



Rural Development

January 25, 2016

Nevada State Office

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Skip Canfield, Clearinghouse Coordinator  
Nevada Division of State Lands  
901 S. Stewart St., Ste. 5003  
Carson City, NV 89701-5246

**Subject: Yerington Colony Water and Wastewater Improvements**

Dear Coordinator:

Pursuant to the Memorandum of Understanding (MOU) between our agencies, this is to notify you that the USDA Rural Development anticipates a request for financial assistance from the City of Yerington to make improvements to the Yerington Colony's Water and Wastewater system located in Lyon County, Nevada. The first component of the project will be improvements to the Water system which includes replacement of approximately 5,600 feet of existing 2" polyethylene pipe with 8" and 12" PVC C900 water line pipe, replacement of all gate valves and fire hydrants, relocation of water meters, and Jack and Bore under Bridge Street. The second component of the project will be improvements to the Wastewater system which includes replacement of approximately 4,100 feet of 8" PVC SDR 35 sewer line, replacing manholes and rerouting sewer laterals. The project area is within the Yerington Colony, City of Yerington's South Street and Bridge Street which is a State Highway. All proposed construction will be located in previously disturbed areas. Details of the project are identified in the attached pages of the Preliminary Engineering Report.

Attached are maps and photos showing the location of the proposed project.

Unless the Clearinghouse Coordinator advises us otherwise, within 30 days of this notice, we will assume that the final Clearinghouse comments will not be forthcoming and, therefore, the State Clearinghouse responsibilities of USDA - Rural Development will have been satisfied.

If you have questions or need additional information, please contact me at 775-887-1222, ext. 114 or by email at [Lisa.Goodfellow@nv.usda.gov](mailto:Lisa.Goodfellow@nv.usda.gov).

Sincerely,

Lisa Goodfellow  
Community Programs Specialist

Attachments

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If you wish to file a Civil Rights program complaint of discrimination, complete the USDA Program Discrimination Complaint Form (PDF), found online at [http://www.ascr.usda.gov/complaint\\_filing\\_cust.html](http://www.ascr.usda.gov/complaint_filing_cust.html), or at any USDA office, or call (866) 632-9992 to request the form. You may also write a letter containing all of the information requested in the form. Send your completed complaint form or letter to us by mail at U.S. Department of Agriculture, Director, Office of Adjudication, 1400 Independence Avenue, S.W., Washington, D.C. 20250-9410, by fax (202) 690-7442 or email at [program.intake@usda.gov](mailto:program.intake@usda.gov).

## **6.0 PROPOSED PROJECT**

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### **6.1 Preliminary Project Design**

#### **6.1.1 Water**

The proposed water main layout is shown in Appendix A. All existing water mains will be abandoned (except as shown) and replaced with either 8" or 12" C900 PVC water mains. Changes to the existing alignment of water mains are as follows:

- The 12" C900 water main on the east boundary of the project area will be abandoned as it travels through backyards. This is a major transmission main for the City of Yerington water system and needs to be accessible for maintenance and repairs.
- The 4" ACP water main in the back alley between Cottonwood Avenue and McCormick Street will be abandoned and a new 8" C900 water main will be installed on Cottonwood Avenue. Meters will be moved out of the alley to either Cottonwood Avenue or McCormick Street. Water meters that were recently replaced (in 2014) will be relocated and all other meters will be replaced.
- The new main on Cottonwood Avenue will be connected to a new 12" water main on South Street to provide additional looping and operational flexibility.
- The 2" polyethylene line off of McCormick Street will be upsized to an 8" C900 and will be connected to the line on Coyote Drive to provide additional looping.
- All fire hydrants and gate valves will be replaced to provide optimal fire protection and operational flexibility.
- The 10" ACP water main in South Street will be replaced with a 12" C900 water main and will be extended to loop with the new main on Cottonwood Avenue. This line is integral to the functionality of the Colony's distribution system.

The proposed changes were modeled in Bentley WaterGEMS. After the waterline improvements, all hydrants in the Colony meet the minimum fire flow requirement of 1,000 gpm. Model results are attached as Appendix C.

#### **6.1.2 Sewer**

The proposed sewer main layout is shown in Appendix B. All existing sewer lines will be abandoned (except as shown) and replaced with 8" SDR 35 PVC sewer mains. Changes to the existing alignment of sewer mains are as follows:

- The Colony sewer collection system will now connect to the City sewer system at Bridge Street rather than the Copper Pointe subdivision. This is necessary to provide the minimum required slopes for all new sewer mains.
- The 8" ACP sewer main in the alley between Cottonwood Avenue and McCormick Street will be abandoned and will be replaced by a new sewer main on Cottonwood Avenue.

- The 6” ACP sewer main along the property line of houses between McCormick Street and Coyote Drive will be abandoned and a sewer main will be added in its place on McCormick Street.
- Where necessary, the sewer laterals and plumbing under houses will be reversed to flow to the new main locations as stated above.

## **6.2 Project Schedule**

The estimated project schedule is as follows:

- Design: 3 months
- Regulatory agency review and NDOT permit: 2 months
- Bidding and Awarding: 1 months
- Construction: 5 months

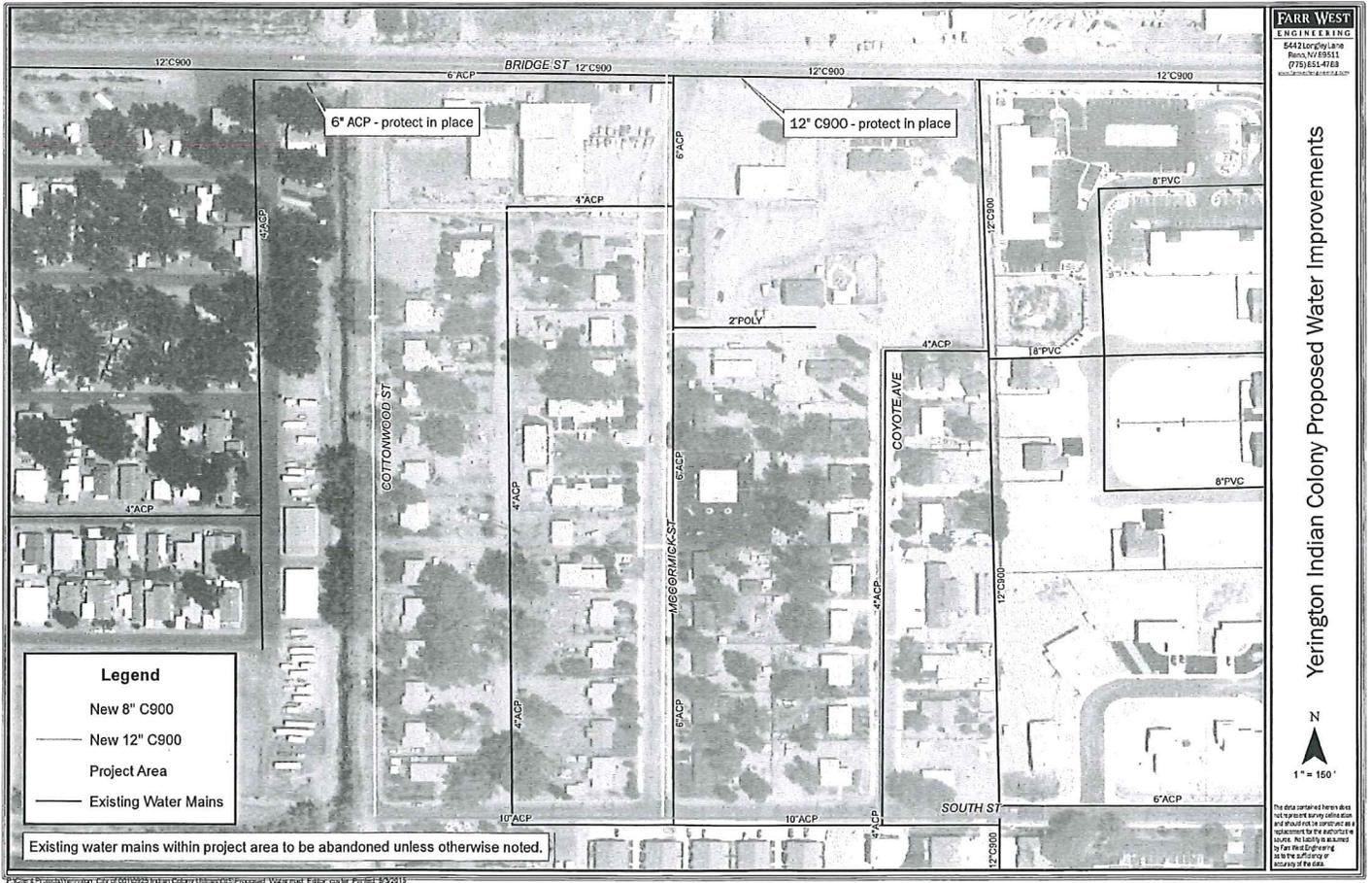
## **6.3 Permit Requirements**

The following permits/approvals will be required:

- NDOT encroachment permit for Jack & Bore under Bridge Street
- NDEP review and acceptance
- Indian Health Service review
- USDA review
- City Review
- Local tribal review

## **6.4 Engineer’s Opinion of Probable Cost**

The engineer’s opinion of probable cost is shown in Table 3.



**FARR WEST**  
 ENGINEERING  
 5442 Longley Lane  
 Reno, NV 89511  
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Yerington Indian Colony Proposed Water Improvements

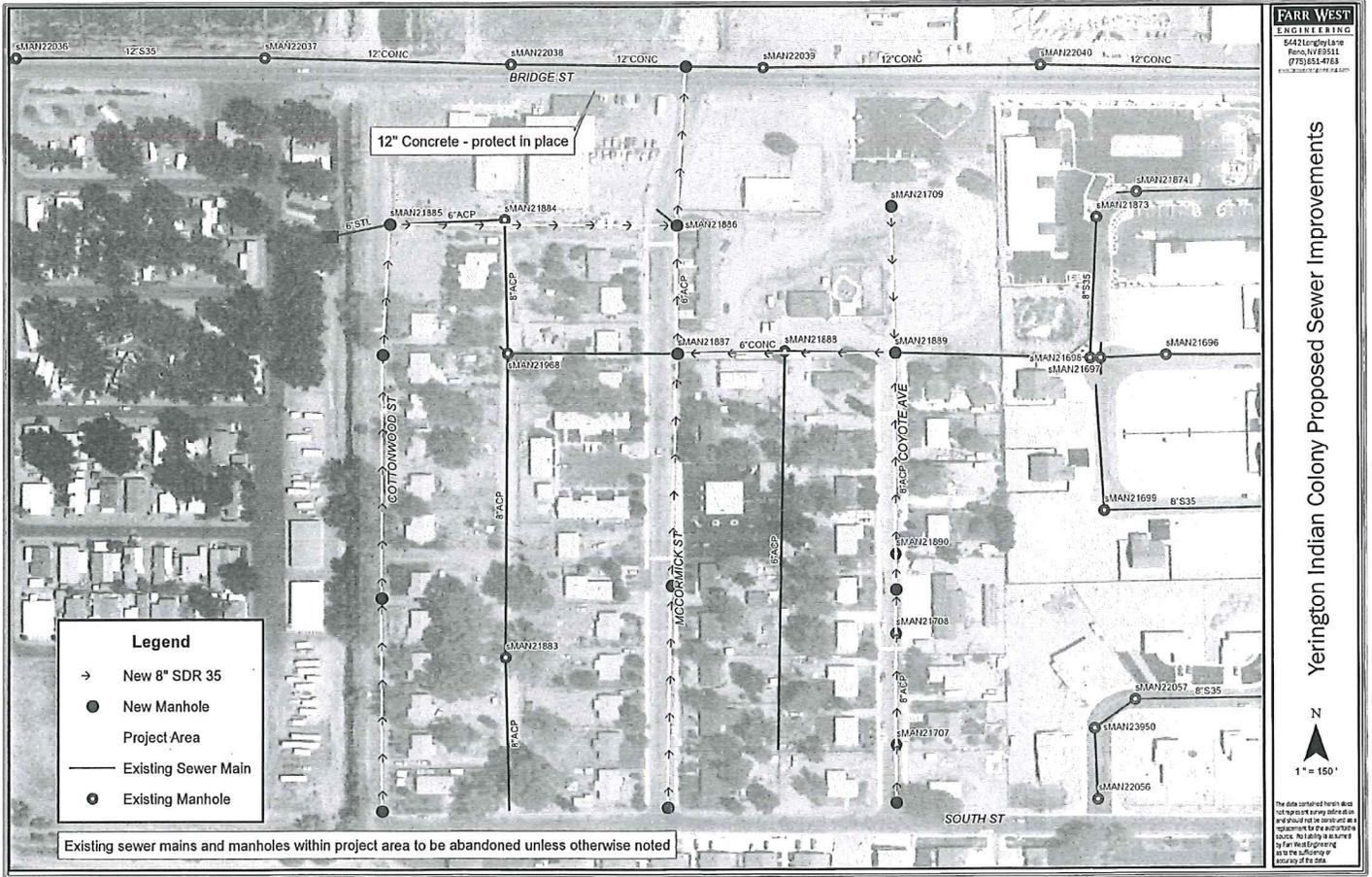


The data contained herein does not represent a survey and should not be used as a replacement for the professional services of a licensed surveyor. It is the responsibility of the user to verify the accuracy of the data.

**Legend**

- New 8" C900
- New 12" C900
- Project Area
- Existing Water Mains

Existing water mains within project area to be abandoned unless otherwise noted.



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Yerington Indian Colony Proposed Sewer Improvements



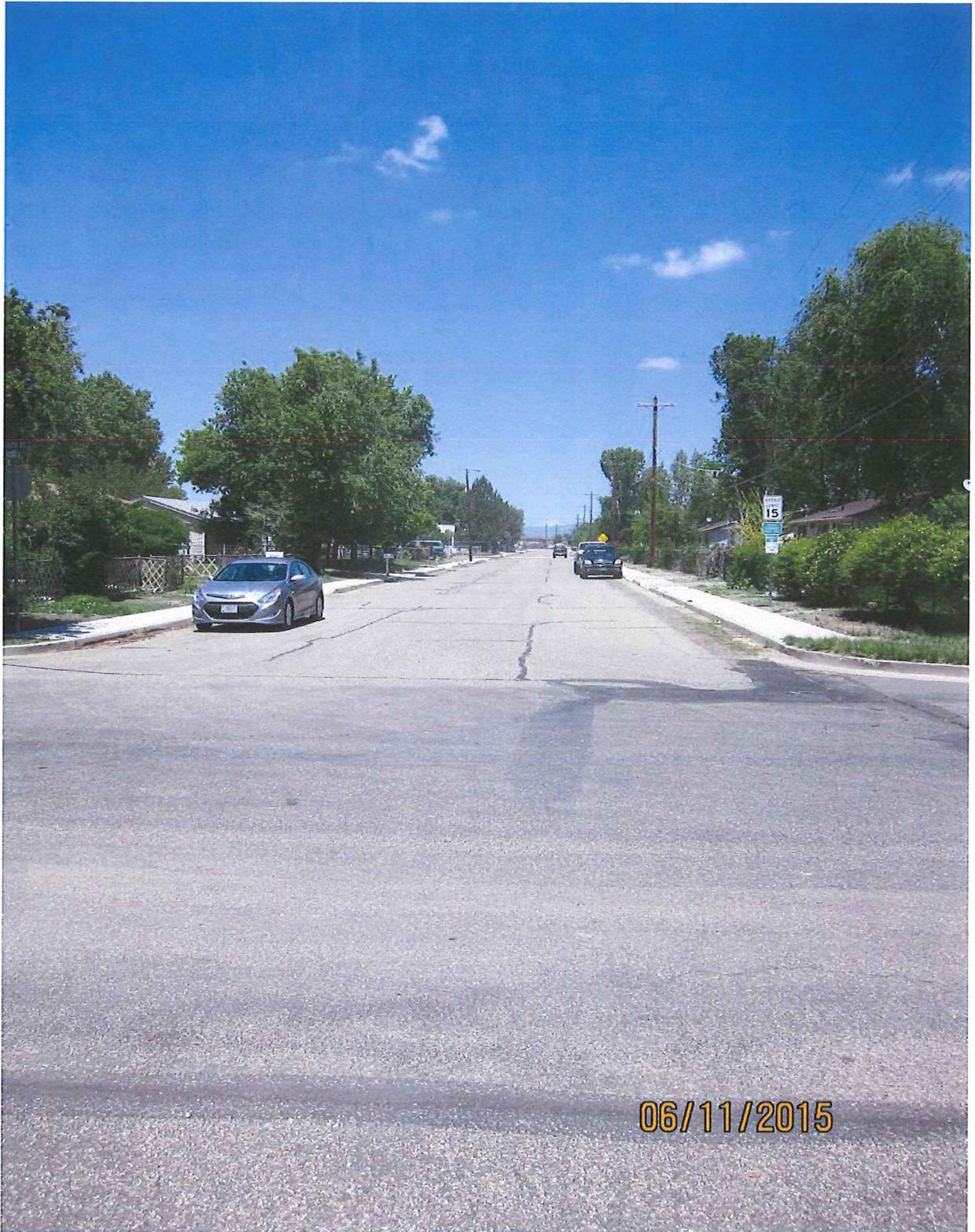
The data contained herein does not represent a warranty, representation, or endorsement of any product or service. It is provided for informational purposes only. No liability shall be assumed by Farr West Engineering for the accuracy or completeness of the data.

**Legend**

- New 8" SDR 35
- New Manhole
- Project Area
- Existing Sewer Main
- Existing Manhole

Existing sewer mains and manholes within project area to be abandoned unless otherwise noted

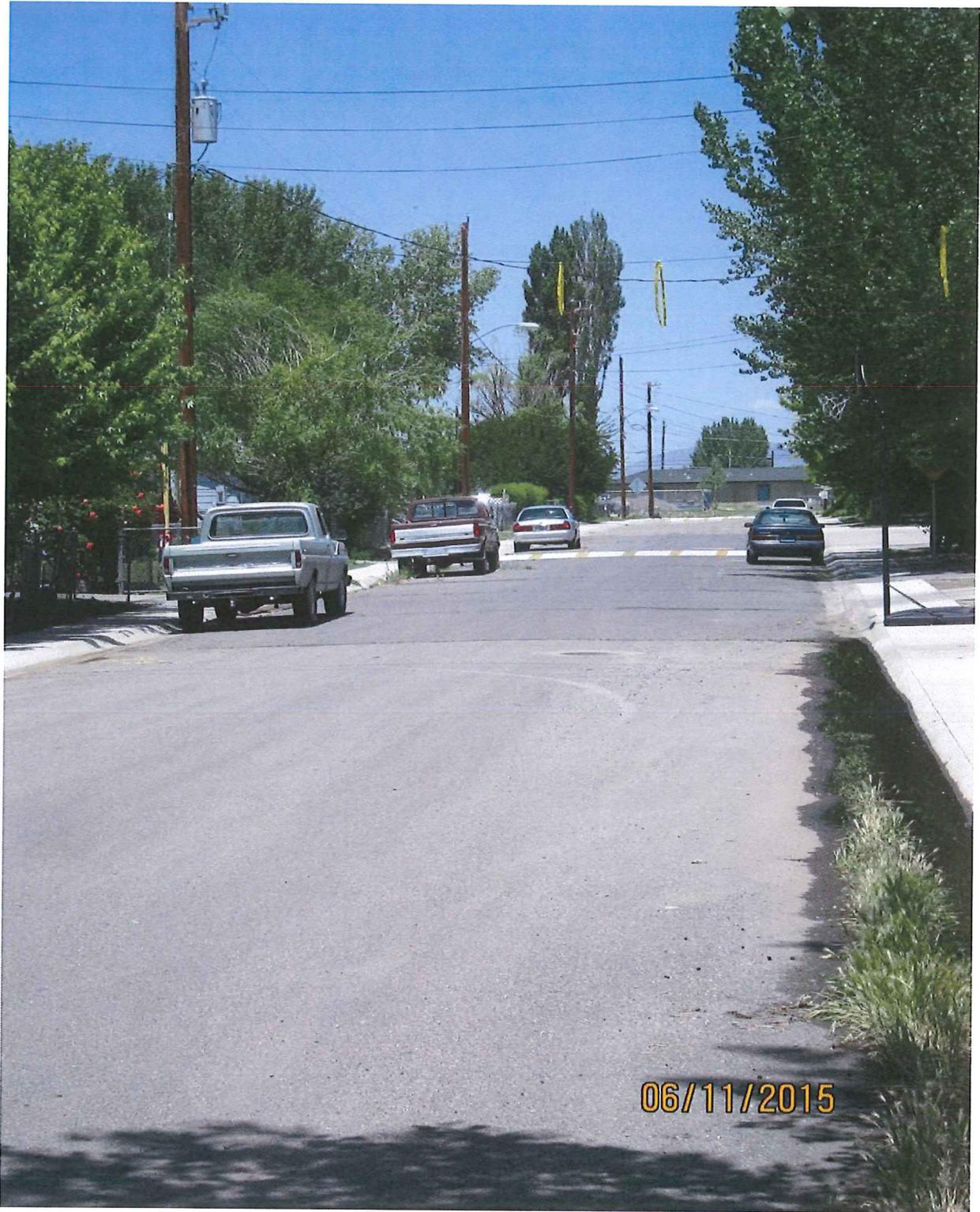
Project: Yerington Indian Colony Proposed Sewer Improvements, Edition: 01/2019, Project: 19-001



Yerington Paiute Colony – view is looking to the south down McCormick Way



Former Colony Road – view is looking to the north. Colony Road is located between Cottonwood St and McCormick Way, but access is blocked off and it is not used as a street. Water/sewer line connections are located here, but will be moved to the front of properties on either McCormick or Cottonwood.



Coyote Drive – view is to the north (towards Bridge Street).



Area to the north, northeast of Coyote Drive/Bovard Street, looking towards Bridge Street.



Coyote/Bovard Street as it curves to the west. View is mostly to the North



Area where Coyote/Bovard Street curves to the west, view is to the northeast (back of strip shopping center that faces east on Bridge Street)



Corner of McCormick and Bovard/Coyote Street. View is to the east/northeast.



Corner of Bovard/Coyote & McCormick Way looking to the north.



McCormick Way – view is to the north (towards Bridge Street)



Corner of Bovard/Coyote & McCormick – view is to the east.



Cottonwood Street – view is to the north