



Agenda

City Council Work Session Meeting
Oelwein Public Library, 201 East Charles, Oelwein, Iowa
5:30 PM

May 28, 2024
Oelwein, Iowa

Mayor: Brett DeVore

Mayor Pro Tem: Matt Weber

Council Members: Karen Seeders, Anthony Ricchio, Lynda Payne, Dave Garrigus, Dave Lenz

Pledge of Allegiance

Discussions

- [1.](#) Presentation from Julie Neebel and Nate Miller, Origin Design, on the 10th Street Bridge project.

Adjournment

In compliance with the Americans with Disabilities Act, those requiring accommodation for Council meetings should notify the City Clerk's Office at least 24 hours prior to the meeting at 319-283-5440

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BRIDGE REPLACEMENT - PPCB
LETTING DATE

BRM-5657(614)-8N-33

281-1
10-18-16

SECTION 404 PERMIT AND CONDITIONS

CONSTRUCT THIS PROJECT ACCORDING TO THE REQUIREMENTS OF U.S. ARMY CORPS OF ENGINEERS NATIONWIDE PERMIT NO. _____, PERMIT NO. _____ A COPY OF THIS PERMIT IS AVAILABLE FROM THE IOWA DOT WEBSITE (<http://www.enrpermits.iowadot.gov/>). THE U.S. ARMY CORPS OF ENGINEERS RESERVES THE RIGHT TO VISIT THE SITE WITHOUT PRIOR NOTICE.

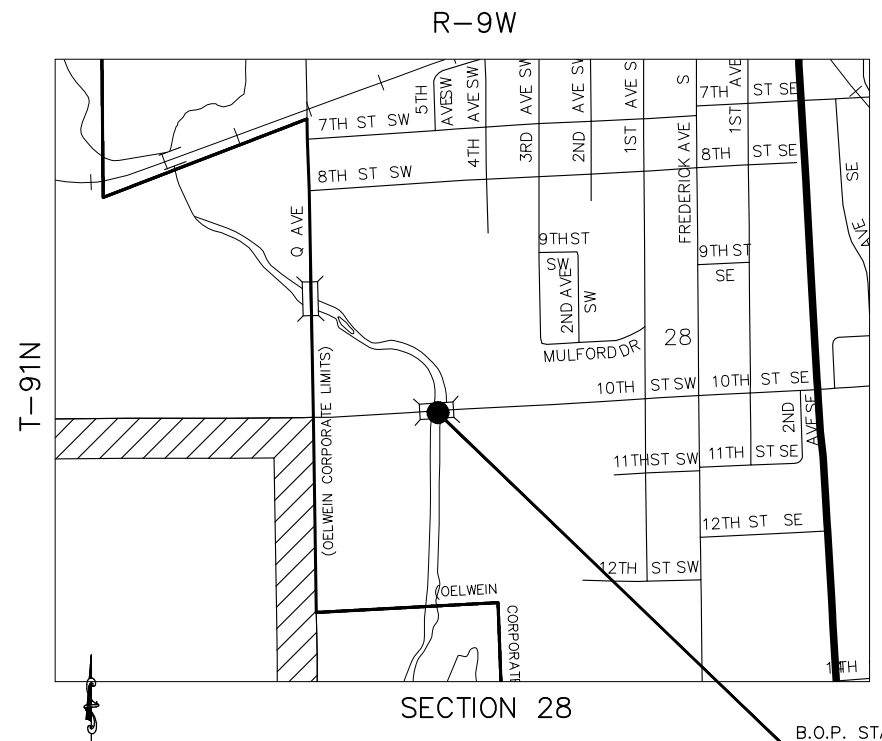
IOWA DNR FLOODPLAIN CONSTRUCTION PERMIT
THIS PROJECT IS COVERED BY THE IOWA DEPARTMENT OF NATURAL RESOURCES FLOODPLAIN CONSTRUCTION PERMIT NO. FP-XXXX-XX



Highway Division
PLANS OF PROPOSED IMPROVEMENTS ON THE
URBAN ROAD SYSTEM
CITY OF OELWEIN
BRM-5657(614)-8N-33
BRIDGE REPLACEMENT - PPCB
IN THE CITY OF OELWEIN ON 10th ST SW
OVER OTTER CREEK
SCALES: As Noted

REFER TO THE PROPOSAL FORM FOR LIST OF APPLICABLE SPECIFICATIONS.

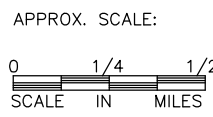
SEE SHEET C.2 FOR STANDARD ROAD PLAN TABULATION AND STANDARD BRIDGE PLAN TABULATION.



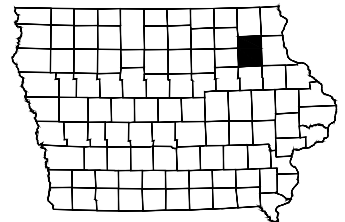
DESIGN SPEED: _____ MPH

TRAFFIC CONTROL PLAN
THIS ROAD SHALL BE CLOSED TO VEHICULAR AND PEDESTRIAN TRAFFIC DURING CONSTRUCTION. ALL TRAFFIC CONTROL DEVICES, PROCEDURES, AND LAYOUTS WITHIN THE LIMITS OF THIS PROJECT SHALL CONFORM TO THE "MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES FOR STREETS AND HIGHWAYS, (MUTCD) AS ADOPTED BY THE DEPARTMENT PER 761 OF THE IOWA ADMINISTRATIVE CODE (IAC), CHAPTER 130." THE CONTRACTOR SHALL FURNISH TRAFFIC CONTROL INCLUDING BARRICADES AND SIGNS IN ACCORDANCE WITH TC-252 AND THE MUTCD. CONTRACTOR SHALL BE RESPONSIBLE FOR ALL DETOUR SIGNING. CONTRACTOR SHALL FURNISH, ERECT AND MAINTAIN ALL NECESSARY TRAFFIC CONTROL DEVICES ON A 24 HOUR PER DAY, 7 DAYS A WEEK BASIS DURING THE CONSTRUCTION PERIOD. CONTRACTOR TO PROVIDE 24 HOUR CALL NUMBER FOR REPAIR OF DEFICIENCIES.

B.O.P. STATION 00+00
E.O.P. STATION 00+00
FHWA STRUCTURE NO. 8920



LOCATION MAP



WORKING DRAWINGS WILL BE CHECKED BY ORIGIN DESIGN
137 MAIN STREET, DUBUQUE, IA 52001
563-556-2464 (PHONE); 563-556-7811 (FAX)
COURTNEY WAND
COURTNEY.WAND@ORIGINDSIGN.COM

AADT 820 V.P.D. 2021



TOTAL SHEETS	Item 1.
PROJECT NUMBER	BRM-5657(614)-8N-33

INDEX OF SHEETS	
NO.	DESCRIPTION
A.1 - A.2	TITLE SHEET, LEGENDS AND ABBREVIATIONS
B.1	TYPICAL SECTIONS
C.1	ESTIMATE OF QUANTITIES, STANDARD ROAD PLANS, & GENERAL INFORMATION
D.1 - D.2	PLAN & PROFILES (MAINLINE)
* SPS.1	SOIL BORINGS
* V.1	SITUATION PLAN
V.2	BRIDGE DETAILS
	* COLOR PLAN SHEETS

MILEAGE SUMMARY			
DIV.	LOCATION	LIN. FT.	MILES
1	10TH STREET SW STA xx+xxx TO xx+xxx	XX.XX	X.XXX
	TOTAL	XX.XX	X.XXX



UTILITY CONTACTS:

ALLIANT ENERGY
COMPANY NAME: ALLIANT ENERGY
DESIGN CONTACT: ALLIANT ENERGY FIELD ENGINEER
PHONE: 8002554268
EMAIL: LOCATE_IPL@ALLIANTENERGY.COM

CENTURYLINK
COMPANY NAME: CENTURYLINK
DESIGN CONTACT: SADIE HULL
PHONE: 9185470147
EMAIL: SADIE.HULL@LUMEN.COM

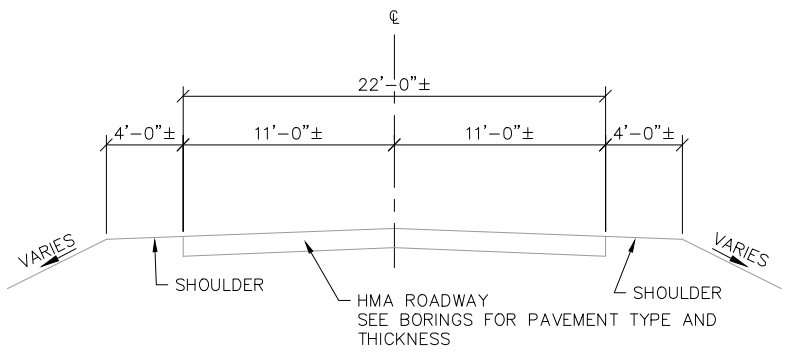
MEDIACOM
COMPANY NAME: MEDIACOM
DESIGN CONTACT: SCOTT LAGOW
PHONE: 8455449655
EMAIL: CLAGOW@MEDIACOMCC.COM

OELWEIN, CITY OF
COMPANY NAME: OELWEIN, CITY OF
DESIGN CONTACT: HERB DOUDNEY
PHONE: 3192831197
EMAIL: OELWEINWATER@MCHSI.COM

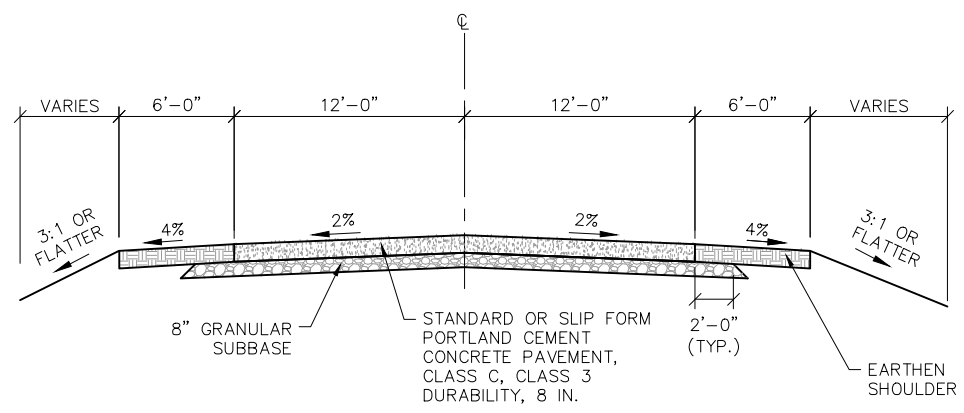
INDEX OF SEALS		
SHEET NO.	NAME	TYPE
X	X	X
X	X	X
X	X	X
X	X	X

PRELIMINARY PLANS

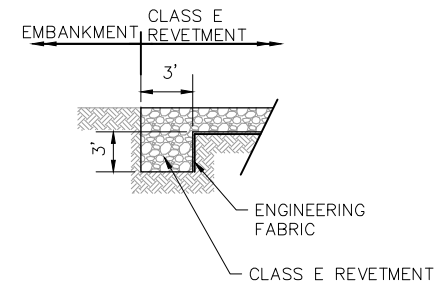
	INDEX THIS SHEET
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1 EXISTING SECTION
B.1 NOT TO SCALE



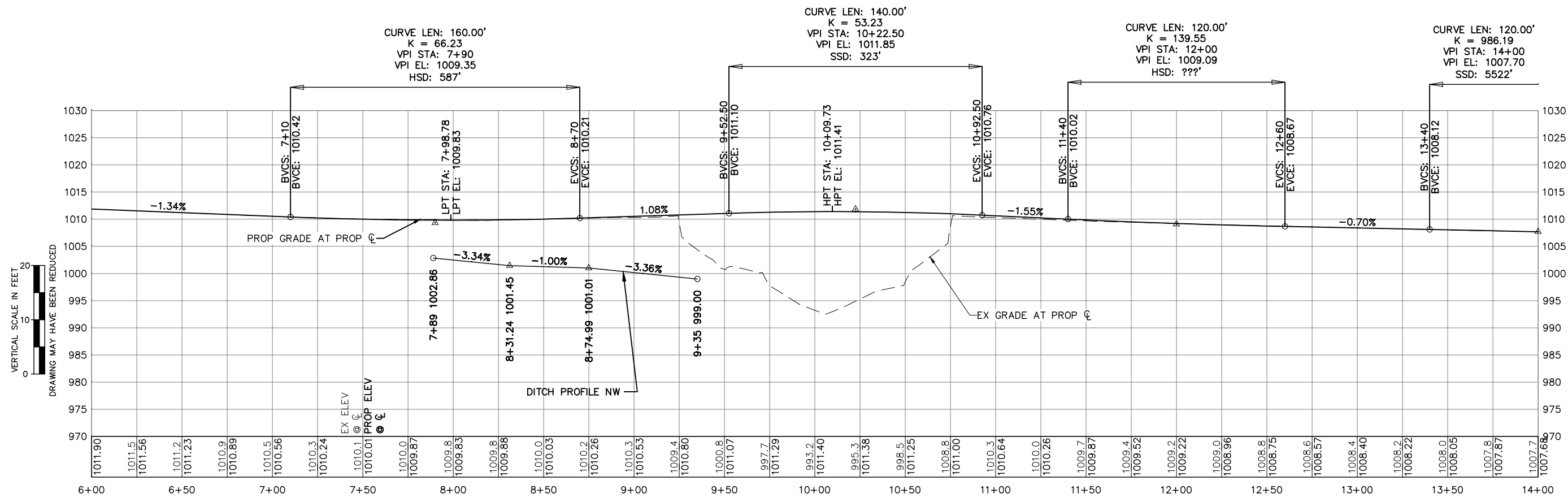
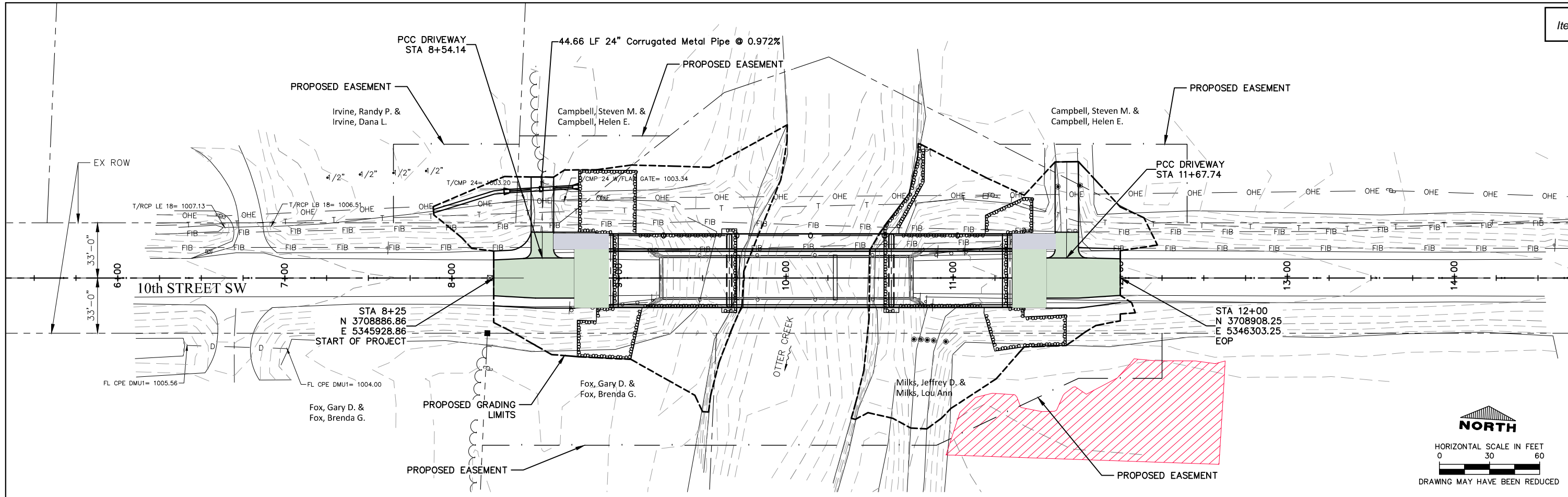
2 TYPICAL SECTION
B.1 NOT TO SCALE



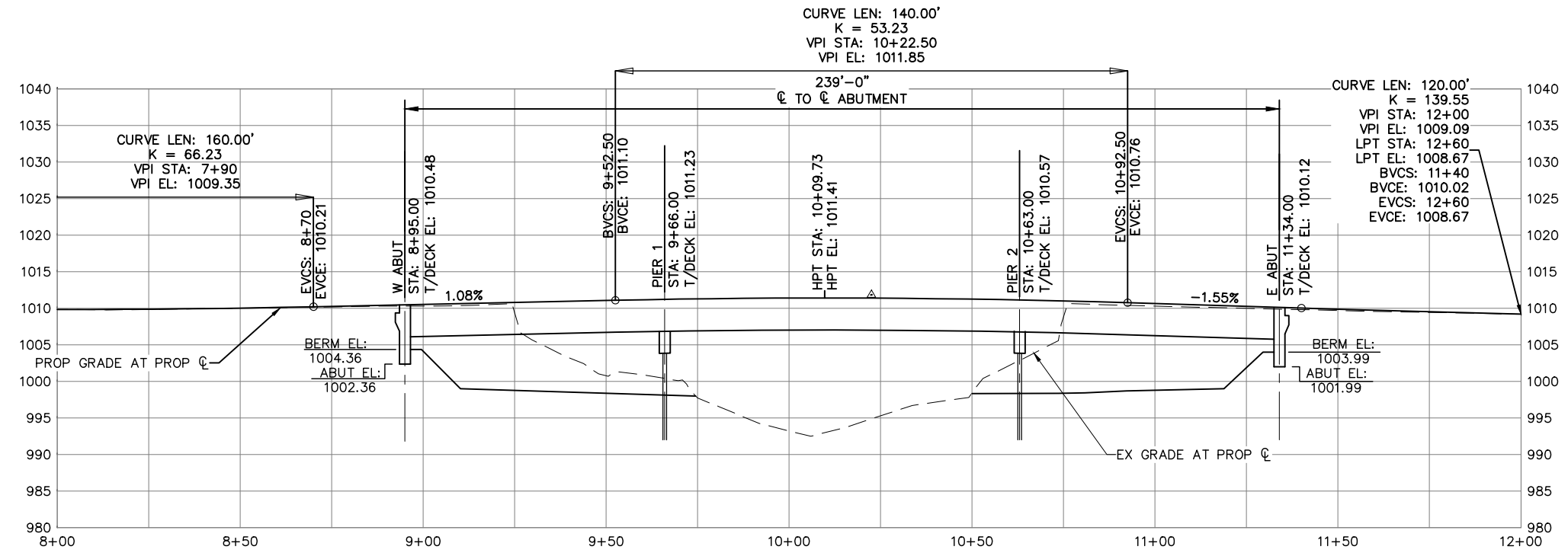
3 TRENCH END ANCHOR DETAIL
B.1 NOT TO SCALE

Design For
239' x 32' 0" SKEW PPCB BRIDGE
10TH ST SW OVER OTTER CREEK
 Station: 10+14.50
 71'-0" END SPANS 97'-0" CENTER SPAN

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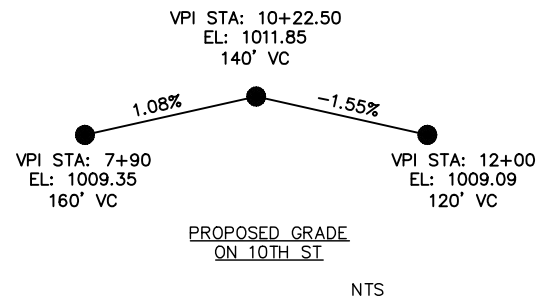
HORIZONTAL CONTROL				
POINT NO.	NORTHING	EASTING	ELEVATION	DESCRIPTION
510	3708869.88	5345101.91	1023.77	CONTROL POINT REBAR 5/8X24
511	3708918.18	5346755.80	1005.61	CONTROL POINT REBAR 3/8X18

LEGEND

REVETMENT DETAIL 3/B.1 EXTENTS

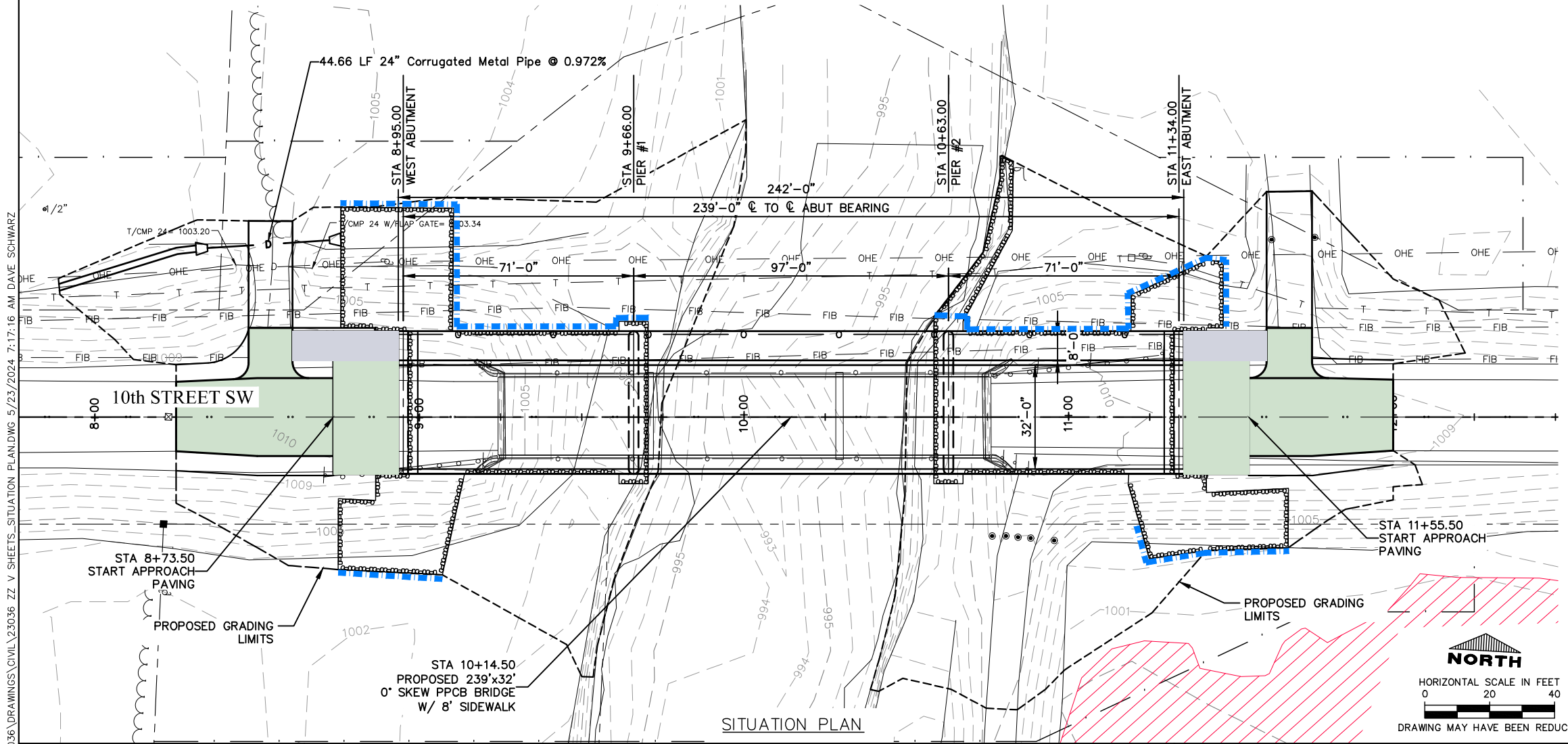
WETLANDS

VERTICAL SCALE IN FEET
 0 10 20
 DRAWING MAY HAVE BEEN REDUCED



FOR EROSION CONTROL INFORMATION, REFER TO EC SHEETS
 FOR SURVEY CONTROL AND ALIGNMENT INFORMATION, REFER TO G SHEETS
 FOR TEMPORARY AND PERMANENT EASEMENTS, REFER TO H SHEETS

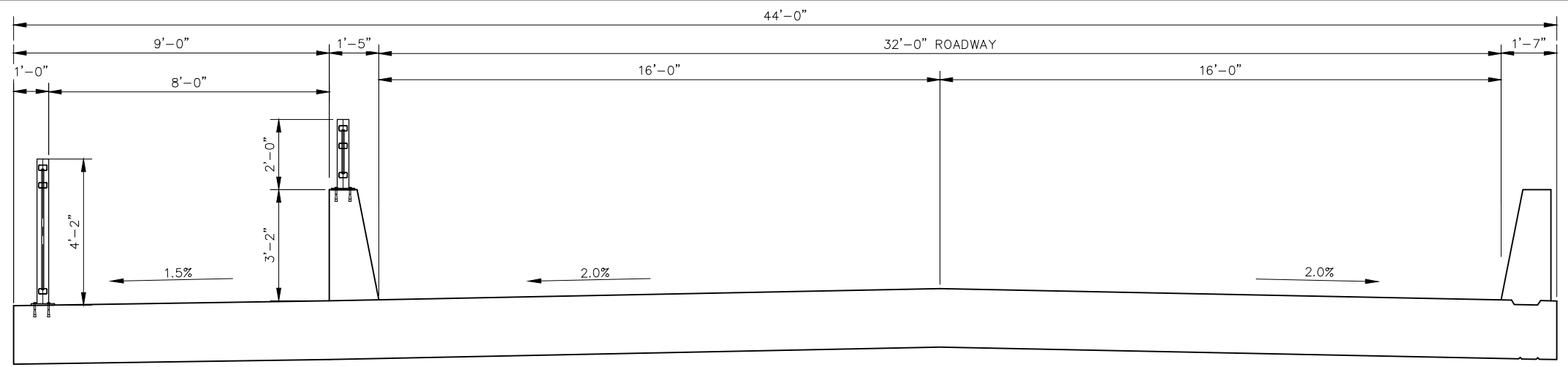
PROFILE



Design For
239' x 32' 0" SKEW PPCB BRIDGE
 10TH ST SW OVER OTTER CREEK
 Station: 10+14.50

71'-0" END SPANS 97'-0" CENTER SPAN

P:\23\036\DRAWINGS\CIVIL\23036_ZZ_V_SHEETS_SITUATION PLAN.DWG 5/23/2024 7:17:16 AM DAVE SCHWARZ



BRIDGE SECTION
NOT TO SCALE



BRIDGE RAILING EXAMPLE
OELWEIN, N. FREDERICK AVE NOT TO SCALE



BRIDGE RAILING EXAMPLE
SHELLSBURG, CANTON ST NOT TO SCALE



BRIDGE RAILING EXAMPLE
SHELLSBURG, CANTON ST NOT TO SCALE

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Design For
239' x 32' 0" SKEW PPCB BRIDGE
10TH ST SW OVER OTTER CREEK
 Station: 10+14.50
 71'-0" END SPANS 97'-0" CENTER SPAN

PROJECT UPDATE

May 23, 2024

10th Street Bridge over Otter Creek.

Origin Design Contact: Julie Neebel
 Phone: 563 556-2464
 Email: julie.neebel@origindesign.com



Presentation to City Council

Iowa DOT Coordination

- The \$1.5 million awarded as urban bridge funding can be used for construction costs.
- Project will need to follow federal requirements and be bid through the Iowa Department of Transportation (Iowa DOT).



Background

The existing bridge is 24 feet wide and 150 feet long. The existing bridge has 1.8' of backwater. The proposed bridge can only cause 1' of backwater in order to obtain the Iowa Department of Natural Resources (Iowa DNR) floodplain permit that is needed. The existing bridge causes more than 1' of backwater, which is why the proposed bridge needs to be longer than the existing.

Design Elements

- The attached plans show the proposed bridge and amount of roadway reconstruction. The proposed bridge is 239' long, 32' wide with an 8' sidewalk which sets up the structure to be in accordance with the trail plan. Proposing a metal railing similar to the railing on the North Frederick Bridge.
- Decide color of metal railing (green is similar to the North Frederick Bridge)
- Traffic will be detoured during construction.

Estimate of Probable Construction Cost

Please be aware that construction costs are subject to factors such as supply and demand, inflation and availability of labor which are beyond the control of the Engineer. The Engineer cannot, therefore, guarantee the accuracy of estimates of construction costs.

- New bridge, roadway and grading (2025 construction): \$2,500,000

Decisions Needed

- Acceptance of design as proposed to allow Iowa DNR permit submittal
- Color of railing

Project Schedule & tasks

- Iowa DNR Permit submittal (June 2024)

PROJECT UPDATE

- Iowa DNR permit review (approximately 3 months)
- Environmental Clearance needs to be obtained from the Iowa DOT before final plans can be submitted.
- Temporary construction easements acquired from property owners (prior to 1/21/2025)
- Utility coordination: ongoing
- Geotechnical investigation: prior to June 1, 2024
- Preliminary Plan submittal to Iowa DOT: June 2024
- Submit plans to Iowa DOT for review: December 3, 2024
- Public Hearing on Plans and Specifications: TBD council meeting
- Final Plan submittal to Iowa DOT for bidding: January 21, 2025
- Bid Letting through Iowa DOT: April 18, 2025
- Construction 2025 or 2026