

WEEKLY CONSTRUCTION INSPECTION REPORT

Report 03

Project: Northeast Harbor Center Village Improvements
 Location: Northeast Harbor
 Contractor: RF Jordan & Sons
 Client: Town of Mount Desert
 From: Victor J. Smith, P.E.
 To: Tony Smith, Director of Public Works

Date: 4/30/19

WORK COMPLETED THIS WEEK: (W/E) 4/27/19

Began Water Main installation with the new gate valve at Sta. 8+10 +/- on Main Street running towards Summit.

Installed approximately 105 LF of water line pipe including fittings and valves.

Blasted the remaining high ledge spots in the north parking area

3.5 Days worked this week 1.5 Day(s) lost due to inclement weather.

Manpower

RF Jordan & Sons	3.5days		
Coastal Drilling and Blasting	1.0 days		

PROJECT STATUS

_____ Complete Scheduled Completion Date _____
 _____ on schedule or _____ days/weeks ahead/behind schedule

Based on the submitted schedule the project was started later then what was originally planned. In road water work has been started and it is my understanding that water work and the north area parking lot are the only places that will be worked on this spring. The schedule that I saw showed additional sewer and storm drain work being completed this spring.

I recommend that a revised schedule be submitted showing what construction activities will actually be taking place this spring and then during the fall months so we can better determine whether the schedule is being met.

Rain this week caused the loss of 1.5 days in the roadway.

WORK PLANNED FOR NEXT WEEK:

Continue installing water main on Main Street towards Summit.

Continue work in the north parking area.

Test pit the existing sewer on Summit Street to determine elevations and any possible services to the 6 inch line that is designed to be rerouted to the proposed new sewer manhole on Summit

PROBLEMS/ISSUES:

The ground water continues to come out of the blasted ledge in the north area parking lot. An underdrain system will need to be designed to remove this water into the storm drain system. For design purposes we will have to take the underdrain through the proposed catch basin (CB-P16) location into the existing catch basin in front of the parking area. This fall we can tie in the underdrain into CB-P16 so that the parking area can be paved for the summer.

A 4-inch PVC perimeter drain extending into the street has caused us to reroute the new water line under it to allow it to be reconnected. This perimeter drain was not on the plans and was an unknown until it was uncovered. The water line was dropped approximately 11 inches at this location to allow the drain to be reconnected. This may require that the water line may need to be chased down Sea Street a little farther than expected to prevent a high spot in the water line which may trap air.

Rainy weather forecasts prevented work in the road for 1.5 days this past week.

ITEMS REQUIRING ATTENTION:

RF Jordan needs a design for the underdrain system and tie in elevations for CB-P16 and the existing catch basin on Harborside Road so this work can be completed this spring before paving of the parking lot.

OTHER:

It appears that the retaining wall at the northeast corner of the north parking area will not be required. On-site discussions between Jim Saucier, Nate Gustafson, and myself determined that we may have to move this block retaining wall to the southwest corner along the Knowles parking lot to flatten the slopes. Once layout and excavation begin for subgrade we will determine if moving the wall or eliminating it altogether is required.

There appear to be covered openings under the sidewalk in front of some of the buildings in town. The sidewalk was built over an opening into the basement of the Post Office building. I will be checking other buildings as time and opportunity exists to determine if any more of these situations are out there. This one is in addition to the known hollow sidewalk down at the vacant lot beside the Kimball Shop..

Signature: Victor J. Smith, P.E.

CC: Paul Slack – General Manager Mount Desert Water District
Ben Jacobs – Highway Foreman, Town of Mount Desert
Mike Olson – Foreman, Mount Desert Water District
Jim Saucier – Project Manager, RF Jordan & Sons
David Carney – Project Superintendent, RF Jordan & Son
Ron Hidu, PE – Senior Technical Manager, Woodard & Curran

Travis Noyes, PE – CES, Inc
Nate Gustafson – CES, Inc



Photo No. 1

Photo Date:
4/22/19

Site Location:
Sta 8+10 +/-

Description:
Tie in with gate valve
to the existing water
main on Main Street

Photo By: VJS



Photo No. 2

Photo Date:
4/25/19

Site Location:
8+55 +/-

Description:
Water line elevation
drop to go over
sewer and under the
4-inch perimeter
drain

Photo By: VJS



Photo No. 3

Photo Date:
4/25/19

Site Location:
8+55 +/-

Description:
4-inch drain line
reconnected over the
water line

Photo By: VJS



Photo No. 4

Photo Date:
4/25/19

Site Location:
Under sidewalk in
front of Post Office

Description:
Covered bilco under
the sidewalk in front
of the Post Office

Photo By: VJS

