

2012-099 CITY OF SELAH
2013 WATER SYSTEM IMPROVEMENTS

DWSRF Scope of Work Form:

Project Description:

This project consists primarily of the replacement of approximately 5,800 linear feet (LF) of deteriorated wrapped steel water main of various sizes (2", 4", and 6") originally installed in the 1950s. The City is experiencing multiple leaks/failures in these steel water mains every year and with increasing frequency, which is not surprising as they have far exceeded their design life. The proposed project also includes replacement of existing interior steel overflow piping, exterior and interior ladders, and miscellaneous metal components at the City's 1.0 MG Goodlander Reservoir, which have corroded and are in need of replacement. In addition, new check valves and piping will be installed within the reservoir to improve water circulation. The project's final system improvement is the installation of approximately 700 LF of new water main to complete a distribution piping loop in Selah's fast growing North Park commercial district along North Wenas Road (SR 823). The locations of these improvements, including their Water System Plan "Recommended Improvement" numbers and a brief project description, are provided on the attached map exhibit. All water main improvements will include new ductile iron pipe (minimum 8" diameter), valves, fire hydrants, and service connections.

Scope of Work:

Water Pipeline Replacement: Replace approximately 5,800 linear feet of existing water distribution piping with new 8" pipe, fittings and appurtenances (valves, fire hydrants and service connections). Street trenching and pavement repair will be included.

Water Main Loop: Install approximately 700 linear feet of new 8" water distribution pipe, fittings and appurtenances (valves, fire hydrants and service connections). Street trenching and pavement repair will be included.

Reservoir Rehabilitation: Clean and inspect existing 1.0 MG Goodlander Reservoir. Depending on the results of the inspection: seal cracks as necessary, replace existing piping that is found to be deteriorated, install new piping and valves needed to improve circulation, replace interior and exterior ladders, and replace other metal components found to be deteriorated



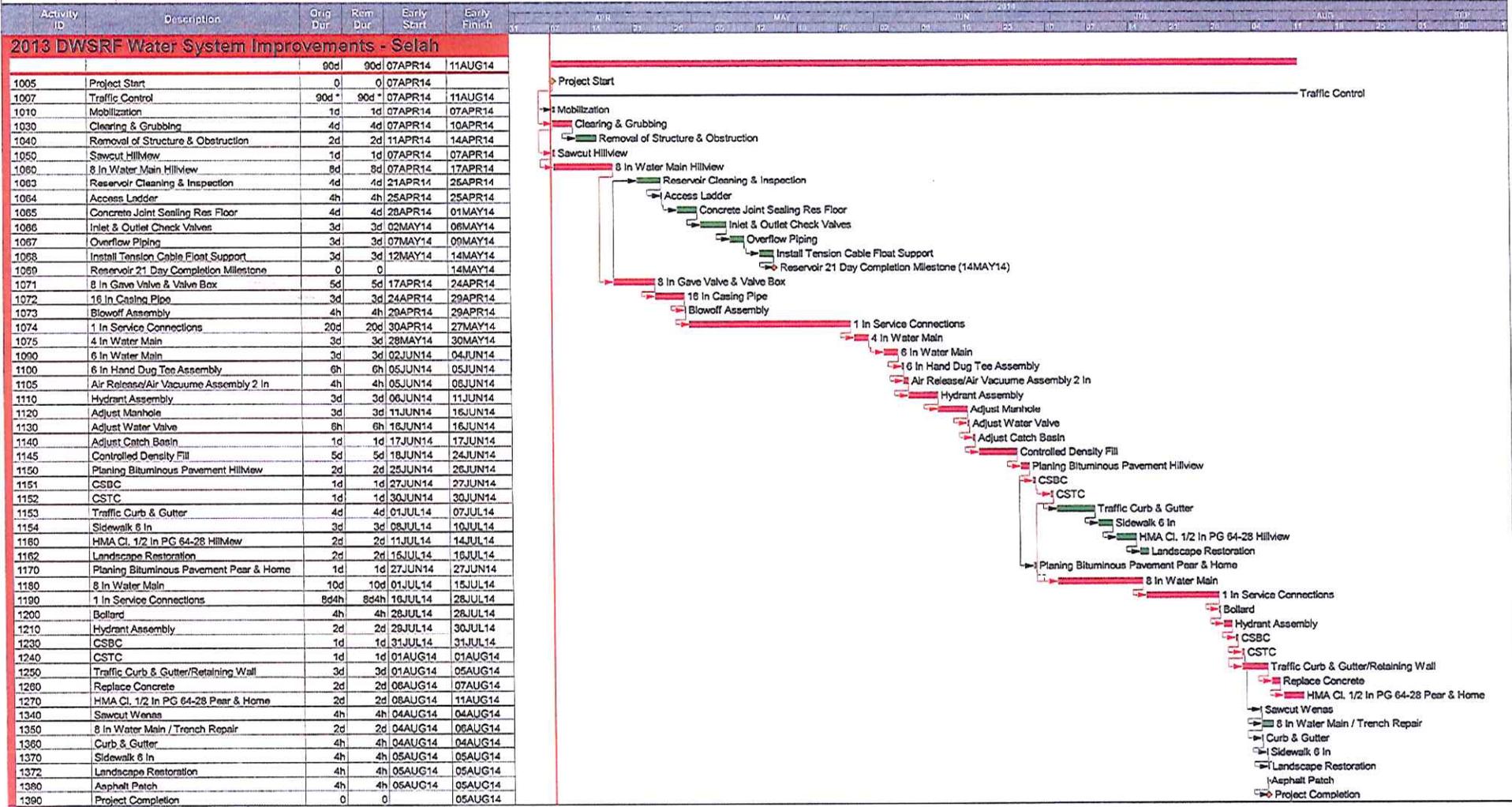
Scout Lake Construction
 PO Box 1060
 Selah, WA 98942
 (509) 698-0752

2013 DWSRF Water System Improvements - Selah, WA

Start date 07APR14
 Finish date 11AUG14
 Run date 30MAR14

- Early bar
- Progress bar
- Critical bar
- Summary bar
- Start milestone point
- Finish milestone point

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ID	Task Name	Duration	Start	Finish	Mar 23, '14							Mar 30, '14							Apr 6, '14							Apr 13, '14						
					S	S	M	T	W	T	F	S	S	M	T	W	T	F	S	S	M	T	W	T	F	S	S	M	T	W	T	F
1	HLA Project No. 13108C - Preconstruction	16 days	Mon 3/24/14	Tue 4/15/14																												
2	Preconstruction Meeting	1 day	Mon 3/24/14	Mon 3/24/14																												
3	Project Locates	3 days	Mon 3/24/14	Wed 3/26/14																												
4	Project Submittals	5 days	Mon 3/24/14	Fri 3/28/14																												
5	HLA Project No. 13108C - NTP	11 days	Mon 3/31/14	Tue 4/15/14																												
6	Mobilize Equipment	1 day	Mon 3/31/14	Mon 3/31/14																												
7	Demolition	2 days	Mon 3/31/14	Tue 4/1/14																												
8	Install New Storm Utilities	2 days	Tue 4/1/14	Thu 4/3/14																												
9	Excavate WSDOT Trench	1 day	Wed 4/2/14	Thu 4/3/14																												
10	Prep and F / P Curb/Gutter	2 days	Thu 4/3/14	Fri 4/4/14																												
11	Prep and F / P Sidewalk	2 days	Mon 4/7/14	Tue 4/8/14																												
12	Prep and Pave Roadway	2 days	Tue 4/8/14	Thu 4/10/14																												
13	Roadway Striping & Signage	1 day	Fri 4/11/14	Fri 4/11/14																												
14	Substantial Completion Inspection	0 days	Mon 4/14/14	Mon 4/14/14																												
15	Punchlist	1 day	Mon 4/14/14	Mon 4/14/14																												
16	Final Completion	0 days	Tue 4/15/14	Tue 4/15/14																												

Project: HLA Project No. 13108C Date: Mon 3/24/14	Task		External Milestone		Manual Summary Rollup	
	Split		Inactive Task		Manual Summary	
	Milestone		Inactive Milestone		Start-only	
	Summary		Inactive Summary		Finish-only	
	Project Summary		Manual Task		Deadline	
	External Tasks		Duration-only		Progress	

ID	Task Mode	Task Name	Duration	Start	Finish	Predecessors	Gantt Chart					
							W	Mar 16, '14	S	T	May 11, '14	M
0		Goodlander Road Zone 4 Water Main - Schedule	15 days?	Mon 4/7/14	Fri 4/25/14							
1		Mobilize on Site	1 day	Mon 4/7/14	Mon 4/7/14							
2		Mobilize Equipment	1 day	Mon 4/7/14	Mon 4/7/14							
3		Site Utilities	15 days?	Mon 4/7/14	Fri 4/25/14							
4		Asphalt Saw Cutting	1 day	Mon 4/7/14	Mon 4/7/14							
5		Pot Hole Existing Utilities	1 day	Mon 4/7/14	Mon 4/7/14							
6		12" DI Water Main Line	2 days	Tue 4/8/14	Wed 4/9/14	5						
7		12" x 8" Cross	1 day	Wed 4/9/14	Wed 4/9/14							
8		8" DI Water Main	1 day	Mon 4/7/14	Mon 4/7/14							
9		1" Services	1 day	Thu 4/10/14	Thu 4/10/14							
10		Fill Water Main	1 day	Fri 4/11/14	Fri 4/11/14	9						
11		Pressure Test Water Main	1 day	Mon 4/14/14	Mon 4/14/14	10						
12		Chlorinate Water Main	1 day	Tue 4/15/14	Tue 4/15/14	11						
13		Flush Water Main	1 day	Wed 4/16/14	Wed 4/16/14	12						
14		Water Samples	1 day	Thu 4/17/14	Thu 4/17/14	13						
15		Connect To Existing	1 day	Fri 4/18/14	Fri 4/18/14	14						
16		Demo Pump Station	1 day	Fri 4/18/14	Fri 4/18/14							
17		Remove Remaining Asphalt	1 day	Mon 4/21/14	Mon 4/21/14	16						
18		Prep For Paving Subcontractor	1 day?	Tue 4/22/14	Tue 4/22/14	17						
19		Paving By Subcontractor	2 days	Wed 4/23/14	Thu 4/24/14	18						
20		Shoulder Rock	1 day	Fri 4/25/14	Fri 4/25/14	19						
21		Final Project Clean up	1 day	Fri 4/25/14	Fri 4/25/14							

Project: Goodlander Road Zone 4
Date: Tue 3/25/14

Task		Project Summary		Manual Task		Start-only		Deadline	
Split		Inactive Task		Duration-only		Finish-only		Progress	
Milestone		Inactive Milestone		Manual Summary Rollup		External Tasks		Manual Progress	
Summary		Inactive Summary		Manual Summary		External Milestone			