



MEMORANDUM

TO: Honorable Mayor and City Council, Project Management Team
c/o Jeff Hulsether, PE – City Engineer

FROM: Scott D. Hedlund, PE, PMP

DATE: April 27, 2016

RE: Brainerd Lakes Regional Airport Utility Extension
Bi-Monthly Project Status Update
SEH No. BRDMN 131759 20.00

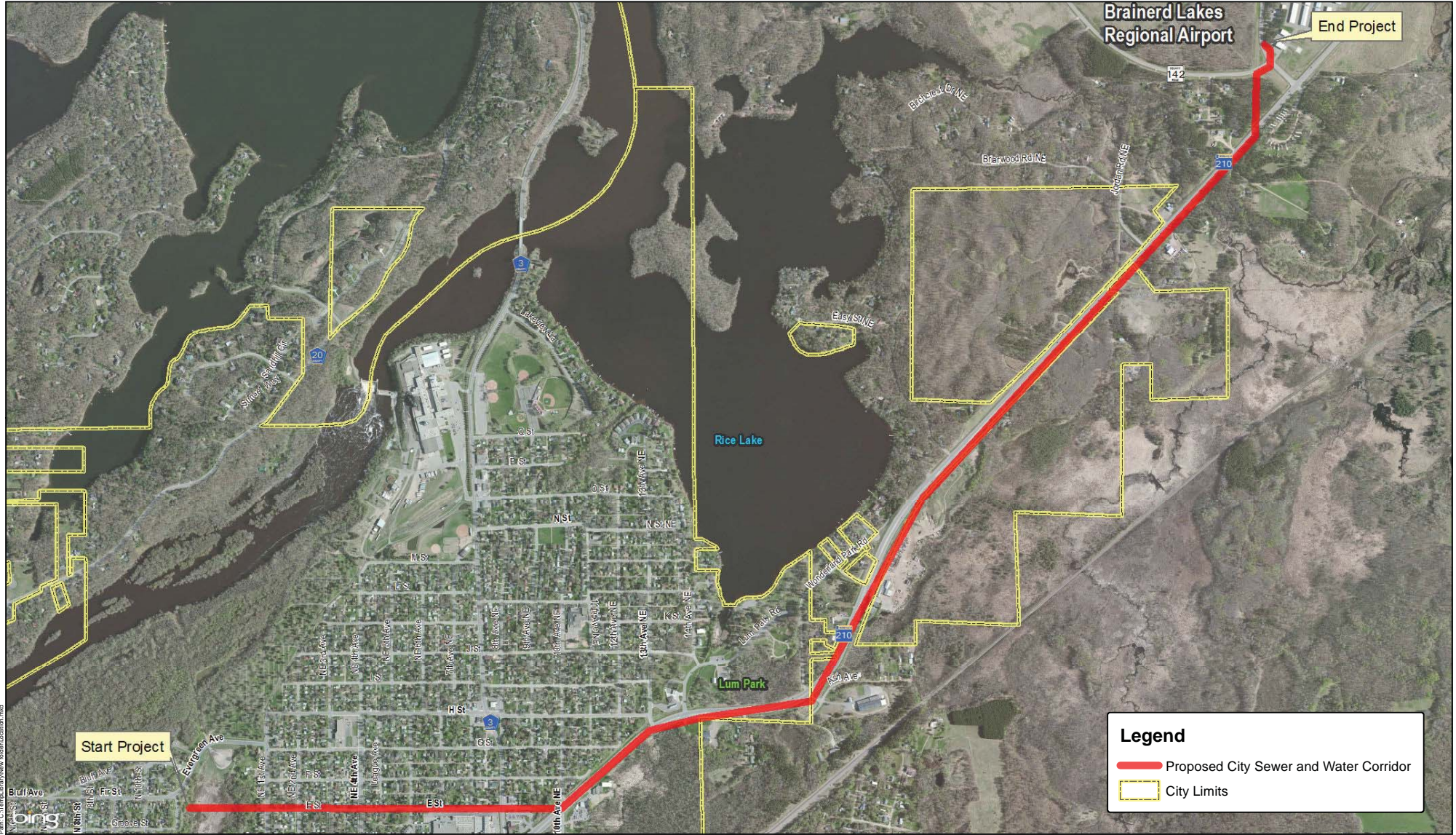
The following is an update on the status of the Construction Phase of the project:

- I. Construction Progress
 - A. Construction started the week of April 11, 2016 in the Lum Park area.
 - B. Traffic Control
 1. Installation started April 11th with ongoing maintenance and monitoring.
 - C. Erosion Control
 1. Installation started April 12th with ongoing maintenance and monitoring.
 - D. Horizontal Directional Drilling (HDD) (Project Areas 1 & 2)
 1. Started April 14th
 2. To date installed 6-inch sewer force main between the new Lum Park lift station and E Street manhole between 8th and 9th Ave NE
 - a. Still need to make connections and test.
 - b. HDD subcontractor struck a marked existing gravity sanitary sewer near the existing Lum Park lift station on 4/14/16; the damage has been repaired at the Contractor's expense.
 - c. Prime contractor struck a marked buried power cable near the intersection of E Street and TH 210 on 4/23/16 while digging a HDD receiving pit causing a brief power outage in the area; BPU crews restored power within an hour and repaired at the Contractor's expense.
 3. Next planned installation is an approximately 200 foot stretch of 12-inch gravity sanitary sewer under Lum Park Road.
 - E. Jack Bore Steel Casings Under TH 210 (Project Area 1)
 1. Sewer and water crossing east of Lum Park Road
 - a. Completed tree clearing.
 - b. Installing dewatering system.

- c. Installing slide rail ground support system for jack bore pits.
 - d. Planning to start of casing installations the week of May 2nd.
 - F. Lum Park lift station/booster station site (Project Area 1)
 - a. Installing dewatering system.
 - G. Open cut sewer and water (Project Area 1)
 - 1. Completed tree clearing in Lum Park.
 - 2. Additional tree clearing starting along TH 210 heading east from Lum Park.
 - 3. Installing additional dewatering systems along TH 210 heading east from Lum Park.
- II. Construction Staging
 - A. The Contractor has conveyed the following construction schedule/staging plans (subject to change):
 - 1. Continue construction in and around Lum Park: Area 1 and 2.
 - 2. Start Area 3 and 4 work as early as mid-May.
 - 3. Start pipe installation in Area 1 moving east from Lum Park once the jack bore under TH 210 is complete at Lum Park Road.
- III. External Communications
 - A. The first monthly project update construction newsletter to property owners along the project corridor was distributed April 11th.
 - B. Project website → <http://www.sehinc.com/online/brd>
 - 1. Has monthly construction project update newsletters, project location map, PMT meeting minutes, City update memos, and basis of design report available for viewing and download.
- IV. Overall Schedule
 - A. Construction
 - 1. City Council Award Construction Contract: February 22, 2015
 - 2. Notice To Proceed: March 17, 2016
 - 3. Preconstruction Conference: April 5, 2016
 - 4. Started Construction: April 11, 2016
 - 5. Weekly Construction Progress Meetings: Tuesdays at 9:30am, Lum Park (subject to change)
 - 6. Contract Construction Substantial Completion Date: October 21, 2016
 - 7. Contract Construction Final Completion Date: December 14, 2016
- V. Budget Status
 - A. Construction Contract (low bid Tom's Backhoe Service): \$8,591,721.58
 - 1. Work certified to date: \$0 (first payment planned for City Council approval on 5/16/16)
 - 2. Pending Change Orders: Change Order No. 1 is planned for approval consideration on 5/16/16 for a combination credit for casing size reductions and adding a needed sewer force main air release manhole.
 - B. Consultant budget (construction):
 - 1. Approved construction services contract: \$623,092.00.
 - 2. Invoiced to date: \$9,114.83.
 - 3. Scope changes:
 - a. The intensity of construction observation needed to date is higher than assumed for the consultant contract; contractor has been working 6 days a week during daylight hours; consultant contract is hourly and will continue to be monitored; a fee amendment request would be brought forward in the future if at such time overall construction observation hours are projected to be exceeded.

Attachment – project location map

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Legend

- Proposed City Sewer and Water Corridor
- City Limits

Path: C:\Temp\Branr\New\locat\Location.mxd

Project: BRDMN 131759
 Print Date: 5/8/2015
 Map by: matsuemagel
 Projection: Crow Wing County Coordinates
 Source: Crow Wing County, MnDOT

Project Location Map
 Brainerd Lakes Regional Airport Utility Extension
 Brainerd, Minnesota

May 6, 2015

This map is neither a legally recorded map nor a survey map and is not intended to be used as one. This map is a compilation of records, information, and data gathered from various sources listed on this map and is to be used for reference purposes only. SEH does not warrant that the Geographic Information System (GIS) Data used to prepare this map are error free, and SEH does not represent that the GIS Data can be used for navigational, tracking, or any other purpose requiring exacting measurement of distance or direction or precision in the depiction of geographic features. The user of this map acknowledges that SEH shall not be liable for any damages which arise out of the user's access or use of data provided.