



**Wisconsin Department of Transportation**  
Office of the Secretary  
4822 Madison Yards Way, S903  
Madison, WI 53705

**Governor Tony Evers**  
**Secretary Craig Thompson**  
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March 18, 2019

HOFFMAN CONSTRUCTION COMPANY  
ATTN: BRIAN AEBLY  
123 CTH A  
BLACK RIVER FALLS, WI 54615

RE: 1022-08-72 IH 94 Menomonie  
Region Review of Claim 105.13.5

Mr. Aebly,

### **Project Summary**

Project 1022-08-72 is located on IH 94 Hudson – Menomonie Road, 250<sup>th</sup> Street to Wilson Creek, IH 94 (EB & WB) in Dunn County. Work under this contract includes grading, base aggregate, concrete pavement, HMA pavement, new structures B-17-217/218, new structures B-17-219/220, new structures B-17-221/222, new structures B-17-223/224, pavement marking, permanent signing, right of way fencing, median cable barrier, traffic control, and all incidental items. The project was let on November 14, 2017. The contract completion date is November 15, 2019, and the cost for construction is \$30,341,589.

### **Contractor's Claim**

On January 21, 2019, Hoffman Construction Company (HCC) submitted a claim in the amount of \$74,729.66 for the rental, installation and removal of trench boxes at Structures B-17-217, 219, and 221. Hoffman claimed that the temporary shoring was needed to safely excavate for the new structures and to protect the traveling public.

The claim referred to Section 206.3.7(2), which states to slope the sides of the excavation as required by soil conditions to stabilize the sides for safe working conditions. If the plans require, shore the excavation instead of sloping the sides.

### **Region's Position**

The Department maintains that the contractor is not entitled to additional compensation because the contract clearly stated how temporary shoring would be paid and no changes were made to the contract.

Per Section 107.1 Laws to be Observed, the contractor was required to comply with all applicable federal, state, and local health official rules and regulations governing safety, health, and sanitation. It states to provide all necessary safeguards, safety devices, and protective equipment. Also, Section 206.3.7 (2) mentioned above requires the contractor to excavate as specified in 29 CFR Part 1926 OSHA subpart P for excavations. These requirements were included in the contract; therefore, the contractor is not entitled to additional compensation to provide safety for their workers unless the engineer directed changes to the provisions of the contract after the letting that damaged the contractor.

Section 107.8 Public Convenience and Safety requires the contractor to maintain the safety of the traveling public. This includes protecting the traveling public during the excavation of the new and temporary structures.

Item 22 Temporary Structures, of the contract special provisions, states, "All temporary shoring and other secondary structure items required to construct the temporary bridge structure are to be included as part of this bid item".

Pages 20, 21, 22, and 23, of the plan, note that temporary shoring is included in the bid item of Temporary Structures.

The General Notes section, on all structure plans, state that temporary shoring is incidental to the temporary structure item.

Section 206.3.7 continues, from what the contractor's claim noted, to state that, "If the plans do not require shoring, the contractor may elect to use, at no expense to the department, shoring rather than excavating to a slope".

Section 206.5.2, paragraph 2, for Excavation for Structures, "Payment also includes providing cofferdams, cribs, sheeting, shoring, bracing, pumping, and dewatering except, if the contract contains the applicable bid items, the department will pay separately for this work." The contract does not contain the item of temporary shoring; therefore, the contractor is not entitled to additional compensation. Payment for temporary shoring is included in the original contract.

In reviewing Lunda's temporary structure plans, it is apparent that the temporary bridges were designed to include the temporary shoring at the new pier excavation so as not to decrease the toe of the temporary structure shoring (see Attachment A). The contractor's temporary bridge design precluded open excavation, for the construction of the piers, and was the contractor's chosen method of construction.

The contractor stated that the proximity of the temporary structures to the pier excavation and having to keep side roads open to traffic during construction dictated the need for shoring to safely excavate the pier and maintain the roadway for traffic. The contractor stated, "It was deemed necessary to install the temporary shoring due to concerns with the safety of the traveling public during pier excavation".

The Department, the Town of Lucas, and the Town of Menomonie allowed the closure of 650<sup>th</sup> Street and 250<sup>th</sup> Street for 60 days, instead of the 30 days as stated in the contract. This eliminated the need to protect the traveling public. This would allow the contractor to excavate at both piers simultaneously, which was also in the interest of helping the contractor stay on schedule with their work. Both 650<sup>th</sup> Street and 250<sup>th</sup> Street were closed during the entire time that the trench boxes were in use.

The Department and Dunn County allowed traffic on CTH K to be run in a one-lane stop condition which would provide adequate room for pier construction. This would allow the

contractor to excavate at both piers simultaneously, which was also in the interest of helping the contractor stay on schedule with their work. However, HCC/Lunda chose to install both trench boxes and construct one pier at a time while maintaining 2 lanes of traffic.

(See photos in Attachment B)

The support for the contractor's claim are as follows:

#### Contractor point #1

At bid time, the DOT clearly told contractors that shoring was not anticipated, contractors were instructed to not include shoring cost in the bid, and that shoring (if required) would be handled via a change order.

The bid response for question #10 did not instruct or direct the contractor to use shoring, it specifically stated that specifying shoring "would preclude other possible means of construction" which would dictate the contractor's means and methods. Also, the bid response for question #8 stated that the use of temporary shoring would be optional and therefore not included as a bid item (see Attachment C). Section 511.5 Temporary Shoring, paragraph 3 states the following, "The department will not pay for temporary shoring for locations the plans do not show." The contract language is clear that temporary shoring is only paid for if the contract contains the appropriate bid item.

#### Contractor point #2

The contractor maintains that the department consistently pays for temporary shoring required for excavations and that the presence of a temporary structure does not allow the department to claim that the shoring is part of the temporary structure, in an effort to make it incidental.

The NW Region has conferred with Central Office and has not found any information related to this statement. Again, the contract is clear that temporary shoring is only paid for when it is shown in the plans; therefore, the contractor is not entitled for additional compensation for that work.

#### Contractor point #3

At the preconstruction meeting, the contractors and DOT discussed the need for the temp shoring due to the existing sideroads and that the DOT indicated they would layout the pier excavations to determine the shoring needed to safely excavate and protect traffic.

The preconstruction meeting minutes state, "Lunda brought up the issue of constructing deep piers while keeping side roads open to traffic on the 3 slab span structures. Project staff will survey and review each location to determine the issue. The Department would consider doing one side at a time and providing a one-lane stop condition during pier construction".

The department did follow up with this and at no time did the engineer direct the contractor to install the temporary shoring. It was determined that there were less expensive options for completing the work and that temp shoring was not required (see Attachment D).

At the April 24th weekly meeting, the options of building the bridge ½ at a time or placing the barrier wall on both sides with a one-lane stop condition during excavation and piling installation were discussed (see Attachment E).

At the May 1<sup>st</sup> weekly meeting, it was determined that as there was not enough time to construct one side at a time and to avoid project delays in excess of 2 weeks, we would proceed with barrier wall on both sides of the road and one-lane stop condition at all 3 slab span structures (see Attachment E).

The Department's stance is:

- the use of temporary shoring was included in the temporary structure design and is incidental to the contract.
- the contractor's temporary structure design controlled the means and methods of the pier construction and therefore temporary shoring was not a requirement of the contract.
- the plans do not include the use of temporary shoring for these pier excavations, and the contract states that the department will not pay for temporary shoring for locations the plans do not show. Alternate provisions for the safety of traffic were able to be made that did not include the use of temporary shoring, and the Department maintains that the pier areas could have been open excavated for the pier construction.

For the above reasons, the Department has determined that the contractor is not entitled to additional compensation for the trench boxes used on the project. The Department will not provide compensation in the amount of \$74,729.66 as requested by Hoffman Construction for the rental, installation and removal of trench boxes at Structures B-17-217, 219, and 221. If Hoffman Construction disagrees with the Department's position, it can seek resolution following the procedures in Standard Specifications Section 105.13.

Sincerely,

A handwritten signature in black ink, appearing to read 'Paul L. Conlin', with a stylized flourish at the end.

Paul L. Conlin P.E.  
Project Development Chief  
Northwest Region – Wisconsin Department of Transportation

CC: Mathew Dapp – Bureau of Project Development



## ATTACHMENTS

A-TEMPORARY STRUCTURE PLANS

B-SITE PHOTOS

C-PRE-BID QUESTIONS AND ANSWERS

D-FOOTING REVIEWS

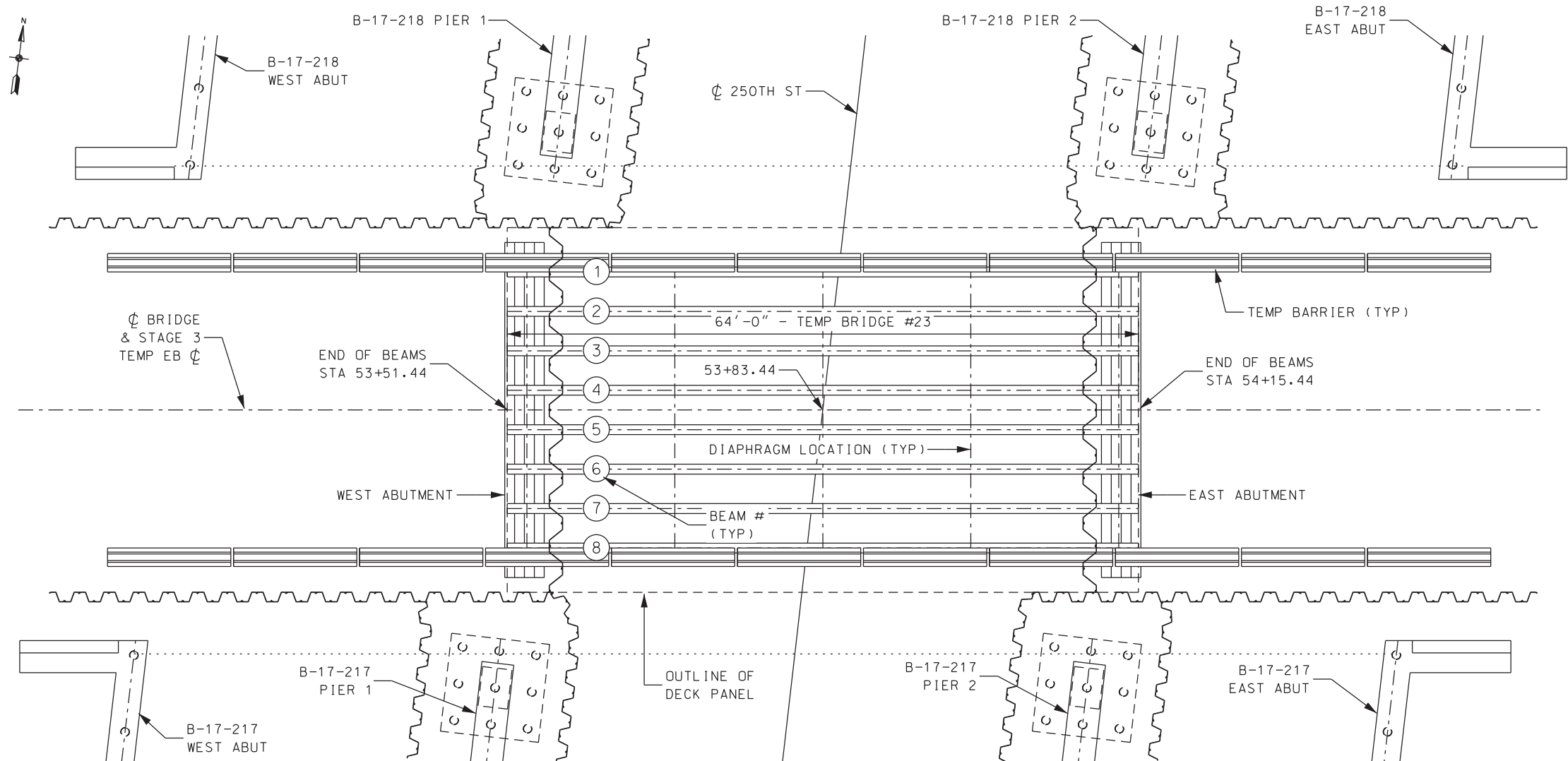
E-WEEKLY MEETING MINUTES

F-CONTRACTOR'S SUBMISSION OF CLAIM

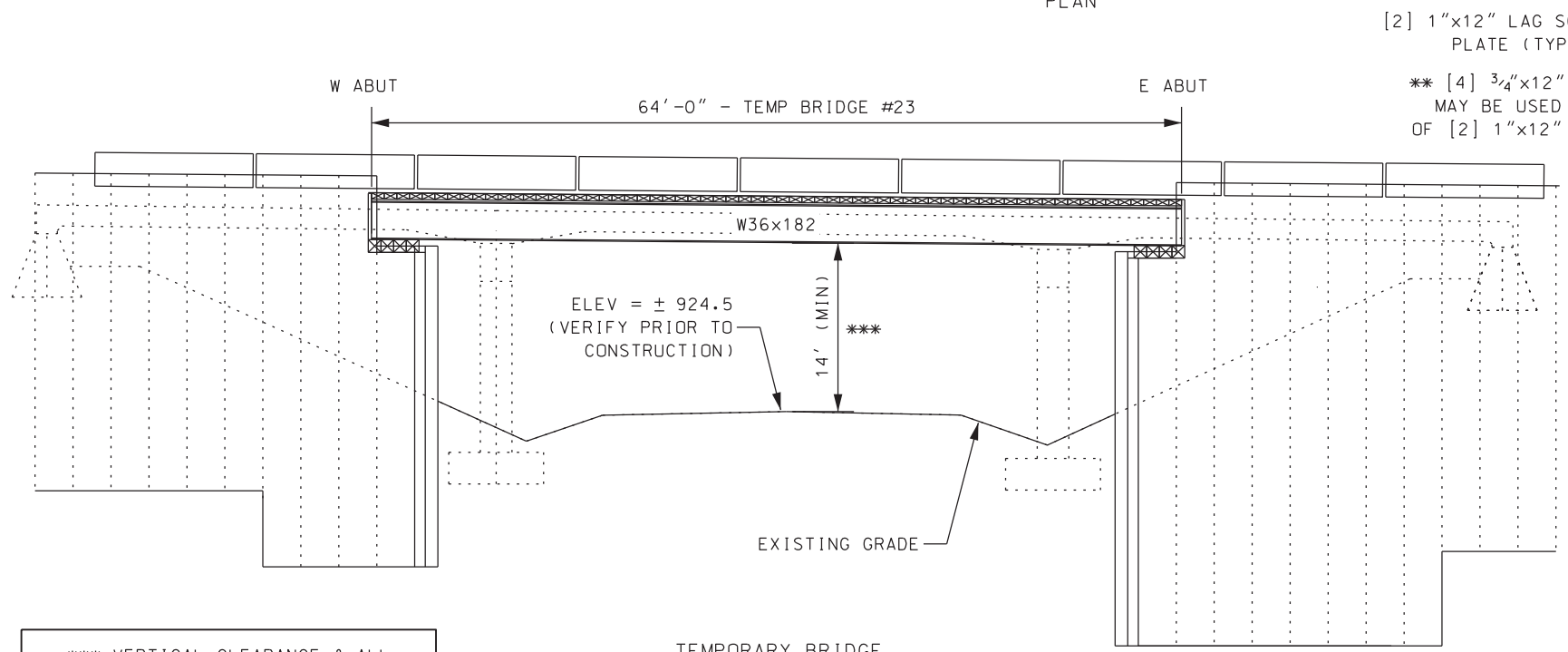
G-DEPARTMENT CORRESPONDENCE

## Attachment A - Temporary Structure Plans

0:\\*Engineer\ing\0-New Job Numbers\wisDOT\2017 (10640500+)\\*10708500-11-22 Hoffman - Menominee\Temp Bridges\Temp Bridges.dgn 4/25/2018 8:11:50 AM



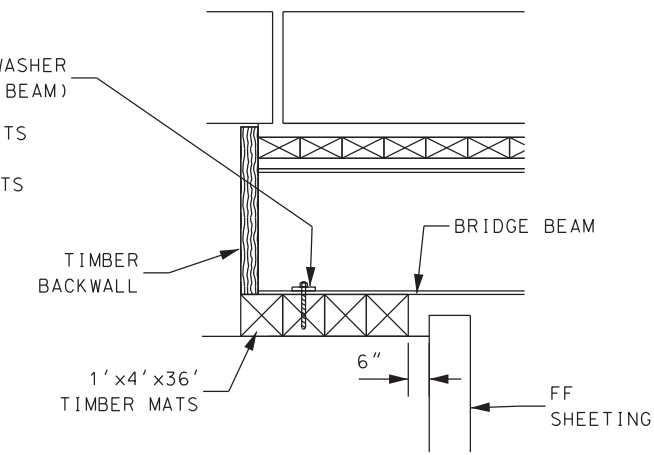
TEMPORARY BRIDGE  
PLAN



TEMPORARY BRIDGE  
ELEVATION

GRADE SHOWN ALONG SOUTH SHORING WALL

[2] 1"x12" LAG SCREW & WASHER  
PLATE (TYP - EACH BEAM)  
  
\*\* [4] 3/4"x12" LAG BOLTS  
MAY BE USED INSTEAD  
OF [2] 1"x12" LAG BOLTS



ABUTMENT DETAIL

DESIGN DATA :  
DESIGN LOADING : HL-93

MATERIAL PROPERTIES :  
PZ27/AZ19 SHEET PILE : Fy = 50 ksi  
DYWIDAG ROD : Fu = 150 ksi  
B12 DAYTON SUP. ROD : Fy = 100 ksi  
BOLTS : A325  
ALL OTHER STEEL : Fy = 36 ksi

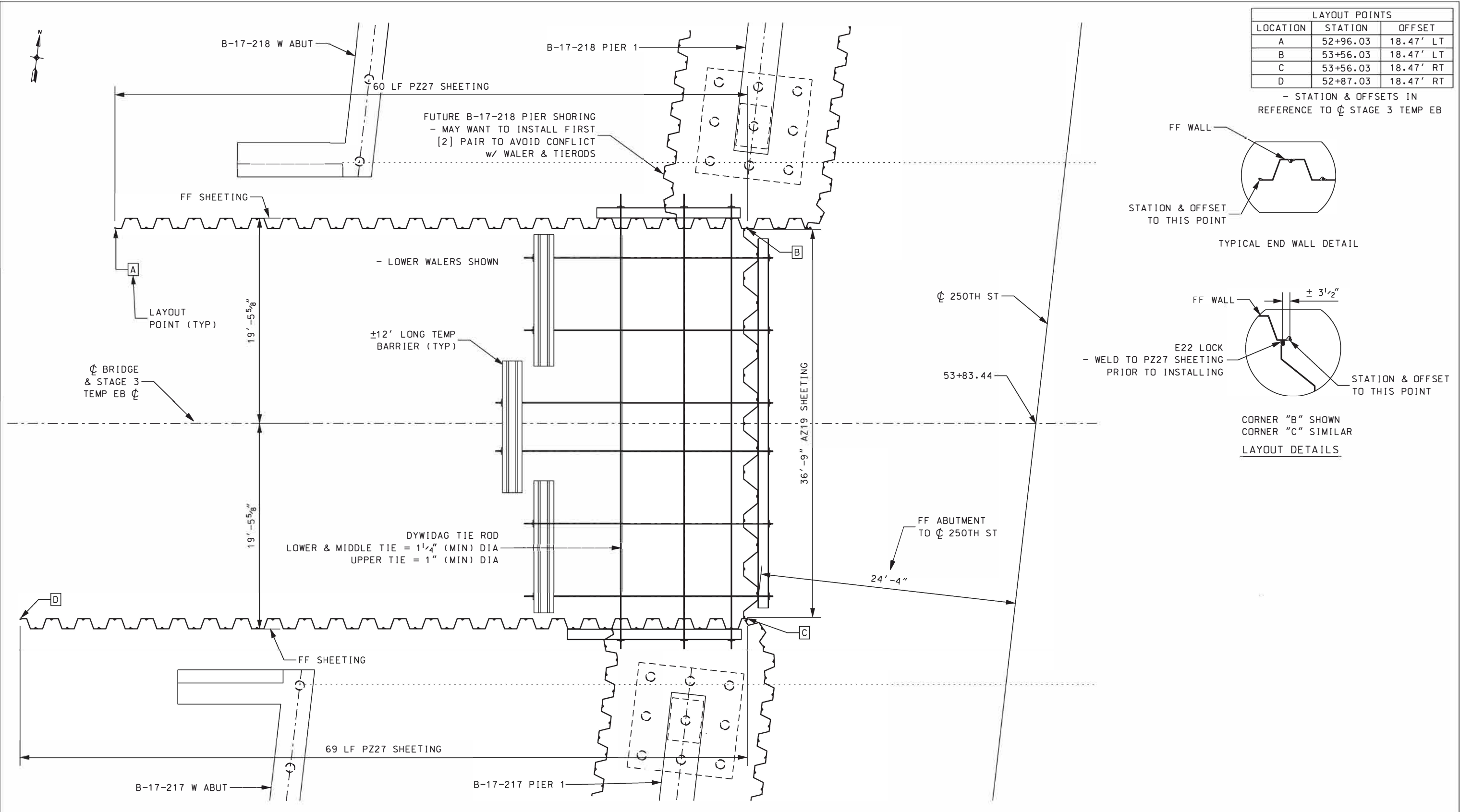
- GENERAL NOTES :
- 1) STATIONING OF TEMPORARY BRIDGE SUBSTRUCTURE UNITS TO BE VERIFIED IN FIELD.
  - 2) PRIOR TO CONSTRUCTION, LOCATE & AND IDENTIFY ALL UTILITIES AND NOTIFY THE ENGINEER OF ANY CONFLICTS.
  - 3) ABUTMENTS TO BE MONITORED FOR SETTLEMENT.
  - 4) APPLY TACK COAT TO DECK PANELS PRIOR TO PLACING ASPHALT.
  - 5) UTILIZE TEMPORARY BRIDGE #23 FROM INVENTORY.
  - 6) TEMPORARY BRIDGE BEAMS TO BE BLOCKED TIGHT AGAINST TIMBER BACKWALL. MONITOR BLOCKING FOR LOOSENING.
  - 7) TEMPORARY PRECAST CONCRETE BARRIER TO BE PINNED TO ADJACENT PARAPET SECTIONS.
  - 8) BRIDGE BEAM FLANGES TO BE CLAMPED TO TIMBER MATS AT ABUTMENTS.
  - 9) ABUTMENTS TO BE BACKFILLED w/ GRANULAR FILL COMPACTED TO A MINIMUM 95% PROCTOR DENSITY.
  - 10) DRAWINGS ARE NOT TO BE SCALED.
  - 11) SEE SHEETS 2 - 6 FOR ABUTMENT SHORING DETAILS & CONSTRUCTION SEQUENCE.

WISCONSIN  
MICHAEL P. HENDRICKS  
E-42122  
WAUKESHA  
WI  
PROFESSIONAL ENGINEER  
Michael P. Hendricks  
4/25/2018

#	Date	Revision	Page Title:
Job Title:	SPN : 1022-08-72 IH 94 OVER 250TH STREET TOWN OF MENOMINEE DUNN COUNTY, WI		TEMPORARY BRIDGE
LUNDA CONSTRUCTION CO.		Lunda Job : 10708500	Bridge No.: B-17-217/218
		Date: 4/25/2018	Sheet: 1 of 8

\*\*\* VERTICAL CLEARANCE & ALL  
ELEVATIONS ASSUME EB TEMP PROFILE  
IS RAISED 7" FROM STATE PLAN

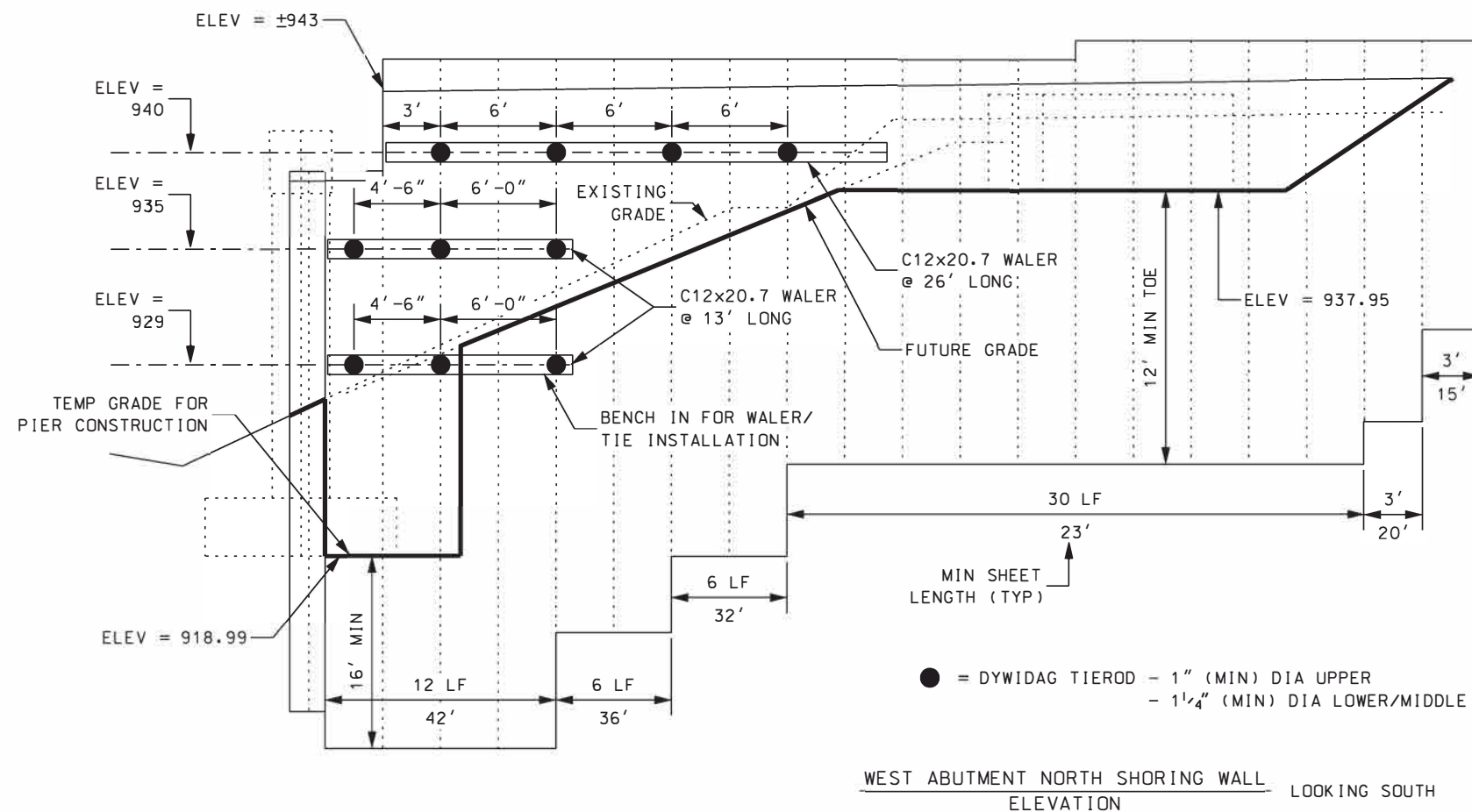
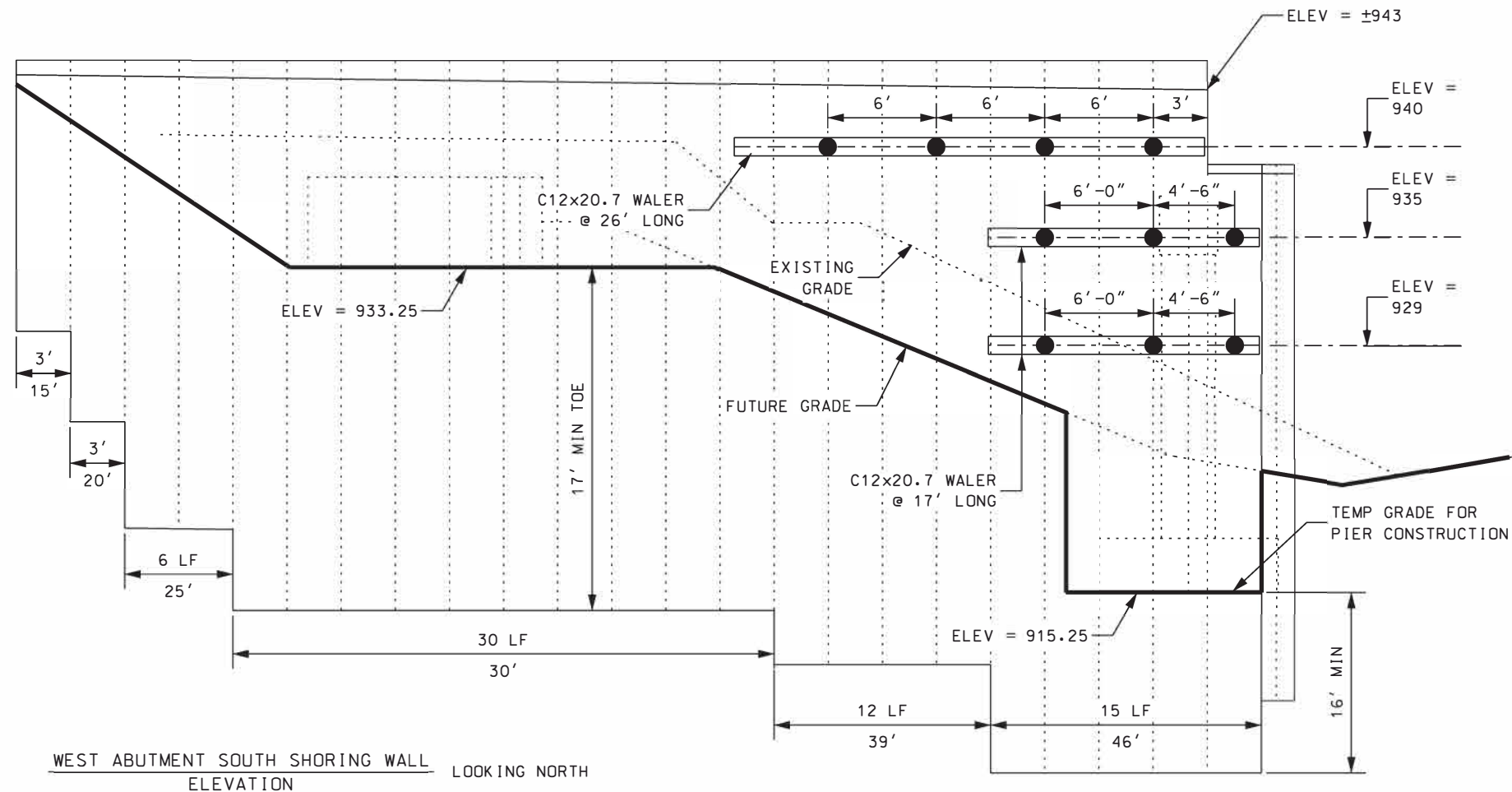
4/25/2018 8:12:04 AM 0:\Eng\Iner\Ing\0-New Job Numbers\WisDOT\2017 (10640500+)\10708500\_11-22 Hoffman - Menominee\Temp Bridges\Temp Bridges.dgn



WEST ABUTMENT TEMP SHORING  
PLAN

#	Date	Revision	Page Title:
Job Title:	SPN : 1022-08-72 IH 94 OVER 250TH STREET TOWN OF MENOMINEE DUNN COUNTY, WI		TEMPORARY BRIDGE - WEST ABUTMENT SHORING DETAILS
LUNDA CONSTRUCTION CO.		Lunda Job : 10708500	Bridge No.: B-17-217/218
		Date: 4/25/2018	Sheet: 2 of 8

4/25/2018 8:12:15 AM 0:\Eng\Ineer\Ing\0-New Job Numbers\WisDOT\2017 (10640500+)\\*10708500.11-22 Hoffman - Menominee\*Temp Bridges\*Temp Bridges.dgn



CONSTRUCTION SEQUENCE :

- 1) INSTALL SHEETING.
- 2) BACKFILL TO ELEVATION ±927.
- 3) INSTALL LOW WINGWALL WALER & TIE RODS.
- 4) BACKFILL TO ELEVATION ±933.
- 5) INSTALL MIDDLE WINGWALL WALER & TIE RODS.
- 6) INSTALL WALER & TIE RODS ALONG FRONT FACE OF ABUTMENT SHEETING, ANCHORING TO CONCRETE BARRIER DEADMAN AS SHOWN .
- 7) BACKFILL TO BOTTOM OF TIMBER MAT ABUTMENT.
- 8) INSTALL TIMBER MAT ABUTMENT, TEMP BRIDGE BEAMS & TIMBER BACKWALL.
- 9) INSTALL UPPER WALER & TIERODS ALONG ABUTMENT WINGS.
- 10) BACKFILL TO FINAL ROADWAY ELEVATION.
- 11) SHORING TO BE REMOVED IN REVERSE ORDER.

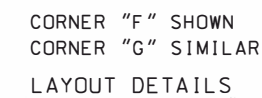
ADDITIONAL SEQUENCES REQUIRED  
DURING PIER EXCAVATION FOR  
STRUCTURES B-17-217/218.  
- WORK w/ PIER SHORING PLAN.



#	Date	Revision	Page Title:	
Job Title:			SPN : 1022-08-72 IH 94 OVER 250TH STREET TOWN OF MENOMINEE DUNN COUNTY, WI	
LUNDA CONSTRUCTION CO.			Lunda Job : 10708500	TEMPORARY BRIDGE - WEST ABUTMENT SHORING DETAILS
			Bridge No.:	B-17-217/218
			Date: 4/25/2018	Sheet: 3 of 8



- STATION & OFFSETS IN  
REFERENCE TO  $\phi$  STAGE 3 TEMP EB

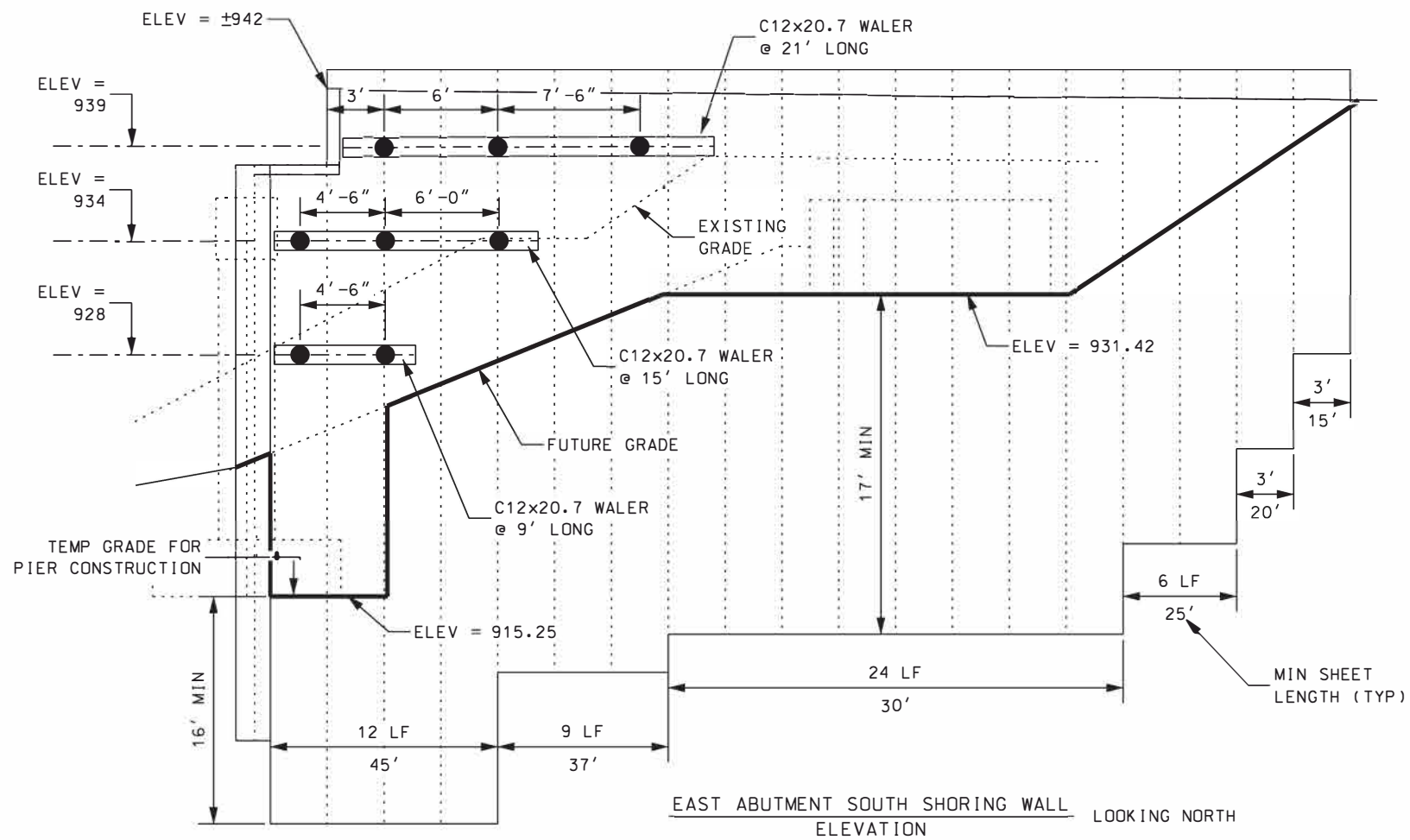
TYPICAL END WALL DETAIL



		Date	Revision
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		Lunda Job : 10708500	
		Bridge No.: B-17-217/218	
		Date: 4/25/2018	Sheet: 4 of 8

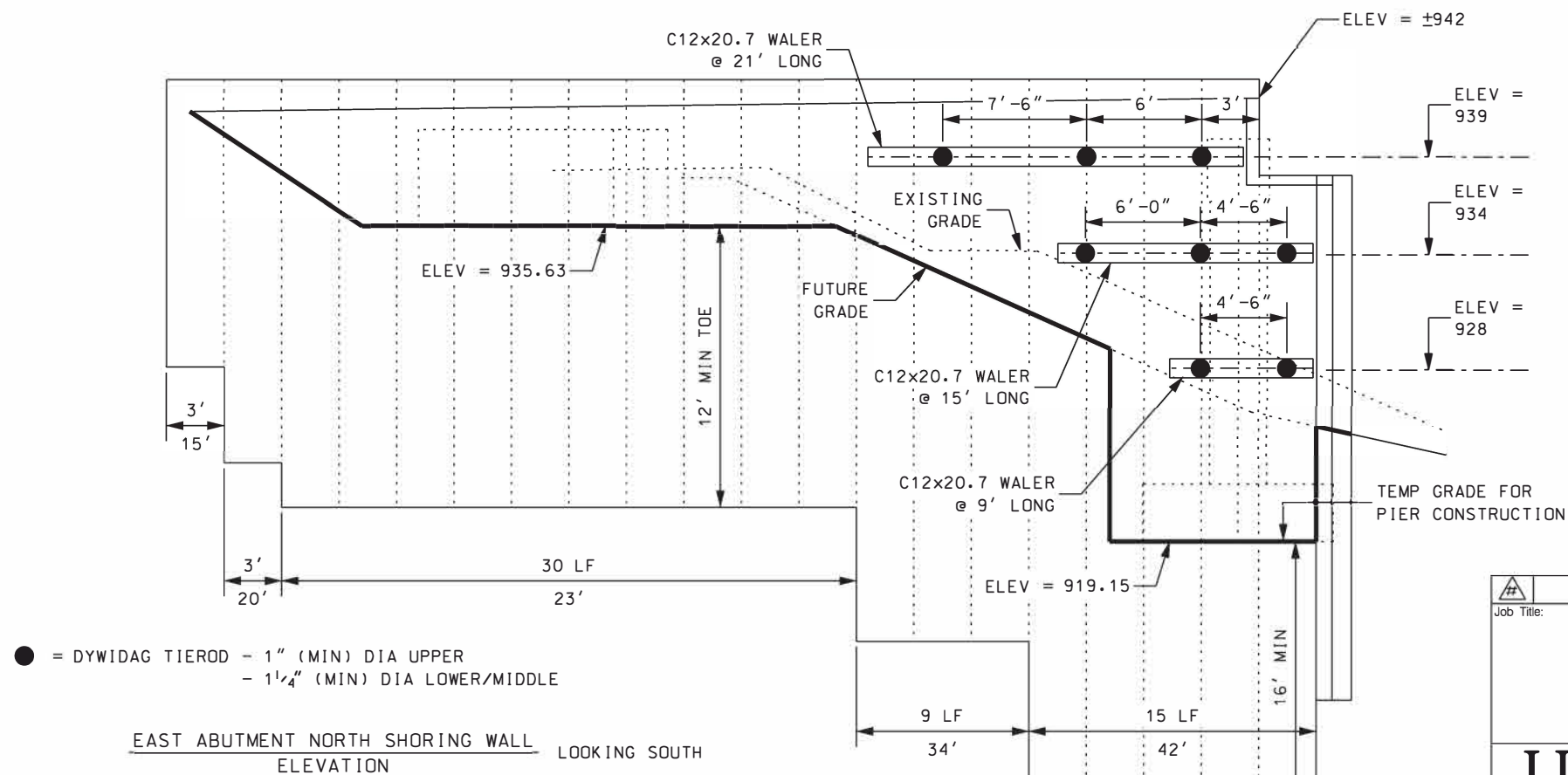


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ADDITIONAL SEQUENCES REQUIRED  
DURING PIER EXCAVATION FOR  
STRUCTURES B-17-217/218.  
- WORK w/ PIER SHORING PLAN.

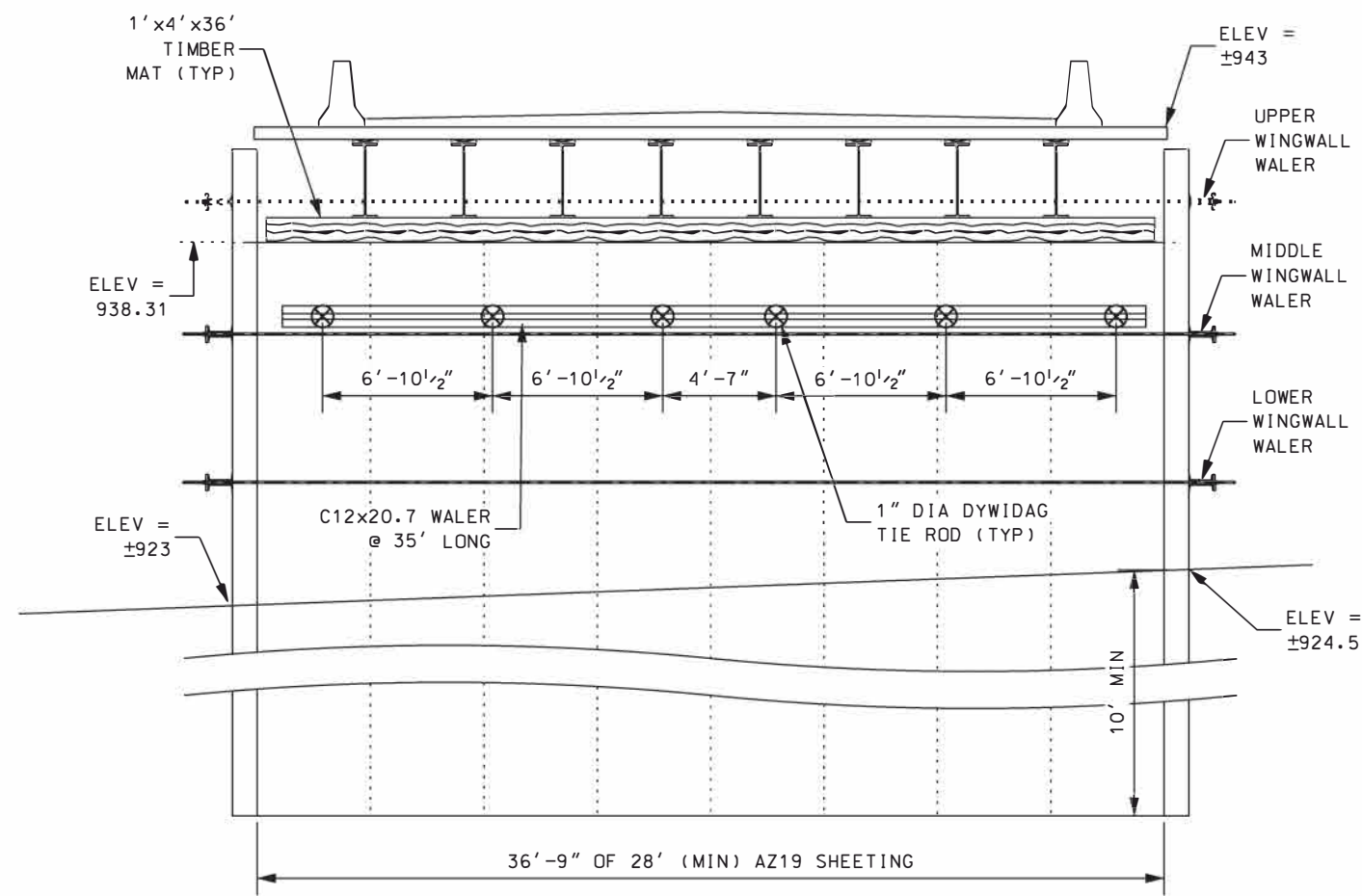
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  - 4) BACKFILL TO ELEVATION ±932.
  - 5) INSTALL MIDDLE WINGWALL WALER & TIE RODS.
  - 6) INSTALL WALER & TIE RODS ALONG FRONT FACE OF ABUTMENT SHEETING, ANCHORING TO CONCRETE BARRIER DEADMAN AS SHOWN .
  - 7) BACKFILL TO BOTTOM OF TIMBER MAT ABUTMENT.
  - 8) INSTALL TIMBER MAT ABUTMENT, TEMP BRIDGE BEAMS & TIMBER BACKWALL.
  - 9) INSTALL UPPER WALER & TIERODS ALONG ABUTMENT WINGS.
  - 10) BACKFILL TO FINAL ROADWAY ELEVATION.
  - 11) SHORING TO BE REMOVED IN REVERSE ORDER.



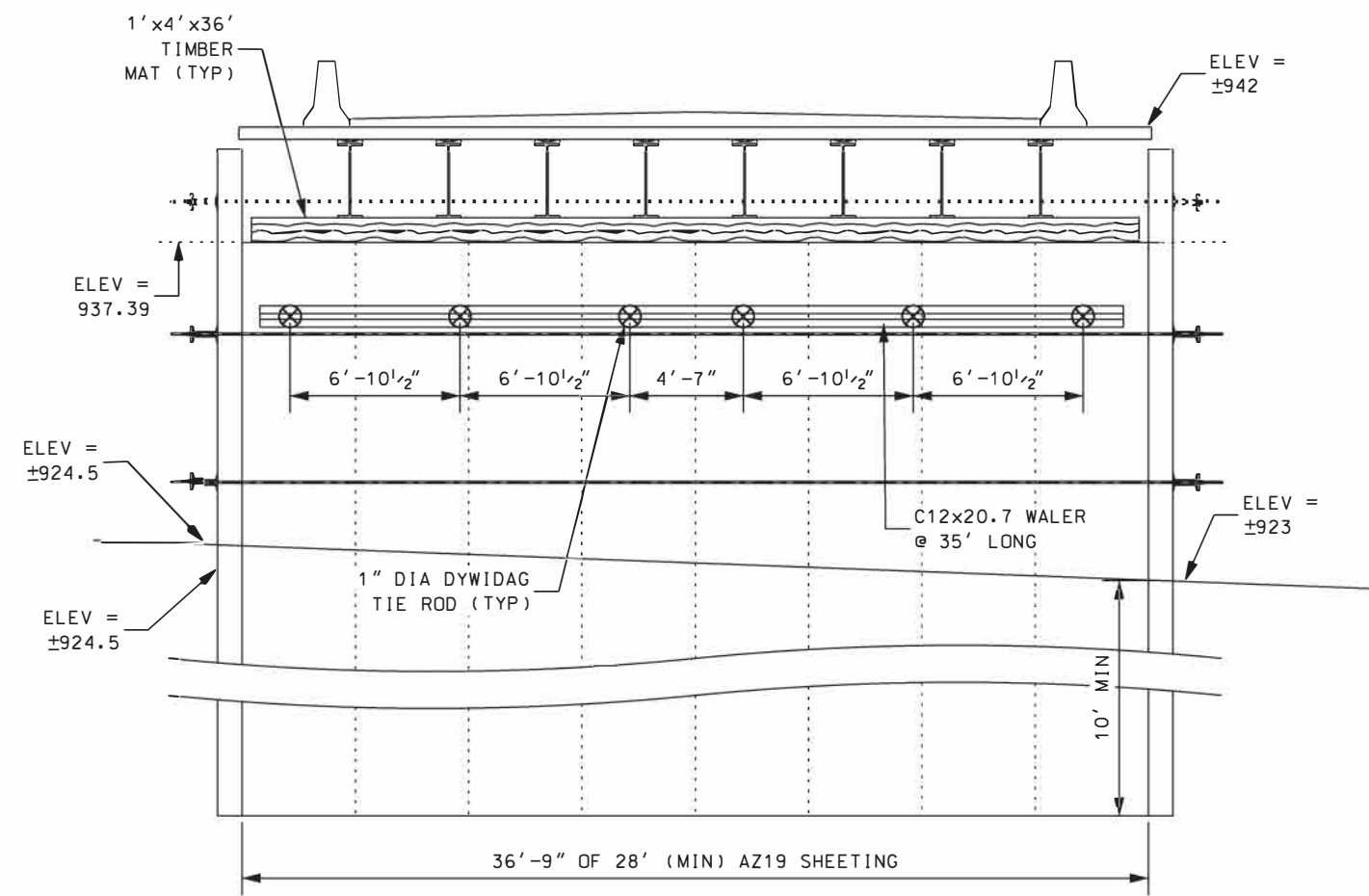
● = DYWIDAG TIEROD - 1" (MIN) DIA UPPER  
- 1 1/4" (MIN) DIA LOWER/MIDDLE

#	Date	Revision	Page Title:
Job Title:	SPN : 1022-08-72 IH 94 OVER 250TH STREET TOWN OF MENOMINEE DUNN COUNTY, WI		TEMPORARY BRIDGE - EAST ABUTMENT SHORING DETAILS
<b>LUNDA</b> CONSTRUCTION CO.		Lunda Job : 10708500	Bridge No.: B-17-217/218
		Date: 4/25/2018	Sheet: 5 of 8

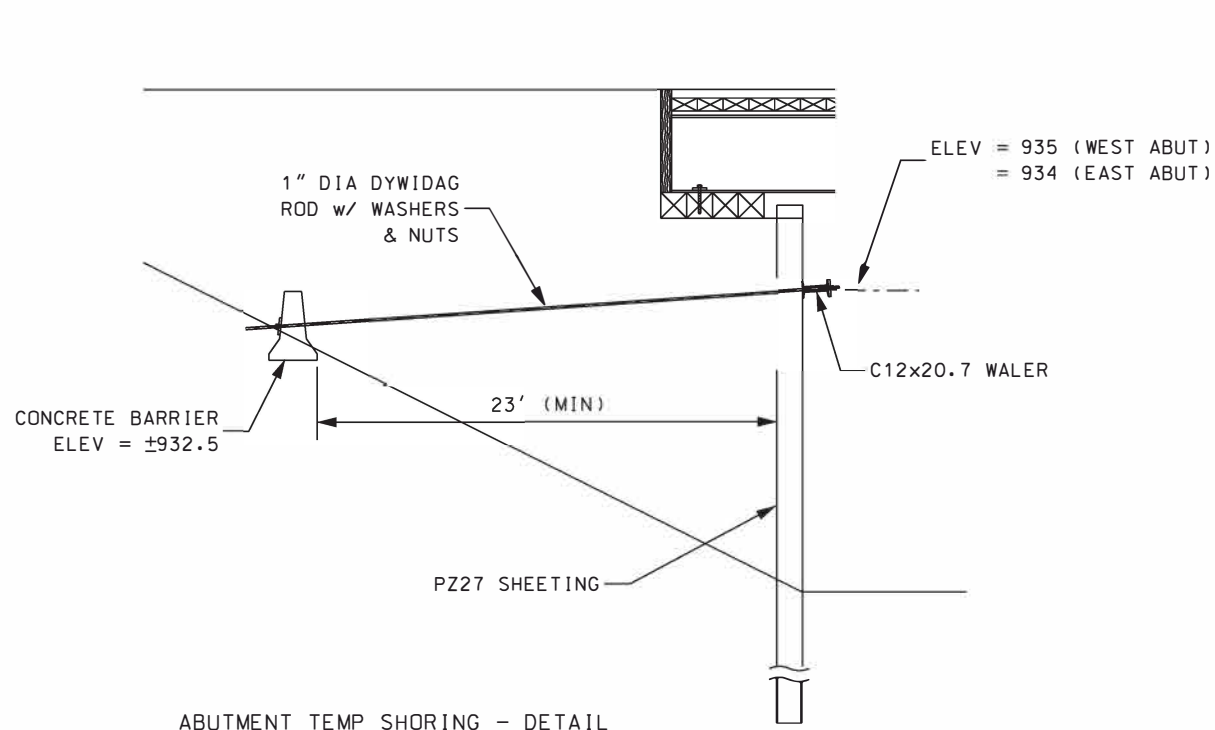
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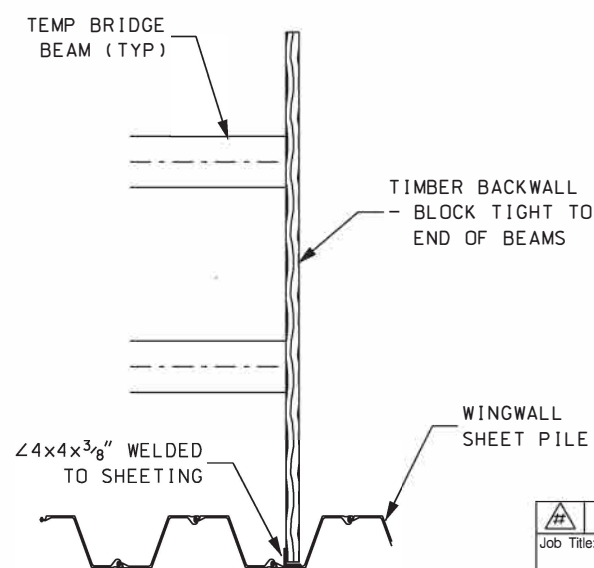
WEST ABUTMENT  
ELEVATION LOOKING WEST



EAST ABUTMENT  
ELEVATION LOOKING EAST



ABUTMENT TEMP SHORING - DETAIL

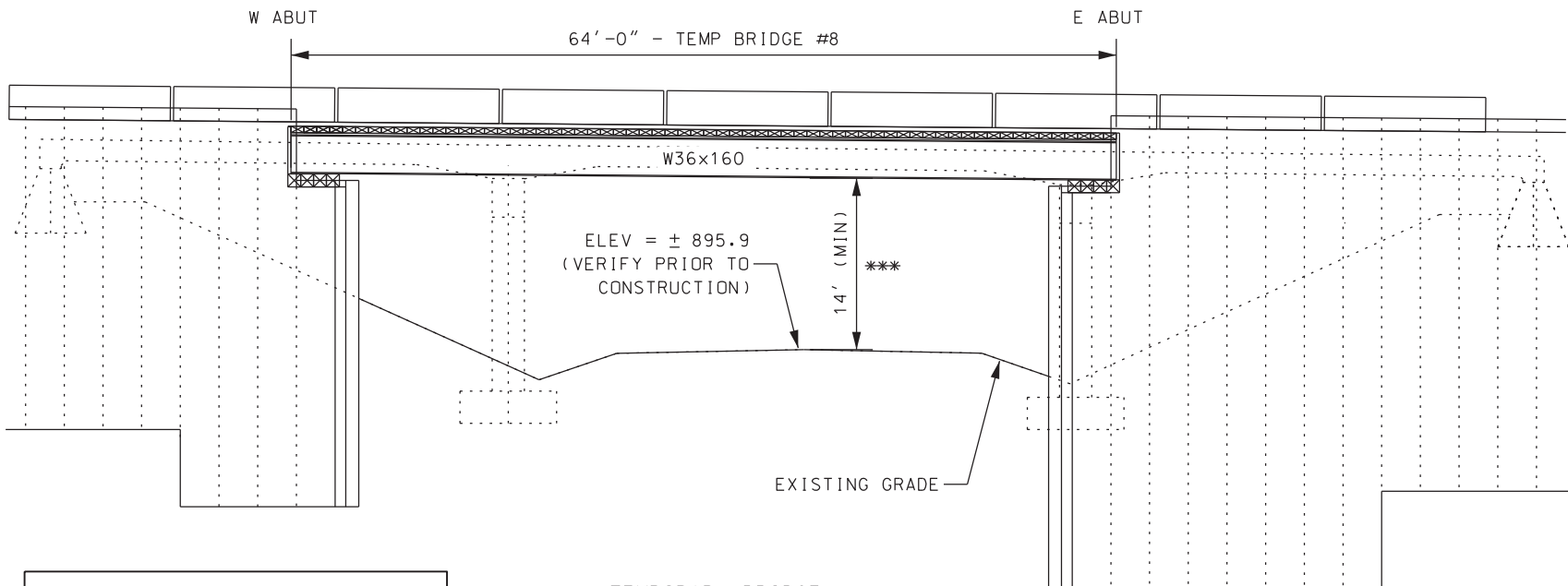
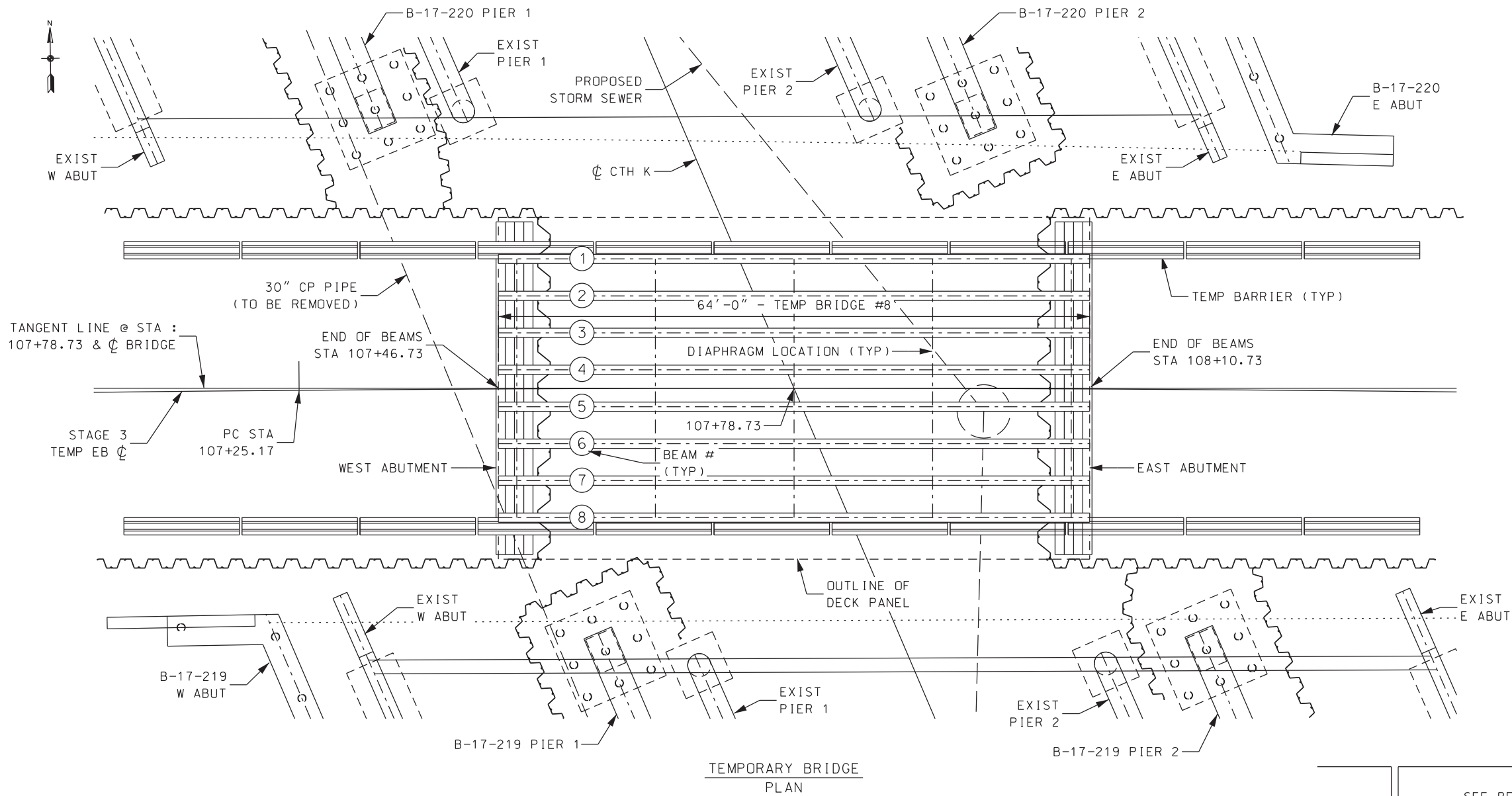


TIMBER BACKWALL DETAIL

#	Date	Revision	Page Title:
1			TEMPORARY BRIDGE - ABUTMENT SHORING DETAILS
Job Title: SPN : 1022-08-72 IH 94 OVER 250TH STREET TOWN OF MENOMINEE DUNN COUNTY, WI			Bridge No.: B-17-217/218
LUNDA CONSTRUCTION CO.			Date: 4/25/2018 Sheet: 6 of 8
Lunda Job : 10708500			



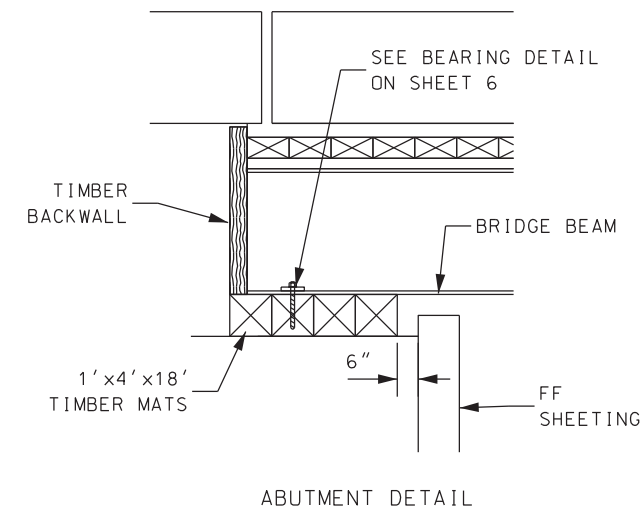
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DESIGN DATA :  
DESIGN LOADING : HL-93

MATERIAL PROPERTIES :  
PZ27/AZ19 SHEET PILE :  $F_y = 50$  ksi  
DYWIDAG ROD :  $F_u = 150$  ksi  
B12 DAYTON SUP. ROD :  $F_y = 100$  ksi  
BOLTS : A325  
ALL OTHER STEEL :  $F_y = 36$  ksi

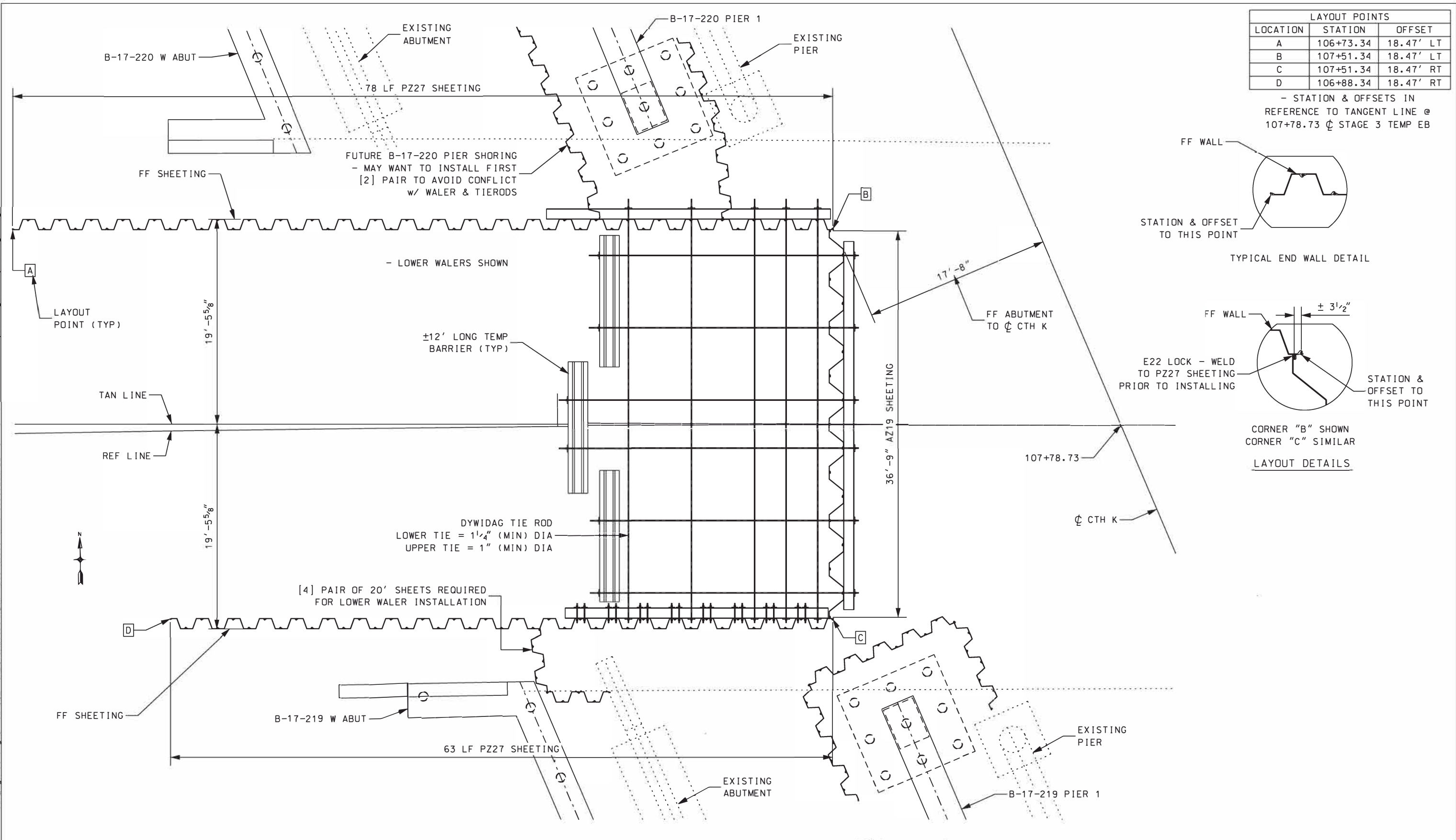
- GENERAL NOTES :
- 1) STATIONING OF TEMPORARY BRIDGE SUBSTRUCTURE UNITS TO BE VERIFIED IN FIELD.
  - 2) PRIOR TO CONSTRUCTION, LOCATE & AND IDENTIFY ALL UTILITIES AND NOTIFY THE ENGINEER OF ANY CONFLICTS.
  - 3) ABUTMENTS TO BE MONITORED FOR SETTLEMENT.
  - 4) APPLY TACK COAT TO DECK PANELS PRIOR TO PLACING ASPHALT.
  - 5) UTILIZE TEMPORARY BRIDGE #8 FROM INVENTORY.
  - 6) TEMPORARY BRIDGE BEAMS TO BE BLOCKED TIGHT AGAINST TIMBER BACKWALL. MONITOR BLOCKING FOR LOOSENING.
  - 7) TEMPORARY PRECAST CONCRETE BARRIER TO BE PINNED TO ADJACENT PARAPET SECTIONS.
  - 8) BRIDGE BEAM FLANGES TO BE CLAMPED TO TIMBER MATS AT ABUTMENTS.
  - 9) ABUTMENTS TO BE BACKFILLED w/ GRANULAR FILL COMPACTED TO A MINIMUM 95% PROCTOR DENSITY.
  - 10) DRAWINGS ARE NOT TO BE SCALED.
  - 11) SEE SHEETS 2 - 6 FOR ABUTMENT SHORING DETAILS & CONSTRUCTION SEQUENCE.



5/2/2018

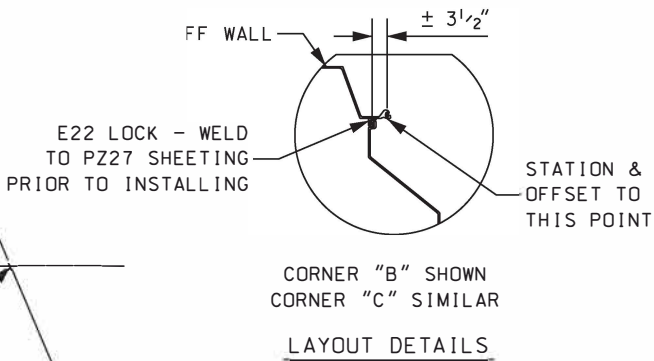
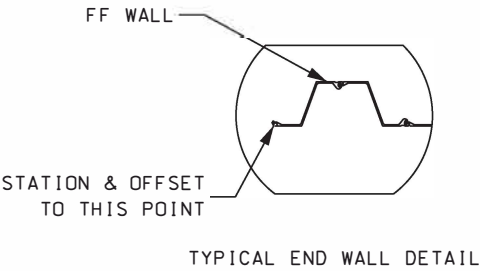
#	Date	Revision	Page Title:
Job Title:	SPN : 1022-08-72 IH 94 OVER CTH K TOWN OF MENOMINEE DUNN COUNTY, WI		TEMPORARY BRIDGE
LUNDA CONSTRUCTION CO.		Lunda Job : 10708500	Bridge No.: B-17-219/220
		Date: 5/2/2018	Sheet: 1 of 8

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LAYOUT POINTS		
LOCATION	STATION	OFFSET
A	106+73.34	18.47' LT
B	107+51.34	18.47' LT
C	107+51.34	18.47' RT
D	106+88.34	18.47' RT

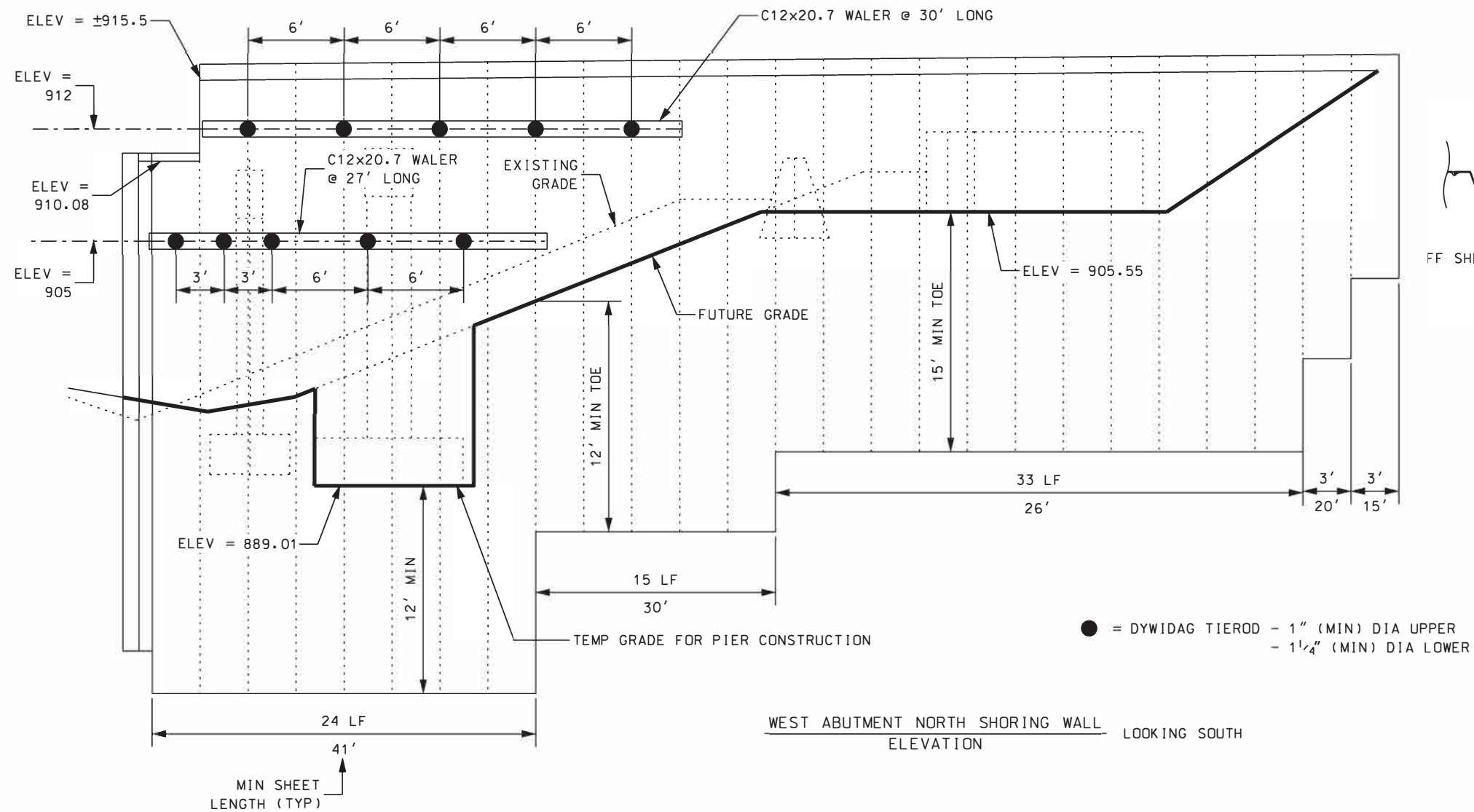
- STATION & OFFSETS IN  
REFERENCE TO TANGENT LINE @  
107+78.73  $\phi$  STAGE 3 TEMP EB



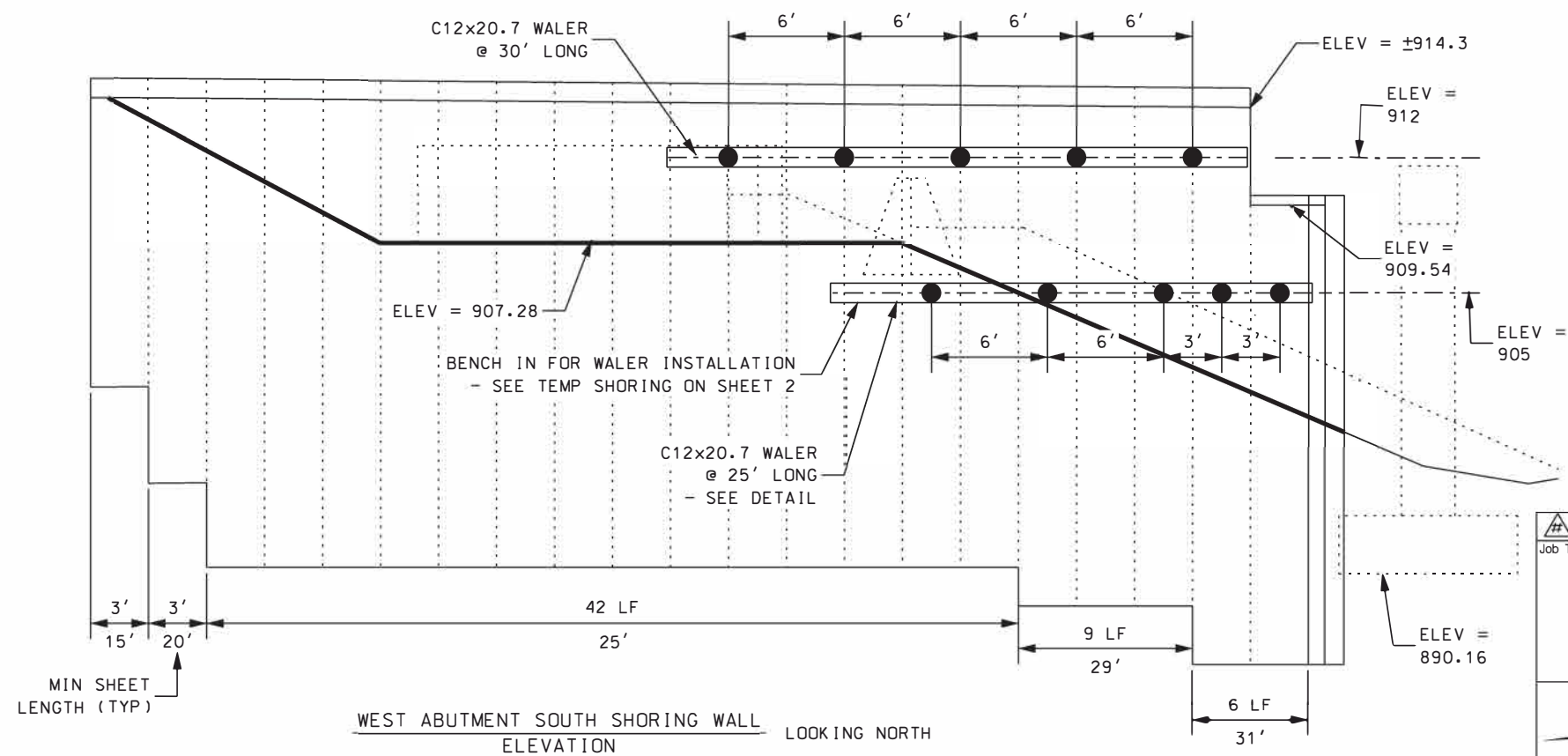
WEST ABUTMENT TEMP SHORING  
PLAN

#	Date	Revision	Page Title:	
1			SPN : 1022-08-72 IH 94 OVER CTH K TOWN OF MENOMINEE DUNN COUNTY, WI	
<b>LUNDA</b> CONSTRUCTION CO.			Page Title:	TEMPORARY BRIDGE - WEST ABUTMENT SHORING DETAILS
			Bridge No.:	B-17-219/220
			Date:	5/2/2018
			Sheet:	2 of 8

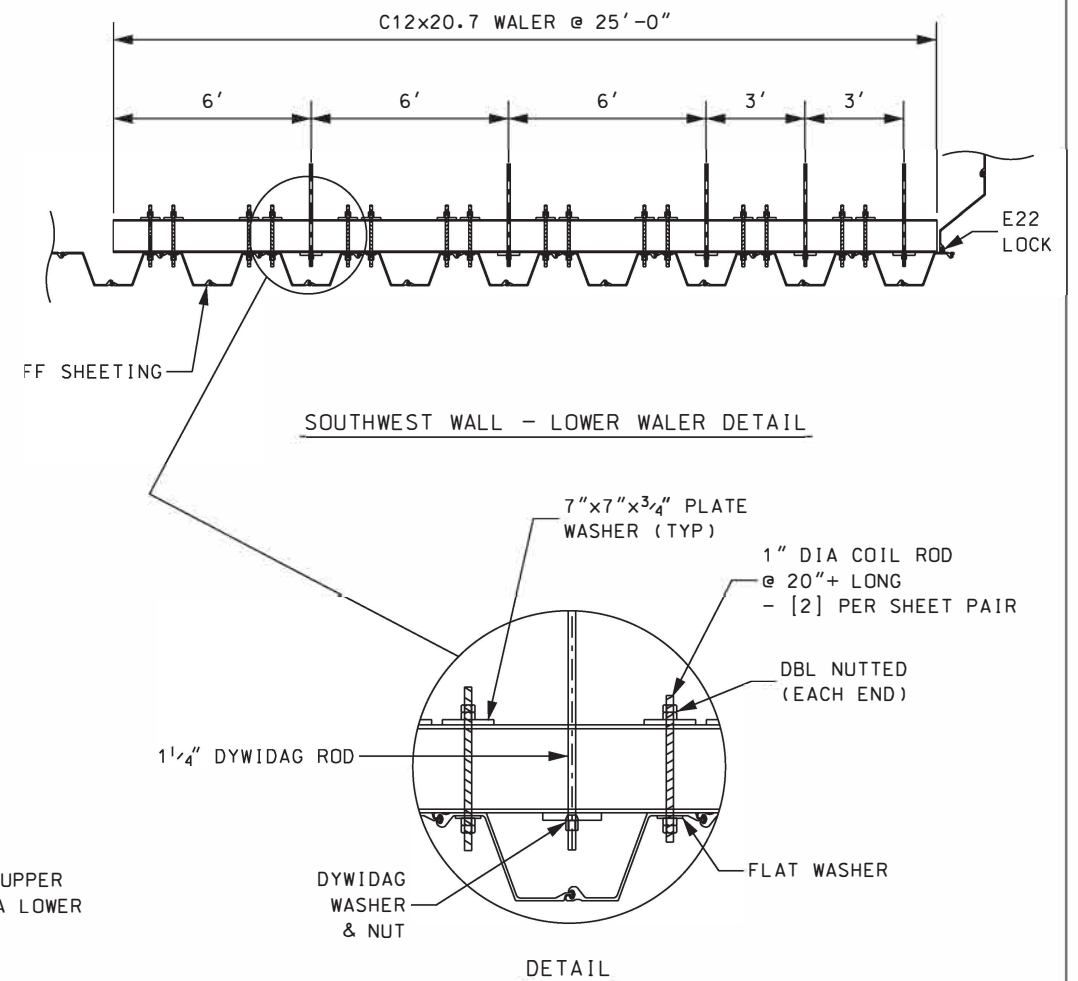
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WEST ABUTMENT NORTH SHORING WALL ELEVATION LOOKING SOUTH



WEST ABUTMENT SOUTH SHORING WALL ELEVATION LOOKING NORTH



CONSTRUCTION SEQUENCE :

- 1) INSTALL SHEETING.
- 2) BACKFILL TO ELEVATION ±903.
- 3) INSTALL LOW WINGWALL WALER & TIE RODS.
- 4) INSTALL WALER & TIE RODS ALONG FRONT FACE OF ABUTMENT SHEETING, ANCHORING TO CONCRETE BARRIER DEADMAN AS SHOWN (ALLOWABLE TO BACKFILL TO ELEV ±905 PRIOR TO INSTALLING WALER).
- 5) BACKFILL TO BOTTOM OF TIMBER MAT ABUTMENT.
- 6) INSTALL TIMBER MAT ABUTMENT, TEMP BRIDGE BEAMS & TIMBER BACKWALL.
- 7) INSTALL UPPER WALER & TIERODS ALONG ABUTMENT WINGS.
- 8) BACKFILL TO FINAL ROADWAY ELEVATION.
- 9) SHORING TO BE REMOVED IN REVERSE ORDER.

ADDITIONAL SEQUENCES REQUIRED DURING PIER EXCAVATION FOR STRUCTURES B-17-219/220. - WORK w/ PIER SHORING PLAN.

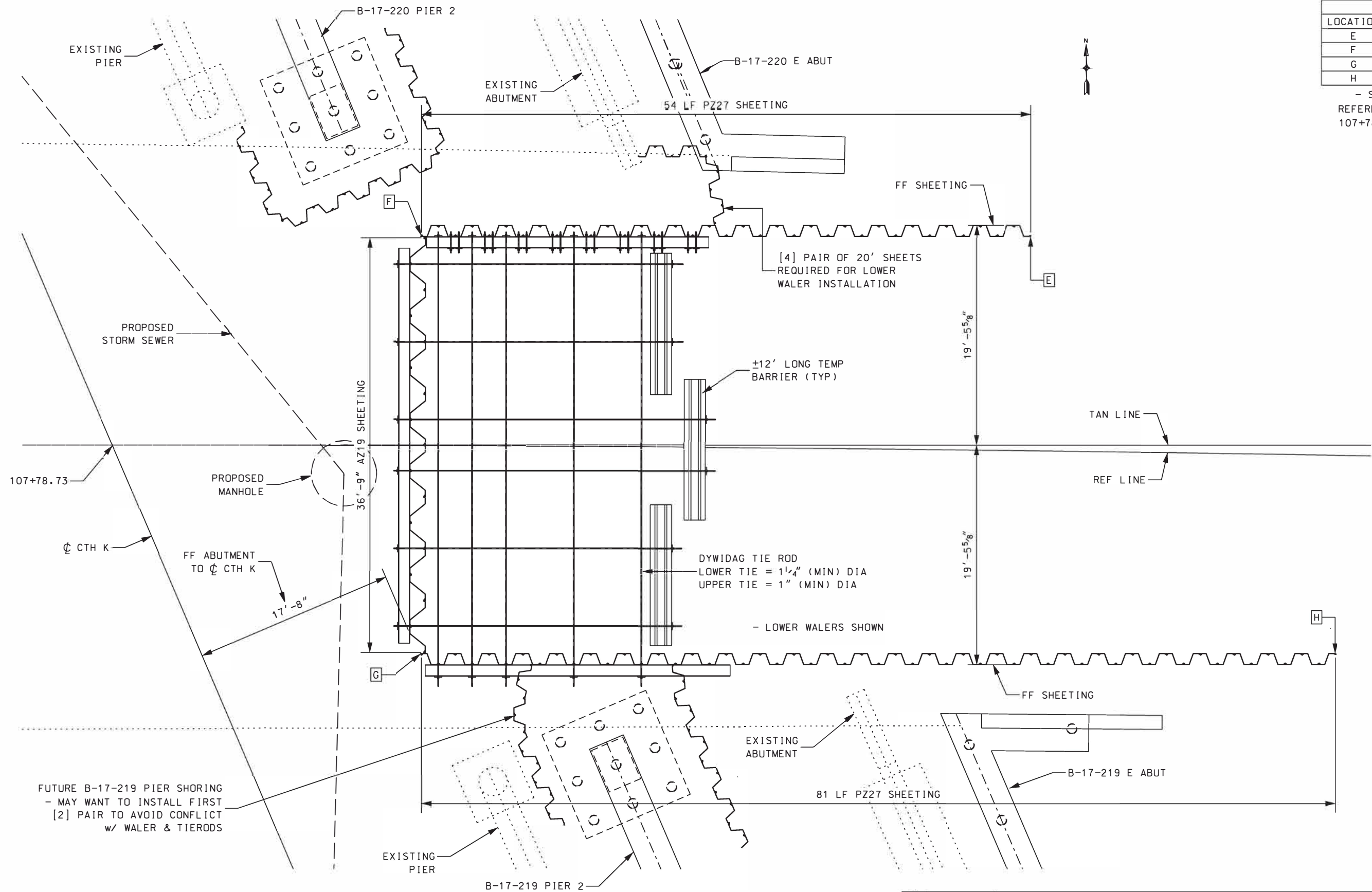
CONSTRUCTION NOTES :

- 1) LOCATE ALL UTILITIES NEAR SHORING LOCATIONS. ENSURE ALL UTILITIES ARE CLEAR BEFORE INSTALLING SHORING OR PERFORMING EXCAVATIONS.
- 2) ENSURE ADEQUATE TOE IS ACHIEVED.
- 3) DO NOT OVER-EXCAVATE DURING CONSTRUCTION OF NEW STRUCTURE.

#	Date	Revision	Page Title:
			TEMPORARY BRIDGE - WEST ABUTMENT SHORING DETAILS
Job Title:	SPN : 1022-08-72 IH 94 OVER CTH K TOWN OF MENOMINEE DUNN COUNTY, WI		Bridge No.: B-17-219/220
LUNDA CONSTRUCTION CO.		Lunda Job : 10708500	Date: 5/2/2018 Sheet: 3 of 8



0:\Eng\Iner\ng\0-New Job Numbers\WisDOT\2017 (10640500+)\10708500\_11-22 Hoffman - Menominee\*Temp Bridges\*Temp Bridges.dgn 5/2/2018 10:03:57 AM



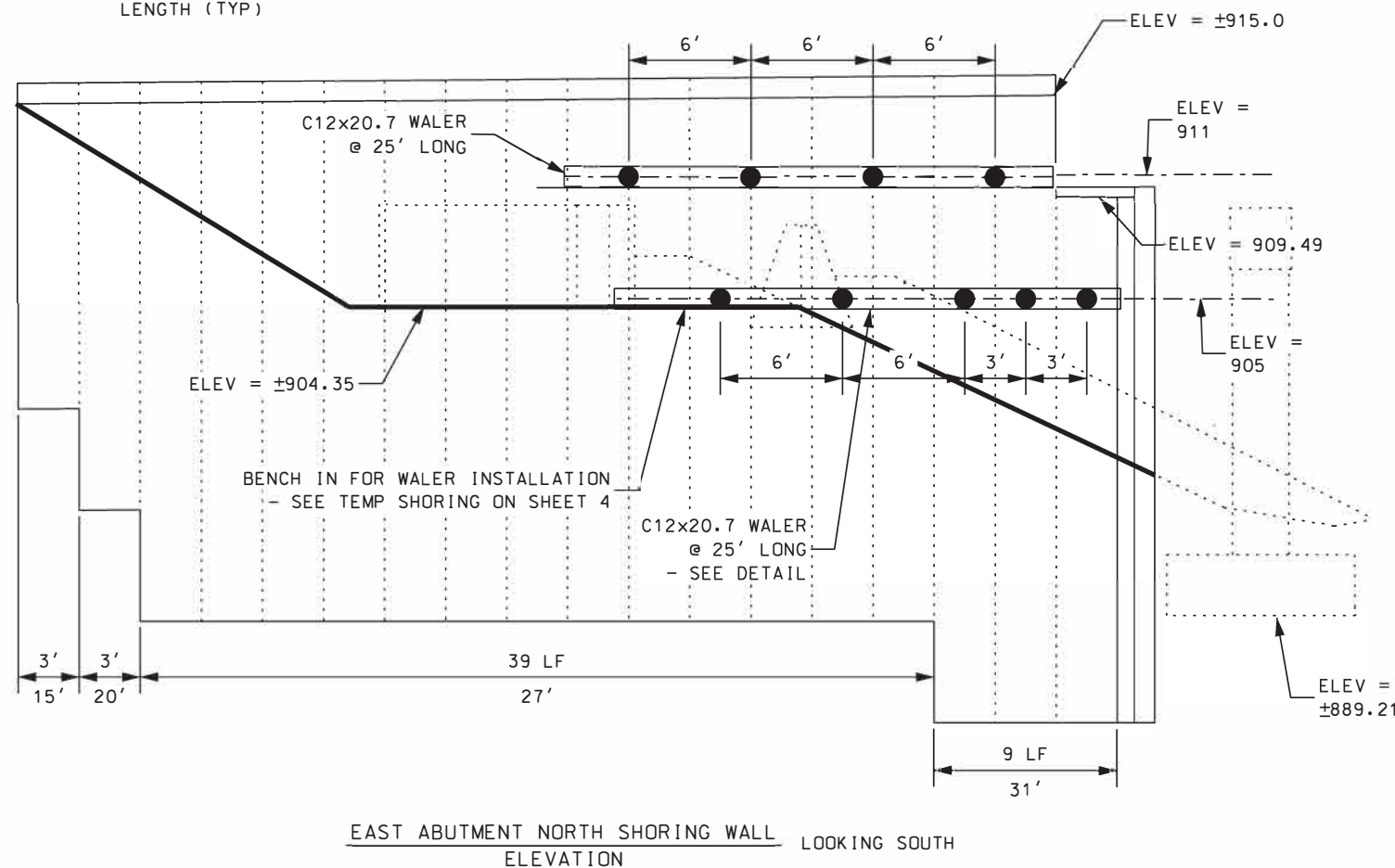
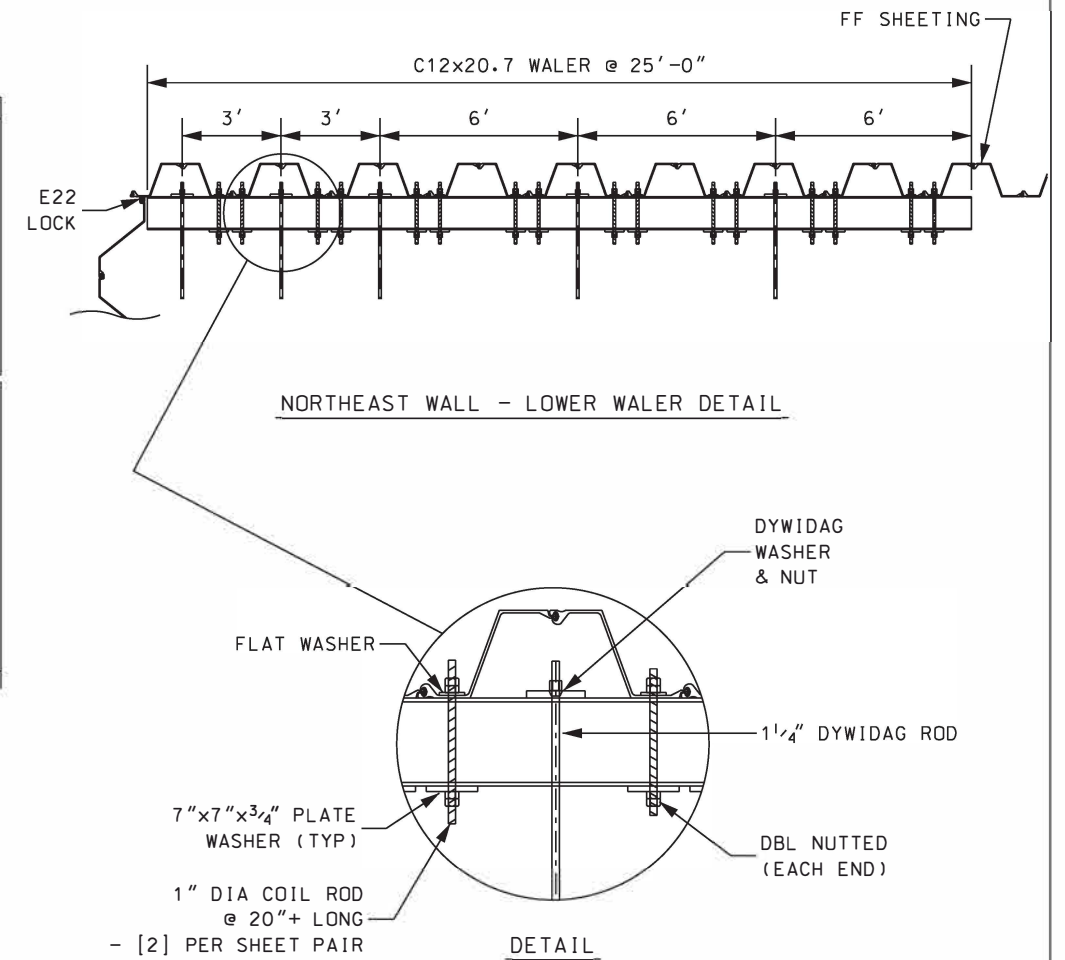
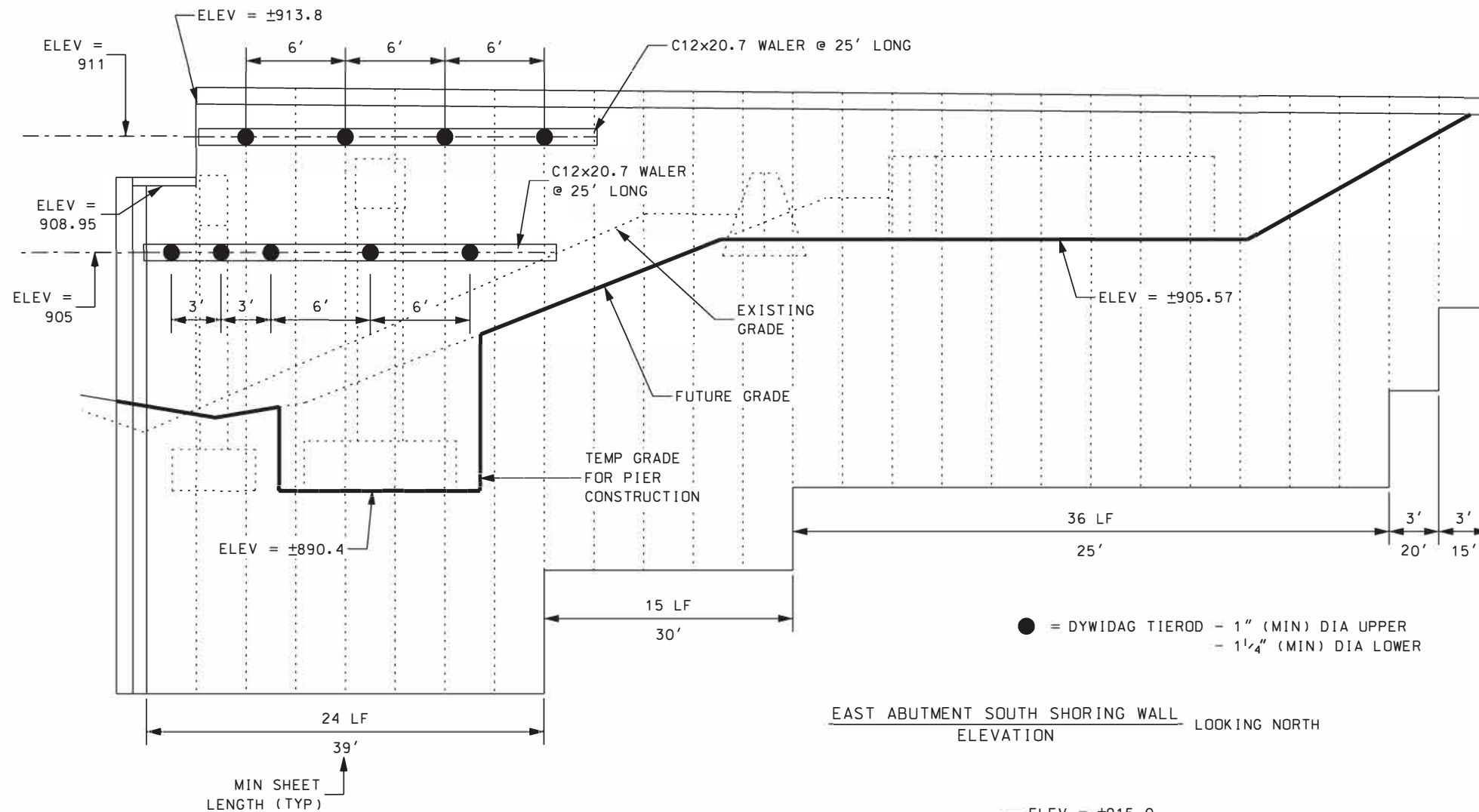
LAYOUT POINTS		
LOCATION	STATION	OFFSET
E	108+60.12	18.47' LT
F	108+06.12	18.47' LT
G	108+06.12	18.47' RT
H	108+87.12	18.47' RT

- STATION & OFFSETS IN  
REFERENCE TO TANGENT LINE @  
107+78.73  $\angle$  STAGE 3 TEMP EB

EAST ABUTMENT TEMP SHORING  
PLAN

#	Date	Revision		
Job Title:			Page Title:	
SPN : 1022-08-72 IH 94 OVER CTH K TOWN OF MENOMINEE DUNN COUNTY, WI			TEMPORARY BRIDGE - EAST ABUTMENT SHORING DETAILS	
LUNDA CONSTRUCTION CO.			Bridge No.:	B-17-219/220
Lunda Job : 10708500			Date:	5/2/2018
			Sheet:	4 of 8

01:EngIneer'Ing#0-New Job Numbers#WISDOT#2017 (10640500+)\*0708500.11-22 Hoffman - MenomineeTemp Bridges\*Temp Bridges.dgn 5/2/2018 10:04:05 AM



ADDITIONAL SEQUENCES REQUIRED  
DURING PIER EXCAVATION FOR  
STRUCTURES B-17-219/220.  
- WORK w/ PIER SHORING PLAN.

**CONSTRUCTION SEQUENCE :**

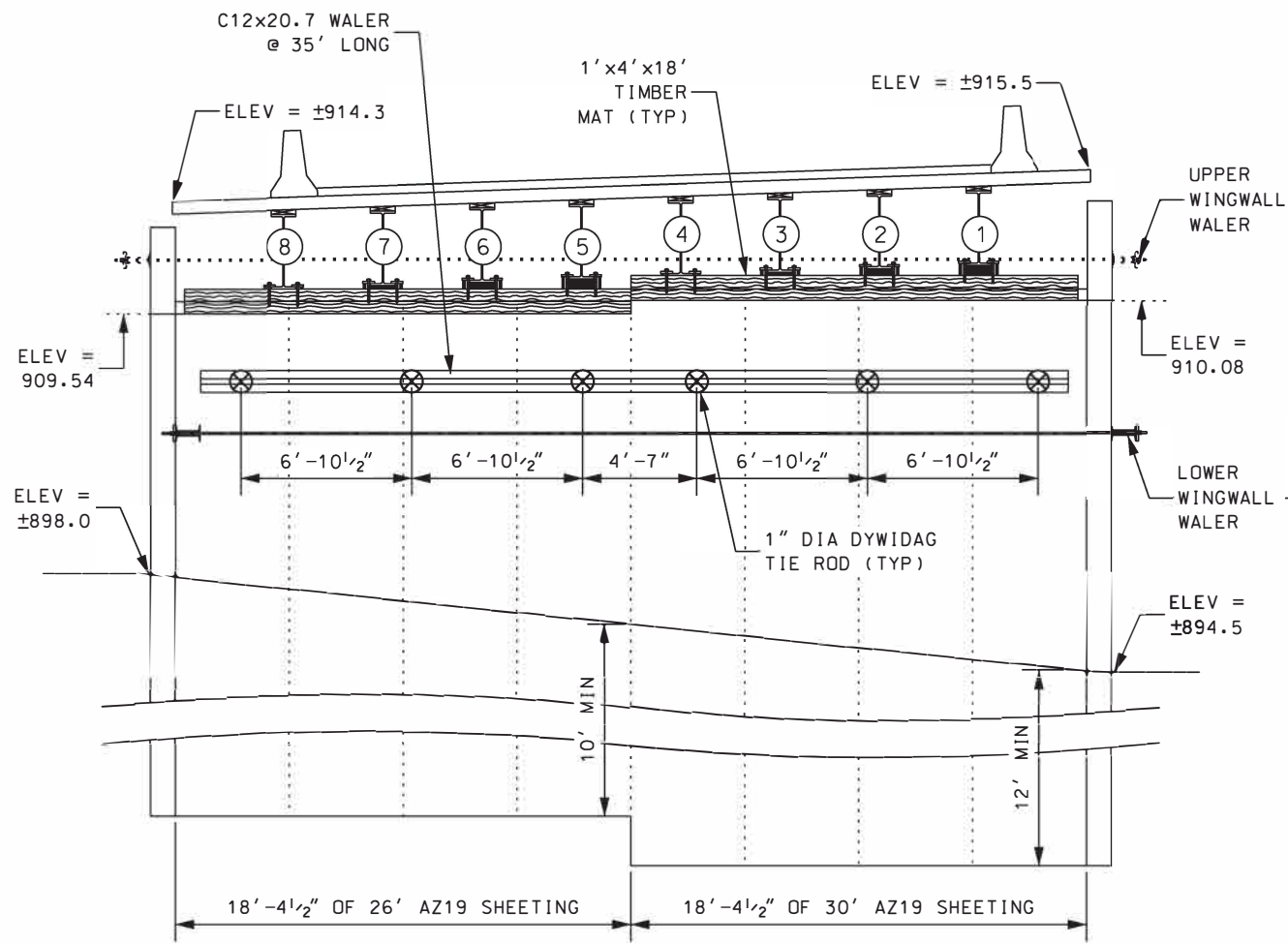
- 1) INSTALL SHEETING.
- 2) BACKFILL TO ELEVATION ±903.
- 3) INSTALL LOW WINGWALL WALER & TIE RODS.
- 4) INSTALL WALER & TIE RODS ALONG FRONT FACE OF ABUTMENT SHEETING, ANCHORING TO CONCRETE BARRIER DEADMAN AS SHOWN (ALLOWABLE TO BACKFILL TO ELEV ±905 PRIOR TO INSTALLING WALER).
- 5) BACKFILL TO BOTTOM OF TIMBER MAT ABUTMENT.
- 6) INSTALL TIMBER MAT ABUTMENT, TEMP BRIDGE BEAMS & TIMBER BACKWALL.
- 7) INSTALL UPPER WALER & TIERODS ALONG ABUTMENT WINGS.
- 8) BACKFILL TO FINAL ROADWAY ELEVATION.
- 9) SHORING TO BE REMOVED IN REVERSE ORDER.

**CONSTRUCTION NOTES :**

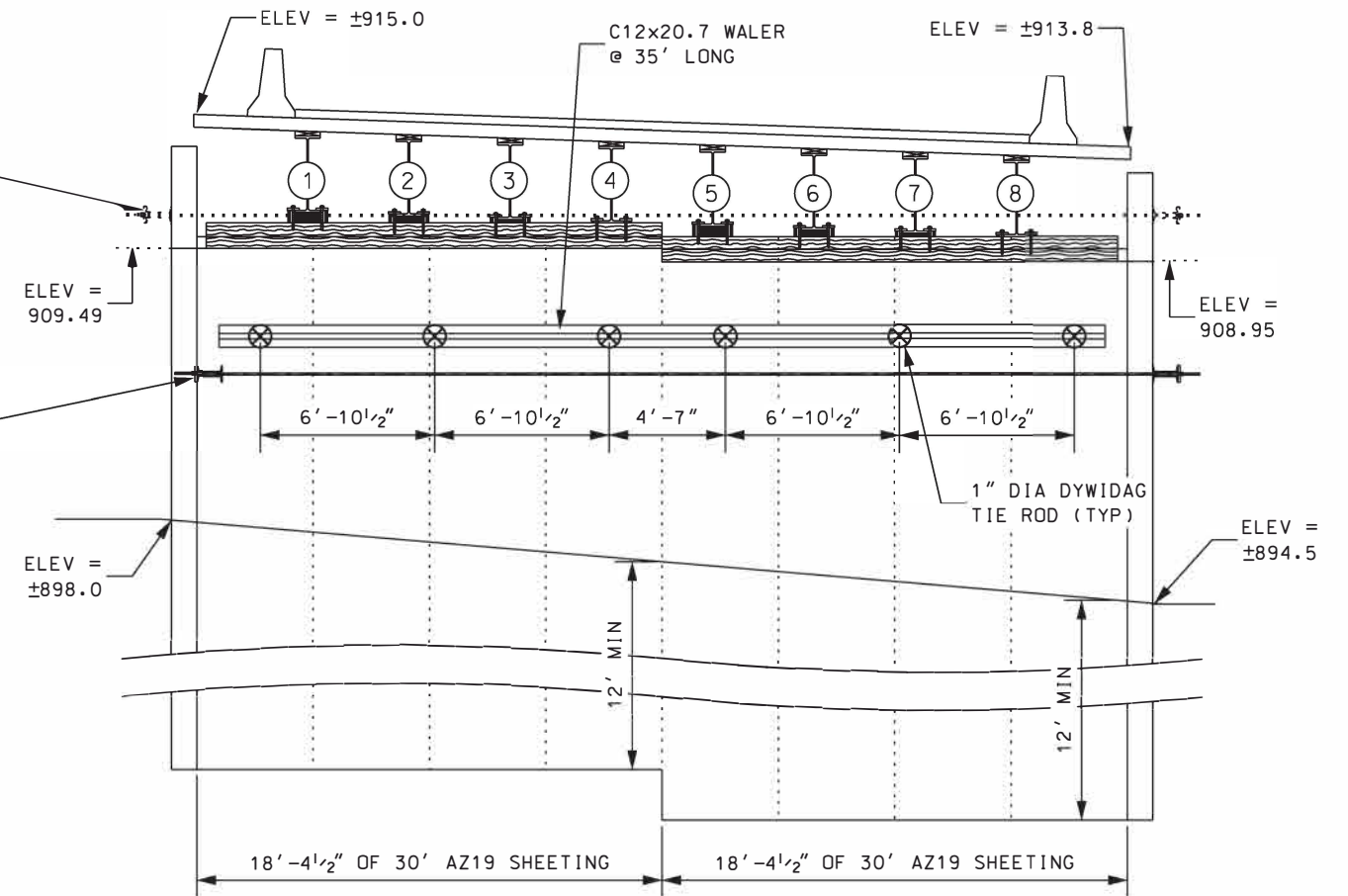
- 1) LOCATE ALL UTILITIES NEAR SHORING LOCATIONS. ENSURE ALL UTILITIES ARE CLEAR BEFORE INSTALLING SHORING OR PERFORMING EXCAVATIONS.
- 2) ENSURE ADEQUATE TOE IS ACHIEVED.
- 3) DO NOT OVER-EXCAVATE DURING CONSTRUCTION OF NEW STRUCTURE.

#	Date	Revision	Page Title:	
Job Title:	SPN : 1022-08-72 IH 94 OVER CTH K TOWN OF MENOMINEE DUNN COUNTY, WI		TEMPORARY BRIDGE - EAST ABUTMENT SHORING DETAILS	
LUNDA CONSTRUCTION CO.		Lunda Job : 10708500	Bridge No.:	B-17-219/220
			Date:	5/2/2018
			Sheet:	5 of 8

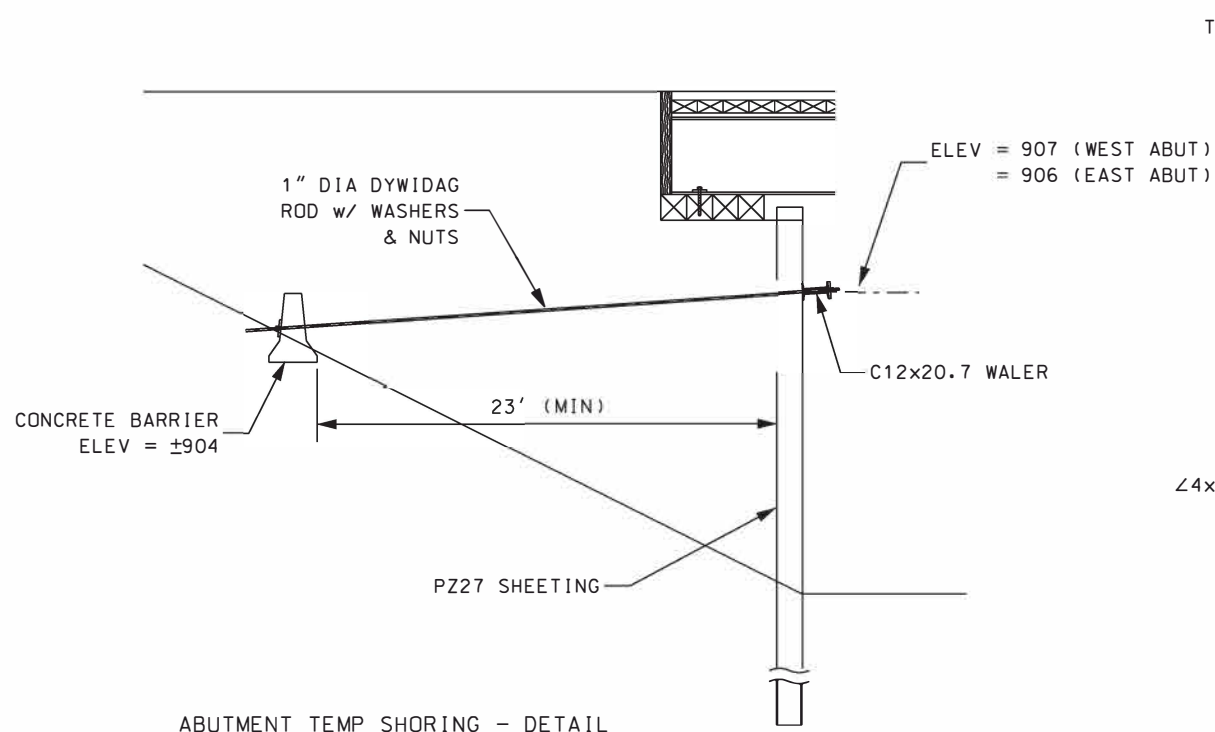
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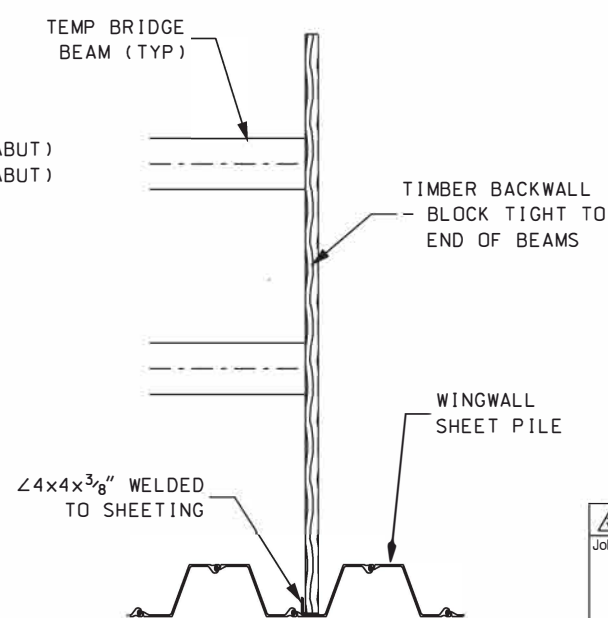
WEST ABUTMENT  
ELEVATION LOOKING WEST



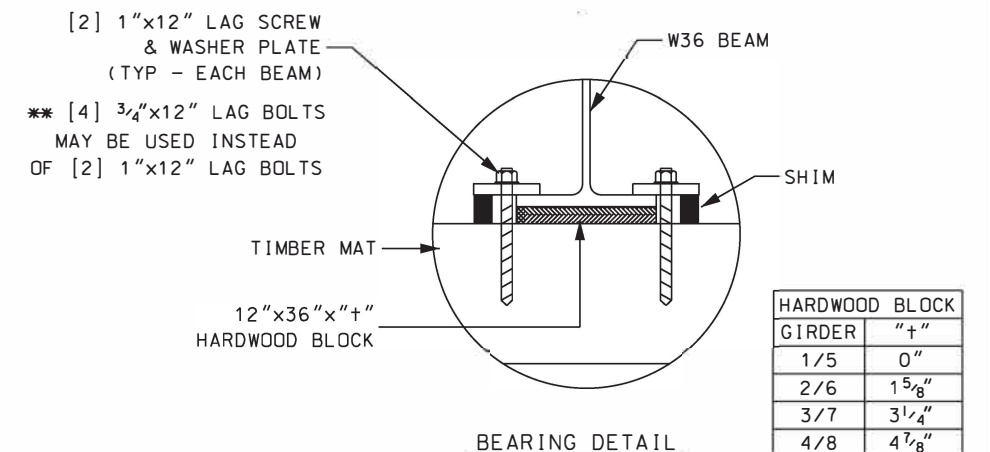
EAST ABUTMENT  
ELEVATION LOOKING EAST



ABUTMENT TEMP SHORING - DETAIL



TIMBER BACKWALL DETAIL

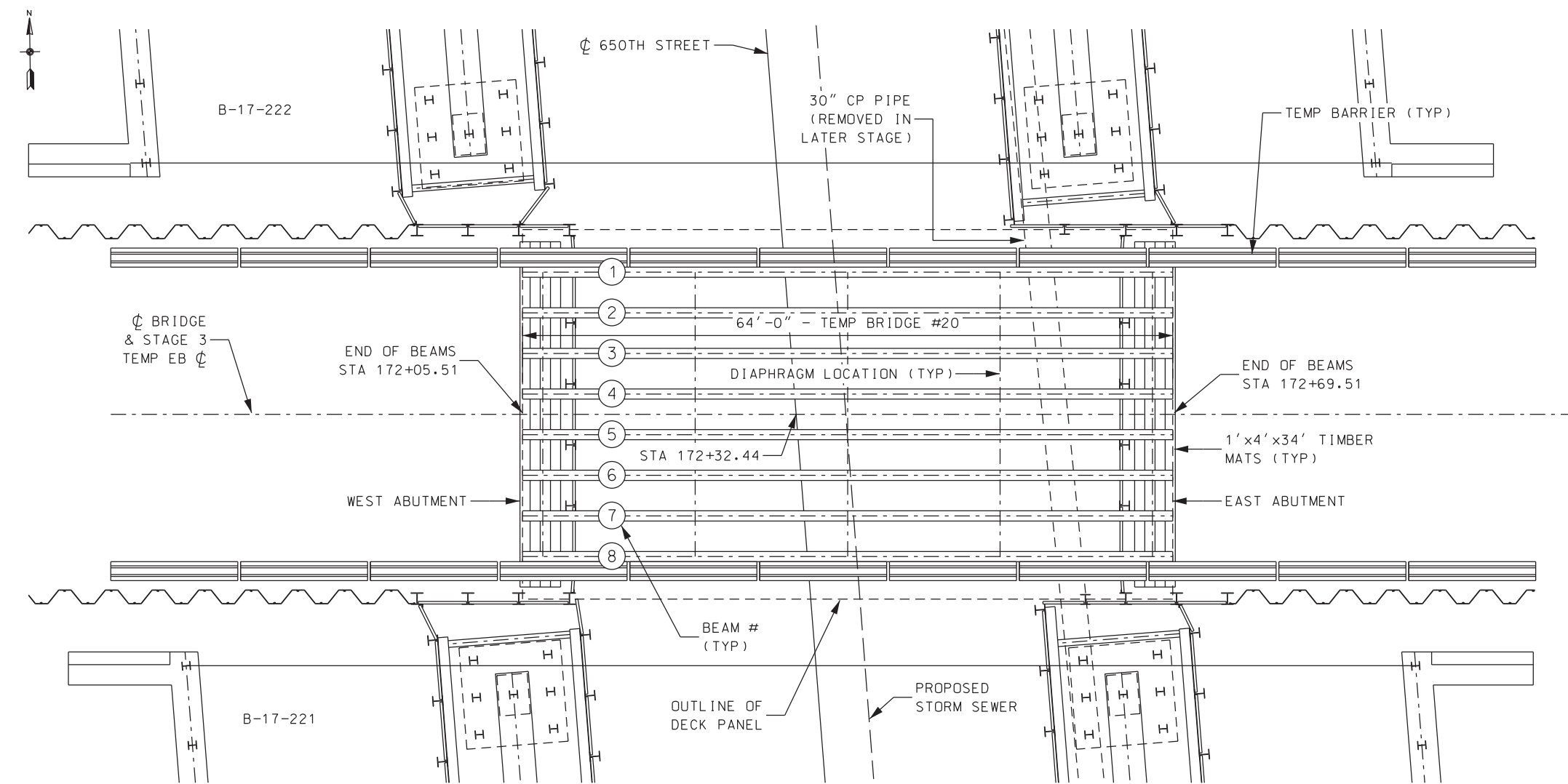


HARDWOOD BLOCK	
GIRDER	"+"
1/5	0"
2/6	1 5/8"
3/7	3 1/4"
4/8	4 7/8"

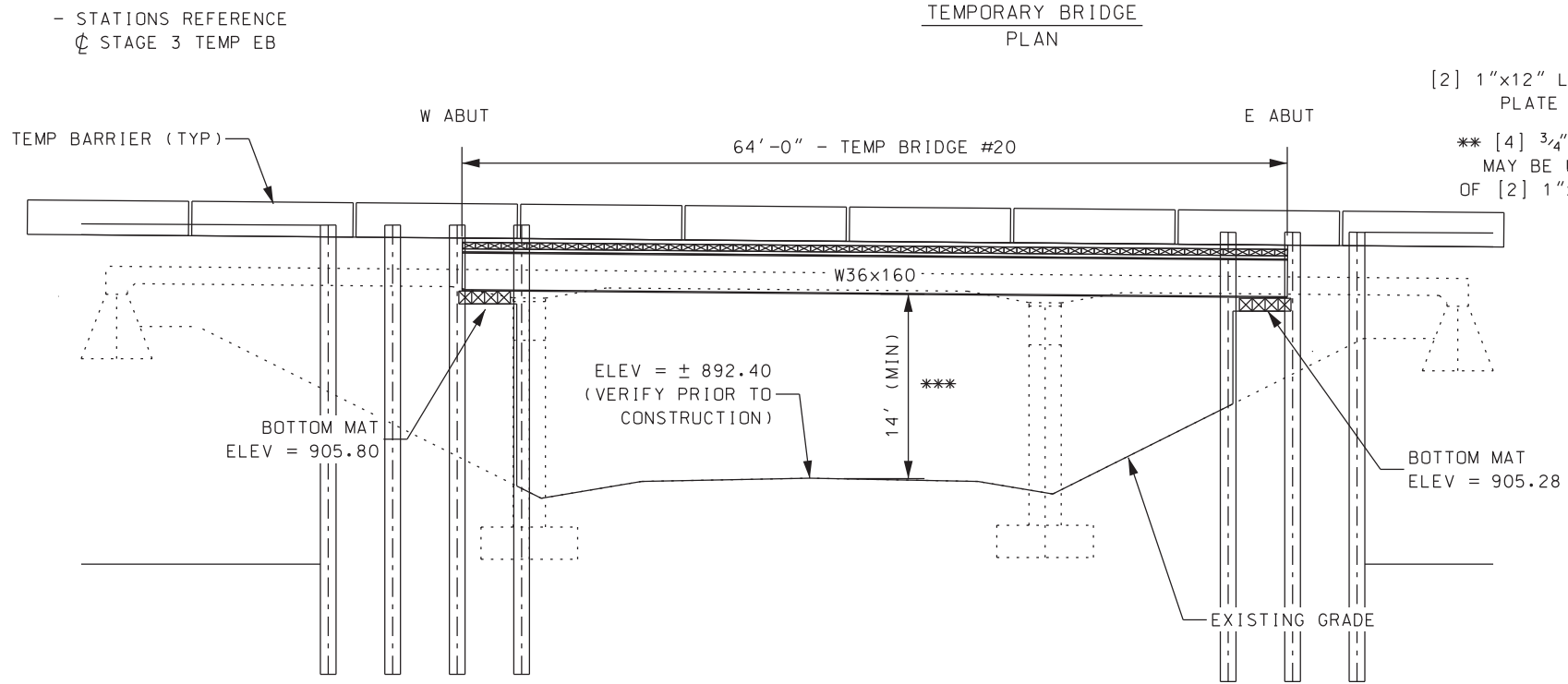
#	Date	Revision	Page Title:
			TEMPORARY BRIDGE - ABUTMENT SHORING DETAILS
Job Title: SPN : 1022-08-72 IH 94 OVER CTH K TOWN OF MENOMINEE DUNN COUNTY, WI			Bridge No.: B-17-219/220
LUNDA CONSTRUCTION CO.			Date: 5/2/2018 Sheet: 6 of 8
Lunda Job : 10708500			



5/2/2018 10:48:19 AM 0:\*Engineer:ing\*0-New Job Numbers\*WisDOT#2017 (10640500+)\*10708500-11-22 Hoffman - Menominee\*Temp Bridges\*Temp Bridges.dgn



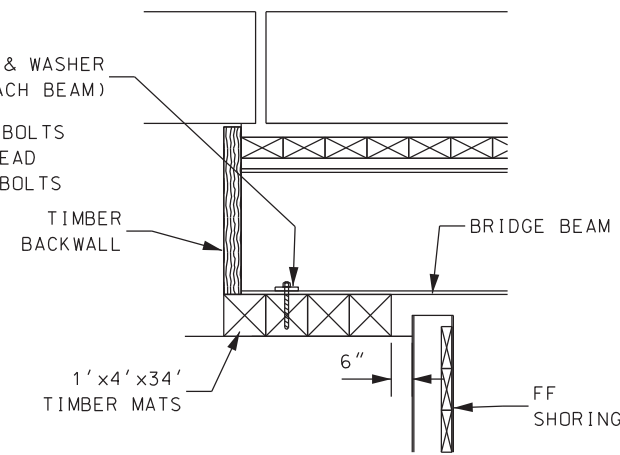
TEMPORARY BRIDGE  
PLAN



TEMPORARY BRIDGE  
ELEVATION

\*\*\* VERTICAL CLEARANCE & ALL  
ELEVATIONS ASSUME EB TEMP PROFILE  
IS RAISED 4" FROM STATE PLAN

[2] 1"x12" LAG SCREW & WASHER  
PLATE (TYP - EACH BEAM)  
\*\* [4] 3/4"x12" LAG BOLTS  
MAY BE USED INSTEAD  
OF [2] 1"x12" LAG BOLTS



ABUTMENT DETAIL

DESIGN DATA :  
DESIGN LOADING : HL-93

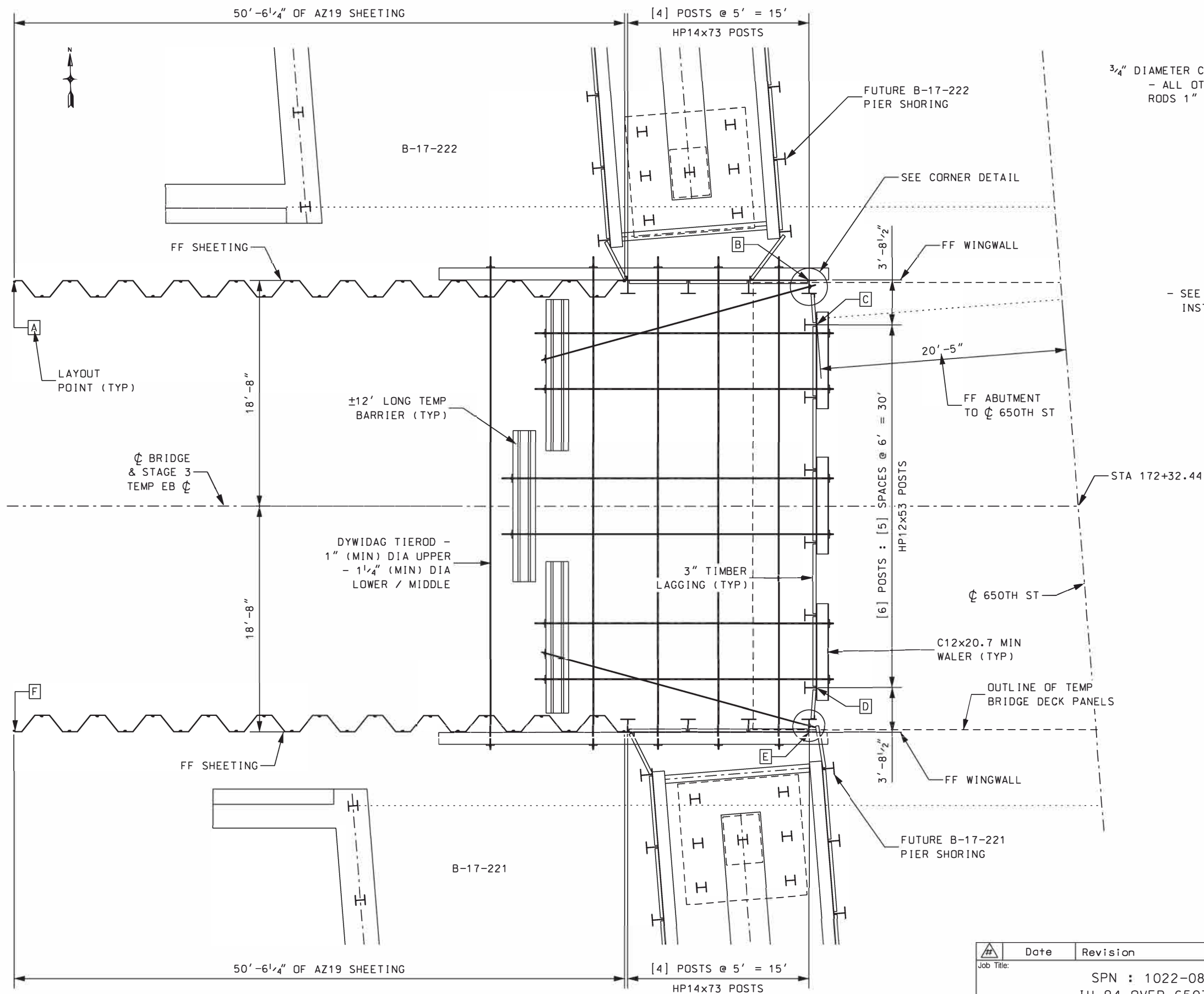
MATERIAL PROPERTIES :  
PZ27/AZ19 SHEET PILE :  $F_y = 50$  ksi  
HP-MEMBERS :  $F_y = 50$  ksi  
1" DIA DYWIDAG ROD :  $F_u = 150$  ksi  
3/4" B12 DAYTON SUP. ROD :  $F_y = 100$  ksi  
BOLTS : A325  
ALL OTHER STEEL :  $F_y = 36$  ksi  
3" TIMBER LAGGING :  $F_b = 1000$  psi

- GENERAL NOTES :
- 1) STATIONING OF TEMPORARY BRIDGE SUBSTRUCTURE UNITS TO BE VERIFIED IN FIELD.
  - 2) PRIOR TO CONSTRUCTION, LOCATE & AND IDENTIFY ALL UTILITIES AND NOTIFY THE ENGINEER OF ANY CONFLICTS.
  - 3) ABUTMENTS TO BE MONITORED FOR SETTLEMENT.
  - 4) APPLY TACK COAT TO DECK PANELS PRIOR TO PLACING ASPHALT.
  - 5) UTILIZE TEMPORARY BRIDGE #20 FROM INVENTORY.
  - 6) TEMPORARY BRIDGE BEAMS TO BE BLOCKED TIGHT AGAINST TIMBER BACKWALL. MONITOR BLOCKING FOR LOOSENING.
  - 7) TEMPORARY PRECAST CONCRETE BARRIER TO BE PINNED TO ADJACENT PARAPET SECTIONS.
  - 8) BRIDGE BEAM FLANGES TO BE CLAMPED TO TIMBER MATS AT ABUTMENTS.
  - 9) ABUTMENTS TO BE BACKFILLED w/ GRANULAR FILL COMPACTED TO A MINIMUM 95% PROCTOR DENSITY.
  - 10) DRAWINGS ARE NOT TO BE SCALED.
  - 11) SEE SHEETS 2 - 6 FOR ABUTMENT SHORING DETAILS & CONSTRUCTION SEQUENCE.

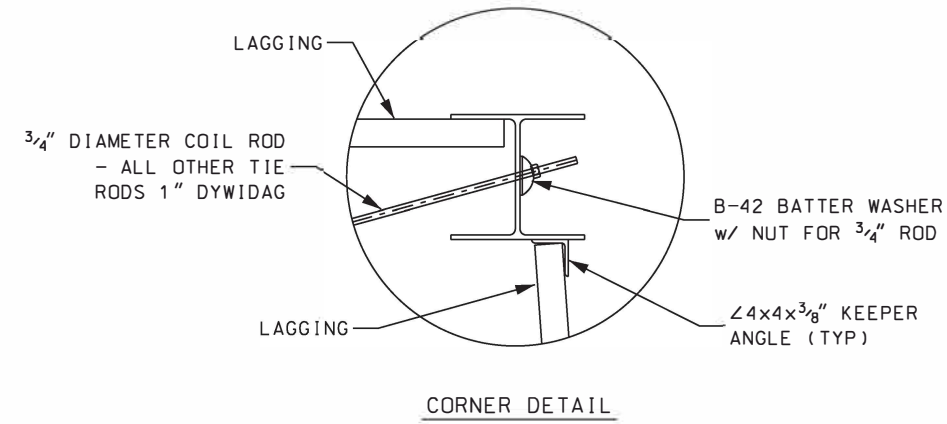
WISCONSIN  
MICHAEL P. HENDRICKS  
E-42122  
WAUKESHA  
WI  
PROFESSIONAL ENGINEER  
5/2/2018

#	Date	Revision	Page Title:
Job Title:	SPN : 1022-08-72 IH 94 OVER 650TH ST TOWN OF MENOMINEE DUNN COUNTY, WI		TEMPORARY BRIDGE
LUNDA CONSTRUCTION CO.		Lunda Job : 10708500	Bridge No.: B-17-221/222
		Date: 5/2/2018	Sheet: 1 of 8

5/2/2018 10:33:10 AM 0:\Engineering\New Job Numbers\WisDOT\2017 (10640500+)\10708500.11-22 Hoffman - Menominee\Temp Bridges\Temp Bridges.dgn



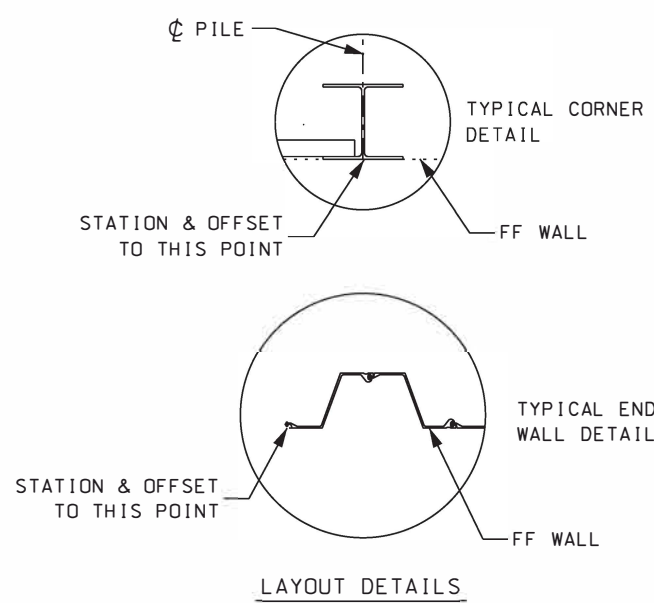
WEST ABUTMENT TEMP SHORING  
PLAN



- SEE SHEET 4 FOR LAGGING  
INSTALLATION METHODS

LAYOUT POINTS		
LOCATION	STATION	OFFSET
A	171+44.35	18.66' LT
B	172+10.13	18.71' LT
C	172+10.74	15.00' LT
D	172+10.74	15.00' RT
E	172+10.13	18.71' RT
F	171+44.35	18.66' RT

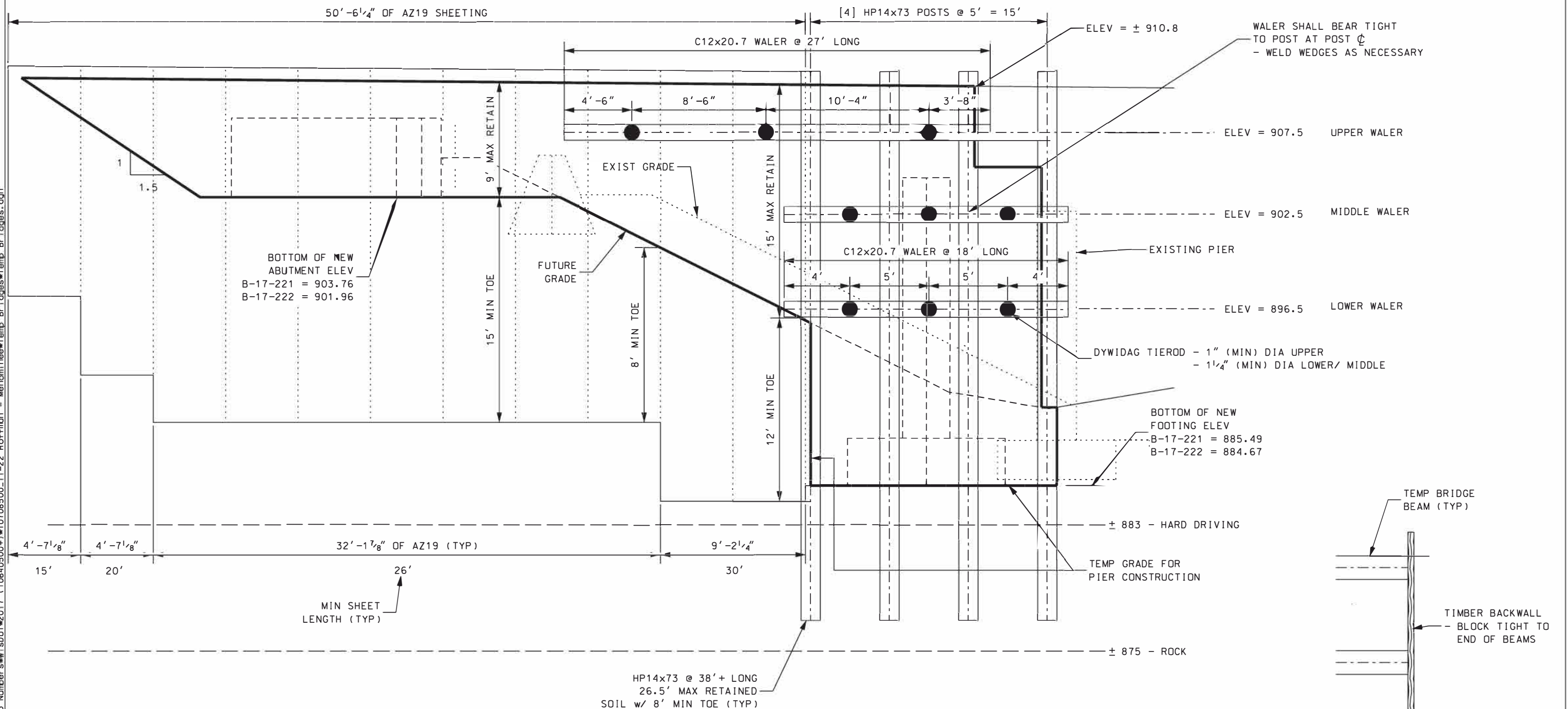
- STATION & OFFSETS IN  
REFERENCE TO 650TH ST



#	Date	Revision	Page Title:	
Job Title:			SPN : 1022-08-72 IH 94 OVER 650TH ST TOWN OF MENOMINEE DUNN COUNTY, WI	
<b>LUNDA</b> CONSTRUCTION CO.			TEMPORARY BRIDGE - WEST ABUTMENT SHORING DETAILS	
			Bridge No.:	B-17-221/222
			Date:	5/2/2018
			Sheet:	2 of 8



5/2/2018 10:33:21 AM 01:EngIneer:Ing#0-New Job Numbers\*WisDOT#2017 (10640500+)\*10708500.11-22 Hoffman - MenomineeTemp Bridges\*Temp Bridges.dgn



CONSTRUCTION SEQUENCE :

- 1) INSTALL SHEETING & SOLDIER PILE AS SHOWN.
- 2) INSTALL LOW WALER & TIE RODS.
- 3) BACKFILL & LAG TO ± 3' BELOW MIDDLE WALER.
- 4) INSTALL WALER & TIE RODS ALONG FRONT FACE OF ABUTMENT, ANCHORING TO CONCRETE BARRIER DEADMAN AS SHOWN.
- 5) INSTALL MIDDLE WALER & TIERODS ALONG ABUTMENT WINGS.
- 6) BACKFILL & LAG TO BOTTOM OF TIMBER MAT ABUTMENT.
- 7) INSTALL TIMBER MAT ABUTMENT, TEMP BRIDGE BEAMS & TIMBER BACKWALL.
- 8) INSTALL UPPER WALER & TIERODS ALONG ABUTMENT WINGS.
- 9) BACKFILL & LAG TO FINAL ROADWAY ELEVATION.
- 10) SHORING TO BE REMOVED IN REVERSE ORDER.

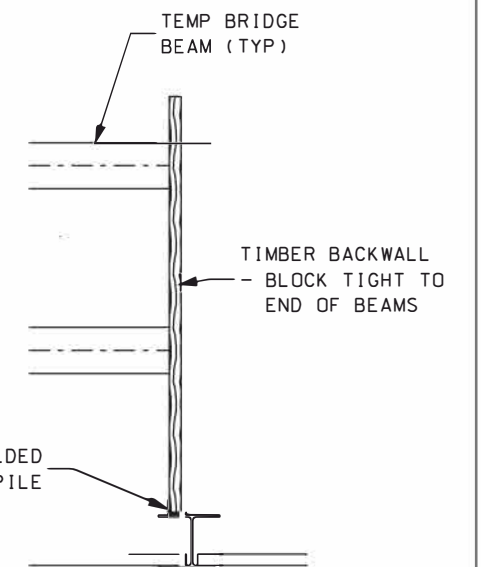
ADDITIONAL SEQUENCES REQUIRED DURING PIER EXCAVATION FOR STRUCTURES B-17-221/222.  
- WORK w/ PIER SHORING PLAN.

WEST ABUTMENT TEMP SHORING  
ELEVATION

SOUTH SHORING WALL SHOWN  
NORTH SHORING WALL SIMILAR

CONSTRUCTION NOTES :

- 1) LOCATE ALL UTILITIES NEAR SHORING LOCATIONS. ENSURE ALL UTILITIES ARE CLEAR BEFORE INSTALLING SHORING OR PERFORMING EXCAVATIONS.
- 2) ENSURE ADEQUATE TOE IS ACHIEVED.
- 3) DO NOT OVER-EXCAVATE DURING CONSTRUCTION OF NEW STRUCTURE.

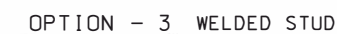


TIMBER BACKWALL DETAIL  
PLAN

#	Date	Revision
Job Title:	SPN : 1022-08-72 IH 94 OVER 650TH ST TOWN OF MENOMINEE DUNN COUNTY, WI	
Page Title:	TEMPORARY BRIDGE - WEST ABUTMENT SHORING DETAILS	
Bridge No.:	B-17-221/222	
Date:	5/2/2018	Sheet: 3 of 8

**LUNDA**  
CONSTRUCTION CO.



Lunda Job :  
10708500





RECOMMENDED METHODS :  
- FILL AREA = OPTION 1  
- CUT AREA = OPTION 2/3

OPTION - 2  
ELEVATION  
SIMILAR FOR OPTION - 3

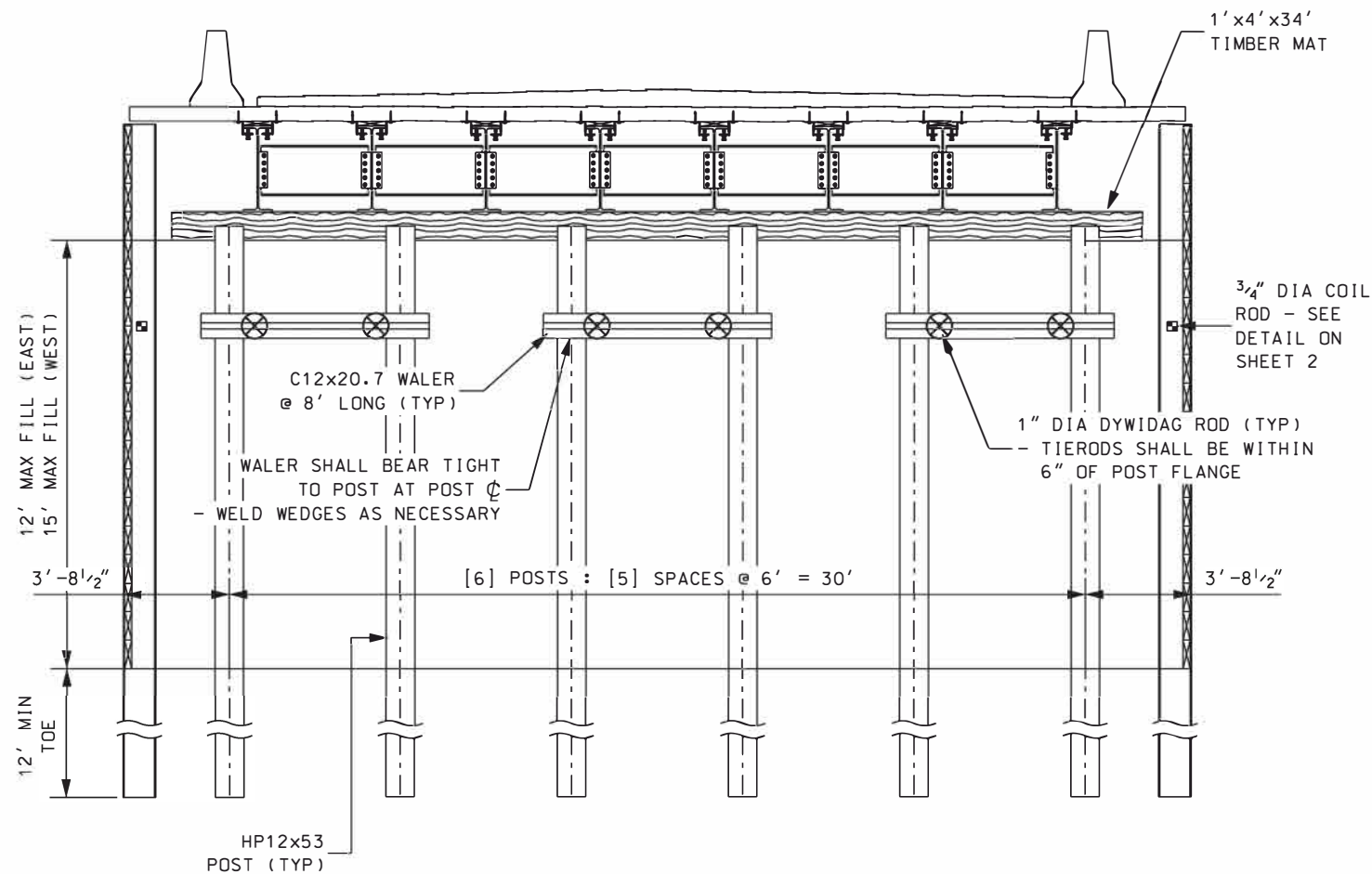
- STATION & OFFSETS IN  
REFERENCE TO C STAGE 3 TEMP EB

	Date	Revision
Job Title:		Page Title:
SPN : 1022-08-72 IH 94 OVER 650TH ST TOWN OF MENOMINEE DUNN COUNTY, WI		TEMPORARY BRIDGE - EAST ABUTMENT SHORING DETAILS
 <b>LUNDA</b> CONSTRUCTION CO.	Lunda Job :	Bridge No.:
	10708500	B-17-221/222
Date: 5/2/2018		Sheet: 4 of 8



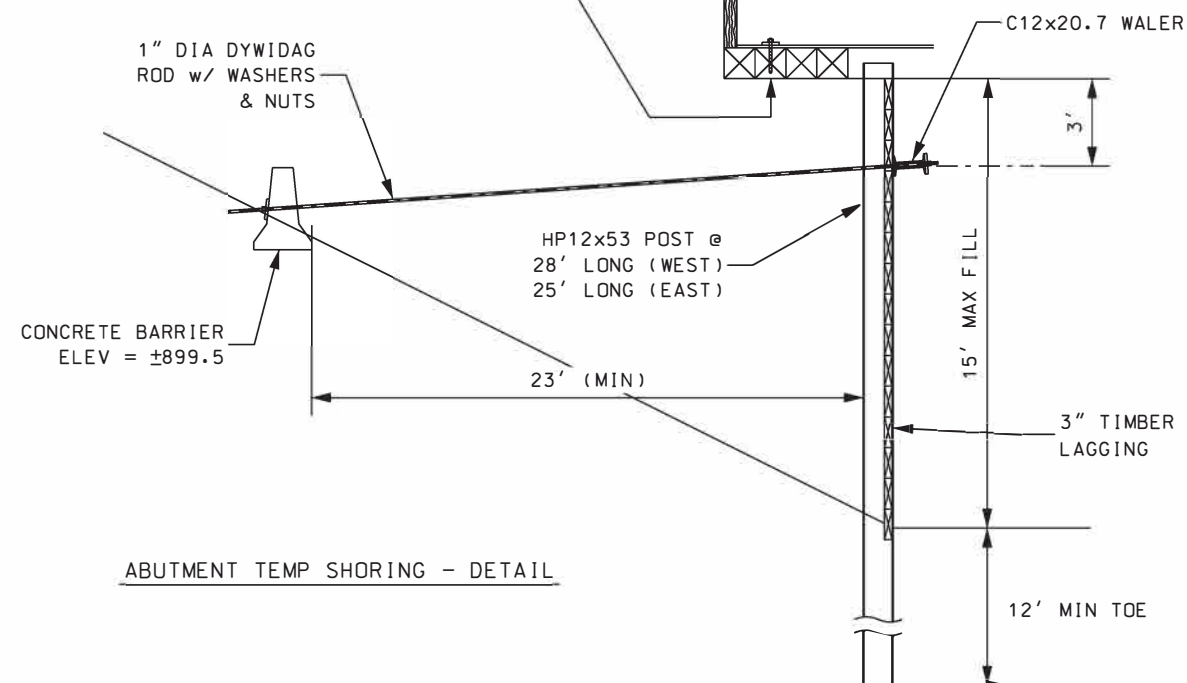
	Date	Revision	Job Title: SPN : 1022-08-72 IH 94 OVER 650TH ST TOWN OF MENOMINEE DUNN COUNTY, WI		Page Title: TEMPORARY BRIDGE - EAST ABUTMENT SHORING DETAILS
			Lunda Job : 10708500		Bridge No.: B-17-221/222 Date: 5/2/2018      Sheet: 5 of 8

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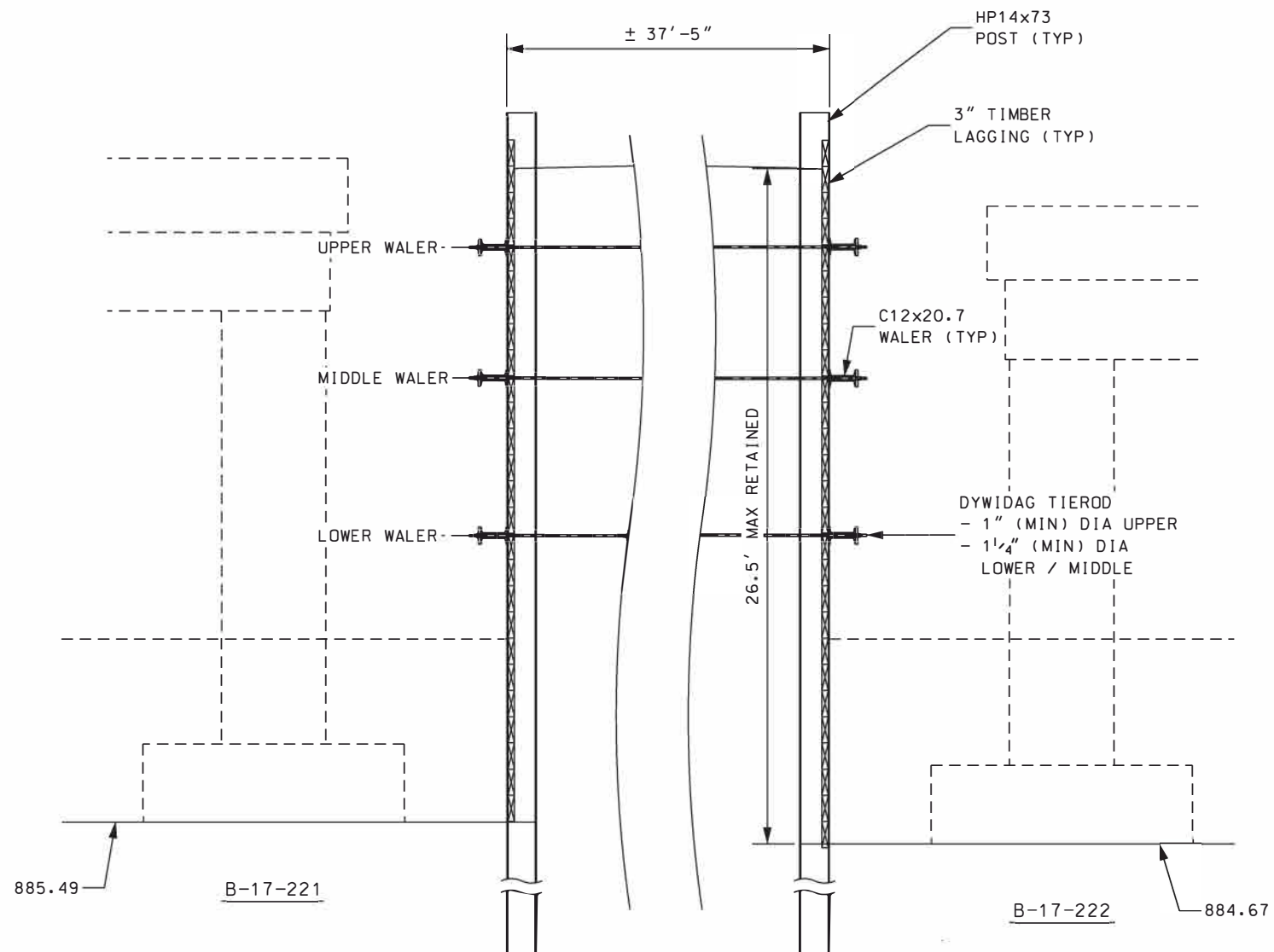


ABUTMENT TEMP SHORING  
ELEVATION

BOTTOM OF TIMBER MAT ELEV  
EAST ABUT = 905.28  
WEST ABUT = 905.80



ABUTMENT TEMP SHORING - DETAIL



TEMP SHORING DURING PIER EXCAVATION  
SECTION

#	Date	Revision	Page Title:
Job Title:	SPN : 1022-08-72 IH 94 OVER 650TH ST TOWN OF MENOMINEE DUNN COUNTY, WI		TEMPORARY BRIDGE - ABUTMENT SHORING DETAILS
<b>LUNDA</b> CONSTRUCTION CO.		Lunda Job : 10708500	Bridge No.: B-17-221/222
		Date: 5/2/2018	Sheet: 6 of 8

## Attachment B- Site photos





B-17-217. Looking at Pier 1 from 250th on South side of Temp Bridge.





B-17-217. Looking North along Pier 1 on East Side of Pier



B-17-217. Looking North along Pier 1 on West side of Pier.





B-17-217. Looking at  
Pier 2 from 250th on South  
Side of Temp Bridge





B-17-217. Looking at Pier 2 from 250th on South Side of Temp Structure.





B-17-217. Looking North along Pier 2 on East side of Pier 2.





View of B-17-221 Excavation. Looking west from east abutment.





B-17-221. Looking North along center of Pier 2.





B-17-219. View of P1  
Looking East from  
West Abutment





B-17-219. Looking North along pier 1 from south side of structure.





B-17-219. Looking North along Pier 2 from South Side of Structure.





## Attachment C - Pre-Bid Questions and Answers

20171114	20171114022	22	Quantity for Concete Barrier Temporary Precast	The Miscellaneous Quantities chart on sheet 159 does not appear to include barrier that is shown on the traffic control drawings? Refer to sht 159 Stage 4-D (stage col) Stage 5 (location col). There is a double run of barrier shown on sheets 99 thru 101 {Traffic Control stage 5} station 47+00 to 109+00 15' lt & 15' rt = 12400 LF total, also on sheet 103 {Traffic Control stage 5} station 171+00 to 188+00 15' lt & 15' rt = 3400 LF total. Is the chart incorrect or are the drawings incorrect?	The lengths of barrier in question are to be installed on the temp median roadway initially for Stage 3, and left in place for Stage 5.
20171114	20171114022	22	follow up to temp barrier question	Stage 4c (sheets 89 - 97) does not show that barrier? The plans also list the median as a work zone (stage 4C sheet 53) for removing west bound temp widening (median)and constructing east bound temp widening (median). How can this barrier be "in place" if we need to be reconstructing the median widenings in this area?	The cross hatched area that the plans show is a work area that is available for contractors, but not open to live traffic. Stage 4 work involves reconstructing only the "median widening" adjacent to the interstate passing lanes where the median width is narrow. The stand-alone temporary "median roadway" and temporary structures from Stage 3 do not require reconstructing for use during Stage 5, except where the "median roadway" transitions into, or out of, the "median widening". Therefore, the barrier within these station ranges for the temporary "median roadway" can be left in place.
20171114	20171114022	22	Earthwork files	Can you post the earthwork data excel documents for project number 1022-08-72 (November 2017 #22 â€“ Hudson-Menomonie) to the Project Document Index?	The files can be found at <a href="ftp://ftp.dot.wi.gov/dtsd/hcci/projectdocuments/20171114022/">ftp://ftp.dot.wi.gov/dtsd/hcci/projectdocuments/20171114022/</a>
20171114	20171114022	22	Horizontal Clearance requirements for roads under IH94	Do the "minimum" horizontal clearances for the temporary structures shown on plan details sheets 20-23 apply to the falsework for the adjacent new permanent structures?	Horizontal clearances shown on sheets 20-23 are for the temporary structures only. Placement of temporary concrete barrier along 250th Street, CTH K, and 650th Avenue shall provide 2 ft. minimum shy distance, on both sides of the existing lane widths. Falsework would need to be kept outside of the temporary barrier.
20171114	20171114022	22	Geotextile SR	Please ignore previous question	For Geogrid, Type SR please see standard specification 645.2.3.2
20171114	20171114022	22	Traffic Control Plans for underpasses	Other than what is listed in the Construction Staging and Traffic portions of the special provisions, are there traffic control plans for 390th, 250th, CTH K and 650th? Lane and/or shoulder closures will be required for substructure removal and new substructure placement.	Temporary concrete barrier specified for each underpass shall provide 2 ft. minimum shy distance on both sides of the existing lane widths for 250th Street, CTH K, and 650th Avenue. Three ft. minimum shy distance shall be provided on both sides of the existing lane widths for 390th Street. Permitted closures for each underpass (nighttime, continuous, or flagging operations) shall be set up according to standard detail drawings.
20171114	20171114022	22	Temporary Shoring at new pier locations	It appears that in order to remove the existing substructure and to install new substructure, temporary shoring would be required at 390th, 250th CTH K and 650th. will bid items be provided for this temporary shoring?	It is anticipated that the use of temporary shoring for existing structure removal and new substructure construction would be optional, and therefore was not included as a bid item.
20171114	20171114022	22	CAD Files	Can you provide the CAD dwg files for the earthwork?	The files can be found at <a href="ftp://ftp.dot.wi.gov/dtsd/hcci/projectdocuments/20171114022/">ftp://ftp.dot.wi.gov/dtsd/hcci/projectdocuments/20171114022/</a>
20171114	20171114022	22	Follow-up to question 8 - Temporary Shoring	Historically on past DOT projects, The DOT has provided the item(s) for Temporary Shoring if the shoring is required to protect the existing roadway/motorists. With the significant cuts required for the removal of the existing piers, installation of the new piers and to retain the existing slopes, it would seem appropriate to provide temporary shoring bid items at structures B-17-217, 218, 219, 220, 221and 222. Projects similar in nature either had the bid item in the original bid or eventually added the item via contract modification on projects SP 1023-02-74 and SP 1023-02-83. (Both projects located on IH-94 with similar excavation requirements requiring Temporary Shoring to protect both the traveling public and the existing slopes) . Can the items for Temporary be added via addendum?	Up to this point, use of temporary shoring for existing substructure removal and construction of new substructure units is not considered to be a necessity. To specify the temporary shoring now in an addenda would preclude other possible means of construction, and would not allow for proper consideration/evaluation of specific locations, quantities, traffic characteristics, staging, and utility impacts. If the temporary shoring is determined in the field to be necessary, it will have to be addressed through contract modification.
20171114	20171114022	22	Cold Weather Paving Item	The proposed construction staging plan on sheet 52 states that the yearly anticipated start date is the first Monday of April each year. Due to the temperatures in April and night work required, the department may want to add the Cold Weather Paving Item.	This item will be added in the addendum.
20171114	20171114022	22	Existing Topsoil in Median	It doesn't appear that the existing Topsoil in the median was accounted for in the earthwork summary? Assuming there is 1' of Topsoil in the Median that is 50,000 CY that is required to be stripped/removed in the Cuts and Fills. Only 10,000 CY of topsoil is required to be salvaged in this stage? Therefore 40,000 CY should be the EBS quantity in Stage 2G not 7,950 CY. This also equals more borrow (40,000 - 7,950 * 1.33) = 42,626 CY.	EBS quantities in the plan are estimated. The locations and limits for EBS will be determined in the field, and pay quantities will be adjusted accordingly.



Scott Lawr	1	10/12/2017 11:30	10/13/2017 16:37
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Scott Lawr	2	10/18/2017 10:04	10/23/2017 11:22
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Scott Lawr	3	10/23/2017 11:24	10/23/2017 20:13
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Scott Lawr	4	10/24/2017 14:53	10/31/2017 12:45
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Scott Lawr	6	10/25/2017 10:05	10/26/2017 12:53
Scott Lawr	7	10/25/2017 15:59	10/31/2017 12:45

Scott Lawr	8	10/25/2017 16:02	10/31/2017 16:22
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Scott Lawr	9	10/26/2017 14:02	10/31/2017 12:55
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Scott Lawr	10	11/3/2017 15:27	11/8/2017 16:30
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Scott Lawr	11	11/6/2017 14:17	11/7/2017 16:31
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Scott Lawr	12	11/8/2017 18:44	11/13/2017 14:22
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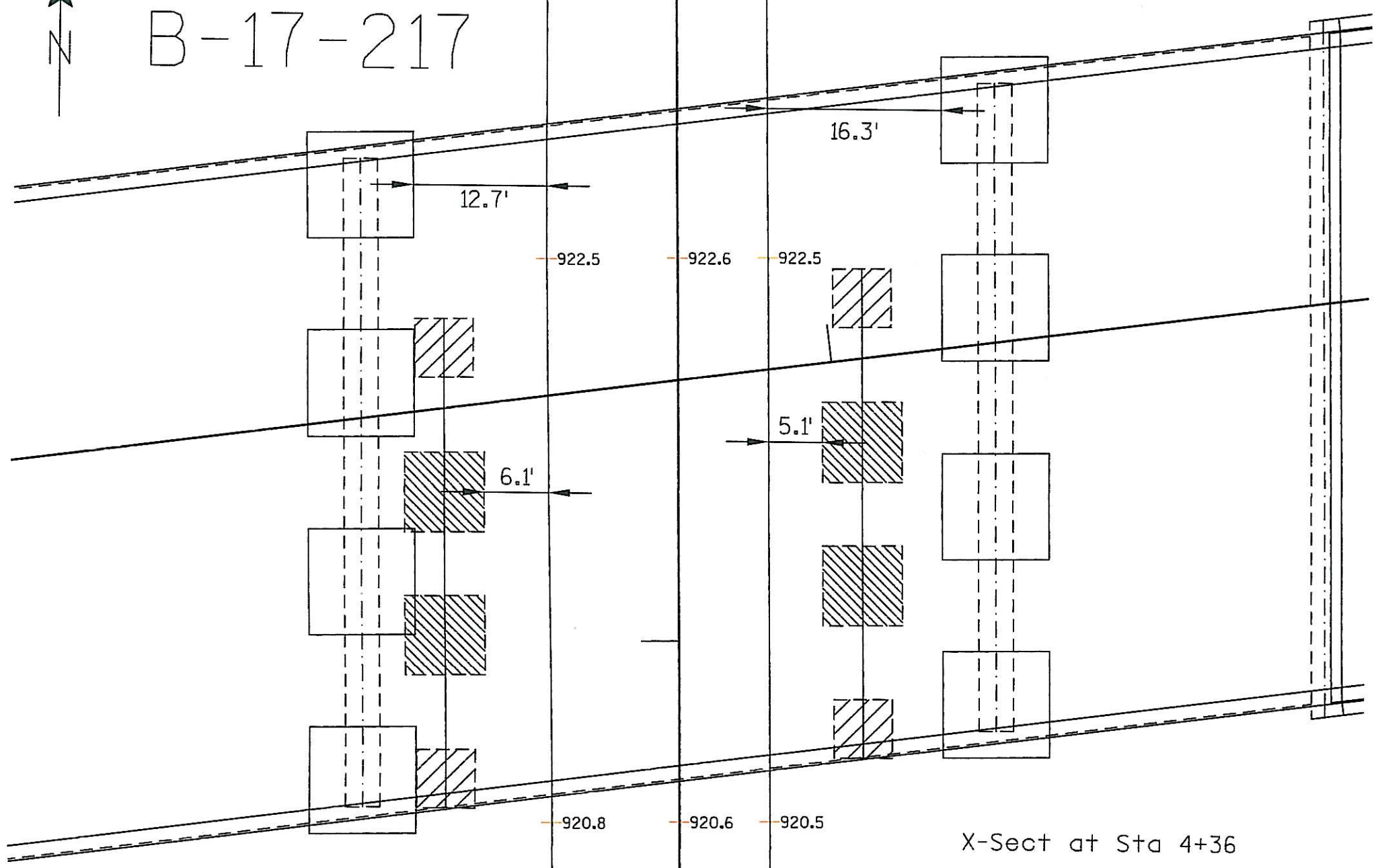
## Attachment D - footing reviews



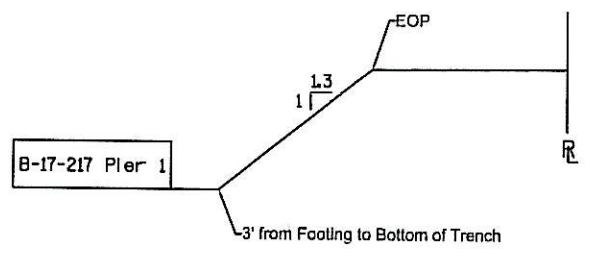
B-17-217 Footing and Available Width Review. Determined approximate slope from edge of pavement of 250th St. (10' lanes) to proposed footing elevation. Slopes less than 1.5:1 would require removal of asphalt of 250th and require either one lane stop condition or work on one pier at a time with 2 lanes open to traffic.



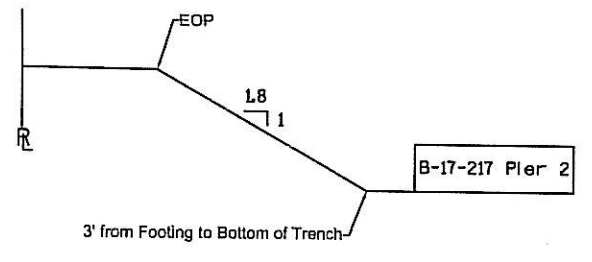
B-17-217



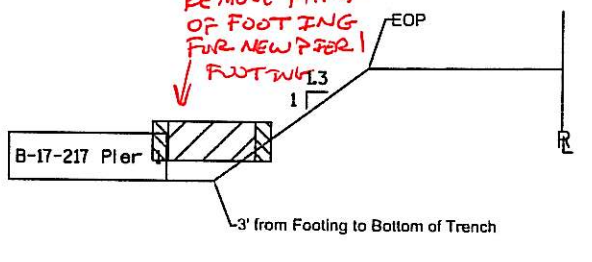
X-Section at Sta 4+48



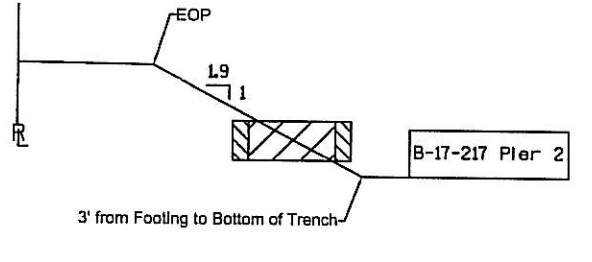
X-Section at Sta 4+36



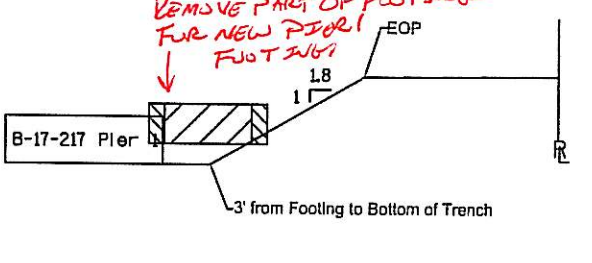
X-Section at Sta 4+36



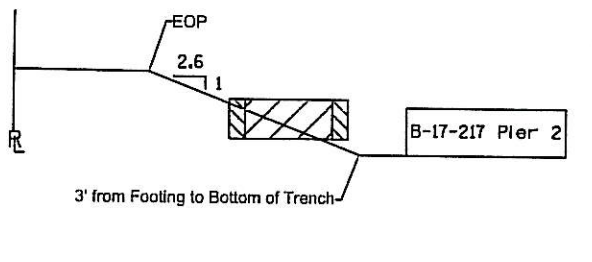
X-Section at Sta 4+36



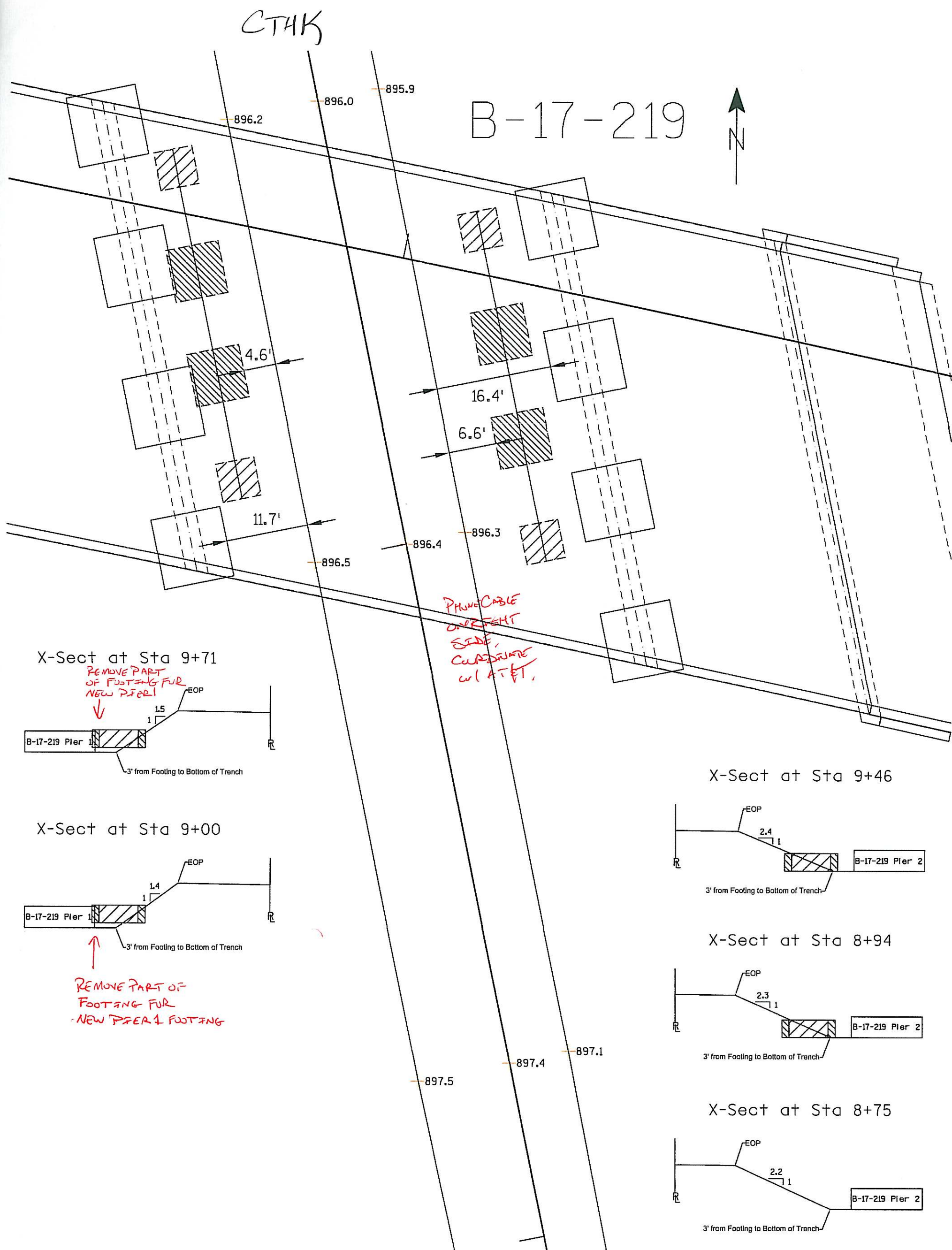
X-Section at Sta 3+82



X-Section at Sta 3+89

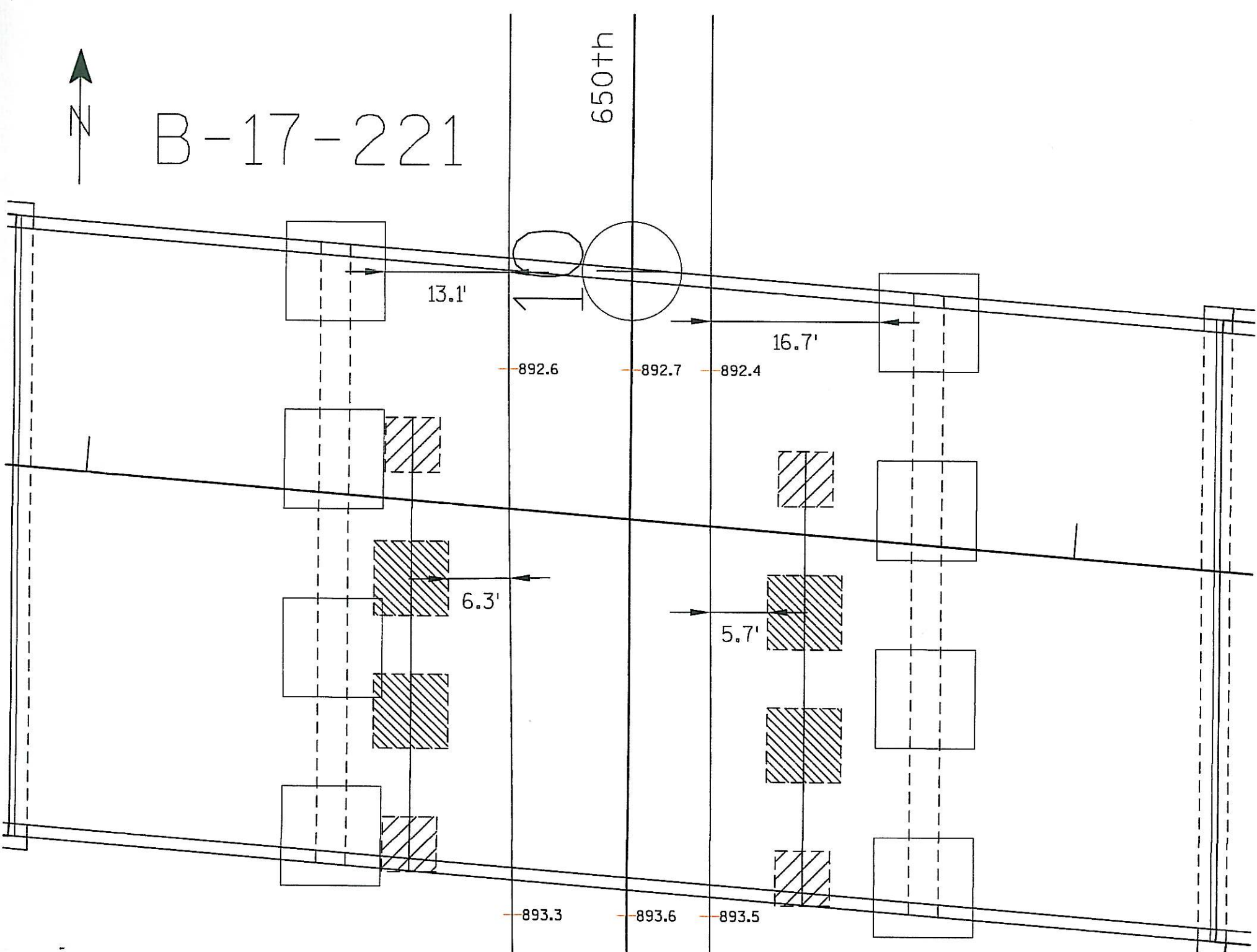


B-17-219 Footing and Available Width Review. Determined approximate slope from edge of pavement at CTH K (11' lanes) to proposed footing elevations. Slopes less than 1.5:1 would require removal of asphalt at CTH K and require either one lane stop condition or work on one pier at a time with 2 lanes open to traffic.

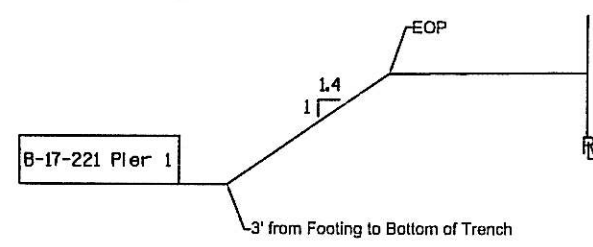




B-17-221 Footing and Available Width Review. Determined approximate slope from edge of pavement at 650th (10' lanes) to proposed footing elevations. Slopes less than 1.5:1 would require removal of asphalt at 650th and require one lane stop condition or work on one pier at a time with 2 lanes open to traffic.

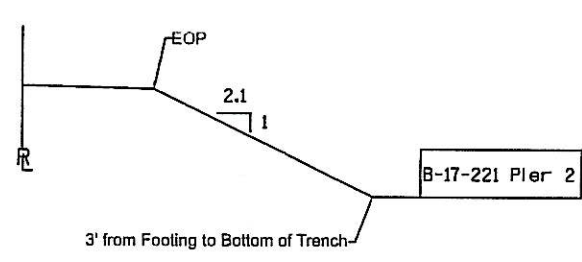


X-Sect at Sta 10+05

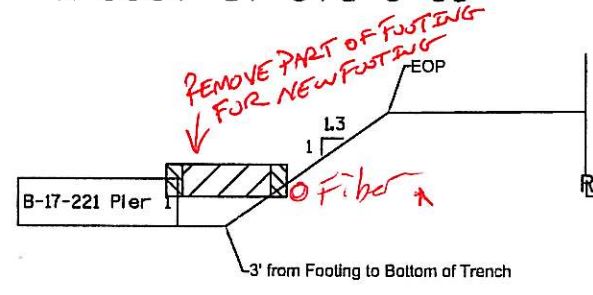


★ FIBER RELOCATED TO EAST SIDE OF EXIST PIER 1 FOOTING.

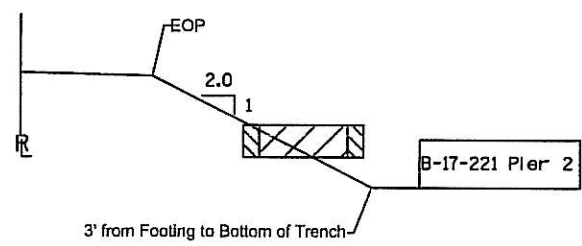
X-Sect at Sta 10+00



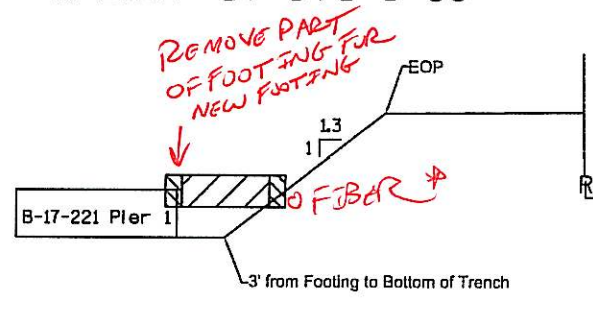
X-Sect at Sta 9+85



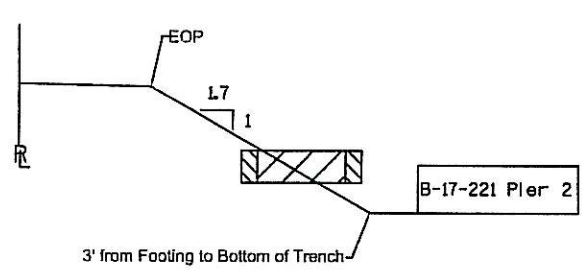
X-Sect at Sta 9+82



X-Sect at Sta 9+38



X-Sect at Sta 9+33



## Attachment E – Weekly Meeting Minutes



## April 24, 2018 weekly meeting minutes

- Hoffman is working on submitting a submittal with cost justification to the DOT for approval for using the 250<sup>th</sup> borrow pit.
- HCC indicated that they will use 4 structures per plan for stage 2 temp drainage. The CCO will be written soon for the changed inlet plan.
- If HCC does not get an answer on 250<sup>th</sup> soon, they will start working at 650<sup>th</sup> and CTH K.
- EJM pipe jacking will be on site Monday to jack the pipe west of CTH K.
- HCC is ready for the review at 390<sup>th</sup>. The meeting is tentatively scheduled for Thursday May 3<sup>rd</sup> at 1 PM.
- HCC will submit a revised schedule next week.
- Ditches for the temp road do not all drain. Sections will be reviewed and revisions sent to HCC by next week.
- HCC submitted an amendment covering erosion control at the temp access points.
- Lane closures will be pulled down and reset daily starting next Tuesday.
- Next week the WB and EB 10' shoulders will be milled out and paved per plan. 6 inches to be milled, and 4 inches to be put back. Shoulder closure set up until upper 2" can be paved. Starting in day next Monday, then paving Tuesday, Wednesday, and Thursday nights.
- After further review, there will be enough room to set barrier wall on existing shoulders on the entire project. WB shoulders were also paved at 4'. The typicals in the plan were wrong.
- Pier conflicts were reviewed at the slab span bridges. There will be 2 options. #1. Build the bridge ½ at a time. That would allow room for 2 lanes during excavation with a proper safety slope. #2, Set the barrier wall on both sides and make a one way stop condition during excavation and piling. HCC and Lunda will get back to BRD on how they will build the structures.
- With pier conflicts at the slab spans, the existing pier 1 is in conflict with the proposed pier 1. Part of the existing piers will need to be removed to construct the new piers.
- CCSI will be done setting walls and crash cushions by Thursday. They will still have a lot of work on patching wall, pinning, etc. next week. All wall being pinned that has steeper than 3:1 within 4' of the wall.
- Smith Restorations was reminded no clearing June and July in the right of way fence areas. They have a lot of clearing left to do.

## May 1, 2018 weekly meeting minutes

- HCC submitted an ECIP amendment for the Cropp site at 250<sup>th</sup>. DNR review will take place on Thursday afternoon. An access plan amendment to go through the right of way fence will be required. Jason will submit final request after the meeting on Thursday.
- HCC would still prefer to negotiate use of the 250<sup>th</sup> ROW borrow site. Stacie will be contacting Shawn Hoffman to go over requirements for use of the site.
- Revised temp road cross section revisions will be done by the end of the week for incorporation into the new model. Jason Ivers indicated if it ends up being a lot of work to change the model, HCC will be requesting payment for time spent to change the model from plan.
- To avoid project delays in excess of 2 weeks, we will need to go with barrier wall on both sides of the road and one way stop condition at all 3 slab span structures. There is not enough time to construct one side at a time.
- HCC told that temp access between structures can be wider than 18' as long as slopes are not too steep.
- HCC wants to be paid EBS for topsoil between 1:1's that would not be used to cover ditches for stage 2. Stacie is going to follow up to determine how this is handled region wide. HCC wants to agree on this prior to moving forward with grading. Answer needed by end of week or 1<sup>st</sup> thing next week.
- HCC and project staff will go through and spot check the existing median to determine if the plan grades are acceptable for use as original ground. If there are deviations, the median will need to be cross sectioned.
- HCC reminded to bench into existing slopes for fills and to use 8" lifts.
- We will move forward with using blue book rates and agreed upon labor rates to come up with cost for extra work.
- HCC can remove guardrail on the north side of 390<sup>th</sup> after the speed limit has been reduced to 35 mph. End of wall may remain exposed including the wall between the structures. OK'd by Chad Hines.
- Jason Ivers had a copy of the preliminary temp bridge plan at 390<sup>th</sup>. It looks like the temp bridge will box out for the existing pipe. Therefore, we should only have to extend the existing pipe instead of add new pipe/manholes to maintain drainage. BRD will review prior to final approval.
- All WB wall will be set 2' to face of wall with wall sitting on HMA shoulder. To be left w/ 2' o/s through the structures with wall pinned to the structures.
- The alignment shift to go from 50' to 60' median is between 733+00 and 814+00.
- All 3 local roads for the slab span structures will need to have a one way stop condition set up with barrier on both sides of the road to be able to excavate for, and construct the new piers.
- Lunda will need to have locators on site when working next to the fiber optic cable at 650<sup>th</sup>. May be close for both the temp bridge and to prevent issues with partial removal of existing pier 1 footings and construction of the new pier 1 footings.
- Lunda will mob in the week of May 14<sup>th</sup>. HCC will let them know what temp structure to start on. Start of temp structure work likely not to start until May 21<sup>st</sup>.
- On the east end of EB, there is a section of beam guard that is only 8' from the white edgeline. 10' is needed for stage 6. HCC indicated that we can shift traffic over at that location, which will leave 2' behind the barrier wall, which is adequate room to remove the temp road.
- On the east end of EB, we will mill full depth for the 1<sup>st</sup> 10' at the Wilson Creek Bridge and only 2' for the remainder out to the existing beam guard.
- Monarch pushed milling back to 2 AM tonight due to rain.
- Stacie will get right of way plat for BRD. Offset to right of way fence will be verified.
- EJM pipe jacking is still scheduled to show up this week. No equipment in the median on Friday.



## Attachment F – Submission of Claim

# HOFFMAN CONSTRUCTION CO.



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www.hoffmanconstructionco.com

January 17<sup>th</sup>, 2019

Brian Daniels  
Quest Civil Engineering, LLC  
320 West Grand Avenue  
Wisconsin Rapids, WI 54495

**Re: SP 1022-08-72 IH94 Menomonie  
Submission of Claim 105.13.3**

Mr. Daniels,

Hoffman Construction Company is sending this in accordance with our letter sent July 9<sup>th</sup> regarding the notice of claim for the temporary shoring. We would like to submit a claim as per section 105.13.3 and 105.13.4. We disagree with the Department's decision on the matter.

This claim is for compensation of temporary shoring that was needed to safely excavate for the new structures. To protect the traveling public Hoffman Construction installed trench boxes in six locations that were engineered to hold the load of the excavation for the new piers. We wish to be compensated for the rental amount of the trench boxes, installation, and removal of the boxes. This information is attached.

Per section 206.3.7 (2), the description of excavation for structures contains the following:

- a. Slope the sides of the excavation as required by soil conditions to stabilize the sides for safe working conditions.
- b. If the plans require, shore the excavation instead of sloping the sides

Some supporting documents attached are as follows:

1. At bid time, the DOT clearly told contractors that shoring was not anticipated, contractors were instructed to not include shoring cost in the bid, and that shoring (if required) would be handled via a change order.
2. The department has consistently paid for temporary shoring required for excavations. This project requires temporary structures which are not common on other projects, however the presence of a temporary structure does not allow the department to claim that the shoring is part of the temporary structure in an effort to make it incidental.
3. At the precon, the contractors and DOT discussed the need for temporary shoring due to the existing sideroads and the DOT indicated they would layout the pier excavations to determine the shoring needed to safely excavate and protect traffic.

The excavation of the piers for the bridges was a concern during bid time due to the close proximity of the temporary structures and having to keep side roads open to traffic during construction. Both of these conditions dictated the need for shoring to safely excavate the pier and maintain the roadway for traffic. The question was asked pre-bid and the statement given back to the contractor said if the shoring was deemed necessary it would be handled via a contract mod. We have the cost of materials and labor, which was submitted to the DOT. The DOT kept



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track of the time and has agreed to the time that was spent working on the shoring. It was deemed necessary to install the temporary shoring due to concerns with the safety of the traveling public during pier excavation. Temporary shoring was necessary to construct the new structures while keeping the public safe and therefore should be paid for under the force account spec 109.4.5.

Attached is a complete breakdown of the cost to complete the work. Daily labor for installation and removal, along with the cost to rent the trench boxes.

Please forward to the region for review. If you have any questions, I can be reached at 715-896-2035.

The undersigned is duly authorized to certify this claim on behalf of Hoffman Construction Company.

Hoffman Construction Company certifies that this claim is in good faith, that the supporting data are accurate and complete to the best of Hoffman Construction Companies knowledge and belief, and that the amount requested accurately reflects the contract adjustment for which Hoffman Construction Company believes that the department is liable.

Hoffman Construction Company

By: Brian S. Aebly VP

Brian S. Aebly

Date of Execution: 11/21/19

Attachment A: Notice of Claim dated July 9<sup>th</sup>, 2018

Attachment B: Change Order Payment Request dated January 2<sup>nd</sup>, 2019

Attachment C: Bid Express Question & Answer dated November 8<sup>th</sup>, 2017

Attachment D: Pre-Con Meeting Minutes dated February 8<sup>th</sup>, 2018

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July 9, 2018

Brian Daniels  
Quest Civil Engineers, LLC  
320 West Grand Avenue  
Wisconsin Rapids, WI 54495

**RE: SP 1022-08-72 IH94 Menomonie  
104.3.6 Temporary Shoring Response  
Notice of Claim 105.13.2**

Brian:

In response to your email dated June 29<sup>th</sup>, Hoffman is forwarding the attached notice of claim as per section 105.13.2 (Notice of Claim). We disagree with the Department's decision on this matter for the following reasons:

1. Temporary shoring is not incidental to excavation for structures.
2. At bid time, the DOT clearly told contractors that shoring was not anticipated, contractors were instructed to not include shoring cost in the bid, and that shoring (if required) would be handled via change order.
3. The department has consistently paid for temporary shoring required for excavations. This project requires temporary structures which are not common on other projects, however the presence of a temporary structure does not allow the department to claim that the shoring is part of the temporary structure in an effort to make it incidental.
4. At the precon, the contractors and DOT discussed the need for temporary shoring due to the existing sideroads and the DOT indicated they would layout the pier excavations to determine the shoring needed to safely excavate and protect traffic.

Per section 206.3.7 (2), the description of excavation for structures contains the following:

- a. Slope the sides of the excavation as required by soil conditions to stabilize the sides for safe working conditions.
- b. If the plans require, shore the excavation instead of sloping the sides.

Based on that information and the response to the pre-bid questions, it is clear that the shoring is not incidental to the excavation for structures and that the plans would show shoring if required, therefore meaning the Department is expecting to pay for shoring required. Currently, the temporary structure is fully supported. Once the excavation for



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structures begins, the need for temporary shoring is present to protect the excavation, existing interstate structure, and sideroad. If the excavation never begins, the temporary shoring is not required, which clearly shows that the temporary shoring is an item required to perform the item of Excavation for Structures.

We are requesting under 105.13.2 (3) that the Department begin tracking force account costs for any costs related to the temporary shoring required. This work is expected to begin late July based on the current project schedule.

Please forward this information to the region for review. If you have any questions, I can be reached at (715) 896-2035. Thank you.

Sincerely,

A handwritten signature in black ink, appearing to read "Brian S. Aebly".

Brian S. Aebly  
Hoffman Construction Co.

Attachment A: Email response dated June 29  
Attachment B: Pre-bid question clarification

# HOFFMAN CONSTRUCTION CO.



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## **Attachment A**

**DOT response dated June 29, 2018**



## Brian Aebly

---

**From:** Brian Danielsen <brian.danielsen@questllc.biz>  
**Sent:** Friday, June 29, 2018 4:10 PM  
**To:** Jason Ivers  
**Cc:** Shawn LaFaunge; JSimonson@Lundaconstruction.com; Brian Aebly; Shawn Hoffman; 'Lambele, Stacie - DOT'; nicole.passuello@dot.wi.gov; David.Pilon@dot.wi.gov  
**Subject:** 1022-08-72, IH 94 Menomonie, 104.3.6 Temporary Shoring Response

Jason

The Department has reviewed the request made by Hoffman Construction along with Lunda Construction requesting payment for temporary shoring and requesting each side road to be closed down for an additional 30 days while temporary shoring is in use. The Department has reviewed the request and will be rejecting your request. As stated on my e-mail response to Josh Simonson w/ Lunda Construction on 6-8-18, the plans and specials state that the temporary shoring is incidental to the temporary structure, and temporary shoring is incidental to excavation for structures, and the Departments stance on the issue has not changed. The Department will allow one lane stop condition protected by barrier wall for excavation and construction of the new structures.

Consider this e-mail the Engineer 5-day Written Response according to 104.3.6.

Thank You

Brian Danielsen, P.E.



Brian Danielsen, PE  
Senior Vice President, Construction | Senior Project Engineer  
office: 715.736.0271 | mobile: 715.323.0313  
[brian.danielsen@questllc.biz](mailto:brian.danielsen@questllc.biz) | [www.questllc.biz](http://www.questllc.biz)

**From:** Jason Ivers <jivers@hoffcons.com>  
**Sent:** Tuesday, June 26, 2018 8:31 AM  
**To:** Brian Danielsen <brian.danielsen@questllc.biz>  
**Cc:** Shawn LaFaunge <slafaunge@hoffcons.com>; JSimonson@Lundaconstruction.com; Brian Aebly <baebly@hoffcons.com>; Shawn Hoffman <shoffman@hoffcons.com>  
**Subject:** Temporary Shoring Menomonie SP 1022-08-72

Brian,

Hoffman is requesting a Change Order for Temporary Shoring on the Menomonie project. Please see the attached documents.

Thanks,

Jason Ivers  
Hoffman Construction Company  
715-533-2331

# HOFFMAN CONSTRUCTION CO.



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## **Attachment B**

### **Change order request**

**Includes pre-bid question and answer**





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Phone (715) 284-2512 Fax (715) 284-9698  
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June 22<sup>nd</sup>, 2018

Brian Danielsen  
Quest Civil Engineering, LLC

**Re: WISDOT Project 1022-08-72 250<sup>TH</sup> ST. - Wilson Creek, Dunn County – Change Order Request for Temporary Shoring**

Mr. Danielsen,

Hoffman Construction Company along with Lunda Construction are requesting a change order to be added to the contract for temporary shoring. We disagree with the department's decision to reject payment for the temporary shoring at each of the pier locations. This issue was brought up prior to bidding through Q & A on bid x. It has been discussed with the DOT a couple times in meetings and discussion throughout the project. We have revised the original submitted amount of shoring necessary to protect the area to the minimum after further calculations and with certain other aspects allowing more room.

The amount of temporary shoring has been looked at by engineers and revised to the minimum length. It has been determined that we need to have 2 runs of a minimum of 21' of shoring front and back of the trench out from the temporary structure at all 12 pier locations, along with the end tying the two sections together. See attached drawings showing the area of shoring for the different structures.

The item of temporary shoring is not part of the bid and it was going to be a change order according the answer we received on the Q & A during the time the contractor had to bid the project. See Question and response:

- Follow-up to question 8 - Temporary Shoring

\*Historically on past DOT projects, The DOT has provided the item(s) for Temporary Shoring if the shoring is required to protect the existing roadway/motorists. With the significant cuts required for the removal of the existing piers, installation of the new piers and to retain the existing slopes, it would seem appropriate to provide temporary shoring bid items at structures B-17-217, 218, 219, 220, 221 and 222. Projects similar in nature either had the bid item in the original bid or eventually added the item via contract modification on projects SP 1023-02-74 and SP 1023-02-83. (Both projects located on IH-94 with similar excavation requirements requiring Temporary Shoring to protect both the traveling public and the existing slopes) . Can the items for Temporary be added via addendum?

Asked at 11/03/2017 03:27:01 PM



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\*Up to this point, use of temporary shoring for existing substructure removal and construction of new substructure units is not considered to be a necessity. To specify the temporary shoring now in an addenda would preclude other possible means of construction, and would not allow for proper consideration/evaluation of specific locations, quantities, traffic characteristics, staging, and utility impacts. If the temporary shoring is determined in the field to be necessary, it will have to be addressed through contract modification.

The amount of shoring necessary would be 5,800 SF roughly, with a price of \$46.20 per/SF. The total for all the shoring at the 12 locations would be \$267,960.00 roughly based on the best estimate of SF area. This price is to do the minimum of shoring engineering will allow. Along with the lesser amount of shoring that is now proposed we would like to have an additional 30 days of closure for each structure to complete the pier work; shoring, excavation, piling, footing, stem, backfill, and removal of shoring.

Please let us know how to proceed.

Sincerely,

Jason Ivers  
Project Manager  
Hoffman Construction Company



[Login](#)**Wisconsin Department of Transportation**

List of Lettings &gt; November 14, 2017 &gt; 20171114022 &gt;

Q &amp; A &gt; Question Asked

[Terms of Use](#)**Question asked regarding 20171114022**

Letting ID: 20171114

Call Order: 022

Number: 10

**Follow-up to question 8 - Temporary Shoring**

Historically on past DOT projects, The DOT has provided the item(s) for Temporary Shoring if the shoring is required to protect the existing roadway/motorists. With the significant cuts required for the removal of the existing piers, installation of the new piers and to retain the existing slopes, it would seem appropriate to provide temporary shoring bid items at structures B-17-217, 218, 219, 220, 221 and 222. Projects similar in nature either had the bid item in the original bid or eventually added the item via contract modification on projects SP 1023-02-74 and SP 1023-02-83. (Both projects located on IH-94 with similar excavation requirements requiring Temporary Shoring to protect both the traveling public and the existing slopes). Can the items for Temporary be added via addendum?

Asked at 11/03/2017 03:27:01 PM

Up to this point, use of temporary shoring for existing substructure removal and construction of new substructure units is not considered to be a necessity. To specify the temporary shoring now in an addenda would preclude other possible means of construction, and would not allow for proper consideration/evaluation of specific locations, quantities, traffic characteristics, staging, and utility impacts. If the temporary shoring is determined in the field to be necessary, it will have to be addressed through contract modification.

Answered at 11/08/2017 04:30:07 PM

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## NORTHWEST REGION-PRE-CON AGENDA / MINUTES

PROJECT ID: 1022-08-72		FEDERAL ID: WISC 2017 518		CONTRACT ID: 20171114022	
COUNTY: DUNN		HIGHWAY: IH 94 EB and WB			
NAME OF ROAD: Hudson - Menomonie, 250 Street - Wilson Creek					
TYPE OF WORK: Grading, base aggregate, concrete pavement, HMA pavement, new structures B-17-(217/218, 219/220, 221/222, 223/224), pavement marking, signing, right of way fence, median cable barrier, beam guard, traffic control and incidentals.					
PROJECT ENGINEER: Brian Danielsen Quest Civil Engineers		PROJECT MANAGER: Stacie Lambele WisDOT		PROJECT SUPERVISOR: Tara Weiss WisDOT	
CONTRACTOR: Hoffman Construction Company			LETTING DATE: November 14 <sup>th</sup> , 2017		
EXECUTION DATE: December 11, 2017		CONTRACT AMOUNT: \$ 30,341,589.52		CONTRACT TIME: November 15 <sup>th</sup> , 2019 Completion	
PRE-CON DATE: February 8 <sup>th</sup> , 2018		PRE-CON TIME: 1:00 PM		CONFERENCE HELD AT: WisDOT NW Region Eau Claire, Chippewa Valley Room	

<b>Prosecution and Progress:</b>
----------------------------------

<b>Proposed Starting Date:</b>	March 26 <sup>th</sup> , 2018 or April 2 <sup>nd</sup> 2018 DEPENDING ON WEATHER. (Clearing Operations to Start Approx. March 19 <sup>th</sup> , 2018)	<b>Anticipated Completion Date:</b>	November 15 <sup>th</sup> , 2019
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<b>Proposed Schedule:</b>	DISCUSSED SCHEDULE PER PLAN AND PER CRI. AFTER THE PRE-CON, THE CRI PROPOSAL WAS REJECTED DUE TO NOT ENOUGH SAVINGS AND TOO MUCH RISK ASSOCIATED WITH CRI PROPOSAL.
<b>Anticipated hours of work:</b>	PROJECT TO BE CONSTRUCTED PER PLAN STAGING, WHICH IS LISTED IN THE COMMENTS SECTION OF TRAFFIC CONTROL. SCHEDULE PROVIDED AT THE PRE-CON IS REASONABLY CLOSE TO HOW THE PROJECT WILL BE CONSTRUCTED. 5 DAYS PER WEEK, 10 HOURS PER DAY.
<b>Special contract schedule requirements:</b>	Standard Holiday work restrictions Peak hour lane closure restrictions Winter shutdown November 15, 2018 to April 2019
<b>Proposed start work notice date:</b>	CONDITIONAL START NOTICE TO BE SENT FOR CLEARING OPERATIONS. SHOULD BE SENT BY APPROX MARCH 16,2018. FINAL START NOTICE TO BE SUBMITTED APPROX MARCH 23, 2018 AS LONG AS HOFFMAN CONSTRUCTION SUBMITS ALL REMAINING DOCUMENTS WHICH ARE REQUIRED TO SUBMIT THE START NOTICE.
<b>Weekly coordination meeting time:</b>	TUESDAYS AT 1:00 PM.

Project Personnel:
--------------------

<b>Contractor's Superintendent:</b>	Jason Ivers
<b>Office Phone Number:</b>	715-284-2512
<b>Mobile Phone Number:</b>	715-533-2331
<b>Fax Number:</b>	715-284-9698
<b>Email:</b>	jivers@hoffcons.com
<b>Contractor's Foreman:</b>	Shawn LaFaunge
<b>Office Phone Number:</b>	715-284-2515
<b>Mobile Phone Number:</b>	715-896-1508



<b>Fax Number:</b>	715-284-9698
<b>Email:</b>	slafaunge@hoffcons.com
<b>WisDOT Area Supervisor:</b>	Tara Weiss
<b>Office Phone Number:</b>	715-836-2283
<b>Mobile Phone Number:</b>	715-828-9620
<b>Fax Number:</b>	
<b>Email:</b>	Tara.weiss@dot.wi.gov
<b>WisDOT Project Manager:</b>	Stacie Lambele
<b>Office Phone Number:</b>	
<b>Mobile Phone Number:</b>	715-577-2967
<b>Fax Number:</b>	
<b>Email:</b>	Stacie.lambele@dot.wi.gov

<b>WisDOT Materials:</b>	Howard Marg, DOT IA	Brian Danielsen, WDMP
<b>Office Phone Number:</b>	715-836-2874	715-736-0271
<b>Mobile Phone Number:</b>	715-225-2565	715-323-0313
<b>Fax Number:</b>		
<b>E-Mail: Address:</b>	Howard.marg@dot.wi.gov	brian.danielsen@questllc.biz
<b>Construction Materials:</b>	Justin Ellingson, Hoffman	
<b>Office Phone Number:</b>	715-284-2512	
<b>Mobile Phone Number:</b>		
<b>Fax Number:</b>	715-284-9698	
<b>E-mail Address:</b>	jellingson@hoffcons.com	
<b>WisDOT Project Leader:</b>	Brian Danielsen	
<b>Office Phone Number:</b>	715-736-0271	
<b>Mobile Phone Number:</b>	715-323-0313	
<b>Fax Number:</b>		
<b>E-mail Address:</b>	Brian.danielsen@questllc.biz	

<b>Sub-Contractors:</b>	
Sublet requests are required for ALL TIERS of subcontractors per 108.1 of the Standard Specifications for Highway & Structure Construction. Truck owner / operators are the only exception.	
<b>Request to Sublet Submitted?</b> <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	<b>Date Approved:</b> NOT APPROVED AS OF 2-19-18
<b>Proposed Sub-Contractor</b>	<b>Type of Work</b>
1. Antigo Construction	
2. Braun Intertec Corporation	
3. Central Concrete Cutting	
4. Century Fence Company	
5. Diamond Surfaces Inc	
6. Interstate Tree Landscaping Co.	
7. Lunda Construction Co.	
8. Mega Rentals, Inc	
9. Mid-State Reclamation, Inc.	
10. Monarch Paving Company	
11. Real Land Surveying, LLC	
12. Trierweiler Construction	
13. Heider & Bott Company	
14. Highway Construction Products, LLC	
15.	
<b>Comments:</b> No contractor submitted for landscaping, beam guard, and barrier wall. NOT SUBMITTED YET, BUT LIKELY TO BE ADDED ARE CHIPPEWA CONCRETE SERVICES, SMITH RESTORATION, AND KRAEMER.	

<b>Field Office:</b>
The field office must be fully operational before the project starts.

<b>The field office will be located at:</b>	West side of Rassbach's Furniture on USH 12 west of Menomonie. E3612 US Highway 12 Menomonie, WI 54751
<b>Driving Directions:</b>	From the intersection of STH 25 and USH 12, head west on USH 12 approx 3.25 miles. The field office will be on the south side of the road adjacent to the Rassbach's Furniture building.
<b>Field Office Phone Number:</b>	715-896-2175
<b>Field Office Fax Number:</b>	N/A
<b>Field Office Computer Number:</b>	
<b>Date Field Office will be ready for use:</b>	Approximately March 1 <sup>st</sup> , 2018
<b>Field Lab:</b>	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
<b>Comments:</b>	

<b>Right-Of-Way:</b>	
Was R/W purchased?	No
R/W commitments?	None
Access problems:	Multiple access points through right of way fence are being proposed. Locations may not be used until approval granted by the engineer.
The contractor is not responsible for mailboxes, fire numbers or local street signing. The owner is responsible for removal & replacement of mailboxes & fire numbers. Local municipalities are responsible for the local street signs.	
<ul style="list-style-type: none"> <li>- If mailboxes, fire numbers or street signs are not removed before work necessitates their removal, the Contractor must remove them.</li> </ul>	
<ul style="list-style-type: none"> <li>• Fire numbers must be placed in a temporary location where they can be located in case of an emergency.</li> </ul>	
<ul style="list-style-type: none"> <li>• Safely store mailboxes at the edge of the right-of-way.</li> </ul>	
<ul style="list-style-type: none"> <li>• Safely store street signs outside the work area..</li> </ul>	
The Project Leader will log the R/W posts / pins before & after construction. The contractor is responsible for replacing any that are found missing after construction.	
<ul style="list-style-type: none"> <li>- The Project Leader will provide the R/W documentation to the contractor at least two weeks prior to work start.</li> </ul>	
<ul style="list-style-type: none"> <li>- Contractor to verify with Project Leader prior to work start.</li> </ul>	
<b>Comments:</b>	

<b>Survey &amp; Landmarks:</b>	
It is the contractor's responsibility to protect all landmarks & property pins.	
Other surveying items:	
<ul style="list-style-type: none"> <li>- Perpetuation of section corners.</li> </ul>	
<ul style="list-style-type: none"> <li>- Perpetuation of property monuments.</li> </ul>	
<ul style="list-style-type: none"> <li>- Right-of-way staking.</li> </ul>	
<ul style="list-style-type: none"> <li>- Control monuments (USGS, NGS, HARM, Height Modernization &amp; County Densification).</li> </ul>	
<b>Comments:</b>	

<b>Utilities:</b>	
1.	<b>AT&amp;T Legacy (COMLN)</b> - Underground fiber optic cable running length of the project approx. 10' north of the south right of way fence. No conflicts anticipated.
2.	<b>AT&amp;T Wisconsin (COMLN)</b> – Multiple conflicts noted in the special provisions. *CTH K – Underground copper cable crossing K at IH 94. The cable will be in conflict with storm sewer from 9+30 – 10+20 RT. <i>Coordinate cable adjustment during storm sewer install.</i> HCC TO CONTACT RICK PODOLAK 1 WEEK PRIOR TO WORKING IN AREA. AT&T CREW WILL BE ABLE TO WORK WITH HCC FOR REQUIRED UTILITY WORK. *Underground fiber on north ROW from approx. 753+00 – 818+00 WB. No conflicts anticipated.



\*650<sup>th</sup> Ave – Existing fiber optic on west side of 650<sup>th</sup> from STA 5+00 – 14+00. Cable should be relocated to west shoulder approx. 10-12' left of the 650<sup>th</sup> R/L and placed up to the old pier footings. Do not disturb footings during pier removals. RICK PODOLAK VERIFIED UTILITIES ARE CLEAR FROM THIS LOCATION.

\*650<sup>th</sup> Ave – Existing copper cable on east side of 650<sup>th</sup> from STA 5+00 – 12+00. Cable will be in conflict with proposed storm sewer. Cable will be in directional bored in same location as fiber optic in the west shoulder. Do not disturb existing footings during removals. RICK PODOLAK VERIFIED UTILITIES ARE CLEAR FROM THIS LOCATION.

\*390<sup>th</sup> – Existing copper cable on west side of 390<sup>th</sup> at approx. STA 888+75 EB. No conflicts anticipated. RICK PODOLAK VERIFIED UTILITIES ARE CLEAR FROM THIS LOCATION.

3. **Centurylink Communication (COMLN)** – Underground fiber optic cable that runs the length of the project on the south right of way. No conflicts anticipated.
4. **Dunn Energy Coop (ELCTY)** – Conflicts expected.  
 \*Underground crossing at approx. 880+00 EB. No conflicts anticipated.  
 \*Overhead crossing of IH 94 at STA 816+75 (650<sup>th</sup>). The crossing should be removed by the time the project starts.
5. **Level 3 Communication (COMLN)** – Underground fiber optic cable running the length of the project the south right of way fence. No conflicts anticipated.
6. **Xcel Energy (ELCTT)** – Has a crossing of IH 94 at approx. STA 897+50 EB. No conflicts anticipated.
7. **Xcel Energy (ELCTY)** – Conflicts expected.  
 \*Overhead distribution line crossing IH 94 at CTH K. The line will be in conflict with structure work. Coordination will be required with Xcel to de-energize the line during construction. Contact Mike Johnsen 715-232-7415 and provide 10 day notice.

**Comments:** This contract comes under the provision of Administrative Rule Trans 220.

**NOTE:** Utility representatives may leave at this point.

#### Labor Compliance:

See handouts.

**Comments:** Laurie Dolsen will go over handouts at this time.

- Lots of trans grad/apprentice hours. Contractors should use them when possible.
- Hoffman needs to notify DOT if holding back payment to subcontractors.
- FHWA 1273 must go out to all subs.
- Laurie Dolsen needs a copy of the source of materials.
- DBE commitment is currently very low. Laurie needs to be notified of any changes to DBE contractors on the contract. DBE requirement is 7% and HCC is currently at 2.5%.
- The wage board will need to be placed at the CTH K Borrow/Plant site to be closer to the project. The field office is too far.

#### Traffic Control:

Traffic control devices must be properly maintained 24 hours a day. A person who will be on call to perform these duties during off hours, weekends & holidays shall be designated at the time the initial traffic control devices are installed. The person's name & telephone number will be furnished by the prime contractor to the Project Leader, local law enforcement agencies & the County Highway Department.

The prime contractor is responsible for assuring the maintenance is done.

The prime contractor has given maintenance responsibility to:

**Contact Person:** Tom Schultz, Mega Rentals

**Location:** 1703 Western Avenue, Eau Claire, WI

#### Regular Work Hours

#### Off Hours

**Office Phone Number:** 715-835-4040

715-835-4040

**Cell Phone Number:** 715-828-2894

715-835-4040

**Pager Phone Number:**

Emergency contact for temporary signals: N/A

Detour, alternative route, lane closure information:

AT THE START OF THE PROJECT, ALT 94 WILL BE POSTED USING STH 128, USH 12, AND STH 25. ONCE THE RED CEDAR RIVER BRIDGE PROJECT STARTS MID-LATE APRIL, THE ALTERNATE ROUTE WILL CHANGE TO STH 128, STH 29, and STH 25.

Any signs removed by the contractor must be properly stored & protected from damage. Any traffic control signs removed by the contractor must be immediately replaced when work requiring their removal is complete.	
Stop signs shall be functional at all times. Stop signs shall only be down when a flagman is present to control traffic. Temporary stop signs shall be mounted on a post or barricade – signs not allowed in barrels.	
Before any roads are closed it is the responsibility of the prime contractor to contact:	
<ul style="list-style-type: none"> <li>- Local law enforcement agencies, local fire department, postal service, ambulance service &amp; school bus service.</li> <li>- Contractor to provide documentation to Project Leader of contacts made prior to road closures.</li> </ul>	
The Project Leader is responsible for entering traffic closure / restriction / detour information into the WisLCS (Lance Closure System). Contractor is required to notify the project leader a minimum of 1 weeks prior to traffic impacts. <b>NO ENTRIES HAVE BEEN MADE YET.</b>	
Turning signs away from roadway (parallel with road) not allowed as they are not crashworthy.	
<b>Comments:</b>	<p>-Kirk Danielson will be the State Patrol Contact for the project. 608-377-3411</p> <p>-Are there any additional State Patrol Contacts for the project to use?</p> <p>-WisDOT NW Region State Patrol Dispatch Phone Number: 715-839-3803</p> <p>-Single lane closures allowed on IH 94 during off peak times only. Table included with SPV 4. Lane rental fees per SPV 5 will be applied if closures remain up during peak hours. (\$4,000/lane/hour for IH 94, \$400/hour for 390<sup>th</sup> St)</p> <p>-Project to be constructed in 6 stages.</p> <p><b>Stage 1:</b> Construct EB temp median widening for crossovers, and WB outside temp widening/structure at 390<sup>th</sup>.</p> <p><b>Stage 2:</b> Mill and overlay outside shoulders in both directions, shift traffic, construct remaining temp structures, construct temp roadway.</p> <p><b>Stage 3:</b> Construct new EB 94 lanes and all 4 EB structures.</p> <p><b>Winter Shutdown:</b> November 16<sup>th</sup> – April 2019.</p> <p><b>Stage 4:</b> Remove EB temp widening and construct WB temp widening.</p> <p><b>Stage 5:</b> Construct new WB 94 lanes and all 4 WB structures.</p> <p><b>Stage 6:</b> Remove temp structures/roadway, complete beam guard/cable guard, complete all project work.</p> <p>-Night time closures will be allowed 9:00 PM through 6:00 AM for structure work on 390<sup>th</sup>, 250<sup>th</sup>, CTH K, and 650<sup>th</sup>. Two adjacent structures can't be closed on the same night.</p> <p>-250<sup>th</sup>, CTH K, and 650<sup>th</sup> can be closed 30 days in each calendar year for structure work. Two adjacent structures can't be closed at the same time.</p> <p>-Maintain 14' clearance under any falsework or temporary structure for each crossroad open to traffic.</p> <p>-All temp barrier wall delivered to the project needs to be in marginal or acceptable condition. All crash cushions need to be installed per MFG recommendations with a base built per SPV 25.</p> <p>-Maintenance crossovers are not to be used unless both median lanes are closed to traffic.</p> <p>-Do not park or store equipment within 30' of live traffic or within 100' of a cushion/EAT.</p> <p>-Addenda 1 added details for temporary construction access to the median.</p> <p>-Place message boards on both ends of the project and on both sides of STH 25 1 week prior to the 1<sup>st</sup> lane closure. Utilize the existing DMS on both ends of the project. DMS and PCMs are for incident management and will be controlled by the WSP.</p> <p>-Speed limit to be reduced to 60 mph during single lane closures and when traffic is running on the temporary roadway.</p> <p>-4 lanes of traffic need to be open for Holiday weekends of Memorial Day, July 4<sup>th</sup>, and Labor Day.</p>

#### Haul Roads:

Road load limits:	May be posted in spring.
Hauling access problems:	Driveway permit may be needed for access to 390 <sup>th</sup> Street.
Subsection 107.2 of the Standard Specifications:	
<ul style="list-style-type: none"> <li>- Notify the engineering in writing at least 3 business days before hauling materials over a public road or street not a part of the state highway system.</li> </ul>	



- Haul roads must be logged with the Project Leader before & after their use. The County Highway Commissioner or Town Chairman are encouraged to accompany when the roads are logged. ALL ROADS TO BE LOGGED PRIOR TO USE.

#### Anticipated Haul Roads

#### Owner

- |  |                    |
|--|--------------------|
| 1) 390th, 650th, 250 <sup>th</sup> , 280 <sup>th</sup> , 370 <sup>th</sup> , | Town of Menomonie. |
| 2) CTH K   | Dunn County        |
| 3) 250th, 238 <sup>th</sup> , 640 <sup>th</sup>                              | Town of Lucas      |
| 4) CTH N   | St Croix County    |

**Comments:** -Hauling Plan submitted on 2/7/18. INITIAL SUBMITTAL SHOWS GENERAL ROUTES USED. INFO ON PROPOSED TRAFFIC CONTROL, LIST OF PROPOSED ACCESS POINTS THROUGH THE R/W FENCE WITH PROPOSED DURATION, ETC. WILL NEED TO BE SUBMITTED PRIOR TO APPROVAL.  
-Hoffman to verify list of haul roads and priority of logging for roads to be used first.

#### Erosion Control:

Contractor's contact responsible for installation & maintenance of erosion control measures:

Contractor: Tom Smith, Smith Restorations

Office Phone Number: 715-703-0682

Cell Phone Number: 715-703-0682

Fax Number:

Erosion Control Implementation Plan (ECIP:

- The ECIP must be followed throughout construction.
- ECIP amendment is required for any changes to construction operations not originally included in the approved ECIP. Work shall not begin until amendment is approved.
- ECIP approved? ☒ Yes Approval Date: 2-8-18  
☐ No Anticipated Approval Date:

Dewatering:

- Any dewatering activities must be included in the ECIP. No dewatering is anticipated
- Use Wisconsin DNR Technical Standard 1063 as guide: <http://dnr.wi.gov/runoff/stormwater/techstds.htm>
- Project Leader to notify Region Stormwater Engineer when dewatering begins. None anticipated

Special erosion control contract provisions: SPV 8. Environmental Protection , Aquatic Exotic Species Control. – Standard SPV covering cleaning and inspection of equipment.  
  
SPV 9. Immediately re-topsoil graded areas after grading is complete. Seed, fertilize, mulch and e-mat areas within 5 working days after placement of topsoil.

Unresolved erosion control issues:

**Comments:** On site ECIP review completed 2-1-18. Revisions to ECIP submitted 2-5-18. Final approval of ECIP should be completed shortly.

#### Army Corp of Engineers 404 Permit & DNR Commitments:

Is ACOE 404 Permit required? NO

- If yes, has it been acquired?

The contractor is responsible for obtaining 404 permit for impacts to wetlands & waterways not included in the Department's permit.

- Are changes to the 404 permit anticipated?

Prohibited discharges to wetlands & waterways.

- Wisconsin Administrative Code (Trans 401) requires a notification of a prohibited discharge to the DNR within 24 hours of learning of a prohibited discharge. Contractor must notify the Project Leader or Project Manager, who will contact the WisDOT Regional Stormwater & Erosion Control Engineer, Wisconsin DNR liaison & Army Corps of Engineers.

<b>Equipment cleaning protocol:</b>	
-	Required to follow Wisconsin DNR Emergency Rule Order FH-40-07.
-	See: <a href="http://dnr.wi.gov/fish/documents/disinfection_protocols.pdf">http://dnr.wi.gov/fish/documents/disinfection_protocols.pdf</a>
<b>Special DNR environmental commitments:</b>	Northern Long Eared Bat Protection, Migratory Bird Protection, and Oak Wilt cutting restrictions.
<b>Comments:</b>	

<b>Open Burning:</b>	
Illegal burning is not allowed on construction sites (see WisDOT Standard Specification 205.3.12, 107.11.4 & NR 429) Please be advised:	
-	Burning of clean wood, roots, brush or waste logs with a burning permit is permissible.
-	Do not burn in wetlands or floodplains.
-	Absolutely no burning of treated lumber, plywood, plastic, rubber, caulking tubes, oil filters, etc.
<b>Comments:</b>	Does Hoffman intend to burn any cleared trees? NO HCC DOES NOT INTEND TO BURN ANY TREES.

<b>Pits, Quarries &amp; Waste Areas:</b>	
Have the archaeological survey requests been submitted?	YES
Approval date:	1/5/18
If not, anticipated date of submittal:	
All waste & borrow sites must be addressed in ECIP.	
All erosion control measures must be installed prior to opening site. Final restoration must show in the ECIP. Any changes will require an ECIP amendment.	
<b>Comments:</b>	All sites reviewed on 2-1-18 site review. The wetlands need to be delineated at the Trainor site prior to installation of silt fence and stripping topsoil. Needs to be done after snow melts. -Royalty for DOT ROW borrow should be negotiated prior to hauling from the ROW.

<b>Materials:</b>	
The Source of Materials Form submitted to the Region by the Contractor on:	NOT SUBMITTED AS OF 2-19-18
Date received from Contractor:	
If not, anticipated date of submittal:	
All materials requiring Manufacturer's Certification must be on file with the Project Leader before material can be incorporated into the work. Manufacturer's Certifications are required to be kept on file by the contractor & to be made available upon request within 5 business days.	
All materials documentation needs to include proper Project ID.	
Project materials representative:	
WisDOT:	
Name:	Brian Daniels, MCT-D
Phone:	715-323-0313
Contractor:	
Name:	Justin Ellingson (MCT - C)
Phone:	715-284-2512, Ext 108
QMP Requirements:	
- Has Quality Control Plan been submitted for:	
Subgrade?	N/A
Base Aggregate?	Yes
HMA Pavement?	No
Concrete Pavement?	No
Ride?	No



Concrete Structures?	Yes	If not, anticipated date:
Concrete Ancillary?	No	If not, anticipated date:
<ul style="list-style-type: none"> <li>- QV concrete test cylinders must be broken by a qualified lab other than the lab conducting QC tests. (WisDOT Regional Lab typically should be utilized for QV testing.)</li> </ul>		
<ul style="list-style-type: none"> <li>- On QMP items, the Independent Assurance Specialist (IAS) will conduct Independent Assurance (IA) testing on the QC testing as well as the verification testing.</li> </ul>		
<ul style="list-style-type: none"> <li>- The IAS will issue a report of findings. Two copies will be given to the Project Leader for administration &amp; distribution. One of these copies will be forwarded to the contractor for administration &amp; distribution to involved individuals, subcontractors &amp; consultants.</li> </ul>		
<b>Buy America</b>		
<ul style="list-style-type: none"> <li>- All steel &amp; iron materials permanently incorporated in this project shall be domestic products &amp; all manufacturing &amp; coating processes for these materials must have occurred within the U.S.</li> </ul>		
<ul style="list-style-type: none"> <li>- Certifications must indicate that the material meets Buy America requirements.</li> </ul>		
<b>Comments:</b> Materials E-Guide was submitted to Hoffman on 2-1-18 -SPV 17. Select Borrow shall meet granular backfill grade 2. -SPV 19. 14 days prior to any base course placement, provide engineer with documentation on base course suitability. Verify material is not plastic and meets gradation requirements. -Changes to Bolt Testing will be addressed prior to construction. -Brian Danielsen and Howard Marg will meet prior to construction to go over all materials documentation requirements.		

<b>Notify Local Authorities:</b>
Project engineer will contact sheriff, fire, school districts, etc.
<b>Comments:</b> Notification will be made once a start date is determined. Notification will be one week prior to work starting.

<b>Special Provisions &amp; Plans:</b>
List & discuss unique special provisions in the contract:
-SPV 3. NLEB in area. Verify schedule of clearing operations with the ECIP. If any trees are removed outside of the areas shown in the plan, the WisDOT REC needs to be notified. MIGRATORY BIRDS. Complete structure work only between August 30 <sup>th</sup> and May 1 <sup>st</sup> , or utilize measures to prevent nesting. OAK WILT. Avoid cutting oaks from April through September.
-SPV 22. Submit PE stamped plans for temp structures 15 days prior to ordering materials or starting construction.
-SPV 26. Salvaged Rail. All existing beam guard shall be disassembled and banded together and supplied to Dunn County. Contact Brent Miller, Dunn County, at 715-232-2181.
-SPV 27. Removing Signs Type II. All signs are DOT property. Turn in to DOT drop-off center.
-SPV 28. Blue Specific Service Signs. Contact Interstate Logos at 844-496-9163 a minimum of 14 calendar days in advance to coordinate moving.
-SPV 41. Self-Consolidating Girders. Coordinate with BOS when fabricating the self-consolidating girders for B-27-223 to be constructed in 2018.
Review ASP-6.
<b>Comments:</b>

<b>Contract Administration:</b>
Additional Special Provision (ASP) 4 requires prime contractor to pay subcontractors within 10 calendar days of receipt of payment from WisDOT.

For working day contracts: Contractor & Project Leader to review & agree on changed working days each week. <b>N/A</b>	
<b>Completion date project.</b>	
Contract modifications are to be approved before the work is performed, including cost & additional contract time. <b>Make sure justification is submitted with all CCO prices.</b>	
Completion of DQI (who & when):	Filled out by BRD at the completion of the project and sent to Hoffman for review/comments.
Final acceptance of this project will be made by: Dunn County Highway Dept, DOT Maintenance, DOT Project Manager.	
Final quantities shall be confirmed within 30 days of receipt of tentative final estimate as specified in Section 109.7 of the Standard Specifications.	
<b>Comments:</b>	

<b>Action Items Required Before Work Can Begin:</b>
Contractor:
<ul style="list-style-type: none"> <li>- List items that need to be completed by contractor:</li> <li>-Make updates to schedule and resubmit for approval.</li> <li>-Submit the source of materials.</li> <li>-Complete sublet request submittals for all contractors working on the project.</li> <li>-Submit GPS workplan.</li> <li>-Make any corrections if needed to the ECIP prior to approval.</li> </ul>
WisDOT:
<ul style="list-style-type: none"> <li>- Notify Region Communications Manager of construction start date. BRD notified Diana of Pre-con and possible work operations on 1-29-18. Notification of final start date after start date has been determined.</li> <li>- Notify Region Contract Specialist to send start notice. (Will not be sent until Schedule, ECIP, Request to Sublet, and Source of Materials have been approved.)</li> <li>- Submit Lane Closure System (WisLCS) information. To be entered 1 week prior to approved start date.</li> </ul>
<b>Comments:</b>

<b>Contractor's Concerns:</b>
1. HCC submitted a CRI for constructing EB/WB 94 under bi-directional traffic in 2 springs.
2.
3.
4.
5.

<b>General Discussion:</b>
List & discuss unique special provisions in the contract:
1. -Prior to construction, Dunn County requested x-overs to be built wider than the standard 24 LF. Condition of any crossover pipes to be left in place will also be reviewed.
2. -If HCC is planning to track crush base, how will the base be weighed? How will non-conforming material be handled with \$0.05 per ton bid prices? WILL BE REVIEWED PRIOR TO PLACING BASE.
3. -When work does start. No placing base on frozen subgrade and protect the subgrade. With grading operations, make sure there is adequate drainage, weepholes, etc. When trimming for concrete paving, make sure there are drainage notches in the aggregate piles to prevent trapping water.
4.
<b>Comments:</b> Alternate 94 emergency route will start out using USH 12 in Menomonie, but will switch to STH 29 once work on the Red Cedar River bridge project starts in mid-April.



-Dunn County dispatch will be kept informed on the project.

-Lunda brought up the issue of constructing deep piers while keeping side roads to traffic on the 3 slab span structures. Project staff will survey and review each location to determine issue. The Department would consider doing one side at a time and providing a one lane stop condition during pier construction.

**Adjournment Time:**

1:50 PM

**Attendance Roster Attached?**



**Yes**



**No**



# HOFFMAN CONSTRUCTION CO.



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123 CTH A  
Black River Falls, WI 54615  
Phone (715) 284-2512 Fax (715) 284-9698  
www.hoffmanconstructionco.com

January 2<sup>nd</sup>, 2019

Brian Danielsen  
Quest Civil Engineering, LLC

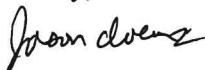
**Re: WISDOT Project 1022-08-72 250<sup>TH</sup> ST. - Wilson Creek, Dunn County – Change Order  
Request for Temporary Shoring Payment**

Mr. Danielsen,

Hoffman Construction Company is requesting a change order to be added to the contract for temporary shoring performed on site. Attached you will find work orders for the man hours performed to put together, install, and take out the shoring systems. These systems were engineered and installed to ensure safety to the traveling public for construction of the new piers at structures 217, 219, and 221. Included are the invoices for the system we used, work order 10 has the cost plus our mark up of renting the systems for the work performed. We are requesting a total of \$74,729.66 for the temporary shoring system used in the year 2018. There will be a similar request, the amount is unknown at this time, for the 2019 construction year.

Please review the attached work orders and let me know if you have any questions. These should be the same hours your crews tracked on site during the construction per prior conversations that were had for your crew to keep track of hours worked on these systems.

Sincerely,



Jason Ivers  
Project Manager  
Hoffman Construction Company

**HOFFMAN CONSTRUCTION COMPANY**  
**123 CTH "A"**  
**Black River Falls, Wisconsin 54615**  
**(715) 284-2512**

**Prepared by:** Jason Ivers **Report No.** 1

**DAILY REPORT OF CHARGES FOR EXTRA WORK**

**Name of Job:** IH 94, 250<sup>th</sup> St – Wilson Creek, Dunn County **Date:** 12/21/2018

**Bill To:** Wisconsin DOT

**Address:** Northwest Region Eau Claire Office

ATTN: Stacie Lambele

Date	Item #	Qty	Description of Pay Item/Extra Work
8/21/2018			Installing Trench Boxes for Pier Excavation

Please check one of the following three boxes:

<input type="checkbox"/>	Sub item performed by Hoffman
<input type="checkbox"/>	Extra work performed by Hoffman
<input type="checkbox"/>	Extra work performed by Sub

**LABOR & EQUIPMENT**

Equip #	Type and Size	Labor or Operator	Hours	Rate	Amount
	Foreman Pickup	Chad Keuter	10.0	\$112.00	\$1,120.00
	345 Cat Hoe	David Freeberg	10.0	\$304.00	\$3,040.00
	Labor	Logan Borek	10.0	\$80.00	\$800.00
	Labor	Daniel Guerrero	10.0	\$80.00	\$800.00
					\$0.00
					\$0.00
					\$0.00
					\$0.00
					\$0.00
					\$0.00

**MATERIALS AND SUPPLIES**

Quantity	Unit	Description and Source	Price	Amount
				\$0.00
				\$0.00
				\$0.00
				\$0.00
				\$0.00
				\$0.00
				\$0.00
				\$0.00
				\$0.00

**Customer:** X **Total Amount =** \$5,760.00

**HOFFMAN CONSTRUCTION COMPANY**  
**123 CTH "A"**  
**Black River Falls, Wisconsin 54615**  
**(715) 284-2512**

Prepared by: Jason Ivers

Report No. 2

**DAILY REPORT OF CHARGES FOR EXTRA WORK**

Name of Job: IH 94, 250<sup>th</sup> St – Wilson Creek, Dunn County

Date: 12/21/2018

Bill To: Wisconsin DOT

Address: Northwest Region Eau Claire Office

ATTN: Stacie Lambele

Date	Item #	Qty	Description of Pay Item/Extra Work
8/23/2018			Installing Trench Boxes for Pier Excavation

Please check one of the following three boxes:

<input type="checkbox"/>	Sub item performed by Hoffman
<input type="checkbox"/>	Extra work performed by Hoffman
<input type="checkbox"/>	Extra work performed by Sub

**LABOR & EQUIPMENT**

Equip #	Type and Size	Labor or Operator	Hours	Rate	Amount
	Foreman Pickup	Chad Keuter	4.0	\$112.00	\$448.00
	349 Cat Hoe	Loren Yadon	4.0	\$304.00	\$1,216.00
	Labor	Logan Borek	4.0	\$80.00	\$320.00
	Labor	Daniel Guerrero	4.0	\$80.00	\$320.00
					\$0.00
					\$0.00
					\$0.00
					\$0.00
					\$0.00
					\$0.00

**MATERIALS AND SUPPLIES**

Quantity	Unit	Description and Source	Price	Amount
				\$0.00
				\$0.00
				\$0.00
				\$0.00
				\$0.00
				\$0.00
				\$0.00
				\$0.00
				\$0.00
				\$0.00

Customer: X \_\_\_\_\_

Total Amount = \$2,304.00



**HOFFMAN CONSTRUCTION COMPANY**  
**123 CTH "A"**  
**Black River Falls, Wisconsin 54615**  
**(715) 284-2512**

**Prepared by:** Jason Ivers **Report No.** 3

**DAILY REPORT OF CHARGES FOR EXTRA WORK**

**Name of Job:** IH 94, 250<sup>th</sup> St – Wilson Creek, Dunn County **Date:** 12/21/2018

**Bill To:** Wisconsin DOT

**Address:** Northwest Region Eau Claire Office

ATTN: Stacie Lambele

Date	Item #	Qty	Description of Pay Item/Extra Work
8/24/2018			Installing Trench Boxes for Pier Excavation

Please check one of the following three boxes:

<input type="checkbox"/>	Sub item performed by Hoffman
<input type="checkbox"/>	Extra work performed by Hoffman
<input type="checkbox"/>	Extra work performed by Sub

**LABOR & EQUIPMENT**

Equip #	Type and Size	Labor or Operator	Hours	Rate	Amount
	Foreman Pickup	Chad Keuter	3.0	\$112.00	\$336.00
	345 Cat Hoe	David Freeberg	3.0	\$304.00	\$912.00
	Labor	Logan Borek	3.0	\$80.00	\$240.00
	Labor	Daniel Guerrero	3.0	\$80.00	\$240.00
					\$0.00
					\$0.00
					\$0.00
					\$0.00
					\$0.00
					\$0.00

**MATERIALS AND SUPPLIES**

Quantity	Unit	Description and Source	Price	Amount
				\$0.00
				\$0.00
				\$0.00
				\$0.00
				\$0.00
				\$0.00
				\$0.00
				\$0.00
				\$0.00
				\$0.00

**Customer:** X **Total Amount =** \$1,728.00

**HOFFMAN CONSTRUCTION COMPANY**  
**123 CTH "A"**  
**Black River Falls, Wisconsin 54615**  
**(715) 284-2512**

**Prepared by:** Jason Ivers **Report No.** 4

**DAILY REPORT OF CHARGES FOR EXTRA WORK**

**Name of Job:** IH 94, 250<sup>th</sup> St – Wilson Creek, Dunn County **Date:** 12/21/2018  
**Bill To:** Wisconsin DOT  
**Address:** Northwest Region Eau Claire Office  
ATTN: Stacie Lambele

Date	Item #	Qty	Description of Pay Item/Extra Work
9/5/2018			Installing Trench Boxes for Pier Excavation

Please check one of the following three boxes:

<input type="checkbox"/>	Sub item performed by Hoffman
<input type="checkbox"/>	Extra work performed by Hoffman
<input type="checkbox"/>	Extra work performed by Sub

**LABOR & EQUIPMENT**

Equip #	Type and Size	Labor or Operator	Hours	Rate	Amount
	Foreman Pickup	Chad Keuter	3.5	\$112.00	\$392.00
	470 JD Hoe	David Freeberg	3.5	\$304.00	\$1,064.00
	Labor	Daniel Guerrero	3.5	\$80.00	\$280.00
					\$0.00
					\$0.00
					\$0.00
					\$0.00
					\$0.00
					\$0.00
					\$0.00

**MATERIALS AND SUPPLIES**

Quantity	Unit	Description and Source	Price	Amount
				\$0.00
				\$0.00
				\$0.00
				\$0.00
				\$0.00
				\$0.00
				\$0.00
				\$0.00
				\$0.00

**Customer:** X **Total Amount =** \$1,736.00

<b>Prepared by:</b>	<u>Jason Ivers</u>	<b>Report No.</b>	<u>5</u>
<b>DAILY REPORT OF CHARGES FOR EXTRA WORK</b>			
Name of Job:	<u>IH 94, 250<sup>th</sup> St – Wilson Creek, Dunn County</u>	Date:	<u>12/21/2018</u>
Bill To:	<u>Wisconsin DOT</u>		
Address:	<u>Northwest Region Eau Claire Office</u>		
	<u>ATTN: Stacie Lambele</u>		

Date	Item #	Qty	Description of Pay Item/Extra Work
9/10/2018			Installing Trench Boxes for Pier Excavation

	Sub item performed by Hoffman
	Extra work performed by Hoffman
	Extra work performed by Sub

Equip #	Type and Size	Labor or Operator	Hours	Rate	Amount
	Foreman Pickup	Chad Keuter	3.5	\$112.00	\$392.00
	470 JD Hoe	David Freeberg	3.5	\$304.00	\$1,064.00
	320 Cat Hoe	Peter Passuello	3.5	\$192.00	\$672.00
	Labor	Logan Borek	3.5	\$80.00	\$280.00
	Labor	Daniel Guerrero	3.5	\$80.00	\$280.00
					\$0.00
					\$0.00
					\$0.00
					\$0.00
					\$0.00

[illegible]

**Total Amount = \$2,688.00**



**HOFFMAN CONSTRUCTION COMPANY**  
**123 CTH "A"**  
**Black River Falls, Wisconsin 54615**  
**(715) 284-2512**

Prepared by: Jason Ivers

Report No. 6

**DAILY REPORT OF CHARGES FOR EXTRA WORK**

Name of Job: IH 94, 250<sup>th</sup> St – Wilson Creek, Dunn County

Date: 12/21/2018

Bill To: Wisconsin DOT

Address: Northwest Region Eau Claire Office

ATTN: Stacie Lambele

Date	Item #	Qty	Description of Pay Item/Extra Work
9/11/2018			Installing Trench Boxes for Pier Excavation

Please check one of the following three boxes:

<input type="checkbox"/>	Sub item performed by Hoffman
<input type="checkbox"/>	Extra work performed by Hoffman
<input type="checkbox"/>	Extra work performed by Sub

**LABOR & EQUIPMENT**

Equip #	Type and Size	Labor or Operator	Hours	Rate	Amount
	Foreman Pickup	Chad Keuter	2.0	\$112.00	\$224.00
	470 JD Hoe	David Freeberg	2.0	\$304.00	\$608.00
	320 Cat Hoe	Peter Passuello	2.0	\$192.00	\$384.00
	950 Cat Loader	Peter Passuello	2.0	\$168.00	\$336.00
	Labor	Daniel Guerrero	2.0	\$80.00	\$160.00
	Labor	Logan Borek	2.0	\$80.00	\$160.00
					\$0.00
					\$0.00
					\$0.00
					\$0.00

**MATERIALS AND SUPPLIES**

Quantity	Unit	Description and Source	Price	Amount
				\$0.00
				\$0.00
				\$0.00
				\$0.00
				\$0.00
				\$0.00
				\$0.00
				\$0.00
				\$0.00
				\$0.00

Customer: X

Total Amount = \$1,872.00

**HOFFMAN CONSTRUCTION COMPANY**  
**123 CTH "A"**  
**Black River Falls, Wisconsin 54615**  
**(715) 284-2512**

Prepared by: Jason Ivers

Report No. 7

**DAILY REPORT OF CHARGES FOR EXTRA WORK**

Name of Job: IH 94, 250<sup>th</sup> St – Wilson Creek, Dunn County

Date: 12/21/2018

Bill To: Wisconsin DOT

Address: Northwest Region Eau Claire Office

ATTN: Stacie Lambele

Date	Item #	Qty	Description of Pay Item/Extra Work
9/12/2018			Installing Trench Boxes for Pier Excavation

Please check one of the following three boxes:

<input type="checkbox"/>	Sub item performed by Hoffman
<input type="checkbox"/>	Extra work performed by Hoffman
<input type="checkbox"/>	Extra work performed by Sub

**LABOR & EQUIPMENT**

Equip #	Type and Size	Labor or Operator	Hours	Rate	Amount
	Foreman Pickup	Chad Keuter	1.5	\$112.00	\$168.00
	950 Cat Loader	Peter Passuello	1.5	\$168.00	\$252.00
					\$0.00
					\$0.00
					\$0.00
					\$0.00
					\$0.00
					\$0.00
					\$0.00
					\$0.00

**MATERIALS AND SUPPLIES**

Quantity	Unit	Description and Source	Price	Amount
				\$0.00
				\$0.00
				\$0.00
				\$0.00
				\$0.00
				\$0.00
				\$0.00
				\$0.00
				\$0.00
				\$0.00

Customer: X

Total Amount = \$420.00

**HOFFMAN CONSTRUCTION COMPANY**  
**123 CTH "A"**  
**Black River Falls, Wisconsin 54615**  
**(715) 284-2512**

**Prepared by:** Jason Ivers

Report No. 8

### DAILY REPORT OF CHARGES FOR EXTRA WORK

Name of Job: IH 94, 250<sup>th</sup> St – Wilson Creek, Dunn County Date: 12/21/2018

Bill To: Wisconsin DOT

Address: Northwest Region Eau Claire Office

ATTN: Stacie Lambele

Date	Item #	Qty	Description of Pay Item/Extra Work
9/19/2018			Installing Trench Boxes for Pier Excavation

Please check one of the following three boxes:

	Sub item performed by Hoffman
	Extra work performed by Hoffman
	Extra work performed by Sub

## LABOR & EQUIPMENT

Equip #	Type and Size	Labor or Operator	Hours	Rate	Amount
	Foreman Pickup	Mike Sylla	1.0	\$112.00	\$112.00
	950 Cat Loader	Nathan Spearbecker	2.0	\$168.00	\$336.00
	349 Cat Hoe	Loren Yadon	1.5	\$304.00	\$456.00
	320 Cat Hoe	Scott Balik	0.5	\$192.00	\$96.00
	Labor	Robert Gordon	3.0	\$80.00	\$240.00
	Labor	Kyler Bork	2.0	\$80.00	\$160.00
	Labor	Jeremy Osborne	1.0	\$80.00	\$80.00
					\$0.00
					\$0.00
					\$0.00

## MATERIALS AND SUPPLIES

[illegible]

Customer: X

**Total Amount = \$1,480.00**



**Prepared by:** Jason Ivers **Report No.** 9

Name of Job: IH 94, 250<sup>th</sup> St – Wilson Creek, Dunn County Date: 12/21/2018

ATTN: Stacie Lambele

	Sub item performed by Hoffman
	Extra work performed by Hoffman
	Extra work performed by Sub

[illegible][illegible]

**Total Amount = \$264.00**

Prepared by: Jason Ivers Report No. 10

Name of Job: IH 94, 250<sup>th</sup> St – Wilson Creek, Dunn County Date: 12/21/2018

Bill To: Wisconsin DOT

Address: Northwest Region Eau Claire Office

ATTN: Stacie Lambele

Please check one of the following three boxes:

	Sub item performed by Hoffman
	Extra work performed by Hoffman
	Extra work performed by Sub

[illegible][illegible]

Customer: X

**Total Amount = \$56,477.66**

**TRENCH SAFETY**

BRANCH B77  
12488 XENWOOD AVE SOUTH  
SAVAGE MN 55378  
952-882-6067  
952-895-1598 FAX

Job Site

HOFFMAN CONSTRUCTION  
650TH ST & I-94 OVERPASS  
x:650TH ST@UNDER I-94 OVERPASS  
MENOMONIE WI 54751  
Office: 715-284-2512 Cell: 715-896-1508

2.1.132 1 MB 0.421 40310S21.p01 633784 1-1 0



HOFFMAN CONSTRUCTION  
123 COUNTY ROAD A  
BLACK RIVER FALLS WI 54615-9209

ENTERED SEP 05 2018

**SALE  
AGREEMENT/INVOICE**

# 160146624-001

Customer # : 241254  
Invoice Date : 08/13/18 07:54 AM

UR Job Loc : 650TH ST & I-94 OVER  
UR Job # : 54  
Customer Job ID:  
P.O. # : 1801  
Ordered By : JASON IVERS  
Written By : BRITTNEY NEY  
Salesperson : DERRICK CHAMLEY

Invoice Amount: \$2,900.00

Terms: Due Upon Receipt  
Payment options: Contact our credit office 212-333-6600 Ext. e  
REMIT TO: UNITED RENTALS (NORTH AMERICA), INC.  
PO BOX 840514  
DALLAS TX 75284-0514

Qty	Item number	Stock class	Unit of Measure	Price	Amount
1	ENGINEERING PLANS - LABOR ENGPLN EGR180770 A&B Bridge Reconstruction  SHIP TO: HOFFMAN CONSTRUCTION 650TH ST & I-94 OVERPASS x:650TH ST@UNDER I-94 OVERPASS MENOMONIE WI 54751	MCI	EACH	2900.000	2900.00

Sub-total: 2900.00  
Total: 2900.00

1801 Menomonie  
9019  
4600.1 CT6  
Engineering Plans, Labor

Sm

OK per Ivers

**READ BEFORE SIGNING:**

(1) BY SIGNING THIS AGREEMENT, CUSTOMER AGREES TO ALL TERMS AND CONDITIONS ON THE FRONT AND BACK OF THIS AGREEMENT (2) ACKNOWLEDGES RECEIPT OF THE ITEMS IN GOOD WORKING ORDER, AND (3) IS FULLY FAMILIAR WITH THE OPERATION AND USE OF THE ITEMS.

X

CUSTOMER SIGNATURE

DATE

CUSTOMER NAME PRINTED

UNITED RENTALS REPRESENTATIVE/DELIVERED BY DATE



**United Rentals****RENTAL SAFETY**

BRANCH B77  
12488 KENWOOD AVE SOUTH  
SAVAGE MN 55378  
952-882-6067  
952-895-1598 FAX

**4 WEEK BILLING  
INVOICE**

# 160416393-001

Customer # : 241254  
Invoice Date : 09/05/18  
Date Out : 08/21/18 08:00 AM  
Billed Through : 09/18/18 00:00  
UR Job Loc : 650TH ST & I-94 OVER  
UR Job # : 54  
Customer Job ID:  
P.O. # : 1801  
Ordered By : JASON IVERS  
Reserved By : JOHN MCCMORROW  
Salesperson : DERRICK CHAMLEY

Job Price  
Address  
HOFFMAN CONSTRUCTION  
650TH ST & I-94 OVERPASS  
X:650TH ST@UNDER I-94 OVERPASS  
MENOMONIE WI 54751  
Office: 715-284-2512 Cell: 715-896-1508

HOFFMAN CONSTRUCTION  
123 HWY A  
BLACK RIVER FALLS WI 54615

**Invoice Amount: \$980.31**

Terms: Due Upon Receipt  
Payment options: Contact our credit office 212-333-6600 Ext. ext. 8  
REMIT TO: UNITED RENTALS (NORTH AMERICA), INC.  
PO BOX 840514  
DALLAS TX 75284-0514

RECEIVED SEP 14 2018

**RENTAL ITEMS:**

Qty	Equipment	Description	Minimum	Day	Week	4 Week	Amount
1	943/5055	SLIDE RAIL RIGGING JOB BOX		145.80	343.40	808.00	808.00
2	330/6984	SLING CHAIN ADJ G100 3/8" X 12" "Included in Job Box."					N/C
1	330/7050	LIFTING BRIDLE 2 LEG X 8" "Included in Job Box."					N/C
Rental Subtotal:							808.00
Agreement Subtotal:							808.00
Rental Protection:							121.20
Tax:							51.11
Total:							980.31

**COMMENTS/NOTES:**

CONTACT: SHAWN LA FAUNCE  
CELL#: 715-896-1508

BILLED FOR FOUR WEEKS 8/21/18 THRU 9/18/18 08:00 AM

ENTERED SEP 20 2018

*BB*  
#1801 Menomone  
9019  
4700.6  
Slide Rail Rigging  
CT6

*Sm*

THIS 4 WEEK BILLING INVOICE IS ISSUED SUBJECT TO THE TERMS AND CONDITIONS OF THE RENTAL AGREEMENT, WHICH ARE INCORPORATED HEREIN BY REFERENCE.  
A COPY OF THE RENTAL AGREEMENT IS AVAILABLE UPON REQUEST.

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Page: 1

4 WEEK BILLING  
INVOICE

# 160518775-001

**United Rentals**  
TRENCH SAFETY  
BRANCH 877  
12488 XENWOOD AVE SOUTH  
SAVAGE MN 55378  
952-882-6067  
952-895-1598 FAX

JOB SITE

Address

HOFFMAN CONSTRUCTION  
CTY RD K UNDER I94  
X: .@.  
MENOMONIE WI 54751  
Office: 715-284-2512 Cell: 715-533-2331

HOFFMAN CONSTRUCTION  
123 HWY A  
BLACK RIVER FALLS WI 54615

RECEIVED SEP 14 2019

Customer # : 241254  
Invoice Date : 09/08/18  
Date Out : 08/23/18 09:00 AM  
Billed Through : 09/20/18 00:00  
UR Job Loc : CTY RD K UNDER I94,  
UR Job # : 53  
Customer Job ID:  
P.O. # : 1801  
Ordered By : JASON IVERS  
Reserved By : KEVIN WOBSCHALL  
Salesperson : DERRICK CHAMLEY

Invoice Amount: \$10,446.62

Terms: Due Upon Receipt  
Payment options: Contact our credit office 212-333-6600 Ext. ext. 8  
REMIT TO: UNITED RENTALS (NORTH AMERICA), INC.  
PO BOX 840514  
DALLAS TX 75284-0514

RENTAL QTY	ITEMS: Equipment	Description	Minimum	Day	Week	4 Week	Amount
1	10496098	TRENCH BOX 10' X 20' WITH 6" WALL Make: SPEEDSHORE Model: TS-1020UR6SKE Serial: U-16-8172-S		340.00	900.00	2090.00	2,090.00
32	943/2200	W14 WIDE FLANGE BEAM (LINEAR FEET) (2) 16' Endloading Pipe		2.88	6.50	15.75	504.00
6	940/5530	SPREADER BAR (KIT) 8" X 16'		24.00	56.00	130.00	780.00
96	940/5655	8" SPREADER BAR (LINEAR FEET)					
16	940/9610	SPREADER BAR PIN 10" ** Included in spreader price **					N/C
11	942/7530	KIT: TRENCH SHEET, KD VI/8 - 14FT		25.00	68.00	173.00	1,903.00
286	942/7521	KD VI / 8 SHEETING (LINEAR FT)					
1	905/7159	EXCAVATOR PILE HAMMER CHAIN CLAMP ASSY		33.00	70.00	154.00	154.00
1	330/7118	LIFTING BRIDLE 4 LEG X 16'		35.00	75.00	158.00	158.00
1	940/5700	SPREADER BAR TRANSIT RACK					N/C
1	1226984	TRENCH BOX 10' X 20' WITH KNIFE-EDGE Make: GME Model: UR8M1020KE Serial: U-M11071312G		340.00	900.00	2090.00	2,090.00
11	942/7528	KIT: TRENCH SHEET, KD VI/8 - 12FT		25.00	68.00	173.00	1,903.00
Rental Subtotal:							9,582.00

## SALES/MISCELLANEOUS ITEMS:

Qty	Item	Price	Unit of Measure	Extended Amt.
1	DELIVERY CHARGE	320.000	EACH	320.00
Sales/Misc Subtotal:				320.00
Agreement Subtotal:				9,902.00
Tax:				544.62
Total:				10,446.62

## COMMENTS/NOTES:

CONTACT: SHAWN LAFAUNCE  
CELL#: 715-896-1508  
(2) 10X20 STEEL TRENCH BOXES KE 6" WALL  
W/ 16 SPREADERS

BILLED FOR FOUR WEEKS 8/23/18 THRU 9/20/18 09:00 AM

ENTERED SEP 20 2018

#1801 Menomonie  
9019  
4700.6 CTG  
10' x 20' Box

CONTINUED

THIS 4 WEEK BILLING INVOICE IS ISSUED SUBJECT TO THE TERMS AND CONDITIONS OF THE RENTAL AGREEMENT, WHICH ARE INCORPORATED HEREIN BY REFERENCE.  
A COPY OF THE RENTAL AGREEMENT IS AVAILABLE UPON REQUEST.

**United Rentals**  
**TRENCH SAFETY**  
 BRANCH 877  
 12488 KENWOOD AVE SOUTH  
 SAUSAGE, MN 55378  
 952-882-6067  
 952-895-1598 FAX

# 4 WEEK BILLING INVOICE

# 160518787-001

Customer # : 241254  
 Invoice Date : 09/08/18  
 Date Out : 08/23/18 09:00 AM  
 Billed Through : 09/20/18 00:00  
 UR Job Loc : 250TH ST UNDER I-94,  
 UR Job # : 52  
 Customer Job ID:  
 P.O. # : 1801  
 Ordered By : JASON IVERS  
 Reserved By : CALVIN AUSTVOLD  
 Salesperson : DERRICK CHAMLEY

Job Site Address  
 HOFFMAN SITE 1  
 250TH ST UNDER I-94  
 X: .@.  
 MENOMONIE WI 54751  
 Office: 715-284-2512 Cell: 715-533-2331

HOFFMAN CONSTRUCTION  
 123 HWY A  
 BLACK RIVER FALLS WI 54615

RECEIVED SEP 14 2018

Invoice Amount: \$10,446.62

Terms: Due Upon Receipt  
 Payment options: Contact our credit office 212-333-6600 Ext. ext. 8  
 REMIT TO: UNITED RENTALS (NORTH AMERICA), INC.  
 PO BOX 840514  
 DALLAS TX 75284-0514

RENTAL ITEMS:						
Qty	Equipment	Description	Minimum	Day	Week	4 Week
1	10623801	TRENCH BOX 10' X 20' WITH KNIFE-EDGE Make: VESTEK Model: C6MURSB1020SKE Serial: V170574		340.00	900.00	2090.00
32	943/2200	W14 WIDE FLANGE BEAM (LINEAR FEET) (2) 16' Endloading Spreaders		2.88	6.50	15.75
6	940/5530	SPREADER BAR (KIT) 8" X 16'		24.00	56.00	130.00
96	940/5655	8" SPREADER BAR (LINEAR FEET)				
11	942/7530	KIT: TRENCH SHEET, KD VI/8 - 14FT		25.00	68.00	173.00
286	942/7521	KD VI / 8 SHEETING (LINEAR FT)				
1	905/7159	EXCAVATOR PILE HAMMER CHAIN CLAMP ASSY		33.00	70.00	154.00
1	330/7118	LIFTING BRIDLE 4 LEG X 16'		35.00	75.00	158.00
16	940/9610	SPREADER BAR PIN 10"				N/C
1	940/5700	SPREADER BAR TRANSIT RACK				N/C
1	10494012	TRENCH BOX 10' X 20' WITH 6" WALL Make: VESTEK Model: 10X20 Serial: C160563		340.00	900.00	2090.00
11	942/7528	KIT: TRENCH SHEET, KD VI/8 - 12FT		25.00	68.00	173.00
Rental Subtotal:						9,582.00

## SALES/MISCELLANEOUS ITEMS:

Qty	Item	Price	Unit of Measure	Extended Amt.
1	DELIVERY CHARGE	320.000	EACH	320.00
Sales/Misc Subtotal:				320.00

Agreement Subtotal: 9,902.00  
 Tax: 544.62  
 Total: 10,446.62

## COMMENTS/NOTES:

CONTACT: SHAWN LAFAUNCE  
 CELL#: 715-896-1508  
 CALL AHEAD. SITE IS WEST OF MENOMONIE,  
 WI.  
 (2) 10X20 STEEL BOXES KE 6" WALL W/  
 16 SPREADERS

BILLED FOR FOUR WEEKS 8/23/18 THRU 9/20/18 09:00 AM

ENTERED SEP 20 2018

1801  
fob

1801 Menomonic  
 9019  
 4700.6 CT6  
 10' x 20' Box

CONTINUED

THIS 4 WEEK BILLING INVOICE IS ISSUED SUBJECT TO THE TERMS AND CONDITIONS OF THE RENTAL AGREEMENT, WHICH ARE INCORPORATED HEREIN BY REFERENCE.  
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Page: 1



**United Rentals**

TRENCH SAFETY  
BRANCH B77  
12488 KENWOOD AVE SOUTH  
SAVAGE MN 55378  
952-882-6067  
952-895-1598 FAX

**4 WEEK BILLING  
INVOICE**

# 160415937-001

Job Site Address  
HOFFMAN CONSTRUCTION  
650TH ST & I-94 OVERPASS  
X:650TH ST@UNDER I-94 OVERPASS  
MENOMONIE WI 54751  
Office: 715-284-2512 Cell: 715-896-1508

Customer # : 241254  
Invoice Date : 09/06/18  
Date Out : 08/21/18 08:00 AM  
Billed Through : 09/18/18 00:00  
UR Job Loc : 650TH ST & I-94 OVER  
UR Job # : 54  
Customer Job ID:  
P.O. # : 1801  
Ordered By : JASON IVERS  
Reserved By : JOHN MCCMORROW  
Salesperson : DERRICK CHAMLEY

HOFFMAN CONSTRUCTION  
123 HWY A  
BLACK RIVER FALLS WI 54615

**Invoice Amount: \$23,916.45**

Terms: Due Upon Receipt  
Payment options: Contact our credit office 212-333-6600 Ext. ext. 8  
REMIT TO: UNITED RENTALS (NORTH AMERICA), INC.  
PO BOX 840514  
DALLAS TX 75284-0514

RECEIVED SEP 14 2018

RENTAL ITEMS:		Description	Minimum	Day	Week	4 Week	Amount
Qty	Equipment						
1		16 FT WIDE X 20 FT LONG X 10 FT DEEP 3 SIDED SLIDE RAIL SYSTEM W/ (1) 16 FT SIDE OPEN.		3560.38	8466.94	20794.60	
2	943/4612	SLIDE RAIL PANEL 8X16 INNER M					
2	943/4617	SLIDE RAIL PANEL 8X16 OUTER M					
4	943/4622	SLIDE RAIL PANEL 8X20 INNER M					
4	943/4637	SLIDE RAIL PANEL 8X20 OUTER M					
4	943/4352	SLIDE RAIL CORNER POST - 16'					
4	943/4286	SLIDE RAIL LINEAR POST - 17' SD					
2	943/5047	SLIDE RAIL ROLLING STRUT CART DBL					
2	943/2465	KIT: STRUT CART 13' EXT BEAM W14					
26	943/2400	SLIDE RAIL STRUT EXT BEAM W14 (LIN FT)					
2	943/2470	KIT: STRUT CART 14' EXT BEAM W14					
28	943/2400	SLIDE RAIL STRUT EXT BEAM W14 (LIN FT)					

## SALES/MISCELLANEOUS ITEMS:

Qty	Item	Price	Unit of Measure	Extended Amt.
1	DELIVERY CHARGE	1875.000	EACH	1,875.00
Rental Subtotal:				20,794.60
Sales/Misc Subtotal:				1,875.00
Agreement Subtotal:				22,669.60
Tax:				1,246.85
Total:				23,916.45

## COMMENTS/NOTES:

CONTACT: SHAWN LA FAUNCE  
CELL#: 715-896-1508  
\*\* (3) LOADS.\*\*  
\*\*\*NARROW ROAD INTO THE SITE.\*\*\*

BILLED FOR FOUR WEEKS 8/21/18 THRU 9/18/18 08:00 AM

TO SCHEDULE EQUIPMENT FOR PICKUP, CALL 800-UR-RENTS (800-877-3687)  
WE ARE AVAILABLE 24/7 TO SUPPLY YOU WITH A CONFIRMATION #  
IN ORDER TO CLOSE THIS CONTRACT.

WAIT TIME IS BILLED AT \$150/HOUR AFTER THE FIRST HOUR.  
ARRIVAL TIME: \_\_\_\_\_  
DEPARTURE TIME: \_\_\_\_\_

ENTERED SEP 20 2018

1801 Menomone  
9019  
4700.6 CT6  
16' x 20' Box

THIS 4 WEEK BILLING INVOICE IS ISSUED SUBJECT TO THE TERMS AND CONDITIONS OF THE RENTAL AGREEMENT, WHICH ARE INCORPORATED HEREIN BY REFERENCE.  
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Page: 1

ted Rentals



# RENTAL RETURN INVOICE

# 160415937-002

Job Site  
Address

77  
KENWOOD AVE SOUTH  
E MN 55378  
882-6067  
2-895-1598 FAX

HOFFMAN CONSTRUCTION  
650TH ST & I-94 OVERPASS  
x:650TH ST@UNDER I-94 OVERPASS  
MENOMONIE WI 54751  
Office: 715-284-2512 Cell: 715-896-1508

HOFFMAN CONSTRUCTION  
123 HWY A  
BLACK RIVER FALLS WI 54615

Customer # : 241254  
Invoice Date : 09/14/18  
Rental Out : 08/21/18 08:00 AM  
Rental In : 09/07/18 05:00 PM  
UR Job Loc : 650TH ST & I-94 OVER  
UR Job # : 54  
Customer Job ID:  
P.O. # : 1801  
Ordered By : JASON IVERS  
Reserved By : JOHN MCCMORROW  
Salesperson : DERRICK CHAMLEY

Invoice Amount: \$1,978.13

Terms: Due Upon Receipt  
Payment options: Contact our credit office 212-333-6600 Ext. ext. 8  
REMIT TO: UNITED RENTALS (NORTH AMERICA), INC.  
PO BOX 840514  
DALLAS TX 75284-0514

RENTAL ITEMS:		Description	Minimum	Day	Week	4 Week	Amount
Qty	Equipment						
1		16 FT WIDE X 20 FT LONG X 10 FT DEEP 3 SIDED SLIDE RAIL SYSTEM W/ (1) 16 FT SIDE OPEN.		3560.38	8466.94	20794.60	
2	943/4612	SLIDE RAIL PANEL 8X16 INNER M					
2	943/4617	SLIDE RAIL PANEL 8X16 OUTER M					
4	943/4622	SLIDE RAIL PANEL 8X20 INNER M					
4	943/4637	SLIDE RAIL PANEL 8X20 OUTER M					
4	943/4352	SLIDE RAIL CORNER POST - 16'					
4	943/4286	SLIDE RAIL LINEAR POST - 17' SD					
2	943/5047	SLIDE RAIL ROLLING STRUT CART DBL					
2	943/2465	KIT: STRUT CART 13' EXT BEAM W14					
26	943/2400	SLIDE RAIL STRUT EXT BEAM W14 (LIN FT)					
2	943/2470	KIT: STRUT CART 14' EXT BEAM W14					
28	943/2400	SLIDE RAIL STRUT EXT BEAM W14 (LIN FT)					

#1801 Menomonie  
16' x 20' Box (Final)  
9019-6  
4700.6

## SALES/MISCELLANEOUS ITEMS:

Qty	Item	Price	Unit of Measure	Extended Amt.
1	PICKUP CHARGE	1875.000	EACH	1,875.00
Rental Subtotal:				
Sales/Misc Subtotal:				1,875.00
Agreement Subtotal:				1,875.00
Tax:				103.13
Total:				1,978.13

## COMMENTS/NOTES:

CONTACT: SHAWN LA FAUNCE  
CELL#: 715-896-1508  
\*\* (3) LOADS. \*\*  
\*\*\*NARROW ROAD INTO THE SITE.\*\*\*  
\*\*\*\*\*NO CHARGE DUE TO ITEMS ALREADY  
CYCLE BILLED.\*\*\*\*\*

FINAL BILL: 9/18/18 08:00 AM THRU 9/07/18 05:00 PM.

ENTERED OCT 19 2018

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**ed Rentals**



**RENTAL RETURN  
INVOICE**

**# 160518787-002**

17  
ENWOOD AVE SOUTH  
MN 55378  
882-6067  
2-895-1598 FAX

**Job site  
Address**

HOFFMAN SITE 1  
250TH ST UNDER I-94  
X:..@.  
MENOMONIE WI 54751  
Office: 715-284-2512 Cell: 715-533-2331

HOFFMAN CONSTRUCTION  
123 HWY A  
BLACK RIVER FALLS WI 54615

Customer # : 241254  
Invoice Date : 09/13/18  
Rental Out : 08/23/18 09:00 AM  
Rental In : 09/11/18 05:00 PM  
UR Job Loc : 250TH ST UNDER I-94,  
UR Job # : 52  
Customer Job ID:  
P.O. # : 1801  
Ordered By : JASON IVERS  
Reserved By : CALVIN AUSTVOLD  
Salesperson : DERRICK CHAMLEY

**Invoice Amount: \$337.60**

Terms: Due Upon Receipt  
Payment options: Contact our credit office 212-333-6600 Ext. ext. 8  
REMIT TO: UNITED RENTALS (NORTH AMERICA), INC.  
PO BOX 840514  
DALLAS TX 75284-0514

Qty	Equipment	Description	Minimum	Day	Week	4 Week	Amount
1	10623801	TRENCH BOX 10' X 20' WITH KNIFE-EDGE Make: VESTEK Model: C6MURSB1020SKE Serial: V170574	340.00		900.00	2090.00	N/C
32	943/2200	W14 WIDE FLANGE BEAM (LINEAR FEET) (2) 16' Endloading Spreaders	2.88		6.50	15.75	N/C
6	940/5530	SPREADER BAR (KIT) 8" X 16'	24.00		56.00	130.00	
96	940/5655	8" SPREADER BAR (LINEAR FEET)					
11	942/7530	KIT: TRENCH SHEET, KD VI/8 - 14FT	25.00		68.00	173.00	
286	942/7521	KD VI / 8 SHEETING (LINEAR FT)					
1	905/7159	EXCAVATOR PILE HAMMER CHAIN CLAMP ASSY	33.00		70.00	154.00	N/C
1	330/7118	LIFTING BRIDLE 4 LEG X 16'	35.00		75.00	158.00	N/C
16	940/9610	SPREADER BAR PIN 10"					N/C
1	940/5700	SPREADER BAR TRANSIT RACK					N/C
1	10494012	TRENCH BOX 10' X 20' WITH 6" WALL Make: VESTEK Model: 10X20 Serial: C160563	340.00		900.00	2090.00	N/C
11	942/7528	KIT: TRENCH SHEET, KD VI/8 - 12FT	25.00		68.00	173.00	

**SALES/MISCELLANEOUS ITEMS:**

Qty	Item	Price	Unit of Measure	Extended Amt.
-----	------	-------	-----------------	---------------

1	PICKUP CHARGE	320.000	EACH	320.00
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Sales/Misc Subtotal: 320.00

Agreement Subtotal: 320.00

Tax: 17.60

Total: 337.60

**COMMENTS/NOTES:**

CONTACT: SHAWN LAFAUNCE  
CELL#: 715-896-1508  
CALL AHEAD. SITE IS WEST OF MENOMONIE,  
WI.  
(2) 10X20 STEEL BOXES KE 6" WALL W/  
16 SPREADERS  
\*\*NO CHARGE DUE TO ITEMS ALREADY CYCLE  
BILLED.\*\*

FINAL BILL: 9/20/18 09:00 AM THRU 9/11/18 05:00 PM.

# 1801 Menomonie  
16'x 20' Box (Final)  
9019-6  
4700.6

ENTERED OCT 19 2018

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**ed Rentals**



**RENTAL RETURN  
INVOICE**

# 160518775-002

177  
HENWOOD AVE SOUTH  
2 NW 55378  
882-6067  
2-895-1598 FAX

**Job Site  
Address**

HOFFMAN CONSTRUCTION  
CTY RD K UNDER I94  
x:11TH ST S@HENNEPIN AVE  
MENOMONIE WI 54751  
Office: 715-284-2512 Cell: 715-896-1508

Customer # : 241254  
Invoice Date : 09/21/18  
Rental Out : 08/23/18 09:00 AM  
Rental In : 09/19/18 05:00 PM  
UR Job Loc : CTY RD K UNDER I94,  
UR Job # : 53  
Customer Job ID:  
P.O. # : 1801  
Ordered By : JASON IVERS  
Reserved By : KEVIN WOBSCHALL  
Salesperson : DERRICK CHAMLEY

HOFFMAN CONSTRUCTION  
123 HWY A  
BLACK RIVER FALLS WI 54615

**Invoice Amount: \$337.60**

Terms: Due Upon Receipt  
Payment options: Contact our credit office 212-333-6600 Ext. ext. 8  
REMIT TO: UNITED RENTALS (NORTH AMERICA), INC.  
PO BOX 840514  
DALLAS TX 75284-0514

RENTAL ITEMS:		Description	Minimum	Day	Week	4 Week	Amount
Qty	Equipment						
1	10496098	TRENCH BOX 10' X 20' WITH 6" WALL Make: SPEEDSHORE Model: TS-1020UR6SKE Serial: U-16-8172-S		340.00	900.00	2090.00	N/C
32	943/2200	W14 WIDE FLANGE BEAM (LINEAR FEET) (2) 16' Endloading Pipe		2.88	6.50	15.75	N/C
6	940/5530	SPREADER BAR (KIT) 8" X 16'		24.00	56.00	130.00	
96	940/5655	8" SPREADER BAR (LINEAR FEET)					
16	940/9610	SPREADER BAR PIN 10" ** Included in spreader price **					N/C
11	942/7530	KIT: TRENCH SHEET, KD VI/8 - 14FT		25.00	68.00	173.00	
286	942/7521	KD VI / 8 SHEETING (LINEAR FT)					
1	905/7159	EXCAVATOR PILE HAMMER CHAIN CLAMP ASSY		33.00	70.00	154.00	N/C
1	330/7118	LIFTING BRIDLE 4 LEG X 16'		35.00	75.00	158.00	N/C
1	940/5700	SPREADER BAR TRANSIT RACK					N/C
1	1226984	TRENCH BOX 10' X 20' WITH KNIFE-EDGE Make: GME Model: UR8M1020KE Serial: U-M11071312G		340.00	900.00	2090.00	N/C
11	942/7528	KIT: TRENCH SHEET, KD VI/8 - 12FT		25.00	68.00	173.00	

Rental Subtotal:

**SALES/MISCELLANEOUS ITEMS:**

Qty	Item	Price	Unit of Measure	Extended Amt.
1	PICKUP CHARGE	320.000	EACH	320.00
Sales/Misc Subtotal:				320.00
Agreement Subtotal:				320.00
Tax:				17.60
Total:				337.60

**COMMENTS/NOTES:**

CONTACT: SHAWN LAFAUNCE  
CELL#: 715-896-1508  
(2) 10X20 STEEL TRENCH BOXES KE 6" WALL  
W/ 16 SPREADERS  
\*\*NO CHARGE DUE TO ITEMS ALREADY CYCLE  
BILLED.\*\*

FINAL BILL: 9/20/18 09:00 AM THRU 9/19/18 05:00 PM.

# 1801 Menomonie  
10'x 20' Box (Final)

9019-6

4700.6

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## Attachment G – Department Correspondence

**From:** Danielsen, Brian  
**To:** [Lambele, Stacie - DOT](#)  
**Subject:** FW: Menomonie Temporary Bridge Plans / Pier Abutment Shoring Conflict  
**Date:** Tuesday, June 26, 2018 10:07:34 AM  
**Attachments:** [image001.png](#)  
[image002.png](#)  
[B-17-217\\_218 Temp Bridge Plan.pdf](#)  
[B-17-219\\_220 Temp Bridge Plan.pdf](#)  
[B-17-221\\_222 Temp Bridge Plan.pdf](#)

---

Stacie

Here is the 1<sup>st</sup> official correspondence from Lunda regarding the temp shoring. The other 3 dates you have noted are correct for written correspondence.

Josh's initial notification of issue with temp bridge design submittal on 5/4

Josh's extra explanation from 6/5

My response from 6/8

Hoffman reply from 6/26.

Brian Danielsen, P.E.



**Brian Danielsen, PE**  
**Senior Vice President, Construction/Senior Project Engineer**  
office: 715.736.0271 | mobile: 715.323.0313  
[brian.danielsen@questllc.biz](mailto:brian.danielsen@questllc.biz) | [www.questllc.biz](http://www.questllc.biz)

---

**From:** Joshua Simonson <[JSimonson@Lundaconstruction.com](mailto:JSimonson@Lundaconstruction.com)>  
**Sent:** Friday, May 04, 2018 2:52 PM  
**To:** Brian Danielsen <[brian.danielsen@questllc.biz](mailto:brian.danielsen@questllc.biz)>; [jivers@hoffcons.com](mailto:jivers@hoffcons.com)  
**Cc:** Joe Larson <[JLarson@Lundaconstruction.com](mailto:JLarson@Lundaconstruction.com)>  
**Subject:** Menomonie Temporary Bridge Plans / Pier Abutment Shoring Conflict

Brian-

The temporary bridge designs are completed for CTH K, 650<sup>th</sup>, and 250<sup>th</sup>. As previously stated prior to this project being bid there are concerns that temporary shoring will be required at the pier locations. It was recently determined by project staff that shoring would not be required at these locations if the road/ traffic were placed into one way stop conditions which would allow the piers to be open excavated. Open excavating the piers causes issues for the temporary bridges in that it undermines the toe for the sheeting at the abutment wingwalls. Longer sheets requires tie backs/ walers that require excavation to install, and would undermine the existing bridge abutments during installation.



The general design for the temporary bridges as shown in the plan depict sheet pile abutments which is what our temporary bridge design is based on. The recent decision to open excavate the piers would require temporary shoring at the backside of the piers (in the fore slope) to retain the slope and prevent from undermining the existing IH 94 bridge abutments and or temporary bridge abutment sheeting. We believe this shoring should be paid as a contract change order. Please review and advise if a change order will be issued prior to construction.

Thanks,

**Josh Simonson**

Project Manager



**ph:** (715) 284-9491

**fax:** (715) 284-9146

**cell:** (715) 299-0461

**<http://www.lundaconstruction.com>**

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**From:** Danielsen, Brian  
**To:** [Joshua Simonson](#)  
**Cc:** [Lambele, Stacie - DOT](#); [Jason Ivers](#); "[slafaunge@hoffcons.com](mailto:slafaunge@hoffcons.com)"; [Pilon, David - DOT](#)  
**Subject:** 1022-08-72, IH 94 Menomonie, Temp Shoring  
**Date:** Friday, June 08, 2018 1:19:40 PM  
**Attachments:** [image001.png](#)

---

Josh

The Department has reviewed Lunda's request for temporary shoring and will be rejecting your request for payment of temporary shoring to construct the permanent bridges for structures at CTH K, 250<sup>th</sup>, and 650<sup>th</sup>. According to the plan details on pages 21-23, temporary shoring is incidental to the temporary structure. According to the special provisions, page 46, paragraph 4, temporary shoring and other secondary structure items required to construct the temporary bridge structure are to be included as part of the bid item. All existing conditions were shown in the plan. The design of the temporary structures is the responsibility of the contractor. The design of the temporary structures that Lunda proposed appear to be designed to a minimum, where additional length of temporary shoring should have been driven or other measures should have been taken to maintain toe on the temporary shoring during construction of the permanent structures. The required excavation elevations adjacent to the temporary structure were shown in the plan and should have been taken into consideration. If the temporary structure that Lunda is constructing can't stand up with the excavation shown in the plan, any temporary shoring required to hold the temporary structure up would be considered incidental to the temporary structure.

In addition, temporary shoring is incidental to the excavation for structures bid item and is listed multiple times in Standard Specification 206. The Department allowed the option of open cut excavation with one lane stop condition on each roadway to make excavation easier at the proposed/existing pier locations. If that ends up being an issue with your temporary structure design, then temp shoring should be installed to excavate the structures per Standard Specification 206.

Thanks

Brian Danielsen, P.E.



**Brian Danielsen, PE**  
**Senior Vice President, Construction/Senior Project Engineer**  
office: 715.736.0271 | mobile: 715.323.0313  
[brian.danielsen@questllc.biz](mailto:brian.danielsen@questllc.biz) | [www.questllc.biz](http://www.questllc.biz)

**From:** Danielsen, Brian  
**To:** [Jason Ivers](#)  
**Cc:** [Shawn LaFaunge](#); [JSimonson@Lundaconstruction.com](mailto:JSimonson@Lundaconstruction.com); [Brian Aebly](#); [Shawn Hoffman](#); [Lambele, Stacie - DOT](#); [Passuello, Nicole - DOT](#); [Pilon, David - DOT](#)  
**Subject:** 1022-08-72, IH 94 Menomonie, 104.3.6 Temporary Shoring Response  
**Date:** Friday, June 29, 2018 4:10:05 PM  
**Attachments:** [image001.png](#)

---

Jason

The Department has reviewed the request made by Hoffman Construction along with Lunda Construction requesting payment for temporary shoring and requesting each side road to be closed down for an additional 30 days while temporary shoring is in use. The Department has reviewed the request and will be rejecting your request. As stated on my e-mail response to Josh Simonson w/ Lunda Construction on 6-8-18, the plans and specials state that the temporary shoring is incidental to the temporary structure, and temporary shoring is incidental to excavation for structures, and the Departments stance on the issue has not changed. The Department will allow one lane stop condition protected by barrier wall for excavation and construction of the new structures.

Consider this e-mail the Engineer 5-day Written Response according to 104.3.6.

Thank You

**Brian Danielsen, P.E.**



**Brian Danielsen, PE**  
**Senior Vice President, Construction/Senior Project Engineer**  
**office:** 715.736.0271 | **mobile:** 715.323.0313  
[brian.danielsen@questllc.biz](mailto:brian.danielsen@questllc.biz) | [www.questllc.biz](http://www.questllc.biz)

---

**From:** Jason Ivers <jivers@hoffcons.com>  
**Sent:** Tuesday, June 26, 2018 8:31 AM  
**To:** Brian Danielsen <brian.danielsen@questllc.biz>  
**Cc:** Shawn LaFaunge <slafaunge@hoffcons.com>; JSimonson@Lundaconstruction.com; Brian Aebly <baebly@hoffcons.com>; Shawn Hoffman <shoffman@hoffcons.com>  
**Subject:** Temporary Shoring Menomonie SP 1022-08-72

Brian,

Hoffman is requesting a Change Order for Temporary Shoring on the Menomonie project. Please see the attached documents.

Thanks,

Jason Ivers



Hoffman Construction Company  
715-533-2331