events Committee Regular Meeting**  
Wednesday, March 16, 2022, 1:00 PM  
Meeting was held at the Shady Cove Library.

**I. CALL TO ORDER**

Mayor Tarvin called the Regular City Event Committee to order at 1:15 PM

Committee Present: Charlotte Boehm, Patricia Adams and Ruth Strozewski

Staff Present: None

Guests Present – Shari Tarvin

**I.C. ANNOUNCEMENTS**

**Motion to appointment Charlotte Boehm as Chair:**

Motion: Ruth Strozewski

Second: Patricia Adams

Motion Fails: 3-0

The Chair made the announcements on the agenda.

**II. PUBLIC COMMENT ON AGENDA ITEMS**

No Public Comment

**II. CONSENT AGENDA**

None

**III. ITEMS REMOVED FROM CONSENT AGENDA**

None – Staff not in attendance

**IV. STAFF REPORTS**

None

**V. NEW BUSINESS**

A. Chair Appointment.

B. 50 Year Anniversary – 50/50 Tickets sold at local business; winner will get 50% of proceeds. Other 50% goes to the Events Committee. Music in the Park in September, Events Committee will announce winner and have 50's music. Committee to create flyer and engage local businesses.

C. Music in the park – Lucky's and The Gorge would be willing to share their lists of bands.

D. Flower Bulb Planting Event – Purchase bulbs and find citizens to help plant.

E. Monthly Newsletter – list all events happening in the City. Can be posted on the website, Facebook, local businesses and radio station.

G. Garden Swap/Flea Market – Held multiple times during the Summer.

H. Volunteers Needed for Event Committee – Committee to start recruiting.

I. Scavenger Hunt – Halloween time to accompany Trunk or Treat

J. Parade – Not on Hwy 62, but possibly on Erickson, Train and Hudspeth.

K. Duck Race – sell ducks for 50<sup>th</sup> Anniversary possibly.

**VI. OLD BUSINESS**

None

**VI. WRITTEN COMMENT**

None

**VII. PUBLIC COMMENT ON NON-AGENDA ITEMS**

None

**VIII. COUNCIL COMMENTS ON NON AGENDA ITEMS**

- A. Chair Boehm
- B. Patricia Adams
- C. Ruth Strozewski

**IX. ADJOURNMENT**

There being no further business before the Events Committee, the Chair adjourned the meeting at 2:15 PM.

Approved:

Attest:

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Charlotte Boehm  
Chair

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Thomas J. Corrigan  
City Administrator

**Committee Vote:**

Chair Boehm

Patricia Adams

Ruth Strozewski

\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_



**City of Shady Cove**  
**Temporary Use Permit/Hardship Appeal**  
Referencing City Code 154.335 and 90.02

Applicant David & Kathy Marble  
Property Address for Trailer/RV: 100 Firehouse Lane  
Mailing Address (if different than property address): \_\_\_\_\_  
City/State/Zip: Shady Cove OR, 97539  
Phone #: 541-538-0235 Email: kathyraver4@gmail.com  
Date Permit Expires: N/A

Original Address of Home/Trailer/RV 100 Firehouse Lane  
Reason for request ☐ Loss during wildfire ☐ Other Loss \_\_\_\_\_  
Comments: I am the executor/Caretaker of my parents. They are considered snowbirds and spend their winters in Arizona. My Stepfather has early signs of Dementia and is disturbed if he is out of his norm including living. They come back to Shady Cove every April or last few days of March to adress their Healthcare needs. My mom may need a knee  
a knee replacement and my stepdad is not capable to take care of her. My job has given me the option of Teleworking to provide for her care. We will not know until x-rays. They will also do their chiropractic care here in Shady Cove  
Insurance Carrier: \_\_\_\_\_ Coverage: \_\_\_\_\_

Medicare with supplemental Blue Shield Blue Cross

Please comment of future use or electricity, disposition of grey water, contact with neighboring property owners, number of occupants of RV/Trailer  
As far as grey water they dump at the local gas station, but they will use as always my home shower and  
bathroom facilities. They will primarily just sleep and or watch TV in their motorhome. The Motorhome does not effect any neighbors or businesses as I have asked.

Please comment on what steps have been taken to obtain permanent housing?

The motorhome is their permanent housing and I am the only reliable family they have

My parents are very supportive in the community of Shady Cove by using the local Chiropracter stores, salons, and harware store. My mother is a Native to Southern Oregon.

This application for temporary use of a RV or Travel Trailer as a temporary residence while remodeling an existing dwelling or construction of a new dwelling or due to loss of home due to wildfire. This is subject to the following conditions and is only permitted with those standards set forth in Municipal Code

1. Only one RV or travel trailer may be permitted on the subject property.
2. The RV or travel trailer can only be occupied by the displaced person/family temporary use permit shall only be considered if the property owner has agreed in writing.
3. The permit is effective for \_\_\_ days, with possibility of one \_\_\_ day extension
4. The Temporary use permit shall be limited to a maximum period of \_\_\_ days.

5. The RV must be removed or properly stored and disconnected from water and sewer systems no more than 7 days after the expiration of the Temporary Use Permit.
6. Connection to water, electric, and/or sewer systems shall constitute prima facie evidence of occupancy of the RV or travel trailer
7. Permit is site specific and non-transferable.

I hereby certify that the contents of this application are correct and do assume responsibility for all applicable laws, ordinances, and codes and agree to comply with the conditions of this permit. I further understand that this permit does not negate any building inspection or other compliance issues.

Applicant Signature: Donna L Janelli

Date: 3/30/2022

Property Owner Signature Katherine Raver

Date: 3/30/2022

Date Approved by City Council: \_\_\_\_\_

=====

**TO BE COMPLETED BY PLANNING:**

**Recreation Vehicle or Travel Trailer must be within the required setbacks.**

Front yard 20ft: \_\_\_\_\_ Side yard 5ft: \_\_\_\_\_ Side yard 5ft: \_\_\_\_\_ Back yard 10ft: \_\_\_\_\_

City Inspection Date: \_\_\_\_\_ Completed BY: \_\_\_\_\_

Approval date: \_\_\_\_\_

Extension Date: \_\_\_\_\_

Expiration: \_\_\_\_\_

Expiration: \_\_\_\_\_

Planner Sign Off \_\_\_\_\_

Date: \_\_\_\_\_

**Comments:**

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_



# Statement of Qualifications for the City of Shady Cove

2022 Water System  
Improvement Project

March 2022

**MEDFORD**

3553 Arrowhead Drive  
Suite 200  
Medford, OR 97504

P: 541.665.5233  
[www.rh2.com](http://www.rh2.com)



# Relevant Project Experience

## Firm Overview

Founded in 1978, RH2 is an innovative, full-service engineering firm specializing in public infrastructure related projects. Today, we have more than 100 professionals in nine offices throughout Oregon, Washington, and Idaho.

Our diverse skill set, together with our medium size, enables us to effectively adapt to the unique needs of our clients, while offering the advanced capabilities necessary to design and manage complex projects. Our staff includes licensed experts in: civil, mechanical, electrical, chemical, and structural engineering; geology, hydrogeology, and geotechnical engineering; SCADA and control system design and integration; water rights, wetlands delineation, environmental assessments, and permitting. RH2 is unique for a firm of our size in that we offer an extremely diverse and expansive team of engineering and science professionals who can provide the full range of services required for a typical municipal project or client. This allows us to deliver most projects without the added cost or external coordination of multiple subconsultants. We can quickly react to changes in scope or field conditions because our in-house technical experts can respond themselves.



## Areas of Expertise

### Municipal Engineering

- Conceptual Design and Master Planning
- Site Development and Analysis
- Peer Review and Value Engineering
- CIP Planning and Estimating
- Interagency Coordination and Permitting
- Construction Contract Administration and Observation

### Utility and Transportation Engineering

- Water, Sewer, and Storm Treatment, Pumping, Storage, and Pipelines
- Infrastructure Rehabilitation and Replacement Review
- Stormwater Engineering and Reports
- Utility Master Planning
- Hydraulic/Hydrological Modeling
- Emergency and Seismic Resiliency Planning
- Source Development and Water Rights
- Road, Bridge, and Trail Design
- Signal and Illumination Design
- Traffic Studies

### Structural Engineering

- Structural Design and Review
- Seismic Evaluation and Retrofit

### Electrical and Control

- Telemetry and SCADA Services
- HMI and PLC Programming
- Control System Design and Implementation
- Electrical and Standby Power Supply

### Environmental and Geologic Services

- Geologic and Hydrologic Services
- Dewatering and Infiltration Analysis
- Stream/Habitat Restoration
- Wetland Delineation and Biological Assessments
- Stormwater Reports and Facility Design
- Permitting

### Specialty Services

- Hydrant Flow Testing
- Condition Assessment and Asset Management
- Energy Efficiency and Vibration Analysis
- Corrosion Engineering and Cathodic Protection
- 3D Design and GIS



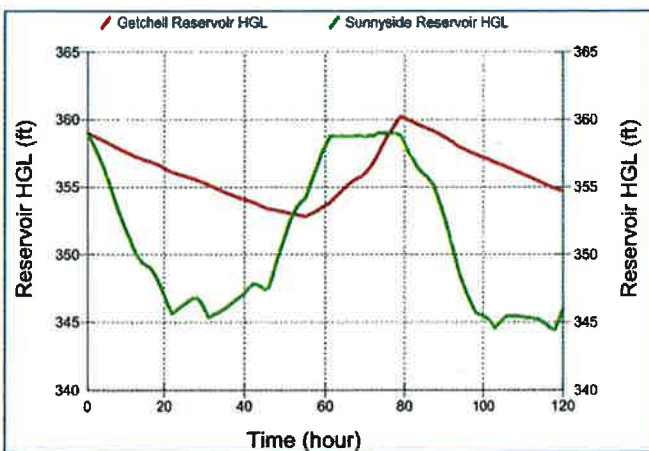
## Summary of Relevant Services

We have successfully assisted clients in all phases of water system improvement projects, from initial planning and design, through construction and startup. Our experience and understanding of the short- and long-term needs and goals of water systems allows us to deliver efficient and resilient projects of varying complexity, ranging from small pipe improvements, to new facility design, and complete water system upgrades.

### Hydraulic Modeling

Over the past several years, RH2 has made significant advances in water model analyses and calibration. Our state-of-the-art suite of system monitoring, hydrant flow equipment, and exclusive testing methods will give you absolute confidence in your model. Our engineers routinely employ these calibrated models to perform complex hydraulic analyses such as EPS, surge, optimization, and criticality analyses as needed to resolve complicated challenges.

RH2 employs the leading water system modeling experts in the Pacific Northwest. Our team has prepared and utilized countless water system models for our municipal clients to assist with the development of accurate and substantiated water capital project plans. RH2 utilizes one of the premier modeling softwares, WaterGEMS or InfoWater PRO, to analyze many water systems. The most valuable aspect of our team's modeling capabilities is that they each have the real-world experience to evaluate the data and analyze the results for the purposes of troubleshooting problem areas. This expertise and dedication to modeling is what sets RH2's hydraulic modeling capabilities far above our peers.



Extended period simulation modeling results

### Water Master Planning

Water master planning is a major practice area for RH2. Our clients include municipalities, publicly owned water districts, and private water systems. Some systems purchase water from regional suppliers, while others operate their own

independent ground or surface water sources. RH2's breadth and depth in water system planning makes us uniquely qualified and knowledgeable about all of the elements necessary to successfully prepare a water master plan.

### Water Distribution and Transmission Main Design

Water distribution and transmission main design is a core practice for RH2. Over the past 10 years alone, RH2 has worked with more than 70 water purveyors throughout Washington and Oregon, designing new and replacement water main ranging in size all the way up to 78 inches and in a variety of pipe material for a total of more than 160 miles.

We have developed specialized software which greatly improves the speed and accuracy with which our engineers complete pipeline designs. In fact, one of our largest pipeline projects included more than 78,000 feet of pipeline, ranging in size from 4 inches to 36 inches in diameter. In order to meet funding constraints and a truncated construction season, RH2 successfully completed the design in less than 9 months, including survey, design, environmental and right-of-way permitting, and easement acquisition.

We have an exceptional track record of accomplishing pipeline projects with minimal or no negative feedback from surrounding neighbors. Other common obstacles to pipeline projects are poor record drawings of the existing infrastructure and utilities that cannot be accurately located. To help reduce unknowns and minimize conflicts and risk, RH2 has adopted special techniques for identifying and categorizing subsurface utilities that are based on ASCE's Standard Guideline for the Collection and Depiction of Existing Subsurface Utility Data.



Installation of more than 2,500 LF of 16-inch waterline at Bear Creek. RH2 designed and provided construction contract administration and observation services for this on-call project for the City of Central Point.

## Booster Pump Stations

RH2 uses 3D AutoCAD as a design tool to build our facility projects as a digital model before the contractor builds it on the site. We conceptualize the design, analyze it, run simulated operations to ensure effectiveness, show it to the client and gain their input on final design, and monitor construction to make sure the booster pump station is built as intended.

A 3D CAD model creates photo-realistic images of the facility, and we can even walk you through it in a virtual environment. We also use the design drawings for our analytical models; therefore, we do not have to enter data to make changes for structural calculations, cost estimates, material quantities, etc. For our clients, this means lower costs and shorter design timelines.



RH2 was hired by the City of Florence to analyze and design improvements to the 31st Street/East Booster Pump Station to address pressure issues (water hammer) and fireflow deficiencies within the zone.

## Reservoirs

Municipal reservoir design is often considered a simple task that does not justify the expense of a detailed engineering design. However, we recommend that municipal reservoirs be designed by an experienced team comprising structural, mechanical, civil, and environmental engineers. The rewards of this approach are improved operator safety, lower maintenance and life-cycle costs, fewer construction change orders, environmentally friendly facilities, and increased attention to detail and water quality considerations.

## Water Quality and Treatment

RH2 has extensive experience improving potable water supply, and our wide range of expertise in water treatment facility development includes:

- Surface Water Filtration
- Direct Filtration
- Membranes
- Groundwater Filtration
- Arsenic
- Iron/Manganese
- Hydrogen Sulfide
- Chemical Feed
- Chlorination
- Fluoridation
- pH Adjustment
- Flocculation

Our treatment process design is performed by the same engineering team from conception to completion. Our approach typically consists of an alternatives analysis, technology life-cycle analysis, bench-scale water quality testing, pilot study, preliminary design, main design, and construction and operations assistance. An initial water quality assessment of the source allows us to determine the breadth of treatment required to fully meet all EPA Safe Drinking Water Act regulations. We conceptualize the process design, analyze options, confirm effectiveness, and present the designed facility to our client. Once the optimal treatment process has been selected and approved by the client and the Oregon Health Authority (OHA), RH2 uses AutoCAD to build the facility as a computerized model prior to construction.

We develop treatment facilities models in true spatial 3D. As a result, we can create nearly photo-realistic images of the facility, and even walk the client through the facility in a virtual environment. This lets system operators familiarize themselves with the proposed design and recommend changes early on in the project.



The Rainbow Water District retained RH2 to provide planning, design, and construction services for the Chase Wellfield water treatment plant.



Once the design is complete, our engineering design team typically oversees construction, startup, and operation of the facility. Using the facility designers in the field as construction observers helps to minimize change orders and allows any discrepancies to be resolved efficiently. RH2 is also closely involved in startup and testing of the facility to check that all of the process unit operations are functioning correctly, the overall facility is meeting the design intent, and the operators are fully trained on the correct and safe operation of the facility.

RH2's comprehensive approach, from conception through completion, allows for a smooth transition between all stages of the project. The result is a successful project for our client and safe drinking water for their customers.

## Corrosion Control

RH2 has industry leading experts that can assess your system infrastructure and provide solutions that extend its life expectancy. This includes pipeline protection design, tank cathodic protection design, condition analysis, coatings and linings, electric rail systems and utilities, and specialty testing.



RH2 assisted with replacing and upgrading the corrosion protection system for the two water supply transmission mains between the City of Roseburg's water treatment plant in Winchester, Oregon, and their primary storage reservoirs near Bellview Court located in north Roseburg.

## Electrical System Design

Our electrical and control team represents a leading force in the Pacific Northwest for water utilities. Our senior engineers have more than 100 years of combined practical experience in the municipal electrical and control industry.

### Facility Electrical Design

RH2's electrical engineering group has worked on all types of water system facilities, including booster pump stations and water treatment plants. RH2 is familiar with all aspects of facility electrical and control design, including power supply,

power distribution, electrical site design, motor control, standby power, instrumentation, lighting, communications, and telemetry/SCADA. Our detailed approach to preparing electrical plans is consistently praised by electrical contractors during construction for being easy to read and properly detailed, which helps them to effectively bid and construct the project.

### Standby Power System Design

Our electrical team has designed standby power systems for all types of facilities, including water, wastewater, fire stations, office buildings, commercial developments, and government buildings. RH2's standby power analysis for facilities includes a thorough review of the electrical loads at the facility to ensure that all electrical load is accounted for and included in the sizing of the standby power system.

As part of our analysis and design approach, we also review important aspects of the standby-power system, including fuel selection and storage, noise restrictions, exhaust systems, and ventilation. RH2 is experienced with coordinating with fire marshals and city and county reviewers.




The City of Roseburg hired RH2 to evaluate the alternatives and installation requirements for installing standby power generators at several of the City's water facilities.

### Power System Analysis

In addition to electrical and control design, RH2 has experience with analyzing power systems, electrical equipment condition assessments, performing electrical studies, real-time power monitoring, and power quality review. Electrical studies that RH2 performs include short circuit, protective device coordination, and arc flash hazard studies. These types of studies can be completed on a facility by facility or system-wide basis. RH2 owns and operates power monitoring equipment that can be used to monitor and log power usage and power quality issues in real time.

## Representative Project Experience

Water system planning and design are major components of RH2's consulting practice. Our breadth and depth of experience makes us uniquely qualified to successfully complete the engineering design for the City's upcoming water system improvement projects. As shown in the following chart, our team has completed numerous projects that included similar key elements as your project. In the following pages you will find project descriptions, with project details and references, for a number of these projects.

Project Name, Client	Services
Rapp Road Reservoir, City of Talent	   
Master Services Agreement for Professional Engineering and Permitting Services, City of Grants Pass	   
Standby Generator Evaluation, City of Roseburg	   
Water Treatment Plant Standby Generator, City of Roseburg	   
TAP Emergency Intertie Transmission Main and Booster Pump Station, City of Ashland	     
TAP Water Master Plan, Cities of Talent, Ashland, and Phoenix	 
Coleman Creek TAP Waterline Relocation, City of Talent	
Portland Metro Regional Disaster Preparedness Organization (RDPO) Emergency Water Response Plan Framework, RDPO/City of Portland	
Stewart Lenox Waterline Improvements, City of Klamath Falls	
South Church Street/Luman Road Waterlines, City of Phoenix	
Pine Street Waterline, City of Central Point	
Laurel Street Waterline, City of Central Point	
Dobrot Way Waterline, City of Central Point	
Water Master Plan, City of Talent	 
Water Management and Conservation Plan, City of Talent	  
AWIA Risk and Resilience Assessment and Emergency Response Plan, City of Talent	 
Seismic Resilience Plan, City of Talent	  
Water Master Plan, City of Ashland	 
Water Master Plan, City of Phoenix	 
Water Management and Conservation Plan, City of Phoenix	  
Seismic Resilience Plan, City of Phoenix	  
AWIA Risk and Resilience Assessment and Emergency Response Plan, City of Phoenix	 
Water Management and Conservation Plan Progress Report, City of Roseburg	  
AWIA Risk and Resilience Assessment and Emergency Response Plan, City of Roseburg	 
2020 Capital Improvements Plan Update, City of Phoenix	  

 Water System Design
  Pump Station Rehabilitation/Design
  Civil
  Structural
  Electrical
  Stormwater  
 SCADA
  Seismic
  Geotechnical
  Streets
  Water Planning
  Hydraulic Modeling
  Water Rights Strategy  
 Water Conservation
  Risk Assessment





# Water Master Plan, Water Management and Conservation Plan, and Seismic Risk Assessment and Mitigation Plan

City of Talent

## Key Elements

- Policy Development
- Model Calibration
- Storage Analysis
- Fire Flow Analysis
- Capital Improvement Plan
- Financial Analysis
- Seismic Risk Assessment
- Water Rights Analysis



The City of Talent hired RH2's planning team to prepare three subsequent planning documents beginning in 2017. RH2 first prepared a Water Master Plan (WMP), including building and calibrating their hydraulic model, developing detailed water demand projections based on areas of growth, evaluating pumping and storage capacity, reviewing service policies, and developing a defensible, affordable CIP. We worked closely with public works staff to understand their specific operational and management concerns and focused our solutions to meet their needs. This plan was presented to the City Council, which adopted it in 2019.

RH2 also prepared a Seismic Risk Assessment and Mitigation Plan to meet the Oregon Health Authority Drinking Water Program requirements. Service goals and performance objectives for the selected types of earthquake events were initially established to drive recommended facility improvements. RH2 employed industry standard resilience assessment methods for our structural evaluations of pipes, reservoirs, and pump stations. For the reservoirs, our assessments addressed foundation anchoring, structural supports, wave sloshing height, and roof anchoring. Our recommendations were tailored to meet the performance objectives for the critical reservoirs and included adding inlet/outlet pipe flexibility and incorporating the ShakeAlert earthquake early warning system. RH2 prepared cost estimates and a prioritized Seismic Capital Improvement Plan to address all identified seismic deficiencies.

## Client Contact

Bret Marshall  
Public Works Director  
541.535.3828  
bmarshall@cityoftalent.org

## Project Team

Jeff Ballard PE  
Hannah Farris PE

## Completion Date

2019

Additionally, RH2 performed a Water Management and Conservation Plan (WMCP) for the City to capture its potential need for greenlight water. RH2 evaluated the City's water rights, conservation strategies, and supply options to prepare a WMCP that met all Oregon Water Resources Department requirements.



# Water Master Plan, Water Management and Conservation Plan, Water System Seismic Resilience Plan

City of Phoenix

## Key Elements

- Demand Projections
- Water Management and Conservation Plan
- Seismic Resilience Planning
- Meeting State Requirements
- Grant Procurement

RH2 updated the City of Phoenix's Water Master Plan (WMP) and Water Management and Conservation Plan (WMCP) to meet state requirements, and provide a detailed planning strategy for capital investments for the next 20 years. Our work on the WMP included updating the City's GIS and hydraulic model, working with planning staff to capture the full range of potential future growth and associated demands, evaluating the City's long-term supply strategy, assessing reservoir integrity, and evaluating capacity of its infrastructure. We assisted the City in considering a lower storage volume criterion widely used in Washington that delayed the need for a new tank by ten years.

The resulting Capital Improvement Plan (CIP) includes details such as what projects should be paid directly by developers and what projects are system development charge (SDC) eligible. The WMCP was a simple follow-up to the WMP and includes updated water conservation goals to meet state requirements while not imposing an undue burden on the City or its customers.

As part of the new state requirements, RH2 prepared a joint Seismic Resilience Mitigation Plan for the Cities of Phoenix and Talent that was submitted with both of their WMPs. RH2 assisted both cities in obtaining grants to cover the costs for these studies.

## Client Contact

Eric Swanson  
City Manager  
541.535.1955  
[eric.swanson@phoenixoregon.gov](mailto:eric.swanson@phoenixoregon.gov)

## Project Team

Rick Ballard PE  
Jeff Ballard PE  
Hannah Farris PE

## Completion Date

Water Master Plan and Water System Seismic Resilience Plan: June 2020

Water Management and Conservation Plan: September 2020





# TAP Emergency Intertie Transmission Main and Booster Pump Station

City of Ashland

## Key Elements

- Water System Planning
- Pipeline Design
- Pump Station Design
- Electrical, Instrumentation, and Controls
- Fast-Tracked Schedule
- Hydraulic Modeling and Surge Analysis
- Disinfection System Design
- Environmental Permitting
- Construction Contract Administration and Observation



Anticipating that their existing water supply may become inadequate due to the severity of the drought in 2013, the City of Ashland took steps to move forward with the Talent Ashland Phoenix (TAP) connection to provide emergency water in case their existing sources were unable to meet the water demands of the City. In March of 2014, RH2 was retained to develop the design and construction necessary to address this urgent issue by late summer of that same year—compressing a project that would normally span two years into only five months. An extraordinary amount of coordination and planning was required to complete the design and construction of 15,000 LF of transmission pipeline, upgrades to the existing pump stations in the cities of Phoenix and Talent, and a new temporary pump station in Ashland.

An in-house team of 30 experts in project management, design, and hydraulic analysis allowed RH2 to complete the project on schedule and budget, by adopting an agile design approach allowing the construction of each phase of the project to begin as soon as the design was completed.

While the City assumed they would only achieve a temporary solution to their emergency water supply problem, RH2 endeavored to create a solution that not only addressed the immediate need, but also future expansion. With the exception of the temporary pump station, the approach and materials selected for the project provided long-term capacity, ensuring the ongoing value of the significant investment being made.

Significant elements of the project included construction management and acting as the owner's representative. RH2's work included the coordination and administration of multiple contractors, materials suppliers, system commissioning, testing, and start up.

## Client Contact

Scott Fleury PE  
Engineering Services Manager  
541.552.2412  
fleury@ashland.or.us

## Project Team

Jeff Ballard PE  
Kyle Pettibone PE  
Rick Ballard PE  
Dennis Kessler PE  
Kris Lillie PE  
Justin Barrow PE  
Michele Campbell PE  
Chris Roberts PE  
Mark Braaksma PE

## Completion Date

2014

Relevant Project Experience



# Rapp Road Reservoir

## City of Talent

### Key Elements

- Water Storage
- Tank Alternatives
- IFA Funding
- Pipeline Design

The City of Talent needed to construct a new reservoir at its Rapp Road site to replace the storage volume lost by existing reservoirs that had operational and structural deficiencies. The site was evaluated, recommended, and purchased in 2011. Through previous planning efforts completed by RH2, the following aspects of this project were decided by the City.

The proposed reservoir was to be an American Water Works Association Type 1 prestressed concrete tank with a storage volume of 2 MG. RH2 evaluated life cycle-costs for numerous types of tanks for this project and the City concluded that they would prefer higher upfront costs with lower long-term costs over the life of the facility. The project also included 3,600 LF of 16-inch-diameter water main connecting the new tank to the existing system.

The project was programmed to be bid in two separate phases to expand the bidder pool and get the best prices. The waterline portion of the project, which included crossing a Bureau of Reclamation operated irrigation canal and boring underneath the railroad, was completed on schedule with zero change orders for the project. The tank was bid in the spring of 2019 and included an extended construction window to give greater construction flexibility for the limited tank contractors in the state and increase the likelihood of good pricing. Construction was completed in 2021.

### Client Contact

Bret Marshall  
Public Works Director  
541.535.3828  
bmarshall@cityoftalent.org

### Project Team

Rick Ballard PE  
Jeff Ballard PE  
Kris Lillie PE  
Jon Conner PE, SE  
Chris Roberts PE  
Kesang Sherpa EIT  
Steve Nelson RG, CEG  
Casey Stribling EIT

### Completion Date

2021

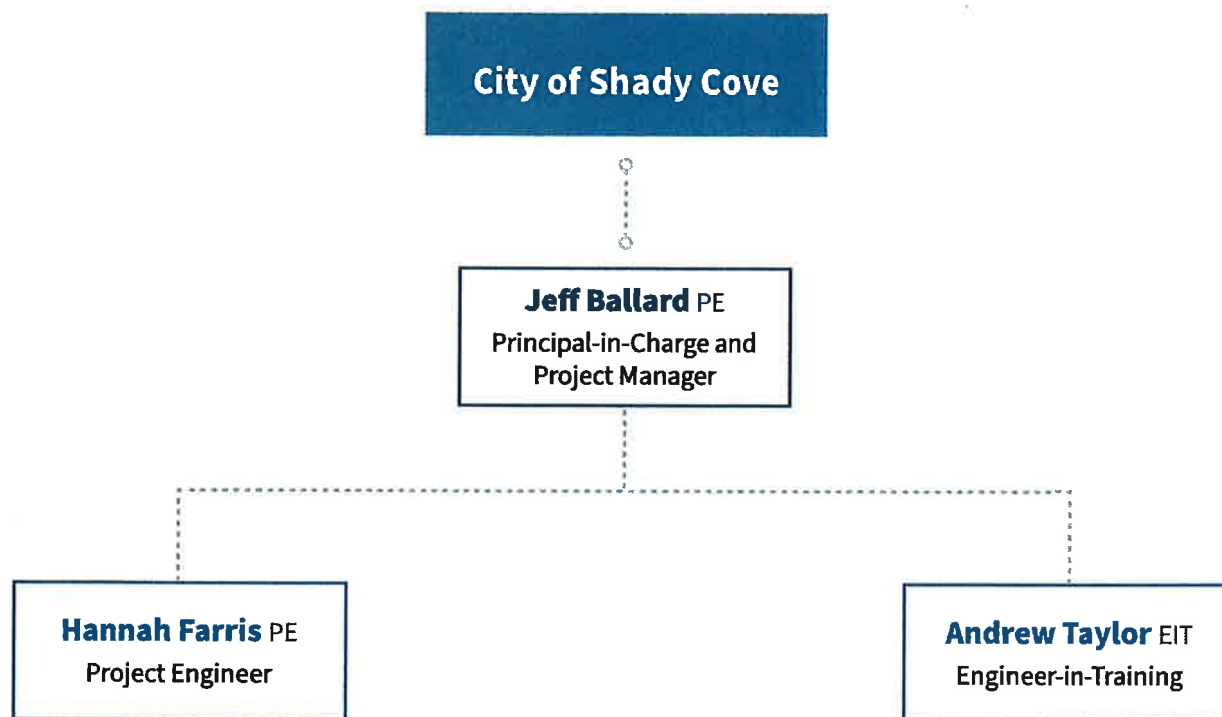
# Key Personnel Experience



## Organizational Structure

RH2's team of highly qualified professionals not only specialize in water planning and design, but also have a reputation for excellence. Our team has an impressive history of successfully completing projects on time and within budget, and are committed to providing you with an expert team with exceptional communication skills. Over the years, we have learned to find the right balance between documentation, communication, and decision making. We understand when to involve the client, how to make supportable decisions without delaying the design process, how to provide documentation without losing efficiency and organization, and how to focus on technical and complicated issues while maintaining a thorough and comprehensive design experience.

Our team members have worked side-by-side with each other on many similar projects, bringing familiarity and efficiency to our team. RH2's goal in staffing any project is to provide a dedicated team from conceptual planning through construction. The following illustrates the organization of our team, including the roles of the key personnel who are available to assist with this project. If the need arises, the RH2 team has additional lead personnel who are available to add breadth of expertise and redundant support to help meet this schedule.





## Resume Summaries

The remainder of this section details each team member's role for these projects and summarizes their experience. Detailed resumes with information about their qualifications and work on similar efforts are provided in the [Appendix](#). We are confident this team can deliver successful projects to the City of Shady Cove.



**Jeff Ballard** PE

### Principal-in-Charge and Project Manager

Jeff has 21 years of experience in municipal design engineering and construction management. He manages RH2's southern Oregon design staff, and works with our project engineers to meet the goals and requirements of the local jurisdictions. Jeff is creative, and strives to implement innovative ideas and construction practices that do not accrue additional costs.

Over the past 17 years, Jeff has worked collaboratively with Oregon cities to meet their engineering needs. As the contract City Engineer for three cities, he recognized the need to make use of available funding from grants and loans, and to design projects that are compatible with funding limitations and meet the needs of the community. His creative approach to funding, which utilizes his understanding of city finances and state laws, enables him to take advantage of available funding to complete projects in ways that most engineers cannot accomplish. This work takes a strong relationship between public works, city finance, and engineering staff.

Through this experience, Jeff has gained an appreciation for the challenges faced by many small cities. Representing smaller communities requires specialized expertise, and Jeff possesses the necessary skills to represent cities in any public works related matter. He takes pride in understanding individual city goals and developing ways to meet those goals in a collaborative, cost-effective manner.



**Hannah Farris** PE

### Project Engineer

Hannah has 11 years of experience in the analysis and design of water distribution systems. Her career at RH2 has been focused on water master planning and water conservation planning. She is experienced with field condition assessments and construction observation of water mains, and assessment of water distribution infrastructure. Hannah's responsibilities have included hydraulic modeling, CAD design, water master planning, water conservation planning, seismic resilience assessments, and construction observation. Her previous experience involved mostly design work, but recently she has taken on more planning projects. Prior to joining RH2, Hannah worked for five years in the tunneling industry analyzing, designing, and working to rehabilitate water, sewer, rail, and vehicular tunnels.



**Andrew Taylor** EIT

### Engineer-in-Training

Andrew recently joined RH2 as an engineer-in-training, supporting our civil and mechanical disciplines in our Medford office. He specializes in water, wastewater, and stormwater systems, and maintains a strong interest in networking and computing. He is proficient with both AutoCAD and Civil 3D, and has prior experience with Finite Element Analysis and Computational Fluid Dynamics using Star CCM+. Andrew is currently assisting with various utility improvement projects for several small cities in southern Oregon.

Prior to joining RH2, Andrew worked for the City of Merrill's Public Works Department as a maintenance assistant. During this time, he learned about the complexities of water, wastewater, and stormwater systems, as well as other public facilities and utilities. He gained important background experience in the planning and implementation of these systems, and valuable insight into what makes a city run successfully. This work provided Andrew with a unique perspective, enabling him to develop new ideas and tailored designs for our clients.

# References



**At RH2, we pride ourselves on the quality of our client relationships. While we understand the importance of successfully completing each individual project, we strive to provide value beyond the single effort and develop strong working relationships with our clients and their staff.**

With more than 80 percent of our projects stemming from repeat clients, many whom have selected RH2 to provide these services for decades, we feel that this is a testament to the quality of service we provide. We invite you to contact the following references to discuss our work.

## **City of Talent**

Bret Marshall  
Public Works Director  
541.535.3828  
[bmarshall@cityoftalent.org](mailto:bmarshall@cityoftalent.org)

## **City of Central Point**

Matt Samitore  
Parks and Public Works Director  
541.664.3321  
[matt.Samitore@centralpointoregon.gov](mailto:matt.Samitore@centralpointoregon.gov)

## **City of Phoenix**

Eric Swanson  
City Manager  
541.535.1955  
[eric.swanson@phoenixoregon.gov](mailto:eric.swanson@phoenixoregon.gov)

## **City of Eagle Point**

Aaron Prunty  
City Administrator  
541.826.4212 x107  
[aaron@cityofeaglepoint.org](mailto:aaron@cityofeaglepoint.org)

## **City of Grants Pass**

Jason Canady  
Public Works Director  
541.450.6110  
[jcanady@grantspassoregon.gov](mailto:jcanady@grantspassoregon.gov)

# Availability



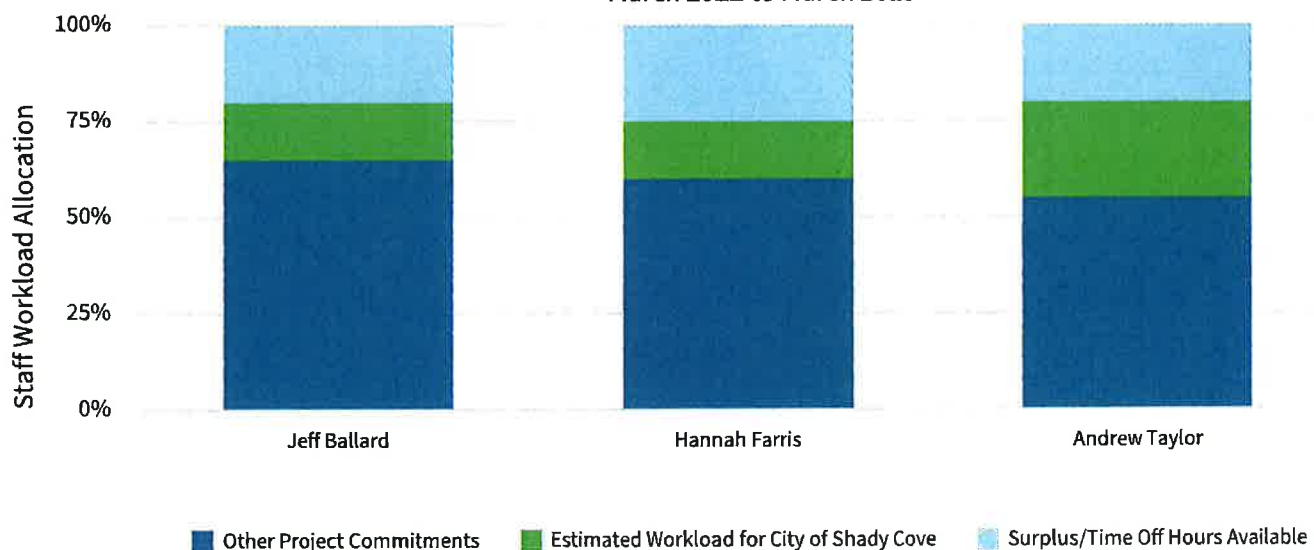
## Project Team Availability

We maintain a staff resourcing program to track and schedule project workloads. This program enables us to understand what the workload of each staff member looks like in both the short and long terms and to make planning decisions accordingly. Project managers and principals-in-charge work together to make sure high priority and time sensitive projects are adequately staffed to meet client expectations.

To comply with project schedules and budgets, project managers also review output from our advanced accounting system at least monthly, and more frequently as needed. Employee-specific hourly work descriptions, workloads, budgets and schedules are monitored through project management reports that are distributed by email from our accounting department. These reports are kept current through RH2's centralized computerized time-keeping system that is updated every Monday morning. Current levels of effort and budget status can also be printed on demand. Comparing the work completed to the scope tasks allows the project managers to provide accurate estimates of work to complete. Additionally, the project manager interacts with the team on a daily basis, and frequently reviews and evaluates the work that is accomplished.

### Key Project Staff Availability

March 2022 to March 2023







## Jeff Ballard PE

### Principal-in-Charge and Project Manager



Jeff has 21 years of experience in municipal design engineering and construction management. He manages RH2's southern Oregon design staff, and works with our project engineers to meet the goals and requirements of the local jurisdictions. Jeff is creative, and strives to implement innovative ideas and construction practices that do not accrue additional costs.

Over the past 17 years, Jeff has worked collaboratively with Oregon cities to meet their engineering needs. As the contract City Engineer for three cities, he recognized the need to make use of available funding from grants and loans, and to design projects that are compatible with funding limitations and meet the needs of the community. His creative approach to funding, which utilizes his understanding of city finances and state laws, enables him to take advantage of available funding to complete projects in ways that most engineers cannot accomplish. This work takes a strong relationship between public works, city finance, and engineering staff.

Through this experience, Jeff has gained an appreciation for the challenges faced by many small cities. Representing smaller communities requires specialized expertise, and Jeff possesses the necessary skills to represent cities in any public works related matter. He takes pride in understanding individual city goals and developing ways to meet those goals in a collaborative, cost-effective manner.

### Representative Project Experience

- TAP Waterline Project, City of Ashland
- General Engineering Services, City of Phoenix
- General Engineering Services, City of Talent
- General Engineering Services, City of Central Point
- Water Master Plan Update and O&M Update (2020), City of Ashland
- Twin Creeks Rail Crossing, Oregon Department of Transportation
- Lift Station No. 8 Replacement, City of Coos Bay
- Fern Valley Interchange, City of Phoenix
- East and West Forks Raw Water Transmission Line Rehabilitation, City of Ashland
- GPID Sand Creek Temporary Repair, Gerlitz Engineering Consultants
- General Engineering Services, City of Phoenix
- Highway 101 Sewer Improvements Project, City of Florence
- Rapp Road Reservoir, City of Talent
- Rhododendron Drive Realignment, City of Florence
- B Street Waterline and Pavement Improvements, City of Phoenix
- Oregon Hills Detention/Water Quality Facility, City of Medford
- Pelican City Booster Pump Station, Phase III, City of Klamath Falls
- Plaza Road and 4th Street Infrastructure Improvements, Phoenix Urban Renewal Agency
- Wisconsin Booster Pump Station Improvements, Coos Bay-North Bend Water Board

### Education

BS Civil Engineering  
Oregon Institute of  
Technology 2001

### Registrations

Professional Engineer  
79543PE (OR)

### Affiliations

American Council of  
Engineering Companies

American Membrane  
Technology Association

American Public  
Works Association

American Water  
Works Association

Professional Engineers  
of Oregon

Rogue River  
Watershed Council

### Experience

21 years of experience  
17 years at RH2



# Hannah Farris PE

## Project Engineer



Hannah has 11 years of experience in the analysis and design of water distribution systems. Her career at RH2 has been focused on water master planning and water conservation planning. She is experienced with field condition assessments and construction observation of water mains, and assessment of water distribution infrastructure. Hannah's responsibilities have included hydraulic modeling, CAD design, water master planning, water conservation planning, seismic resilience assessments, and construction observation. Her previous experience involved mostly design work, but recently she has taken on more planning projects. Prior to joining RH2, Hannah worked for five years in the tunneling industry analyzing, designing, and working to rehabilitate water, sewer, rail, and vehicular tunnels.

### Representative Project Experience

- Water Service Transfer Program Manager, City of Beaverton
- Water Master Plan Update (2020), City of Phoenix
- AWIA Risk and Resilience Assessment and Emergency Response Plan (2022\*), City of Grants Pass
- Water Master Plan Update (2019), City of Talent
- Waterline Crossing Interstate 5, City of Grants Pass
- TAP Water Master Plan (2020), Talent-Ashland-Phoenix Group
- South Church Street/Luman Road Waterlines, City of Phoenix
- Water Management and Conservation Plan (2019), City of Roseburg
- Stewart Lenox Waterline Improvements, City of Klamath Falls
- Meadow Wood Reservoir Siting Study, City of Grants Pass
- Water Master Plan Update and O&M Update (2020), City of Ashland
- Comprehensive Sanitary Sewer Collection System, City of Ashland
- Hydraulic Model Maintenance, City of Grants Pass
- General Engineering Services, City of Grants Pass
- General Engineering Services, City of Central Point
- Rapp Road Pedestrian Route and Bridge Improvements, City of Talent
- Texum Effluent Disposal Design and Permitting Services, South Suburban Sanitary District
- AWIA Risk and Resilience Assessment and Emergency Response Plan (2022\*), City of Roseburg
- Water Treatment Plant Chlorination Improvements Services During Construction, City of Roseburg
- Redwood Infrastructure Evaluation, City of Grants Pass
- AWIA Risk and Resilience Assessment and Emergency Response Plan (2021), City of Talent
- Gas Piping Improvements Design, City of Medford
- Water Master Plan and Water Management and Conservation Plan (2020), City of Talent

\*In progress

### Education

BS Civil Engineering  
Illinois Institute of  
Technology  
2011

### Registrations

Professional Engineer  
95092PE (OR)

### Experience

11 years of experience  
5 years at RH2



# Andrew Taylor EIT

## Engineer-in-Training



Andrew recently joined RH2 as an engineer-in-training, supporting our civil and mechanical disciplines in our Medford office. He specializes in water, wastewater, and stormwater systems, and maintains a strong interest in networking and computing. He is proficient with both AutoCAD and Civil 3D, and has prior experience with Finite Element Analysis and Computational Fluid Dynamics using Star CCM+. Andrew is currently assisting with various utility improvement projects for several small cities in southern Oregon.

Prior to joining RH2, Andrew worked for the City of Merrill's Public Works Department as a maintenance assistant. During this time, he learned about the complexities of water, wastewater, and stormwater systems, as well as other public facilities and utilities. He gained important background experience in the planning and implementation of these systems, and valuable insight into what makes a city run successfully. This work provided Andrew with a unique perspective, enabling him to develop new ideas and tailored designs for our clients.

### Representative Project Experience

- Beacon Drive Waterline Replacement, City of Grants Pass
- General Engineering Services, City of Central Point
- Regional Water Reclamation Facility Water Service Upgrade, City of Medford
- Coleman Creek TAP Waterline Relocation, City of Talent
- Rapp Road Reservoir, City of Talent
- Laurel Street Waterline Replacement 4th to 9th Streets, City of Central Point
- East and West Fork Bridge and Piping, City of Ashland
- Highway 99 Modifications Phase II, City of Phoenix
- Water Treatment Plant Standby Generator, City of Roseburg
- Highway 99 Streetscape Project, City of Central Point
- Gebhard Road to New Jackson County Stormwater Outfall, City of Central Point
- Highway 101 Sewer Improvements Project, City of Florence
- B Street Waterline and Pavement Improvements, City of Phoenix
- Rhododendron Drive Realignment Design, City of Florence
- Oregon Hills Detention/Water Quality Facility, City of Medford
- Highway 126 Utility Extensions, City of Florence
- Dunn Sewer Pump Station Pump Replacement Project, Rogue Valley Sewer Services
- General Engineering Services, City of Phoenix

### Education

BS Mechanical Engineering  
Oregon Institute of  
Technology 2020

### Registrations

Engineer-in-Training  
96531EI (OR)

### Training/Certification

Certified SOLIDWORKS  
Associate

### Experience

2 years of experience  
2 years at RH2