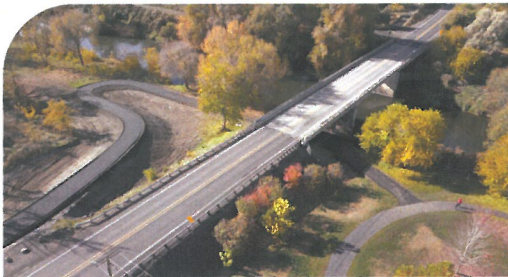


# MISCELLANEOUS ENGINEERING SERVICES

SUBMITTED TO:

City of Hermiston



## Contact:

Chas Hutchins, P.E.  
P.O. Box 1107  
La Grande, OR 97850  
541-963-8309  
[chutchins@andersonperry.com](mailto:chutchins@andersonperry.com)

**anderson  
perry**



June 9, 2020

City of Hermiston  
Attn: Mark Morgan, Assistant City Manager  
215 E. Gladys Avenue  
Hermiston, Oregon 97838

RE: Request for Proposals for Miscellaneous Engineering Services

Dear Mark:

Anderson Perry & Associates, Inc. (AP) is excited to offer this proposal to continue providing miscellaneous engineering services to the City of Hermiston. We have enjoyed developing solid relationships and working closely with Hermiston staff for the past five years, providing the same services outlined in your Request for Proposals. As you are aware, we are very familiar with your staff, systems, and future goals, which will allow us to continue providing responsive, comprehensive, and high quality engineering expertise to the City.

The City of Hermiston is one of the fastest growing and most forward-thinking cities in Eastern Oregon. The City's willingness to be creative, innovative, and professional has made Hermiston very attractive to industries and families looking for a good place to live and work. Your approach to using a local consulting firm to meet your engineering needs is a good example of the City staff's forward thinking. By utilizing AP as your City Engineer, Hermiston has been able to tap into 26 licensed engineers—including three who work in our Hermiston office—more than 400 years of combined engineering experience. When coupled with City staff, this gives Hermiston the most robust and extensive engineering department in Eastern Oregon and the technical foundation to respond to the City's growth and development.

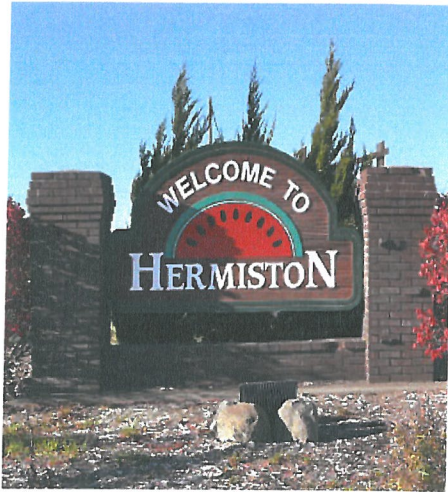
As your engineer, we commit not only to continue providing responsive technical expertise and engineering services, but also to work day in and day out with you, your constituents, and regulatory/funding agencies to help the City meet your goals and objectives. We appreciate your consideration of our proposal and we look forward to continuing our working relationship with Hermiston. As a firm principal, I am legally authorized to bind our proposal.

Sincerely,

ANDERSON PERRY & ASSOCIATES, INC.

By   
Chas Hutchins, P.E., Principal  
chutchins@andersonperry.com

## GENERAL INFORMATION



Hermiston is a bustling city located at the crossroads of the Northwest with rich traditions, hardworking citizens, and devoted City staff. For the past five years, AP has been a partner at your side, assisting you with progressing toward your goal of providing safe and efficient infrastructure to keep your local economy humming. Our track record of planning, engineering, and executing successful projects in Hermiston gives AP an unmatched institutional knowledge of your project needs and your preferences for workflows.

### Understanding of Work to be Performed

The City of Hermiston is seeking to hire a consulting firm to provide general engineering services for day-to-day issues and task-based services for specific projects. The Request for Proposals clearly outlines the potential scope of services the consultant will be expected to provide, including planning, design, and construction management for water, sewer, and street projects; cost estimating; plan reviews for developments; and other general city engineering tasks.

AP has been providing these same services to the City of Hermiston for the past five years, so we thoroughly understand what the City requires for this contract. AP understands the workload, deadlines, and budgetary challenges your City faces day to day. We serve as an extension of your staff to provide a broad spectrum of municipal and specialty expertise—guiding you through each step, from funding and planning to design and construction. Our mission is to provide on-time/on-budget delivery of projects, at the highest level of quality, and with minimal disruptions in the project development cycle.

Over the past five years, AP has been actively involved in helping develop a roadmap for capital improvement projects for the City's recycled water, street, and water departments. In 2019, we prepared a Water System Master Plan and Water Management and Conservation Plan to analyze a 20-year forecast for water infrastructure, storage, and supply needs along with water rights needs. AP is in the process of completing the City's Sanitary Sewer Collection System Study, and we have recently begun to prepare a Stormwater System Plan. Based on evaluations from these studies, the City will have a clear picture of capital improvement needs for the next 20 years, and an update to the Plan will be completed at the end of 2020 to prioritize short- and long-term projects. The projects will be primarily funded from the respective utility funds for which rates were adjusted in 2019 based on a Utility Rate Study prepared by AP in 2018. City



## GENERAL INFORMATION

staff have been integral in helping prepare these studies and plans, and all involved are committed to the proposed improvements for the foreseeable future.

### Developed Relationships with City Staff

During the time that AP has served as the City's Engineer of Record, AP has developed close working relationships with various City staff including the water, recycled water, and street superintendents, City managers, planning department, parks department, and various other staff members. Our proposed contract manager, Chas Hutchins, regularly attends development meetings, project coordination meetings, work sessions, public infrastructure committee meetings, council meetings, and internal coordination meetings with City staff. Chas spends two days per week in Hermiston and is in contact almost daily with various City staff. AP also has a second engineer in Hermiston two days a week, and a third engineer permanently stationed in our Hermiston office to help meet the needs of the City.

In many regards, Chas acts as the project manager for various projects and uses the diverse staff at AP to meet the City's individual project needs. Through this process, the City has come to know and work with more than a dozen engineers and project managers at AP. This working relationship has allowed the City and AP to work closely to efficiently and effectively meet many of the City's needs.



AP's GIS technicians work with Hermiston staff on a GIS system implementation.

### Ability to Expeditiously Respond

Responsiveness and personal service have been the key to our success in serving the City of Hermiston over the past five years. To facilitate this, AP opened an office across from City Hall in 2017, and we now have staff in Hermiston five days a week. We also have many active projects in communities around Hermiston. This proximity to the City has allowed us to excel in responsiveness and to work face-to-face with City staff, contractors, residents, and business owners to provide a high level of service without wasting valuable budget dollars on travel.



## GENERAL INFORMATION

### About AP

AP is a full-service civil engineering, surveying, natural resources, and GIS firm with 90 employees and offices in La Grande, Hermiston, and Redmond, Oregon, and Walla Walla, Washington. Founded in 1975, we specialize in assisting rural communities and organizations with planning, funding, surveying, engineering design, environmental/permitting, archaeological investigations, construction administration, construction engineering, and GIS services on a variety of public works projects.

### Excellence in Engineering



Since 2000, AP has been recognized by multiple national, regional, and statewide organizations for excellence in engineering. In 2019, AP was recognized by the American Council of Engineering Companies (ACEC) for engineering excellence in the design of the City of Prineville's wastewater system improvements project that utilized constructed wetlands for treated wastewater disposal. This prestigious award was noted as one of the **top 8 engineered projects in the world** completed by engineering firms across the United States. This project also received national recognition from the Environmental Protection Agency and National League of Cities, as well as being named ACEC Oregon's Project of the Year in 2018.

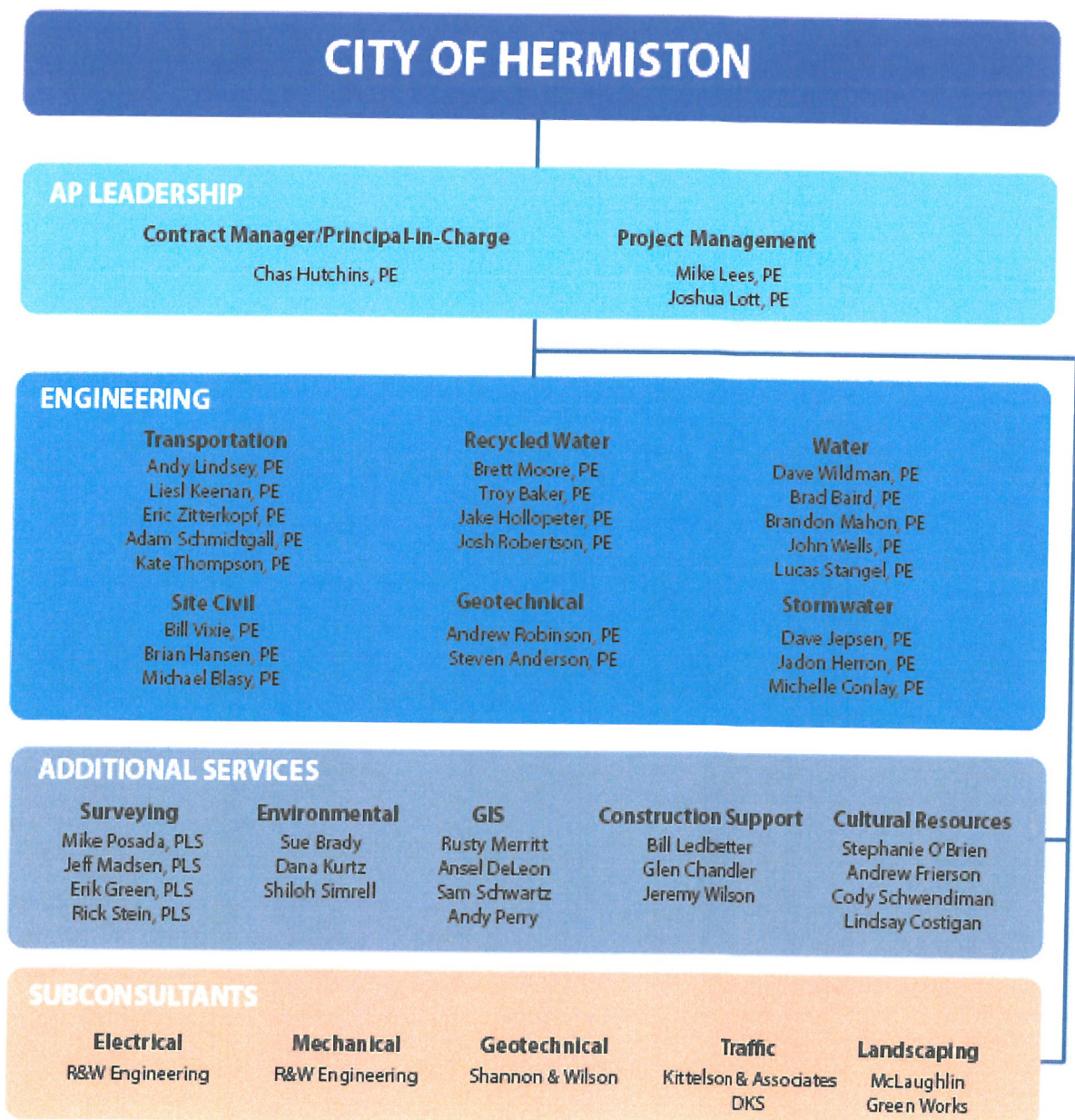
In 2020, AP was once again recognized with a national ACEC engineering excellence award for the Beaver Creek Dam fish passage improvements project for the City of La Grande. AP is one of only a handful of consulting firms from Oregon that has won not one, but two, national ACEC awards. In addition to the national ACEC awards, AP has received nine other Grand Awards from ACEC Oregon since 2004. AP projects have been recognized by multiple national, regional, and statewide organizations for excellence in engineering including the League of Oregon Cities, the Oregon Department of State Lands, the Pacific Northwest Clean Water Association, the American Water Works Association, and the Oregon Governor's office.



# PERSONNEL QUALIFICATIONS

## Full-Service Team

Our team includes engineers, surveyors, technicians, environmental permitting specialists, biologists, archaeologists, GIS technicians, construction inspectors, construction administrators, and other support staff. This team is in place to provide the full spectrum of professional engineering and related services that may be required by the City of Hermiston. Our team has full capabilities to provide professional services for the City's water, recycled water, road, bridge, stormwater, site development, surveying, permitting, planning, parks, structures, and other related projects that the City may desire to undertake.





# PERSONNEL QUALIFICATIONS

## Chas Hutchins, P.E. – Contract Manager/Principal-in-Charge



### EDUCATION

B.S., Civil Engineering,  
Brigham Young University

A.S., Applied Science,  
Utah Valley State College

### PROFESSIONAL REGISTRATION

Professional Engineer –  
Oregon, Washington

### YEARS OF EXPERIENCE

16

### REFERENCES

Byron Smith, City  
Manager, City of  
Hermiston, (541) 567-  
5521

Mark Morgan, Assistant  
City Manager, City of  
Hermiston, (541) 567-  
5521

Ron Sivey, Street  
Superintendent, City of  
Hermiston, (541) 567-  
5521

Kyle Carpenter, Public  
Works Director, City of La  
Grande, (541) 962-1325

Chas is a principal engineer and member of AP's Board of Directors. For the past five years, Chas has served as the City Engineer for the City of Hermiston. As the City Engineer, Chas attends development meetings, work sessions, City Council meetings, Public Infrastructure Committee meetings, Planning Commission meetings, and various other City internal meetings. His work includes reviewing new subdivision plans; designing various small projects for the water, recycled water, and street departments; coordinating City constructions projects; providing construction engineering services; preparing preliminary engineering reports and technical memorandums, etc. Chas meets once a week with Mark Morgan to coordinate the City's public works efforts. Through his familiarity with the City's budget, systems, goals, potential project funding, and regulatory requirements, he has and will continue to help the City develop affordable infrastructure solutions for your community. Some of the projects Chas has assisted the City with over the last few years include:

- **North Hermiston Reservoir and Water System Improvements** – Designed a new 1-million-gallon welded steel standpipe reservoir that expands Hermiston's water storage capacity in the event of an emergency and opens hundreds of acres of residential property for development at a lower cost.
- **Hermiston Senior Center** – Provided design review and construction administration duties associated with the design and construction of the new senior center.
- **Stormwater Improvements** – Designed and provided construction engineering services for this project that included installing catch basins, stormwater piping, discharge structures, a detention basin, and a water control structure at the outlet of the detention basin.
- **Newport Park Roadway Improvements** – Provided design and construction engineering services to remove and reconstruct roadway with curb, gutter, and sidewalk in the vicinity of Newport Park.



# PERSONNEL QUALIFICATIONS

## Mike Lees, P.E. – Project Manager



Mike will serve as a project manager for City of Hermiston projects under this contract. Mike's duties include project design and preparing studies on water, wastewater, and transportation systems. In his work with rural communities such as Hermiston, Boardman, Stanfield, and others, Mike takes pride in being thought of as an extension of city staff. Mike commutes to AP's Hermiston office twice a week and often communicates with City staff daily to help brainstorm solutions to both small and large issues that may occur with public works operations. Some of the projects Mike has assisted the City with over the last few years include:

### EDUCATION

B.S., Civil Engineering,  
Boise State University

### PROFESSIONAL REGISTRATION

Professional Engineer –  
Oregon

### YEARS OF EXPERIENCE

16

### REFERENCES

Mark Morgan, Assistant  
City Manager, City of  
Hermiston, (541) 567-  
5521

Karen Pettigrew, City  
Manager, City of  
Boardman, (541) 481-  
9252

Tom Fellows, Public  
Works Director, Umatilla  
County, (541) 278-5424

Scott Morris, Public Works  
Director, City of Stanfield,  
(541) 449-3831

- **Highland Avenue Bicycle/Pedestrian Path** – Assisted with design and construction administration services for a multi-use path and portions of sidewalk that provided a safe route for bicycles and pedestrians.
- **Hermiston Avenue Roadway Improvements** – Assisted with design and construction administrative services resurfacing 4,200 feet of roadway, and reconstructing two blocks of roadway from storefront to storefront with a new road, curb and gutter, sidewalks, and installation of storm sewer to improve storm drainage.
- **North Hermiston Reservoir and Water System Improvements** – Designed booster pump station improvements, 12,000 feet of water distribution piping, and disinfection facilities and assisted with the design of a 1-million-gallon welded steel standpipe reservoir that expanded Hermiston's water system to accommodate residential development.
- **SE 7th Street Sewer System Improvements** – Assisted with design and construction administration services that replaced approximately 500 feet of 8-inch sanitary sewer trunkline with 12-inch sewer pipe.
- **South 1st Street Box Culvert Replacement** – Assisted with design and construction administrative services that demolished an existing deteriorated bridge and replaced it with a precast concrete box culvert. The project also included roadway reconstruction and realignment of water and sewer utilities to accommodate the new structure.



# PERSONNEL QUALIFICATIONS

## Brett Moore, P.E. – Lead Recycled Water Engineer



Brett is a senior project engineer, firm principal, and member of the AP Board of Directors whose 26 years of experience includes the planning, design, and construction administration of wastewater collection, treatment, disposal, and reuse systems. Brett has designed wastewater improvements that were successfully implemented for many local communities, including the national award-winning wastewater project for the City of Prineville. In working closely with the City of Hermiston on your wastewater system over the past several years, Brett thoroughly understands your system. Some of Brett's relevant experience includes:

### EDUCATION

M.S., Water Resource Engineering, Brigham Young University  
B.S., Civil Engineering, Brigham Young University

### PROFESSIONAL REGISTRATION

Professional Engineer – Oregon, Washington, Utah

### YEARS OF EXPERIENCE

26

### REFERENCES

Kyle Carpenter, Public Works Director, City of La Grande, (541) 962-1325

Eric Klann, P.E., City Engineer, City of Prineville, (541) 447-2357

Mark Maynard, Columbia Improvement District, (541) 481-9454

David Slaght, City Administrator, City of Echo, (541) 376-8411

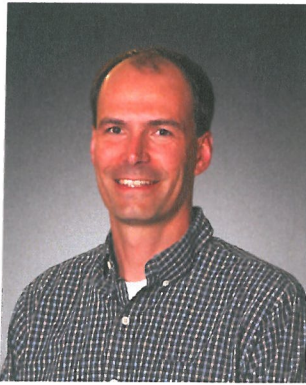
Mark Beam, Manager, Ice Fountain Water District, (541) 386-4299

- **Biosolids Treatment and Disposal Improvements – City of Hermiston, OR** – Assisted with a biosolids process design and existing system evaluation, and selected new thickening, dewatering, and digester mixing equipment.
- **Wetland Wastewater Treatment and Disposal – City of Prineville, OR** – Provided design and construction engineering services to construct a wetland disposal system to expand the City's system capacity to meet 20-year growth requirements and eliminate the need to discharge treated wastewater into the Crooked River.
- **Wastewater Options Refinement Study – City of Baker City, OR** – Provided the City with current cost estimates for improving wastewater facilities in order to meet Oregon Department of Environmental Quality requirements. Addressed improvements to be pursued by the City. Provided agency coordination to complete permits.
- **Wastewater System Improvements – City of Stanfield, OR** – Provided design engineering services for improvements to the City's existing trickling filter wastewater treatment facility that included decommissioning the existing effluent outfall and re-routing to a new outfall site 1,050 feet downstream.
- **Wastewater System Improvements – City of Umatilla, OR** – Provided planning, design, and construction administration services for the industrial park interceptor improvements, southwest collection system improvements, lift station and pressure sewer, and treatment project and outfall improvements.



# PERSONNEL QUALIFICATIONS

## Dave Wildman, P.E. – Lead Water Engineer



Dave is a firm principal and senior project engineer who primarily works on water system projects. His experience includes planning, pumping stations, water storage, water treatment and disinfection, distribution piping, surface and spring water supplies, groundwater wells, water rights, water system hydraulic modeling, regulatory compliance, and rate analysis. Through his familiarity with city budgets, project funding, and regulatory requirements, he has helped develop infrastructure solutions that meet the intended objectives with the least potential financial impact to the communities. Some of Dave's water system experience includes:

### EDUCATION

B.S., Civil Engineering,  
University of Idaho

### PROFESSIONAL REGISTRATION

Professional Engineer –  
Oregon, Washington

### YEARS OF EXPERIENCE

25

### REFERENCES

Kathryn Greiner, City  
Administrator, City of  
Condon, (541) 384-2711

Karen Howton, City  
Recorder, City of Island  
City, (541) 963-5017

Doug Wiggins, City  
Administrator, City of  
Union, (541) 562-5197

Sandra Alexander, Public  
Utilities Manager,  
Confederated Tribes of  
the Umatilla Indian  
Reservation, (541) 429-  
7515

- **North Hermiston Reservoir and Water System Improvements – City of Hermiston, OR** – Provided quality control reviews for this project that included a new 1-million-gallon welded steel standpipe reservoir near the intersection of E. Punkin Center Road and N.E. 10th Street.
- **Water System Master Plan – City of Hermiston, OR** – Assisted with a planning document to evaluate the City's water system performance and water usage and analyze the distribution system. The plan included an analysis of the existing system, an evaluation of system needs and improvement alternatives, and development of a financial plan and project implementation plan.
- **Water System Improvements – City of Island City, OR** – Designed improvements to the City's water system to increase storage capacity and water supply. Designed a new 500,000-gallon storage reservoir, a new well and pump station, existing Well No. 4 booster pump station improvements, and new distribution system piping.
- **Water System Improvements – City of Halfway, OR** – Designed a well pump station, distribution system, and cathodic protection system on a 350,000-gallon standpipe reservoir. Well pump station work included demolition of the existing Well No. 1 pump station, construction of a new Well No. 1 pump station building, and Well No. 3 pump station improvements.



# PERSONNEL QUALIFICATIONS

## Andy Lindsey, P.E. – Lead Transportation Engineer



Andy is a firm principal and senior engineer with more than 20 years of roadway design and construction engineering management experience, including bidding and managing multiple construction contracts for a variety of transportation projects. During his 16-year career at AP, Andy has provided design and construction engineering services on projects with millions of dollars in construction budgets each year. He has worked on many state and federally funded and ODOT-administered projects and is very familiar with the requirements of this agency. Some of Andy's experience includes:

### EDUCATION

M.S., Civil Engineering,  
Montana State University

B.S., Civil Engineering,  
Virginia Tech

### PROFESSIONAL REGISTRATION

Professional Engineer –  
Oregon

### YEARS OF EXPERIENCE

20

### REFERENCES

Tom Fellow, Public Works  
Director, Umatilla County,  
(541) 278-5424

Ron Sivey, Street  
Superintendent, City of  
Hermiston, (541) 567-  
5521

Eric Drushella, Road  
Master, Harney County,  
(541) 573-6232

Matt Scrivner, Public  
Works Director, Morrow  
County, (541) 989-9500

- **Highland Avenue Bicycle/Pedestrian Path – City of Hermiston, OR** – Designed a 10-foot wide multi-use bicycle and pedestrian path along the south side of Highland Avenue. The project consisted of a separated, multi-use path connecting from Riverfront Park and under the Umatilla River Bridge at SW 23rd Street to SW 15th Place; sidewalk and bicycle lane infill; and restriping Highland Avenue to include a center turn lane. The design included stop control for bicyclists on the path and ADA-compliant curb ramps.
- **Festival Street Improvements – City of Hermiston, OR** – Designed a project to reconstruct two blocks of NE 2nd Street in the downtown core to include new concrete pavement, sidewalks with brick pavers in select areas, curb extensions, street trees, landscaping, lighting, benches, and other pedestrian amenities.
- **2nd Street and Highway 395 Intersection Improvements – City of Hermiston, OR** – Provided design engineering services for this project that included street infrastructure, sidewalks, curb, and site utilities.
- **6th Street: Yerxa Avenue-Umatilla Bridge Improvements – City of Umatilla, OR** – Prepared designs to construct new sidewalks, replace sidewalks, and install curb extensions at intersections along 6th Street from Yerxa Avenue to the Umatilla River Bridge (13 blocks) through the core of downtown, linking schools, government offices, grocery stores, parks, professional offices, and businesses along a multi-modal transportation corridor.



# PERSONNEL QUALIFICATIONS

## Other Key Staff Qualifications

The following table provides information on each of AP's other key team members who are available to assist Chas and Mike with work for the City of Hermiston, including their education, experience, and areas of expertise.

Engineering		
Team Member	Education	Years of Experience
Brad Baird, P.E.	M.S., Environmental Engineering B.S., Civil Engineering	29
Jake Hollopeter, P.E.	M.S., Civil Engineering B.S., Civil Engineering	22
Troy Baker, P.E.	M.S., Civil Engineering B.S., Geology	26
Eric Zitterkopf, P.E.	B.S., Civil Engineering	23
Dave Jepsen, P.E.	M.S., Civil Engineering B.S., Chemical Engineering	32
Adam Schmitdgall, P.E.	B.S., Civil Engineering	16
John Wells, P.E.	M.S., Civil Engineering B.S., Biological Systems Engineering	21
Bill Vixie, P.E.	B.S., Civil Engineering	17
Michelle Conlay, P.E.	M.S., Mechanical Engineering B.S., Civil Engineering	21
Andrew Robinson, P.E.	B.S., Civil Engineering	17
Liesl Keenan, P.E.	B.S., Civil Engineering	16
Kate Thompson, P.E.	M.S., Engineering and Technology Management B.S., Civil Engineering	10
Lucas Stangel, P.E.	B.S., Mechanical Engineering	6
Brandon Mahon, P.E.	B.S., Civil Engineering	7
Jadon Herron, P.E.	B.S., Civil Engineering	7
Steven Anderson, P.E.	M.S., Civil Engineering B.S., Civil Engineering	11
Kyle Stangel, P.E.	B.S., Civil Engineering	5
Brian Hansen, P.E.	B.S., Civil Engineering	11
Michael Blasy, P.E.	B.S., Civil Engineering	8
Joshua Lott, P.E.	B.S., Civil Engineering	5
Josh Robertson, P.E.	B.S., Civil Engineering	16



## PERSONNEL QUALIFICATIONS

### Surveying

Team Member	Education	Years of Experience
Mike Posada, P.L.S.	A.A.S., Surveying Technology	30
Jeff Madsen, P.L.S.	B.S., Surveying A.S., Civil Engineering Technology	16
Erik Green, P.L.S.	A.A.S., Surveying Engineering Technology	24
Rick Stein, P.L.S., P.E.	B.S., Construction Engineering Management	28
Jarrold Hayes, L.S.I.T.	N/A	26

### Environmental/Cultural Resources

Team Member	Education	Years of Experience
Dana Kurtz	B.A., Environmental Studies M.B.A.	8
Sue Brady	M.S., Marine Biology B.S., Environmental Studies	23
Shiloh Simrell	B.A., Biology	5
Stephanie O'Brien, M.A., R.P.A.	M.A., Social Sciences B.A., Anthropology	7
Andrew Frierson, M.A., R.P.A.	M.A., Anthropology B.A., Anthropology	11
Juliana van Roggen, M.A., R.P.A.	M.A., Archaeology B.A., Anthropology and Classics	7

### GIS

Team Member	Education	Years of Experience
Rusty Merritt	B.S., Natural Resources	24
Ansel DeLeon	B.A., Geography	9
Sam Schwarz	A.A.S., Geographic Information Systems	5



## REFERENCES

"Staff and elected officials have all come to trust the work provided by AP. It has been a pleasure working with AP in the past and we are looking forward to a continued successful partnership into the future. Thank you for your excellent service."

– Eric Klann, P.E., City of Prineville

### Client References

The following table provides a sampling of Oregon local government entities for whom AP has provided services within the last five years and who can attest to the quality of AP's work, dedication to long-term relationships, and history of keeping commitments. We welcome members of the selection committee to contact these people to verify the information we have included in this proposal.

Client	Contact	Projects in Last Five Years
City of Pendleton	Bob Patterson Public Works Director (541) 966-0202 bob.patterson@ci.pendleton.or.us	Umatilla River Levee Emergency Repair, GIS Assistance, Street Utility Master Plan, Municipal Design and Construction Management Services, Transportation System Plan Update
City of La Grande	Kyle Carpenter Public Works Director (541) 962-1325 kcarpenter@cityoflagrande.org	Headworks Improvements, GIS Assistance, Chlorine Contact Basin Building, Collection System Expansion, Beaver Creek Fish Passage Improvements
City of Boardman	Karen Pettigrew City Manager (541) 481-9252 kpettigrew@cityofboardman.com	Columbia Avenue N.E. Roadway Improvements, Water System Master Plan, Water System Improvements, Olson Road Improvements, GIS Assistance, Wastewater Facilities Plan, Faler Road Sewer Collection System
City of Stanfield	Scott Morris Public Works Director (541) 449-3831 smorris@cityofstanfield.com	East Coe Avenue Wastewater Lift Station, East Harding Avenue Roadway Improvements, Water Rate Study, Panoramic Ridge Phase 4, GIS Assistance, Stage Gulch Trail



## REFERENCES

City of Echo	David Slaght City Administrator (541) 376-8411 dave@centurytel.net	Wastewater System Improvements, System Development Charge Evaluation, Land Feasibility Study for Water Reuse, Wastewater Facilities Plan Update
City of Prineville	Eric Klann, P.E. City Engineer (541) 447-2357 eklann@cityofprineville.com	Water System Master Plan, Wastewater Influent Screening System, Pahlisch Homes Trail, Water System Improvements Aquifer Storage and Recovery Project, Elm Street – Ochoco Creek Bridge Replacement, Airport Industrial Park Utility Extensions, Wastewater System Improvements
City of Baker City	Michelle Owen Public Works Director (541) 524-2031 mowen@bakercity.com	Goodrich Dam Maintenance, GIS Assistance, Wastewater System Improvements, Water Management and Conservation Plan Update, Wastewater Facilities Plan
Umatilla County	Tom Fellows Public Works Director (541) 278-5424 tom.fellows@umatillacounty.net	Dorothy Bridge Flood Repair, Umatilla River Levee Emergency Repairs, Lloyd Road Improvements, SE Airport Road and S Ott Road Improvements
Morrow County	Matt Scrivner Public Works Director (541) 989-9500 mscrivner@co.morrow.or.us	Irrigon Replat, Wilson Lane and Olson Road Reconstruction, McNab Lane Overlay, Wheatridge Road Improvements

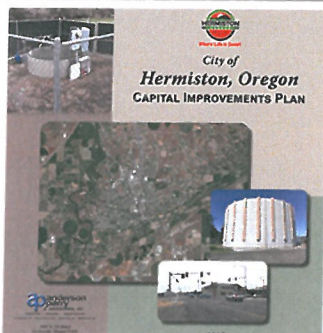
### Relevant Project Summaries

The projects we have completed for the City of Hermiston since 2015 are the best examples of our relevant experience and expertise. During this time, AP has completed capital improvement projects for the City totaling more than \$11 million. We are capable of handling large, complex projects, as well as ensuring small, but equally important, maintenance projects are scheduled and finished correctly, on time, and within budget constraints. The following descriptions highlight some of the more significant projects we have been involved with.



## REFERENCES

### Planning



#### Capital Improvements Plan

AP prepared a Capital Improvements Plan (CIP) for the City's water, wastewater, streets, and stormwater departments. AP worked with various City departments to develop evaluation criteria and requirements, prepare an inventory of existing facilities and status of previously performed improvements, set prioritization categories (low, medium, and high), assess the City's financial capacity, and develop a CIP financial strategy plan.

Plan Complete:

December 2017

Construction Complete:

N/A

Client Contact:

Mark Morgan, 541-567-5521



#### Water System Master Plan

AP prepared a planning document to evaluate the City's water system performance and water usage and analyze the distribution system. The plan included an analysis of the existing supply, storage, and distribution systems, an evaluation of system needs and improvement alternatives, and development of a financial plan and project implementation plan.

Plan Complete:

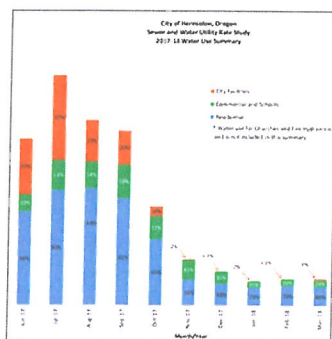
March 2019

Construction Complete:

N/A

Client Contact:

Mark Morgan, 541-567-5521



#### Water and Sewer Utility Rate Study

AP prepared a Rate Study that detailed the analysis performed for the City's sewer and water utilities for the forecast period, 2018-19 to 2028-29. The Study analyzed the City's historical sewer and water system operating budgets and expenditures, and, based on the analysis, projected future system personnel, operation, and maintenance costs. The Study also evaluated the current sewer and water rate structures and their revenue-generating capability to meet projected system costs including costs for capital improvement projects. Ultimately, rate models were developed for each utility that can be used to adjust rates as required to meet future projected costs.

Plan Complete:

October 2018

Construction Complete:

N/A

Client Contact:

Mark Morgan, 541-567-5521



## REFERENCES

### Water



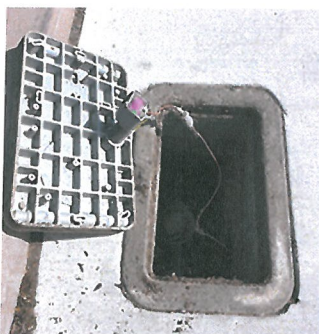
#### North Hermiston Reservoir and Water System Improvements

AP designed and provided construction engineering for a new 1-million-gallon welded steel standpipe reservoir near the intersection of E Punkin Center Road and NE 10th Street. The reservoir expands Hermiston's water storage capacity in the event of an emergency and opens hundreds of acres of residential property for development at a lower cost. Many residents relying on water pressure via a booster pump station now receive water more reliably with the installation of the reservoir.

Design Complete:  
February 2019

Construction Complete:  
June 2020

Client Contact:  
Roy Bicknell, 541-567-5521



#### Water Meter Upgrades

AP prepared bidding and contract documents for replacement of the City's approximately 5,000 water meters for the City. AP worked with the City's water department to identify and install cellular read water meters in place of the existing manual and radio read meters. This included providing bidding assistance and construction administration throughout the installation process.

Design Complete:  
May 2017

Construction Complete:  
October 2017

Client Contact:  
Roy Bicknell, 541-567-5521



#### Geer Road Water Line

This project created a loop in the City's water distribution system located in the northwest section of the City. As the water system existed prior to the project, an entire area of the City would be without water service if a single water line on W Theater Lane were to be out of service.

Design Complete:  
October 2019

Construction Complete:  
January 2020

Client Contact:  
Roy Bicknell, 541-567-5521



## REFERENCES

### Recycled Water Treatment



#### Biosolids Treatment and Disposal Improvements

AP assisted the City with purchasing and installing biosolids dewatering equipment to reduce the annual cost expended to dispose of biosolids generated in the treatment process from \$1,000 per ton to \$300 per ton. AP also prepared a biosolids process design and existing system evaluation; selected new thickening, dewatering, and digester mixing equipment; prepared drawings and technical specifications for all improvements; and provided construction administration services.

Design Complete:  
October 2017

Construction Complete:  
November 2018

Client Contact:  
Bill Schmittle, 541-567-5521



#### Biosolids Pond Dredging

AP provided an evaluation of the options for handling and disposing of biosolids after digestion in the wastewater treatment process. Specifically, continuing to use the biosolids storage pond was evaluated against options for thickening the biosolids and then disposing of them via landfill or land application on agricultural lands. Biosolids thickening options that were evaluated included the use of a belt press, screw press, rotary press, and/or drying beds.

Design Complete:  
April 2016

Construction Complete:  
July 2016

Client Contact:  
Bill Schmittle, 541-567-5521



#### SE 7th Street Sewer Improvements

Sanitary sewer improvements were needed to eliminate an identified bottleneck in the system. AP designed the recommended improvements to the sanitary sewer collection system, which included verifying the pipe sizes and invert elevations of the affected manholes, verifying the capacity of the existing sanitary sewer line, and sizing the new sewer line to meet future capacities.

Design Complete:  
November 2018

Construction Complete:  
April 2019

Client Contact:  
Bill Schmittle, 541-567-5521



## REFERENCES

### Transportation



#### Festival Street Improvements

In conjunction with Greenworks, AP designed a project to reconstruct two blocks of NE 2nd Street in the downtown core to include new concrete pavement, sidewalks with brick pavers in select areas, curb extensions, street trees, landscaping, lighting, benches, and other pedestrian amenities.

Design Complete:  
December 2017

Construction Complete:  
June 2018

Client Contact:  
Clint Spencer, 541-567-5521



#### Newport Park Roadway Improvements

The City hired AP to provide design and construction engineering services to remove and reconstruct the roadway with curb, gutter, and sidewalk in the vicinity of Newport Park, including Newport Avenue from 5th Street to 7th Street, 5th Street from Hurlburt Avenue to Newport Avenue, and 6th Street from Hurlburt Avenue to Newport Avenue. Work included removing the existing roadway down to the subgrade, preparing the roadbed, and providing aggregate base, asphalt pavement, curb and gutter, sidewalk, and a roadway drainage system.

Design Complete:  
January 2018

Construction Complete:  
June 2018

Client Contact:  
Ron Sivey, 541-567-5521



#### South 1st Street Box Culvert Replacement

The City wanted to replace the bridge in this location with a concrete box culvert due to the deteriorated condition of the existing bridge and road width constriction created by the bridge. The project consisted of demolishing the existing bridge and replacing it with a new concrete box culvert, installing a new sidewalk on the east and west side of South 1st Street, in the location of the culvert, that tied into the sidewalk located north of the culvert, and repaving South 1st Street in the vicinity of the bridge/Maxwell Canal.

Design Complete:  
December 2018

Construction Complete:  
April 2019

Client Contact:  
Ron Sivey, 541-567-5521



## REFERENCES

### Stormwater



#### Newport Park Stormwater Improvements

AP designed and provided construction engineering services for the Newport Park Stormwater Improvements project. This project included installing catch basins, stormwater piping, discharge structures, a detention basin, and a water control structure at the outlet of the detention basin. The project lowered a portion of the City's Newport Park by 2 feet to provide a detention area for large stormwater flow events that, in the past, had overwhelmed the City's stormwater pump station, causing flooding of the area adjacent to the pump station.

Design Complete:  
August 2015

Construction Complete:  
September 2015

Client Contact:  
Ron Sivey, 541-567-5521



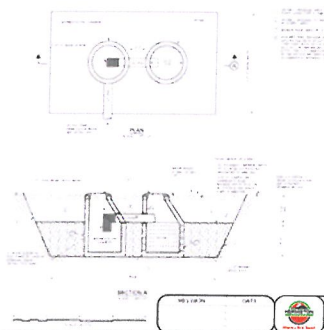
#### Sunset Park Stormwater Improvements

The City of Hermiston had been experiencing flooding along one of its main arterial streets. This project lowered a portion of Sunset Park by approximately 3 feet to act as a detention basin for street stormwater runoff during high flow events. The project included modifying an existing catch basin and installing stormwater piping and a discharge structure to a detention basin. Sunset Park now detains water that previously flooded out the adjacent streets. Water in the detention basin slowly percolates into the soil after a major stormwater flow event.

Design Complete:  
May 2016

Construction Complete:  
August 2016

Client Contact:  
Ron Sivey, 541-567-5521



#### Underground Injection Control (UIC) Improvements

AP designed and provided construction engineering services for various UIC improvement projects. Each year the City identifies areas of the City that are prone to flooding. The projects generally include catch basins, stormwater piping, a sedimentation chamber, and drywell. Surface stormwater from rain events enters into the UICs and percolates into the soil over time. AP has assisted with more than 10 such sites.

Design Complete:  
Yearly

Construction Complete:  
Yearly

Client Contact:  
Ron Sivey, 541-567-5521



## REFERENCES

### Site Development



#### Harkenrider Center and Parking Lot

AP provided design review and construction administration duties associated with the design and construction of the new senior center. AP also prepared a Phase I Environmental Site Assessment, and performed cultural resource management services, geotechnical services, and site surveying services in support of the project.

Design Complete:  
March 2018

Construction Complete:  
August 2018

Client Contact:  
Ron Sivey, 541-567-5521



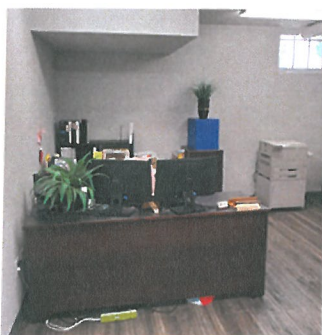
#### Eastern Oregon Trade and Event Center (EOTEC)

AP provided construction administration services for the EOTEC improvements project. The City is constructing a new storage building and RV site on the existing EOTEC property and hired a progressive design-build team to perform the design and construction of the improvements. AP's role on the project is to act as the City's representative in administering the project.

Design Complete:  
N/A

Construction Complete:  
Ongoing

Client Contact:  
Byron Smith, 541-567-5521



#### Carnegie Library Remodel

AP teamed with Newcomb Architecture to provide a design for the basement of the old Carnegie Library that is used by the City's building department. The design included a new layout for the basement including electrical, HVAC, flooring, paint, etc. AP provided construction engineering and administration for the construction phase of the project.

Design Complete:  
May 2017

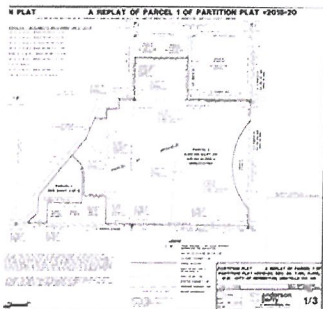
Construction Complete:  
March 2018

Client Contact:  
Mark Morgan, 541-567-5521



## REFERENCES

### Surveying



#### Cook Industrial Area Partition

AP performed a legal survey of an approximate 40-acre property owned by Ivan Cook north of the intersection of Penny Avenue and SW 9th Street. The survey involved a legal description and included carving out a portion of the land that would remain in Mr. Cook's control for irrigation purposes.

Survey Complete:  
October 2018

Construction Complete:  
N/A

Client Contact:  
Mark Morgan, 541-567-5521



#### 79 Penny Avenue Right-of-Way Dedication

AP performed a survey for a portion of property owned at the time by Hermiston Foods. The portion of the property was dedicated as right-of-way to the City by Hermiston Foods. AP prepared the legal description, map of survey, and final right-of-way dedication for the property.

Survey Complete:  
November 2018

Construction Complete:  
N/A

Client Contact:  
Mark Morgan, 541-567-5521



#### Diagonal Road Legal Description for Annexation

AP prepared a legal description for an annexation of a portion of land located adjacent to Diagonal Road. The annexation included two tax lots that had already had a map of survey prepared.

Survey Complete:  
October 2019

Construction Complete:  
N/A

Client Contact:  
Clint Spencer, 541-567-5521