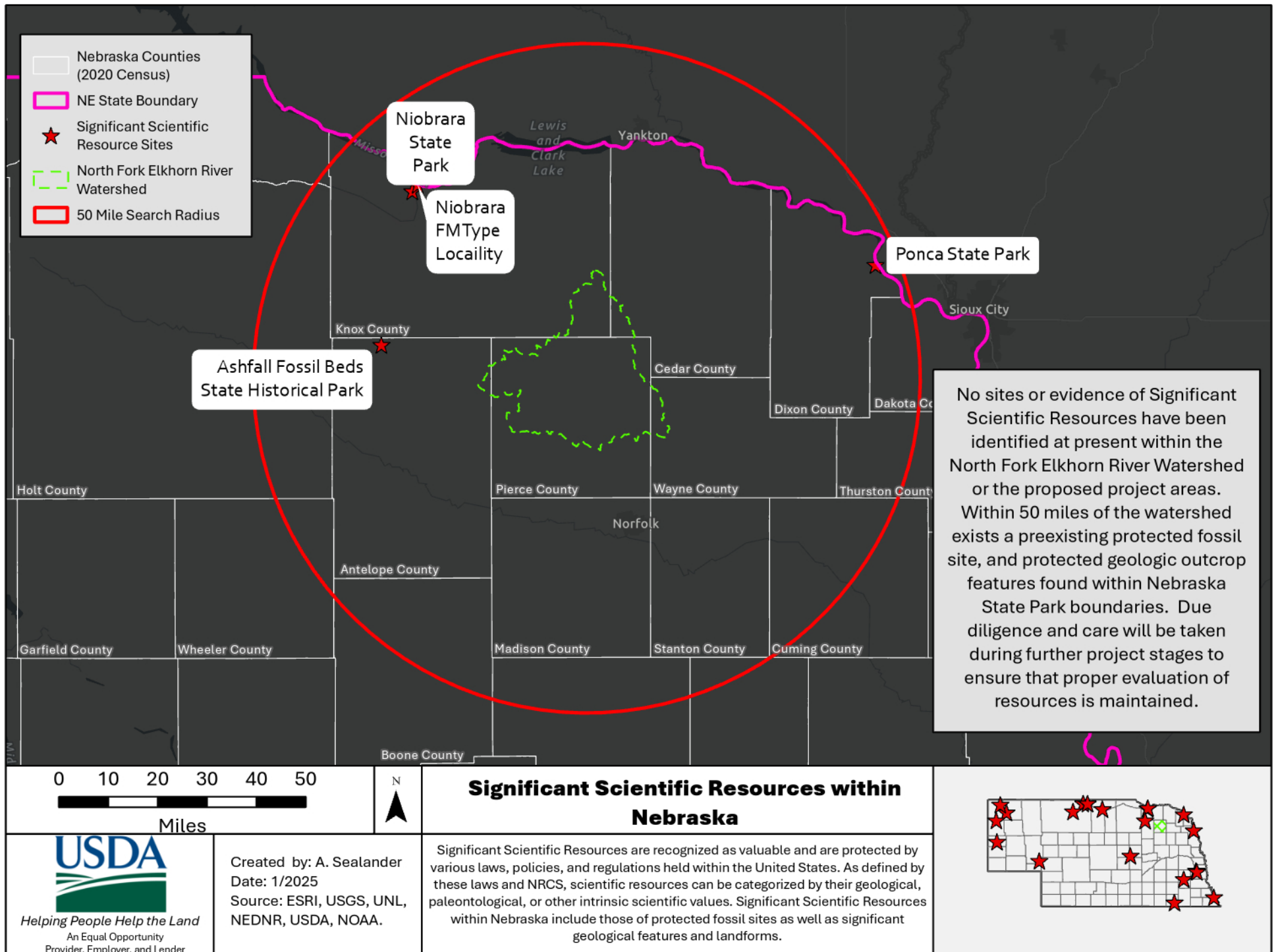
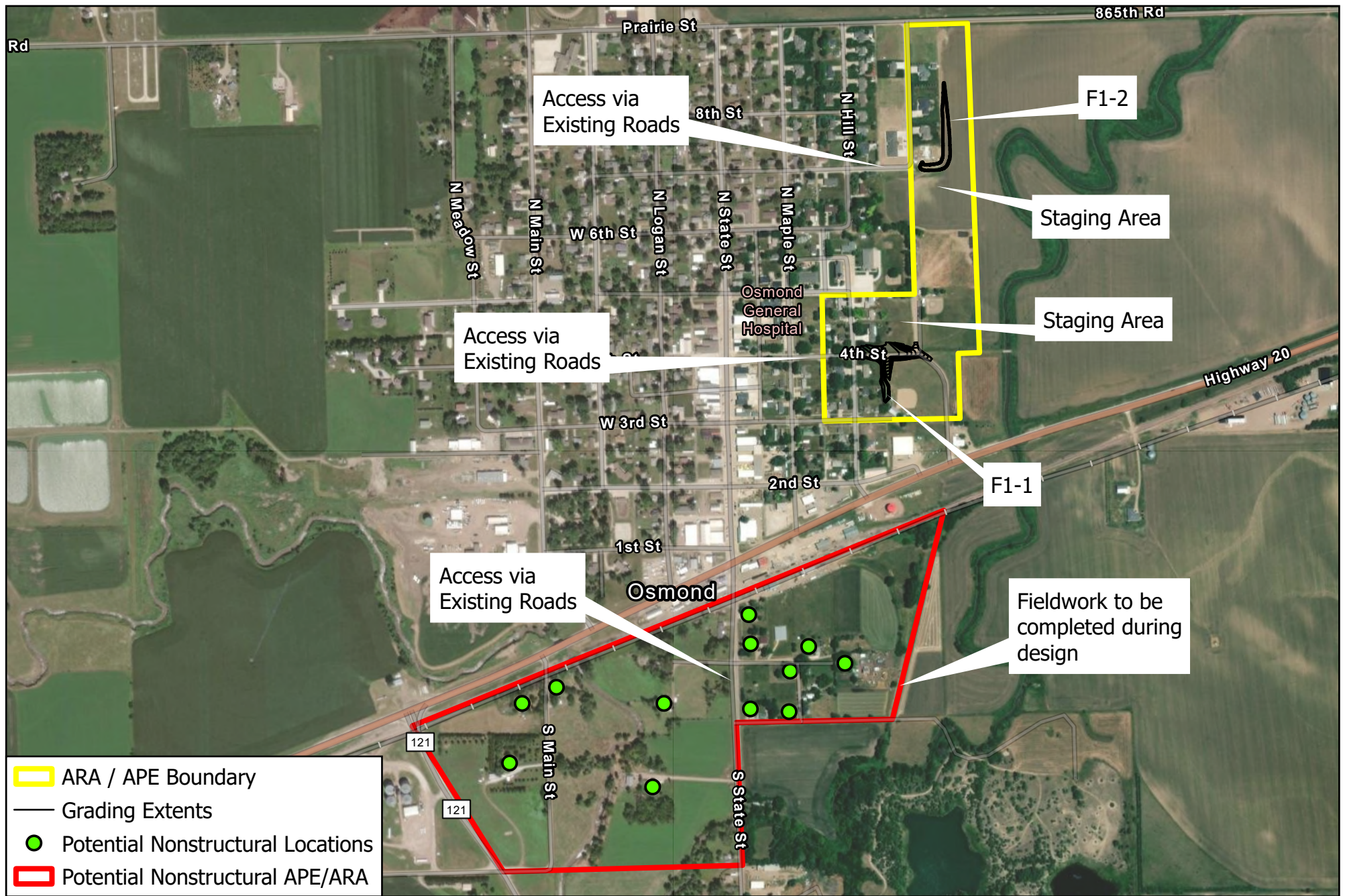


APPENDIX C: SUPPORT MAPS

LIST OF MAPS INCLUDED IN APPENDIX

- Resources of Scientific Value Map
- Affected Resource Area and Area of Potential Effect Maps
- Potential Borrow Site Map
- Pre-Project and Post-Project flooding depth and extent maps
 - 100-year flooding event
 - 500-year flooding event
- Conceptual Plans





Created By: DJV
 Date: 11/8/2024
 Software: ArcGIS Pro 3.3.2

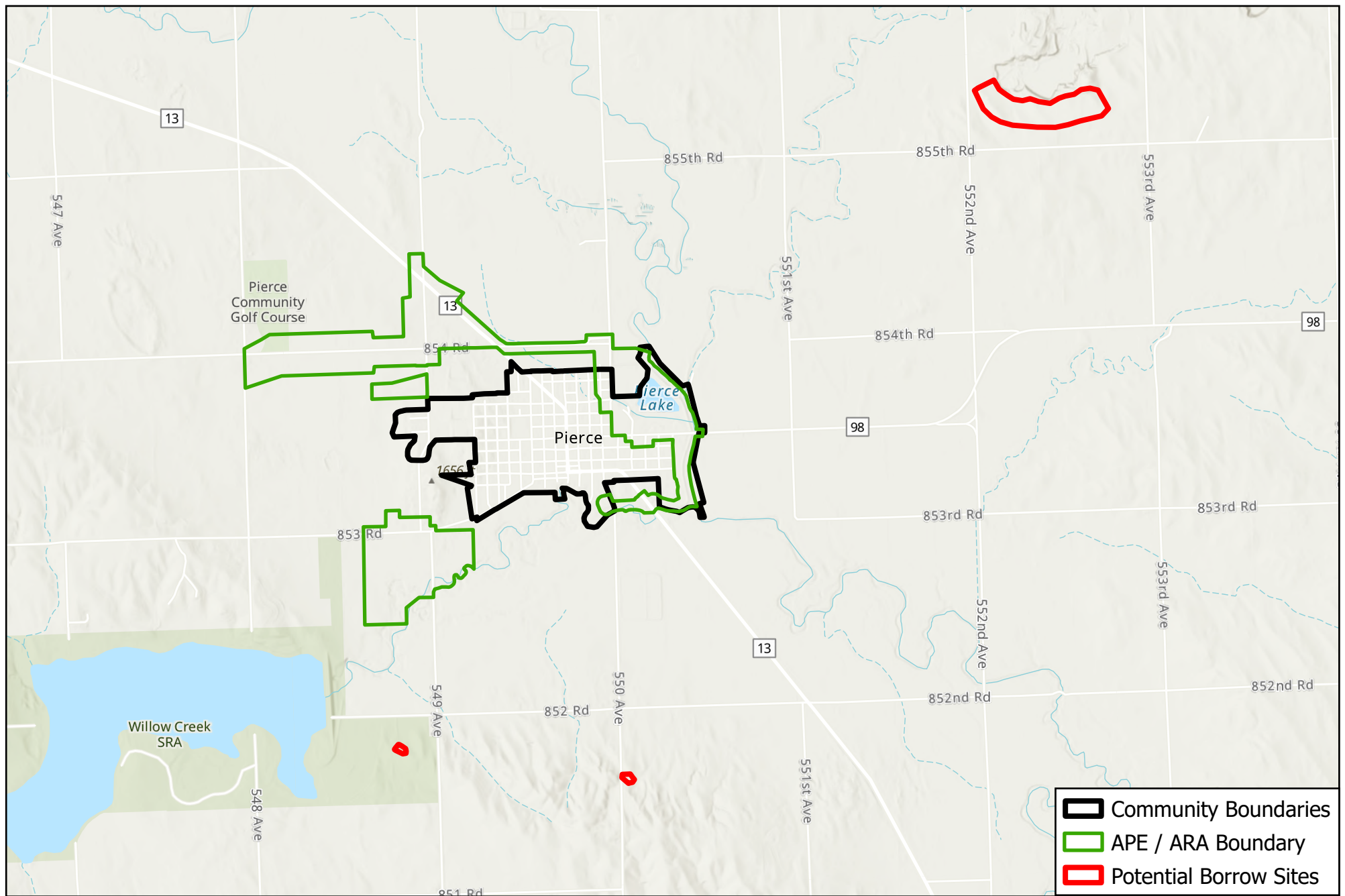
This map was prepared using information from record drawings supplied by JEO and/or other applicable city, county, federal, or public or private entities. JEO does not guarantee the accuracy of this map or the information used to prepare this map. This is not a scaled plot.

Osmond ARA & APE

North Fork Elkhorn River WFPO Plan-EA

1,000 500 0 Feet



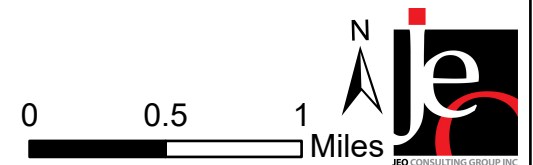


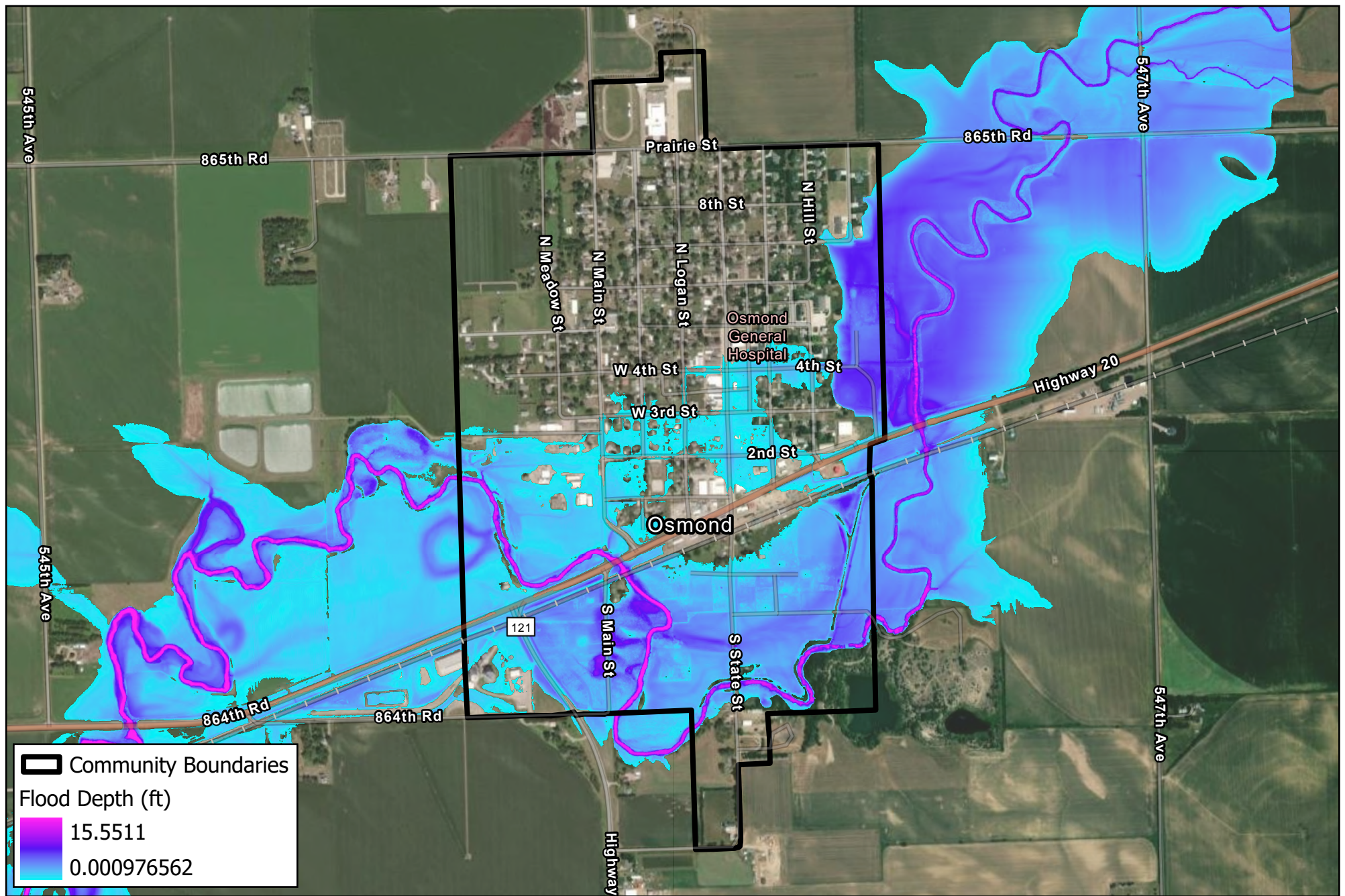
Created By: DJV
 Date: 11/8/2024
 Software: ArcGIS Pro 3.3.2

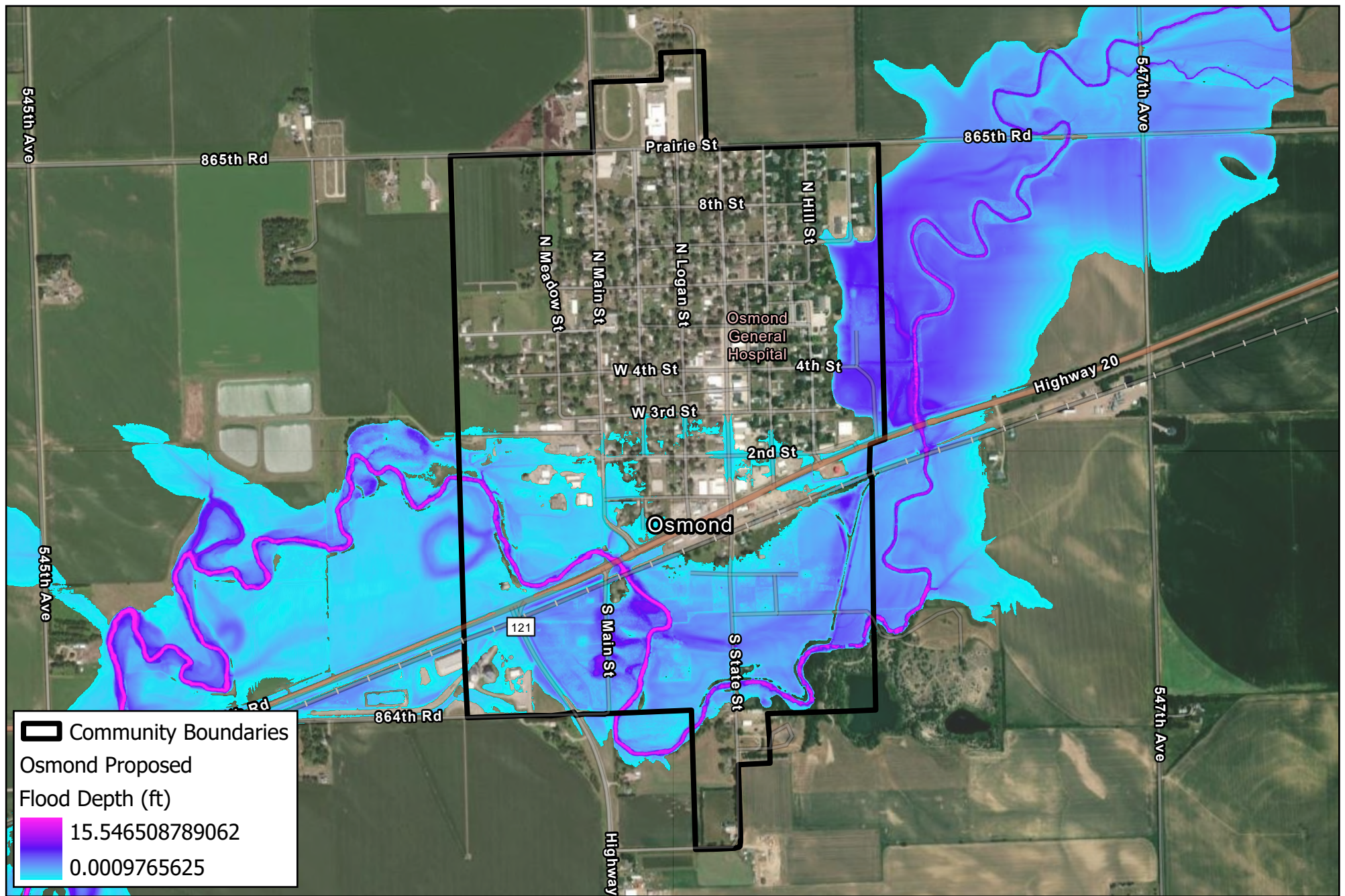
This map was prepared using information from record drawings supplied by JEO and/or other applicable city, county, federal, or public or private entities. JEO does not guarantee the accuracy of this map or the information used to prepare this map. This is not a scaled plot.

Potential Borrow Sites

North Fork Elkhorn River WFPO Plan-EA







Created By: DJV
 Date: 10/3/2024
 Software: ArcGIS Pro 3.3.2

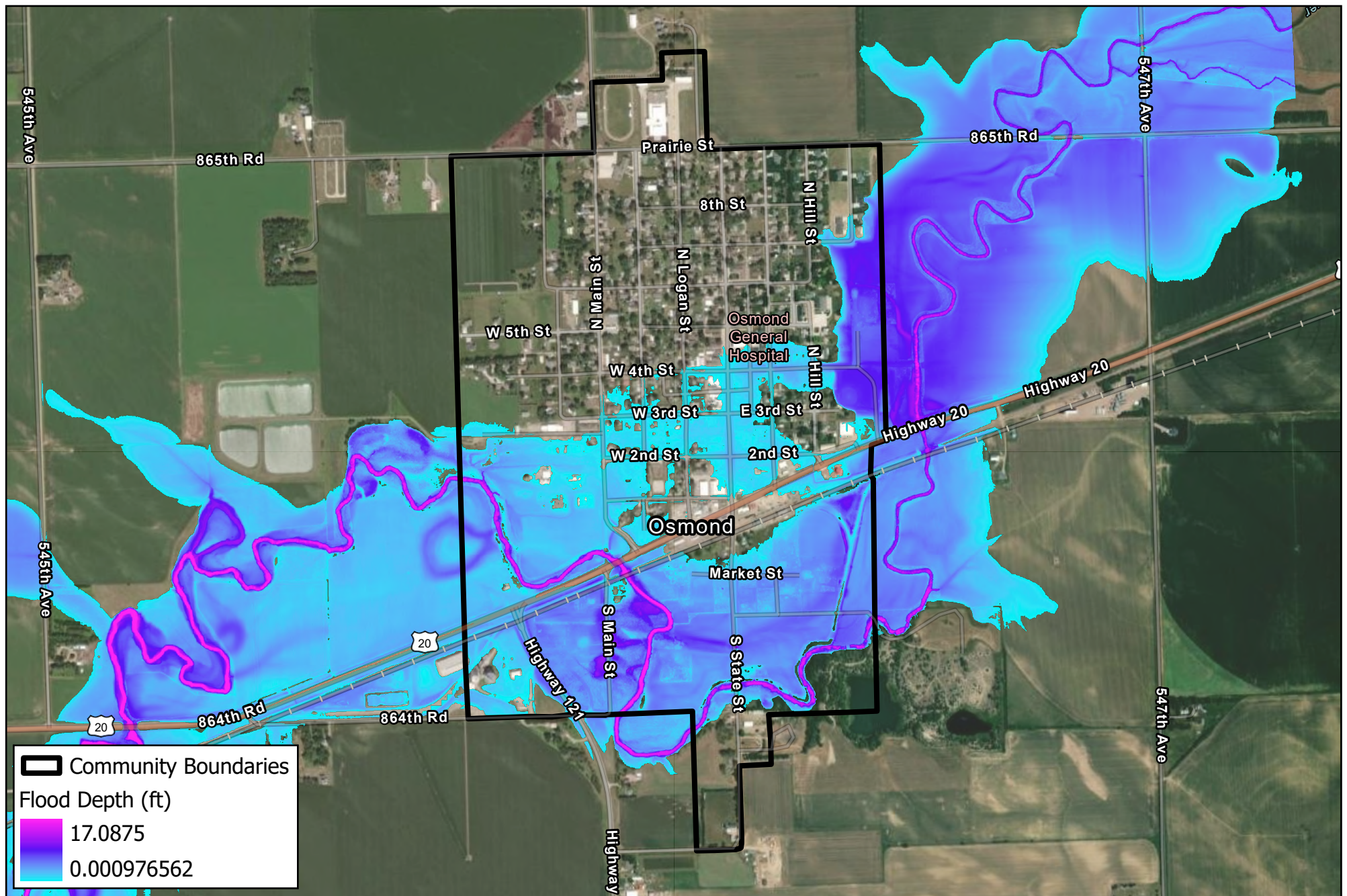
This map was prepared using information from record drawings supplied by JEO and/or other applicable city, county, federal, or public or private entities. JEO does not guarantee the accuracy of this map or the information used to prepare this map. This is not a scaled plot.

Osmond: 100-Year Proposed Flood

North Fork Elkhorn River WFPO Plan-EA

0.25 0.13 0 Miles





Created By: DJV
 Date: 10/3/2024
 Software: ArcGIS Pro 3.3.2

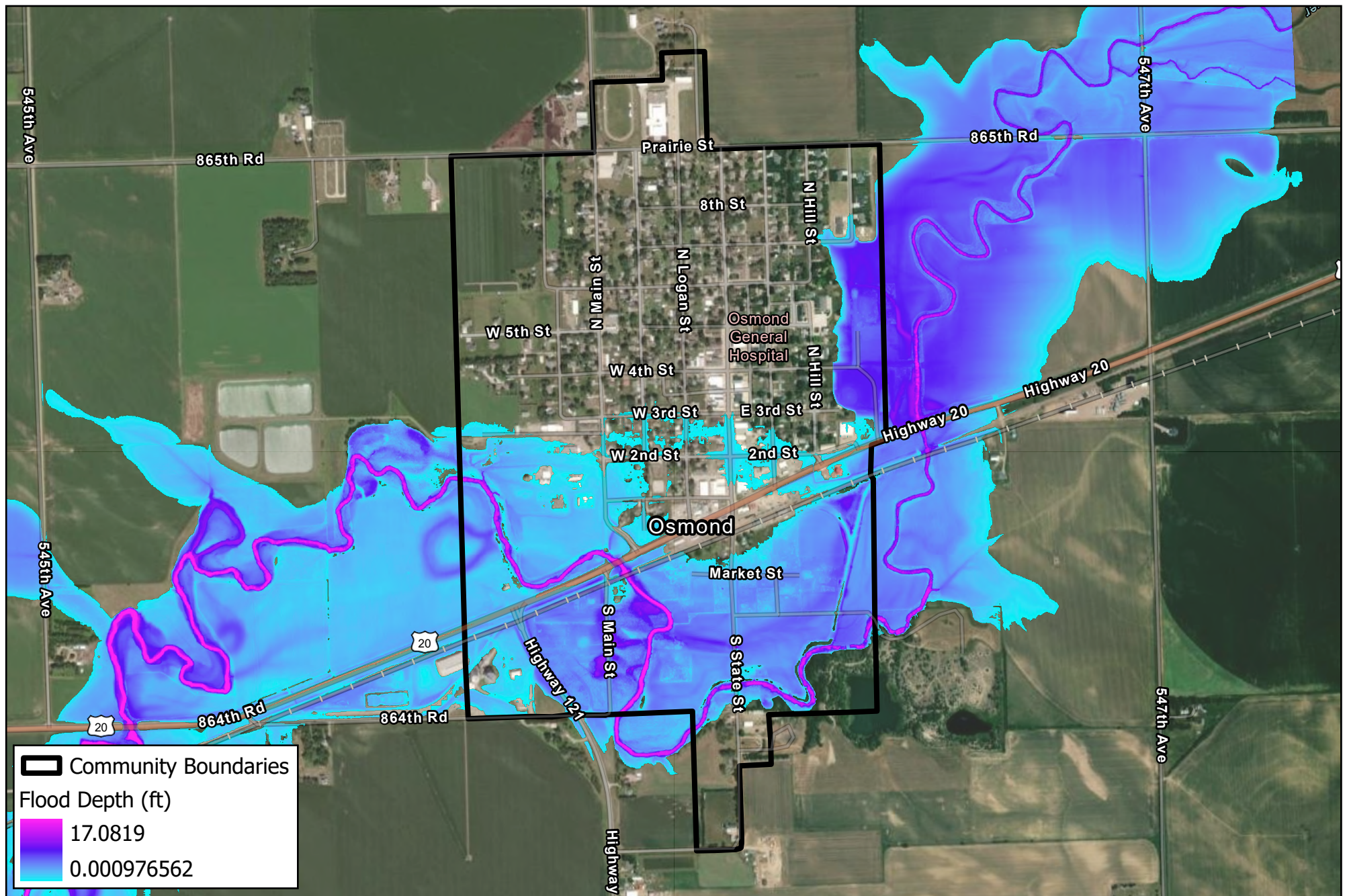
This map was prepared using information from record drawings supplied by JEO and/or other applicable city, county, federal, or public or private entities. JEO does not guarantee the accuracy of this map or the information used to prepare this map. This is not a scaled plot.

Osmond: 500-Year Existing Flood

North Fork Elkhorn River WFPO Plan-EA

0.25 0.13 0 Miles





Created By: DJV
 Date: 10/3/2024
 Software: ArcGIS Pro 3.3.2

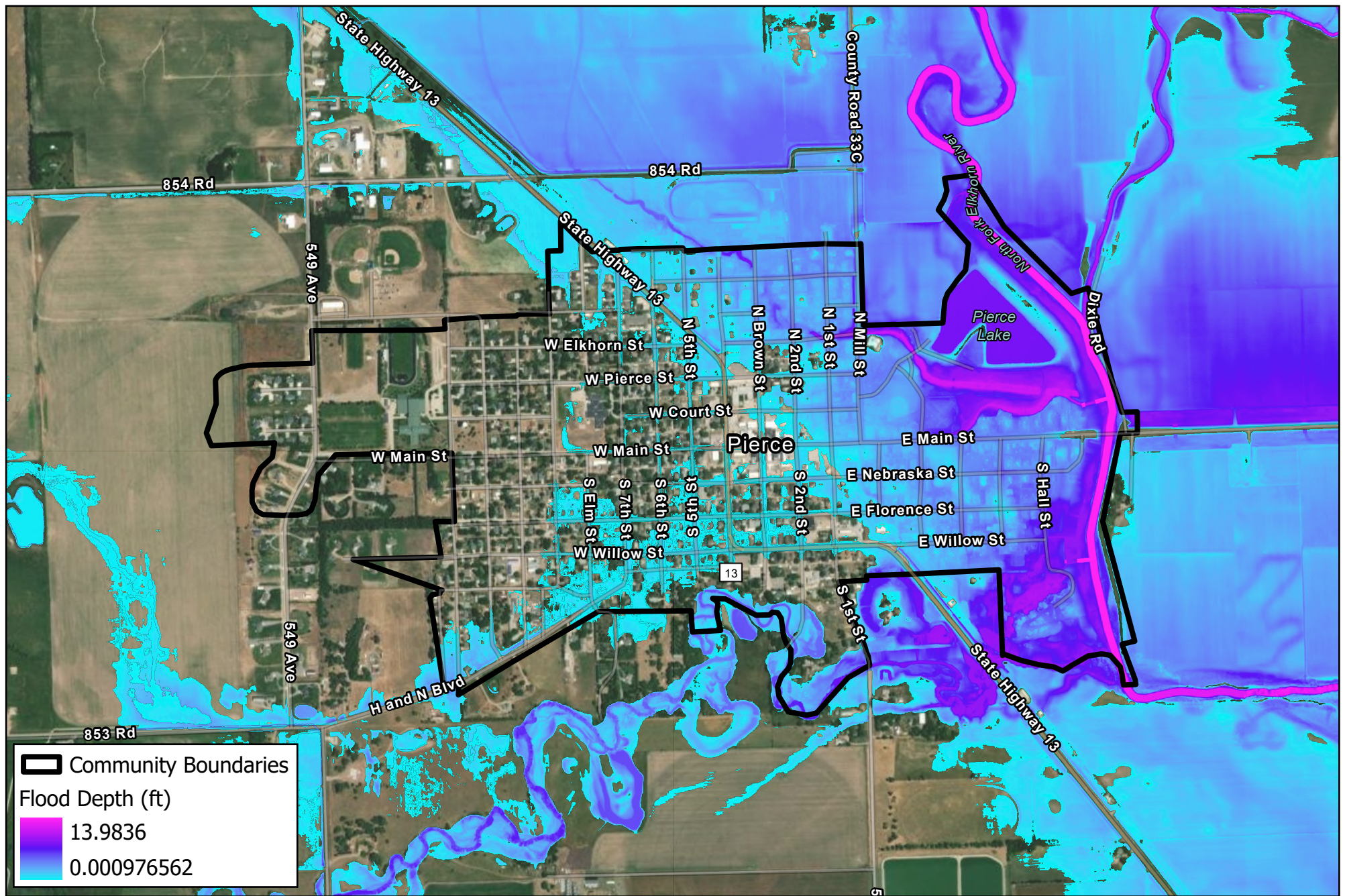
This map was prepared using information from record drawings supplied by JEO and/or other applicable city, county, federal, or public or private entities. JEO does not guarantee the accuracy of this map or the information used to prepare this map. This is not a scaled plot.

Osmond: 500-Year Proposed Flood

North Fork Elkhorn River WFPO Plan-EA

0.25 0.13 0 Miles





Created By: DJV
 Date: 10/3/2024
 Software: ArcGIS Pro 3.3.2

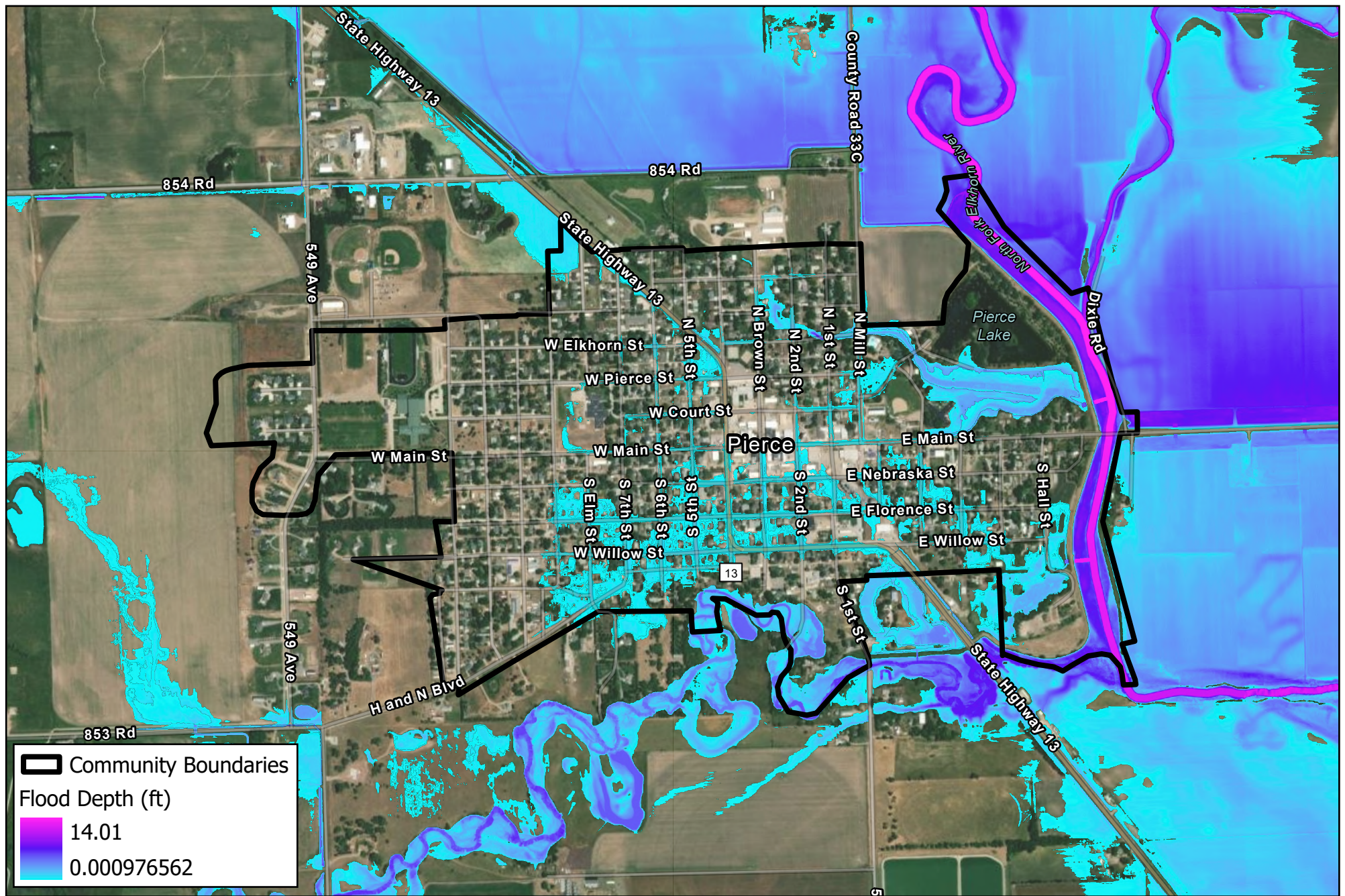
This map was prepared using information from record drawings supplied by JEO and/or other applicable city, county, federal, or public or private entities. JEO does not guarantee the accuracy of this map or the information used to prepare this map. This is not a scaled plot.

Pierce: 100-Year Existing Flood

North Fork Elkhorn River WFPO Plan-EA

0.3 0.15 0 Miles





Created By: DJV
Date: 10/3/2024
Software: ArcGIS Pro 3.3.2

This map was prepared using information from record drawings supplied by JEO and/or other applicable city, county, federal, or public or private entities. JEO does not guarantee the accuracy of this map or the information used to prepare this map. This is not a scaled plot.

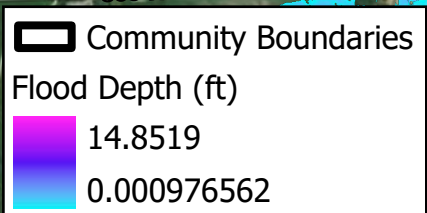
Pierce: 100-Year Proposed Flood

North Fork Elkhorn River WFPO Plan-EA

0.25 0.13 0 Miles



JEO CONSULTING GROUP INC.

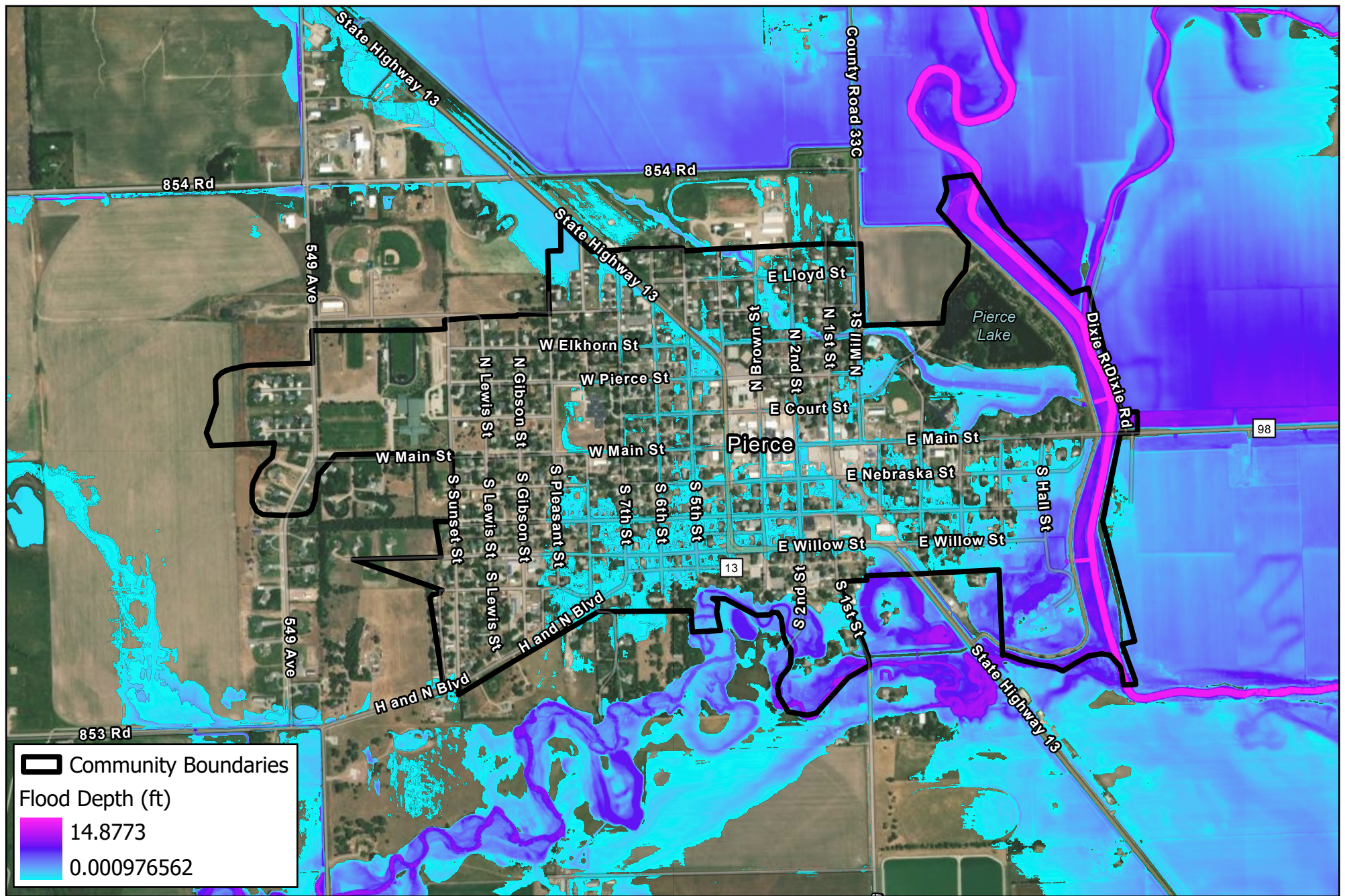


This map was prepared using information from record drawings supplied by JEO and/or other applicable city, county, federal, or public or private entities. JEO does not guarantee the accuracy of this map or the information used to prepare this map. This is not a scaled plat.

Pierce: 500-Year Existing Flood

North Fork Elkhorn River WFPO Plan-EA





Created By: DJV
Date: 10/3/2024
Software: ArcGIS Pro 3.3.2

This map was prepared using information from record drawings supplied by JEO and/or other applicable city, county, federal, or public or private entities. JEO does not guarantee the accuracy of this map or the information used to prepare this map. This is not a scaled plot.

Pierce: 500-Year Proposed Flood

North Fork Elkhorn River WFPO Plan-EA

0.25 0.13 0 Miles



F1-1: 4TH STREET FLOOD REDUCTION OSMOND, NEBRASKA

FOR THE 2024 NORTH FORK ELKHORN RIVER WFPO WATERSHED PLAN

OWNER:

NAME: **CONTACT INFO:**

NAME COMPANY: LOWER ELKHORN NATURAL RESOURCES DISTRICT
PHONE: 402.371.7313
EMAIL: LENRD@LENRD.ORG

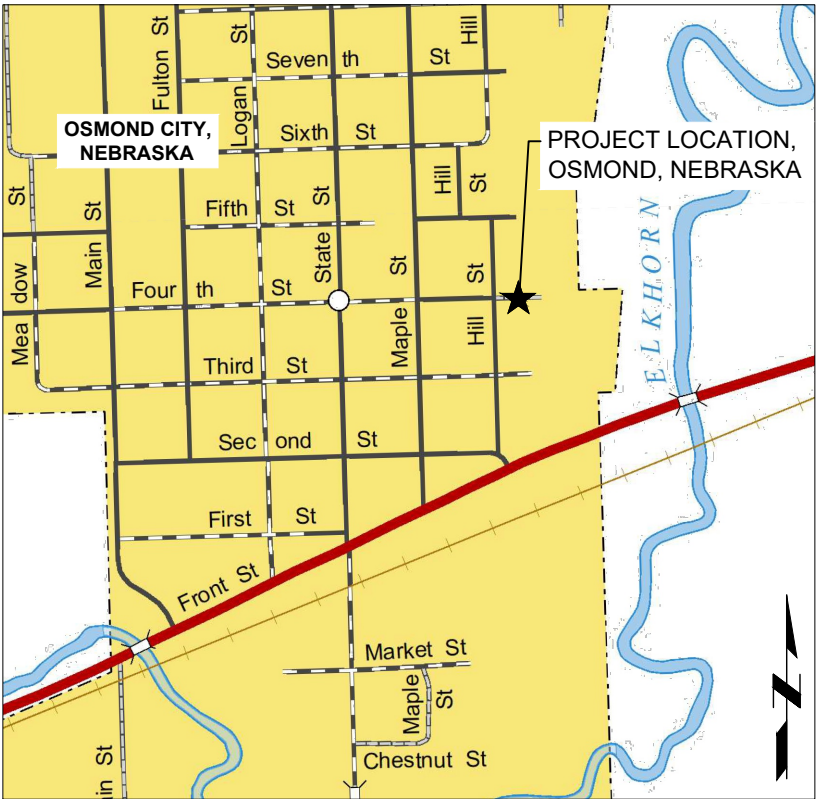
ENGINEER:

SUBMITTING ORGANIZATION JEO CONSULTING GROUP, INC.
1937 N CHESTNUT ST, WAHOO, NE 68066
P: 800.723.8567
CERTIFICATE OF AUTHORIZATION NO.: CA-0069

COORDINATING PROFESSIONAL NAME
JEO CONSULTING GROUP, INC.
LOCAL OFFICE ADDRESS
CITY, STATE ZIP
P: 402.474.8751
EMAIL: RLAWRENCE@JEO.COM

INDEX OF SHEETS:

SHEET NO:	SHEET NAME:
C0.1	COVER SHEET
C0.2	SYMBOLS SHEET
C0.3	OVERALL PROJECT VICINITY MAP
C2.1	PROPOSED SITE PLAN
PP1.1 - PP1.2	PLAN & PROFILES



LOCATION MAP
SCALE: 1" = 500'



Know what's below.
Call before you dig.

ALL SITE PLAN INFORMATION
IS BASED UPON
US SURVEY FEET (sFT)



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Organization Certificate of
Authorization Number: CA-0069

F1-1: 4TH STREET FLOOD REDUCTION
OSMOND, NEBRASKA

COVER SHEET

PRELIMINARY
NOT FOR
CONSTRUCTION
0%
DATE:
1/16/2025
PRELIMINARY

PROJECT NO. 201302.00
DATE 1/16/2025
DRAWN BY T.R.W.
FILE NAME S-201302.00-Osmond.dwg
FIELD BOOK
FIELD CREW
SURVEY FILE NO.
PLAN IN HAND
INITIALS
DATE
70 PERCENT REVIEW
INITIALS
DATE
95 PERCENT REVIEW
INITIALS
DATE
REVISIONS

C0.1

ITEM	SYMBOL	
BREAK LINE		
CABLE TELEVISION		
CABLE TV (NS)		
CENTERLINE OF ROAD		
CONTOUR MINOR (EX)		
CONTOUR MAJOR (EX)		
CONTOUR MINOR (EX,SCREENED)		
CONTOUR MAJOR (EX,SCREENED)		
CONTOUR MINOR (PR)		
CONTOUR MAJOR (PR)		
LIMITS OF CONSTRUCTION		
CULVERT		
ELECTRIC (OVHD)		
ELECTRIC (OVHD, NS)		
ELECTRIC (UGND)		
ELECTRIC (UGND, NS)		
FENCE (WOODEN)		
FENCE (WIRE OR UNKNOWN)		
FENCE (CHAINLINK)		
FENCE (SECURITY)		
FIBER OPTIC LINE		
FIBER OPTIC LINE (NS)		
FLOWLINE (BREAKLINE)		
GAS LINE		
GAS LINE (NS)		
GUARDRAIL		
PROPERTY BOUNDARY		
PROPERTY LOT LINES (PR)		
PROPERTY LINES (EX,NS)		
RIGHT-OF-WAY LINE		
RAILROAD RIGHT-OF-WAY		
RAILROAD TRACKS		
RETAINING WALL		
SANITARY SEWER (EX)		
SANITARY SEWER (NS)		
SANITARY SEWER (PR)		
SAN SEWER FORCE MAIN (EX)		
SAN SEWER FORCE MAIN (PR)		
STORM SEWER (EX)		
STORM SEWER (NS)		
STORM SEWER (PR)		
TELEPHONE LINE (UGND)		
TELEPHONE LINE (UGND,NS)		
TELEPHONE LINE (OVHD)		
TELEPHONE LINE (OVHD,NS)		
TERRACE		
CROPLINE		
TRAVELED WAY		
WATER (EX)		
WATER (NS)		
WATER (PR)		
FIRE SERVICE		
EXISTING	EX	
EXISTING, NOT-SURVEYED	NS	
PROPOSED	PR	
OVERHEAD	OVHD	
UNDERGROUND	UGND	

ITEM	HATCH
ASPHALT PAVEMENT (EX.)	
CONCRETE PAVEMENT (EX.)	
GRAVEL (EX.)	
BRICK PAVEMENT (EX.)	
ASPHALT PAVEMENT (PR.)	
CONCRETE PAVEMENT (PR.)	
CONCRETE SIDEWALK (PR)	
GRAVEL (PR.)	
BRICK PAVEMENT (PR.)	
RIP RAP	
SEEDING	
MATTING	
UNDISTURBED EARTH	
EARTH	
GRANULAR FILL	
SAND MORTAR, PLASTER	
CONCRETE	
BRICK	
CONCRETE BLOCK	
METAL	
WOOD FRAMING	
WOOD FRAMING INTERRUPTED MEMBER	
BATT INSULATION	
RIGID INSULATION	

ITEM	SYMBOL
STORM SEWER	
CURB INLET	
GRATE INLET	
CATCH BASIN	
STORM SEWER MANHOLE	
SANITARY	
CLEANOUT	
SEPTIC TANK	
SANITARY MANHOLE	
POWER, ELECTRICAL, LIGHT, AND TRAFFIC	
AIR CONDITIONING UNIT	
ANTENNA	
ANCHOR POLE/POST	
GUY POLE	
GUY WIRE ANCHOR	
ELECTRICAL HIGHLINE TOWER (METAL OR CONCRETE)	
POWER POLE (EXISTING)	
POWER POLE (PROPOSED)	
POWER (ELEC) PEDESTAL	
POWER (ELEC) PULL BOX OR MANHOLE	
POWER (ELEC) METER	
LIGHT POLE	
TRAFFIC SIGNAL	
TRAFFIC SIGNAL BOX	
TELEVISION PEDESTAL	
TELEVISION MANHOLE	
WATER	
WATER MANHOLE	
WATER VALVE	
WATER SHUT OFF OR CURB STOP	
WELL	
WATER METER	
WATER METER PIT	
YARD HYDRANT	
WATER ELEVATION	
WATER TOWER	
FIRE HYDRANT (EXISTING)	
FIRE HYDRANT (PROPOSED)	
FIRE HYDRANT IN PROFILE	
WATER FITTINGS	
11- 1/4"	
22- 1/2"	
46"	
90°	
CROSS	
PLUG	
REDUCER	
TEE	
GAS	
GAS METER	
GAS MANHOLE	
GAS FILL PIPE	
GAS PUMP	
GAS VALVE	
GAS VENT	
TELEPHONE	
FIBER OPTICS PULL BOX	
TELEPHONE POLE	
TELEPHONE PULL BOX OR MANHOLE	
TELEPHONE PEDESTAL	
MANHOLE (NON-SPECIFIC)	
UNDERGRND STORAGE TANK	
VALVE (NON-SPECIFIC)	

ITEM	SYMBOL
SIGN	
BARRICADE	
ROAD SIGNS	
COUNTY ROAD	
INTERSTATE HIGHWAY	
STATE HIGHWAY	
U.S. HIGHWAY	
MILE MARKER POST	
RIGHT OF WAY MARKER	
RAILROAD CROSSING SIGNAL	
RAILROAD SWITCH	
FLAG POLE	
MAILBOX	
PROPANE TANK	
SATELLITE TV DISH	
WINDMILL	

ITEM	SYMBOL
BENCHMARK	
CONTROL POINT (NON-PROPERTY)	
MONUMENT FOUND (PROPERTY)	
MONUMENT SET	
TEMPORARY POINT	
TEST BORING	
POINT ELEVATION (EXISTING)	× 0.00
POINT ELEVATION (PROPOSED)	
TOP OF PAVEMENT	TP
TOP OF CURB	TC
GROUND	GR
TOP OF WALL	TW
BOTTOM OF WALL	BW
FLOWLINE	FL
GRID TICK	+

ITEM	SYMBOL
CENTER PIVOT	
CEMETERY	
GRAVE	
CHURCH	
CAVE	
CISTERN	
LATRINE	
OIL WELL	
GUARD POST	

ITEM	SYMBOL
EXISTING PAVEMENT JOINT	----
TRANSVERSE JOINT	-----
LONGITUDINAL JOINT	— — — — —
EXPANSION/KEYED JOINT	++++++
PAVEMENT MARKING	=====
PAVEMENT REBAR	=====
HANDICAP SYMBOL	&

ITEM	SYMBOL
BUSH	
CONIFEROUS TREE	
DECIDUOUS TREE	
MARSH/WETLAND	
TREE MASS LINE	
TREE STUMP	

ITEM	SYMBOL
SILT FENCE	
INLET PROTECTION	
STRAW WATTLE CHECK	
STRAW BALE CHECK	
FLOW ARROW (PLAN)	
AREA INLET FILTER PROTECTION	

ITEM	SYMBOL
PLAN REVISION	
NORTH ARROW	
GRAPHIC SCALE PLAN	GRAPHIC SCALE UNIT OF MEASURE IS FEET
GRAPHIC SCALE PROFILE/ CROSS SECTION	
KEYNOTE OR TABULAR NOTE	
REFERENCED NOTE	
ELEVATION	
SECTION	
ENLARGED DETAIL	



SYMBOLS SHEET

PRELIMINARY
NOT FOR
CONSTRUCTION
0%
DATE:
1/16/2025
PRELIMINARY

PROJECT NO. 201302.00
DATE 1/16/2025
DRAWN BY T.R.W.
FILE NAME S-201302.00-Osmond.dwg
FIELD BOOK
FIELD CREW
SURVEY FILE NO.
PLAN IN HAND
INITIALS
DATE
70 PERCENT REVIEW
INITIALS
DATE
95 PERCENT REVIEW
INITIALS
DATE
REVISIONS



NOTE:
PROPERTY LINES SHOWN ARE
APPROXIMATE AND TAKEN FROM
2018 GIS PIERCE COUNTY ASSESSOR.



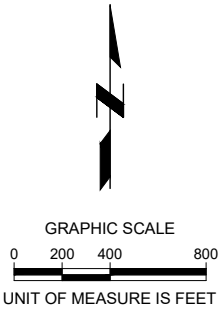
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Organization Certificate of
Authorization Number: CA-0069

**F1-1: 4TH STREET FLOOD REDUCTION
OSMOND, NEBRASKA**

OVERALL PROJECT VICINITY MAP

PRELIMINARY
NOT FOR
CONSTRUCTION
0%
DATE:
1/16/2025
PRELIMINARY

PROJECT NO. 201302.00
DATE 1/16/2025
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INITIALS
DATE
95 PERCENT REVIEW
INITIALS
DATE
REVISIONS



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\\pierce\p\proj\201302\00 - Lower Osmond\NPK\NPK.dwg User: T.R.W. Date: 1/16/2025 11:41 AM



EARTHWORK TABLE	
CUT	FILL
0 CY	6,130 CY



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Authorization Number: CA-0069

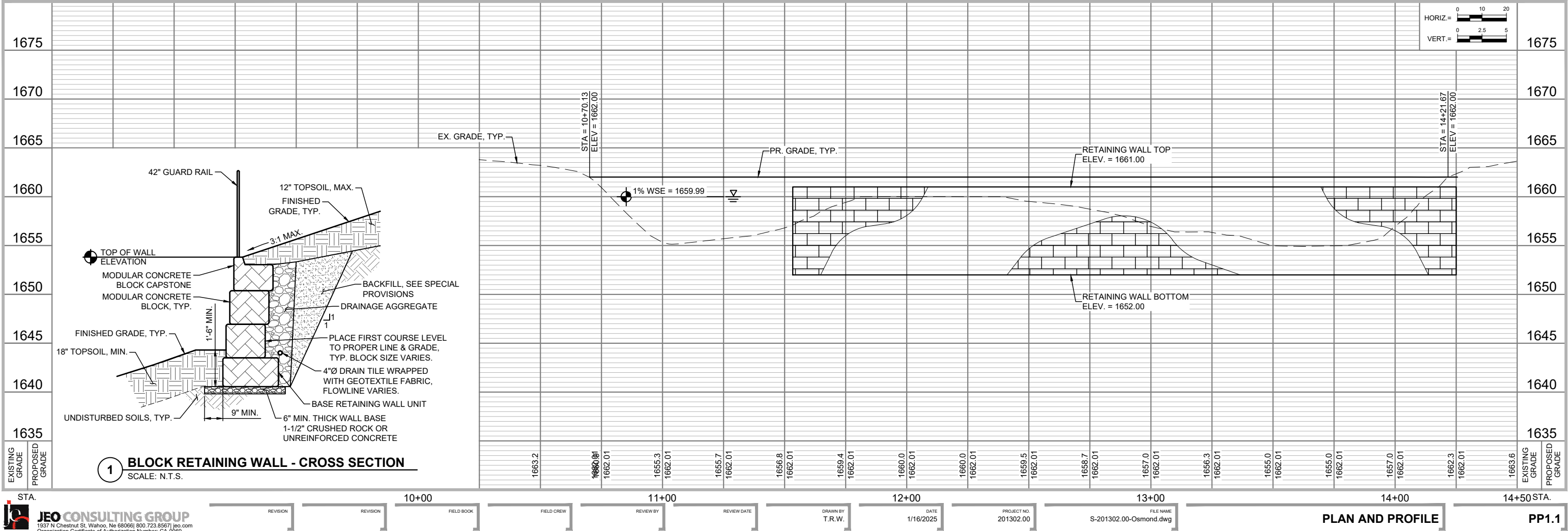
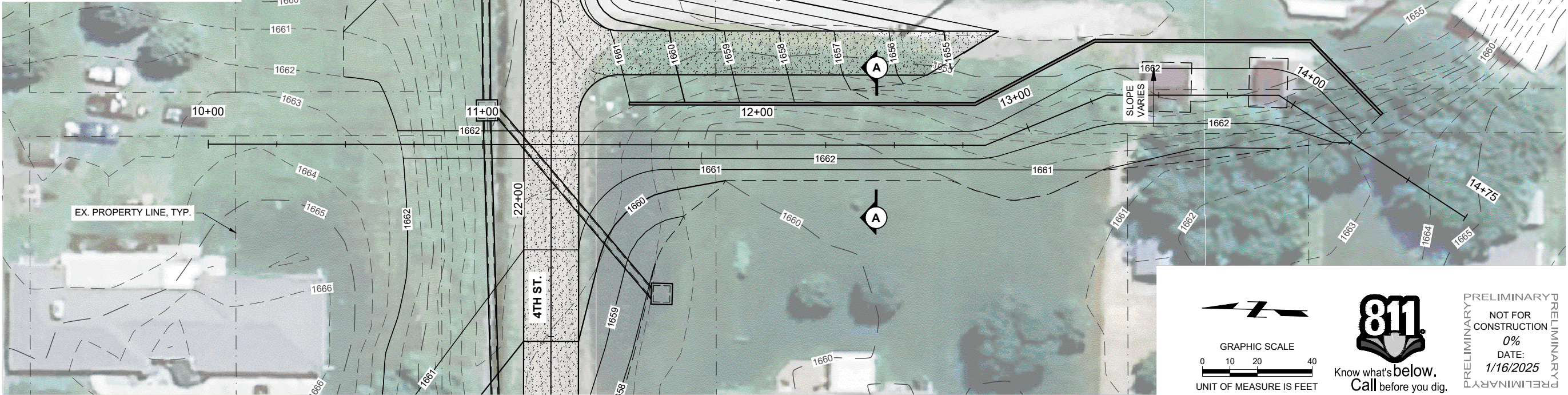
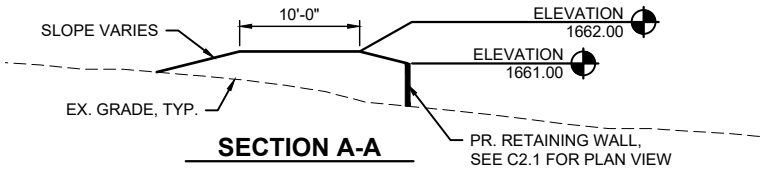
**F1-1: 4TH STREET FLOOD REDUCTION
OSMOND, NEBRASKA**

**PROPOSED SITE
AND GRADING PLAN**

PRELIMINARY
NOT FOR
CONSTRUCTION
0%
DATE:
1/16/2025
PRELIMINARY

PROJECT NO. 201302.00
DATE 1/16/2025
DRAWN BY T.R.W.
FILE NAME S-201302.00-Osmond.dwg
FIELD BOOK
FIELD CREW
SURVEY FILE NO.
PLAN IN HAND
INITIALS
DATE
70 PERCENT REVIEW
INITIALS
DATE
95 PERCENT REVIEW
INITIALS
DATE
REVISIONS

F1-1: 4TH STREET FLOOD REDUCTION
OSMOND, NEBRASKA



F1-1: 4TH STREET FLOOD REDUCTION, OSMOND, NEBRASKA

4TH ST.

HILL ST.

N PK ST.

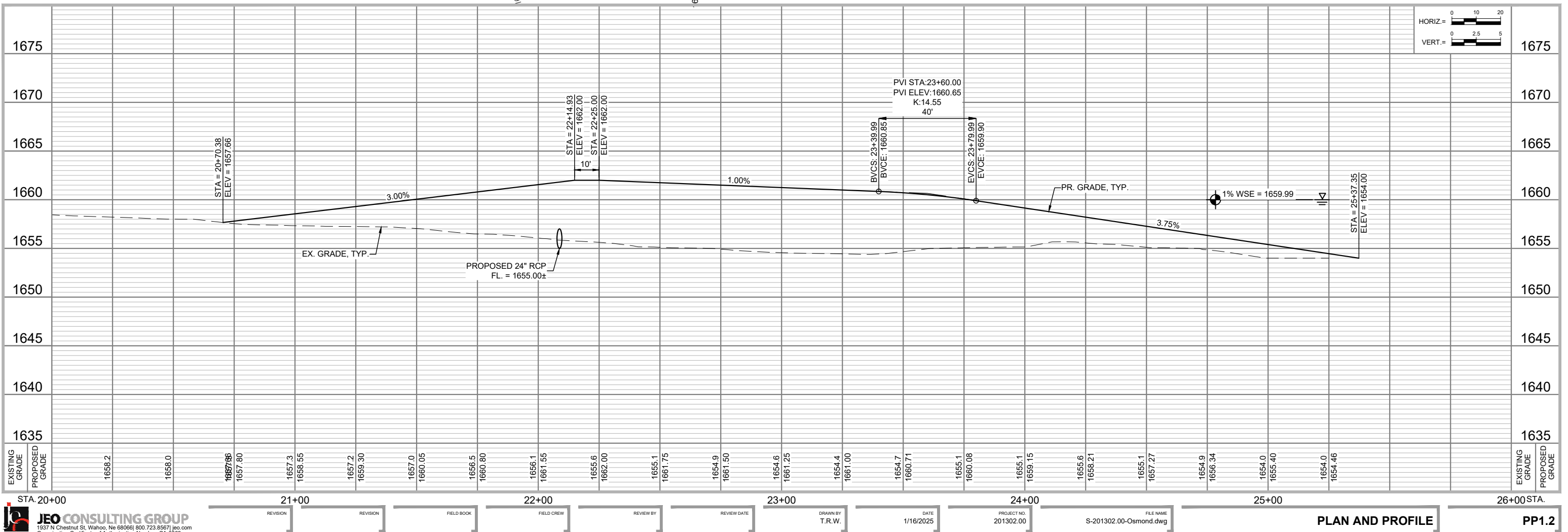
20+00 21+00 22+00 23+00 24+00 25+00 25+50

EX. PROPERTY LINE, TYP.

GRAPHIC SCALE
0 10 20 40
UNIT OF MEASURE IS FEET

811
Know what's below.
Call before you dig.

PRELIMINARY
NOT FOR CONSTRUCTION
0%
DATE: 1/16/2025



F1-2: NORTHEAST FLOOD REDUCTION OSMOND, NEBRASKA

FOR THE 2024 NORTH FORK ELKHORN RIVER WFPO WATERSHED PLAN

OWNER:

NAME: CONTACT INFO:

NAME COMPANY: LOWER ELKHORN NATURAL RESOURCES DISTRICT
PHONE: 402.371.7313
EMAIL: LENRD@LENRD.ORG

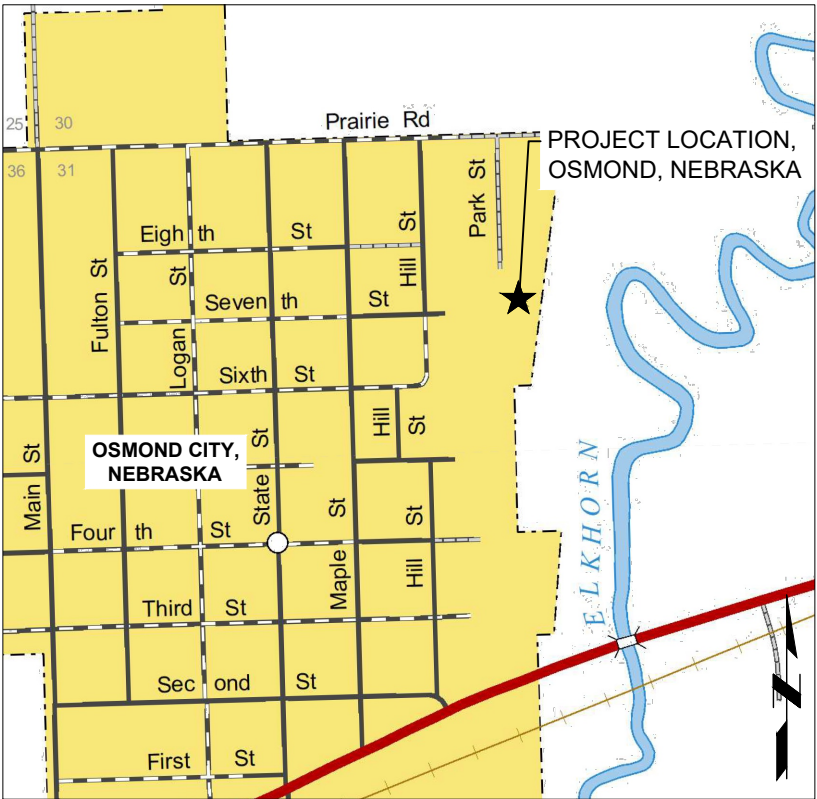
ENGINEER:

SUBMITTING ORGANIZATION JEO CONSULTING GROUP, INC.
1937 N CHESTNUT ST, WAHOO, NE 68066
P: 800.723.8567
CERTIFICATE OF AUTHORIZATION NO.: CA-0069

COORDINATING PROFESSIONAL NAME
JEO CONSULTING GROUP, INC.
LOCAL OFFICE ADDRESS
CITY, STATE ZIP
P: 402.474.8751
EMAIL: RLAWRENCE@JEO.COM

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C2.1	PROPOSED SITE PLAN
PP1.1 - PP1.2	PLAN & PROFILES



LOCATION MAP
SCALE: 1" = 500'



ALL SITE PLAN INFORMATION
IS BASED UPON
US SURVEY FEET (sFT)



1937 N Chestnut St, Wahoo, Ne 68066
800.723.8567 | jeo.com
Organization Certificate of
Authorization Number: CA-0069

F1-2: NORTHEAST FLOOD REDUCTION
OSMOND, NEBRASKA

COVER SHEET

PRELIMINARY
NOT FOR
CONSTRUCTION
10%
DATE:
1/16/2025
PRELIMINARY

PROJECT NO. 201302.00
DATE 1/16/2025
DRAWN BY T.R.W.
FILE NAME S-201302.00-Osmond-NE.dwg
FIELD BOOK
FIELD CREW
SURVEY FILE NO.
PLAN IN HAND
INITIALS
DATE
70 PERCENT REVIEW
INITIALS
DATE
95 PERCENT REVIEW
INITIALS
DATE
REVISIONS

C0.1

ITEM	SYMBOL	
BREAK LINE		
CABLE TELEVISION		
CABLE TV (NS)		
CENTERLINE OF ROAD		
CONTOUR MINOR (EX)		
CONTOUR MAJOR (EX)		
CONTOUR MINOR (EX,SCREENED)		
CONTOUR MAJOR (EX,SCREENED)		
CONTOUR MINOR (PR)		
CONTOUR MAJOR (PR)		
LIMITS OF CONSTRUCTION		
CULVERT		
ELECTRIC (OVHD)		
ELECTRIC (OVHD, NS)		
ELECTRIC (UGND)		
ELECTRIC (UGND, NS)		
FENCE (WOODEN)		
FENCE (WIRE OR UNKNOWN)		
FENCE (CHAINLINK)		
FENCE (SECURITY)		
FIBER OPTIC LINE		
FIBER OPTIC LINE (NS)		
FLOWLINE (BREAKLINE)		
GAS LINE		
GAS LINE (NS)		
GUARDRAIL		
PROPERTY BOUNDARY		
PROPERTY LOT LINES (PR)		
PROPERTY LINES (EX,NS)		
RIGHT-OF-WAY LINE		
RAILROAD RIGHT-OF-WAY		
RAILROAD TRACKS		
RETAINING WALL		
SANITARY SEWER (EX)		
SANITARY SEWER (NS)		
SANITARY SEWER (PR)		
SAN SEWER FORCE MAIN (EX)		
SAN SEWER FORCE MAIN (PR)		
STORM SEWER (EX)		
STORM SEWER (NS)		
STORM SEWER (PR)		
TELEPHONE LINE (UGND)		
TELEPHONE LINE (UGND,NS)		
TELEPHONE LINE (OVHD)		
TELEPHONE LINE (OVHD,NS)		
TERRACE		
CROPLINE		
TRAVELED WAY		
WATER (EX)		
WATER (NS)		
WATER (PR)		
FIRE SERVICE		
EXISTING	EX	
EXISTING, NOT-SURVEYED	NS	
PROPOSED	PR	
OVERHEAD	OVHD	
UNDERGROUND	UGND	

ITEM	HATCH
ASPHALT PAVEMENT (EX.)	
CONCRETE PAVEMENT (EX.)	
GRAVEL (EX.)	
BRICK PAVEMENT (EX.)	
ASPHALT PAVEMENT (PR.)	
CONCRETE PAVEMENT (PR.)	
CONCRETE SIDEWALK (PR)	
GRAVEL (PR.)	
BRICK PAVEMENT (PR.)	
RIP RAP	
SEEDING	
MATTING	
UNDISTURBED EARTH	
EARTH	
GRANULAR FILL	
SAND MORTAR, PLASTER	
CONCRETE	
BRICK	
CONCRETE BLOCK	
METAL	
WOOD FRAMING	
WOOD FRAMING INTERRUPTED MEMBER	
BATT INSULATION	
RIGID INSULATION	

ITEM	SYMBOL
STORM SEWER	
CURB INLET	
GRATE INLET	
CATCH BASIN	
STORM SEWER MANHOLE	
SANITARY	
CLEANOUT	
SEPTIC TANK	
SANITARY MANHOLE	
POWER, ELECTRICAL, LIGHT, AND TRAFFIC	
AIR CONDITIONING UNIT	
ANTENNA	
ANCHOR POLE/POST	
GUY POLE	
GUY WIRE ANCHOR	
ELECTRICAL HIGHLINE TOWER (METAL OR CONCRETE)	
POWER POLE (EXISTING)	
POWER POLE (PROPOSED)	
POWER (ELEC) PEDESTAL	
POWER (ELEC) PULL BOX OR MANHOLE	
POWER (ELEC) METER	
LIGHT POLE	
TRAFFIC SIGNAL	
TRAFFIC SIGNAL BOX	
TELEVISION PEDESTAL	
TELEVISION MANHOLE	
WATER	
WATER MANHOLE	
WATER VALVE	
WATER SHUT OFF OR CURB STOP	
WELL	
WATER METER	
WATER METER PIT	
YARD HYDRANT	
WATER ELEVATION	
WATER TOWER	
FIRE HYDRANT (EXISTING)	
FIRE HYDRANT (PROPOSED)	
FIRE HYDRANT IN PROFILE	
WATER FITTINGS	
11- 1/4"	
22- 1/2"	
45°	
90°	
CROSS	
PLUG	
REDUCER	
TEE	
GAS	
GAS METER	
GAS MANHOLE	
GAS FILL PIPE	
GAS PUMP	
GAS VALVE	
GAS VENT	
TELEPHONE	
FIBER OPTICS PULL BOX	
TELEPHONE POLE	
TELEPHONE PULL BOX OR MANHOLE	
TELEPHONE PEDESTAL	
MANHOLE (NON-SPECIFIC)	
UNDERGRND STORAGE TANK	
VALVE (NON-SPECIFIC)	

ITEM	SYMBOL
SIGN	
BARRICADE	
ROAD SIGNS	
COUNTY ROAD	
INTERSTATE HIGHWAY	
STATE HIGHWAY	
U.S. HIGHWAY	
MILE MARKER POST	
RIGHT OF WAY MARKER	
RAILROAD CROSSING SIGNAL	
RAILROAD SWITCH	
FLAG POLE	
MAILBOX	
PROPANE TANK	
SATELLITE TV DISH	
WINDMILL	

ITEM	SYMBOL
BENCHMARK	
CONTROL POINT (NON-PROPERTY)	
MONUMENT FOUND (PROPERTY)	
MONUMENT SET	
TEMPORARY POINT	
TEST BORING	
POINT ELEVATION (EXISTING)	$\times 0.00$
POINT ELEVATION (PROPOSED)	
TOP OF PAVEMENT	TP
TOP OF CURB	TC
GROUND	GR
TOP OF WALL	TW
BOTTOM OF WALL	BW
FLOWLINE	FL
GRID TICK	+

ITEM	SYMBOL
CENTER PIVOT	
CEMETERY	
GRAVE	
CHURCH	
CAVE	
CISTERN	
LATRINE	
OIL WELL	
GUARD POST	

ITEM	SYMBOL
EXISTING PAVEMENT JOINT	----
TRANSVERSE JOINT	-----
LONGITUDINAL JOINT	— — — — —
EXPANSION/KEYED JOINT	+ + + + +
PAVEMENT MARKING	=====
PAVEMENT REBAR	=====
HANDICAP SYMBOL	♿

ITEM	SYMBOL
BUSH	
CONIFEROUS TREE	
DECIDUOUS TREE	
MARSH/WETLAND	
TREE MASS LINE	
TREE STUMP	

ITEM	SYMBOL
SILT FENCE	— SF — SF —
INLET PROTECTION	● — ● — ● — ● — ● — ● —
STRAW WATTLE CHECK	-----
STRAW BALE CHECK	=====
FLOW ARROW (PLAN)	➔
AREA INLET FILTER PROTECTION	⊗ ⊗

ITEM	SYMBOL
PLAN REVISION	
NORTH ARROW	
GRAPHIC SCALE PLAN	GRAPHIC SCALE UNIT OF MEASURE IS FEET
GRAPHIC SCALE PROFILE/ CROSS SECTION	
KEYNOTE OR TABULAR NOTE	
REFERENCED NOTE	
ELEVATION	
SECTION	
ENLARGED DETAIL	

\\pierce\proj\201302.00 - Lower Blount NE\Drawings\DWG\1-DWG\1-DWG.dwg, Drawn: 5/13/2013 10:00 AM, Checked: 5/13/2013 10:00 AM, Date: 5/13/2013 10:00 AM



OTE:
PROPERTY LINES SHOWN ARE
APPROXIMATE AND TAKEN FROM
018 GIS PIERCE COUNTY ASSESSOR.



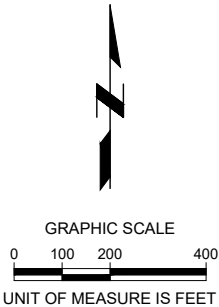
1937 N Chestnut St, Wahoo, Ne 68066
800.723.8567 jeo.com
Organization Certificate of
Authorization Number: CA-0069

F1-2: NORTHEAST FLOOD REDUCTION
OSMOND, NEBRASKA

OVERALL PROJECT VICINITY MAP

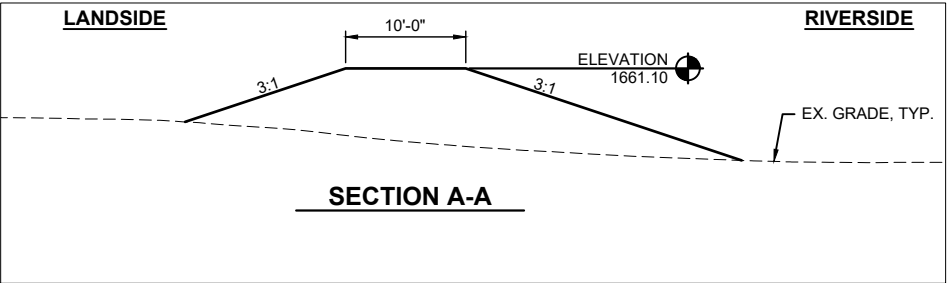
PRELIMINARY
NOT FOR
CONSTRUCTION
10%
DATE:
1/16/2025
PRELIMINARY

PROJECT NO. 201302.00
DATE 1/16/2025
DRAWN BY T.R.W.
FILE NAME S-201302.00-Osmond-NE.dwg
FIELD BOOK
FIELD CREW
SURVEY FILE NO.
PLAN IN HAND
INITIALS
DATE
70 PERCENT REVIEW
INITIALS
DATE
95 PERCENT REVIEW
INITIALS
DATE
REVISIONS



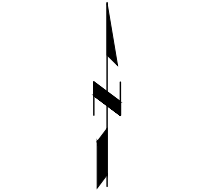
C0.3

\\pierce\p\proj\201302.00 - Lower Osmond NE\DWG\17-Proposed Storm Sewer Flap Gate.dwg, 1/16/2025 2:22 AM



EARTHWORK TABLE	
CUT	FILL
0 CY	3,485 CY

NOTE:
PROPERTY LINES SHOWN ARE
APPROXIMATE AND TAKEN FROM
2018 GIS PIERCE COUNTY ASSESSOR.



GRAPHIC SCALE
0 15 30 60
UNIT OF MEASURE IS FEET



Know what's below.
Call before you dig.



1937 N Chestnut St. Wahoo, Ne 68066
800.723.8567 jeo.com
Organization Certificate of
Authorization Number: CA-0069

**F1-2: NORTHEAST FLOOD REDUCTION
OSMOND, NEBRASKA**

PROPOSED SITE PLAN

PRELIMINARY
NOT FOR
CONSTRUCTION
10%
DATE:
1/16/2025
PRELIMINARY

PROJECT NO. 201302.00
DATE 1/16/2025
DRAWN BY T.R.W.
FILE NAME S-201302.00-Osmond-NE.dwg
FIELD BOOK
FIELD CREW
SURVEY FILE NO.
PLAN IN HAND
INITIALS
DATE
70 PERCENT REVIEW
INITIALS
DATE
95 PERCENT REVIEW
INITIALS
DATE
REVISIONS

C1-30: SOUTHWEST DRAINAGE IMPROVEMENTS PIERCE, NEBRASKA

FOR THE 2024 NORTH FORK ELKHORN RIVER WFPO WATERSHED PLAN

OWNER:

NAME: **CONTACT INFO:**

NAME COMPANY: LOWER ELKHORN RESOURCES DISTRICT
PHONE: 402.371.7313
EMAIL: LENRD@LENRD.ORD

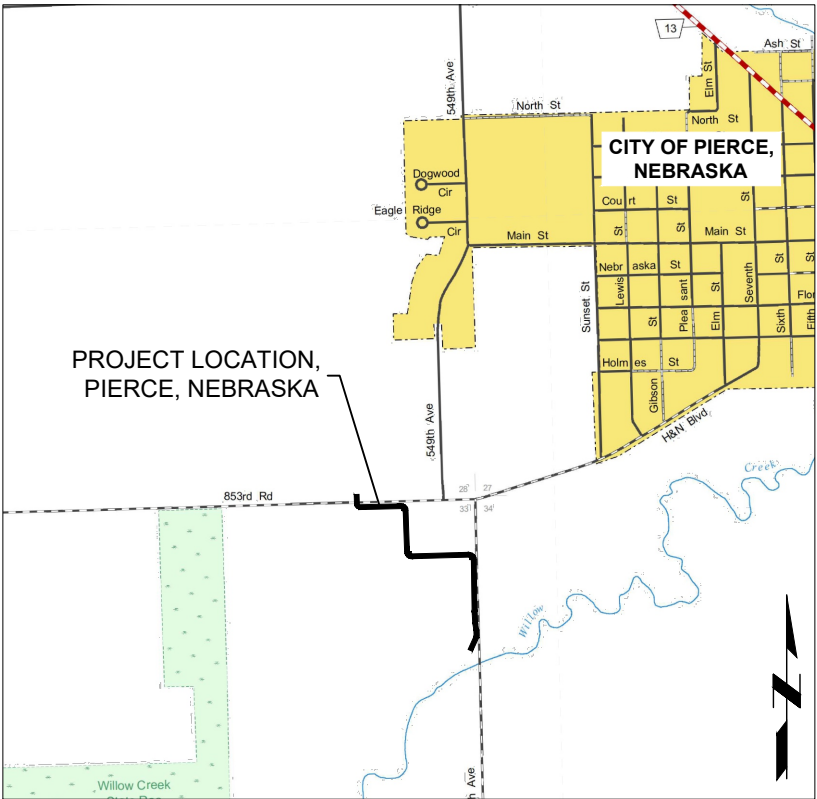
ENGINEER:

SUBMITTING ORGANIZATION JEO CONSULTING GROUP, INC.
1937 N CHESTNUT ST, WAHOO, NE 68066
P: 800.723.8567
CERTIFICATE OF AUTHORIZATION NO.: CA-0069

COORDINATING PROFESSIONAL NAME
JEO CONSULTING GROUP, INC.
LOCAL OFFICE ADDRESS
CITY, STATE ZIP
P: 402.474.8751
EMAIL: RLAWRENCE@JEO.COM

INDEX OF SHEETS:

SHEET NO:	SHEET NAME:
C0.1	COVER SHEET
C0.2	SYMBOLS SHEET
C2.1	OVERALL LOCATION MAP
PP1.1 - PP1.2	PLAN & PROFILE - CHANNEL
PP2.1	PLAN & PROFILE - BERM



LOCATION MAP
SCALE: 1" = 1,000'



Know what's below.
Call before you dig.

ALL SITE PLAN INFORMATION
IS BASED UPON
US SURVEY FEET (sFT)

LINESTYLES

ITEM	SYMBOL
BREAK LINE	
CABLE TELEVISION	— UTV — — UTV — —
CABLE TV (NS)	— <UTV> — — — <UTV> — — —
CENTERLINE OF ROAD	
CONTOUR MINOR (EX)	— — — 1202 — — —
CONTOUR MAJOR (EX)	— — — 1200 — — —
CONTOUR MINOR (EX,SCREENED)	— — — 1202 — — —
CONTOUR MAJOR (EX,SCREENED)	— — — 1200 — — —
CONTOUR MINOR (PR)	— — — 1202 — — —
CONTOUR MAJOR (PR)	— — — 1200 — — —
LIMITS OF CONSTRUCTION	— LOC — — — LOC — — —
CULVERT	
ELECTRIC (OVHD)	— OHE — — — OHE — — —
ELECTRIC (OVHD, NS)	— <OHE> — — — <OHE> — — —
ELECTRIC (UGND)	— UGE — — — UGE — — —
ELECTRIC (UGND, NS)	— <UGE> — — — <UGE> — — —
FENCE (WOODEN)	— □ — □ — □ — □ — □ —
FENCE (WIRE OR UNKNOWN)	— x — x — x — x — x —
FENCE (CHAINLINK)	— ○ — ○ — ○ — ○ —
FENCE (SECURITY)	— △ — △ — △ — △ —
FIBER OPTIC LINE	— FO — — — FO — — —
FIBER OPTIC LINE (NS)	— <FO> — — — <FO> — — —
FLOWLINE (BREAKLINE)	— · · · · · — · · · · · —
GAS LINE	— G — — — G — — —
GAS LINE (NS)	— <G> — — — <G> — — —
GUARDRAIL	
PROPERTY BOUNDARY	=====
PROPERTY LOT LINES (PR)	=====
PROPERTY LINES (EX,NS)	— · · · · · — · · · · · —
RIGHT-OF-WAY LINE	— ROW — — — ROW — — —
RAILROAD RIGHT-OF-WAY	— RR ROW — — —
RAILROAD TRACKS	— + + + + + — + + + + + —
RETAINING WALL	
SANITARY SEWER (EX)	— 8" SAN — — —
SANITARY SEWER (NS)	— <SAN> — — — <SAN> — — —
SANITARY SEWER (PR)	— 8" SAN — — —
SAN SEWER FORCE MAIN (EX)	— 8" FM — — — 8" FM — — —
SAN SEWER FORCE MAIN (PR)	— 6" FM — — — 6" FM — — —
STORM SEWER (EX)	— 12"ST — — — 12"ST — — — (OFFSET TO PIPE SIZE)
STORM SEWER (NS)	— <ST> — — — <ST> — — —
STORM SEWER (PR)	— 12" ST — — — (OFFSET TO PIPE SIZE)
TELEPHONE LINE (UGND)	— UGT — — — UGT — — —
TELEPHONE LINE (UGND,NS)	— <UGT> — — — <UGT> — — —
TELEPHONE LINE (OVHD)	— OHT — — — OHT — — —
TELEPHONE LINE (OVHD,NS)	— OHT — — — OHT — — —
TERRACE	— ∇ — ∇ — ∇ — ∇ — ∇ —
CROPLINE	— ∇ — ∇ — ∇ — ∇ — ∇ —
TRAVELED WAY	— — — — — — — — — — —
WATER (EX)	— 6" W — — — 6" W — — —
WATER (NS)	— <W> — — — <W> — — —
WATER (PR)	— 6" W — — — 6" W — — —
FIRE SERVICE	— 6" F — — — 6" F — — —
EXISTING	EX
EXISTING, NOT-SURVEYED	NS
PROPOSED	PR
OVERHEAD	OVHD
UNDERGROUND	UGND

COMMON HATCHING

ITEM	HATCH
ASPHALT PAVEMENT (EX)	
CONCRETE PAVEMENT (EX)	
GRAVEL (EX)	
BRICK PAVEMENT (EX)	
ASPHALT PAVEMENT (PR)	
CONCRETE PAVEMENT (PR)	
CONCRETE SIDEWALK (PR)	
GRAVEL (PR)	
BRICK PAVEMENT (PR)	
RIP RAP	
SEEDING	
MATTING	
UNDISTURBED EARTH	
EARTH	
GRANULAR FILL	
SAND MORTAR, PLASTER	
CONCRETE	
BRICK	
CONCRETE BLOCK	
METAL	
WOOD FRAMING	
WOOD FRAMING INTERRUPTED MEMBER	
BATT INSULATION	
RIGID INSULATION	

UTILITIES

ITEM	SYMBOL
STORM SEWER	
CURB INLET	
GRATE INLET	
CATCH BASIN	
STORM SEWER MANHOLE	
SANITARY	
CLEANOUT	
SEPTIC TANK	
SANITARY MANHOLE	
POWER, ELECTRICAL, LIGHT, AND TRAFFIC	
AIR CONDITIONING UNIT	
ANTENNA	
ANCHOR POLE/POST	
GUY POLE	
GUY WIRE ANCHOR	
ELECTRICAL HIGHLINE TOWER (METAL OR CONCRETE)	
POWER POLE (EXISTING)	
POWER POLE (PROPOSED)	
POWER (ELEC) PEDESTAL	
POWER (ELEC) PULL BOX OR MANHOLE	
POWER (ELEC) METER	
LIGHT POLE	
TRAFFIC SIGNAL	
TRAFFIC SIGNAL BOX	
TELEVISION PEDESTAL	
TELEVISION MANHOLE	
WATER	
WATER MANHOLE	
WATER VALVE	
WATER SHUT OFF OR CURB STOP	
WELL	
WATER METER	
WATER METER PIT	
YARD HYDRANT	
WATER ELEVATION	
WATER TOWER	
FIRE HYDRANT (EXISTING)	
FIRE HYDRANT (PROPOSED)	
FIRE HYDRANT IN PROFILE	
WATER FITTINGS	
11- 1/4"	
22- 1/2"	
46"	
90"	
GROSS	
PLUG	
REDUCER	
TEE	
GAS	
GAS METER	
GAS MANHOLE	
GAS FILL PIPE	
GAS PUMP	
GAS VALVE	
GAS VENT	
TELEPHONE	
FIBER OPTICS PULL BOX	
TELEPHONE POLE	
TELEPHONE PULL BOX OR MANHOLE	
TELEPHONE PEDESTAL	
MANHOLE (NON-SPECIFIC)	
UNDERGRND STORAGE TANK	
VALVE (NON-SPECIFIC)	

SITE & SIGNAGE

ITEM	SYMBOL
SIGN	
BARRICADE	
ROAD SIGNS	
COUNTY ROAD	
INTERSTATE HIGHWAY	
STATE HIGHWAY	
U.S. HIGHWAY	
MILE MARKER POST	
RIGHT OF WAY MARKER	
RAILROAD CROSSING SIGNAL	
RAILROAD SWITCH	
FLAG POLE	
MAILBOX	
PROPANE TANK	
SATELLITE TV DISH	
WINDMILL	

CONTROL & ELEVATION

ITEM	SYMBOL
BENCHMARK	
CONTROL POINT (NON-PROPERTY)	
MONUMENT FOUND (PROPERTY)	
MONUMENT SET	
TEMPORARY POINT	
TEST BORING	
POINT ELEVATION (EXISTING)	
POINT ELEVATION (PROPOSED)	
TOP OF PAVEMENT	TP
TOP OF CURB	TC
GROUND	GR
TOP OF WALL	TW
BOTTOM OF WALL	BW
FLOWLINE	FL
GRID TICK	+

MISC FEATURES

ITEM	SYMBOL
CENTER PIVOT	
CEMETERY	
GRAVE	
CHURCH	
CAVE	
CISTERN	
LATRINE	
OIL WELL	
GUARD POST	

PAVING FEATURES

ITEM	SYMBOL
EXISTING PAVEMENT JOINT	
TRANSVERSE JOINT	
LONGITUDINAL JOINT	
EXPANSION/KEYED JOINT	
PAVEMENT MARKING	
PAVEMENT REBAR	
HANDICAP SYMBOL	

VEGETATION

ITEM	SYMBOL
BUSH	
CONIFEROUS TREE	
DECIDUOUS TREE	
MARSH/WETLAND	
TREE MASS LINE	
TREE STUMP	

SWPPP

ITEM	SYMBOL
SILT FENCE	
INLET PROTECTION	
STRAW WATTLE CHECK	
STRAW BALE CHECK	
FLOW ARROW (PLAN)	
AREA INLET	
FILTER PROTECTION	

GENERAL

ITEM	SYMBOL
PLAN REVISION	
NORTH ARROW	
GRAPHIC SCALE PLAN	
GRAPHIC SCALE PROFILE/ CROSS SECTION	
KEYNOTE OR TABULAR NOTE	
REFERENCED NOTE	
ELEVATION	
SECTION	
ENLARGED DETAIL	



SEE C1-10 DRAWINGS FOR SPOILS SITE.

EX. PROPERTY LINES, TYP.
(FROM GIS 2018)

549TH AVE.

CITY
OF
PIERCE, NE

H AND N BLVD.

PROPOSED BERM,
SEE SHEET PP2.1

PROPOSED CHANNEL,
SEE SHEET PP1.1 - PP1.2

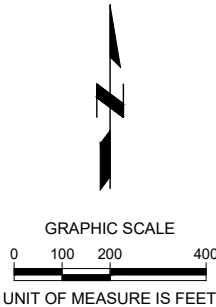
NF B-11

PROPOSED LIMITS OF GRADING, TYP.

NF B-12

549TH AVE.

WILLOW CREEK



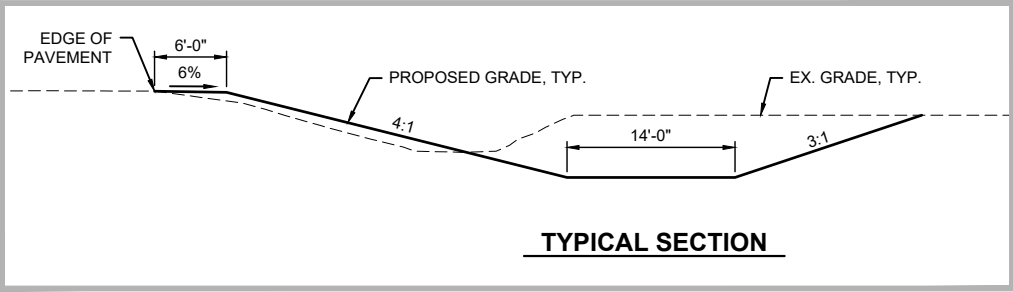
**C1-30: SOUTHWEST DRAINAGE
IMPROVEMENTS
PIERCE, NEBRASKA**

OVERALL LOCATION MAP

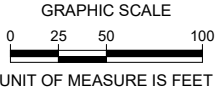
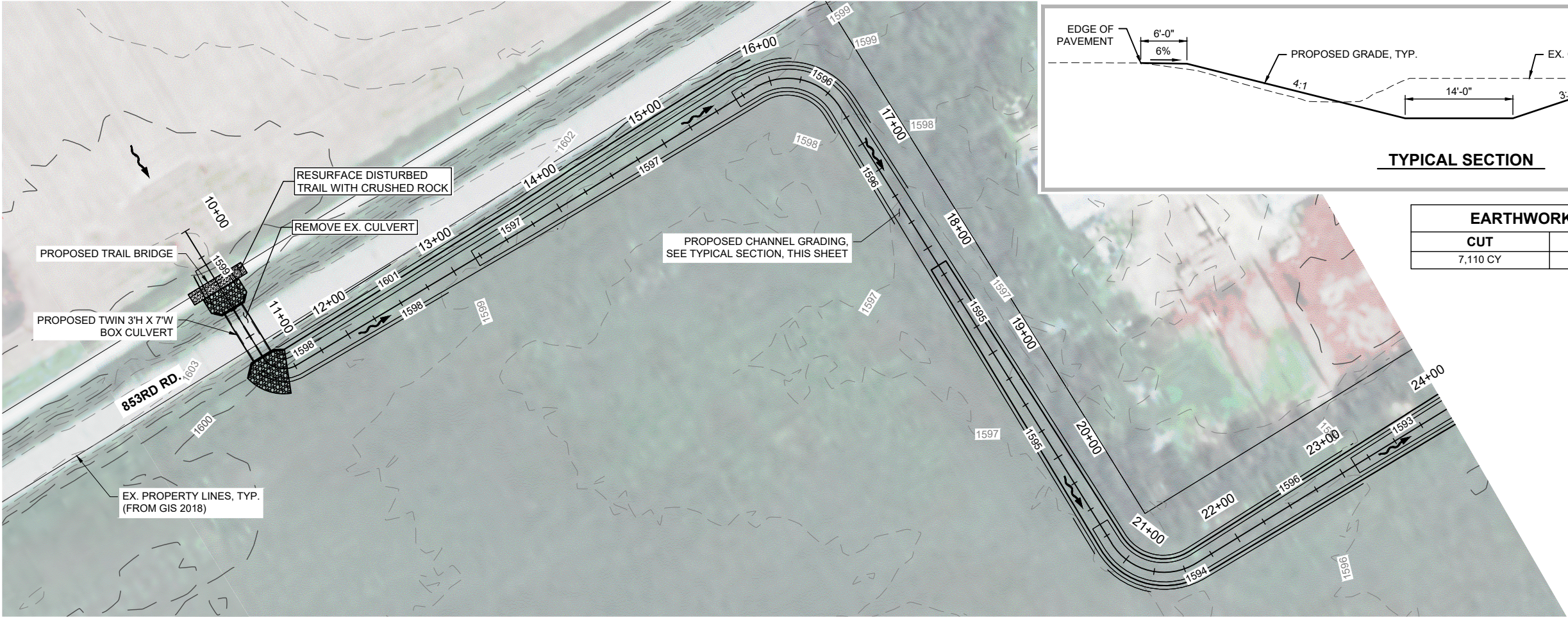
PRELIMINARY
NOT FOR
CONSTRUCTION
10%
DATE:
1/16/2025
PRELIMINARY

PROJECT NO.	201302.00
DATE	1/16/2025
DRAWN BY	T.R.W.
FILE NAME	S-201302.00-Pierce-SW.dwg
FIELD BOOK	
FIELD CREW	
SURVEY FILE NO.	
PLAN IN HAND	
INITIALS	
DATE	
70 PERCENT REVIEW	
INITIALS	
DATE	
95 PERCENT REVIEW	
INITIALS	
DATE	
REVISIONS	

C1-30: SOUTHWEST DRAINAGE IMPROVEMENTS
PIERCE, NEBRASKA

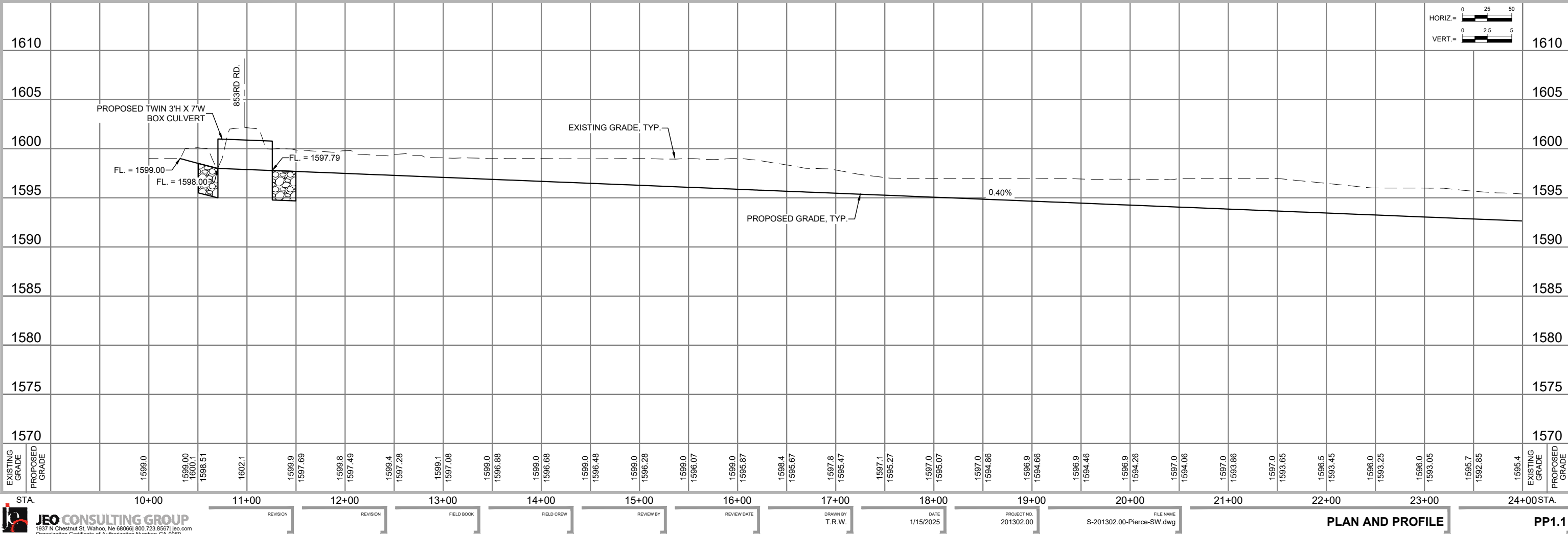


EARTHWORK TABLE	
CUT	FILL
7,110 CY	824 CY

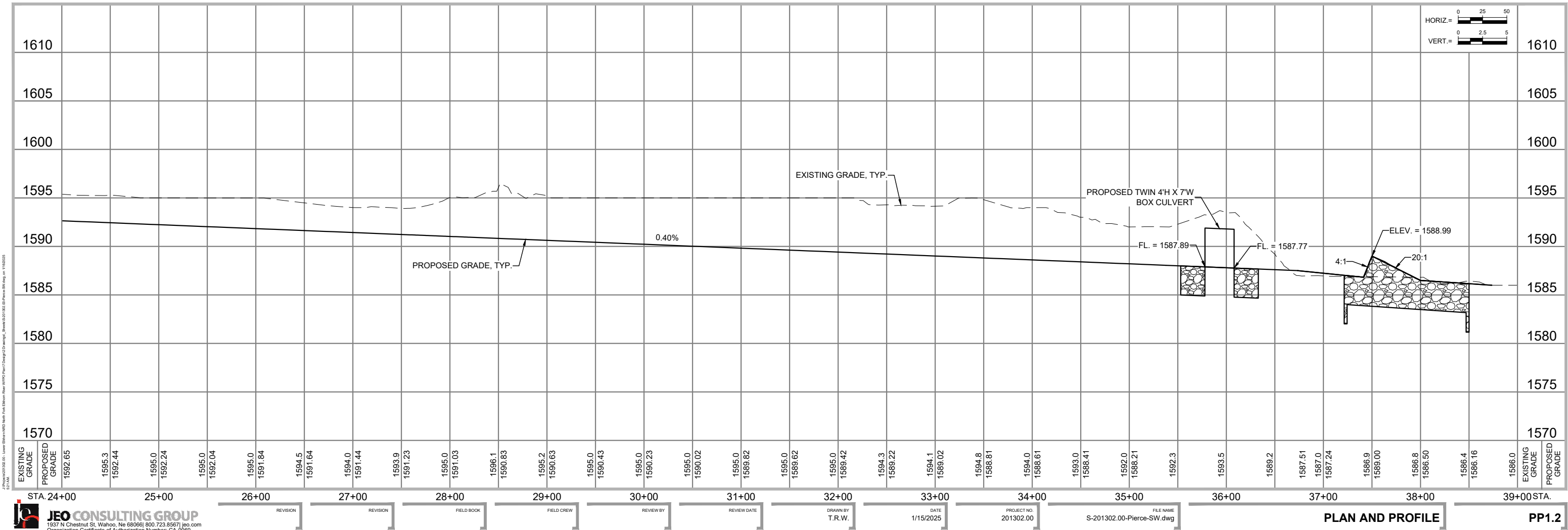
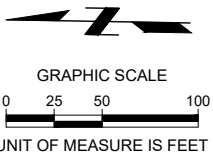
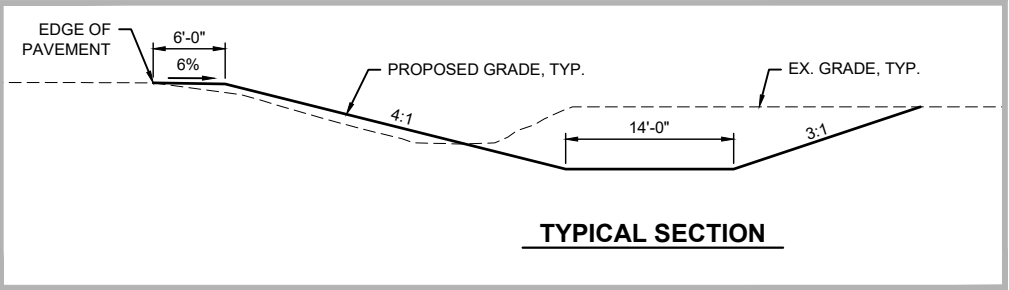
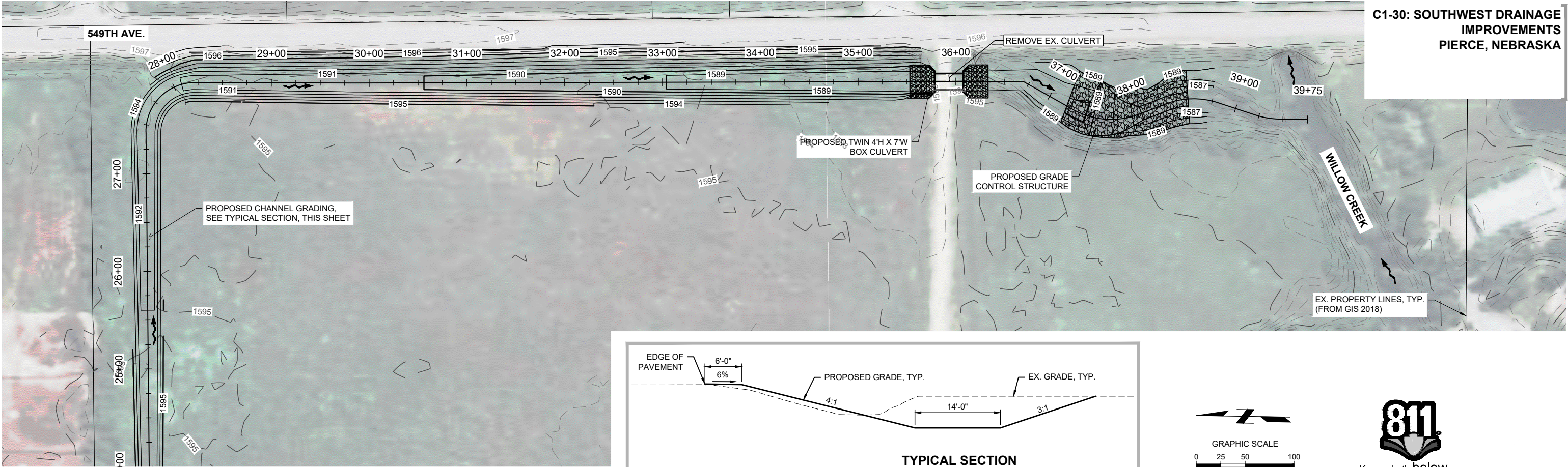


Know what's below.
Call before you dig.

PRELIMINARY
NOT FOR
CONSTRUCTION
10%
DATE:
1/15/2025
PRELIMINARY



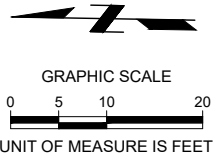
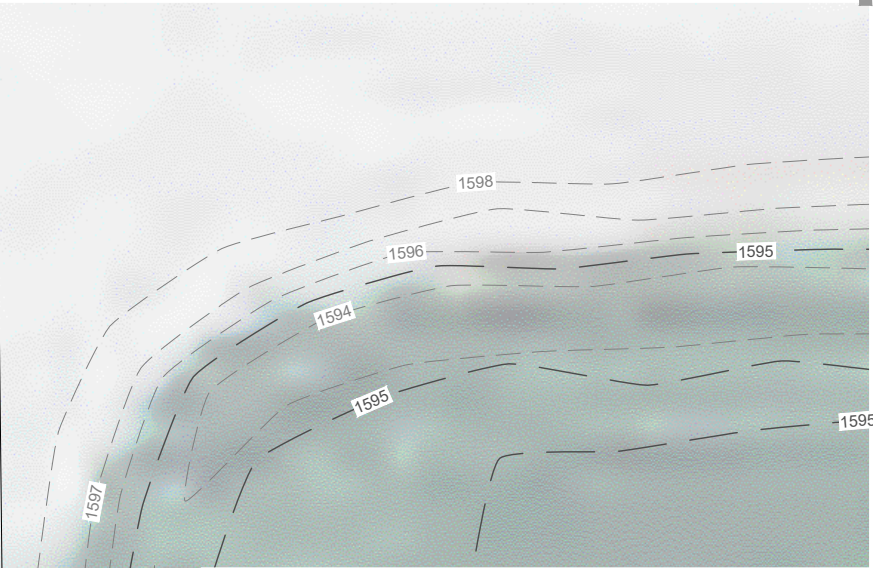
C1-30: SOUTHWEST DRAINAGE IMPROVEMENTS
PIERCE, NEBRASKA



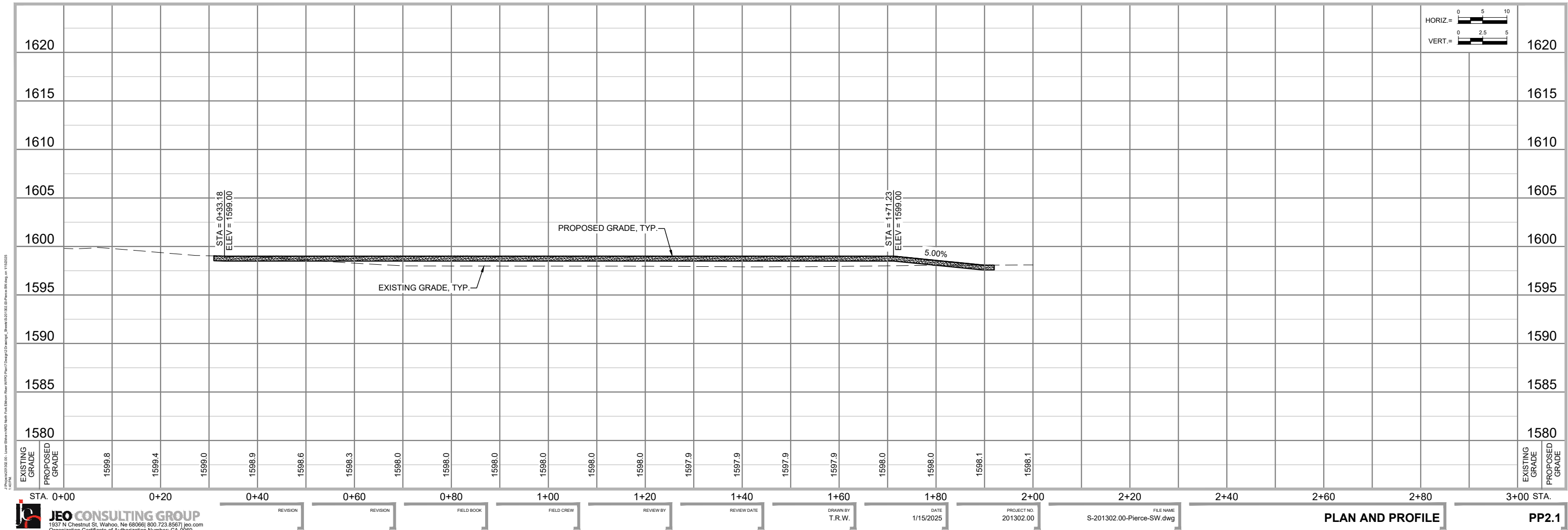


EARTHWORK TABLE	
CUT	FILL
0 CY	63 CY

C1-30: SOUTHWEST DRAINAGE
IMPROVEMENTS
PIERCE, NEBRASKA



PRELIMINARY
NOT FOR
CONSTRUCTION
10%
DATE:
1/15/2025
PRELIMINARY



J:\Projects\201302.00 - Lower Blount Field North Fork Blount River WFOV Basin? Design\2D Drawings\Sheet 30.00 30 Pierce SW.dwg, 1/15/2025 1:47 PM

C1-10: NORTHWEST DRAINAGE IMPROVEMENTS PIERCE, NEBRASKA

FOR THE 2024 NORTH FORK ELKHORN RIVER WFPO WATERSHED PLAN

OWNER:

NAME: **CONTACT INFO:**

NAME COMPANY: LOWER ELKHORN RESOURCES DISTRICT
PHONE: 402.371.7313
EMAIL: LENRD@LENRD.ORD

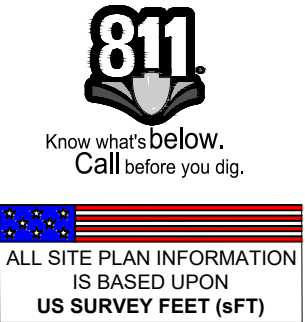
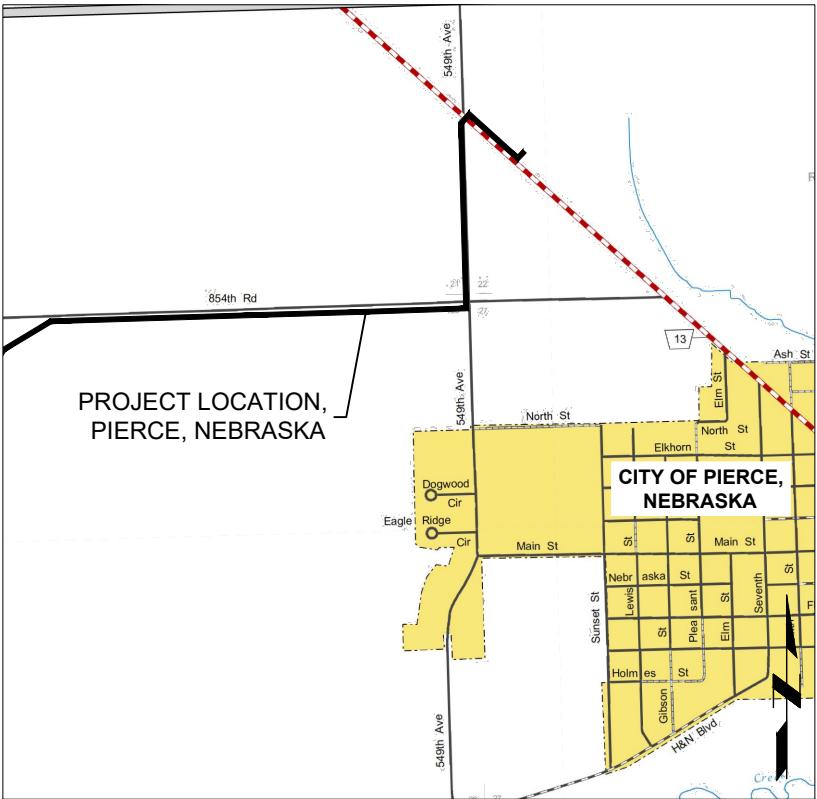
ENGINEER:

SUBMITTING ORGANIZATION JEO CONSULTING GROUP, INC.
1937 N CHESTNUT ST, WAHOO, NE 68066
P: 800.723.8567
CERTIFICATE OF AUTHORIZATION NO.: CA-0069

COORDINATING PROFESSIONAL NAME
JEO CONSULTING GROUP, INC.
LOCAL OFFICE ADDRESS
CITY, STATE ZIP
P: 402.474.8751
EMAIL: RLAWRENCE@JEO.COM

INDEX OF SHEETS:

SHEET NO:	SHEET NAME:
C0.1	COVER SHEET
C0.2	SYMBOLS SHEET
C2.1	OVERALL LOCATION MAP
PP1.1 - PP1.6	PLAN & PROFILE



J:\Projects\201302.00 - Leavenworth M&D North Fork Elk River WAPD (North Design) - 201302.00-Pierce-NW.dwg, 01/15/2025, 5:38 AM

LINESTYLES

ITEM	SYMBOL
BREAK LINE	
CABLE TELEVISION	— UTV — — UTV — —
CABLE TV (NS)	— <UTV> — — — <UTV> — — —
CENTERLINE OF ROAD	
CONTOUR MINOR (EX)	— — — 1202 — — —
CONTOUR MAJOR (EX)	— — — 1200 — — —
CONTOUR MINOR (EX,SCREENED)	— — — 1202 — — —
CONTOUR MAJOR (EX,SCREENED)	— — — 1200 — — —
CONTOUR MINOR (PR)	— — — 1202 — — —
CONTOUR MAJOR (PR)	— — — 1200 — — —
LIMITS OF CONSTRUCTION	— LOC — — — LOC — — —
CULVERT	
ELECTRIC (OVHD)	— OHE — — — OHE — — —
ELECTRIC (OVHD, NS)	— <OHE> — — — <OHE> — — —
ELECTRIC (UGND)	— UGE — — — UGE — — —
ELECTRIC (UGND, NS)	— <UGE> — — — <UGE> — — —
FENCE (WOODEN)	— □ — □ — □ — □ — □ —
FENCE (WIRE OR UNKNOWN)	— x — x — x — x — x —
FENCE (CHAINLINK)	— ○ — ○ — ○ — ○ —
FENCE (SECURITY)	— △ — △ — △ — △ —
FIBER OPTIC LINE	— FO — — — FO — — —
FIBER OPTIC LINE (NS)	— <FO> — — — <FO> — — —
FLOWLINE (BREAKLINE)	— · · · · · — · · · · · —
GAS LINE	— G — — — G — — —
GAS LINE (NS)	— <G> — — — <G> — — —
GUARDRAIL	
PROPERTY BOUNDARY	=====
PROPERTY LOT LINES (PR)	=====
PROPERTY LINES (EX,NS)	— · · · · · — · · · · · —
RIGHT-OF-WAY LINE	— ROW — — — ROW — — —
RAILROAD RIGHT-OF-WAY	— RR ROW — — — RR ROW — — —
RAILROAD TRACKS	— + + + + + — + + + + + —
RETAINING WALL	
SANITARY SEWER (EX)	— — — 8" SAN — — —
SANITARY SEWER (NS)	— — <SAN> — — — — <SAN> — — —
SANITARY SEWER (PR)	— — — 8" SAN — — —
SAN SEWER FORCE MAIN (EX)	— — — 8" FM — — — — 8" FM — — —
SAN SEWER FORCE MAIN (PR)	— — — 6" FM — — — — 6" FM — — —
STORM SEWER (EX)	— — — 12"ST — — — 12"ST — — — (OFFSET TO PIPE SIZE)
STORM SEWER (NS)	— — <ST> — — — — <ST> — — —
STORM SEWER (PR)	— — — 12" ST — — — (OFFSET TO PIPE SIZE)
TELEPHONE LINE (UGND)	— UGT — — — UGT — — —
TELEPHONE LINE (UGND,NS)	— <UGT> — — — — <UGT> — — —
TELEPHONE LINE (OVHD)	— OHT — — — OHT — — —
TELEPHONE LINE (OVHD,NS)	— OHT — — — OHT — — —
TERRACE	— ∇ — ∇ — ∇ — ∇ — ∇ —
CROPLINE	— ∇ — ∇ — ∇ — ∇ — ∇ —
TRAVELED WAY	— — — — — — — — — — —
WATER (EX)	— — — 6" W — — — — 6" W — — —
WATER (NS)	— — <W> — — — — <W> — — —
WATER (PR)	— — — 6" W — — — — 6" W — — —
FIRE SERVICE	— — — 6" F — — — — 6" F — — —
EXISTING	EX
EXISTING, NOT-SURVEYED	NS
PROPOSED	PR
OVERHEAD	OVHD
UNDERGROUND	UGND

COMMON HATCHING

ITEM	HATCH
ASPHALT PAVEMENT (EX)	
CONCRETE PAVEMENT (EX)	
GRAVEL (EX)	
BRICK PAVEMENT (EX)	
ASPHALT PAVEMENT (PR)	
CONCRETE PAVEMENT (PR)	
CONCRETE SIDEWALK (PR)	
GRAVEL (PR)	
BRICK PAVEMENT (PR)	
RIP RAP	
SEEDING	
MATTING	
UNDISTURBED EARTH	
EARTH	
GRANULAR FILL	
SAND MORTAR, PLASTER	
CONCRETE	
BRICK	
CONCRETE BLOCK	
METAL	
WOOD FRAMING	
WOOD FRAMING INTERRUPTED MEMBER	
BATT INSULATION	
RIGID INSULATION	

UTILITIES

ITEM	SYMBOL
STORM SEWER	
CURB INLET	
GRATE INLET	
CATCH BASIN	
STORM SEWER MANHOLE	
SANITARY	
CLEANOUT	
SEPTIC TANK	
SANITARY MANHOLE	
POWER, ELECTRICAL, LIGHT, AND TRAFFIC	
AIR CONDITIONING UNIT	
ANTENNA	
ANCHOR POLE/POST	
GUY POLE	
GUY WIRE ANCHOR	
ELECTRICAL HIGHLINE TOWER (METAL OR CONCRETE)	
POWER POLE (EXISTING)	
POWER POLE (PROPOSED)	
POWER (ELEC) PEDESTAL	
POWER (ELEC) PULL BOX OR MANHOLE	
POWER (ELEC) METER	
LIGHT POLE	
TRAFFIC SIGNAL	
TRAFFIC SIGNAL BOX	
TELEVISION PEDESTAL	
TELEVISION MANHOLE	
WATER	
WATER MANHOLE	
WATER VALVE	
WATER SHUT OFF OR CURB STOP	
WELL	
WATER METER	
WATER METER PIT	
YARD HYDRANT	
WATER ELEVATION	
WATER TOWER	
FIRE HYDRANT (EXISTING)	
FIRE HYDRANT (PROPOSED)	
FIRE HYDRANT IN PROFILE	
WATER FITTINGS	
11- 1/4"	
22- 1/2"	
46"	
90"	
GROSS	
PLUG	
REDUCER	
TEE	
GAS	
GAS METER	
GAS MANHOLE	
GAS FILL PIPE	
GAS PUMP	
GAS VALVE	
GAS VENT	
TELEPHONE	
FIBER OPTICS PULL BOX	
TELEPHONE POLE	
TELEPHONE PULL BOX OR MANHOLE	
TELEPHONE PEDESTAL	
MANHOLE (NON-SPECIFIC)	
UNDERGRND STORAGE TANK	
VALVE (NON-SPECIFIC)	

SITE & SIGNAGE

ITEM	SYMBOL
SIGN	
BARRICADE	
ROAD SIGNS	
COUNTY ROAD	
INTERSTATE HIGHWAY	
STATE HIGHWAY	
U.S. HIGHWAY	
MILE MARKER POST	
RIGHT OF WAY MARKER	
RAILROAD CROSSING SIGNAL	
RAILROAD SWITCH	
FLAG POLE	
MAILBOX	
PROPANE TANK	
SATELLITE TV DISH	
WINDMILL	

CONTROL & ELEVATION

ITEM	SYMBOL
BENCHMARK	
CONTROL POINT (NON-PROPERTY)	
MONUMENT FOUND (PROPERTY)	
MONUMENT SET	
TEMPORARY POINT	
TEST BORING	
POINT ELEVATION (EXISTING)	× 0.00
POINT ELEVATION (PROPOSED)	
TOP OF PAVEMENT	TP
TOP OF CURB	TC
GROUND	GR
TOP OF WALL	TW
BOTTOM OF WALL	BW
FLOWLINE	FL
GRID TICK	+

MISC FEATURES

ITEM	SYMBOL
CENTER PIVOT	
CEMETERY	
GRAVE	
CHURCH	
CAVE	
CISTERN	
LATRINE	
OIL WELL	
GUARD POST	

PAVING FEATURES

ITEM	SYMBOL
EXISTING PAVEMENT JOINT	-----
TRANSVERSE JOINT	-----
LONGITUDINAL JOINT	-----
EXPANSION/KEYED JOINT	-----
PAVEMENT MARKING	-----
PAVEMENT REBAR	-----
HANDICAP SYMBOL	

VEGETATION

ITEM	SYMBOL
BUSH	
CONIFEROUS TREE	
DECIDUOUS TREE	
MARSH/WETLAND	
TREE MASS LINE	
TREE STUMP	

SWPPP

ITEM	SYMBOL
SILT FENCE	— SF — — — SF — — —
INLET PROTECTION	
STRAW WATTLE CHECK	-----
STRAW BALE CHECK	
FLOW ARROW (PLAN)	
AREA INLET	
FILTER PROTECTION	

GENERAL

ITEM	SYMBOL
PLAN REVISION	
NORTH ARROW	
GRAPHIC SCALE PLAN	
GRAPHIC SCALE PROFILE/ CROSS SECTION	
KEYNOTE OR TABULAR NOTE	
REFERENCED NOTE	
ELEVATION	
SECTION	
ENLARGED DETAIL	

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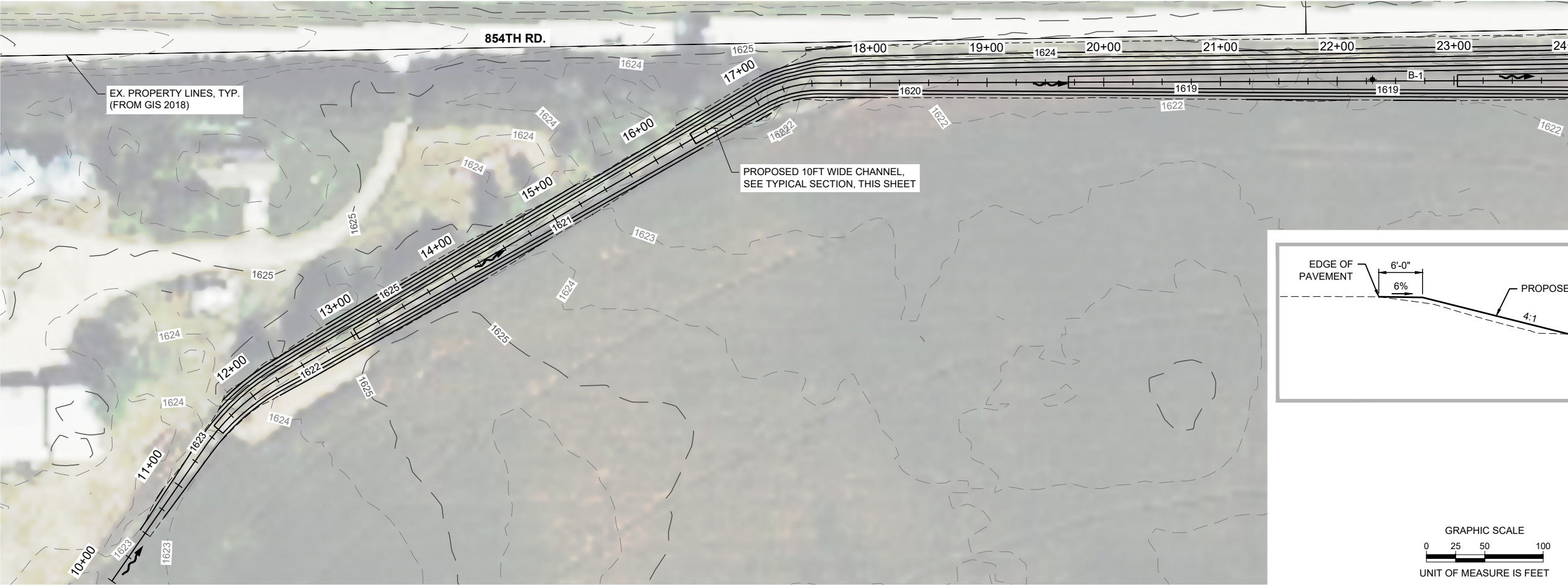
C1-10: NORTHWEST DRAINAGE
IMPROVEMENTS
PIERCE, NEBRASKA

OVERALL LOCATION MAP

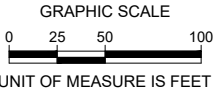
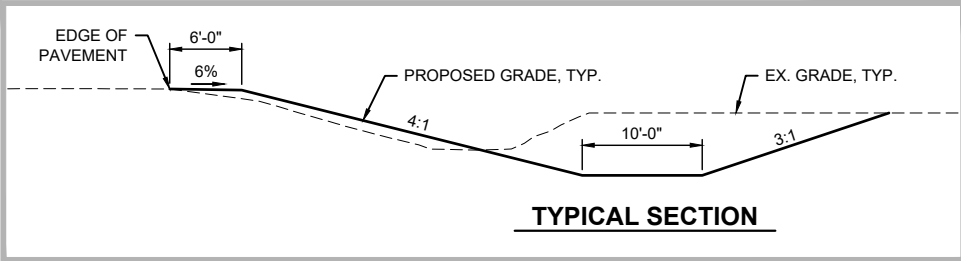
PRELIMINARY
NOT FOR
CONSTRUCTION
10%
DATE:
1/15/2025
PRELIMINARY

PROJECT NO.	201302.00
DATE	1/15/2025
DRAWN BY	T.R.W.
FILE NAME	S-201302.00-Pierce-NW.dwg
FIELD BOOK	
FIELD CREW	
SURVEY FILE NO.	
PLAN IN HAND	
INITIALS	
DATE	
70 PERCENT REVIEW	
INITIALS	
DATE	
95 PERCENT REVIEW	
INITIALS	
DATE	
REVISIONS	

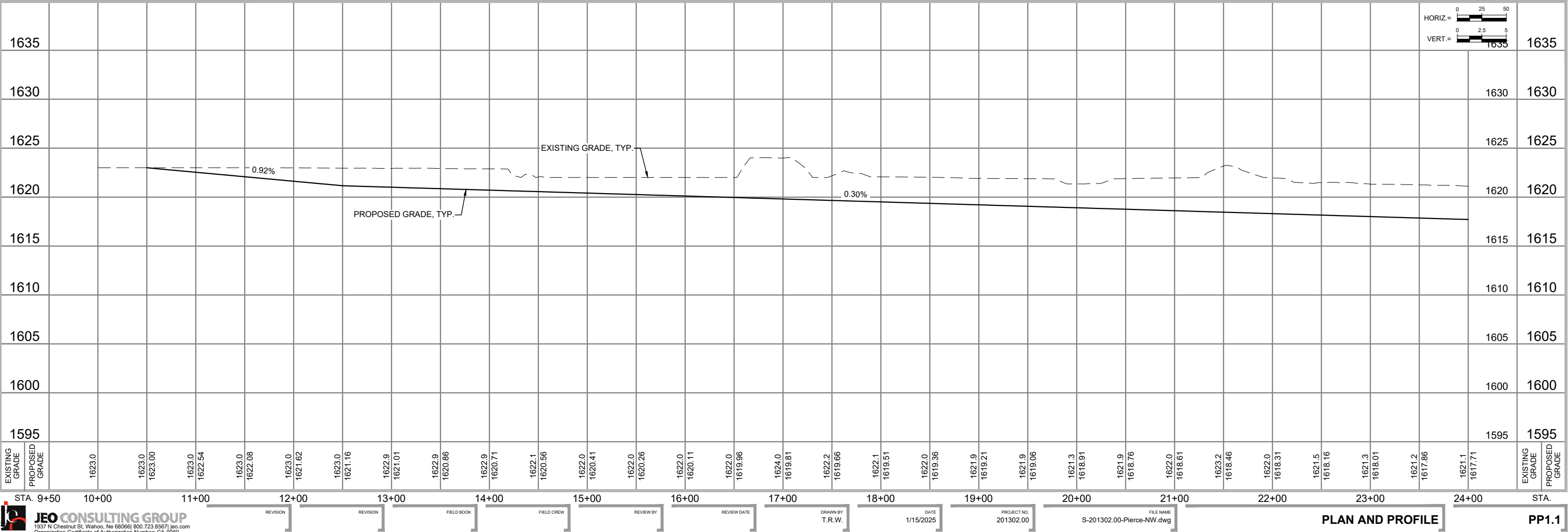
C1-10: NORTHWEST DRAINAGE IMPROVEMENTS
PIERCE, NEBRASKA



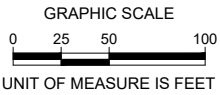
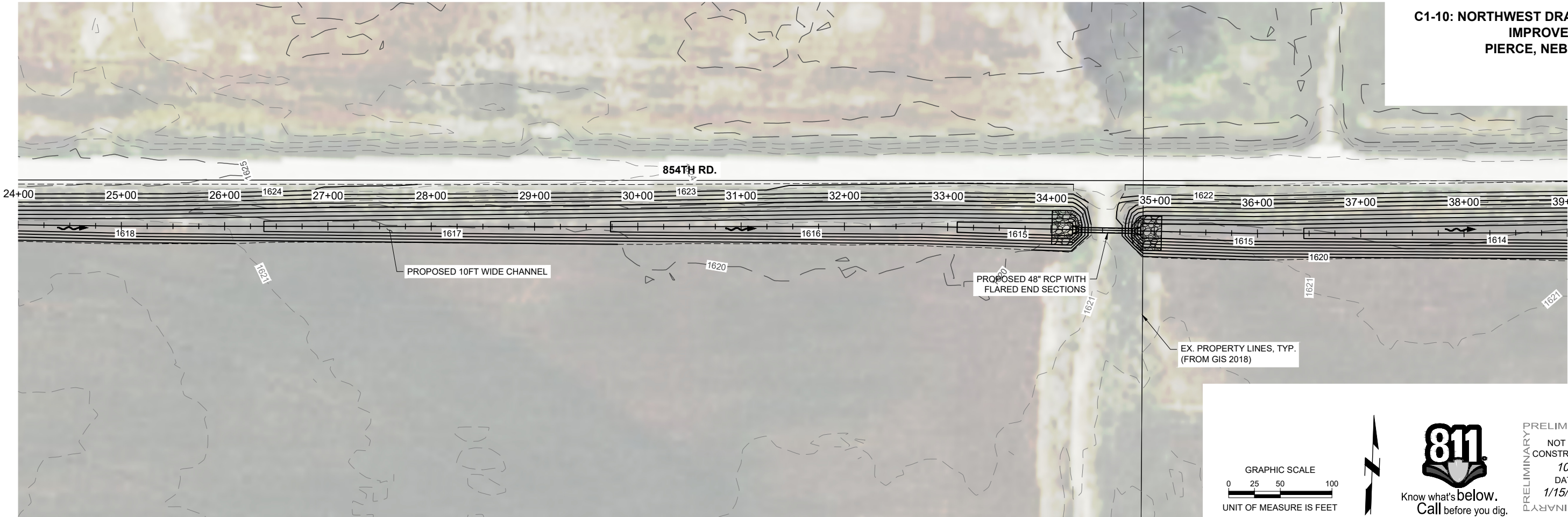
EARTHWORK TABLE	
CUT	FILL
27,210 CY	1,045 CY



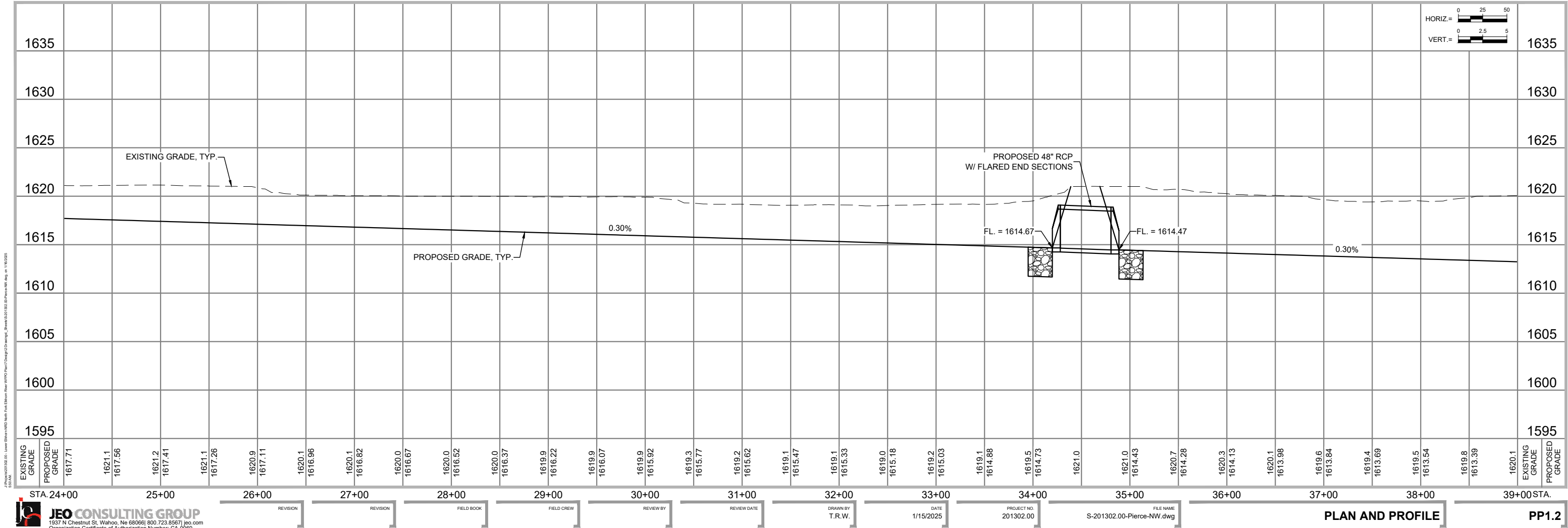
PRELIMINARY
NOT FOR
CONSTRUCTION
10%
DATE:
1/15/2025
PRELIMINARY



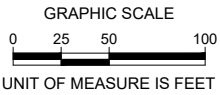
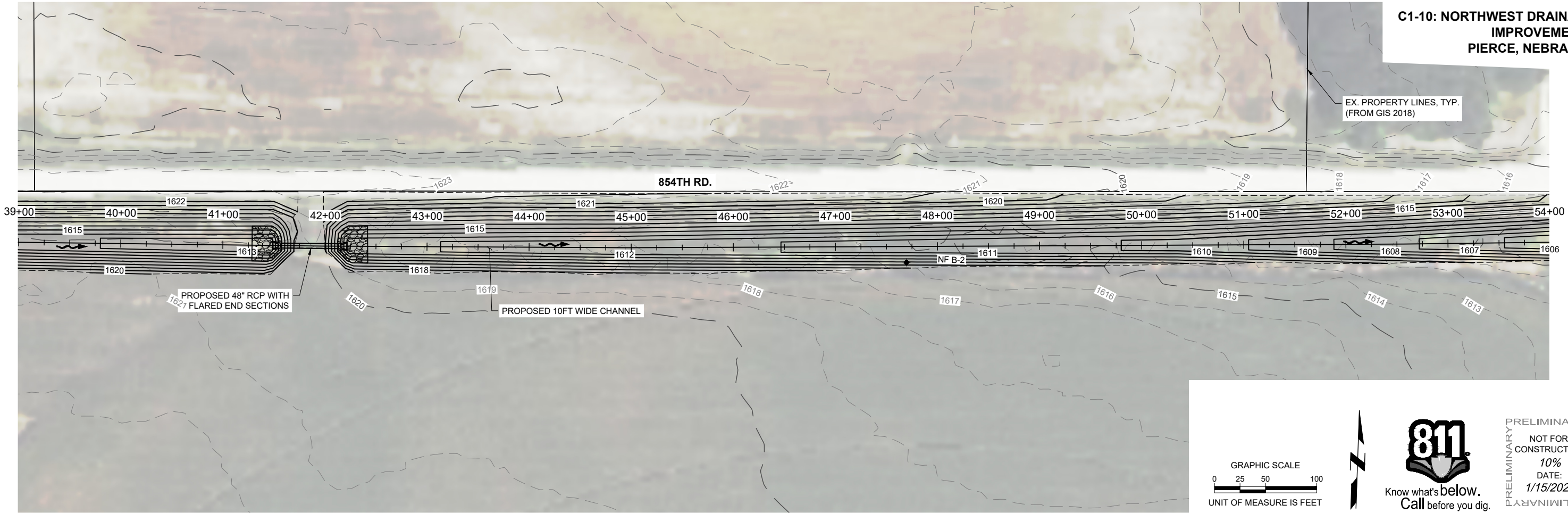
C1-10: NORTHWEST DRAINAGE IMPROVEMENTS
PIERCE, NEBRASKA



PRELIMINARY
NOT FOR
CONSTRUCTION
10%
DATE:
1/15/2025
PRELIMINARY

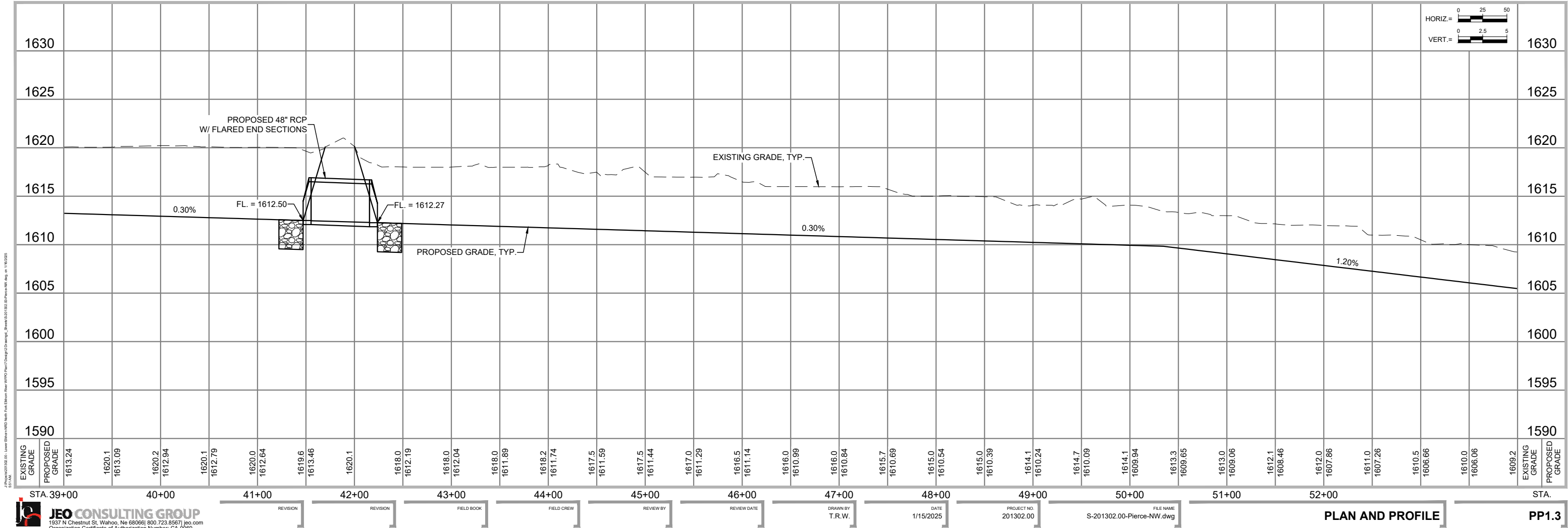


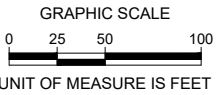
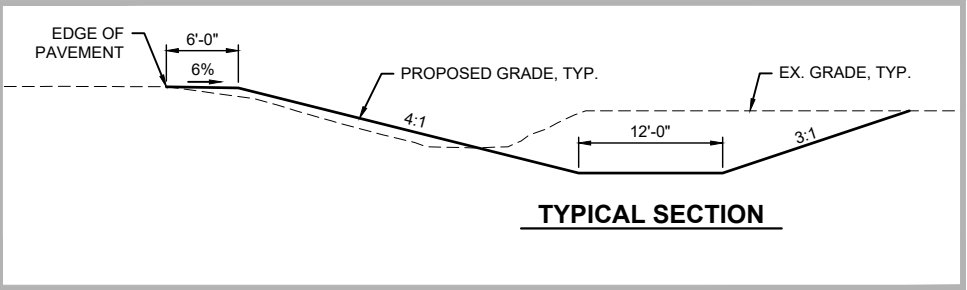
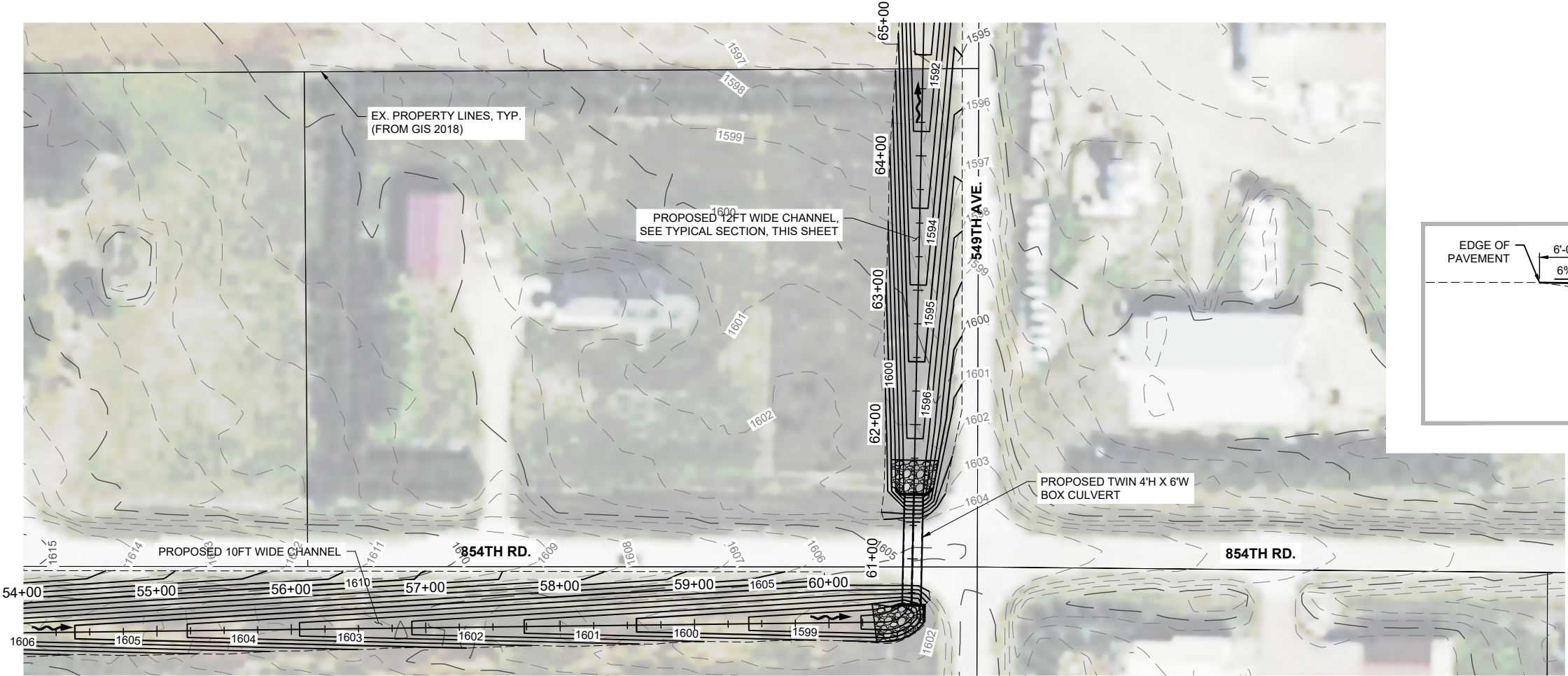
C1-10: NORTHWEST DRAINAGE IMPROVEMENTS
PIERCE, NEBRASKA



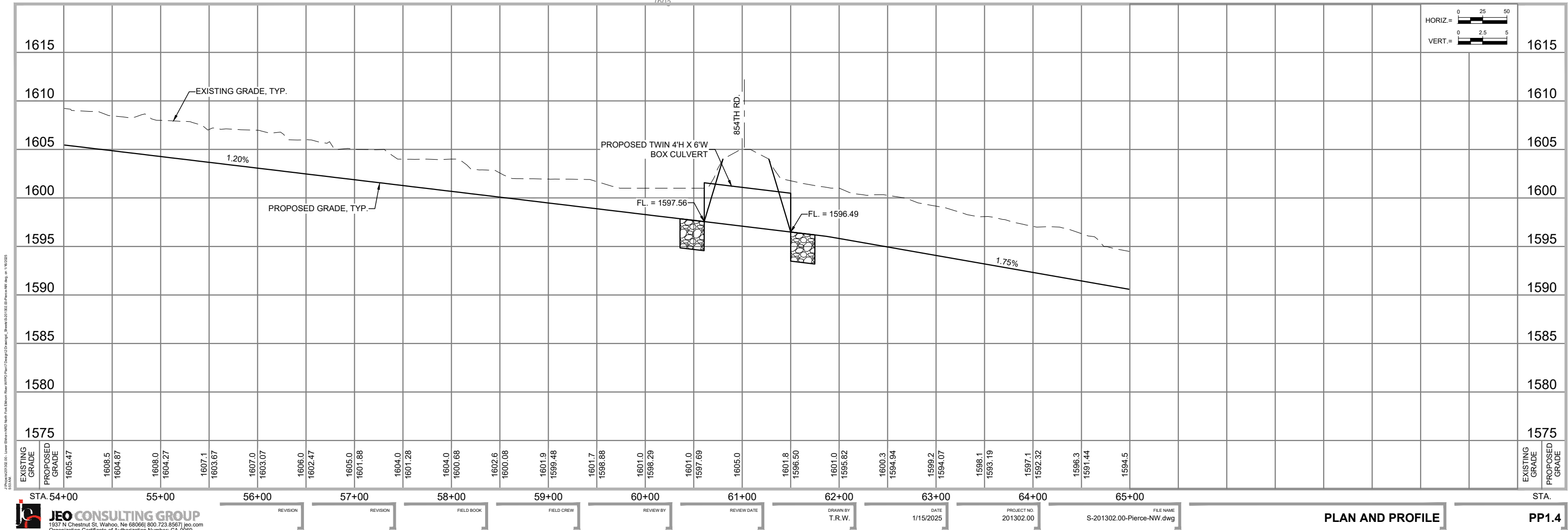
811
Know what's below.
Call before you dig.

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NOT FOR CONSTRUCTION
10%
DATE: 1/15/2025
PRELIMINARY





PRELIMINARY
NOT FOR
CONSTRUCTION
10%
DATE:
1/15/2025
PRELIMINARY



2:\projects\201302.00 - Lower Blount Field North Pond Storage Area\WFO\Drawings\Sheet\201302.00-Pierce-NW.dwg, on 1/16/2025 8:53 AM

**C1-10: NORTHWEST DRAINAGE IMPROVEMENTS
PIERCE, NEBRASKA**

PROPOSED 12FT WIDE CHANNEL

PROPOSED TWIN 3'H X 6'W BOX CULVERT

549TH AVE.

NF B-3

EX. PROPERTY LINES, TYP. (FROM GIS 2018)

GRAPHIC SCALE

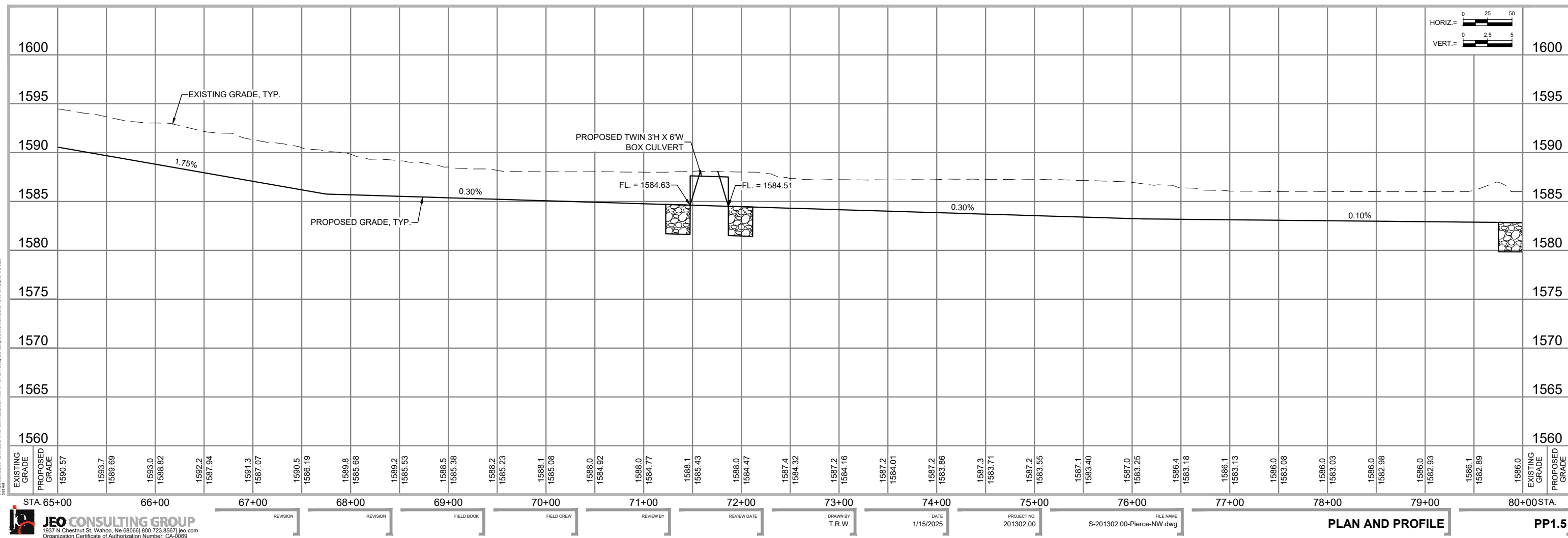
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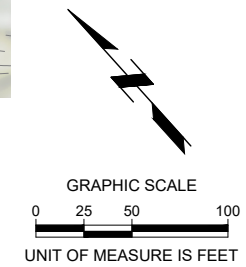
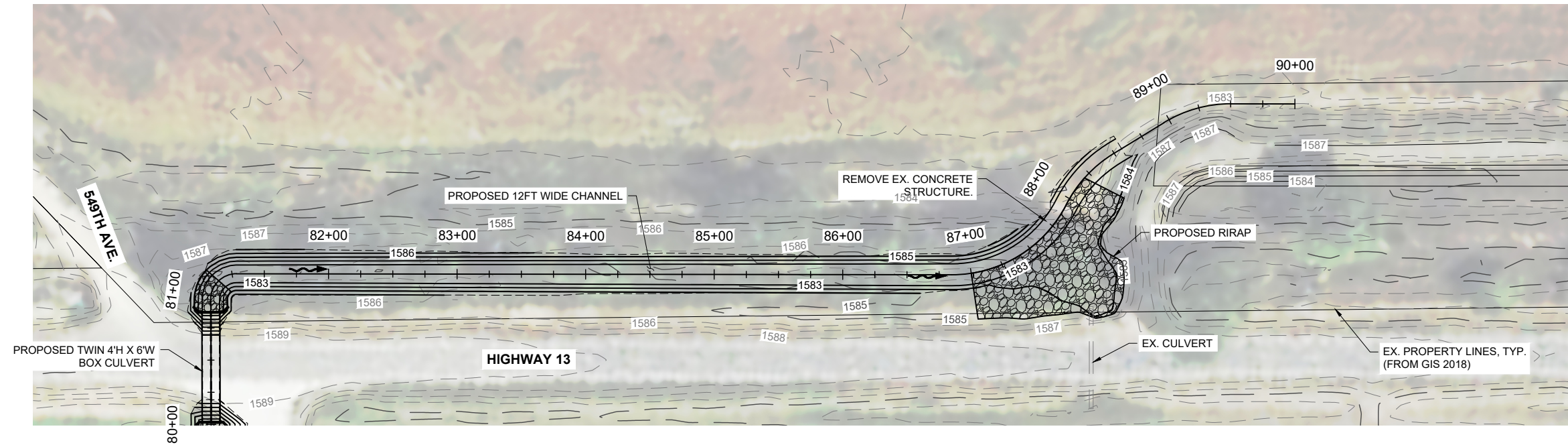
UNIT OF MEASURE IS FEET

811

Know what's below.
Call before you dig.

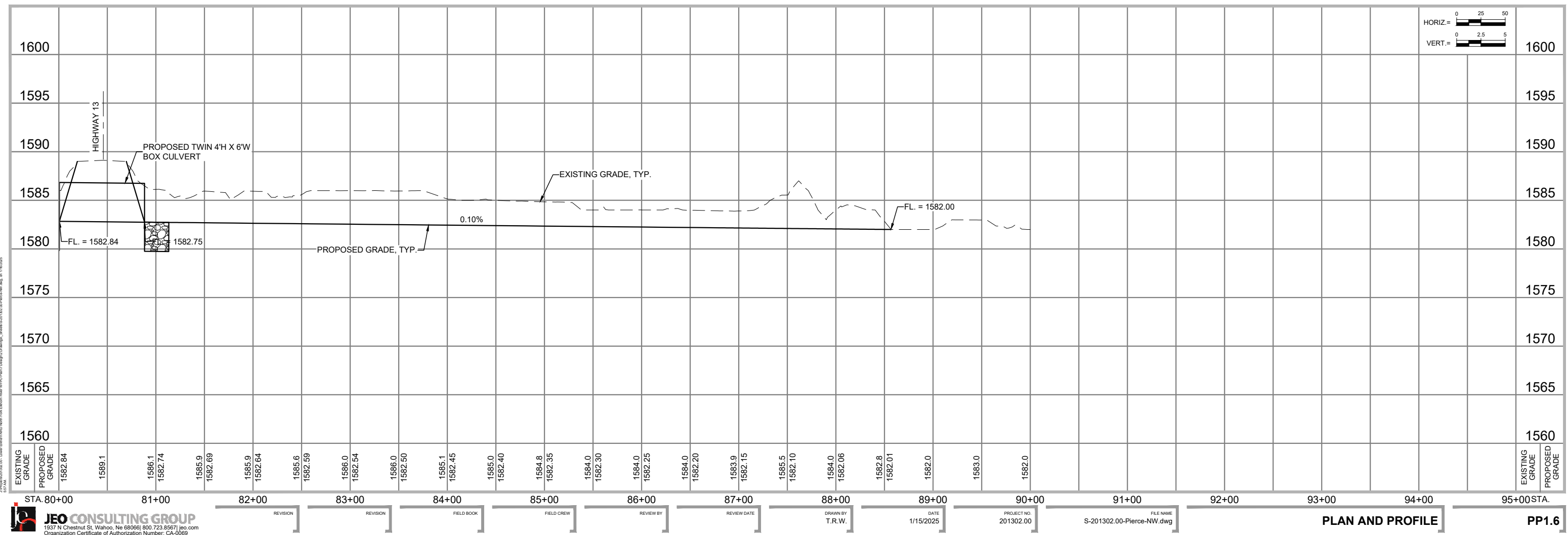
PRELIMINARY NOT FOR CONSTRUCTION 10% DATE: 1/15/2025 PRELIMINARY





Know what's **below**.
Call before you dig.

PRELIMINARY
NOT FOR



JEO CONSULTING GROUP
1-800-723-8867
 1937 N Chestnut St. Wahoo, NE 68066
 800.723.8567 | jeo.com
 Organization Certificate of
 Authorization Number: CA-0069

ENGINEER:

**COORDINATING
PROFESSIONAL**

ROSS E. LAWRENCE
JEO CONSULTING GROUP, INC.
1937 N CHESTNUT ST, WAHOO, NE 68066
P: 402.474.8751
EMAIL: RLAWRENCE@JEO.COM

SHEET NO:	SHEET NAME:
C0.1	COVER SHEET
C0.2	SYMBOLS SHEET
C0.3	OVERALL LOCATION MAP
C1.1	TYPICAL SECTIONS
PP1.1 - PP1.10	PLAN & PROFILES
XS1.1 - XS1.13	CROSS SECTIONS




ALL SITE PLAN INFORMATION
IS BASED UPON
US SURVEY FEET (sFT)

**L1-20: LEVEE IMPROVEMENTS
PIERCE, NEBRASKA**

COVER SHEET

RELIMINARY
NOT FOR
CONSTRUCTION
10%
DATE:
1/16/2025
RELIMINARY

PROJECT NO.	201302.00
DATE	1/16/2025
DRAWN BY	T.R.W.
FILE NAME	201302.00-Levee-Sheets.dwg
FIELD BOOK	FIELD BOOK
FIELD CREW	FIELD CREW
SURVEY FILE NO.	SURVEY FILE #
PLAN IN HAND	
INITIALS	
DATE	
0 PERCENT REVIEW	
INITIALS	
DATE	
5 PERCENT REVIEW	
INITIALS	
DATE	
REVISIONS	

ITEM	SYMBOL	
BREAK LINE		
CABLE TELEVISION		
CABLE TV (NS)		
CENTERLINE OF ROAD		
CONTOUR MINOR (EX)		
CONTOUR MAJOR (EX)		
CONTOUR MINOR (EX,SCREENED)		
CONTOUR MAJOR (EX,SCREENED)		
CONTOUR MINOR (PR)		
CONTOUR MAJOR (PR)		
LIMITS OF CONSTRUCTION		
CULVERT		
ELECTRIC (OVHD)		
ELECTRIC (OVHD, NS)		
ELECTRIC (UGND)		
ELECTRIC (UGND, NS)		
FENCE (WOODEN)		
FENCE (WIRE OR UNKNOWN)		
FENCE (CHAINLINK)		
FENCE (SECURITY)		
FIBER OPTIC LINE		
FIBER OPTIC LINE (NS)		
FLOWLINE (BREAKLINE)		
GAS LINE		
GAS LINE (NS)		
GUARDRAIL		
PROPERTY BOUNDARY		
PROPERTY LOT LINES (PR)		
PROPERTY LINES (EX,NS)		
RIGHT-OF-WAY LINE		
RAILROAD RIGHT-OF-WAY		
RAILROAD TRACKS		
RETAINING WALL		
SANITARY SEWER (EX)		
SANITARY SEWER (NS)		
SANITARY SEWER (PR)		
SAN SEWER FORCE MAIN (EX)		
SAN SEWER FORCE MAIN (PR)		
STORM SEWER (EX)		
STORM SEWER (NS)		
STORM SEWER (PR)		
TELEPHONE LINE (UGND)		
TELEPHONE LINE (UGND,NS)		
TELEPHONE LINE (OVHD)		
TELEPHONE LINE (OVHD,NS)		
TERRACE		
CROPLINE		
TRAVELED WAY		
WATER (EX)		
WATER (NS)		
WATER (PR)		
FIRE SERVICE		
EXISTING	EX	
EXISTING, NOT-SURVEYED	NS	
PROPOSED	PR	
OVERHEAD	OVHD	
UNDERGROUND	UGND	

ITEM	HATCH
ASPHALT PAVEMENT (EX)	
CONCRETE PAVEMENT (EX)	
GRAVEL (EX)	
BRICK PAVEMENT (EX)	
ASPHALT PAVEMENT (PR)	
CONCRETE PAVEMENT (PR)	
CONCRETE SIDEWALK (PR)	
GRAVEL (PR)	
BRICK PAVEMENT (PR)	
RIP RAP	
SEEDING	
MATTING	
UNDISTURBED EARTH	
EARTH	
GRANULAR FILL	
SAND MORTAR, PLASTER	
CONCRETE	
BRICK	
CONCRETE BLOCK	
METAL	
WOOD FRAMING	
WOOD FRAMING INTERRUPTED MEMBER	
BATT INSULATION	
RIGID INSULATION	

ITEM	SYMBOL
STORM SEWER	
CURB INLET	
GRATE INLET	
CATCH BASIN	
STORM SEWER MANHOLE	
SANITARY	
CLEANOUT	
SEPTIC TANK	
SANITARY MANHOLE	
POWER, ELECTRICAL, LIGHT, AND TRAFFIC	
AIR CONDITIONING UNIT	
ANTENNA	
ANCHOR POLE/POST	
GUY POLE	
GUY WIRE ANCHOR	
ELECTRICAL HIGHLINE TOWER (METAL OR CONCRETE)	
POWER POLE (EXISTING)	
POWER POLE (PROPOSED)	
POWER (ELEC) PEDESTAL	
POWER (ELEC) PULL BOX OR MANHOLE	
POWER (ELEC) METER	
LIGHT POLE	
TRAFFIC SIGNAL	
TRAFFIC SIGNAL BOX	
TELEVISION PEDESTAL	
TELEVISION MANHOLE	
WATER	
WATER MANHOLE	
WATER VALVE	
WATER SHUT OFF OR CURB STOP	
WELL	
WATER METER	
WATER METER PIT	
YARD HYDRANT	
WATER ELEVATION	
WATER TOWER	
FIRE HYDRANT (EXISTING)	
FIRE HYDRANT (PROPOSED)	
FIRE HYDRANT IN PROFILE	
WATER FITTINGS	
11- 1/4"	
22- 1/2"	
46"	
90°	
CROSS	
PLUG	
REDUCER	
TEE	
GAS	
GAS METER	
GAS MANHOLE	
GAS FILL PIPE	
GAS PUMP	
GAS VALVE	
GAS VENT	
TELEPHONE	
FIBER OPTICS PULL BOX	
TELEPHONE POLE	
TELEPHONE PULL BOX OR MANHOLE	
TELEPHONE PEDESTAL	
MANHOLE (NON-SPECIFIC)	
UNDERGRND STORAGE TANK	
VALVE (NON-SPECIFIC)	

ITEM	SYMBOL
SIGN	
BARRICADE	
ROAD SIGNS	
COUNTY ROAD	
INTERSTATE HIGHWAY	
STATE HIGHWAY	
U.S. HIGHWAY	
MILE MARKER POST	
RIGHT OF WAY MARKER	
RAILROAD CROSSING SIGNAL	
RAILROAD SWITCH	
FLAG POLE	
MAILBOX	
PROPANE TANK	
SATELLITE TV DISH	
WINDMILL	

ITEM	SYMBOL
BENCHMARK	
CONTROL POINT (NON-PROPERTY)	
MONUMENT FOUND (PROPERTY)	
MONUMENT SET	
TEMPORARY POINT	
TEST BORING	
POINT ELEVATION (EXISTING)	$\times 0.00$
POINT ELEVATION (PROPOSED)	
TOP OF PAVEMENT	TP
TOP OF CURB	TC
GROUND	GR
TOP OF WALL	TW
BOTTOM OF WALL	BW
FLOWLINE	FL
GRID TICK	+

ITEM	SYMBOL
CENTER PIVOT	
CEMETERY	
GRAVE	
CHURCH	
CAVE	
CISTERN	
LATRINE	
OIL WELL	
GUARD POST	

ITEM	SYMBOL
EXISTING PAVEMENT JOINT	----
TRANSVERSE JOINT	-----
LONGITUDINAL JOINT	— — — — —
EXPANSION/KEYED JOINT	+++++
PAVEMENT MARKING	=====
PAVEMENT REBAR	=====
HANDICAP SYMBOL	&

ITEM	SYMBOL
BUSH	
CONIFEROUS TREE	
DECIDUOUS TREE	
MARSH/WETLAND	
TREE MASS LINE	
TREE STUMP	

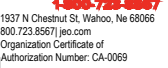
ITEM	SYMBOL
SILT FENCE	
INLET PROTECTION	
STRAW WATTLE CHECK	
STRAW BALE CHECK	
FLOW ARROW (PLAN)	
AREA INLET FILTER PROTECTION	

ITEM	SYMBOL
PLAN REVISION	
NORTH ARROW	
GRAPHIC SCALE PLAN	GRAPHIC SCALE UNIT OF MEASURE IS FEET
GRAPHIC SCALE PROFILE/ CROSS SECTION	
KEYNOTE OR TABULAR NOTE	
REFERENCED NOTE	
ELEVATION	
SECTION	
ENLARGED DETAIL	



SYMBOLS SHEET

C0.2



TYPICAL SECTIONS

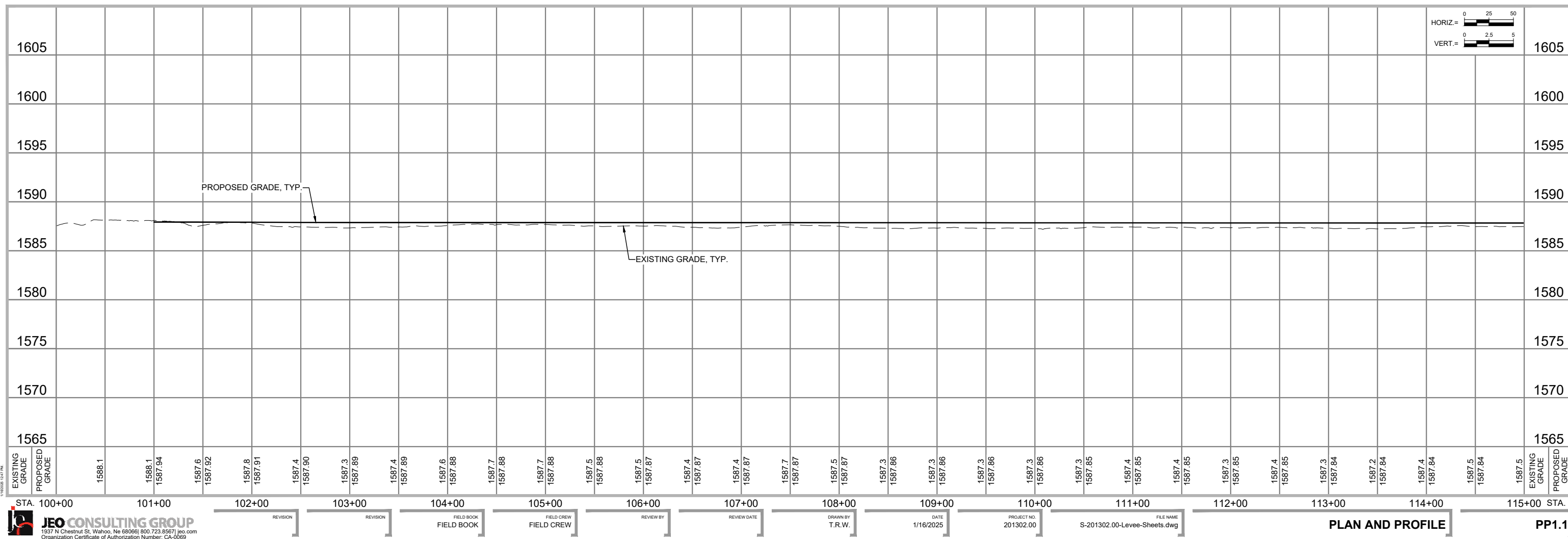
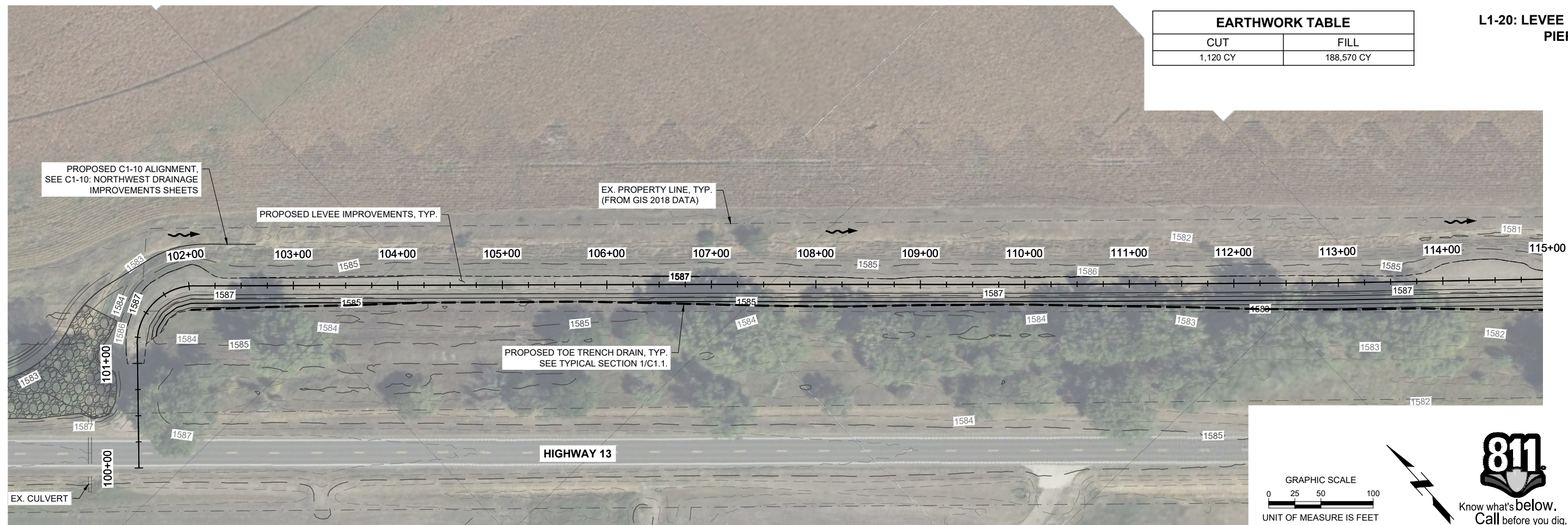
PROJECT NO.	201302.00
DATE	1/16/2025
DRAWN BY	T.R.W.
FILE NAME	S-201302.00-Levee-Sheets.dwg
FIELD BOOK	FIELD BOOK
FIELD CREW	FIELD CREW
SURVEY FILE NO.	SURVEY FILE #
PLAN IN HAND	
INITIALS	
DATE	
70 PERCENT REVIEW	
INITIALS	
DATE	
95 PERCENT REVIEW	
INITIALS	
DATE	
REVISIONS	



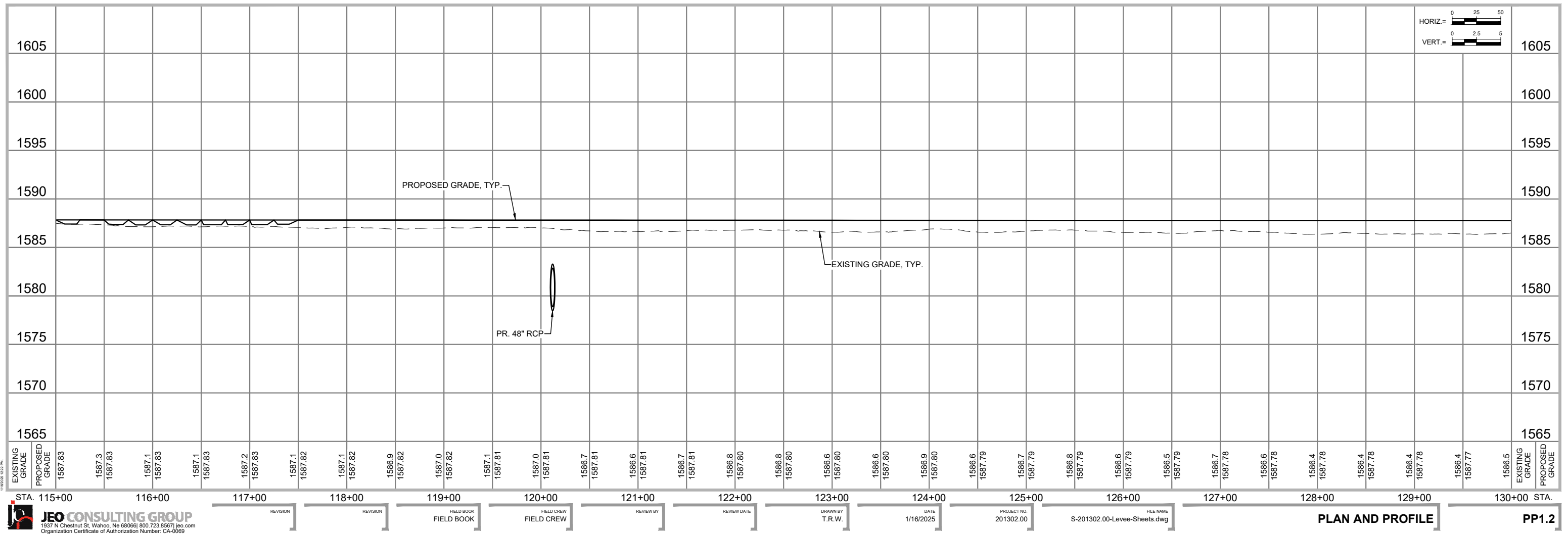
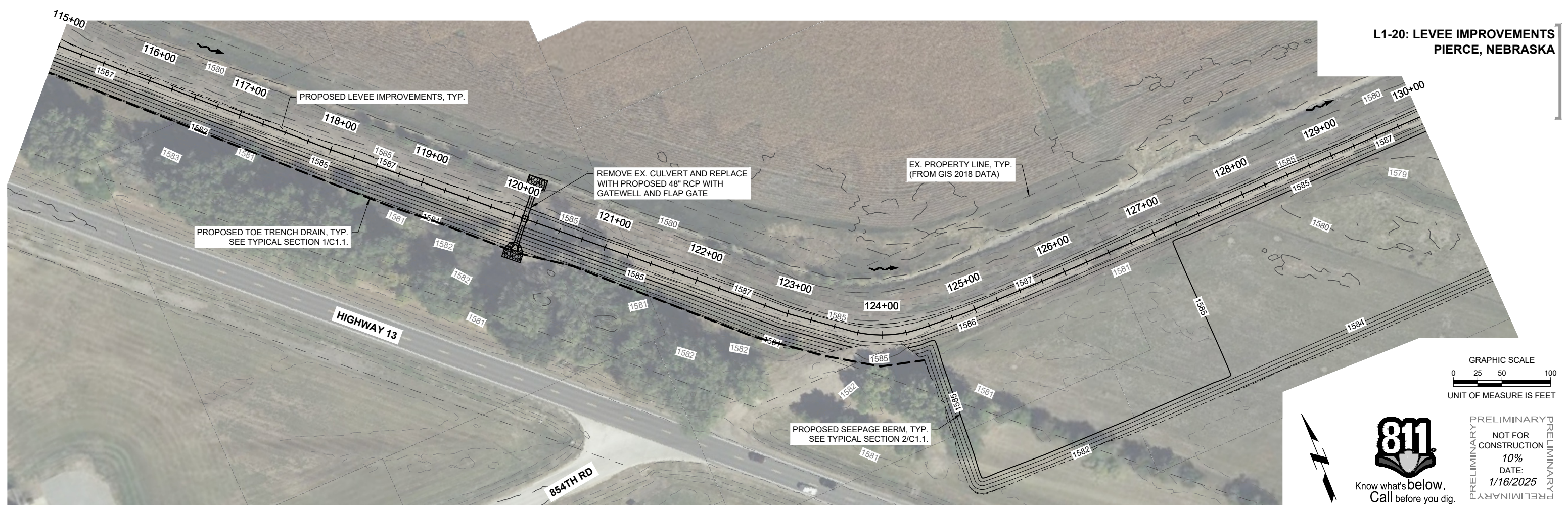
(2

EARTHWORK TABLE	
CUT	FILL
1,120 CY	188,570 CY

L1-20: LEVEE IMPROVEMENTS PIERCE, NEBRASKA



L1-20: LEVEE IMPROVEMENTS PIERCE, NEBRASKA



L1-20: LEVEE IMPROVEMENTS PIERCE, NEBRASKA

