

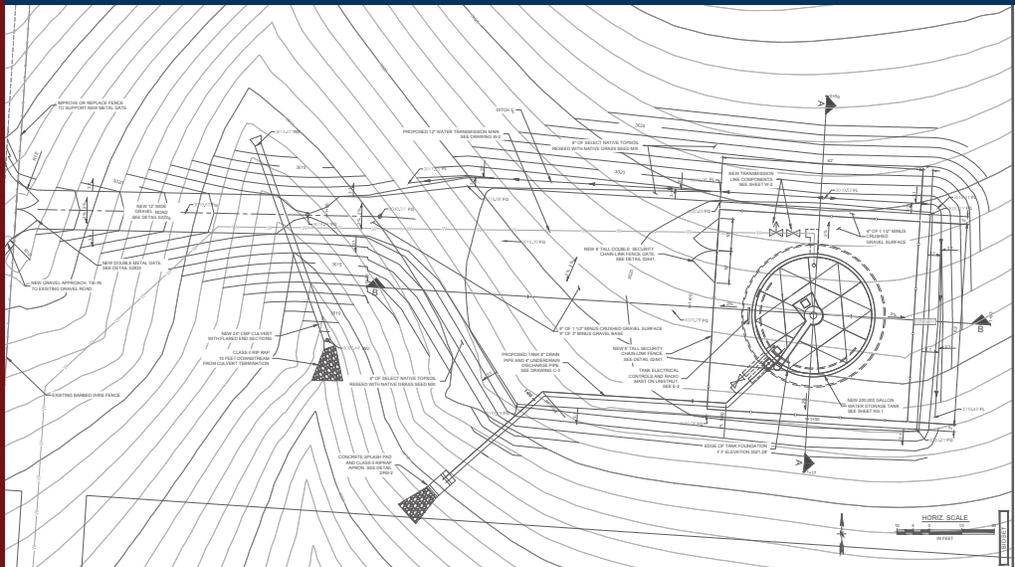


2015 WATER SYSTEM IMPROVEMENTS PROJECT

TOWN OF HOT SPRINGS, MONTANA

CONSTRUCTION PROGRESS REPORT

NO. 02
FOR OCTOBER 2015



PREPARED BY
**MORRISON
MAIERLE, INC.**
ENGINEERS • SURVEYORS • PLANNERS • SCIENTISTS

CONSTRUCTION STATUS REPORT

TOWN OF HOT SPRINGS 2015 WATER SYSTEM IMPROVEMENTS PROJECT

PROJECT SUMMARY

The Town of Hot Springs is installing a new 200,000 gallon water storage tank and providing additional fire system service. This project includes the installation of a 12-inch water transmission main, 8-inch water distribution main, two fire hydrants, a 200,000 gallon glass fused to steel water storage tank, upgrades to the water system SCADA controls, and surface restoration. The improvements will extend fire suppression service to areas on the south side of Hwy 77 near the school and increase the water system storage capacity to meet the requirements of Montana DEQ.

This project was developed based on extensive studies and cost comparisons described in the 2012 Water System Preliminary Engineering Report (PER). The PER considered other alternatives which were discussed during two public meetings. A copy of the PER is available at Town Hall.

The project is funded from a combination grants and loan, as summarized below.

Funding Agencies	
TSEP	\$592,550
CDBG	\$450,000
INTERCAP	\$142,550
TOTAL	\$1,185,100

CONSTRUCTION STATUS SUMMARY

LHC has been working on site completing the water main piping portion of the project during the last month. All water mains have been installed for the project, with Jaques Road being placed into service. The contractor is currently working on completing water main testing for the 12 inch transmission main from North Road to the tank site.

Shearer & Associates the general contractor's subcontractor has mobilized to the site and has been working on the tank foundation. The tank foundation consists of

a concrete footing, embedded glass fused to steel starter ring and concrete floor. Currently the engineer and the Town are working with the contractor to correct deficiencies in the concrete flatwork completed last week.

SCHEDULE STATUS

The Notice to Proceed was issued on August 10, 2015. The anticipated Substantial Completion date is October 18, 2015. The contractor will seek a temporary stop work order for the tank delivery to the site upon completion of ongoing site grading and a landscape restoration. The contractor has expended approximately 75% of the total contract days.

Schedule Status as of September 30, 2015	
Project Duration Expended	53 days
Project Total Duration	70 Days
Total Percent Used	75%

CONSTRUCTION STATUS REPORT & PROJECT ORGANIZATION

TOWN OF HOT SPRINGS 2015 WATER SYSTEM IMPROVEMENTS PROJECT

CONSTRUCTION BUDGET STATUS

The total contract amount is \$882,431.92. The contractor has made two application for payment totaling \$440,394.98.

Construction Budget Status as of October 1, 2015	
Amount to Date	\$440,394.98
Amount this Month	\$161,431.68 *
Total Contract Amount	\$882,431.92
Percent of Contract Amount	50%

**Pending Engineer Review*

PROJECT ORGANIZATION	
OWNER: TOWN OF HOT SPRINGS, MONTANA	
RANDY WOODS	MAYOR
LEAD DESIGNER: MORRISON-MAIERLE	
RYAN JONES	PROJECT MANAGER
JEFF CICON	CONSTRUCTION MANAGER
AARON MCCONKEY	RESIDENT PROJECT REPRESENTATIVE
PRIME CONTRACTOR: LHC, INC.	
JAY MCMILLAN	PROJECT MANAGER
EDDIE REYNOLD	PROJECT SUPERINTENDENT
REGULATORY OVERSIGHT & PROJECT FINANCING	
AARON PRATT	COMMUNITY DEVELOPMENT BLOCK GRANT
VALERIE SHORT	TREASURE STATE ENDOWMENT PROGRAM
LOUISE WELSH	INTERCAP

ORGANIZATIONS & COMPANIES INVOLVED IN DESIGN AND CONSTRUCTION

ENGINEERING

Morrison-Maierle, Inc.
Terracon

Kalispell, MT
Kalispell, MT

Design Engineer/Surveying
Geotechnical Engineer

CONSTRUCTION

LHC, Inc.
Glacier Traffic Products
Mild Fence
AgroTech Company
Stillwater Electric
Industrial Process Controls
Shearer & Associates Tanks
Alpine Geotechnical

Kalispell, MT
Somers, MT
Kalispell, MT
Kalispell, MT
Kalispell, MT
Kalispell, MT
Battle Ground, WA
Kalispell, MT

General Contractor
Traffic Control
Fencing
Landscaping
Electrical
Instrumentation and Controls
Tank Manufacturer
Quality Control

PROGRESS PHOTOS

TOWN OF HOT SPRINGS 2015 WATER SYSTEM IMPROVEMENTS PROJECT



Water Tank Excavation.



8" Water Main Connection at Magera Road.



Tank Foundation Formwork.



Placing Concrete for Foundation Footing.



Interior Tank Backfill and Placement of Glass Fused to Steel Embedded Starter Ring.



Placement of Concrete Tank Floor.