



June 15, 2018

## PUBLIC NOTICE (01-18)

All interested parties are notified that an application from the City of Nenana has been received by the Commander, Seventeenth Coast Guard District, for Bridge Permits for five bridges over multiple navigable waterways of the United States.

**WATERWAY AND LOCATION:** mile 0.6 of the Nenana River and its unnamed side channel, and mile 0.4 of the Little Nenana, East Middle and West Middle Rivers, near the city of Nenana, milepost 304.5 of the Parks Highway, Alaska.

**CHARACTER OF WORK:** The proposed project entails: 1) completion of construction of two permanent fixed bridges across the main channel of the Nenana River approximately 0.6 miles upstream of the confluence of the Nenana and Tanana Rivers; and 2) retain three existing unpermitted fixed bridges over distributaries of the Teklanika River (a tributary of the Nenana River) for beneficial use of the public. The two new bridges would link the area to the existing road/highway system by connecting 10<sup>th</sup>. Avenue in the City of Nenana to the Totchaket Road on the west side of the Nenana River. The three unpermitted bridges will be permitted and retained as part of the current Totchaket Road infrastructure. These five bridges are all part of a planned transportation system aimed at providing all-season access to the Nenana-Totchaket Area (NTA), consisting of approximately 650,000 acres of undeveloped public and private lands located west of the City of Nenana (City) between the Nenana and Kantishna rivers.

The centerline of the main channel for the proposed bridges is (approximately) at latitude 64° 33' 23.50" N and longitude 149° 6' 59.78" W. The centerline of the existing bridges are (approximately): Little Nenana River (64° 33' 30.30" N, 149° 7' 35.93" W), East Middle River (64° 33' 37.16" N, 149° 11' 7.67" W) and West Middle River (64° 33' 36.96" N, 149° 13' 2.15" W). All bridges are near the city of Nenana, milepost 304.5 of the Parks Highway, Alaska.

The proposed construction of the bridges of the side channel and the Nenana River is concrete spans with steel piles and sheet pile abutments. The Nenana side channel construction is steel piles with concrete pile caps supporting concrete tri-deck beams and will be 32.5 feet wide 43.75 feet long, abutment to abutment. The main crossing will have steel piles with concrete pile caps supporting three pre-cast bulb-tee spans and will be 35.0 feet wide and 444.0 feet long, abutment to abutment. A built-up roadway across the unnamed island between the side channel and the main channel will connect these. The existing three crossings are all Steel beams with timber cross members and timber and earth decking. The Little Nenana River Bridge is 14.0 feet wide and 77.0 feet long. The horizontal clearance between abutments is 56.0 feet and the vertical clearance is 8.0 feet above Ordinary High Water (OHW), elevation 344.16 feet (NGVD 29). The East Middle River Bridge is 14.0 feet wide and 77.0 feet long. The horizontal clearance between abutments is 56.0 feet and the vertical clearance is 8.0 feet above OHW, elevation 349.86 feet (NGVD 29). The West Middle River Bridge is 14.0 feet wide and 77.0 feet long. The horizontal

clearance between abutments is 56.0 feet and the vertical clearance is 8.0 feet above OHW, elevation 348.06 feet (NGVD 29). The length as well as horizontal and vertical clearances will remain unchanged for these bridges within this project.

No fender system will be installed on the crossing for either the side channel or the main channel of the Nenana River. The existing bridges on the other waterways do not have fender systems, nor will any be installed.

**MINIMUM NAVIGATIONAL CLEARANCES:**

**PROPOSED BRIDGES**

**Nenana River Main and Side Chanel Crossing**

**Unnamed-Side Chanel**

Mile Mark: 0.6  
Horizontal: 43.75feet  
between abutments  
Vertical: 8.25 feet above Ordinary High  
Water (OHW), elev. 353.6. (NGVD 29)

**Main Chanel**

Mile Mark: 0.6  
Horizontal: 143.0 feet  
between piers  
Vertical: 12.0 feet above  
OHW, elev. 364.1ft. (NGVD 29)

**EXISTING/ TO-BE-PERMITTED BRIDGES**

**Little Nenana River**

Mile Mark: 0.7  
Horizontal: 56.0 feet  
between abutments  
Vertical: 8.0 feet above  
Ordinary High Water (OHW),  
elev. 344.16ft. (NGVD 29)

**East Middle River**

Mile Mark: 0.4  
Horizontal: 56.0 feet  
between piers  
Vertical: 8.0 feet above  
Ordinary High Water (OHW),  
elev. 349.86ft. (NGVD 29)

**West Middle River**

Mile Mark: 0.4  
Horizontal: 56.0 feet  
between piers  
Vertical: 8.0 feet above  
Ordinary High Water (OHW),  
elev. 348.06ft. (NGVD 29)

The three existing bridges did not have Coast Guard permits when they were built. They were constructed as part of the, recently completed, Totchaket Road Project, located on the west side of the Nenana River. In lieu of removal, or other enforcement actions, these structures will be permitted and allowed to remain in as-is condition. The above information is being used to complete their permits. The completion of construction on the two new bridges, over the Nenana River and its side channel, will be allowed to proceed in lieu of removal even though they did not receive the required Coast Guard Bridge Permits prior to construction, as required by federal regulation. When completed, all of these bridges will provide a hard link between the existing roads on either bank, allowing for year-round access to undeveloped land.

### **ENVIRONMENTAL CONSIDERATIONS:**

The U.S. Coast Guard (USCG) is the lead federal agency for satisfying the requirements of the National Environmental Policy Act (NEPA) (40 CFR § 1506.11).

An Environmental Assessment (EA) was completed on June 15, 2018. The Coast Guard anticipates a Finding of No Significant Impact (FONSI) based on contents of the EA and comments received as a result of this public notice. These documents contain all environmental data and documents relevant to the proposed waterway crossings over the Nenana River main channel and side channel, the Little Nenana River, the East Middle River, and the West middle River. Documents relative to the EA and the proposed permit will be available for review at the address indicated in the last paragraph of this notice, Monday through Friday from 7:30 a.m. to 3:00 p.m. except federal holidays.

The proposed construction will be within the floodplain (however, not covered under FEMA flood maps). The previously constructed un-permitted bridges are within the flood plain. The 100-year floodplain elevation of the bridges are: 360.5 feet (NGVD 29) for the Nenana and side Channel, 356.96feet (NGVD 29) for the Little Nenana River, 360.5 feet (NGVD 29) for the East Middle River, and 356.19feet (NGVD 29) for the West Middle River. Low steel (bottom of the bridge) of the to-be-completed bridges are above the flood plain. The estimated cost of the proposed project is \$11,000,000.00.

Water Quality Certification (WQC) is required in accordance with Section 401 of the Clean Water Act. The proposed project received a WQC under a U.S. Army Corps of Engineers Nationwide Permit (NWP) Number 14, issued October 24, 2017. Alaska Department of Environmental Conservation (ADEC) has conditionally certified, by Letter of Reasonable Assurance (dated March 1, 2017) that the activities authorized by a USACE NWP 14 should not result in a violation of established Alaska Surface Water Quality Standards as required by Section 401 of the Federal Clean Water Act and pursuant to Alaska state law.

The State of Alaska does not have a Coastal Zone Management Program (CZMP).

The project is not located within a nonattainment area or maintenance area for any criteria pollutant under the National Ambient Air Quality Standards (NAAQS).

Informal consultation with USFWS and NOAA Fisheries under Section 7 of the Endangered Species Act was conducted by USACE in the issuance and re-issuance of NWPs 14 and 25, and as part of the pre-construction notification process in 2009 and 2013. These permits were for construction of the Totchaket Road project (which included construction of the three existing-to-

be-retained bridges) and the Barge landings at the spot where the Nenana River Bridges will be constructed. At that time the agencies stated, no unique, critical, designated or proposed designated habitat for the listed species exists in or near the proposed project area. USFWS was consulted via email on January 18, 2018, to verify the applicability of their previous comments. No response was received from USFWS.

The proposed bridges are anticipated to have no significant effect on the human environment. No additional right-of-way or construction easements will need to be acquired for the project, and no relocations of residences or businesses will be required.

No parklands, recreational areas, archaeological sites, waterfowl or wildlife refuges will be affected by the proposed bridge project. No prime or unique farmland will be impacted by the proposed project and no significant effects on public utilities, fire protection, or other emergency services are anticipated. No wild and scenic rivers or wildlife management areas exist at the proposed project site. No new wetlands will be impacted by the retention of the three existing bridges. No Wetlands will be impacted by the construction of the bridges over the side channel or main channel of the Nenana River. Any wetland disturbance associated with any of these five bridges has already taken place under previous projects.

It was not anticipated that this project would have any adverse impacts on Essential Fish Habitats (EFH) or federally managed fisheries. However, an application was sent and concurrence was requested from National Marine Fisheries Service (NMFS). NMFS responded with the following statement:

“NMFS has reviewed the details of the proposed action (bridges) for the City of Nenana and the determination of "no adverse effect to EFH". NMFS agrees and offers no further EFH conservation measures. Thus, Sec. 305 of the Magnuson Act and associated Essential Fish Habitat consultation is satisfied”.

### **SOLICITATION OF COMMENTS:**

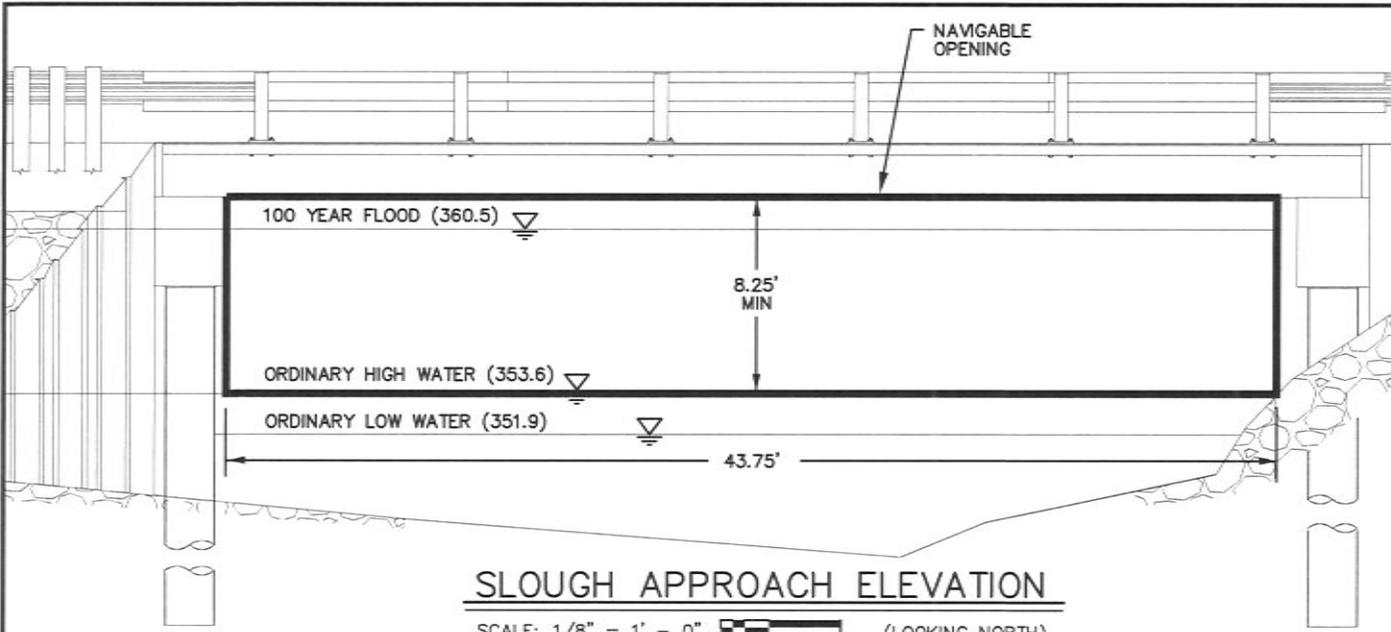
Interested parties are requested to submit comments on the proposed bridge project, and on the possible need for lighting, clearance gauges, and other navigational safety issues. Interested parties are requested to express their views, in writing, on the proposed bridge project, including its possible impact on minority and/or low income population, if any, giving sufficient detail to establish a clear understanding of their reasons for support of or opposition to the proposed work. Comments will be received for the record at the Office of the Commander, Seventeenth Coast Guard District (dpw), P.O. Box 25517 Juneau, Alaska 99802, through July 15, 2018. These comments will be made part of the case record.

Map of location and plans attached.



JAMES N. HELFINSTINE  
Bridge Administrator  
United States Coast Guard  
By direction

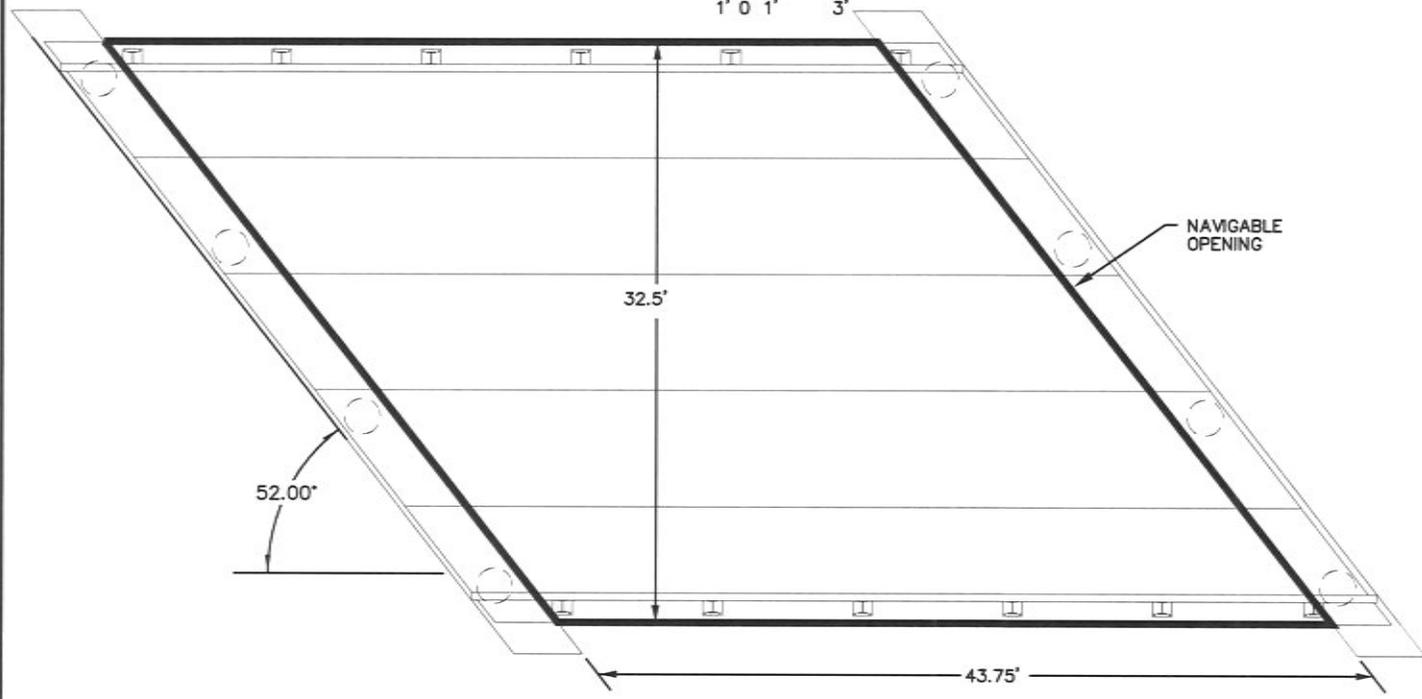




**SLOUGH APPROACH ELEVATION**

SCALE: 1/8" = 1' - 0" (LOOKING NORTH)  
 1' 0' 1' 3'

- NOTES:
1. ELEVATIONS ARE REFERENCED TO NGVD29.
  2. BRIDGE DESIGN MEETS AMERICAN ASSOCIATION OF STATE HIGHWAY AND TRANSPORTATION OFFICIALS STANDARDS.

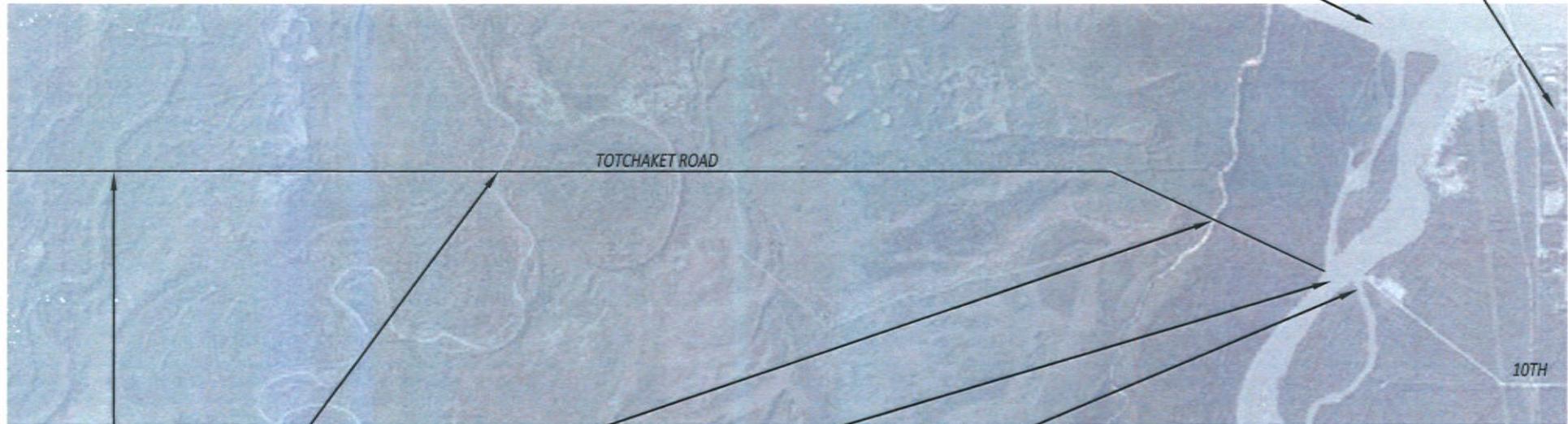
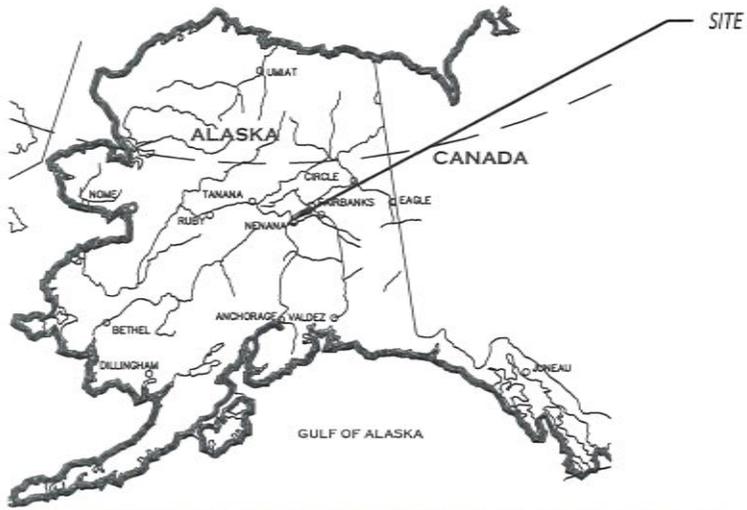


**CROSSING PLAN**

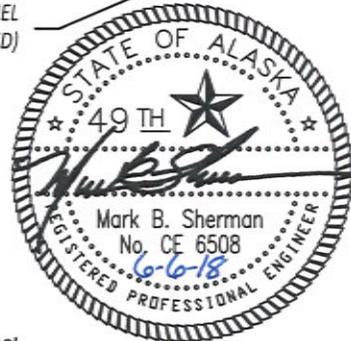
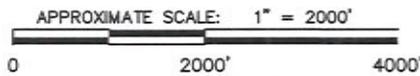
SCALE: 3/32" = 1'-0"  
 1' 0' 2' 4'



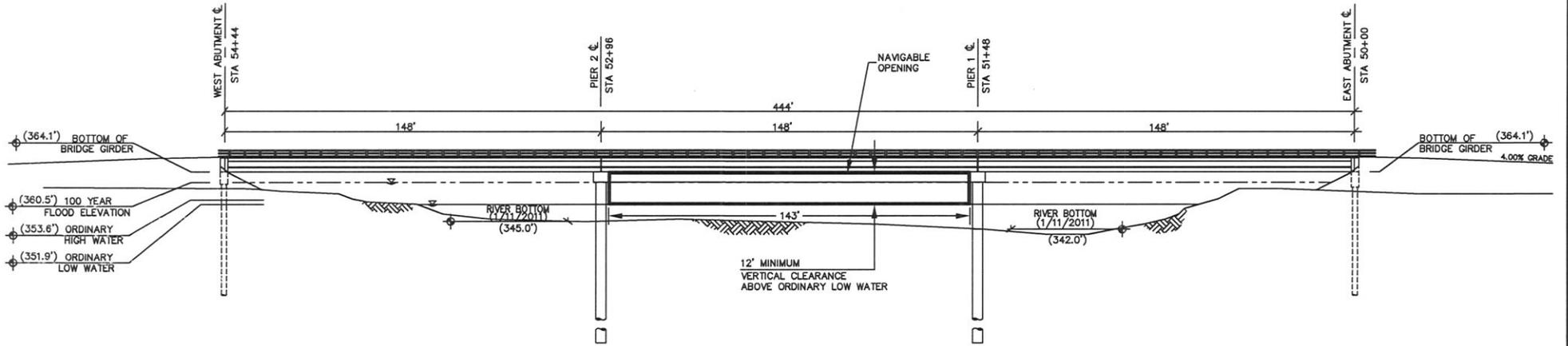
May 24, 2018 SHEET 2 OF 2
CITY OF NENANA ALASKA
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TOTCHAKET ROAD NENANA SIDE CHANNEL BRIDGE NENANA, AK 0.6 MILE NENANA RIVER
BRIDGE PLAN AND ELEVATION



- WEST MIDDLE RIVER BRIDGE (EXISTING)
- EAST MIDDLE RIVER BRIDGE (EXISTING)
- LITTLE NENANA RIVER BRIDGE (EXISTING)
- NENANA RIVER BRIDGE (PROPOSED)
- NENANA SIDE CHANNEL BRIDGE (PROPOSED)



May 24, 2018 SHEET 1 OF 2
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<b>TOTCHAKET ROAD NENANA RIVER BRIDGE</b> NENANA, AK 0.6 MILE NENANA RIVER
VICINITY MAP

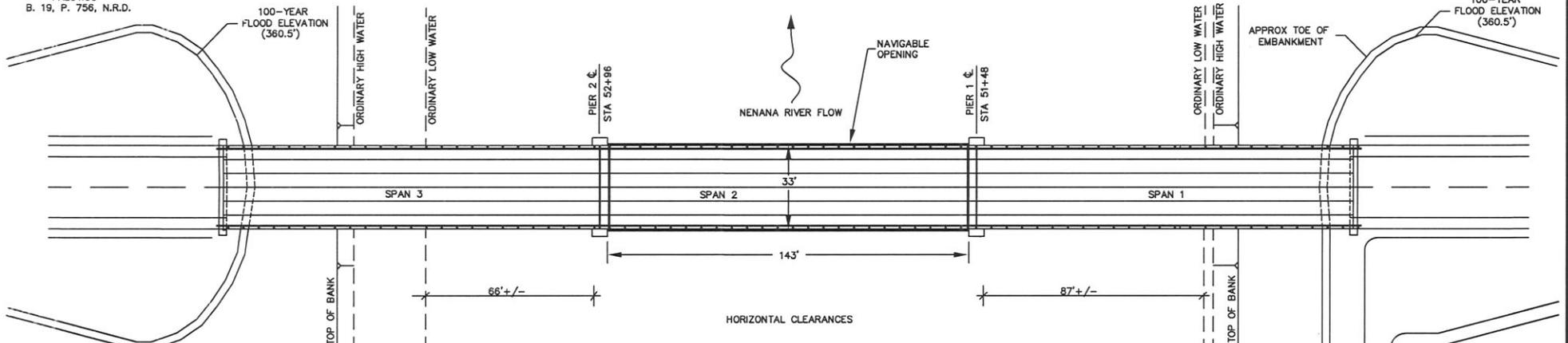


**BRIDGE ELEVATION**

SCALE: 1"=60'

ABUTTING OWNERSHIP:  
FRANCIS AND MARCIS  
FALOTICO  
B. 19, P. 756, N.R.D.

ABUTTING OWNERSHIP:  
MENTAL HEALTH  
TRUST



**BRIDGE PLAN**

SCALE: 1"=60'

ABUTTING OWNERSHIP:  
DOYON LTD

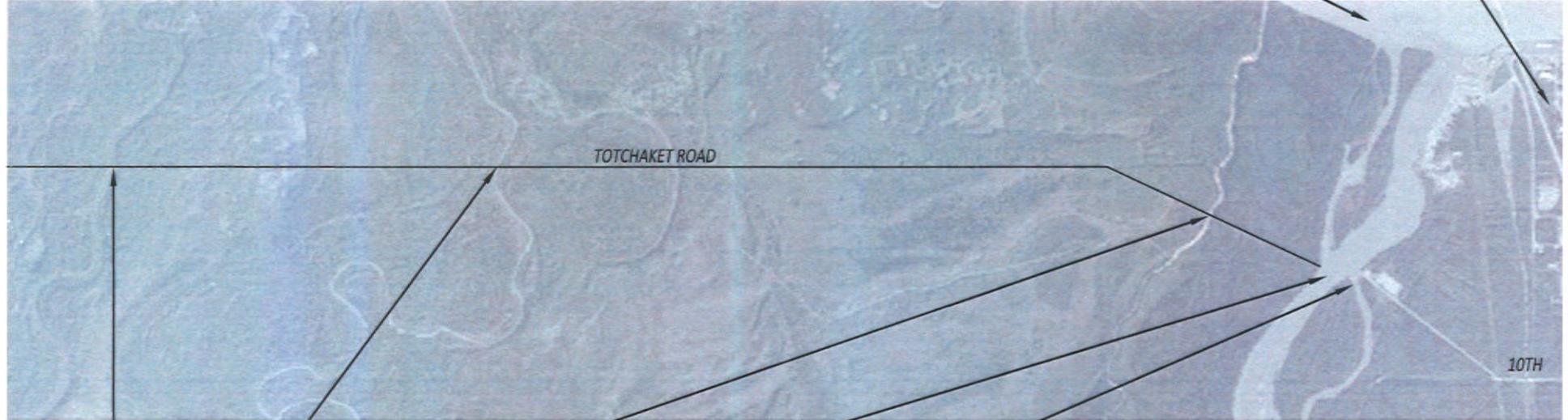
ABUTTING OWNERSHIP:  
MENTAL HEALTH  
TRUST



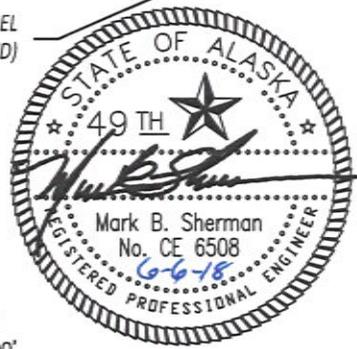
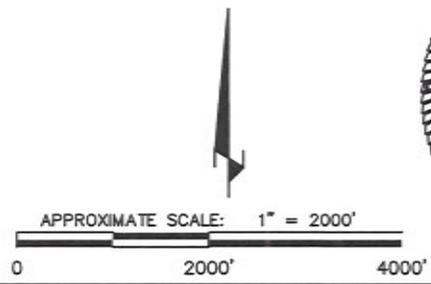
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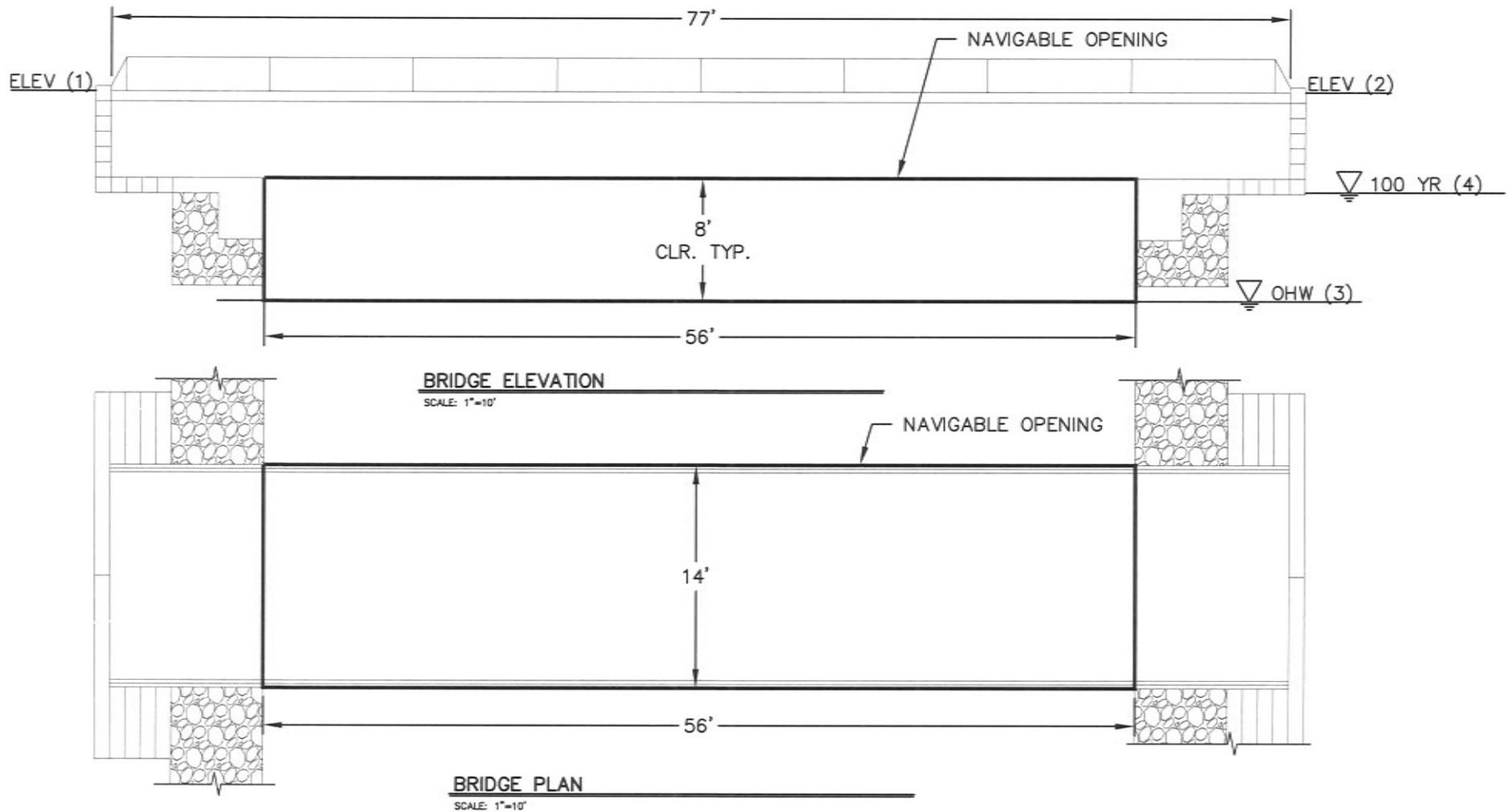
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BRIDGE PLAN AND ELEVATION



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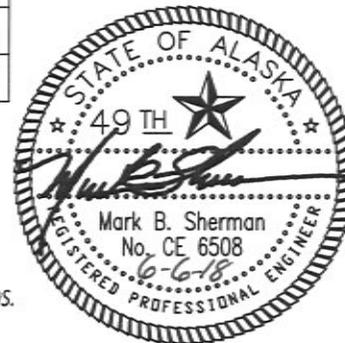
<p>May 24, 2018 SHEET 1 OF 2</p>
<p>CITY OF NENANA ALASKA</p>
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<p>TOTCHAKET ROAD LITTLE NENANA RIVER BRIDGE NENANA, AK 0.6 MILE LITTLE NENANA RIVER</p>
<p>VICINITY MAP</p>



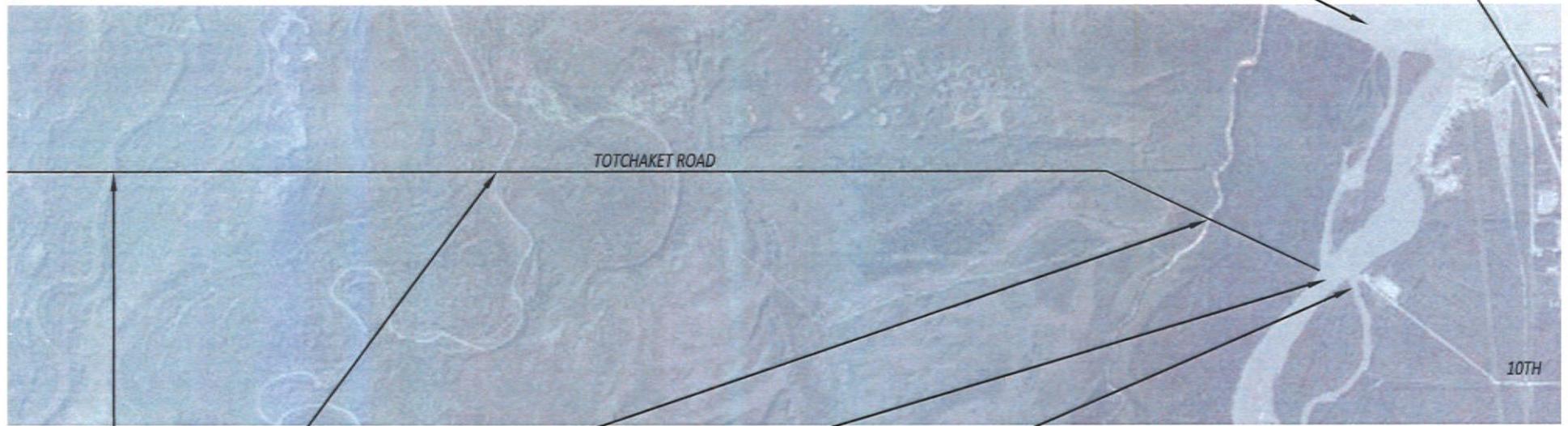
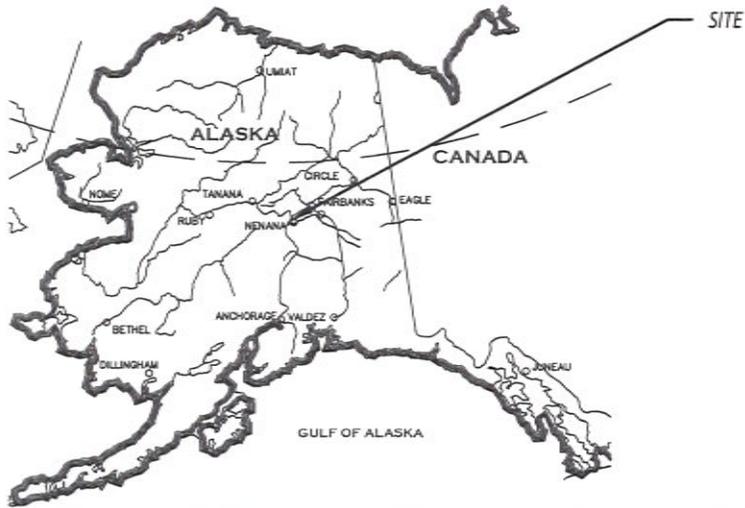
BRIDGE LOCATION	ELEVATIONS (FT)			
	ABUTMENT (1)	ABUTMENT (2)	OHW (3)	100 YR (4)
LITTLE NENANA RIVER	357.69	358.67	344.16	351.26

**NOTES:**

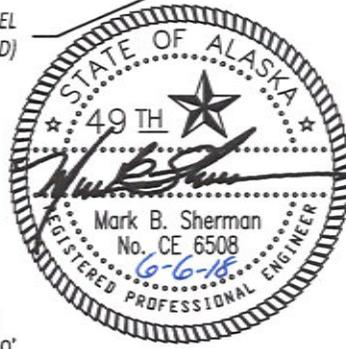
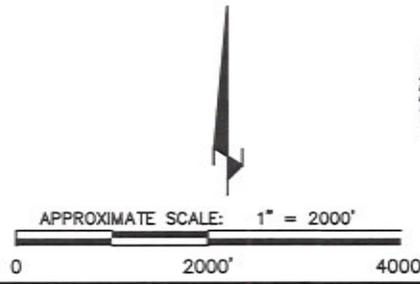
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2. ELEVATIONS ARE REFERENCED TO NGVD29.
3. BRIDGE DESIGN MEETS AMERICAN ASSOCIATION OF STATE HIGHWAY AND TRANSPORTATION OFFICIALS STANDARDS.



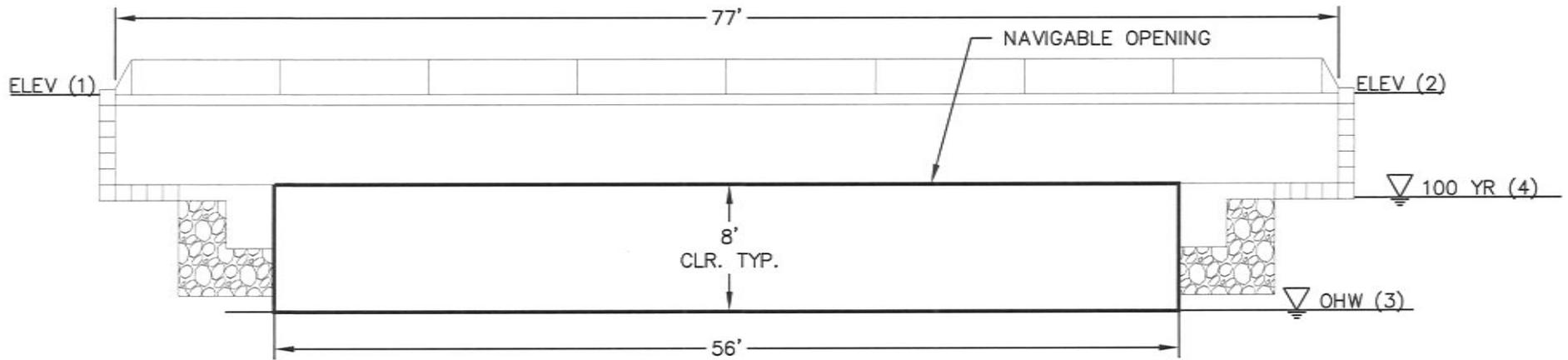
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TOTCHAKET ROAD LITTLE NENANA RIVER BRIDGE NENANA, AK 0.6 MILE LITTLE NENANA RIVER
BRIDGE PLAN AND ELEVATION



- WEST MIDDLE RIVER BRIDGE (EXISTING)
- EAST MIDDLE RIVER BRIDGE (EXISTING)
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- NENANA RIVER BRIDGE (PROPOSED)
- NENANA SIDE CHANNEL BRIDGE (PROPOSED)

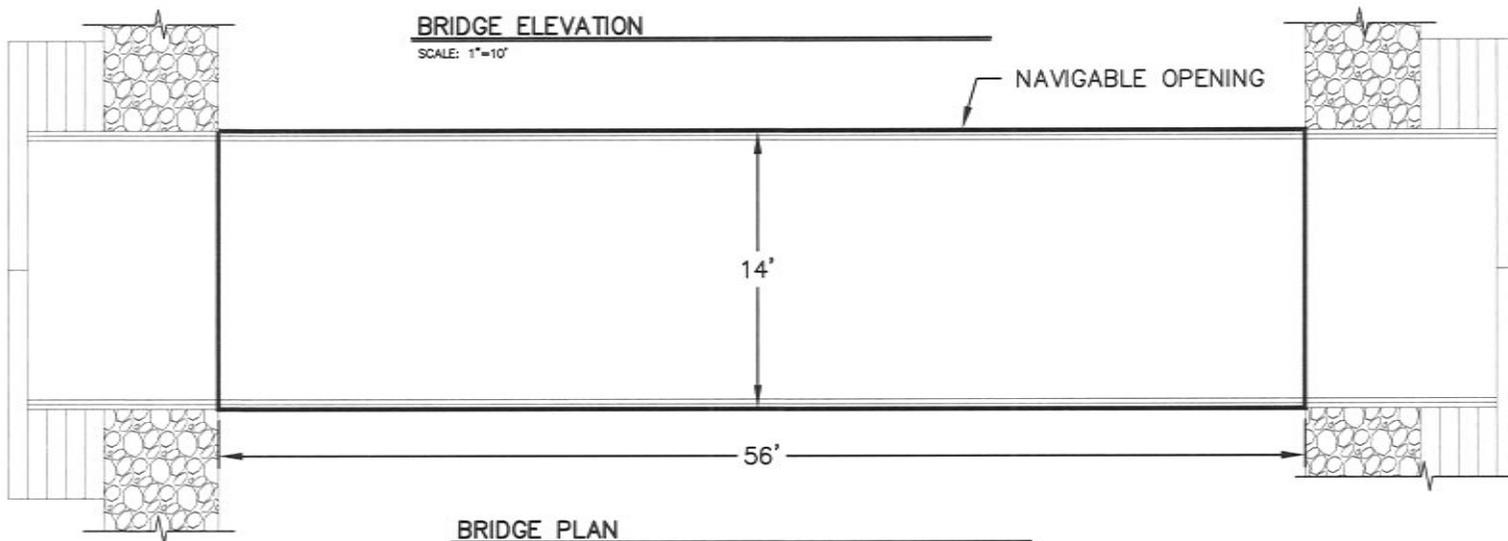


March 16, 2018 SHEET 1 OF 2
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TOTCHAKET ROAD EAST MIDDLE RIVER BRIDGE NENANA, AK 4.0 MILE EAST MIDDLE RIVER
VICINITY MAP



**BRIDGE ELEVATION**

SCALE: 1"=10'



**BRIDGE PLAN**

SCALE: 1"=10'

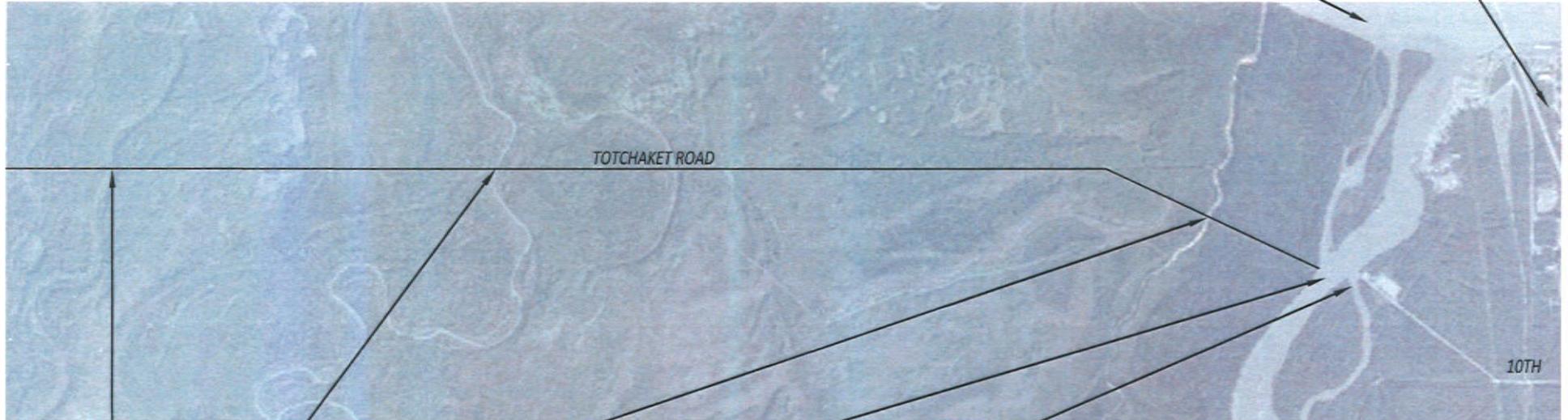
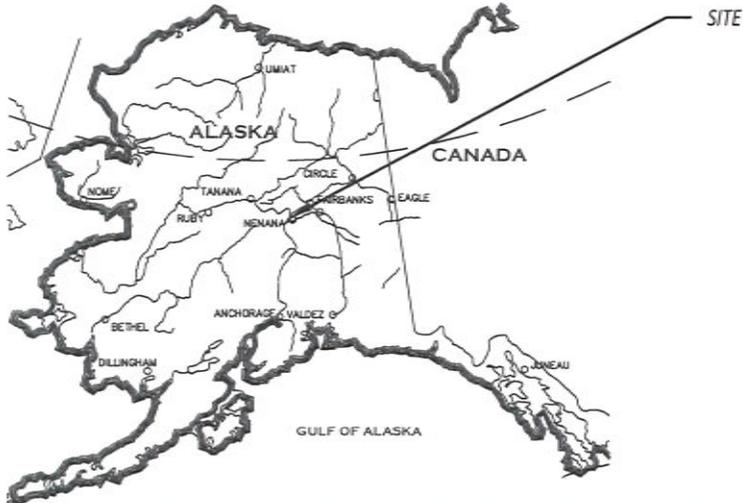
BRIDGE LOCATION	ELEVATIONS (FT)			
	ABUTMENT (1)	ABUTMENT (2)	OHW (3)	100 YR (4)
EAST MIDDLE RIVER	364.1	363.58	349.86	356.96

**NOTES:**

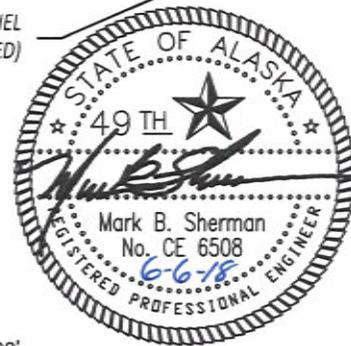
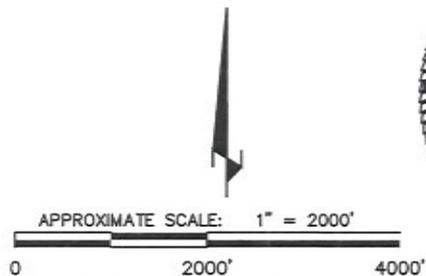
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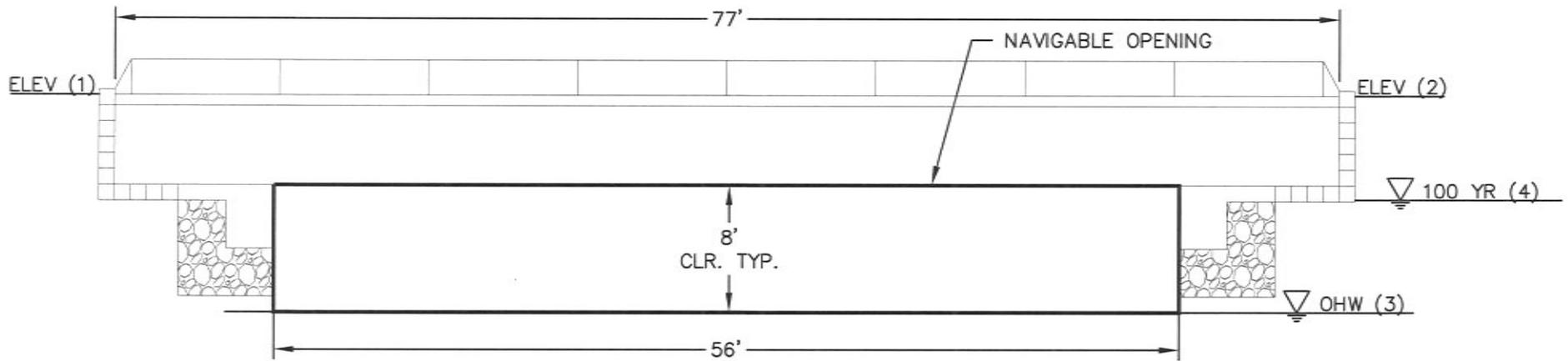
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TOTCHAKET ROAD EAST MIDDLE RIVER BRIDGE NENANA, AK 4.0 MILE EAST MIDDLE RIVER
BRIDGE PLAN AND ELEVATION



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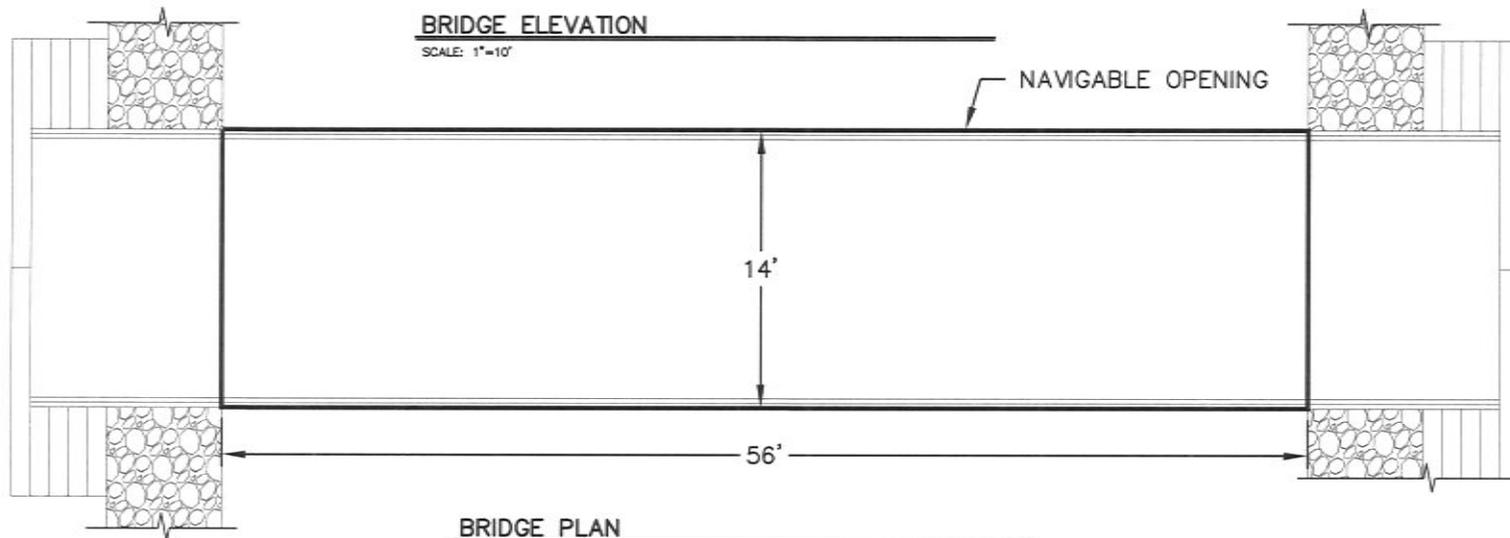


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TOTCHAKET ROAD WEST MIDDLE RIVER BRIDGE NENANA, AK 4.0 MILE WEST MIDDLE RIVER
VICINITY MAP



**BRIDGE ELEVATION**

SCALE: 1"=10'



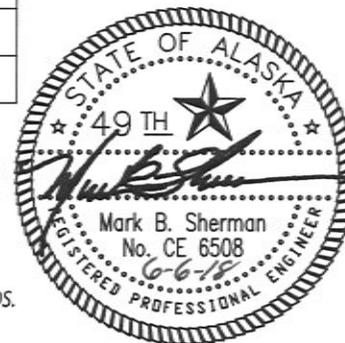
**BRIDGE PLAN**

SCALE: 1"=10'

BRIDGE LOCATION	ELEVATIONS (FT)			
	ABUTMENT (1)	ABUTMENT (2)	OHW (3)	100 YR (4)
WEST MIDDLE RIVER	361.93	362.11	348.06	355.16

**NOTES:**

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March 16, 2018

SHEET 2 OF 2

CITY OF NENANA ALASKA



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TOTCHAKET ROAD WEST MIDDLE RIVER BRIDGE  
 NENANA, AK  
 4.0 MILE WEST MIDDLE RIVER

BRIDGE PLAN AND ELEVATION