



City of Bethel, Alaska

Public Works Committee Agenda

Wednesday, November 18, 2015

Regular Meeting

6:30PM

City Hall

Council Chambers

MEMBERS

Byron Maczynski
Council Rep.
Term Expires
10/2016

Frank Neitz
Chair
Term Expires
12/2016

Scott Guinn
Vice-Chair
Term Expires
12/2017

Robert Champagne
Committee Member
Term Expires
12/2017

Jennifer Dobson
Committee Member
Term Expires
12/2017

Donna Lindsey
Committee Member
Term Expires
12/2015

Delbert Egoak
Committee Member
Term Expires
12/2015

Joseph Klejka
Alternate Member
Term Expires
12/2017

Muzaffar Lakhani
Ex-Officio Member

Secretary/Recorder
Pauline Boratko

- II. ROLL CALL
- III. PEOPLE TO BE HEARD – (5 Minute Limit)
- IV. APPROVAL OF AGENDA
- V. APPROVAL OF MINUTES
 - A. Minutes from the previous regular meeting – October 21, 2015 (there was a meeting).
- VI. SPECIAL ORDER OF BUSINESS
- VII. UNFINISHED BUSINESS
 - A. Water & Sewer Master Plan/Institutional Corridor Piped Water Supply Project, alternate routing of the pipe alignment if Hospital does not allow the pipe to pass through their property. – The negative impact on revenue if Hospital does not tie into the city water supply system. Hospital is curious about the quality of the city supplied water. Frank Neitz
 - B. Sewer Lagoon, – RFP (Request for Proposal) for PER (Preliminary Engineering Report) & ER (Environmental Report) for Truck Dump Site and other options. -Frank Neitz.
 - D. Need of safety lighting in different Neighborhoods- Scott Guinn.
 - E. Installing the slip lining inside the old metallic water pipes in the Bethel Heights subdivision- Byron Maczynski.
 - F. Landfill hours for Saturdays- Byron Maczynski
- VIII. NEW BUSINESS
 - Resignation of Alternate Committee Member Alisha Welch.
 - Cost from DOWL for different options of the Boardwalk-Jennifer Dobson
- IX. Director’s Report
- X. MEMBER COMMENTS
- XI. ADJOURNMENT

I. CALL TO ORDER

City of Bethel, Alaska

Public Works Committee Minutes

October 21, 2015

Regular Meeting

Bethel, Alaska

I. CALL TO ORDER

A regular Public Works Committee Meeting was held on October 21, 2015 in the council chambers of the City Hall, Bethel, Alaska. The meeting was called to order by Frank Neitz at 6:30 pm.

II. ROLL CALL

Comprising a quorum of the committee, the following were present: Frank Neitz, Scott Guinn, Byron Maczynski, Robert Champagne, Jennifer Dobson, Delbert Egoak, and Josphe Klejka arrived at 6:38 pm.

Excused absence(s): Donna Lindsey

Unexcused absence(s): none

Also Present: Director Public Works, Muzaffar Lakhani.

Pauline Boratko, Committee Recorder

Ann Capela, City Manager

Hansel Mathlaw, Finance Director

The board walk repairs and alternates technical memorandum prepared by DOWL was presented and discussed. Committee recommended that the board walk (Between the Hospital and the university) be taken down and an alternate board walk be built. Location to be finalized.

Copy of Draft PER for the Lagoon Jetty dated August 2015 was provided to the committee members.

Dowl "Proposal letter" was provided, to put together the technical memo for the \$2.1 million grant available for dredging.

Draft Memorandum from DOWL "Bethel Sewage Lagoon Enhancement Project" was handed over the committee members and discussed.

Technical memorandum from Art Ronimus from the visit of Oct 12, 2015 regarding operational deficiencies at the City's WTPs was handed out to the members of the committee.

II. PEOPLE TO BE HEARD:

The discussion of the three alternatives presented in the handout regarding the new board walk planning from DOWL. All three of the alternatives include labor, but does not include the removal cost of the board walk. Alternative 1 would cost a quarter of a million dollars which includes duck billing, cabling and re-leveling. Alternative 2 is more complex yet more expensive and maintenance would be low in the future. Using Alternative 2 would be more pleasant for strollers and bikes. Alternative 1 would be twice as much as alternative 3. Alternative 3 would construct a gravel boardwalk. The current board walk would be abandoned not removed. No Davis-Bacon wages will be used for this project. The tobacco sales contributed \$75,000 to the project. A suggestion was made to present the council with just two alternatives listed with pros and cons. The committee agreed to eliminate alternative 1 and go with mix between alternative 2 and 3.

IV. APPROVAL OF AGENDA

MOVED BY	Jennifer Dobson	Motion to approve the agenda.
SECONDED BY:	Byron Maczynski	

VOTE ON MOTION	Motion carried by unanimous vote
-----------------------	----------------------------------

V. APPROVAL OF MINUTES

MOVED BY:	Scott Guinn	Motion to approve minutes of September 16, 2015 regular meeting.
SECONDED BY:	Jennifer Dobson	

VOTE ON MOTION	Motion carried by unanimous vote.
-----------------------	-----------------------------------

VI. SPECIAL ORDER OF BUSINESS:

VII. UNFINISHED BUSINESS

Item A

- Water & Sewer Master Plan/Institutional Corridor Piped Water Supply Project- The Yukon Kuskokwim Health Corporation (YKHC) questions the quality of water that they will be getting from this project, and therefore is not sure that they will be tying to the city's this project?

The City Explained that, The City's water quality is EPA approved and is used for all purposes including drinking. Hospital can re-treat a smaller quantity of the city's supplied water for its sensitive equipment. Roughly 35,000 gallons of water is used daily, and if YKHC decides not buy water from the City as promised a couple of years ago at the time this project was in planning stages, then that will be a huge loss of revenue. 90% complete set of design document for the Institutional Corridor piped water supply project was provided/shared and discussed with the members of the committee

Frank Neitz suggested that this topic stay on the agenda.

Item B

- Sewer Lagoon, RFP for the truck dump site:

We are currently waiting on comments from the government, and then the working of the design will take place. They city has \$700,000 in hand for the truck dump site, but it will cost more money to complete this project. It was suggested that machinery used for dredging to be borrowed or rented.

Item C

-Wind Turbine Maintenance:

This has been approved by the city council that Northern Power will conduct maintenance on the wind turbines. Frank Neitz asked for this topic to be removed.

VIII. NEW BUSINESS-

- A) Safety Lighting: Scott Guinn would like to add more street lighting in Hoffman Sub. Mission Road was also another area of concern. Mr. Guinn suggested that the committee inform him on other parts of the community that would benefit from more street lighting.
- B) Installing slip lining/sleeves inside old metallic water supply pipes: Byron Maczynski's main concern is in the housing area where the water is known for quite some times to have rusted water. Maczynski wants to look into cost to place the slip-lining. Jennifer Dobson suggests pipe bursting which sends a burst of coding thought out the pipes. This technique has been used in other parts of the state and has been effective. Frank Neitz comments that they will be getting information on where to start.
- C) Landfill hours on Saturday: Byron Maczynski informs that the landfill being closed on Saturday has gotten him the most calls. There is no need for a full day on Saturday to be open, so it is advised that the new hours for the landfill be Wednesday and Saturday from 12-4pm. This change will need to be on paper, radio, website, and a sign at the landfill to notify the community of the changed hours.

IX. DIRECTOR'S REPORT:

Public Works Director Muzaffar Lakhani reports his concern about the hospital not partnering in the Institutional Corridor water supply project. We also have received recommendations from Art Ronimus of ARWA.

The Request for Proposal (RFP) for the purchase of Anthracite for WTPs Filters is in process, the freight is the biggest portion of the total cost.

X. MEMBER COMMENTS

Joseph Klejka – I love having real numbers. Thank you so much Zef for getting estimates for the Boardwalk.

Scott Guinn- If you see any dark areas let me know.

Jenifer Dobson – Thank you Zef for the Information about the City's Water Treatment Plants.

Delbert Egoak- none

Byron Maczynski- none

Frank Neitz – Thank you all for coming, I think we have the biggest voice in town, Thank you Zef. If we keep on chipping we can make our community better. Let us know Byron when the next meeting will be, we will help support you.

Robert Champaign- none

Muzaffar Lakhani- Thanks to all committee members for your time and help.

With no further business, the meeting was adjourned at 8:01 pm

XI. ADJOURNMENT

MOVED BY:	Joseph Klejka	Motion to adjourn
SECONDED BY:	Byron Maczynski	

VOTE ON MOTION	Motion Carried by unanimous vote
-----------------------	----------------------------------

APPROVED THIS _____ DAY OF -----, 2015.

Frank Neitz, Chair

Pauline Boratko
Recorder of Minutes

Alisha Welch
PO Box 1548
Bethel, AK 99559

October 27, 2015

Lori Strickler
City Clerk
City of Bethel
300 State Highway
Bethel, AK 99559

Dear Ms. Strickler:

I would like to inform you of my resignation from my position as alternate on the Public Works Committee effective October 27, 2015.

Sincerely,

Alisha Welch

C:\Civil_3D\Projects\23\61833-01\Property\MA14-CS-ES-61833.dwg PLOT DATE 2015-11-4 15:16 SAVED DATE 2015-11-04 15:15 USER: jnicolazzo

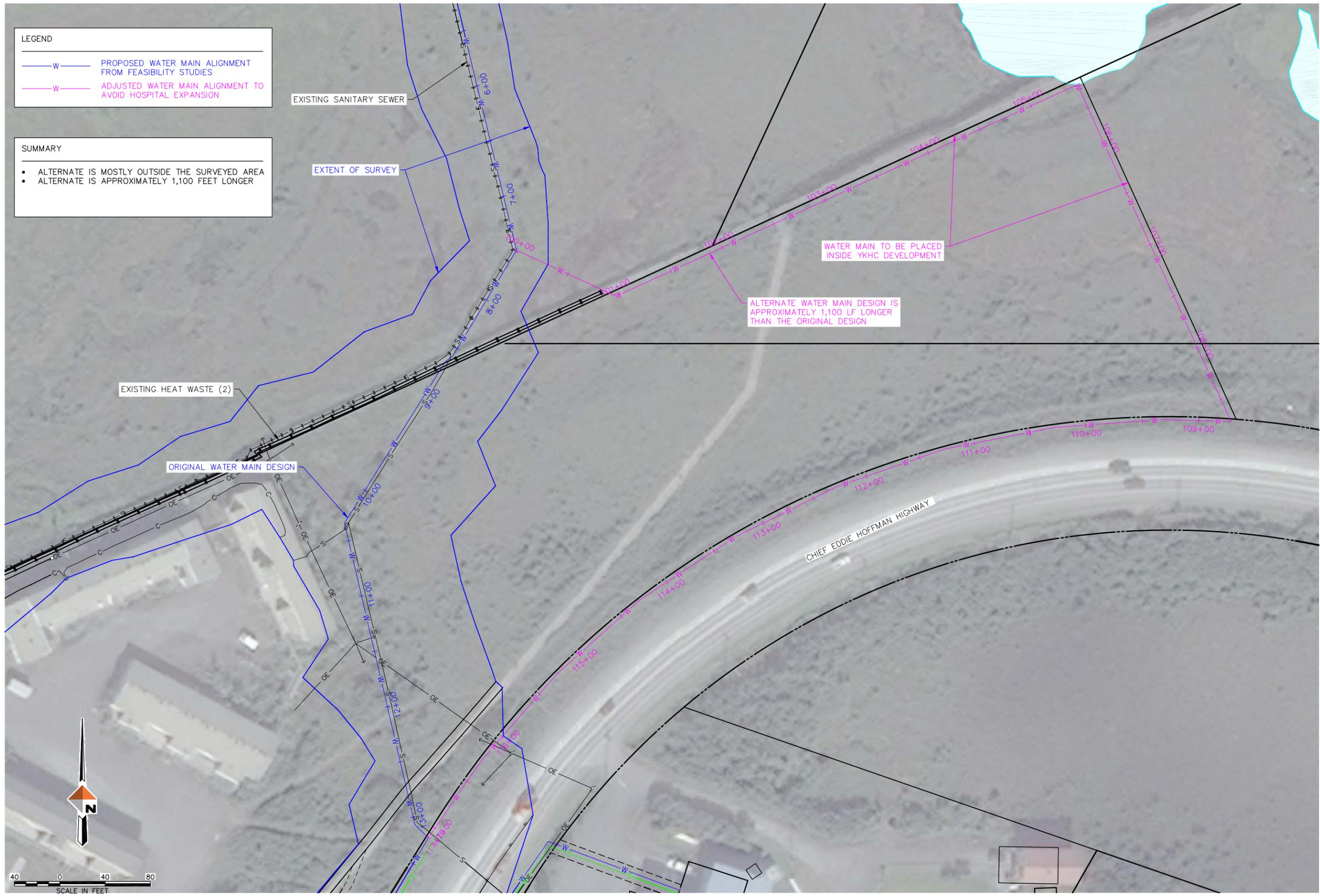
LEGEND

— W — PROPOSED WATER MAIN ALIGNMENT FROM FEASIBILITY STUDIES

— W — ADJUSTED WATER MAIN ALIGNMENT TO AVOID HOSPITAL EXPANSION

SUMMARY

- ALTERNATE IS MOSTLY OUTSIDE THE SURVEYED AREA
- ALTERNATE IS APPROXIMATELY 1,100 FEET LONGER



REV	DATE	DESCRIPTION	BY



DOWL
 WWW.DOWL.COM
 1901 Airport Way #102
 Fairbanks, Alaska 99701
 907-374-0275

INSTITUTIONAL CORRIDOR PIPED WATER SYSTEM
 BETHEL, ALASKA
 FIGURE 2. HOSPITAL EXPANSION
 RE - ALIGNMENT

PROJECT	61833
DATE	11/04/2015
© DOWL 2015	
SHEET	

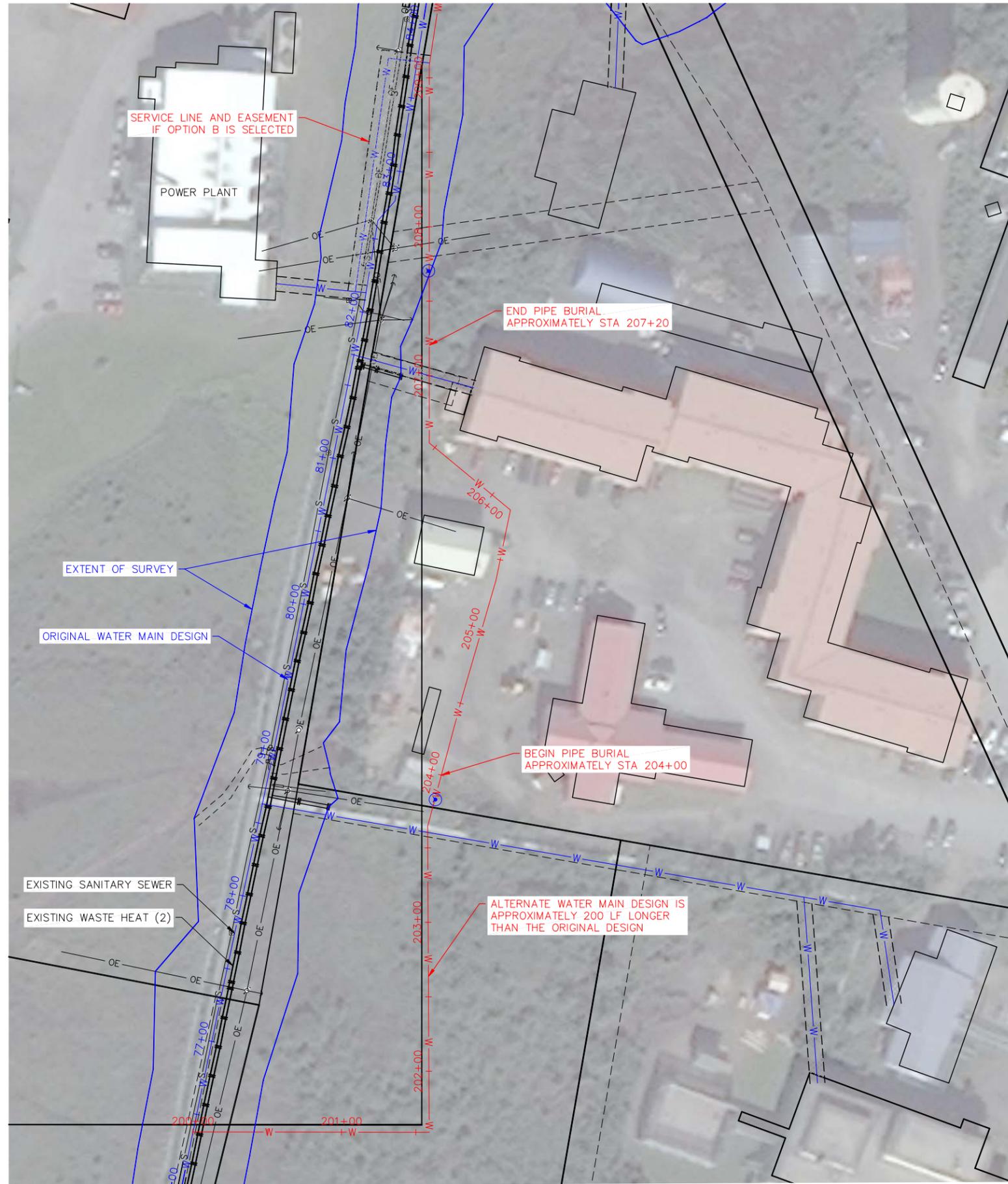
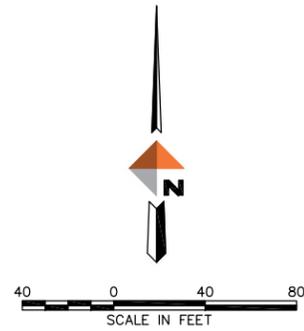
C:\Civil_3D\Projects\23\61833-01\Property\MA14-CS-ES-61833.dwg PLOT DATE 2015-11-4 15:17 SAVED DATE 2015-11-04 15:15 USER: jnicolazzo

LEGEND

- W— PROPOSED WATER MAIN ALIGNMENT FROM FEASIBILITY STUDIES
- W— ADJUSTED WATER MAIN ALIGNMENT TO AVOID SELECTED PROPERTY

SUMMARY

- ALTERNATE IS APPROXIMATELY 200 FEET LONGER
- ALTERNATE INCLUDES APPROXIMATELY 320 FEET OF BURIED WATER MAIN
- ALTERNATE INCLUDES 2 FIRE HYDRANTS



REV	DATE	DESCRIPTION	BY



DOWL WWW.DOWL.COM
 1901 Airport Way #102
 Fairbanks, Alaska 99701
 907-374-0275

INSTITUTIONAL CORRIDOR PIPED WATER SYSTEM
 BETHEL, ALASKA

FIGURE 1. NATIVE ALLOTMENT RE-ALIGNMENT

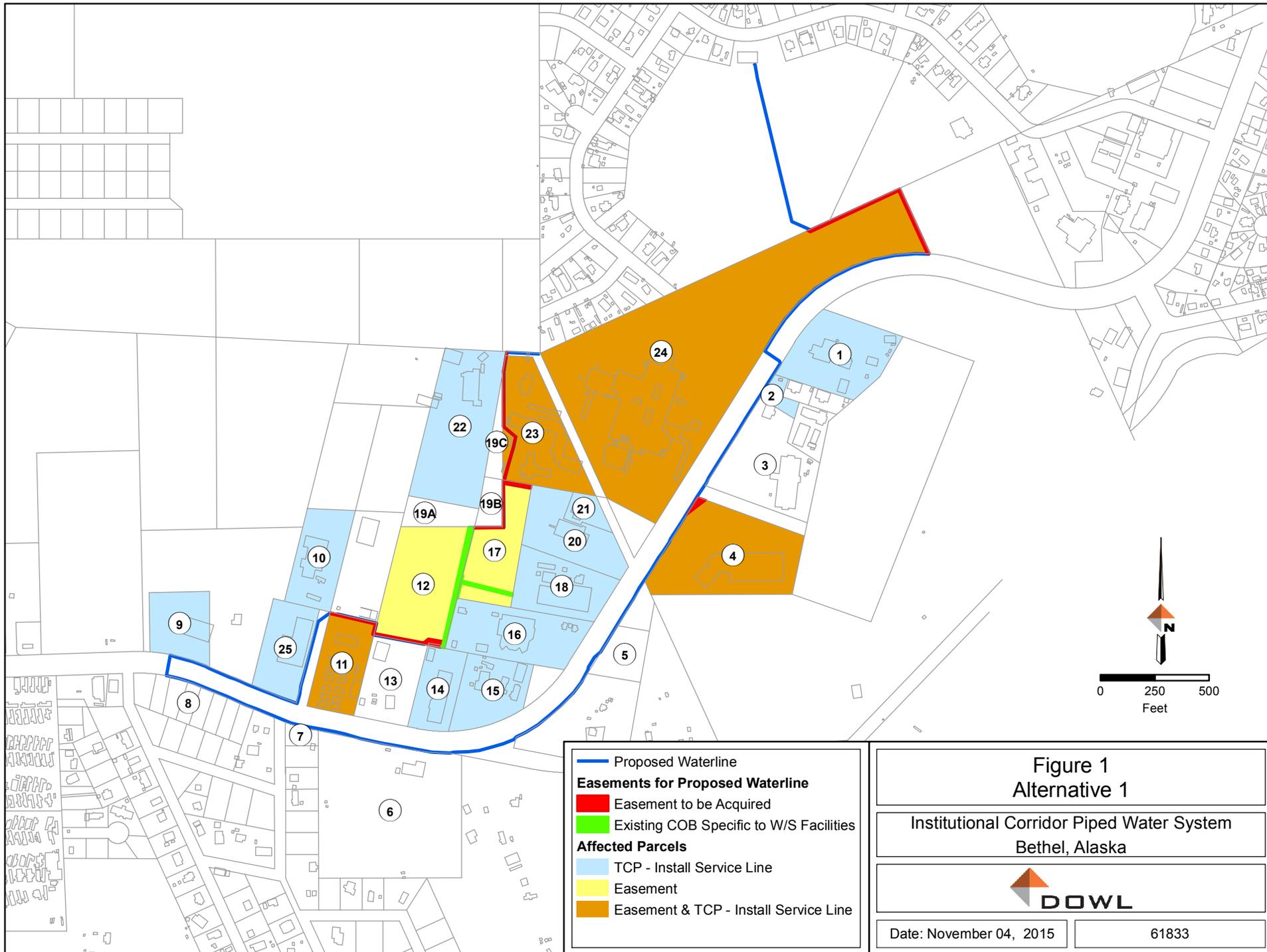
PROJECT	61833
DATE	11/04/2015
© DOWL 2015	
SHEET	

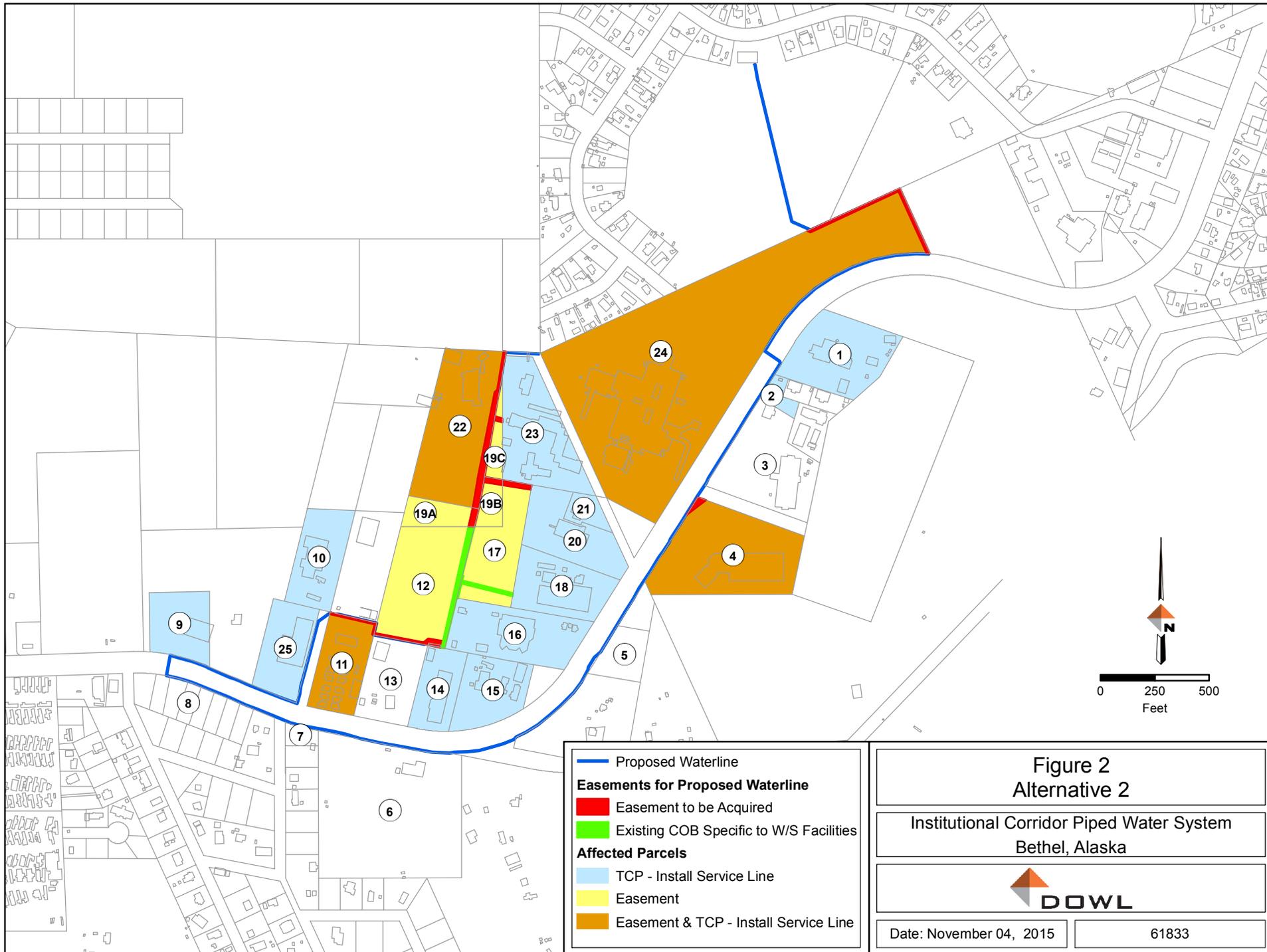
**City of Bethel Institutional Corridor Water Delivery System
ROW Easement Identification Summary 11.4.15 - Assuming Alternative 1**

Parcel #	Title	Fidelity Number	Legal Description	Owner by Title	Interests Needed
No Number	No	N/A	COB Parcel w/Water Treatment Plant		N/A
1	No	N/A	Lot 3 USS 4000		TCP - For Utility Installation & hookup
2	No	N/A			TCP - For Utility Installation & hookup
3	No	N/A			No impact to this parcel
4	Yes	F-54829	Tract 3 BNC Industrial Park - Plat 2012-3 Movie Theater	Surface - Kipusvik LLC Subsurface - Calista	ESMT - For Hydrant NW corner TCP - For Utility Installation & hookup
5	No Title ordered - These were parcels that might have hydrants if DOT/DOWL determined that the hydrants would not be permissible in the CEHH ROW				
6					
7					
8					
9	Yes	F-54830	Lot 1 Plat 2003-9	Yungcarvik LLC, an Alaska Limited Liability Company - Leased to SOA Dept of Public Health thru 11/30/2023	TCP - For Utility Installation & hookup
Dale	Yes	F-54833	Lot 10C Plat 2002-17	Catherine Ann Dale Unrecorded Lease to YKHC	No anticipated impact to this parcel
10	Yes	F-54834	Lot 10B Plat 2002-17	Yukon Kuskokwim Health Corporation, an Alaska Nonprofit Corporation	TCP - For Utility Installation & hookup

11	Yes	F-54835	Deed Lot BK 47 PG 507	Yukon Kuskokwim Health Corporation, an Alaska Nonprofit Corporation	Esmt in 'L' shape along northern property line, then south TCP - For Utility Installation & hookup
12 & 17	Yes	F-54836	Lot 53 USS 4117 (Previously Lot 7) & Lot 4C - Plat 84-18 & 84-20 Lying within Lot 54 USS 4117	Surface: Bethel Native Corporation Sub-surface: Calista Corporation	Parcel 12: Esmt along southern property line Parcel 17: Esmt along border of 17 and 19 - then over to 20
13	No	N/A	Lot 9 USS 4117	YKHC	No impact to this parcel
14	Yes	F-54837	Lot 8A2 of Plat 83-41	Yukon-Kuskokwim Health Corporation, a non-profit corporation Pre-maternal and Assisted Living Home	TCP - For Utility Installation & hookup
15	Yes	F-54838	Lot 8C Plat 2014-12	AVCP Services International, LLC Association of Village Council Presidents - Allanivik Hotel	TCP - For Utility Installation & hookup
16	Yes	F-54839	Lot 3 USS 4117	Yukon-Kuskokwim Health Corporation, an Alaska Corporation	TCP - For Utility Installation & hookup
17 See Pcl 12	Yes	See Pcl 12	Lot 54 USS 4117 (previously lot 7 of USS 4117)	Bethel Native Corporation - Surface Calista - Subsurface	Esmt - see listing in Pcl 12
18	No	N/A	Lot 61 USS 4117 Previously Lot 4B plat 84-18	Dept of Corrections - Jail	TCP - For Utility Installation & hookup

19 x3	Yes	F-54841-1	Lots 50, 52, & 55 of USS 4117	Restricted Fee Simple: Native Allotment to Heirs of Annie David: Carrie Nelson, Dora David, Anna Thompson David and Matilda Davidson each a 1/4 undivided interest as tenants in common	Currently assuming the project will be designed with no impact to this parcel
20/21	Yes	F-54842	Lot 4A3 Plat 2013-15	State of Alaska, Department of Transportation and Public Facilities	TCP - For Utility Installation & hookup
22	Yes	F-54843	Lot 6 USS 4117	Alaska Village Electric Cooperative, Inc.	Assuming a TCP only for this parcel as the project intends to bypass parcel 19 which will mean an easement on 23 to reach the ROW along the north edge of 23.
23	Yes	F-54844-1	Lot 49 USS 4117	Yukon-Kuskokwin Health Corporation, an Alaska Corporation - Surface Calista Corporation - Subsurface	Esmt to bypass parcel 19 TCP - For Utility Installation & hookup
24	Yes	F-54845	Lot 2 USS 4000	United States of America (May be a recent conveyance to YKHC - Post title report)	Esmt to cross along the existing sewer line or follow boundary of property line around the Hospital expansion TCP - For Utility Installation & hookup
25	Yes	F-54846	Lot 1 Plat 2000-8	US Postal Service (see title for full vesting)	TCP - For Utility Installation & Hookup
			Indicates parcels where an easement and a TCP are necessary		
			Indicates parcels where only an easement is necessary		
			Indicates parcels where only a TCP to install service lines is necessary		
			Indicates parcels that have a surface and subsurface owner		
Type in Blue lettering			Those easements specifically to the City of Bethel - that can be used for this project		





— Proposed Waterline
Easements for Proposed Waterline
— Easement to be Acquired
— Existing COB Specific to W/S Facilities
Affected Parcels
■ TCP - Install Service Line
■ Easement
■ Easement & TCP - Install Service Line

Figure 2
Alternative 2
 Institutional Corridor Piped Water System
 Bethel, Alaska


DOWL

Date: November 04, 2015 61833

MEMORANDUM

DATE: 11/01/2015
TO: Ann Capela, City Manager
FROM: Muzaffar Lakhani, Public Works Director
SUBJECT: Manager's Report –

Programs/Divisions:

Utility Maintenance (Foreman Bill Arnold):

We are finishing up with the fall discharge of the lagoon. We started the discharge of the Lagoon on 9/14/15 with a total of 235million gallons of sewage discharged. The city had an engineer to come out and look at CS Water Treatment Plant on Oct. 12th 2015 to help confirm some of the operational issues (draft report attached). We are taking actions per the recommendations of this report. i) The request for Bids to purchase Anthracite is been sent out. ii) The differential pressure gauges have been adjusted to accommodate the absence of some of the filter media (Anthracite). iii) Temperature Controls on the loops were not functioning properly. We have ordered new Honeywell Controls to replace the old ones. iv) Energy audit of the Treatment plant is recommended. We are in process of getting the quotes for this. v) Preheating of water has been made dormant per the recommendation of the report. vi) Air scour limit switch has been opened full to avoid the dead zone in the bed. Vii) The water storage tank is kept at minimum temperatures using mixers. Viii) With regards to the well pump: We have fixed frequency drive installed. The electrician is working upon a quote to install the VFD (Variable Frequency Drive). ix) The backwash meter was not functional; this has been sent out for calibration. x) The turbidity meter has been adjusted as required by the Hach to correct the amount of flow.

The sewer lines in Bethel Heights subdivision are still a challenge as always, because of the heaving and sinking piles with the change in the weather.

Hauled Utilities (Foreman Jim Colonel): For October, we delivered nearly 2.75 million gallons of water, with an average of 37 stops per truck per day, and 2.3 million gallons of sewage with an average of 39 stops per driver per day.

The garbage truck collected approximately 3500 cubic yards of trash,

delivered

to the landfill, with an average of 53 stops per day.

The on-going and ever growing problem of citizens dropping their furniture, equipment, mattresses, appliances etc. in front of, and around the dumpsters continues. The city staff faces this problem every. This takes a lot of man hours and equipment hours for the city to clean this on a regular basis. Some kind of camera system around the dumpsters should be installed to catch the violators. Educational announcements on radio and in news papers shall be helpful. This kind of solid waste should be brought directly to the landfill and not be dumped at the dumpster sites.

Property Maintenance (Foreman Clair Grifka):

We have been going through some employee training this past month and more to follow. Maintaining heat in our buildings with our fluctuating temperatures is a constant chore (to warm or to cold) to keep everyone happy. Equipment generally shows signs of wear/ replacement with the change of the seasons. We have been installing more exterior L.E.D. lighting when we can. We did get a Contracted Electrician, Tec-Pro, to help with projects that we don't have the experience/expertise to do in house.

We have been assisting other departments with some of their projects and preparing buildings for winter. Windows, doors and plumbing issues are always keeping us busy with adjustments and worn out parts. Thank you.

Road Maintenance, Foreman Jimmy Flemings:

Streets and Roads crews have been hauling gravel to patch the bad roads throughout the city, hoping that they will hold during the winter freeze. Keeping the roads smooth and safe is the goal.

Streets and Roads arranged with Knick to open their yard for a day enabling us to haul the gravel for Bethel Police Department parking lot. We capped of the PD parking lot in the back of the building with the gravel and made it smooth. Worked extending the Fire Department parking lot by adding few loads of gravel and leveling it off.

Added few loads of gravel to the city hall parking lot and leveled it off.

Dug up and reinstalled several culverts in front and back of the properties around the town.

Hauled dirt to landfill and laid the cover on the trash before the snow and

freeze. We are now hauling more dirt and mixing with the road salt to make a pile at the north side of the shop for use this winter. Hauling more dirt at the dump to use as cover over the winter.

We used 76 super sacks of salt to mix the road sand pile that we will be used this winter. Last year we used the most sand on the roads in the 22 years, that I have worked at the city, due to all the rain we had last year. This is what we will use in our road sander this winter when the roads are ices and slippery

Vehicles and Equipment (Foreman Jim Colonel): For October in the shop, it has been a tough month, given we have lost 2 mechanics in as many months with no applicants it is going to be difficult for 2 mechanics to keep pace or even catch up and keep pace with the rolling stock within all of the city of Bethel. The police and fire dept should have their own mechanics and budgets. This would, I feel alleviate a lot of friction between all departments throughout the city. Especially since the placement of the new p-card system.

Transit System (transit Manager Bill Ferguson):

As you're aware the roads are full of pot holes and covered with mud. They're starting to take a toll on the buses, as I'm sure it does on all vehicles. Bus 436 is down and the rear axle will need to be replaced. We've had several flats and I replace the summer tires on Bus 439 with the winter snow studded tires. I ordered new studded snow tires, for bus 437 and 438, last spring (April) and the company hasn't sent them yet. I need to check with them and see when they'll ship them out...we don't need them next summer. I've had to wash the buses everyday and sometimes twice a day to keep them somewhat clean. Being able to house them in the Transit Bus Barn has helped us to provide routine maintenance and with all the vandalism it's a secure place for them

John Sargent, City Grant Manager, has finished the RFP for the Bus Stop Shelters and the administration and City Council will review it for approval. Hopefully it'll be on the street by the end of the month. He's working on the RFP for the new buses. The State has just finished the draft of the RFP for Cut Away Buses and it should be finalized by the end of the month. In the mean time John is working on one, that parallels, the State's and he should be finished with it by next week and it should go to the Administration /City Council for their approval by the end of the month. It's important to get the bus RFP out and back before Christmas as it takes 4 to 6 months for the company to put the bus together and get it ready for shipment. The new Bus Stop Shelters will play a critical role in the increase in our ridership; it not only will provide protection from the weather for the ridership but it will also provide identification for the Transit System. The new buses will help in providing dependability and reliability for service.

DOT has the new FY 17 grant application available and it's due back to them the first part of December. We know that the grant will require a matching fund and we're in hopes that some of the local business and agencies will help here. We're in the process of contacting ONC, AVCP, Calista, and YKHC to see if they'd be willing to help in providing part of the match amount. It's important for the various agencies to know that the Transit system is the back bone for transportation for many of the local people. Last year, July 1, 2014 to June 30, 2015, the total ridership was 18,708, of which about 25% (4,593) were elders, with a marginal fixed income, and about 38% (7,177) went to and from the YKHC hospital/dental/optometry services. Of the total ridership ninety to ninety-five percent (17,700+) are regular riders of which fifty percent (8,800+) of these go to and from work.

Bethel Transit System goal for the FY 2016 is to show a 20-25 percent increase in ridership / revenue. I think we can do this by providing better and more dependable / reliable service for our passengers.

Landfill / Recycle Center (Landfill Manager David Stovner):

The landfill has been covering trash as dump trucks come available to haul cover material. We have covered a good portion of the dumpster trash and the construction debris this month. Before covering the construction debris I put a layer of dumpster trash on it and compacted it so it would be easier to cover by not having stuff sticking up, therefore it took less cover material. I will continue to do this as we move on toward the back of this debris field. Since this is what we have been doing this month it was necessary to start a new construction debris site which will eventually tie into the old site.

Johnethan Phillips brought all the cover material up here and even pushed it and he did a great job,

The surface water sampling outside the landfill was done in a timely manner and at this time I am still waiting for the results so that I can send a report to the DEC.

At this time we have not as yet received the landfill inspection report. The inspection was done by Doug Huntman a couple of months ago and I am eager to receive the report so I can pat myself and Gary McElwee on the back for a job well done. I might add that Gary buried a bunch more steel this fall thus far. He has done outstanding work for the landfill as time allows away from his main job as a grader operator for streets and roads.

Staffing Issues/Concerns/Training:

Having a hard time getting applications for the positions of V&E Mechanics, two positions are vacant currently.

We are short of two utility drivers positions.

The parts clerk got transferred to Finance department, so we are looking to fill up this position as well.

