APPENDIX C: SUPPORT MAPS

LIST OF MAPS INCLUDED IN APPENDIX

Layout Maps

- Scaled Drawings
  - L1-1: Levee
  - F8-3: Dam
  - DC1-10: Detention Cell
  - G2-2: Channel Improvements / Grade Stabilization
- Affected Resource Area (ARA) and Area of Potential Effect (APE) maps

Floodplain Maps

- Pre-Project (existing) and Post-Project (proposed) flooding depth and extent maps
  - 100-year flooding event
  - 500-year flooding event
- Breach Maps
  - Dam Breach Extents
  - Dam Breach - Depth at House
  - Dam Breach - Depth at Highway
  - Dam Breach - Depth x Velocity at House
  - Dam Breach - Depth x Velocity at Highway
  - Levee Breach Extents
  - Levee Breach - Depth x Velocity

Other Supporting Maps

- Scientific Resources Map
- K-Dike Flood Easement Map

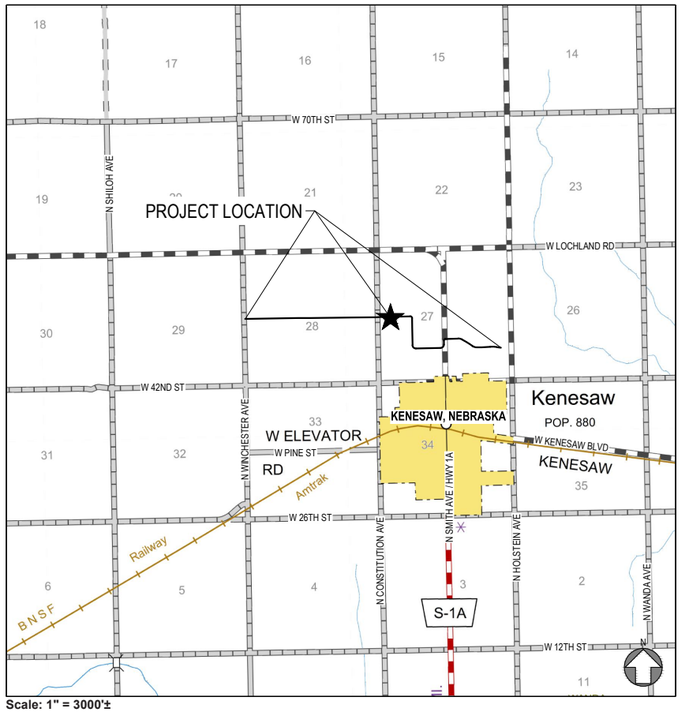
Plotted By: ERIC OLSON
Sheet Size: ANSI EXPAND B (11.00 X 17.00 INCHES) Plot Scale: 0.5:1

L1-1: K-DIKE IMPROVEMENTS KENESAW, NEBRASKA

THE 2024 LITTLE BLUE NRD 32-MILE CREEK WFPO WATERSHED PLAN

Client Project No.: ? ? ?
JEO Project No.: 191078.01
[Grant Info] ?
[EG, SEC/T/R] ?

LOCATION MAP



Scale: 1" = 3000'±

SHEET IDENTIFICATION

DISCIPLINE DESIGNATOR
SHEET TYPE DESIGNATOR
SHEET SEQUENCE

A101

DISCIPLINE DESIGNATOR	
G	GENERAL
C	CIVIL
A	ARCHITECTURAL
S	STRUCTURAL
M	MECHANICAL
P	PLUMBING
E	ELECTRICAL

SHEET TYPE DESIGNATOR	
0	GENERAL
1	PLANS
2	ELEVATIONS, PLAN & PROFILES AND PROFILES
3	SECTIONS
4	LARGE SCALE VIEWS
5	DETAILS
6	SCHEDULES AND DIAGRAMS
7	NOT USED
8	NOT USED
9	3D REPRESENTATIONS

CONTACTS

OWNER:

Address:
LITTLE BLUE
NATURAL RESOURCE DISTRICT

Contact Info:
? ? ?
LBNRD@LITTLEBLUENRD.ORG
P: 402.364.2145

COORDINATING PROFESSIONAL:

Address:
JEO CONSULTING GROUP
1937 N CHESTNUT ST
WAHOO, NE 68066

Contact Info:
? ? ?
[email@domain.com]
P: 800.723.8567 | F:?

I, [name of licensee], am the coordinating professional on the [project name] project.

CIVIL ENGINEER:

Address:
JEO CONSULTING GROUP
1937 N CHESTNUT ST
WAHOO, NE 68066

Contact Info:
[Contact Name]
[name@domain.com]
P: [000.000.0000] | F: [000.000.0000]

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All site plan information is based upon US SURVEY FEET (sFT)

NOTE: NEITHER THE OWNER (CLIENT) NOR JEO CONSULTING GROUP, INC. ASSUMES ANY RESPONSIBILITY FOR UTILITY LOCATIONS BEING ACCURATELY SHOWN OR NOT SHOWN ON THE PLANS. A REQUEST FOR UTILITY LOCATES WAS MADE FOR THIS LOCATION AS PER THE ONE-CALL NOTIFICATION SYSTEM ACT.

(DATE: OC DATE TICKET NO.: TICKET NO).
(DATE: OC DATE TICKET NO.: TICKET NO).

UTILITIES SHOWN ARE FROM FIELD MARKINGS PROVIDED IN THE FIELD BY THE UTILITY PROVIDERS.

THE EXACT LOCATION AND/OR SIZE OF UNDERGROUND FEATURES MAY NOT BE ACCURATELY, COMPLETELY AND RELIABLY DEPICTED. FIELD VERIFICATION OF UTILITIES MAY BE REQUIRED. CONTRACTOR(S) SHALL NOTIFY THE RESPECTIVE UTILITY COMPANIES BEFORE COMMENCING ANY WORK.

INDEX OF SHEETS

SHEET NO.	SHEET NAME
G001	COVER SHEET, LOCATION MAP, & INDEX OF SHEETS
G002	SYMBOLS SHEET
C101	PROJECT VICINITY MAP
C102	OVERALL PROJECT - LEVEE GRADING LIMITS
C201 - C211	LEVEE - PLAN & PROFILES
C221 - C223	ROAD - PLAN & PROFILES

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AUTHORIZATION NUMBER: CA-0069

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402.364.2145

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ISSUE

MARK	DATE	DESCRIPTION
A	10/30/2024	10% PRELIM DESIGN

THE 2024 LITTLE BLUE NRD 32-MILE CREEK WFPO WATERSHED PLAN

L1-1: K-DIKE IMPROVEMENTS KENESAW, NEBRASKA

JEO Project No.: 191078.01
Drawn by: JRC
QAQC: -

US SURVEY FEET (sFT)

COVER SHEET, LOCATION MAP, & INDEX OF SHEETS

G001

Drawing Name: S:\191078.01-Levee-Geo.dwg
File Path: J:\Projects\191078.01 - Little Blue NRD Thirty-Two Mile Creek WFPO Watershed Plan\5 Study and Report\1 Drawings\Sheets\L1-1_K-Dike_Levee

Plotted By: ERIC OLSON
Sheet Size: ANSI EXPAND B (11.00 X 17.00 INCHES) | Plot Scale: 0.5:1

LINESTYLES

ITEM	SYMBOL
BREAK LINE	
CABLE TELEVISION	UTV
CABLE TV (NS)	<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
CULVERT	ST
ELECTRIC (OVHD)	OHE
ELECTRIC (OVHD, NS)	<OHE>
ELECTRIC (UGND)	UGE
ELECTRIC (UGND, NS)	<UGE>
FENCE (WOODEN)	
FENCE (WIRE OR UNKNOWN)	
FENCE (CHAINLINK)	
FENCE (SECURITY)	
FIBER OPTIC LINE	FO
FIBER OPTIC LINE (NS)	<FO>
FLOWLINE (BREAKLINE)	
GAS LINE	G
GAS LINE (NS)	<G>
GUARDRAIL	
PROPERTY BOUNDARY	
PROPERTY LOT LINES (PR)	
PROPERTY LINES (EX,NS)	
RIGHT-OF-WAY LINE	ROW
RAILROAD RIGHT-OF-WAY	RR ROW
RAILROAD TRACKS	
RETAINING WALL	
SANITARY SEWER (EX)	8" SAN
SANITARY SEWER (NS)	<SAN>
SANITARY SEWER (PR)	8" SAN
SAN SEWER FORCE MAIN (EX)	8" FM
SAN SEWER FORCE MAIN (PR)	8" FM
STORM SEWER (EX)	12"ST (OFFSET TO PIPE SIZE)
STORM SEWER (NS)	<ST>
STORM SEWER (PR)	12" ST (OFFSET TO PIPE SIZE)
TELEPHONE LINE (UGND)	UGT
TELEPHONE LINE (UGND,NS)	<UGT>
TELEPHONE LINE (OVHD)	OHT
TELEPHONE LINE (OVHD,NS)	OHT
TERRACE	
CROPLINE	
TRAVELED WAY	
WATER (EX)	6" W
WATER (NS)	<W>
WATER (PR)	6" W
FIRE SERVICE	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	D
STORM SEWER MANHOLE	Ⓓ
SANITARY	
CLEANOUT	Ⓒ
SEPTIC TANK	(S)
SANITARY MANHOLE	
POWER, ELECTRICAL, LIGHT, AND TRAFFIC	
AIR CONDITIONING UNIT	A
ANTENNA	
ANCHOR POLE/POST	○
GUY POLE	
GUY WIRE ANCHOR	
ELECTRICAL HIGHLINE TOWER (METAL OR CONCRETE)	
POWER POLE (EXISTING)	
POWER POLE (PROPOSED)	
POWER (ELEC) PEDESTAL	P
POWER (ELEC) PULL BOX OR MANHOLE	Ⓟ
POWER (ELEC) METER	
LIGHT POLE	
TRAFFIC SIGNAL	
TRAFFIC SIGNAL BOX	SB
TELEVISION PEDESTAL	TV
TELEVISION MANHOLE	Ⓣⓥ
WATER	
WATER MANHOLE	Ⓦ
WATER VALVE	
WATER SHUT OFF OR CURB STOP	⊗
WELL	
WATER METER	W
WATER METER PIT	WP
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	G
GAS MANHOLE	Ⓖ
GAS FILL PIPE	
GAS PUMP	
GAS VALVE	
GAS VENT	Ⓥ
TELEPHONE	
FIBER OPTICS PULL BOX	FO
TELEPHONE POLE	
TELEPHONE PULL BOX OR MANHOLE	Ⓣ
TELEPHONE PEDESTAL	T
MANHOLE (NON-SPECIFIC)	
UNDERGRND STORAGE TANK	UST
VALVE (NON-SPECIFIC)	

SITE & SIGNAGE

ITEM	SYMBOL
SIGN	
BARRICADE	
ROAD SIGNS	
COUNTY ROAD	0
INTERSTATE HIGHWAY	0
STATE HIGHWAY	0
U.S. HIGHWAY	0
MILE MARKER POST	M
RIGHT OF WAY MARKER	R
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)	0000.00 TC / 1000.00 TC
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
INLET PROTECTION	
STRAW WATTLE CHECK	
STRAW BALE CHECK	
FLOW ARROW (PLAN)	
AREA INLET FILTER PROTECTION	

GENERAL

ITEM	SYMBOL
PLAN REVISION	1
NORTH ARROW	N
GRAPHIC SCALE PLAN	GRAPHIC SCALE 0 10 20 40 UNIT OF MEASURE IS FEET
GRAPHIC SCALE PROFILE/ CROSS SECTION	HORIZ.= 0 0 00 VERT.= 0 0 00
KEYNOTE OR TABULAR NOTE	101
REFERENCED NOTE	4
ELEVATION	0000.00'
SECTION	1 101 1 101
ENLARGED DETAIL	0 D0.0

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ISSUE

MARK	DATE	DESCRIPTION
A	10/30/2024	10% PRELIM DESIGN

THE 2024 LITTLE BLUE NRD 32-MILE CREEK WFPO WATERSHED PLAN

L1-1: K-DIKE IMPROVEMENTS KENESAW, NEBRASKA

JEO Project No.: 191078.01
Drawn by: JRC
QAQC: -

US SURVEY FEET (sFT)

SYMBOLS SHEET

G002

Drawing Name: S:\191078.01\4-Levee-Gen.dwg
File Path: J:\Projects\191078.01 - Little Blue NRD Thirty-Two Mile Creek WFPO Watershed Plan\5 Study and Report\1 Drawings\Sheets\L1-1 - K-Dike_Levee



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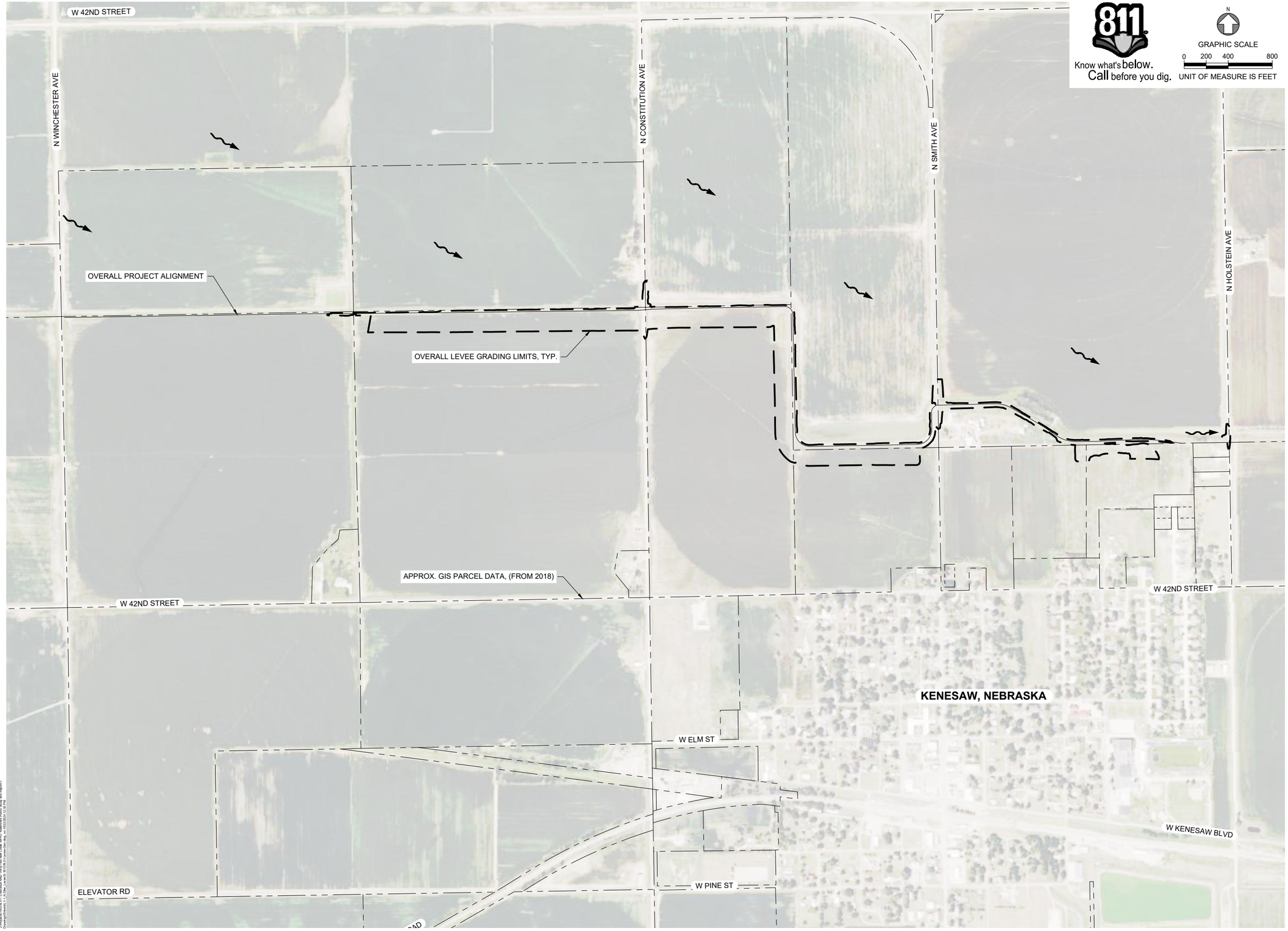
JEO Project No.:	191078.01
Drawn by:	JRC
QAQC:	-

US SURVEY FEET (sFT)

PROJECT VICINITY MAP

C101

J:\Projects\191078.01 - Little Blue NRD Thirty-Two Mile Creek WFPO Watershed Plan\5 Study and Report\
Drawings\Sheets\ L1-1 K-Dike_Levee\ 191078.01-Levee-Dist.dwg, on 10/22/2024 12:31 PM



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JEO Project No.:	191078.01
Drawn by:	JRC
QAQC:	-

US SURVEY FEET (sFT)

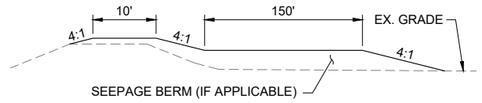
OVERALL PROJECT
LEVEE GRADING LIMTS

C102

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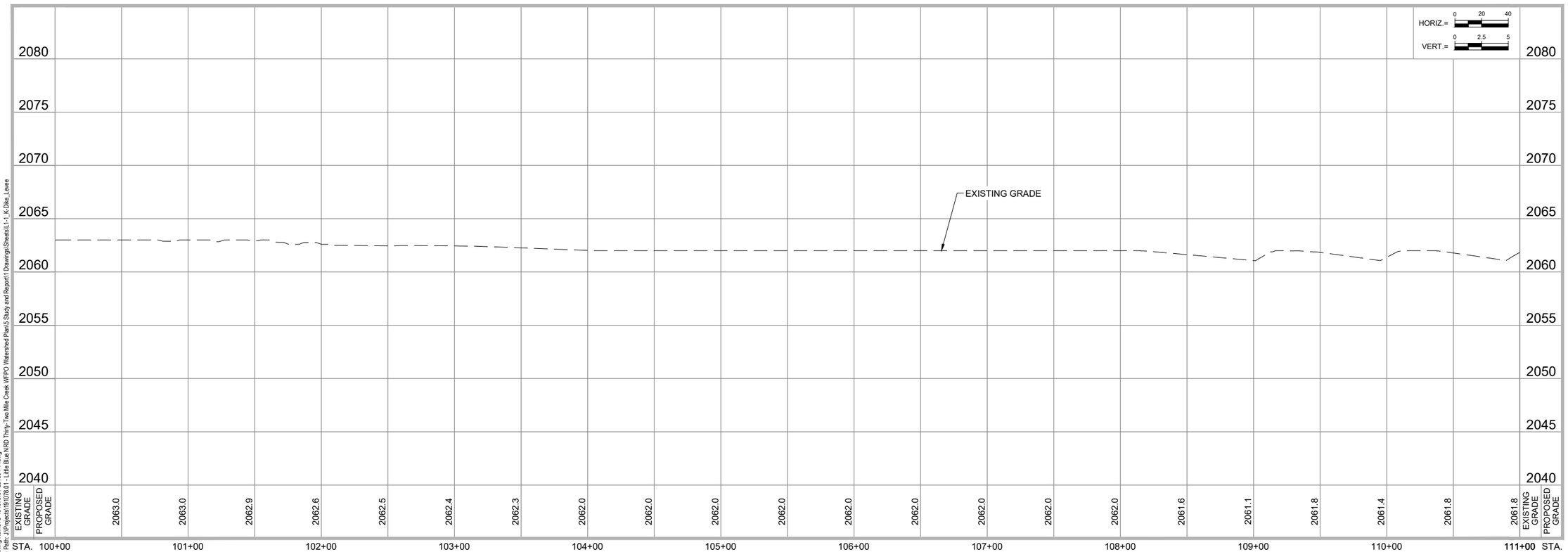
Plotted By: ERIC OLSON
Sheet Size: ANSI EXPAND B (11.00 X 17.00 INCHES) | Plot Scale: 0.5:1

EARTHWORK TABLE		
CUT	FILL	NET
610 CY	98,930 CY	98,320 CY FILL



LEVEE W/ SEEPAGE BERM

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Drawn by:	JRC
QAQC:	-

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LEVEE

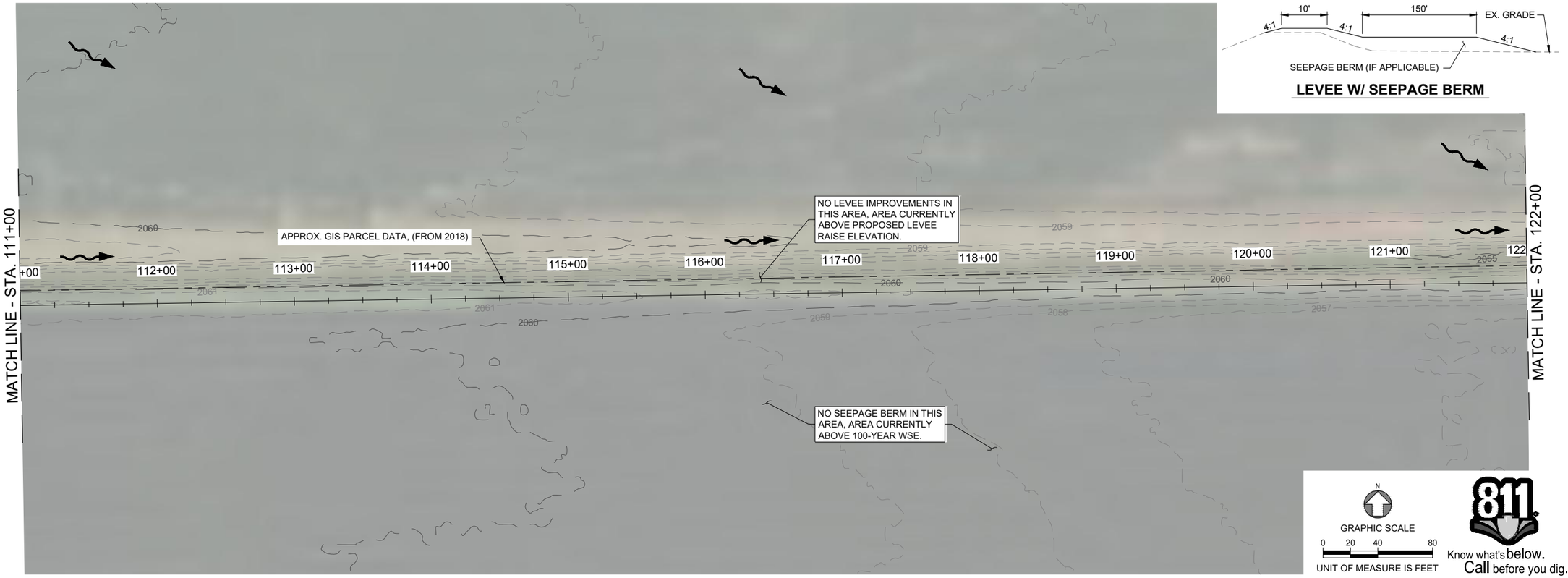
PLAN & PROFILE

STA. 100+00 TO STA. 111+00

C201

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Plotted By: ERIC.OLSON
Sheet Size: ANSI EXPAND B (11.00 X 17.00 INCHES) Plot Scale: 0.5:1

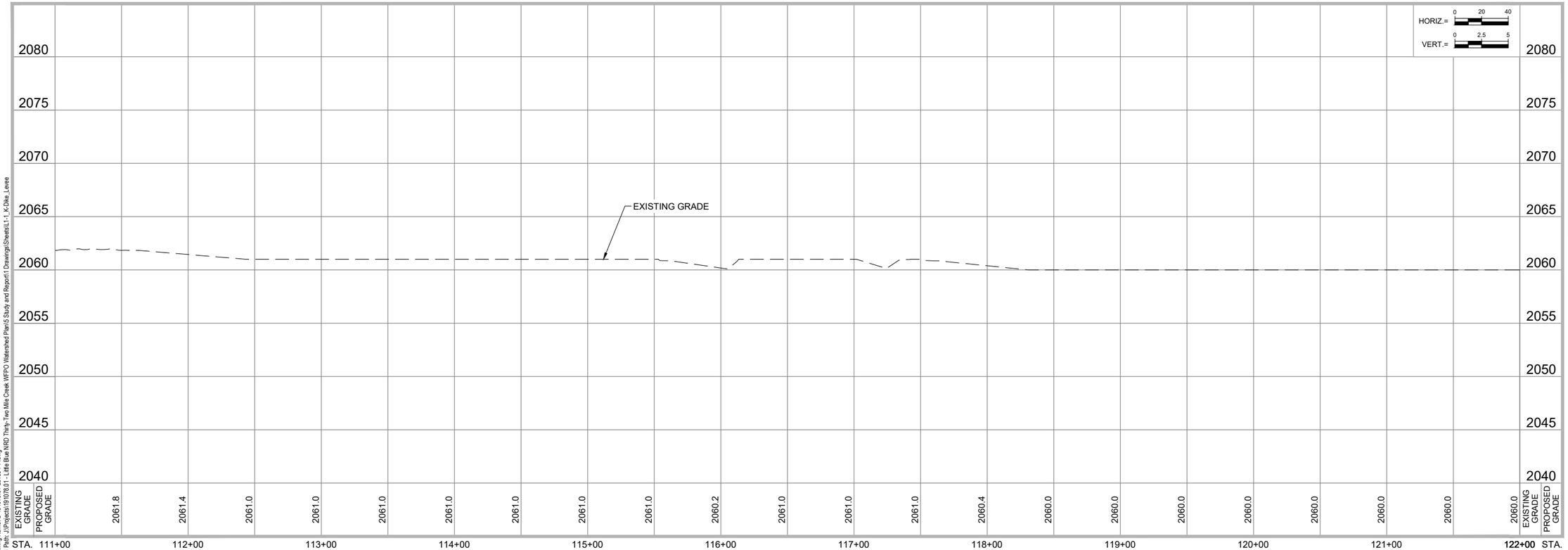


LEVEE W/ SEEPAGE BERM

N

GRAPHIC SCALE
0 20 40 80
UNIT OF MEASURE IS FEET

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JEO Project No.:	191078.01
Drawn by:	JRC
QAQC:	-

US SURVEY FEET (sFT)

LEVEE

PLAN & PROFILE

STA. 111+00 TO STA. 122+00

C202

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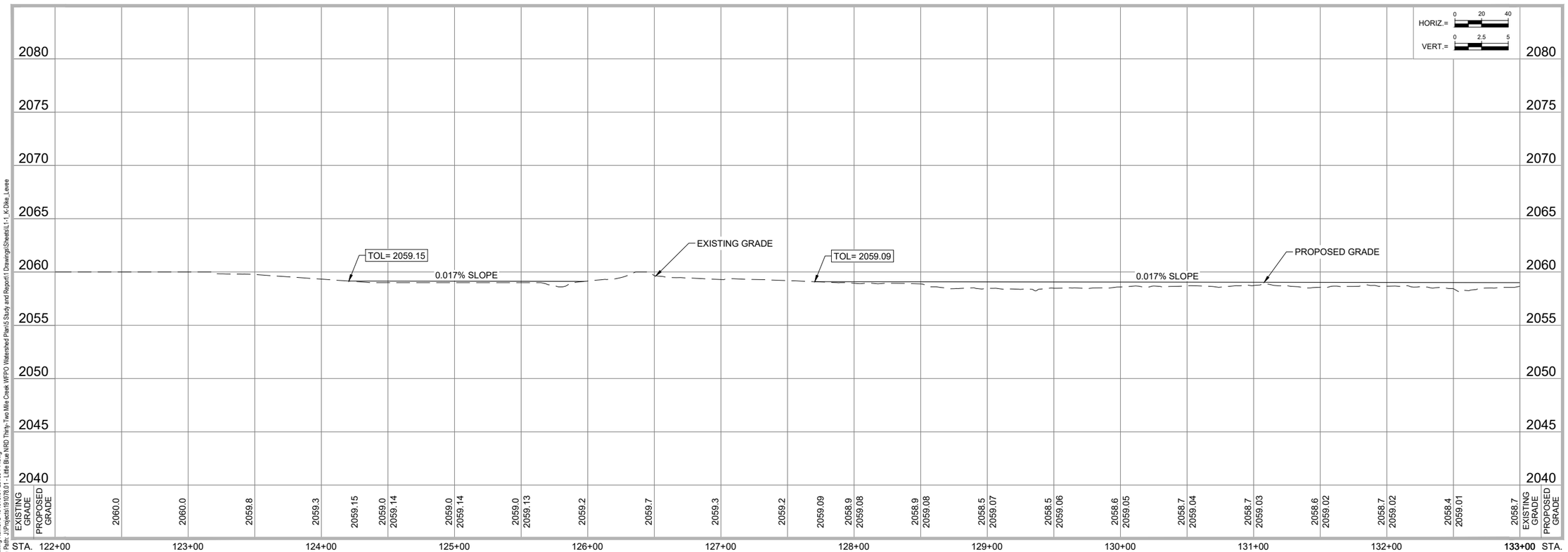
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LEVEE W/ SEEPAGE BERM

GRAPHIC SCALE
0 20 40 80
UNIT OF MEASURE IS FEET

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JEO Project No.:	191078.01
Drawn by:	JRC
QAQC:	-

US SURVEY FEET (sFT)

LEVEE

PLAN & PROFILE

STA. 122+00 TO STA. 133+00

C203

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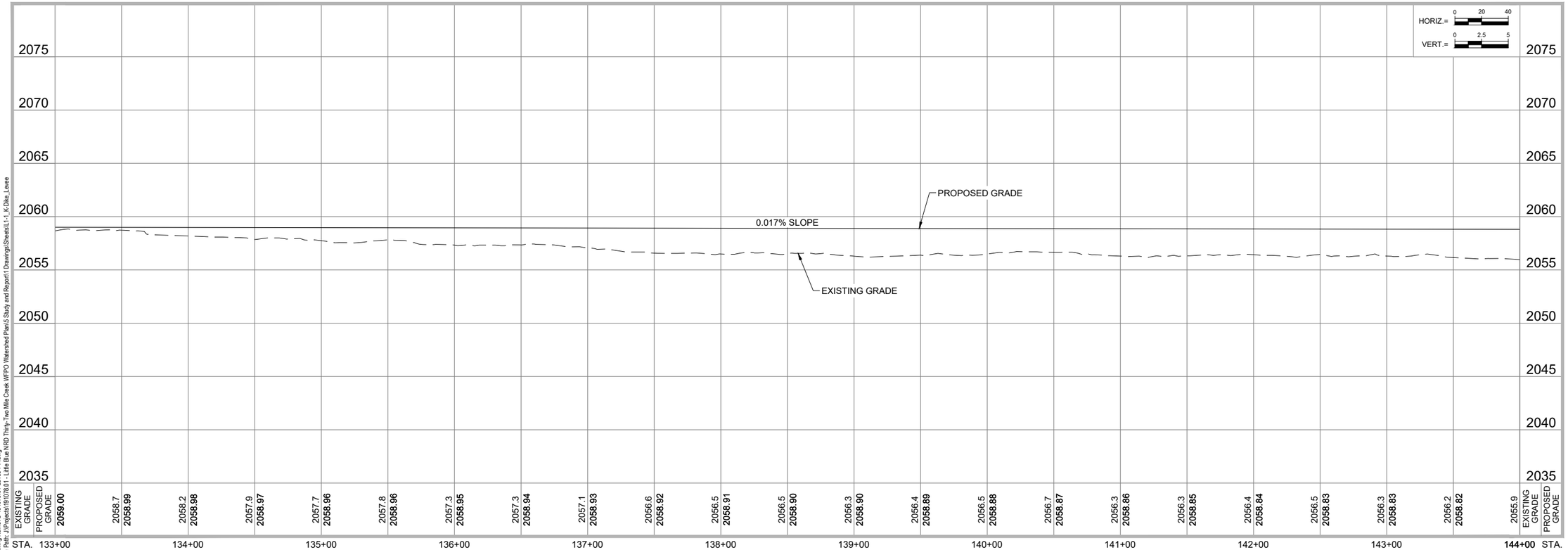
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LEVEE W/ SEEPAGE BERM

GRAPHIC SCALE
0 20 40 80
UNIT OF MEASURE IS FEET

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US SURVEY FEET (sFT)

LEVEE

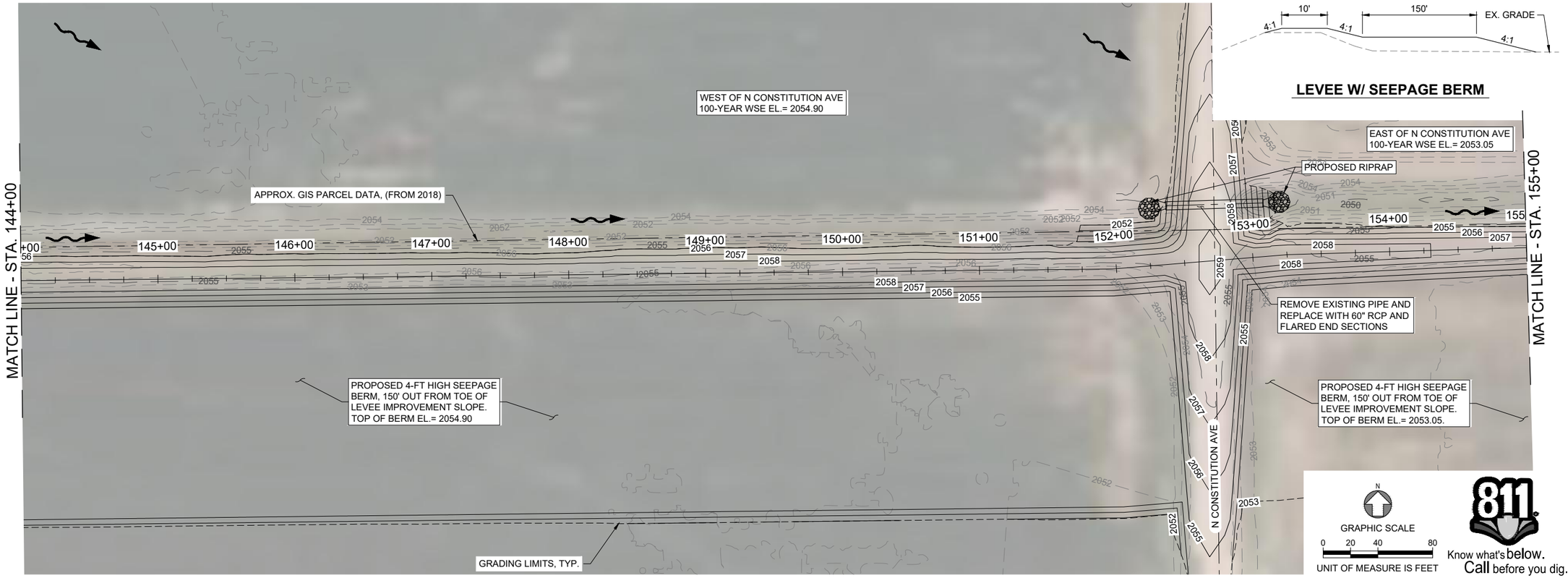
PLAN & PROFILE

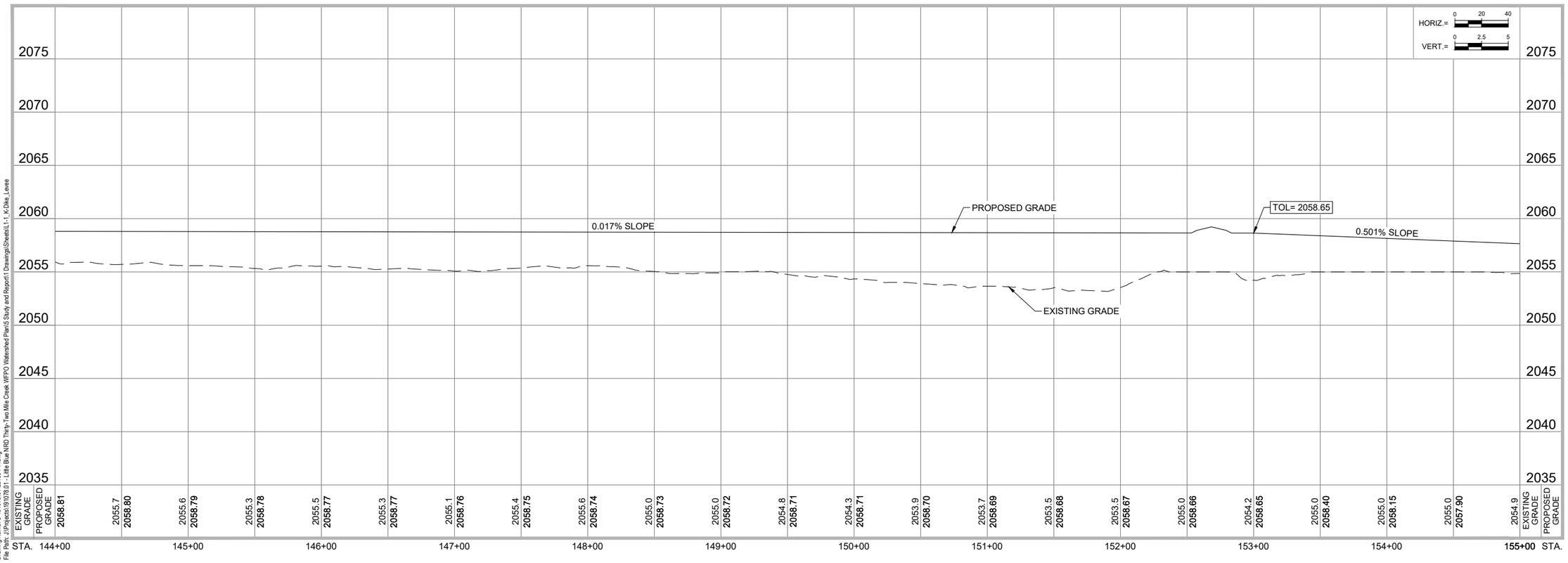
STA. 133+00 TO STA. 144+00

C204

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Plotted By: ERIC OLSON
Sheet Size: ANSI EXPAND B (11.00 X 17.00 INCHES) | Plot Scale: 1.0 : 1





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Drawn by:	JRC
QAQC:	-

US SURVEY FEET (sFT)

LEVEE

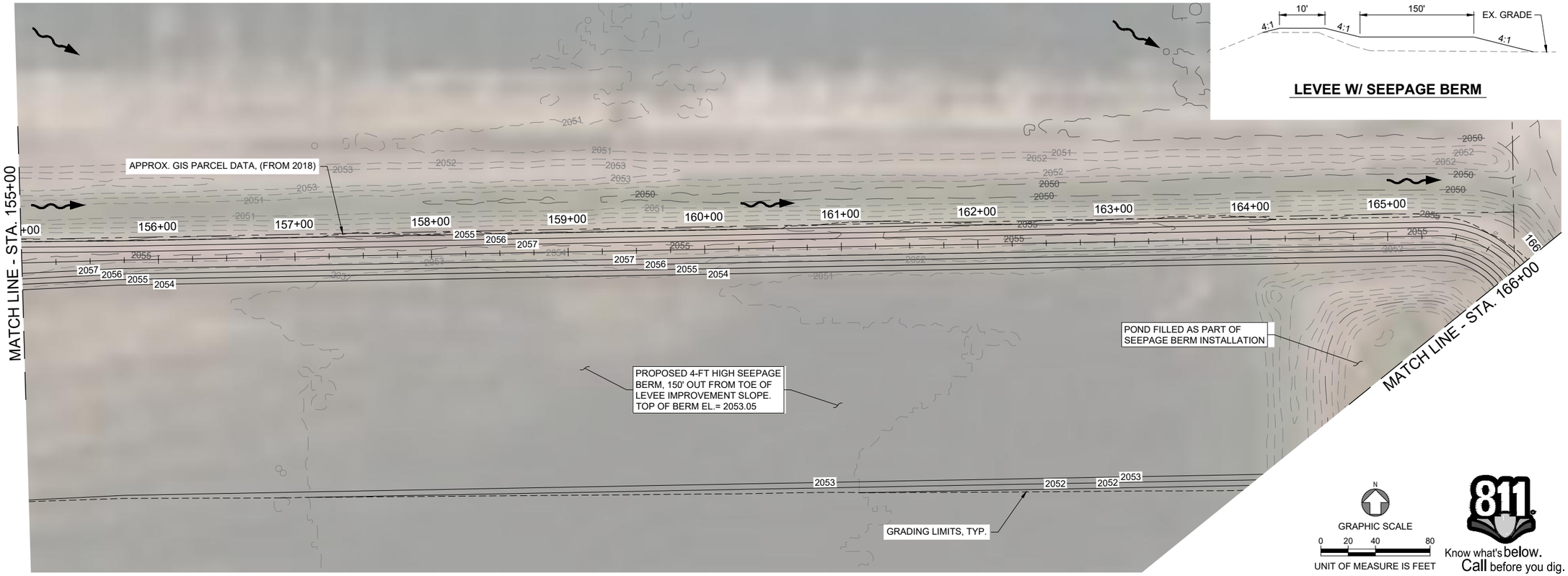
PLAN & PROFILE

STA. 144+00 TO STA. 155+00

C205

Drawing Name: S:\191078.01-Levee-PP.dwg
File Path: J:\Projects\191078.01 - Little Blue NRD Thirty-Two Mile Creek WFPO Watershed Plan\5 Study and Report\1 Drawings\Sheets\L1-1_K-Dike_Levee

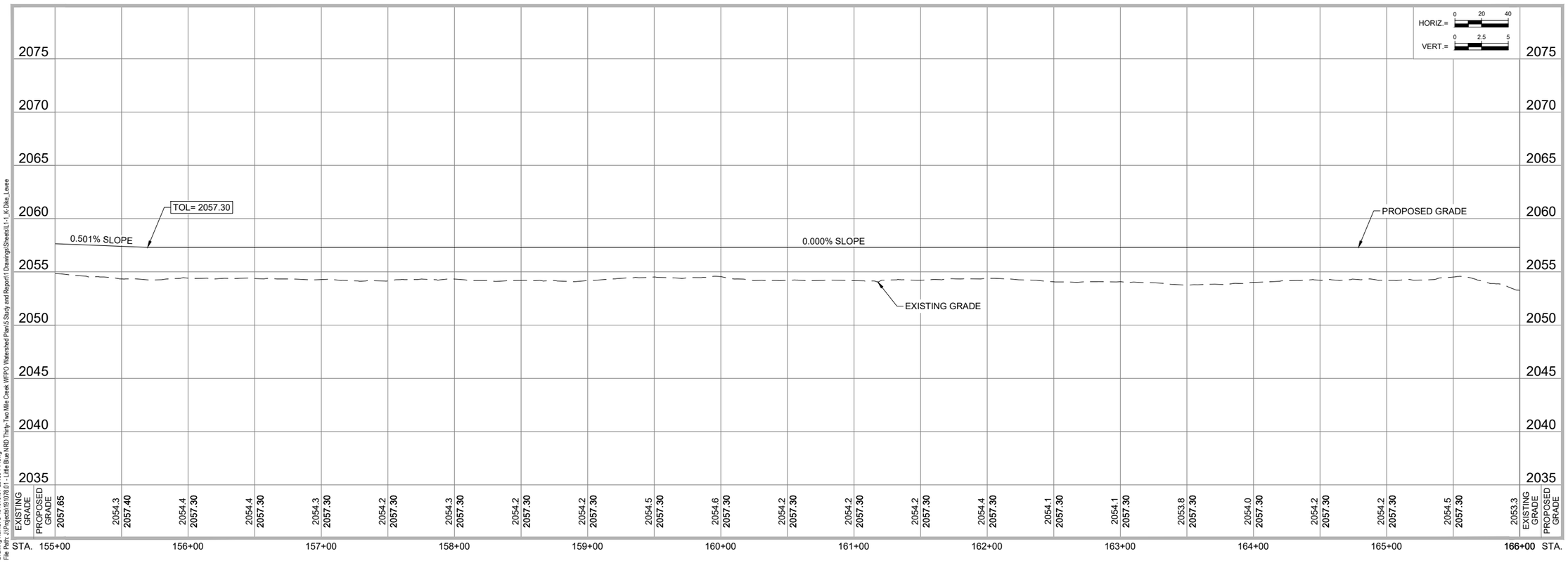
Plotted By: ERIC OLSON
Sheet Size: ANSI EXPAND B (11.00 X 17.00 INCHES) | Plot Scale: 0.5:1



LEVEE W/ SEEPAGE BERM

GRAPHIC SCALE
0 20 40 80
UNIT OF MEASURE IS FEET

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ORGANIZATION CERTIFICATE OF AUTHORIZATION NUMBER: CA-0069

LITTLE BLUE
NATURAL RESOURCE DISTRICT
402.364.2145

PRELIMINARY NOT FOR CONSTRUCTION 10% PRELIMINARY

ISSUE

MARK	DATE	DESCRIPTION
A	10/30/2024	10% PRELIM DESIGN

THE 2024 LITTLE BLUE NRD 32-MILE CREEK WFPO WATERSHED PLAN

L1-1: K-DIKE IMPROVEMENTS KENESAW, NEBRASKA

JEO Project No.:	191078.01
Drawn by:	JRC
QAQC:	-

US SURVEY FEET (sFT)

LEVEE

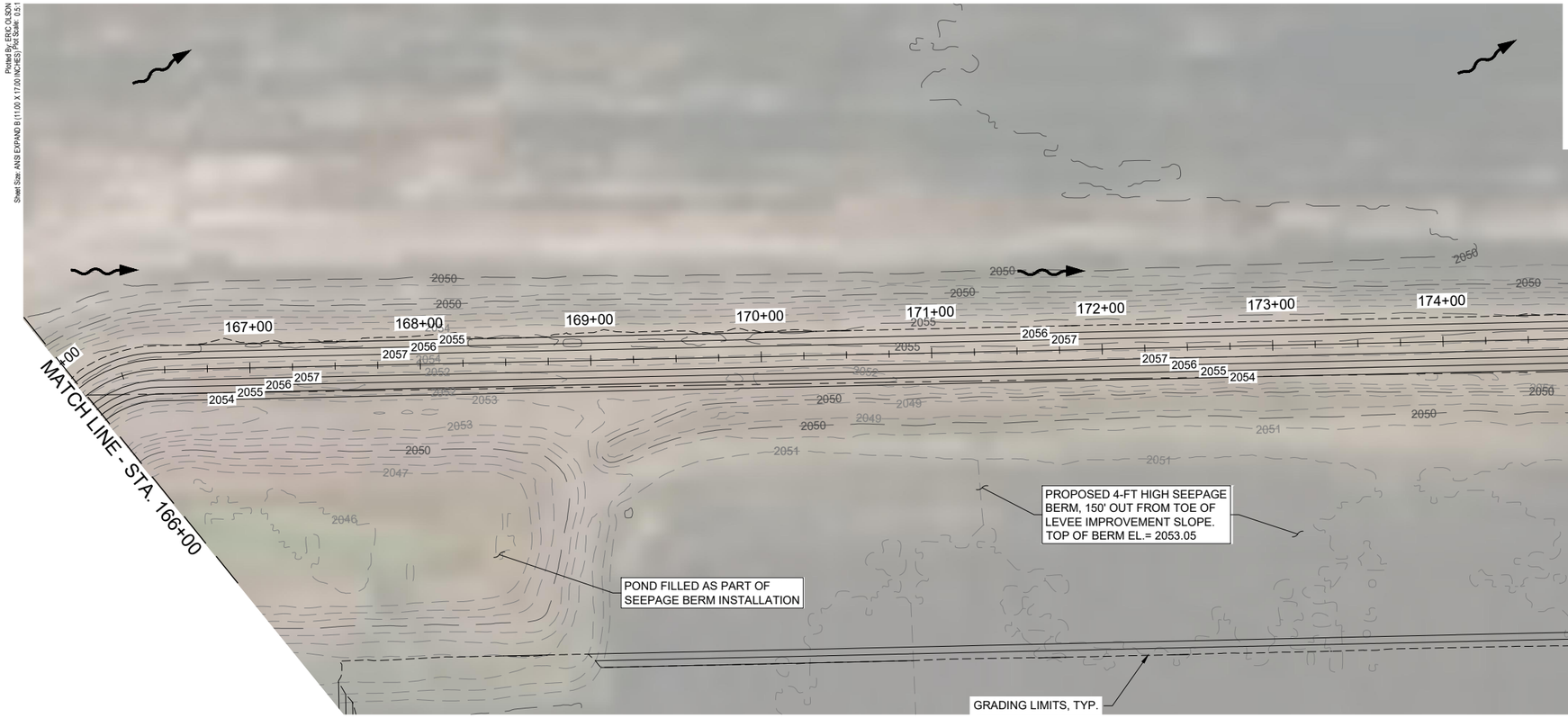
PLAN & PROFILE

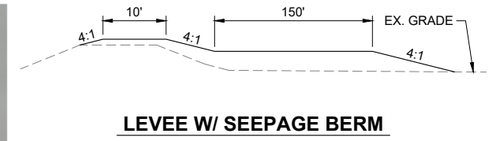
STA. 155+00 TO STA. 166+00

C206

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Plotted By: ERIC OLSON
Sheet Size: ANSI EXPAND B (11.00 X 17.00 INCHES) | Scale: 0.5:1





LEVEE W/ SEEPAGE BERM

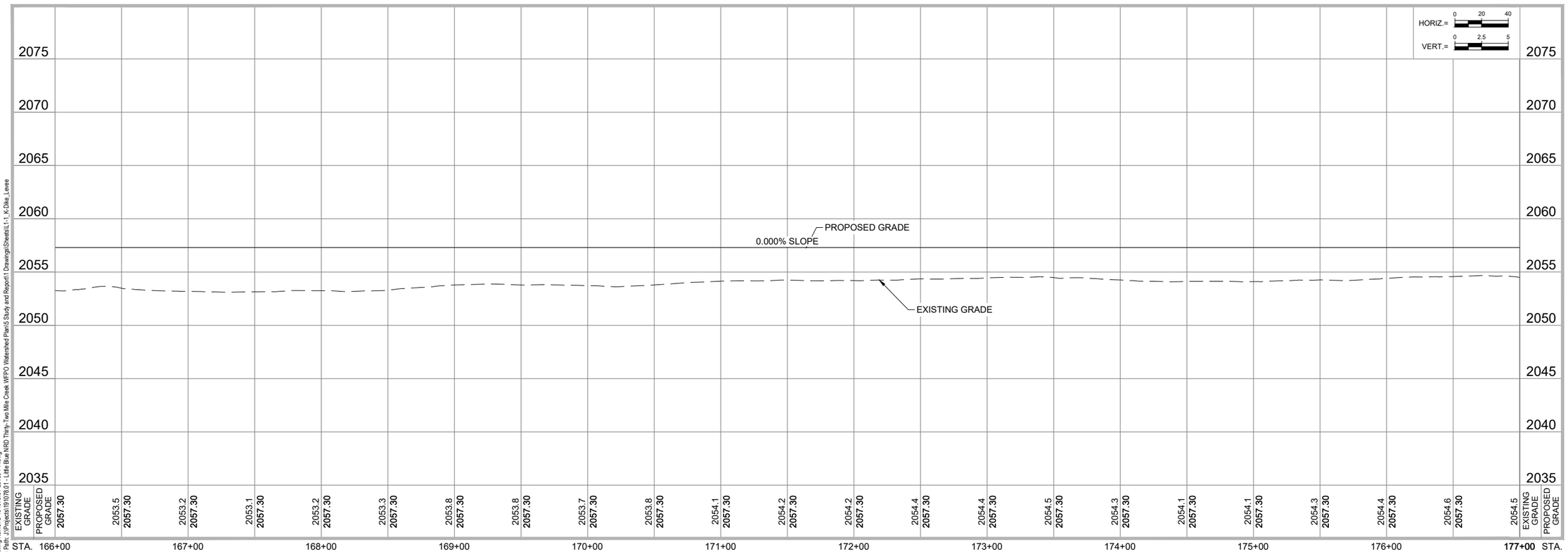
N

GRAPHIC SCALE

0 20 40 80

UNIT OF MEASURE IS FEET

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ISSUE

MARK	DATE	DESCRIPTION
A	10/30/2024	10% PRELIM DESIGN

THE 2024 LITTLE BLUE NRD 32-MILE CREEK WFPO WATERSHED PLAN

L1-1: K-DIKE IMPROVEMENTS KENESAW, NEBRASKA

JEO Project No.:	191078.01
Drawn by:	JRC
QAQC:	-

US SURVEY FEET (sFT)

LEVEE

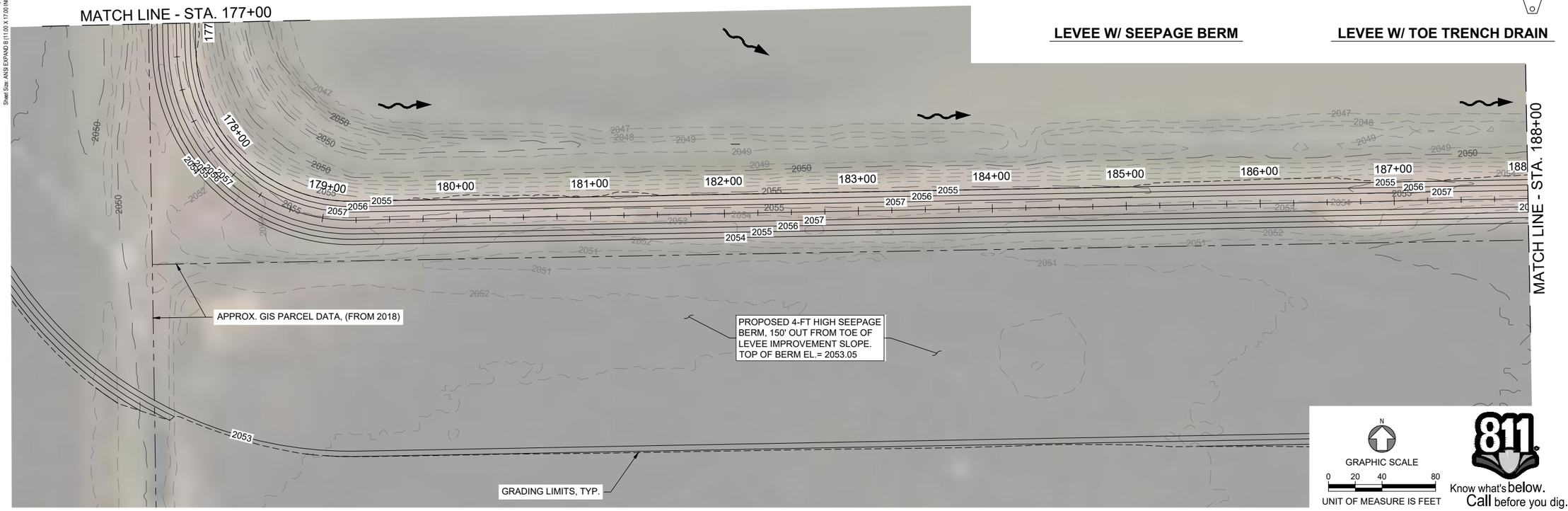
PLAN & PROFILE

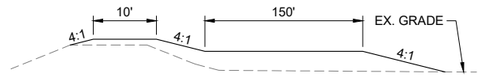
STA. 166+00 TO STA. 177+00

C207

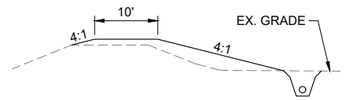
Drawing Name: S:\191078.01-Levee-PP.dwg
File Path: J:\Projects\191078.01 - Little Blue NRD Thirty-Two Mile Creek WFPO Watershed Plan\5 Study and Report\1 Drawings\Sheets\L1-1_K-Dike_Levee

Plotted By: ERIC OLSON
Sheet Size: ANSI EXPAND B (11.00 X 17.00 INCHES) | Plot Scale: 0.5:1





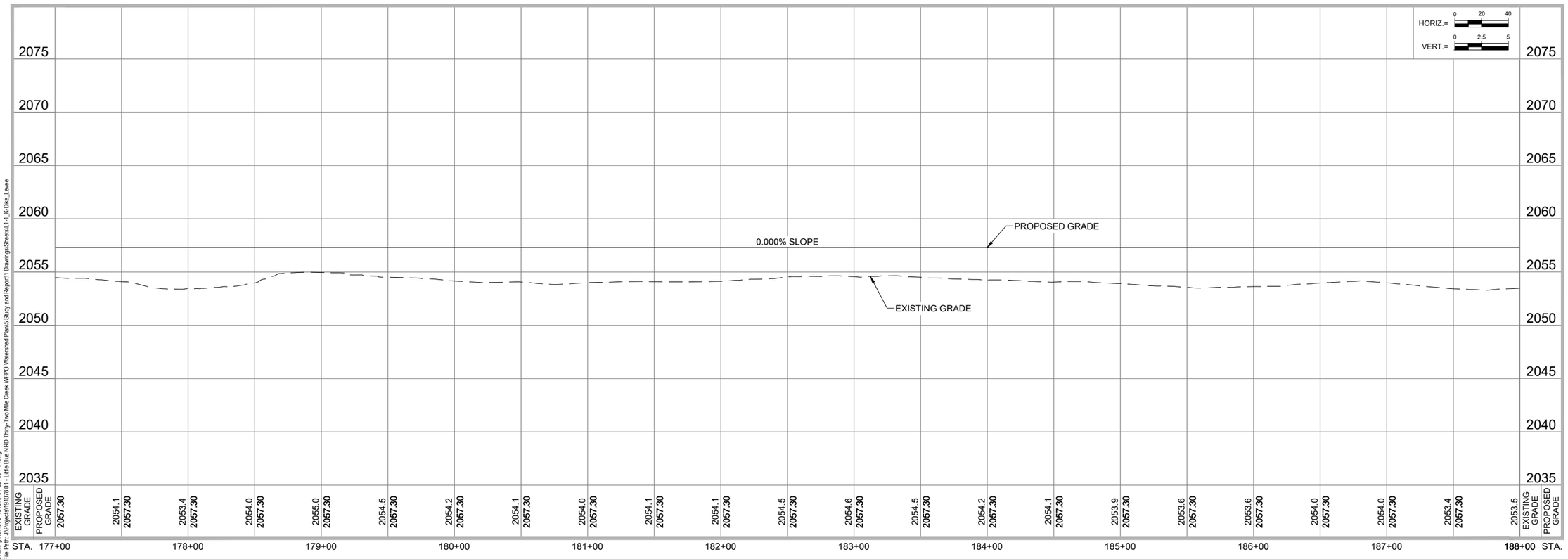
LEVEE W/ SEEPAGE BERM



LEVEE W/ TOE TRENCH DRAIN

GRAPHIC SCALE
0 20 40 80
UNIT OF MEASURE IS FEET

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NATURAL RESOURCE DISTRICT
402.364.2145

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ISSUE

MARK	DATE	DESCRIPTION
A	10/30/2024	10% PRELIM DESIGN

THE 2024 LITTLE BLUE NRD 32-MILE CREEK WFPO WATERSHED PLAN

L1-1: K-DIKE IMPROVEMENTS KENESAW, NEBRASKA

JEO Project No.:	191078.01
Drawn by:	JRC
QAQC:	-

US SURVEY FEET (sFT)

LEVEE

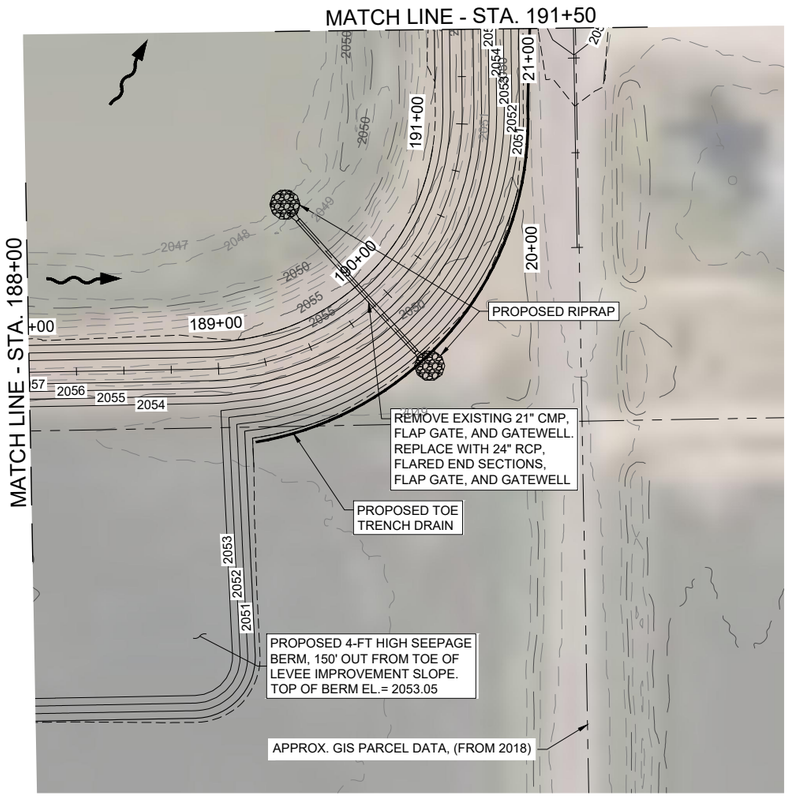
PLAN & PROFILE

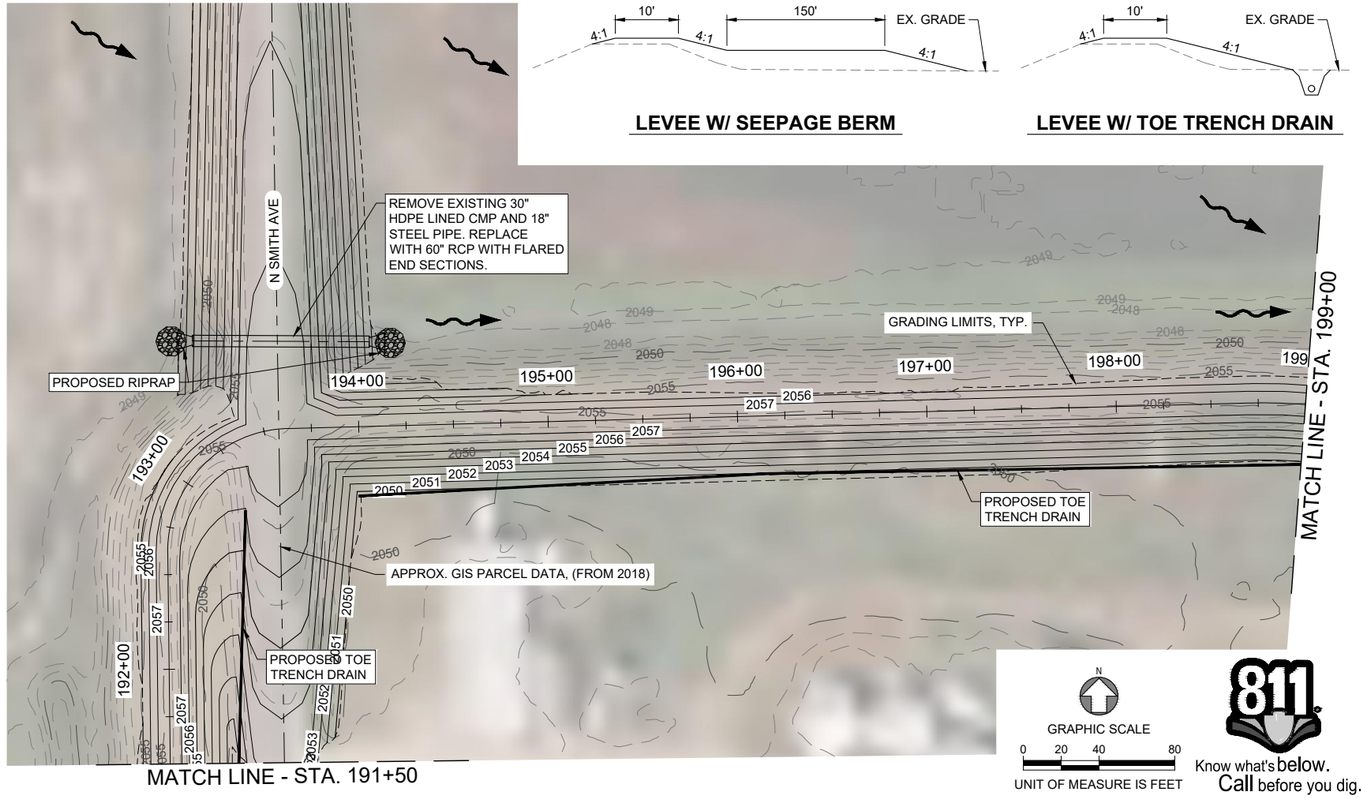
STA. 177+00 TO STA. 188+00

C208

Drawing Name: S:\191078.01-Levee-PP.dwg
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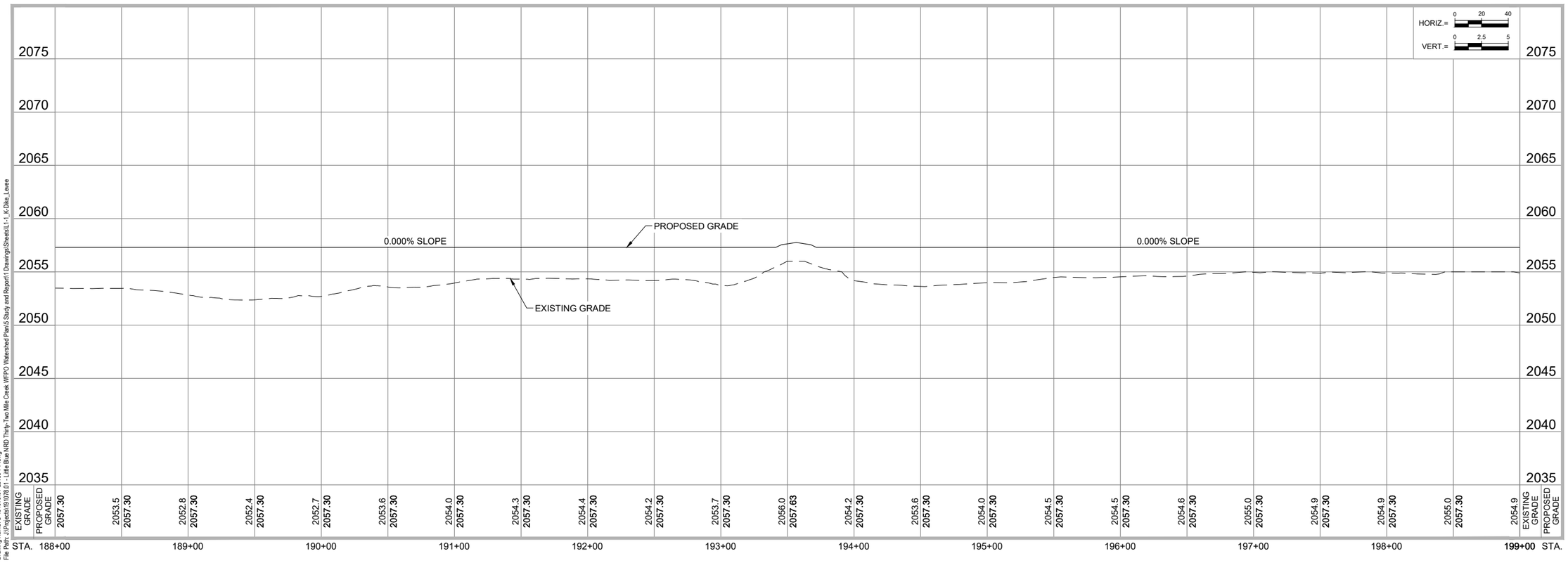
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LEVEE W/ SEEPAGE BERM

LEVEE W/ TOE TRENCH DRAIN



N

GRAPHIC SCALE
0 20 40 80
UNIT OF MEASURE IS FEET

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PRELIMINARY NOT FOR CONSTRUCTION 10% PRELIMINARY

ISSUE

MARK	DATE	DESCRIPTION
A	10/30/2024	10% PRELIM DESIGN

THE 2024 LITTLE BLUE NRD 32-MILE CREEK WFPO WATERSHED PLAN

L1-1: K-DIKE IMPROVEMENTS KENESAW, NEBRASKA

JEO Project No.:	191078.01
Drawn by:	JRC
QAQC:	-

US SURVEY FEET (sFT)

LEVEE

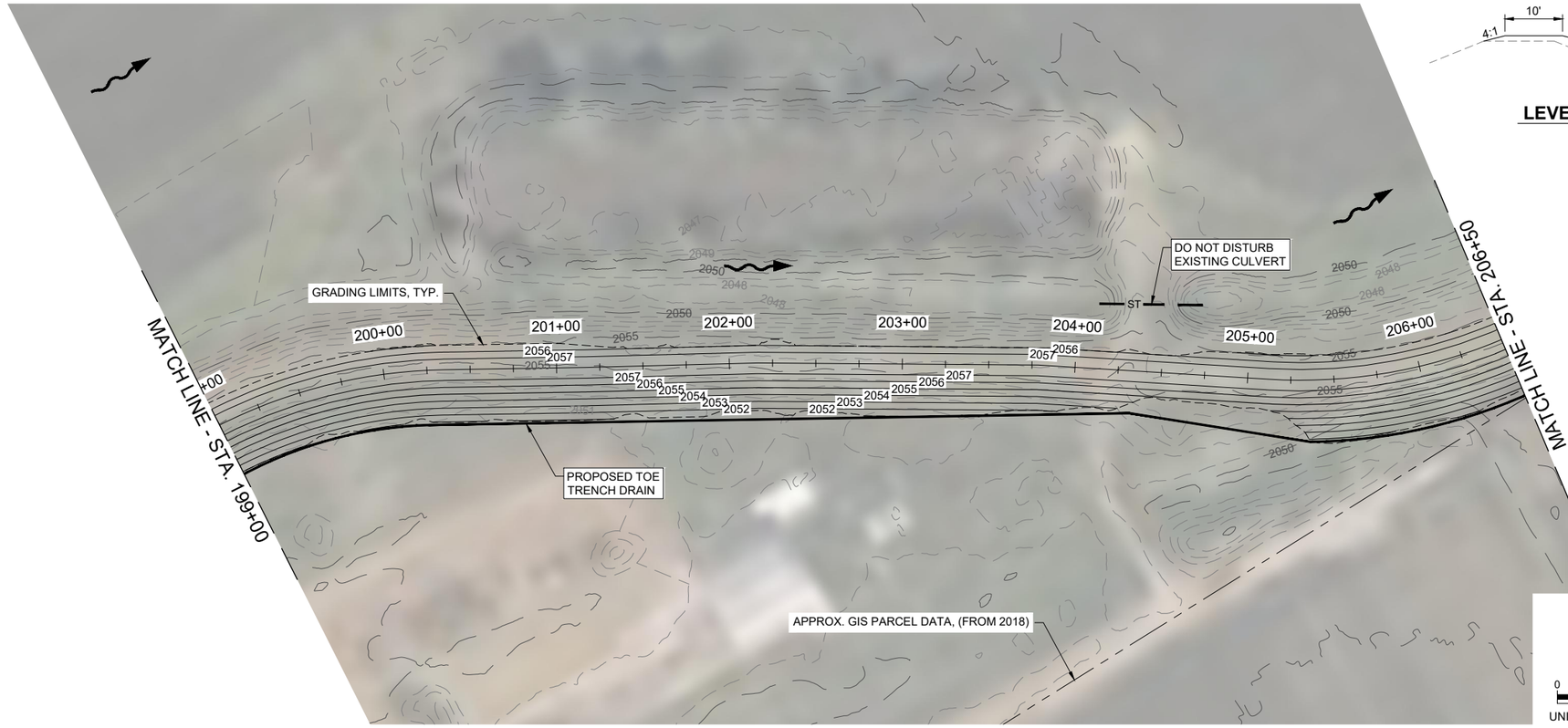
PLAN & PROFILE

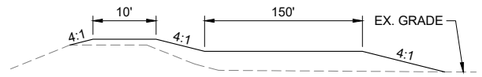
STA. 188+00 TO STA. 199+00

C209

Drawing Name: S:\191078.01-Levee-PP.dwg
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Plotted By: ERIC OLSON
Sheet Size: ANSI EXPAND B (11.00 X 17.00 INCHES) | Plot Scale: 0.5:1

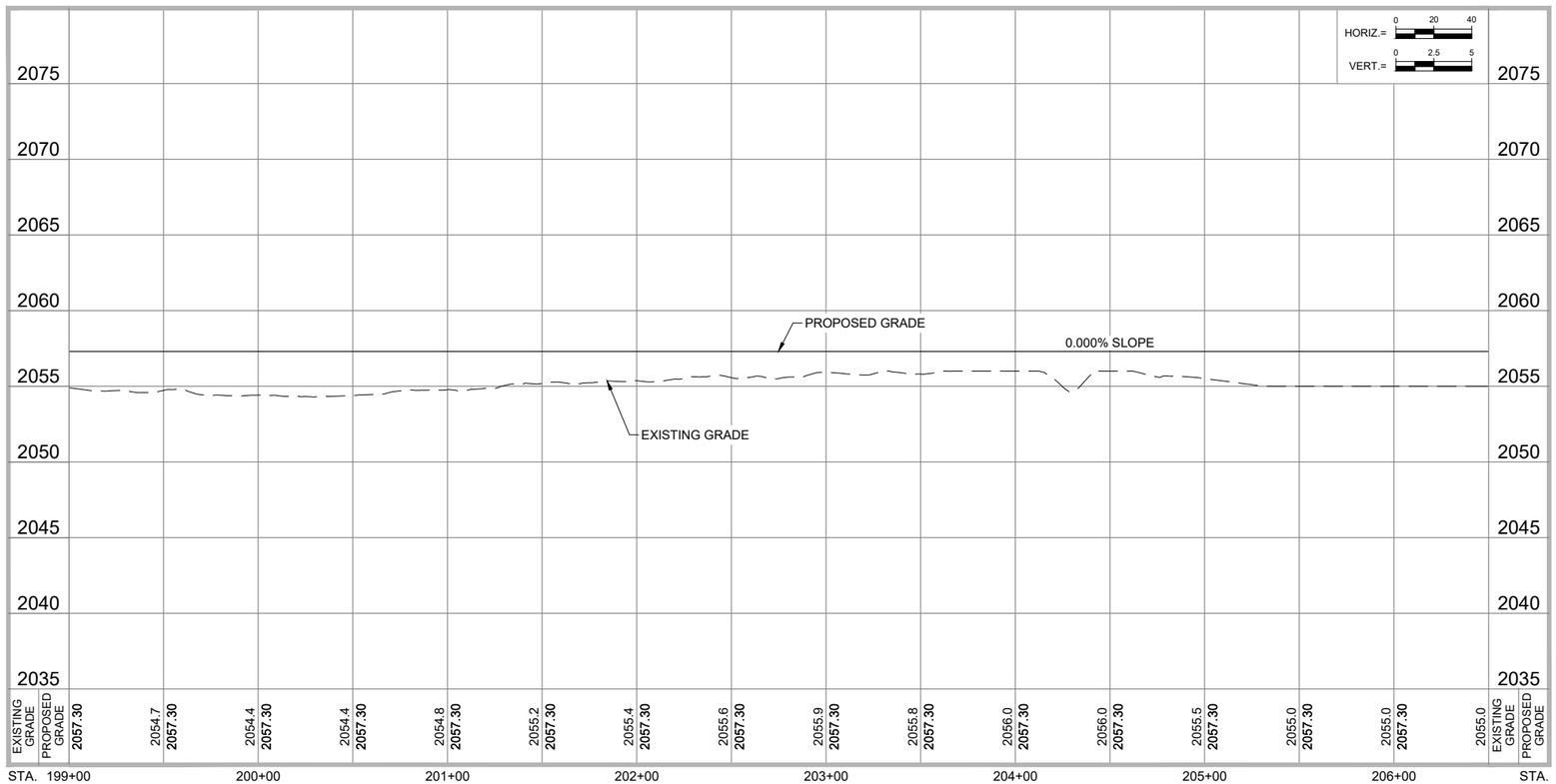




LEVEE W/ SEEPAGE BERM

GRAPHIC SCALE
0 20 40 80
UNIT OF MEASURE IS FEET

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PRELIMINARY
NOT FOR CONSTRUCTION
10%

ISSUE

MARK	DATE	DESCRIPTION
A	10/30/2024	10% PRELIM DESIGN

THE 2024 LITTLE BLUE NRD 32-MILE CREEK WFPO WATERSHED PLAN

L1-1: K-DIKE IMPROVEMENTS KENESAW, NEBRASKA

JEO Project No.:	191078.01
Drawn by:	JRC
QAQC:	-

US SURVEY FEET (sFT)

LEVEE

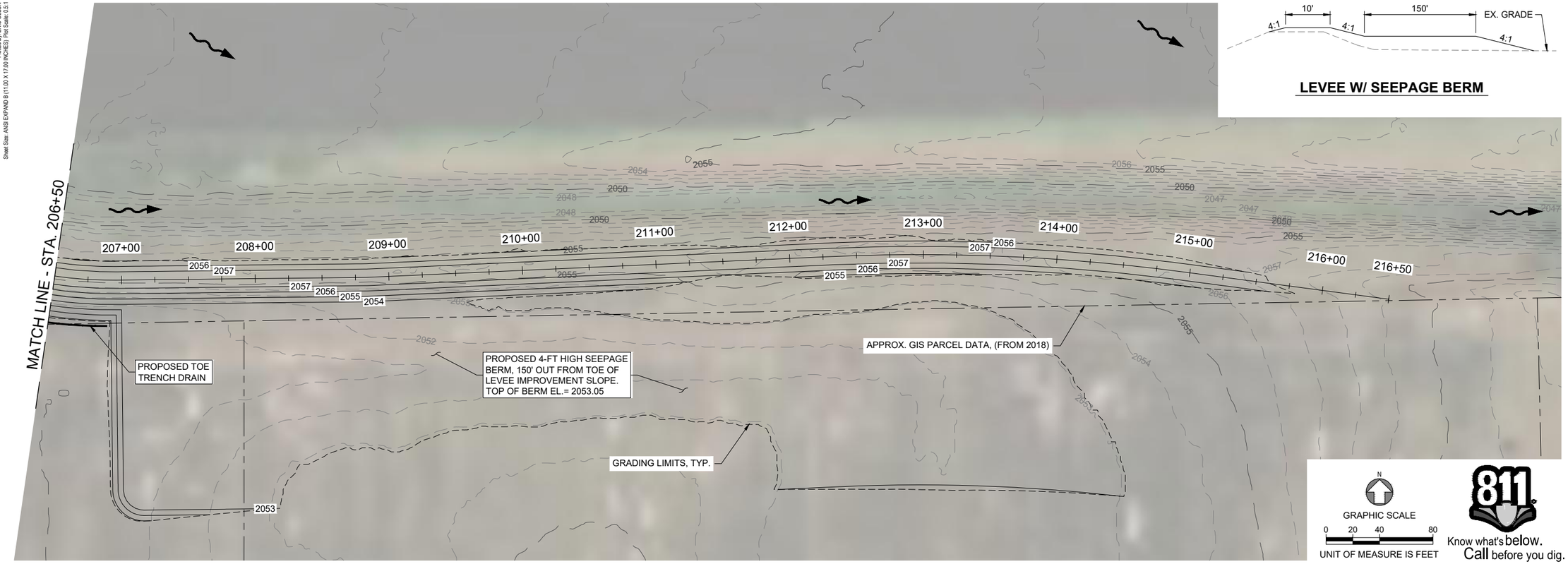
PLAN & PROFILE

STA. 199+00 TO STA. 206+50

C210

Drawing Name: S:\191078.01-Levee-PP.dwg
File Path: J:\Projects\191078.01 - Little Blue NRD Thirty-Two Mile Creek WFPO Watershed Plan\5 Study and Report\1 Drawings\Sheets\L1-1_K-Dike_Levee

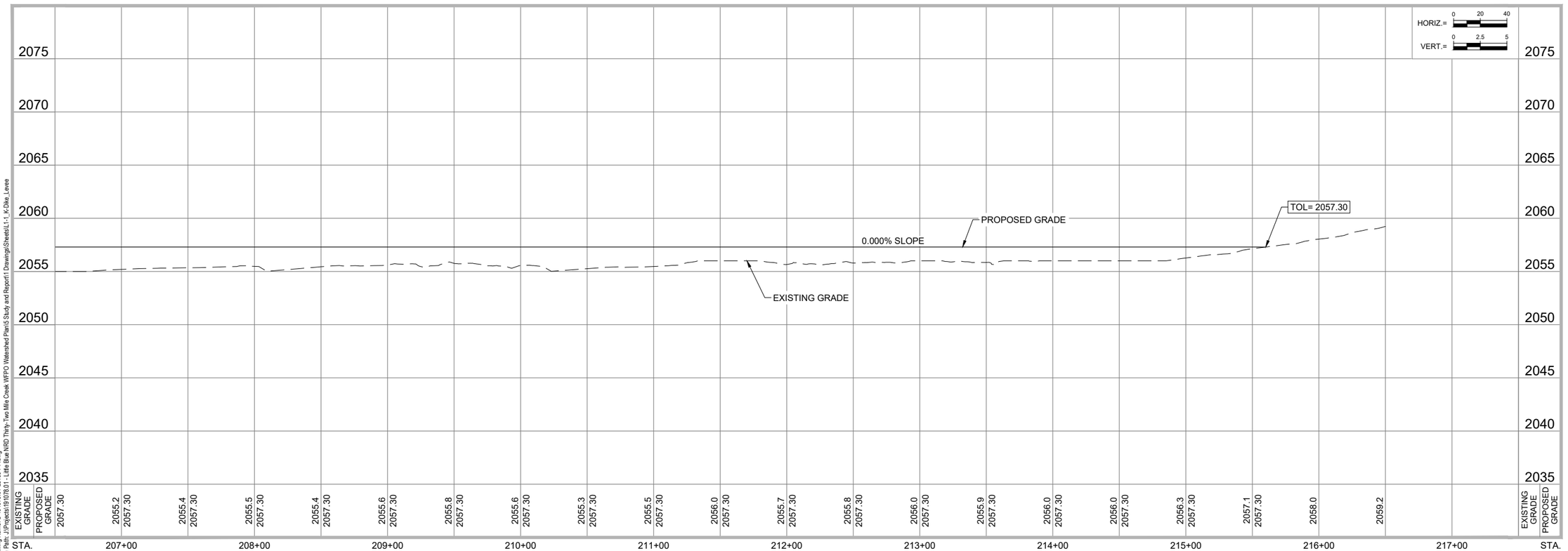
Plotted By: ERIC OLSON
Sheet Size: ANSI EXPAND B (11.00 X 17.00 INCHES) Plot Scale: 0.5:1



LEVEE W/ SEEPAGE BERM

GRAPHIC SCALE
0 20 40 80
UNIT OF MEASURE IS FEET

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NATURAL RESOURCE DISTRICT
402.364.2145

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ISSUE

MARK	DATE	DESCRIPTION
A	10/30/2024	10% PRELIM DESIGN

THE 2024 LITTLE BLUE NRD 32-MILE CREEK WFPO WATERSHED PLAN

L1-1: K-DIKE IMPROVEMENTS KENESAW, NEBRASKA

JEO Project No.:	191078.01
Drawn by:	JRC
QAQC:	-

US SURVEY FEET (sFT)

LEVEE

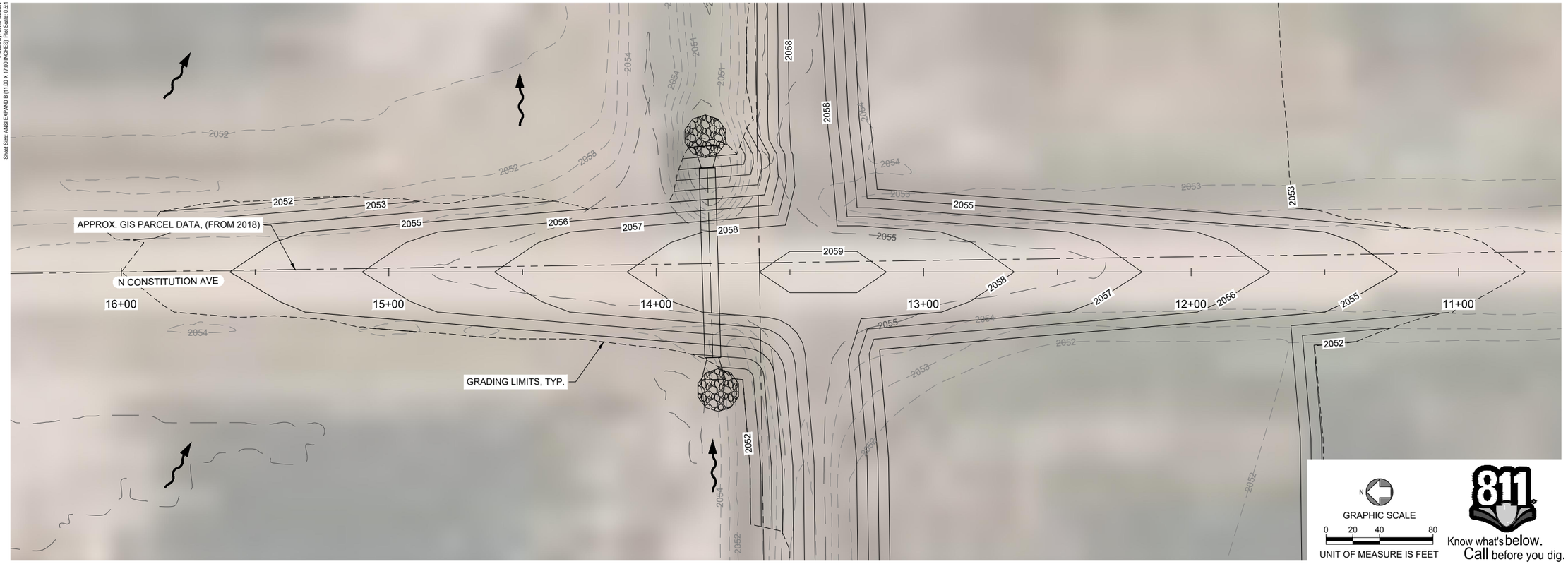
PLAN & PROFILE

STA. 206+50 TO STA. 217+00

C211

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File Path: J:\Projects\191078.01 - Little Blue NRD Thirty-Two Mile Creek WFPO Watershed Plan\5 Study and Report\1 Drawings\Sheets\L1-1_K-Dike_Levee

Plotted By: ERIC OLSON
Sheet Size: ANSI EXPAND B (11.00 X 17.00 INCHES) | Plot Scale: 0.5:1



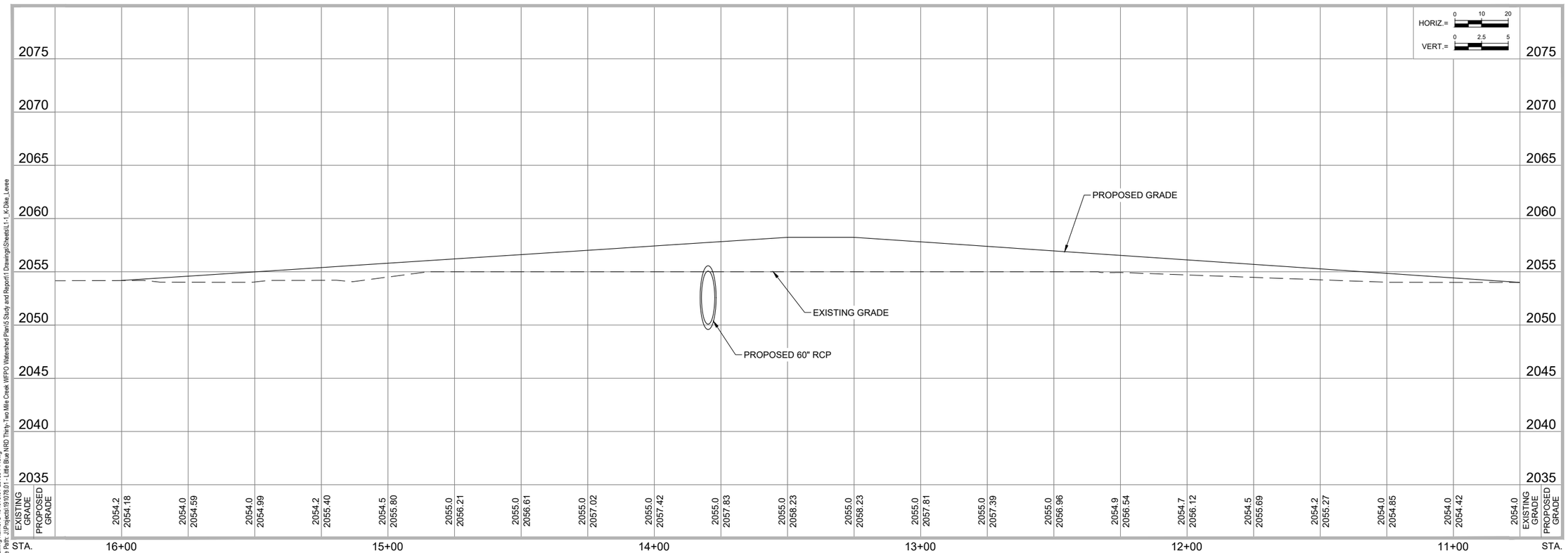
N

GRAPHIC SCALE

0 20 40 80

UNIT OF MEASURE IS FEET

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402.364.2145

PRELIMINARY NOT FOR CONSTRUCTION 10%

ISSUE

MARK	DATE	DESCRIPTION
A	10/30/2024	10% PRELIM DESIGN

THE 2024 LITTLE BLUE NRD 32-MILE CREEK WFPO WATERSHED PLAN

L1-1: K-DIKE IMPROVEMENTS KENESAW, NEBRASKA

JEO Project No.: 191078.01
Drawn by: JRC
QAQC: -

US SURVEY FEET (sFT)

ROAD - N CONSTITUTION AVE

PLAN & PROFILE

STA. 11+75 TO STA. 16+25

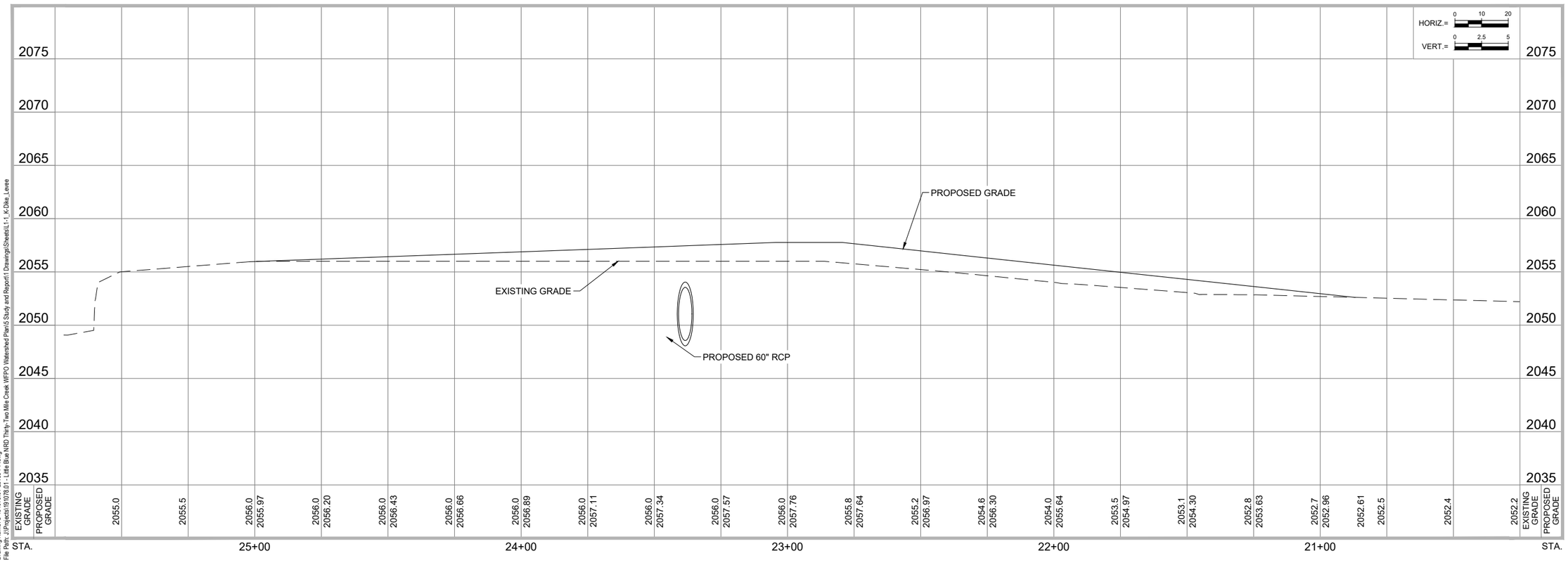
C221

Drawing Name: S:\191078.01-Levee-PP.dwg
File Path: J:\Projects\191078.01 - Little Blue NRD Thirty- Two Mile Creek WFPO Watershed Plan\5 Study and Report\1 Drawings\Sheets\L1-1_K-Dike_Levee

Plotted By: ERIC OLSON
Sheet Size: ANSI EXPAND B (11.00 X 17.00 INCHES) Plot Scale: 0.5:1



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ISSUE

MARK	DATE	DESCRIPTION
A	10/30/2024	10% PRELIM DESIGN

THE 2024 LITTLE BLUE NRD 32-MILE CREEK WFPO WATERSHED PLAN

L1-1: K-DIKE IMPROVEMENTS KENESAW, NEBRASKA

JEO Project No.:	191078.01
Drawn by:	JRC
QAQC:	-

US SURVEY FEET (sFT)

ROAD - N SMITH AVE

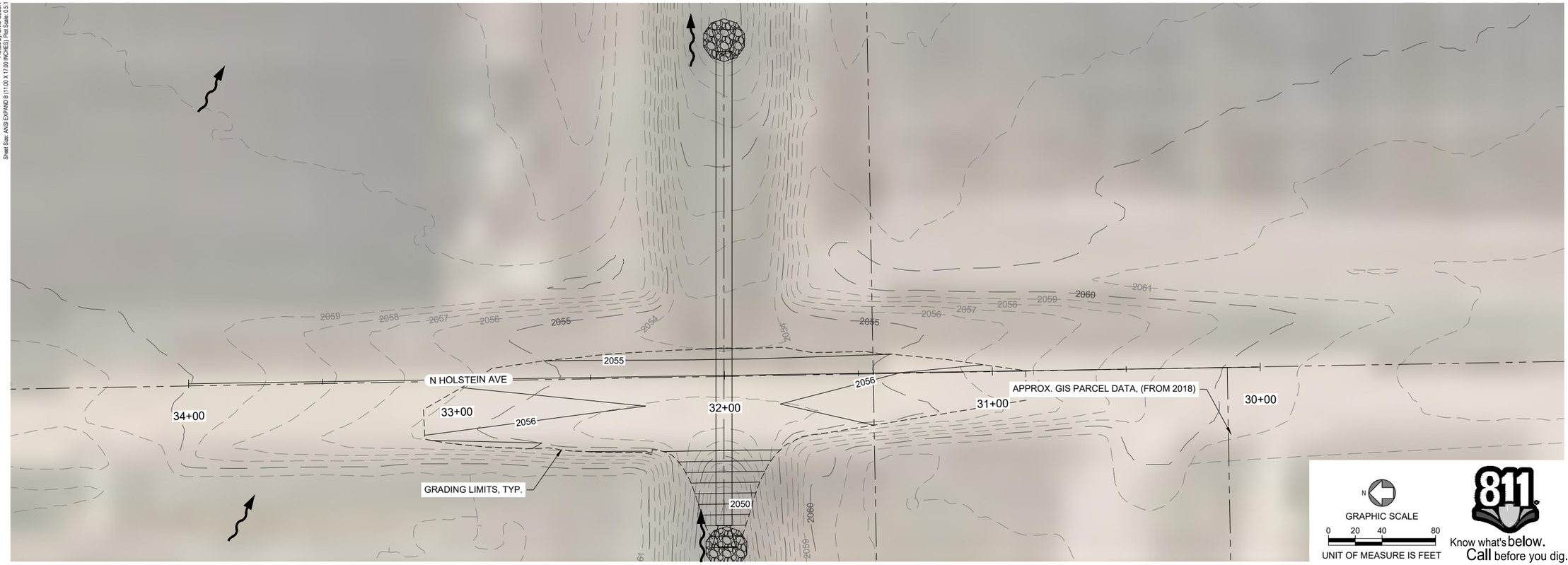
PLAN & PROFILE

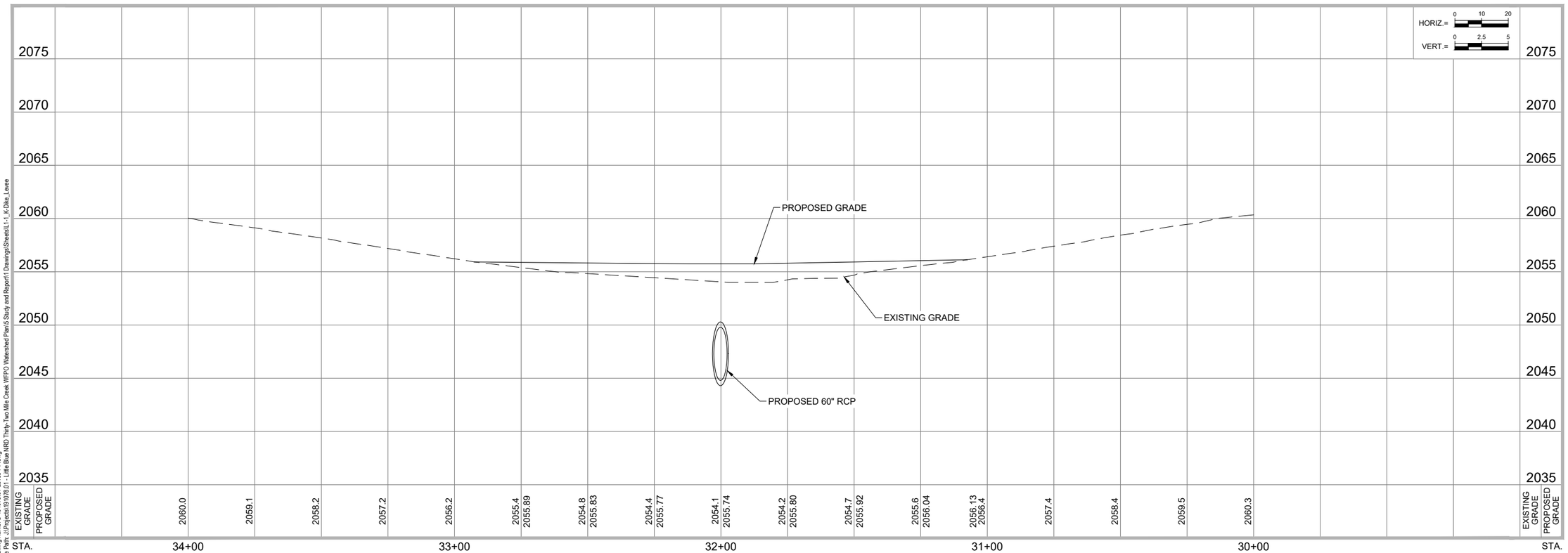
STA. 20+00 TO STA. 26+00

C222

Drawing Name: S:\191078.01-Levee-PP.dwg
File Path: J:\Projects\191078.01 - Little Blue NRD Thirty-Two Mile Creek WFPO Watershed Plan\5 Study and Report\1 Drawings\Sheets\L1-1_K-Dike_Levee

Plotted By: ERIC OLSON
Sheet Size: ANSI EXPAND B (11.00 X 17.00 INCHES) Plot Scale: 0.5:1





GRAPHIC SCALE
0 20 40 80
UNIT OF MEASURE IS FEET

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AUTHORIZATION NUMBER: CA-0069

LITTLE BLUE
NATURAL RESOURCE DISTRICT
402.364.2145

PRELIMINARY NOT FOR CONSTRUCTION 10% PRELIMINARY

ISSUE

MARK	DATE	DESCRIPTION
A	10/30/2024	10% PRELIM DESIGN

THE 2024 LITTLE BLUE NRD 32-MILE CREEK WFPO WATERSHED PLAN

L1-1: K-DIKE IMPROVEMENTS KENESAW, NEBRASKA

JEO Project No.:	191078.01
Drawn by:	JRC
QAQC:	-

US SURVEY FEET (sFT)

ROAD - N HOLSTEIN AVE

PLAN & PROFILE

STA. 30+00 TO STA. 34+00

C223

Drawing Name: S:\191078.01-Levee-PP.dwg
File Path: J:\Projects\191078.01 - Little Blue NRD Thirty- Two Mile Creek WFPO Watershed Plan\5 Study and Report\1 Drawings\Sheets\L1-1_K-Dike_Levee

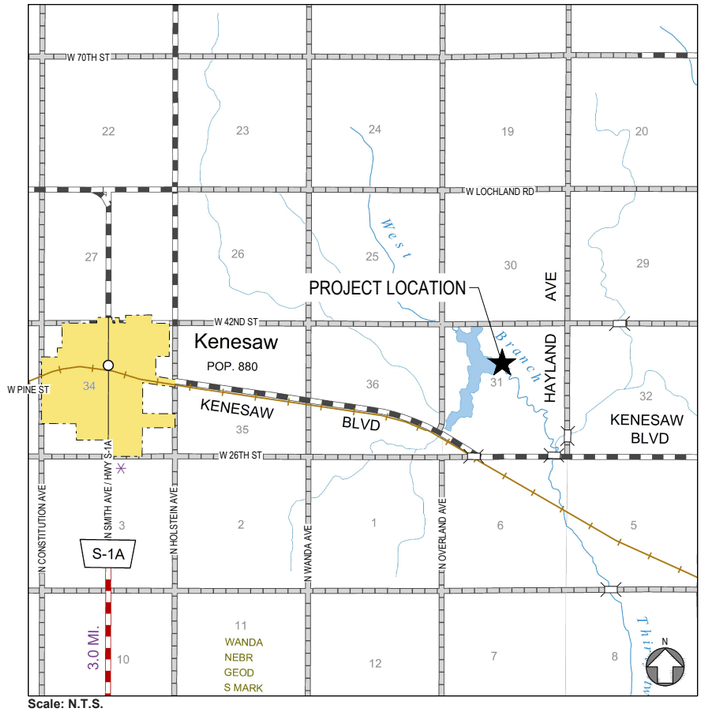
Plotted By: ERIC OLSON
Sheet Size: ANSI EXPAND D (34.00 X 22.00 INCHES) Print Scale: 1:1

F8-3: DAM K IMPROVEMENTS
KENESAW, NEBRASKA

THE 2024 LITTLE BLUE NRD 32-MILE CREEK
WFPO WATERSHED PLAN

Client Project No.: ? ? ?
JEO Project No.: 191078.01
[Grant Info] ?
[EG, SEC/T/R] ?

LOCATION MAP



Scale: N.T.S.

SHEET IDENTIFICATION

DISCIPLINE DESIGNATOR
SHEET TYPE DESIGNATOR
SHEET SEQUENCE

A101

DISCIPLINE DESIGNATOR	
G	GENERAL
C	CIVIL
A	ARCHITECTURAL
S	STRUCTURAL
M	MECHANICAL
P	PLUMBING
E	ELECTRICAL

SHEET TYPE DESIGNATOR	
0	GENERAL
1	PLANS
2	ELEVATIONS, PLAN & PROFILES AND PROFILES
3	SECTIONS
4	LARGE SCALE VIEWS
5	DETAILS
6	SCHEDULES AND DIAGRAMS
7	NOT USED
8	NOT USED
9	3D REPRESENTATIONS

CONTACTS

OWNER:

Address:
LITTLE BLUE
NATURAL RESOURCE DISTRICT

Contact Info:
? ? ?
LBNRD@LITTLEBLUENRD.ORG
P: 402.364.2145

COORDINATING PROFESSIONAL:

Address:
JEO CONSULTING GROUP
1937 N CHESTNUT ST
WAHOO, NE 68066

Contact Info:
? ? ?
[email@domain.com]
P: 800.723.8567 | F:?

I, [name of licensee], am the coordinating professional on the [project name] project.

CIVIL ENGINEER:

Address:
JEO CONSULTING GROUP
1937 N CHESTNUT ST
WAHOO, NE 68066

Contact Info:
[Contact Name]
[name@domain.com]
P: [000.000.0000] | F: [000.000.0000]

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(DATE: OC DATE TICKET NO.: TICKET NO).
(DATE: OC DATE TICKET NO.: TICKET NO).

UTILITIES SHOWN ARE FROM FIELD MARKINGS PROVIDED IN THE FIELD BY THE UTILITY PROVIDERS.

THE EXACT LOCATION AND/OR SIZE OF UNDERGROUND FEATURES MAY NOT BE ACCURATELY, COMPLETELY AND RELIABLY DEPICTED. FIELD VERIFICATION OF UTILITIES MAY BE REQUIRED. CONTRACTOR(S) SHALL NOTIFY THE RESPECTIVE UTILITY COMPANIES BEFORE COMMENCING ANY WORK.

All utility plan information to be measured in US SURVEY FEET (sFT).

INDEX OF SHEETS

SHEET NO.	SHEET NAME
G001	COVER SHEET, LOCATION MAP, & INDEX OF SHEETS
G002	SYMBOLS SHEET
C101	OVERALL SITE PLAN
C102	PROPOSED SITE PLAN
C201 - C202	DAM - PLAN & PROFILES

JEO CONSULTING GROUP

Little Blue Natural Resources District

PRELIMINARY 10% PRELIMINARY

ISSUE

THE 2024 LITTLE BLUE NRD
32-MILE CREEK WFPO
WATERSHED PLAN

F8-3: DAM K
KENESAW, NEBRASKA

US SURVEY FEET (sFT)

COVER SHEET
& LOCATION MAP

G001

Drawing Name: G001 Cover.dwg
File Path: J:\Projects\191078.01 - Little Blue NRD Thirty-Two Mile Creek WFPO Watershed Plan\7 Design\2 Drawings\G001_Dam\Sheets

Plotted By: ERIC OLSON
Sheet Size: ANSI EXPAND D (34.00 X 22.00 INCHES) Print Scale: 1:1

LINESTYLES

ITEM	SYMBOL
BREAK LINE	
CABLE TELEVISION	UTV
CABLE TV (NS)	<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
CULVERT	ST
ELECTRIC (OVHD)	OHE
ELECTRIC (OVHD, NS)	<OHE>
ELECTRIC (UGND)	UGE
ELECTRIC (UGND, NS)	<UGE>
FENCE (WOODEN)	
FENCE (WIRE OR UNKNOWN)	
FENCE (CHAINLINK)	
FENCE (SECURITY)	
FIBER OPTIC LINE	FO
FIBER OPTIC LINE (NS)	<FO>
FLOWLINE (BREAKLINE)	
GAS LINE	G
GAS LINE (NS)	<G>
GUARDRAIL	
PROPERTY BOUNDARY	
PROPERTY LOT LINES (PR)	
PROPERTY LINES (EX,NS)	
RIGHT-OF-WAY LINE	ROW
RAILROAD RIGHT-OF-WAY	RR ROW
RAILROAD TRACKS	
RETAINING WALL	
SANITARY SEWER (EX)	8" SAN
SANITARY SEWER (NS)	<SAN>
SANITARY SEWER (PR)	8" SAN
SAN SEWER FORCE MAIN (EX)	8" FM
SAN SEWER FORCE MAIN (PR)	8" FM
STORM SEWER (EX)	12"ST (OFFSET TO PIPE SIZE)
STORM SEWER (NS)	<ST>
STORM SEWER (PR)	12" ST (OFFSET TO PIPE SIZE)
TELEPHONE LINE (UGND)	UGT
TELEPHONE LINE (UGND,NS)	<UGT>
TELEPHONE LINE (OVHD)	OHT
TELEPHONE LINE (OVHD,NS)	OHT
TERRACE	
CROPLINE	
TRAVELED WAY	
WATER (EX)	6" W
WATER (NS)	<W>
WATER (PR)	6" W
FIRE SERVICE	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	D
STORM SEWER MANHOLE	Ⓓ
SANITARY	
CLEANOUT	Ⓒ
SEPTIC TANK	(S)
SANITARY MANHOLE	
POWER, ELECTRICAL, LIGHT, AND TRAFFIC	
AIR CONDITIONING UNIT	A
ANTENNA	
ANCHOR POLE/POST	
GUY POLE	
GUY WIRE ANCHOR	
ELECTRICAL HIGHLINE TOWER (METAL OR CONCRETE)	
POWER POLE (EXISTING)	
POWER POLE (PROPOSED)	
POWER (ELEC) PEDESTAL	P
POWER (ELEC) PULL BOX OR MANHOLE	Ⓟ
POWER (ELEC) METER	
LIGHT POLE	
TRAFFIC SIGNAL	
TRAFFIC SIGNAL BOX	SB
TELEVISION PEDESTAL	TV
TELEVISION MANHOLE	Ⓣ
WATER	
WATER MANHOLE	Ⓦ
WATER VALVE	
WATER SHUT OFF OR CURB STOP	
WELL	
WATER METER	W
WATER METER PIT	WP
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	G
GAS MANHOLE	Ⓖ
GAS FILL PIPE	
GAS PUMP	
GAS VALVE	
GAS VENT	Ⓥ
TELEPHONE	
FIBER OPTICS PULL BOX	FO
TELEPHONE POLE	
TELEPHONE PULL BOX OR MANHOLE	Ⓣ
TELEPHONE PEDESTAL	T
MANHOLE (NON-SPECIFIC)	
UNDERGRND STORAGE TANK	UST
VALVE (NON-SPECIFIC)	

SITE & SIGNAGE

ITEM	SYMBOL
SIGN	
BARRICADE	
ROAD SIGNS	
COUNTY ROAD	0
INTERSTATE HIGHWAY	0
STATE HIGHWAY	0
U.S. HIGHWAY	0
MILE MARKER POST	M
RIGHT OF WAY MARKER	R
RAILROAD CROSSING SIGNAL	
RAILROAD SWITCH	
FLAG POLE	
MAILBOX	
PROPANE TANK	
SATELLITE TV DISH	
WINDMILL	

CONTROL & ELEVATION

ITEM	SYMBOL
BENCHMARK	BM
CONTROL POINT (NON-PROPERTY)	
MONUMENT FOUND (PROPERTY)	
MONUMENT SET	
TEMPORARY POINT	
TEST BORING	
POINT ELEVATION (EXISTING)	× 0.00
POINT ELEVATION (PROPOSED)	6000.00 TC / 100.00 TC
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	G
CHURCH	
CAVE	
CISTERN	
LATRINE	
OIL WELL	
GUARD POST	

PAVING FEATURES

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

VEGETATION

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

SWPPP

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

GENERAL

ITEM	
PLAN REVISION	1
NORTH ARROW	
GRAPHIC SCALE PLAN	
GRAPHIC SCALE PROFILE/ CROSS SECTION	
KEYNOTE OR TABULAR NOTE	
REFERENCED NOTE	
ELEVATION	
SECTION	
ENLARGED DETAIL	

JEO CONSULTING GROUP

Little Blue Natural Resources District

PRELIMINARY 10% PRELIMINARY

ISSUE

THE 2024 LITTLE BLUE NRD 32-MILE CREEK WFPO WATERSHED PLAN

F8-3: DAM K
KENESAW, NEBRASKA

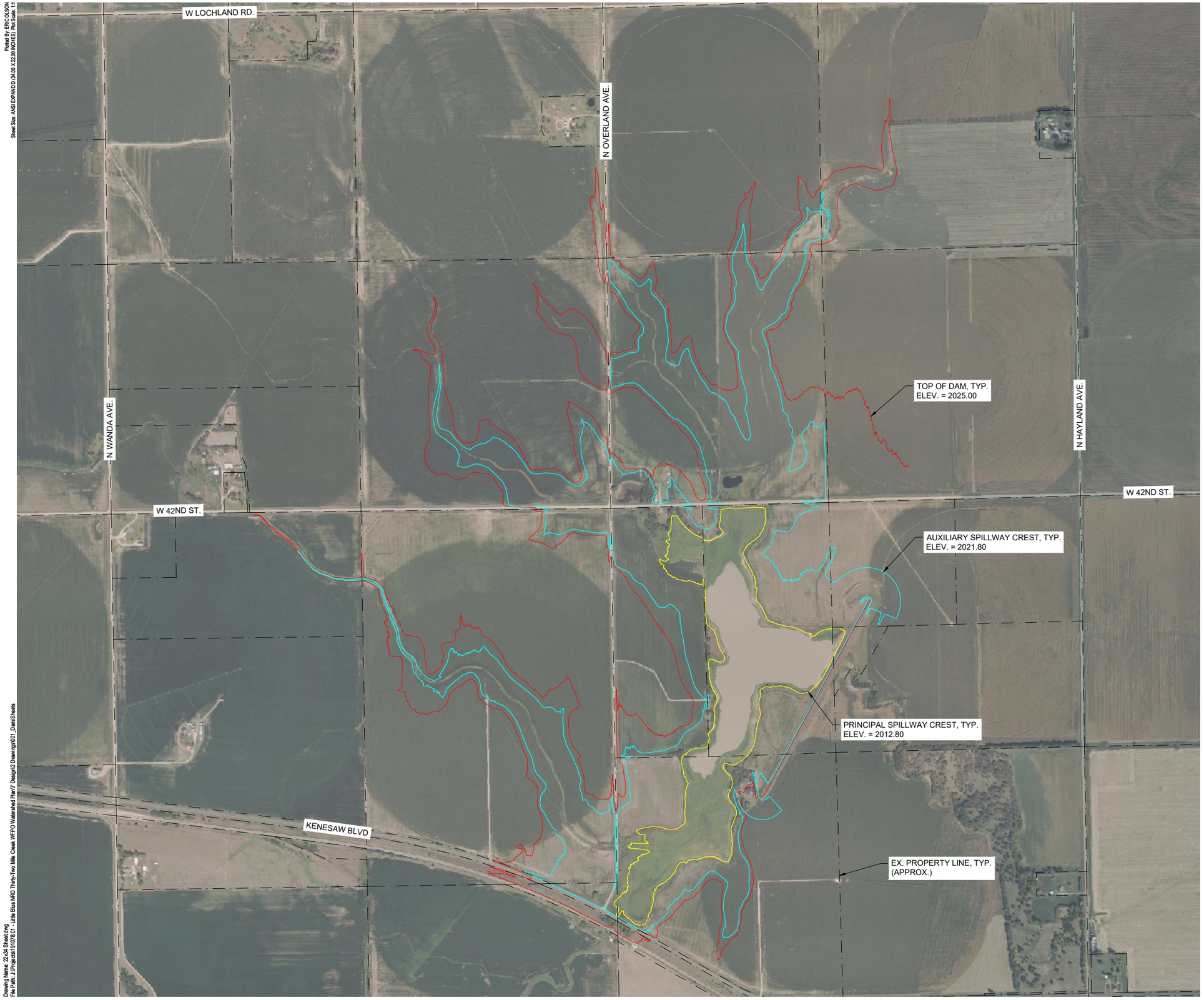
US SURVEY FEET (sFT)

SYMBOLS SHEET

G002

Drawing Name: G001_Cover.dwg
File Path: J:\Projects\19107.001 - Little Blue NRD Thirty-Two Mile Creek WFPO Watershed Plan\7 Design\2 Drawings\001_Dam\Sheets

Plotted By: ERIC OLSON
Sheet Size: ANSI EXPAND D (34.00 X 22.00 INCHES) Plot Scale: 1:1



Drawing Name: 22x34 Sheet.dwg
Ref. Path: J:\Projects\157\052.01 - Little Blue NRD Thirty-Two Mile Creek WFPO Watershed Plan\7 Design\2 Drawings\001_Dam\Sheets

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ISSUE

THE 2024 LITTLE BLUE NRD
32-MILE CREEK WFPO
WATERSHED PLAN

F8-3: DAM K
KENESAW, NEBRASKA

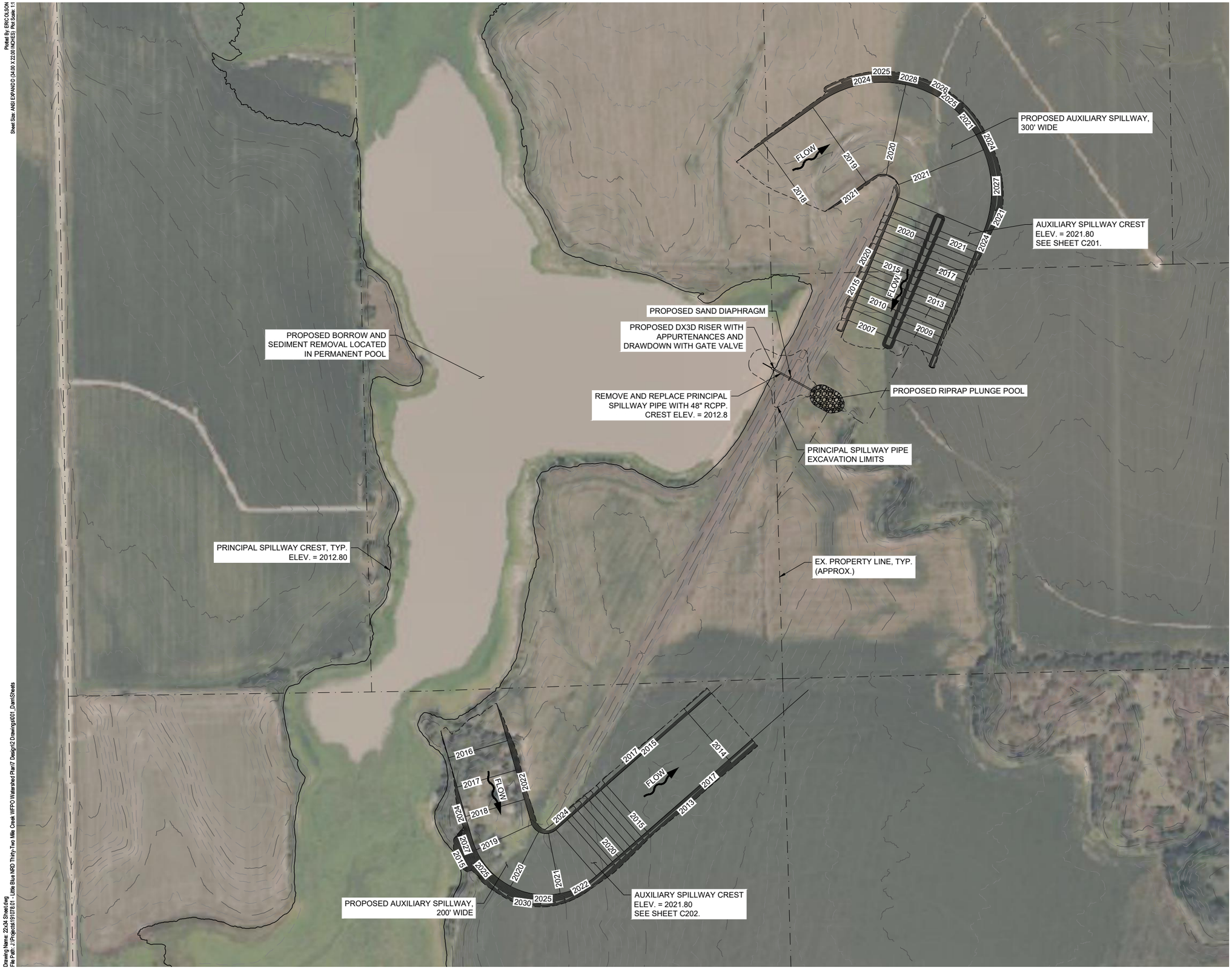
US SURVEY FEET (sFT)

OVERALL SITE PLAN

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

C101

Plotted By: ERIC OLSON
Sheet Size: ANSI EXPAND D (34.00 X 22.00 INCHES) Plot Scale: 1:1



Drawing Name: 22-04 Sheet.dwg
Ref. Path: J:\Projects\157\018.01 - Little Blue NRD Thirty-Two Mile Creek WFPO Watershed Plan\7 Design\2 Drawings\001_DamSheets

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Little Blue Natural Resources District

PRELIMINARY PRELIMINARY PRELIMINARY
10%

ISSUE

THE 2024 LITTLE BLUE NRD
32-MILE CREEK WFPO
WATERSHED PLAN

F8-3: DAM K
KENESAW, NEBRASKA

US SURVEY FEET (sFT)

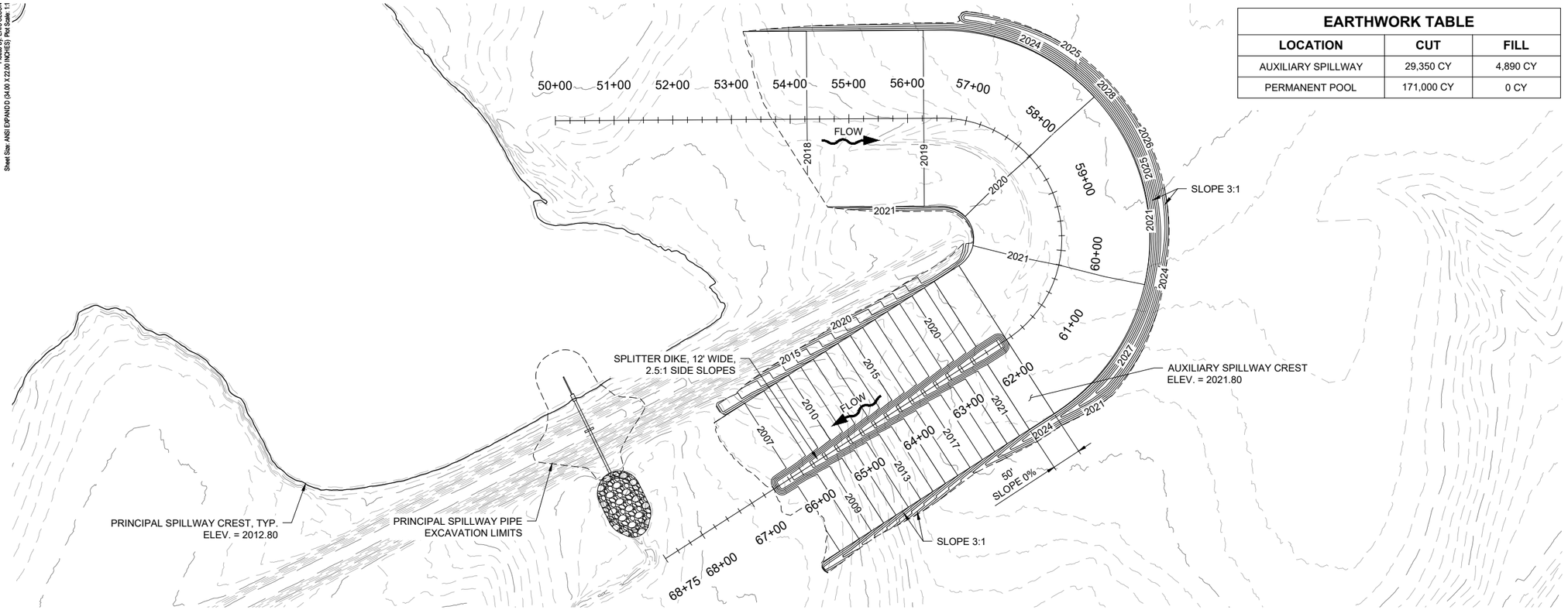
PROPOSED SITE PLAN

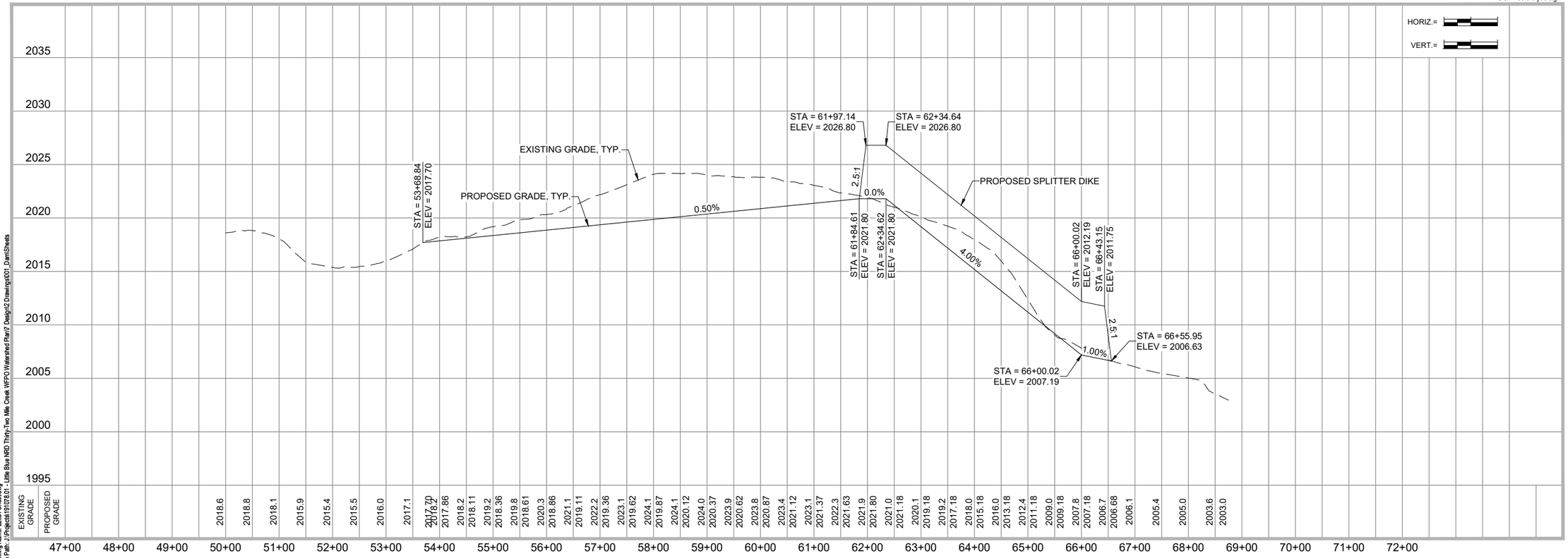
811 Know what's Call below. before you dig.

C102

Plotted By: ERIC OLSON
Sheet Size: ANSI EXPAND D (34.00 X 22.00 INCHES) Plot Scale: 1:1

EARTHWORK TABLE		
LOCATION	CUT	FILL
AUXILIARY SPILLWAY	29,350 CY	4,890 CY
PERMANENT POOL	171,000 CY	0 CY





Drawing Name: 25x34_Sheet.dwg
File Path: J:\Projects\1910\01 - Little Blue NRD\Thirty-Two Mile Creek WFPO Watershed Plan\7 Design\2 Drawings\001_Dam\Sheets

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PRELIMINARY PRELIMINARY PRELIMINARY
10%

ISSUE

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THE 2024 LITTLE BLUE NRD
32-MILE CREEK WFPO
WATERSHED PLAN

F8-3: DAM K
KENESAW, NEBRASKA

US SURVEY FEET (sFT)

DAM

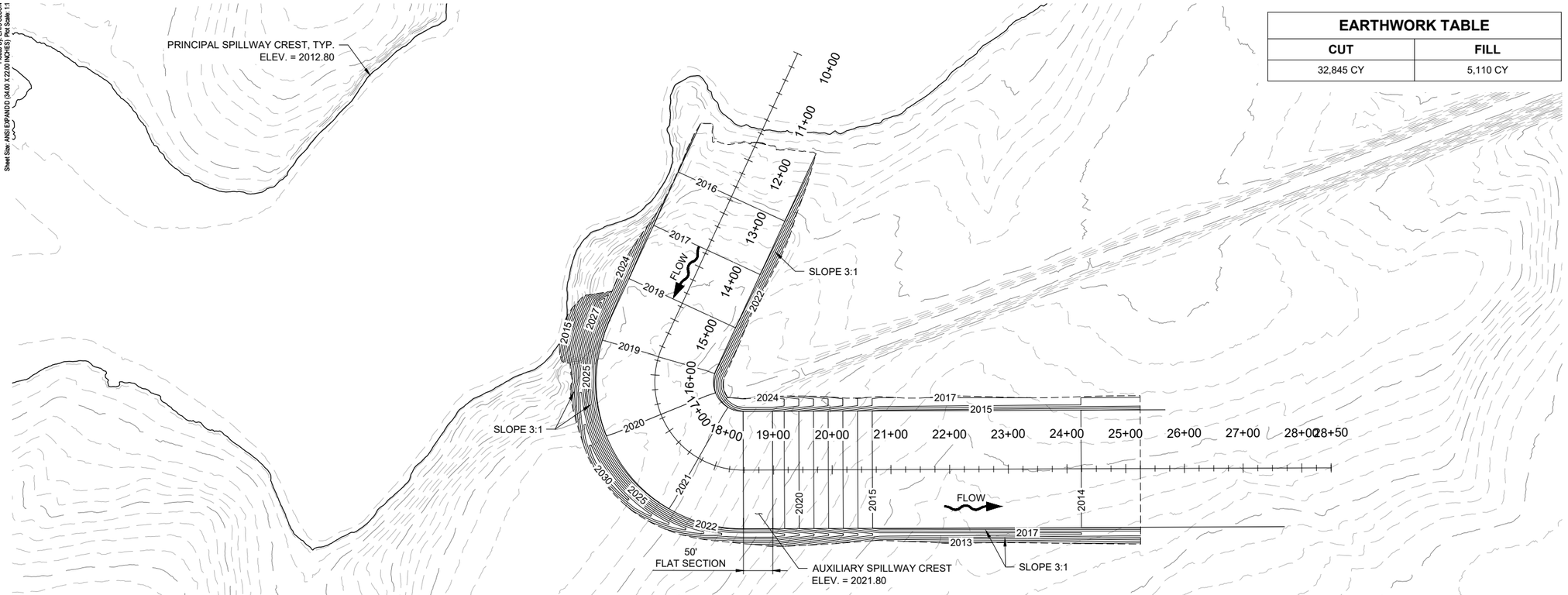
PLAN & PROFILE

AUXILIARY SPILLWAY - NORTH

C201

Plotted By: ERIC OLSON
Sheet Size: ANSI EXPAND D (34.00 X 22.00 INCHES) | X:1 Scale: 1:1

EARTHWORK TABLE	
CUT	FILL
32,845 CY	5,110 CY





Drawing Name: 22x34_Sheet.dwg
File Path: J:\Projects\191067.001 - Little Blue NRD\Thirty-Two Mile Creek WFPO Watershed Plan\7 Design\2 Drawings\001_Dam\Sheets

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Little Blue Natural Resources District

PRELIMINARY PRELIMINARY PRELIMINARY
10%

ISSUE

THE 2024 LITTLE BLUE NRD
32-MILE CREEK WFPO
WATERSHED PLAN

F8-3: DAM K
KENESAW, NEBRASKA

US SURVEY FEET (sFT)

DAM

PLAN & PROFILE

AUXILIARY SPILLWAY - SOUTH

C202

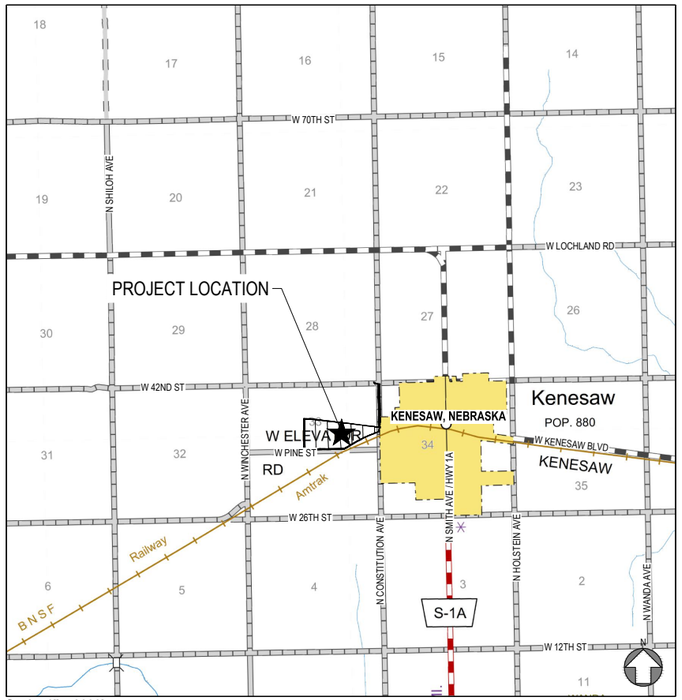
Plotted By: ERIC OLSON
Sheet Size: ANSI EXPAND B (11.00 X 17.00 INCHES) Plot Scale: 0.5:1

DC1-10: WEST DIVERSION AND DETENTION KENESAW, NEBRASKA

THE 2024 LITTLE BLUE NRD 32-MILE CREEK WFPO WATERSHED PLAN

Client Project No.: ? ? ?
JEO Project No.: 191078.01
[Grant Info] ?
[EG, SEC/T/R] ?

LOCATION MAP



Scale: 1" = 3000'±

SHEET IDENTIFICATION

DISCIPLINE DESIGNATOR
SHEET TYPE DESIGNATOR
SHEET SEQUENCE

A101

DISCIPLINE DESIGNATOR	
G	GENERAL
C	CIVIL
A	ARCHITECTURAL
S	STRUCTURAL
M	MECHANICAL
P	PLUMBING
E	ELECTRICAL

SHEET TYPE DESIGNATOR	
0	GENERAL
1	PLANS
2	ELEVATIONS, PLAN & PROFILES AND PROFILES
3	SECTIONS
4	LARGE SCALE VIEWS
5	DETAILS
6	SCHEDULES AND DIAGRAMS
7	NOT USED
8	NOT USED
9	3D REPRESENTATIONS

CONTACTS

OWNER:

LITTLE BLUE NATURAL RESOURCE DISTRICT

Address:
LITTLE BLUE
NATURAL RESOURCE DISTRICT

Contact Info:
? ? ?
LBNRD@LITTLEBLUENRD.ORG
P: 402.364.2145

COORDINATING PROFESSIONAL:

JEO CONSULTING GROUP

Address:
JEO CONSULTING GROUP
1937 N CHESTNUT ST
WAHOO, NE 68066

Contact Info:
? ? ?
[email@domain.com]
P: 800.723.8567 | F:?

I, [name of licensee], am the coordinating professional on the [project name] project.

CIVIL ENGINEER:

JEO CONSULTING GROUP

Address:
JEO CONSULTING GROUP
1937 N CHESTNUT ST
WAHOO, NE 68066

Contact Info:
[Contact Name]
[name@domain.com]
P: [000.000.0000] | F: [000.000.0000]

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

NOTE: NEITHER THE OWNER (CLIENT) NOR JEO CONSULTING GROUP, INC. ASSUMES ANY RESPONSIBILITY FOR UTILITY LOCATIONS BEING ACCURATELY SHOWN OR NOT SHOWN ON THE PLANS. A REQUEST FOR UTILITY LOCATES WAS MADE FOR THIS LOCATION AS PER THE ONE-CALL NOTIFICATION SYSTEM ACT.

(DATE: OC DATE TICKET NO.: TICKET NO).
(DATE: OC DATE TICKET NO.: TICKET NO).

UTILITIES SHOWN ARE FROM FIELD MARKINGS PROVIDED IN THE FIELD BY THE UTILITY PROVIDERS.

THE EXACT LOCATION AND/OR SIZE OF UNDERGROUND FEATURES MAY NOT BE ACCURATELY, COMPLETELY AND RELIABLY DEPICTED. FIELD VERIFICATION OF UTILITIES MAY BE REQUIRED. CONTRACTOR(S) SHALL NOTIFY THE RESPECTIVE UTILITY COMPANIES BEFORE COMMENCING ANY WORK.

All site plan information is based upon US SURVEY FEET (sFT)

INDEX OF SHEETS

SHEET NO.	SHEET NAME
G001	COVER SHEET, LOCATION MAP, & INDEX OF SHEETS
G002	SYMBOLS SHEET
C101	PROJECT VICINITY MAP
C102	BASIN SITE PLAN
C201 - C202	DITCH & ROAD - PLAN & PROFILES

JEO CONSULTING GROUP

1937 N CHESTNUT ST
WAHOO, NE 68066
800.723.8567 | jeo.com

JEO CONSULTING, INC.
ORGANIZATION CERTIFICATE OF AUTHORIZATION NUMBER: CA-0069

LITTLE BLUE
NATURAL RESOURCE DISTRICT
402.364.2145

PRELIMINARY NOT FOR CONSTRUCTION 10%

ISSUE

MARK	DATE	DESCRIPTION
A	10/30/2024	10% PRELIM DESIGN

THE 2024 LITTLE BLUE NRD 32-MILE CREEK WFPO WATERSHED PLAN

DC1-10: DETENTION

KENESAW, NEBRASKA

JEO Project No.: 191078.01
Drawn by: WW
QAQC: -

US SURVEY FEET (sFT)

COVER SHEET, LOCATION MAP, & INDEX OF SHEETS

G001

Drawing Name: S:\191078.01-Basin-Gen.dwg
File Path: J:\Projects\191078.01 - Little Blue NRD Thirty- Two Mile Creek WFPO Watershed Plan\5 Study and Report\1 Drawings\Sheets\DC1-10 Detention-Cell

Plotted By: ERIC OLSON
Sheet Size: ANSI EXPAND B (11.00 X 17.00 INCHES) Plot Scale: 0.5:1

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	ST — LS
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 —
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)	8" FM
STORM SEWER (EX)	ST — ST — 12"ST — 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	D
STORM SEWER MANHOLE	Ⓓ
SANITARY	
CLEANOUT	Ⓒ
SEPTIC TANK	(S)
SANITARY MANHOLE	
POWER, ELECTRICAL, LIGHT, AND TRAFFIC	
AIR CONDITIONING UNIT	A
ANTENNA	
ANCHOR POLE/POST	○
GUY POLE	
GUY WIRE ANCHOR	
ELECTRICAL HIGHLINE TOWER (METAL OR CONCRETE)	
POWER POLE (EXISTING)	
POWER POLE (PROPOSED)	
POWER (ELEC) PEDESTAL	P
POWER (ELEC) PULL BOX OR MANHOLE	Ⓟ
POWER (ELEC) METER	
LIGHT POLE	
TRAFFIC SIGNAL	
TRAFFIC SIGNAL BOX	SB
TELEVISION PEDESTAL	TV
TELEVISION MANHOLE	Ⓣⓥ
WATER	
WATER MANHOLE	Ⓦ
WATER VALVE	
WATER SHUT OFF OR CURB STOP	⊗
WELL	
WATER METER	W
WATER METER PIT	WP
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	G
GAS MANHOLE	Ⓖ
GAS FILL PIPE	
GAS PUMP	
GAS VALVE	
GAS VENT	Ⓥ
TELEPHONE	
FIBER OPTICS PULL BOX	FO
TELEPHONE POLE	
TELEPHONE PULL BOX OR MANHOLE	Ⓣ
TELEPHONE PEDESTAL	T
MANHOLE (NON-SPECIFIC)	
UNDERGRND STORAGE TANK	UST
VALVE (NON-SPECIFIC)	

SITE & SIGNAGE

ITEM	SYMBOL
SIGN	
BARRICADE	
ROAD SIGNS	
COUNTY ROAD	0
INTERSTATE HIGHWAY	0
STATE HIGHWAY	0
U.S. HIGHWAY	0
MILE MARKER POST	M
RIGHT OF WAY MARKER	R
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)	0000.00 TC 1000.00 TC
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	1
NORTH ARROW	N
GRAPHIC SCALE PLAN	GRAPHIC SCALE 0 10 20 40 UNIT OF MEASURE IS FEET
GRAPHIC SCALE PROFILE/ CROSS SECTION	HORIZ.= 0 0 00 VERT.= 0 0 00
KEYNOTE OR TABULAR NOTE	101
REFERENCED NOTE	4
ELEVATION	0000.00'
SECTION	1 101 1 101
ENLARGED DETAIL	0 D0.0

JEO CONSULTING GROUP

1937 N CHESTNUT ST
WAHOO, NE 68066
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JEO CONSULTING, INC.
ORGANIZATION CERTIFICATE OF
AUTHORIZATION NUMBER: CA-0069

LITTLE BLUE
NATURAL RESOURCE DISTRICT
402.364.2145

PRELIMINARY NOT FOR CONSTRUCTION 10% PRELIMINARY

ISSUE

MARK	DATE	DESCRIPTION
A	10/30/2024	10% PRELIM DESIGN

THE 2024 LITTLE BLUE NRD 32-MILE CREEK WFPO WATERSHED PLAN

DC1-10: DETENTION

KENESAW, NEBRASKA

JEO Project No.: 191078.01
Drawn by: WW
QAQC: -

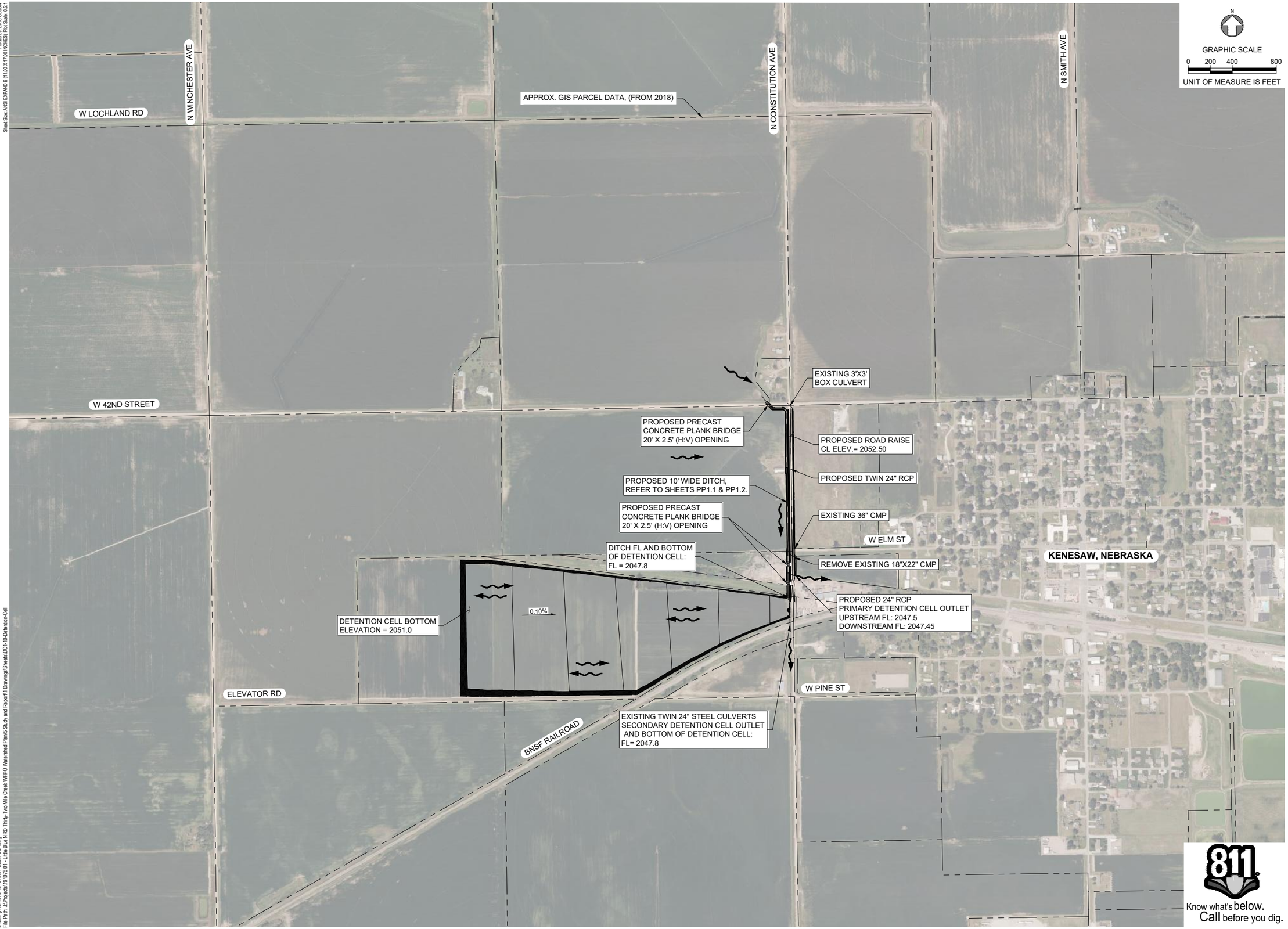
US SURVEY FEET (sFT)

SYMBOLS SHEET

G002

Drawing Name: S:\191078.01-Basin-Gen.dwg
File Path: J:\Projects\191078.01 - Little Blue NRD Thirty-Two Mile Creek WFPO Watershed Plan\S Study and Report\1 Drawings\Sheets\DC1-10 Detention-Cell

Plotted By: ERIC OLSON
Sheet Size: ANSI EXPAND B (11.00 X 17.00 INCHES) Plot Scale: 0.5:1



Drawing Name: S:\191078.01-Basin-Gen.dwg
File Path: J:\Projects\191078.01 - Little Blue NRD Thirty- Two Mile Creek WFPO Watershed Plan\5 Study and Report\1 Drawings\Sheets\DC1-10-Detention-Cell

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ORGANIZATION CERTIFICATE OF AUTHORIZATION NUMBER: CA-0069

LITTLE BLUE
NATURAL RESOURCE DISTRICT
402.364.2145

PRELIMINARY
NOT FOR CONSTRUCTION
10%

ISSUE

MARK	DATE	DESCRIPTION
A	10/30/2024	10% PRELIM DESIGN

THE 2024 LITTLE BLUE NRD 32-MILE CREEK WFPO WATERSHED PLAN

DC1-10: DETENTION

KENESAW, NEBRASKA

JEO Project No.:	191078.01
Drawn by:	WW
QAQC:	-

US SURVEY FEET (sFT)

PROJECT VICINITY MAP

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

C101

Plotted By: ERIC OLSON
Sheet Size: ANSI EXPAND B (11.00 X 17.00 INCHES) Plot Scale: 0.5:1

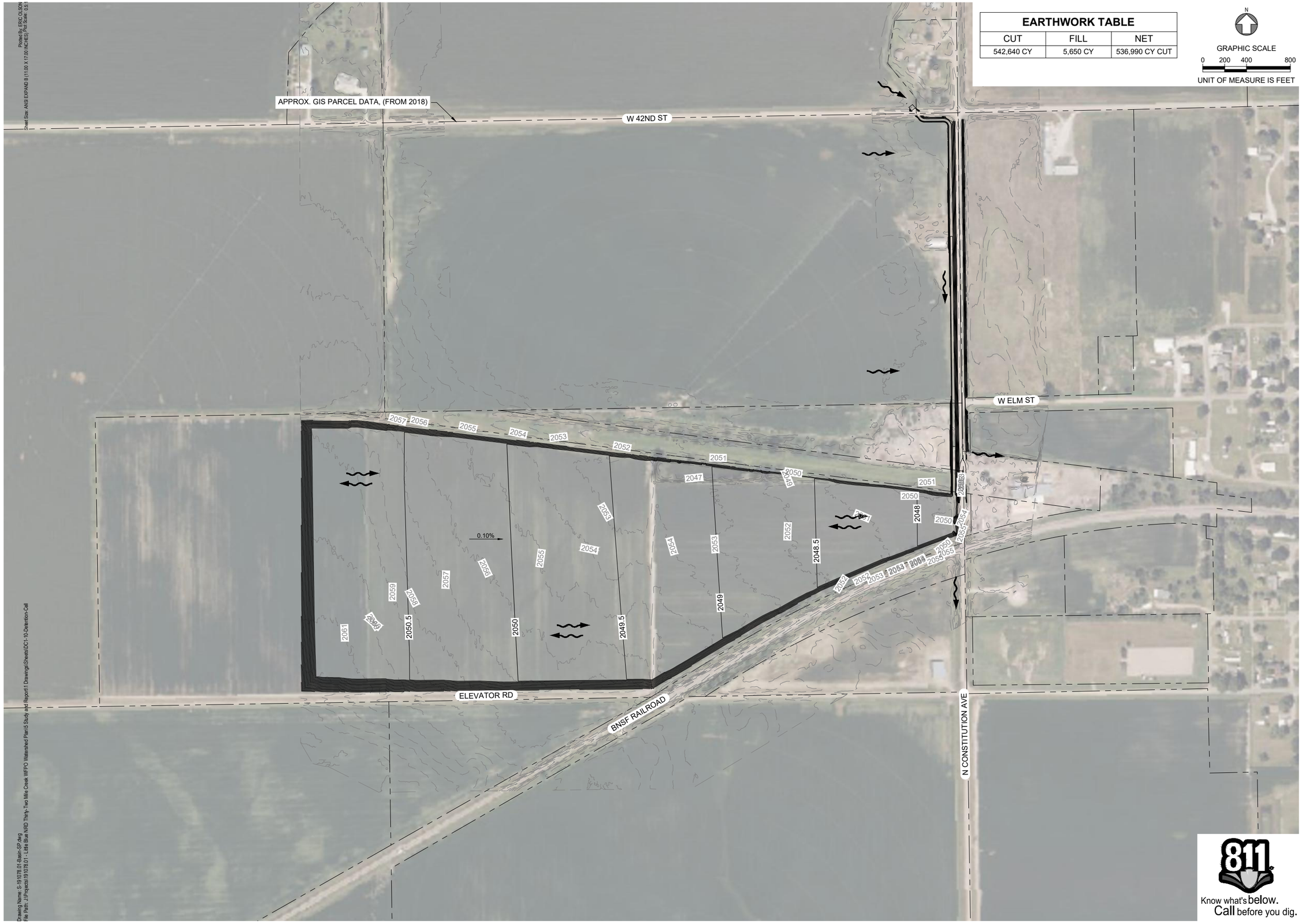
EARTHWORK TABLE		
CUT	FILL	NET
542,640 CY	5,650 CY	536,990 CY CUT

N

GRAPHIC SCALE

0 200 400 800

UNIT OF MEASURE IS FEET



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PRELIMINARY NOT FOR CONSTRUCTION 10%

ISSUE

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THE 2024 LITTLE BLUE NRD 32-MILE CREEK WFPO WATERSHED PLAN

DC1-10: DETENTION

KENESAW, NEBRASKA

JEO Project No.:	191078.01
Drawn by:	WW
QAQC:	-

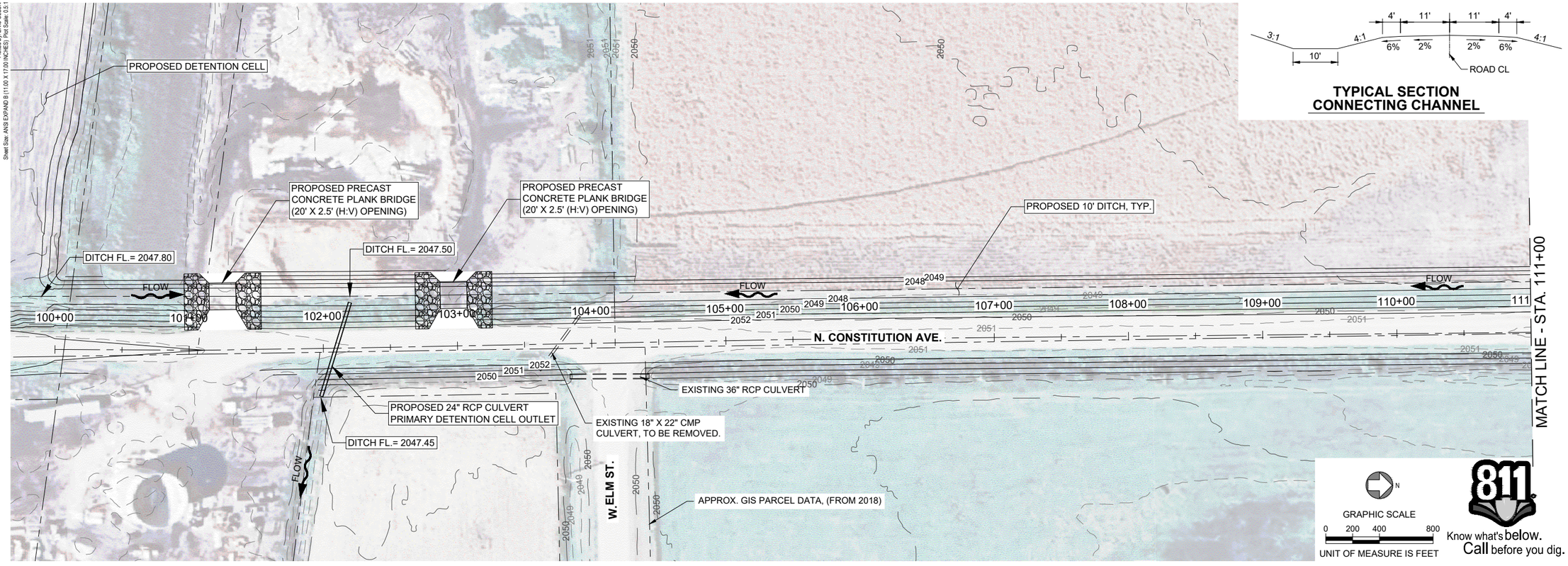
US SURVEY FEET (sFT)

BASIN SITE PLAN

C102

Drawing Name: S:\191078.01 Basin-SP.dwg
File Path: J:\Projects\191078.01 - Little Blue NRD Thirty-Two Mile Creek WFPO Watershed Plan\5 Study and Report\1 Drawings\Sheets\DC1-10-Detention-Cat

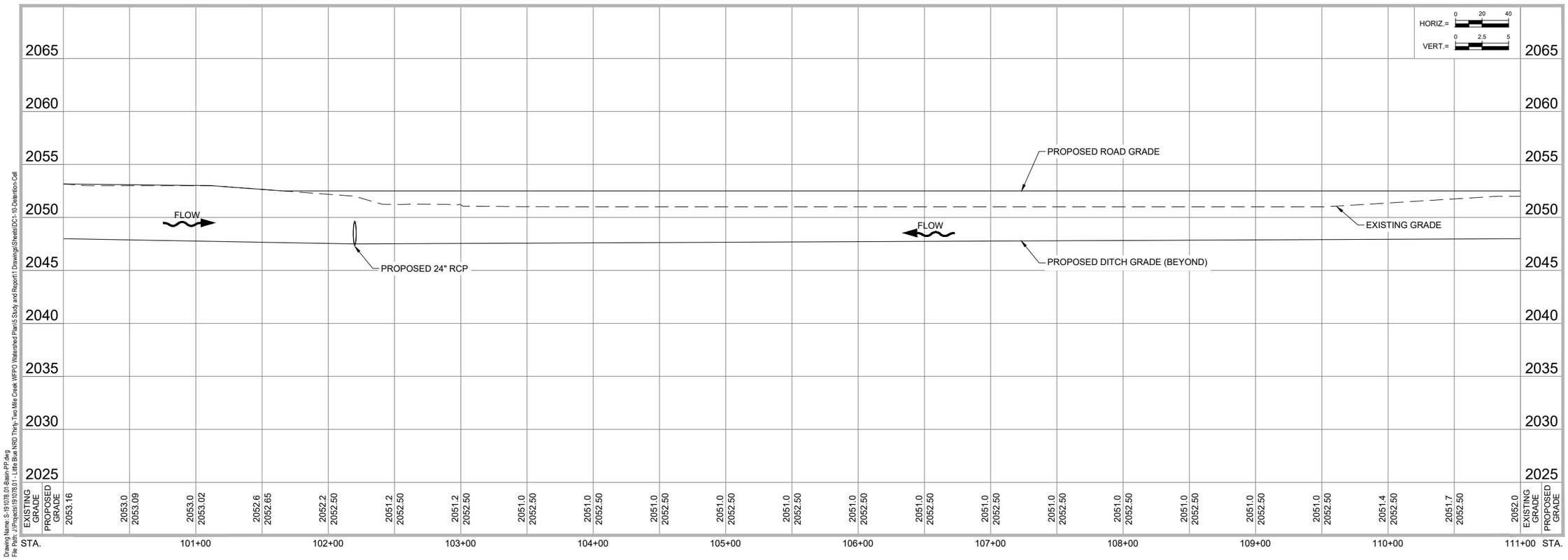
Plotted By: ERIC OLSON
Sheet Size: ANSI EXPAND B (11.00 X 17.00 INCHES) Plot Scale: 0.5:1



TYPICAL SECTION CONNECTING CHANNEL

GRAPHIC SCALE
0 200 400 800
UNIT OF MEASURE IS FEET

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DC1-10: DETENTION

KENESAW, NEBRASKA

JEO Project No.:	191078.01
Drawn by:	WW
QAQC:	-

US SURVEY FEET (sFT)

ROAD & DITCH

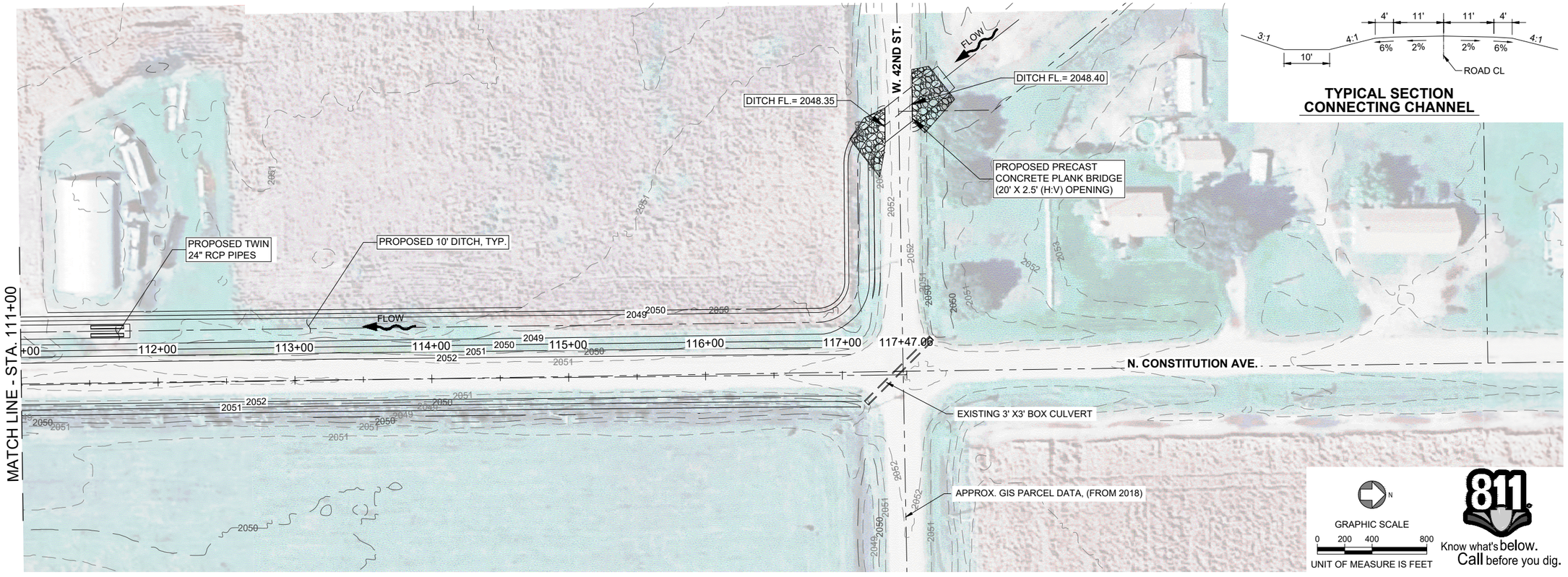
PLAN & PROFILE

STA. 100+00 TO STA. 111+00

C201

Drawing Name: S:\191078.01-Basin-PP.dwg
File Path: J:\Projects\191078.01 - Little Blue NRD Thirty-Two Mile Creek WFPO Watershed Plan\5 Study and Report\1 Drawings\Sheets\DC1-10-Detention-Cell

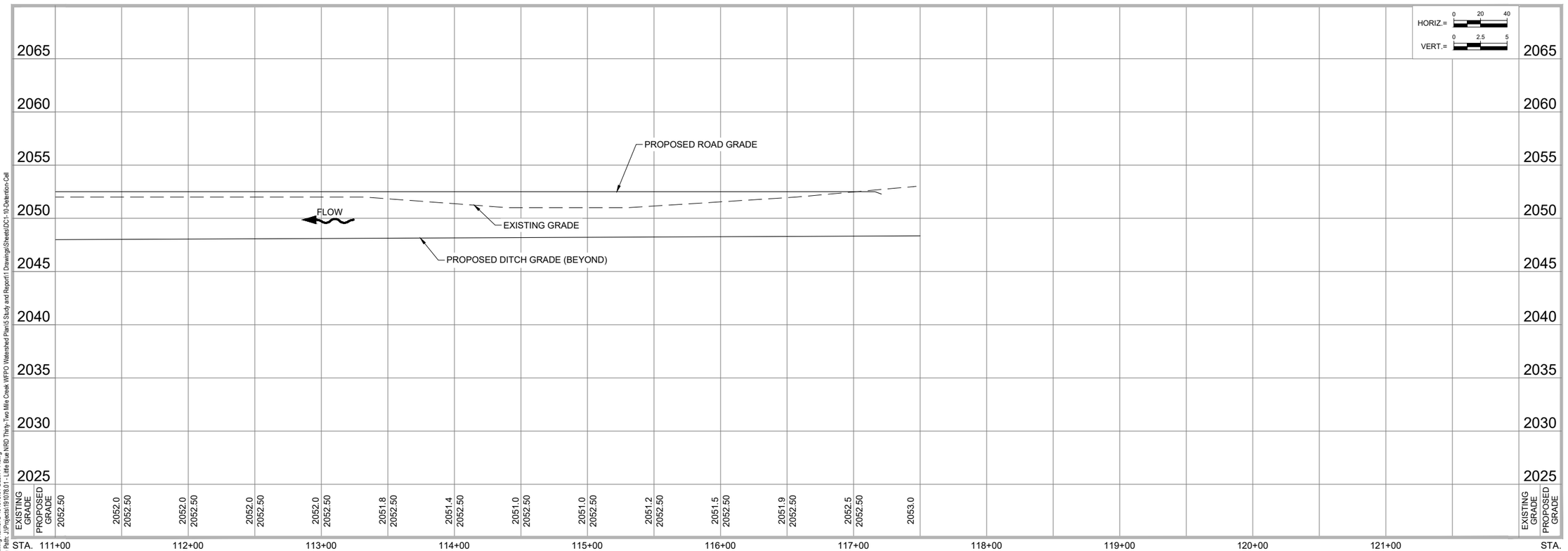
Plotted By: ERIC OLSON
Sheet Size: ANSI EXPAND B (11.00 X 17.00 INCHES) Plot Scale: 0.5:1



TYPICAL SECTION CONNECTING CHANNEL

GRAPHIC SCALE
0 200 400 800
UNIT OF MEASURE IS FEET

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THE 2024 LITTLE BLUE NRD 32-MILE CREEK WFPO WATERSHED PLAN

DC1-10: DETENTION

KENESAW, NEBRASKA

JEO Project No.:	191078.01
Drawn by:	WW
QAQC:	-

US SURVEY FEET (sFT)

ROAD & DITCH

PLAN & PROFILE

STA. 111+00 TO STA. 118+00

C202

Drawing Name: S:\191078.01-Basin-PP.dwg
File Path: J:\Projects\191078.01 - Little Blue NRD Thirty-Two Mile Creek WFPO Watershed Plan\5 Study and Report\1 Drawings\Sheets\DC1-10-Detention-Cell

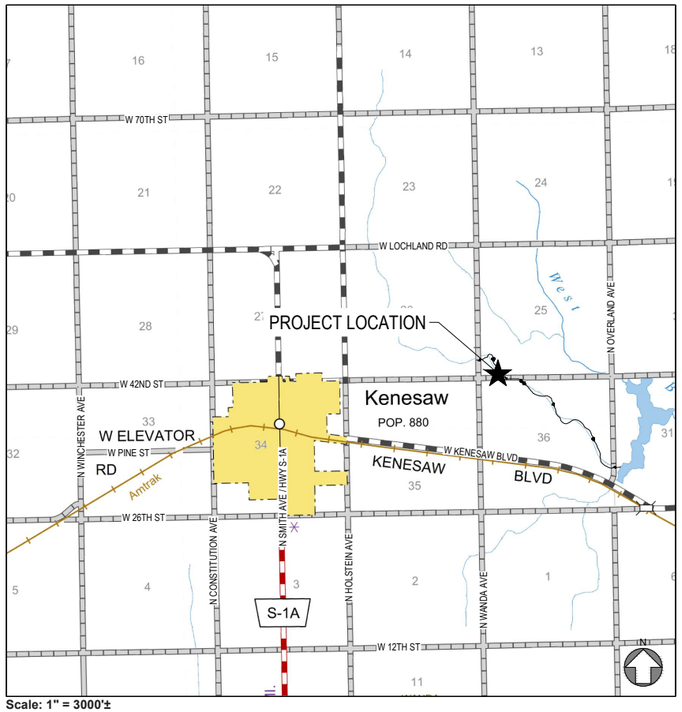
Plotted By: ERIC OLSON
Sheet Size: ANSI EXPAND B (11.00 X 17.00 INCHES) | Plot Scale: 0.5:1

G2-2: WEST BRANCH THIRTY-TWO MILE CREEK GRADE STABILIZATION KENESAW, NEBRASKA

THE 2024 LITTLE BLUE NRD 32-MILE CREEK WFPO WATERSHED PLAN

Client Project No.: ? ? ?
JEO Project No.: 191078.01
[Grant Info] ?
[EG, SEC/T/R] ?

LOCATION MAP



Scale: 1" = 3000'±

SHEET IDENTIFICATION

DISCIPLINE DESIGNATOR
SHEET TYPE DESIGNATOR
SHEET SEQUENCE

A101

DISCIPLINE DESIGNATOR	
G	GENERAL
C	CIVIL
A	ARCHITECTURAL
S	STRUCTURAL
M	MECHANICAL
P	PLUMBING
E	ELECTRICAL

	A	B
1	SHEET TYPE DESIGNATOR	
2	0	GENERAL
3	1	PLANS
4	2	ELEVATIONS, PLAN & PROFILES AND PROFILES
5	3	SECTIONS
6	4	LARGE SCALE VIEWS
7	5	DETAILS
8	6	SCHEDULES AND DIAGRAMS
9	7	NOT USED
10	8	NOT USED
11	9	3D REPRESENTATIONS

CONTACTS

OWNER:

Address:
LITTLE BLUE
NATURAL RESOURCE DISTRICT

Contact Info:
? ? ?
LBNRD@LITTLEBLUENRD.ORG
P: 402.364.2145

COORDINATING PROFESSIONAL:

Address:
JEO CONSULTING GROUP
1937 N CHESTNUT ST
WAHOO, NE 68066

Contact Info:
? ? ?
[email@domain.com]
P: 800.723.8567 | F:?

I, [name of licensee], am the coordinating professional on the [project name] project.

CIVIL ENGINEER:

Address:
JEO CONSULTING GROUP
1937 N CHESTNUT ST
WAHOO, NE 68066

Contact Info:
[Contact Name]
[name@domain.com]
P: [000.000.0000] | F: [000.000.0000]

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All site plan information is based upon US SURVEY FEET (sFT)

NOTE: NEITHER THE OWNER (CLIENT) NOR JEO CONSULTING GROUP, INC. ASSUMES ANY RESPONSIBILITY FOR UTILITY LOCATIONS BEING ACCURATELY SHOWN OR NOT SHOWN ON THE PLANS. A REQUEST FOR UTILITY LOCATES WAS MADE FOR THIS LOCATION AS PER THE ONE-CALL NOTIFICATION SYSTEM ACT.

(DATE: OC DATE TICKET NO.: TICKET NO).
(DATE: OC DATE TICKET NO.: TICKET NO).

UTILITIES SHOWN ARE FROM FIELD MARKINGS PROVIDED IN THE FIELD BY THE UTILITY PROVIDERS.

THE EXACT LOCATION AND/OR SIZE OF UNDERGROUND FEATURES MAY NOT BE ACCURATELY, COMPLETELY AND RELIABLY DEPICTED. FIELD VERIFICATION OF UTILITIES MAY BE REQUIRED. CONTRACTOR(S) SHALL NOTIFY THE RESPECTIVE UTILITY COMPANIES BEFORE COMMENCING ANY WORK.

INDEX OF SHEETS

SHEET NO.	SHEET NAME
G001	COVER SHEET, LOCATION MAP, & INDEX OF SHEETS
G002	SYMBOLS SHEET
C101	PROJECT VICINITY MAP
C201 - C207	CREEK CENTERLINE - PLAN & PROFILES

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PRELIMINARY NOT FOR CONSTRUCTION 10%

ISSUE

MARK	DATE	DESCRIPTION
A	10/30/2024	10% PRELIM DESIGN

THE 2024 LITTLE BLUE NRD 32-MILE CREEK WFPO WATERSHED PLAN

G2-2: WEST BRANCH THIRTY-TWO MILE CREEK GRADE STABILIZATION KENESAW, NEBRASKA

JEO Project No.: 191078.01
Drawn by: EJO
QAQC: -

US SURVEY FEET (sFT)

COVER SHEET, LOCATION MAP, & INDEX OF SHEETS

G001

Drawing Name: 01C100.dwg
File Path: J:\Projects\191078.01 - Little Blue NRD Thirty-Two Mile Creek WFPO Watershed Plan\7 Design\2 Drawings_Sheets

Plotted By: ERIC OLSON
Sheet Size: ANSI EXPAND B (11.00 X 17.00 INCHES) Plot Scale: 0.5:1

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	ST — 1S
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 —
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)	ST — ST — 12"ST — 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	D
STORM SEWER MANHOLE	Ⓓ
SANITARY	
CLEANOUT	Ⓒ
SEPTIC TANK	(S)
SANITARY MANHOLE	
POWER, ELECTRICAL, LIGHT, AND TRAFFIC	
AIR CONDITIONING UNIT	A
ANTENNA	
ANCHOR POLE/POST	○
GUY POLE	
GUY WIRE ANCHOR	
ELECTRICAL HIGHLINE TOWER (METAL OR CONCRETE)	
POWER POLE (EXISTING)	
POWER POLE (PROPOSED)	
POWER (ELEC) PEDESTAL	P
POWER (ELEC) PULL BOX OR MANHOLE	Ⓟ
POWER (ELEC) METER	
LIGHT POLE	
TRAFFIC SIGNAL	
TRAFFIC SIGNAL BOX	SB
TELEVISION PEDESTAL	TV
TELEVISION MANHOLE	Ⓣⓥ
WATER	
WATER MANHOLE	Ⓦ
WATER VALVE	
WATER SHUT OFF OR CURB STOP	⊗
WELL	
WATER METER	W
WATER METER PIT	WP
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	G
GAS MANHOLE	Ⓖ
GAS FILL PIPE	
GAS PUMP	
GAS VALVE	
GAS VENT	Ⓥ
TELEPHONE	
FIBER OPTICS PULL BOX	FO
TELEPHONE POLE	
TELEPHONE PULL BOX OR MANHOLE	Ⓣ
TELEPHONE PEDESTAL	T
MANHOLE (NON-SPECIFIC)	?
UNDERGRND STORAGE TANK	UST
VALVE (NON-SPECIFIC)	

SITE & SIGNAGE

ITEM	SYMBOL
SIGN	
BARRICADE	
ROAD SIGNS	
COUNTY ROAD	0
INTERSTATE HIGHWAY	0
STATE HIGHWAY	0
U.S. HIGHWAY	0
MILE MARKER POST	M
RIGHT OF WAY MARKER	R
RAILROAD CROSSING SIGNAL	RR
RAILROAD SWITCH	
FLAG POLE	
MAILBOX	
PROPANE TANK	
SATELLITE TV DISH	
WINDMILL	

CONTROL & ELEVATION

ITEM	SYMBOL
BENCHMARK	BM
CONTROL POINT (NON-PROPERTY)	
MONUMENT FOUND (PROPERTY)	
MONUMENT SET	
TEMPORARY POINT	
TEST BORING	
POINT ELEVATION (EXISTING)	× 0.00
POINT ELEVATION (PROPOSED)	0000.00 TC 1000.00 TC
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	1
NORTH ARROW	N
GRAPHIC SCALE PLAN	GRAPHIC SCALE 0 10 20 40 UNIT OF MEASURE IS FEET
GRAPHIC SCALE PROFILE/ CROSS SECTION	HORIZ.= 0 0 00 VERT.= 0 0 00
KEYNOTE OR TABULAR NOTE	101
REFERENCED NOTE	4
ELEVATION	0000.00'
SECTION	1 101 1 101
ENLARGED DETAIL	0 D0.0

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JEO Project No.: 191078.01
Drawn by: EJO
QAQC: -

US SURVEY FEET (sFT)

SYMBOLS SHEET

G002

Drawing Name: 01C100.dwg
File Path: J:\Projects\191078.01 - Little Blue NRD Thirty-Two Mile Creek WFPO Watershed Plan\7 Design\2 Drawings_Sheets

Plotted By: ERIC OLSON
Sheet Size: ANSI EXPAND B (11.00 X 17.00 INCHES) Plot Scale: 0.5:1



N

GRAPHIC SCALE

0 150 300 600

UNIT OF MEASURE IS FEET

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JEO Project No.:	191078.01
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US SURVEY FEET (sFT)

PROJECT VICINITY MAP

C101

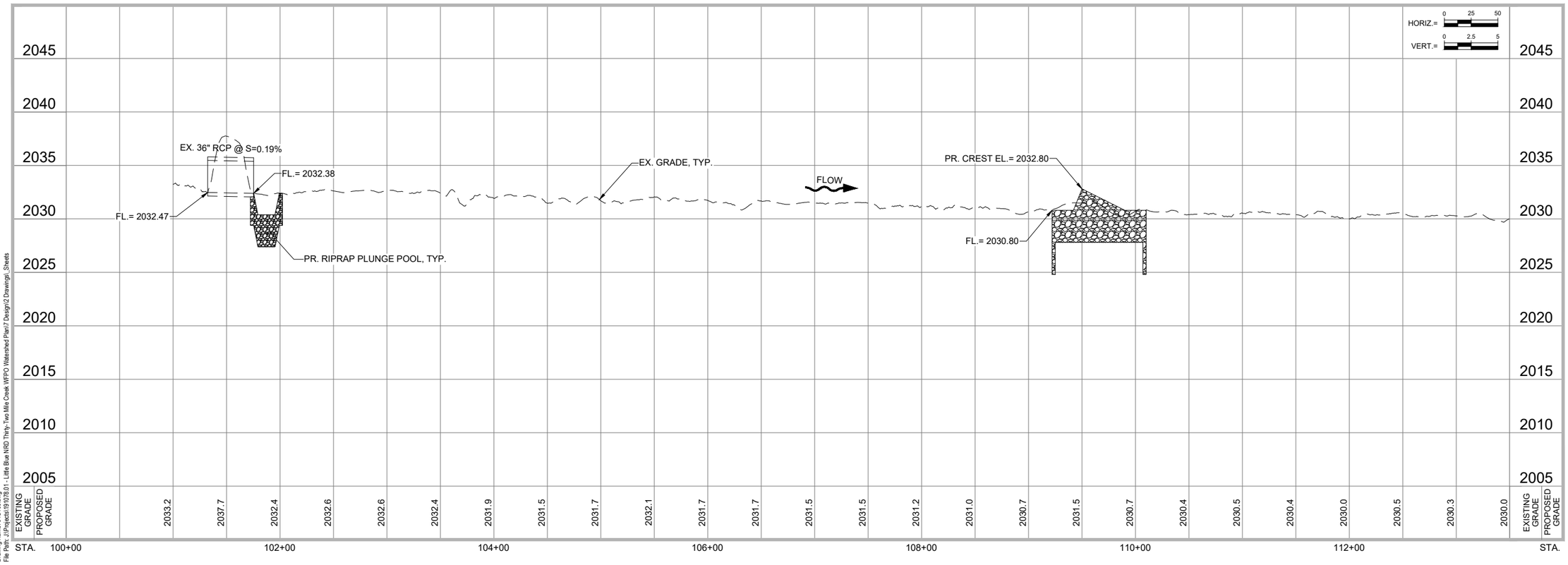
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GRAPHIC SCALE 0 25 50 100
UNIT OF MEASURE IS FEET



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JEO Project No.:	191078.01
Drawn by:	EJO
QAQC:	-

US SURVEY FEET (sFT)

CREEK CENTERLINE

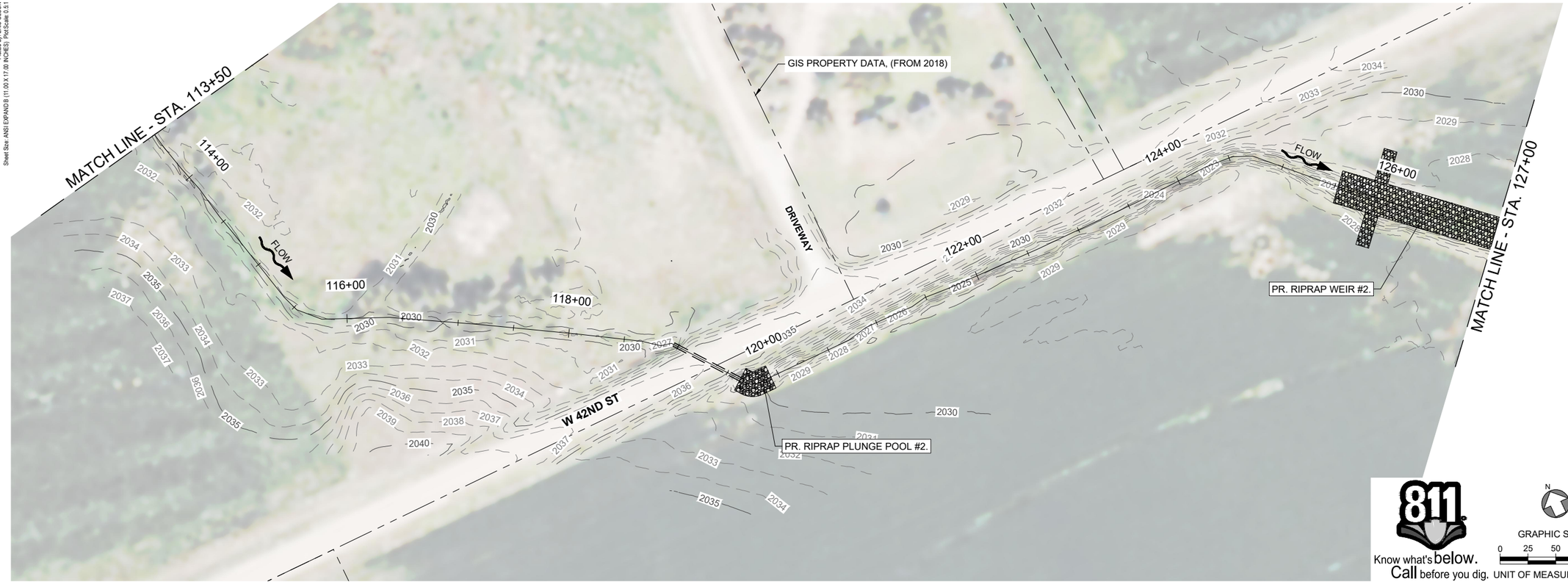
PLAN & PROFILE

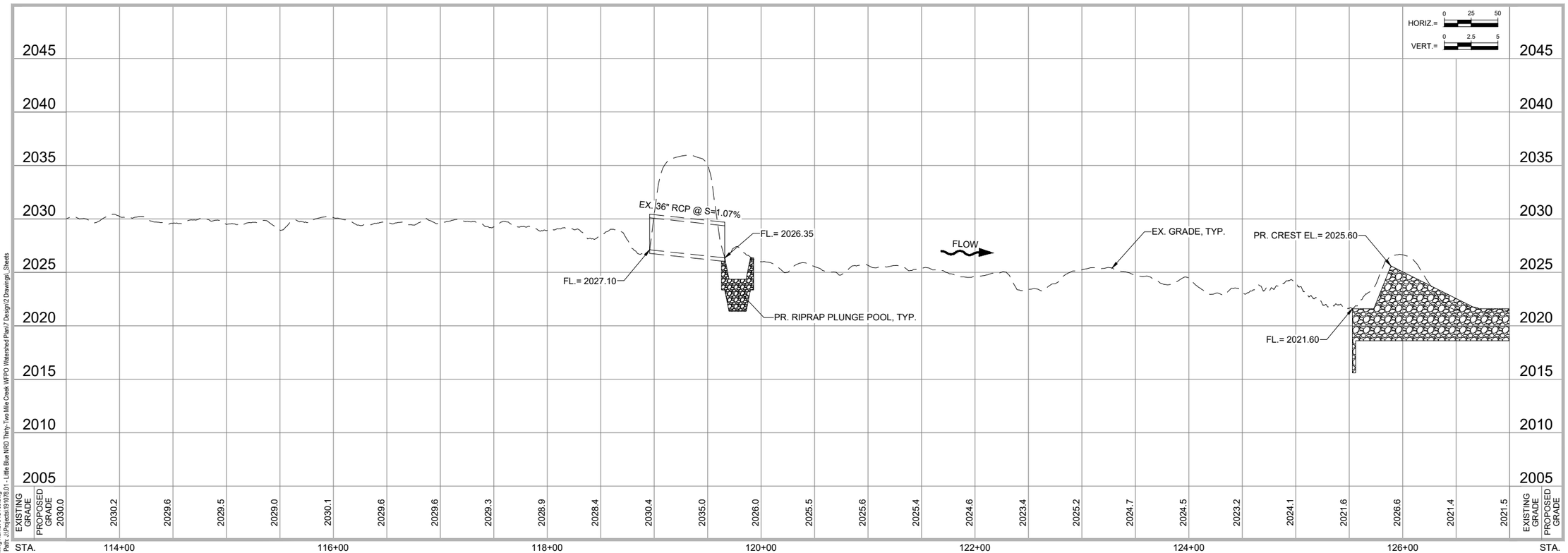
STA. 100+00 TO STA. 113+50

C201

Drawing Name: 01C100.dwg
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Plotted By: ERIC OLSON
Sheet Size: ANSI EXPAND B (11.00 X 17.00 INCHES) | Plot Scale: 0.5:1





Drawing Name: 01C100.dwg
File Path: J:\Projects\191078.01 - Little Blue NRD Thirty-Two Mile Creek WFPO Watershed Plan\7 Design\2 Drawings_Sheets

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

GRAPHIC SCALE 0 25 50 100
UNIT OF MEASURE IS FEET

JEO CONSULTING GROUP

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JEO CONSULTING, INC.
ORGANIZATION CERTIFICATE OF
AUTHORIZATION NUMBER: CA-0069

LITTLE BLUE
NATURAL RESOURCE DISTRICT
402.364.2145

PRELIMINARY NOT FOR CONSTRUCTION 10%

ISSUE

MARK	DATE	DESCRIPTION
A	10/30/2024	10% PRELIM DESIGN

THE 2024 LITTLE BLUE NRD 32-MILE CREEK WFPO WATERSHED PLAN

G2-2: WEST BRANCH THIRTY-TWO MILE CREEK GRADE STABILIZATION KENESAW, NEBRASKA

JEO Project No.:	191078.01
Drawn by:	EJO
QAQC:	-

US SURVEY FEET (sFT)

CREEK CENTERLINE

PLAN & PROFILE

STA. 113+50 TO STA. 127+00

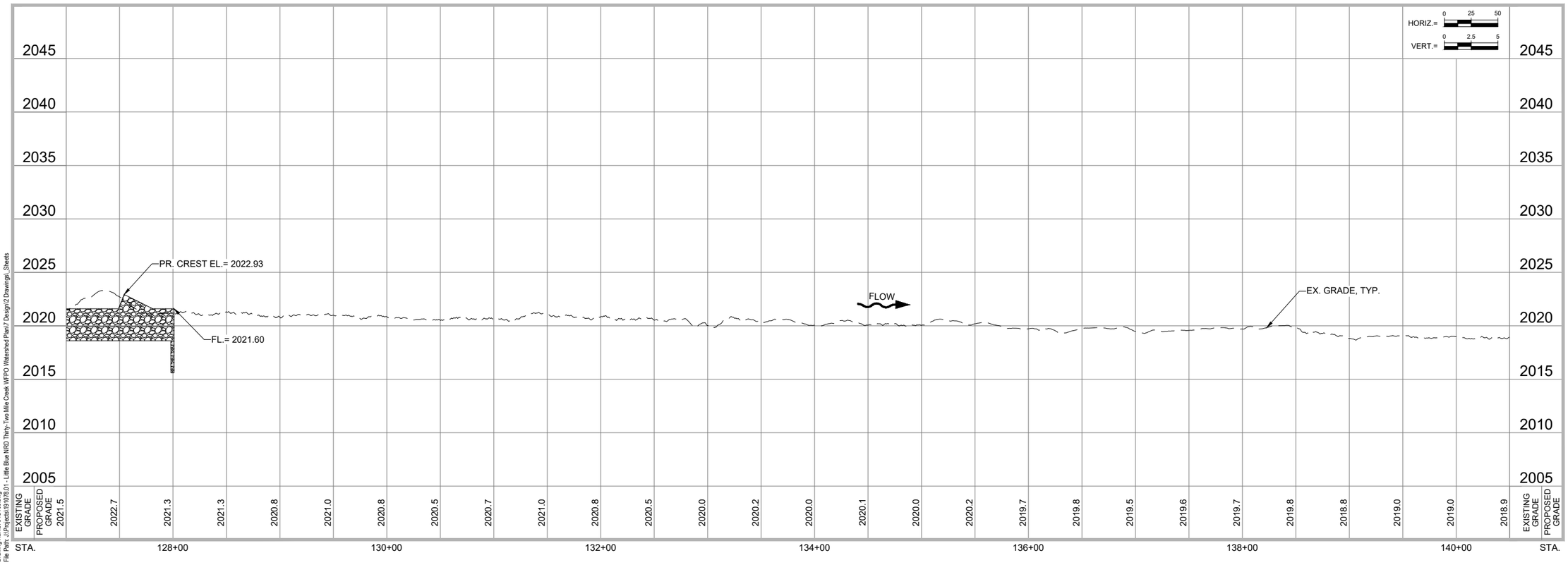
C202

Plotted By: ERIC OLSON
Sheet Size: ANSI EXPAND B (11.00 X 17.00 INCHES) Plot Scale: 0.5:1



Know what's below. Call before you dig.

GRAPHIC SCALE
0 25 50 100
UNIT OF MEASURE IS FEET



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LITTLE BLUE
NATURAL RESOURCE DISTRICT
402.364.2145

PRELIMINARY
NOT FOR CONSTRUCTION
10%

ISSUE

MARK	DATE	DESCRIPTION
A	10/30/2024	10% PRELIM DESIGN

THE 2024 LITTLE BLUE NRD 32-MILE CREEK WFPO WATERSHED PLAN

G2-2: WEST BRANCH THIRTY-TWO MILE CREEK GRADE STABILIZATION KENESAW, NEBRASKA

JEO Project No.:	191078.01
Drawn by:	EJO
QAQC:	-

US SURVEY FEET (sFT)

CREEK CENTERLINE

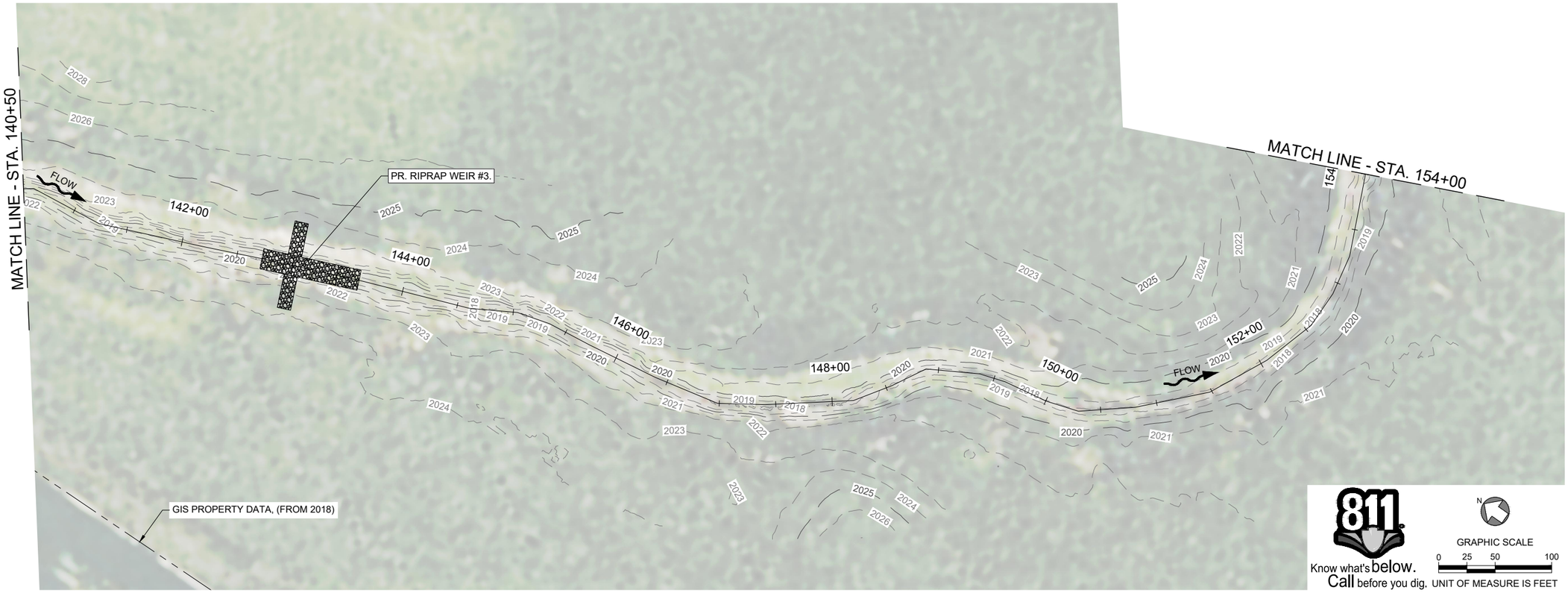
PLAN & PROFILE

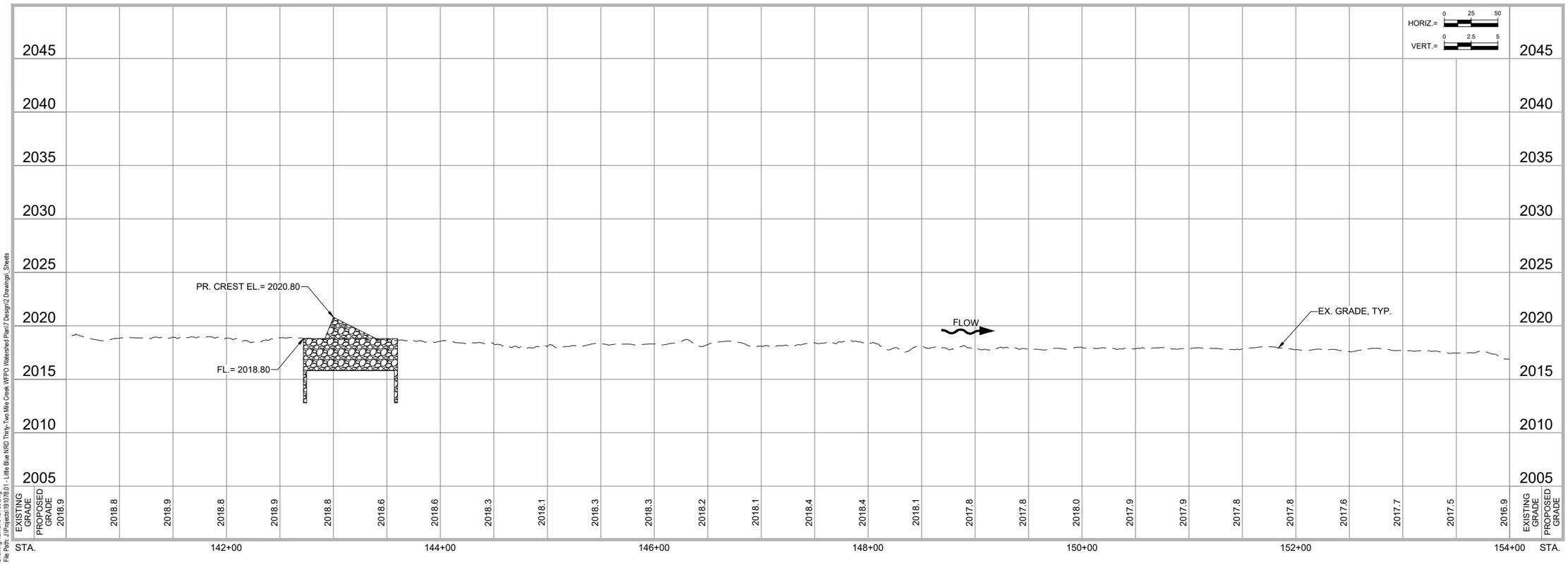
STA. 127+00 TO STA. 140+50

C203

Drawing Name: 01C100.dwg
File Path: J:\Projects\191078.01 - Little Blue NRD Thirty-Two Mile Creek WFPO Watershed Plan\7 Design\2 Drawings_Sheets

Plotted By: ERIC OLSON
Sheet Size: ANSI EXPAND B (11.69 X 17.00 INCHES) Plot Scale: 0.5:1





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

GRAPHIC SCALE 0 25 50 100

UNIT OF MEASURE IS FEET

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LITTLE BLUE
NATURAL RESOURCE DISTRICT
402.364.2145

PRELIMINARY NOT FOR CONSTRUCTION 10% PRELIMINARY

ISSUE

MARK	DATE	DESCRIPTION
A	10/30/2024	10% PRELIM DESIGN

THE 2024 LITTLE BLUE NRD 32-MILE CREEK WFPO WATERSHED PLAN

G2-2: WEST BRANCH THIRTY-TWO MILE CREEK GRADE STABILIZATION KENESAW, NEBRASKA

JEO Project No.:	191078.01
Drawn by:	EJO
QAQC:	-

US SURVEY FEET (sFT)

CREEK CENTERLINE

PLAN & PROFILE

STA. 140+50 TO STA. 154+00

C204

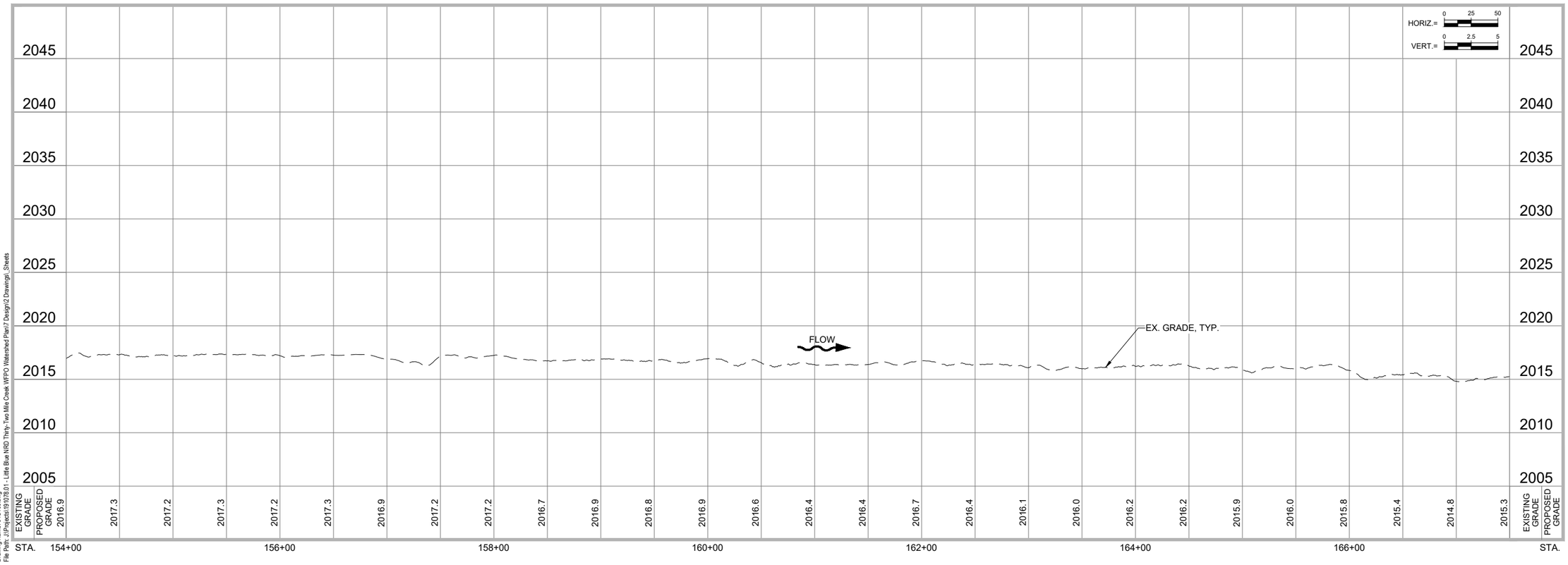
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Plotted By: ERIC OLSON
Sheet Size: ANSI EXPAND B (11.00 X 17.00 INCHES) Plot Scale: 0.5:1



Know what's below. Call before you dig.

GRAPHIC SCALE
0 25 50 100
UNIT OF MEASURE IS FEET



Drawing Name: 01C100.dwg
File Path: J:\Projects\191078.01 - Little Blue NRD Thirty-Two Mile Creek WFPO Watershed Plan\7 Design\2 Drawings_Sheets

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LITTLE BLUE
NATURAL RESOURCE DISTRICT
402.364.2145

PRELIMINARY NOT FOR CONSTRUCTION 10%

ISSUE

MARK	DATE	DESCRIPTION
A	10/30/2024	10% PRELIM DESIGN

THE 2024 LITTLE BLUE NRD 32-MILE CREEK WFPO WATERSHED PLAN

G2-2: WEST BRANCH THIRTY-TWO MILE CREEK GRADE STABILIZATION KENESAW, NEBRASKA

JEO Project No.:	191078.01
Drawn by:	EJO
QAQC:	-

US SURVEY FEET (sFT)

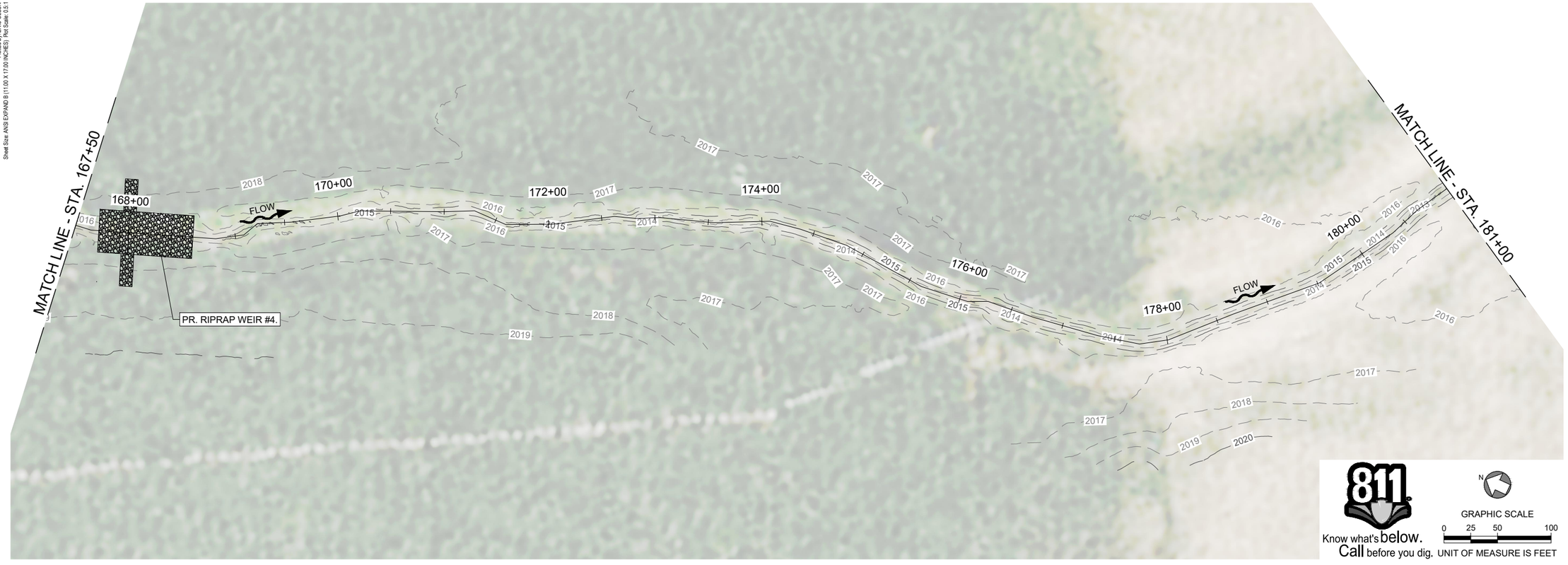
CREEK CENTERLINE

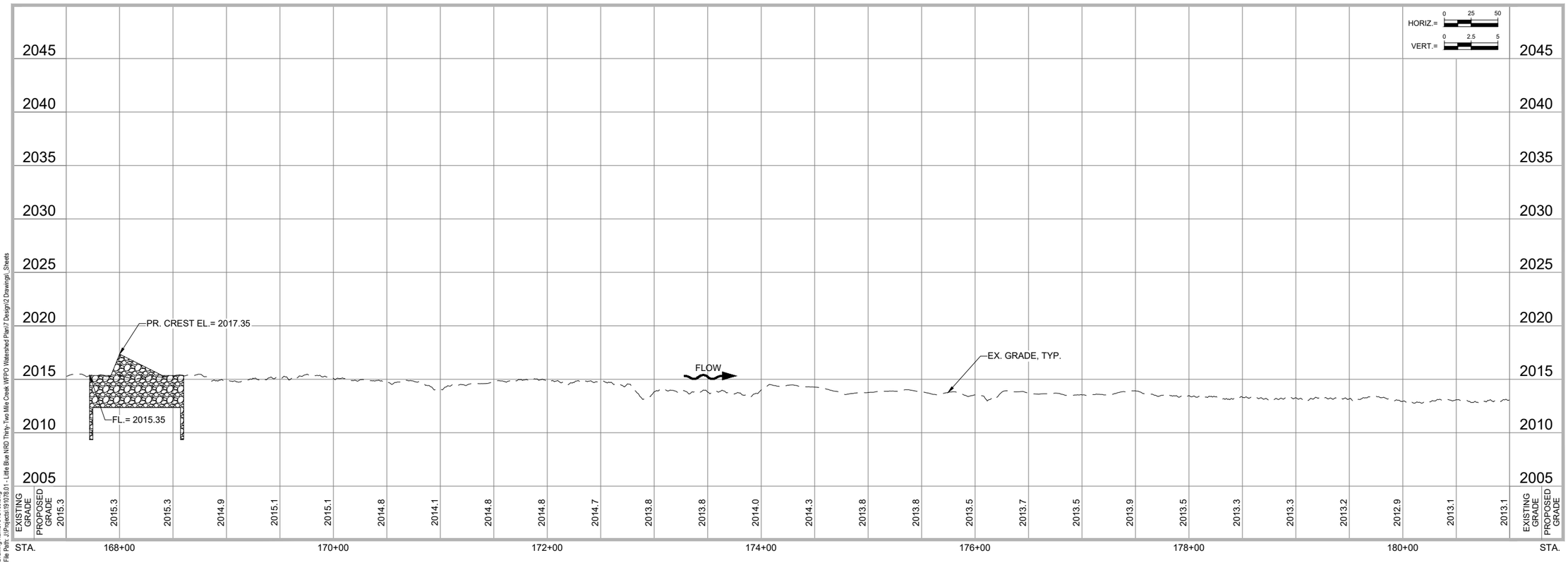
PLAN & PROFILE

STA. 154+00 TO STA. 167+50

C205

Plotted By: ERIC OLSON
Sheet Size: ANSI EXPAND B (11.00 X 17.00 INCHES) Plot Scale: 0.5:1





Know what's below. Call before you dig.

GRAPHIC SCALE
0 25 50 100
UNIT OF MEASURE IS FEET

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LITTLE BLUE
NATURAL RESOURCE DISTRICT
402.364.2145

PRELIMINARY NOT FOR CONSTRUCTION 10%

ISSUE

MARK	DATE	DESCRIPTION
A	10/30/2024	10% PRELIM DESIGN

THE 2024 LITTLE BLUE NRD 32-MILE CREEK WFPO WATERSHED PLAN

G2-2: WEST BRANCH THIRTY-TWO MILE CREEK GRADE STABILIZATION KENESAW, NEBRASKA

JEO Project No.:	191078.01
Drawn by:	EJO
QAQC:	-

US SURVEY FEET (sFT)

CREEK CENTERLINE

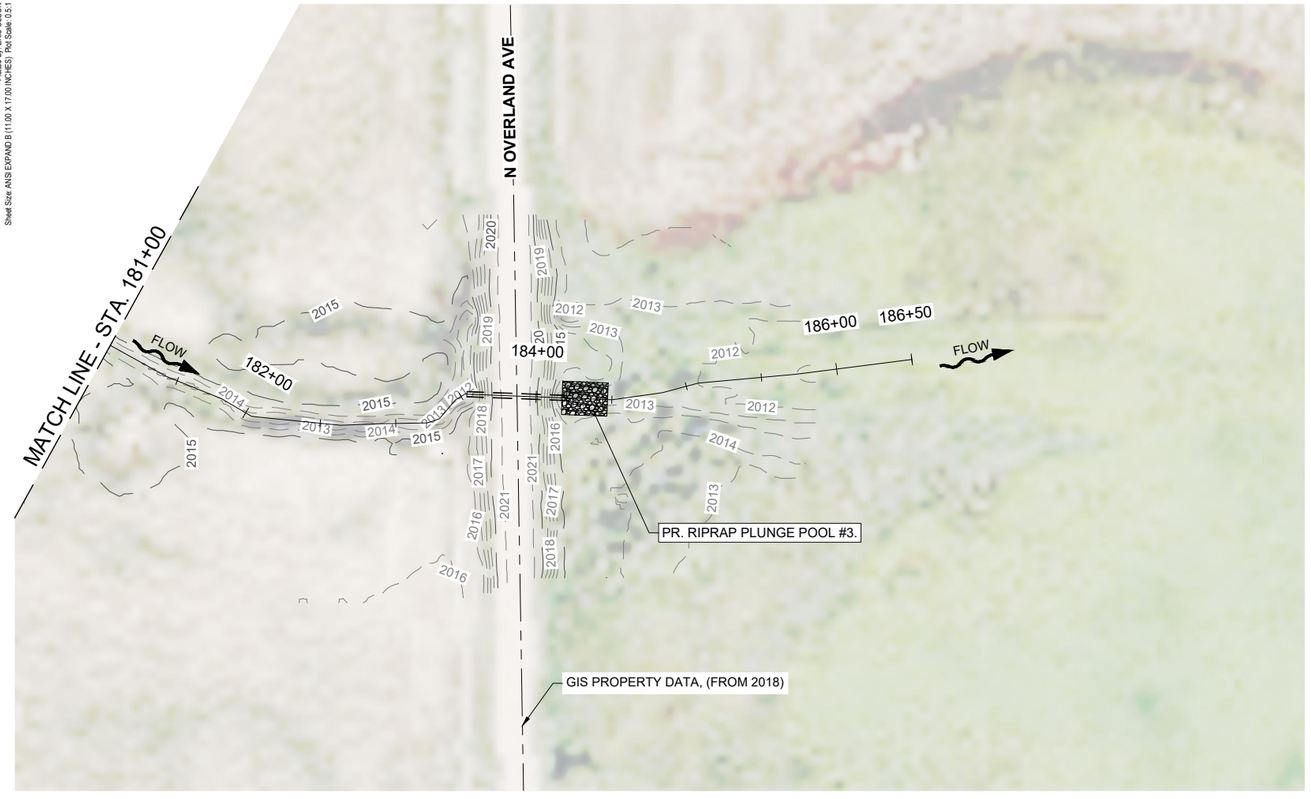
PLAN & PROFILE

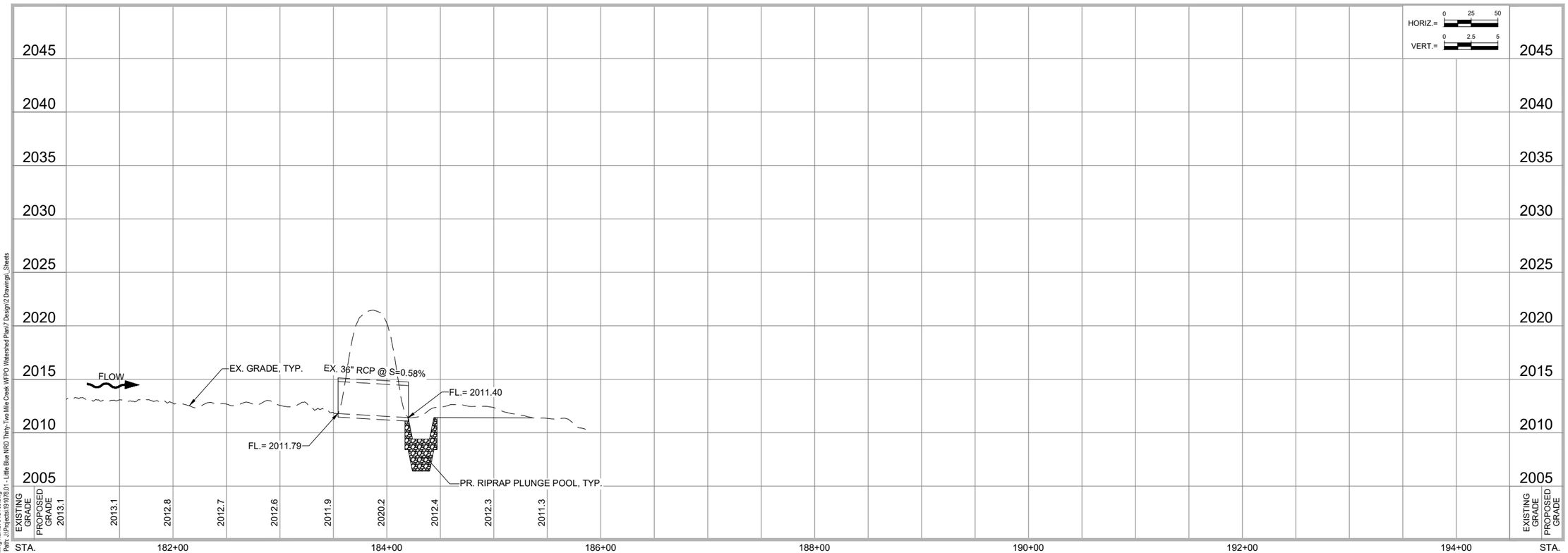
STA. 167+50 TO STA. 181+00

C206

Drawing Name: 01C100.dwg
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Plotted By: ERIC OLSON
Sheet Size: ANSI EXPAND B (11.00 X 17.00 INCHES) | Plot Scale: 0.5:1





Drawing Name: c1c100.dwg
File Path: J:\Projects\191078.01 - Little Blue NRD Thirty-Two Mile Creek WFPO Watershed Plan\7 Design\2 Drawings_Sheets

Know what's below. Call before you dig.

N

GRAPHIC SCALE
0 25 50 100
UNIT OF MEASURE IS FEET

JEO CONSULTING GROUP

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JEO CONSULTING, INC.
ORGANIZATION CERTIFICATE OF
AUTHORIZATION NUMBER: CA-0069

LITTLE BLUE
NATURAL RESOURCE DISTRICT
402.364.2145

PRELIMINARY
NOT FOR CONSTRUCTION
10%

ISSUE

MARK	DATE	DESCRIPTION
A	10/30/2024	10% PRELIM DESIGN

THE 2024 LITTLE BLUE NRD 32-MILE CREEK WFPO WATERSHED PLAN

G2-2: WEST BRANCH THIRTY-TWO MILE CREEK GRADE STABILIZATION KENESAW, NEBRASKA

JEO Project No.: 191078.01
Drawn by: EJO
QAQC: -

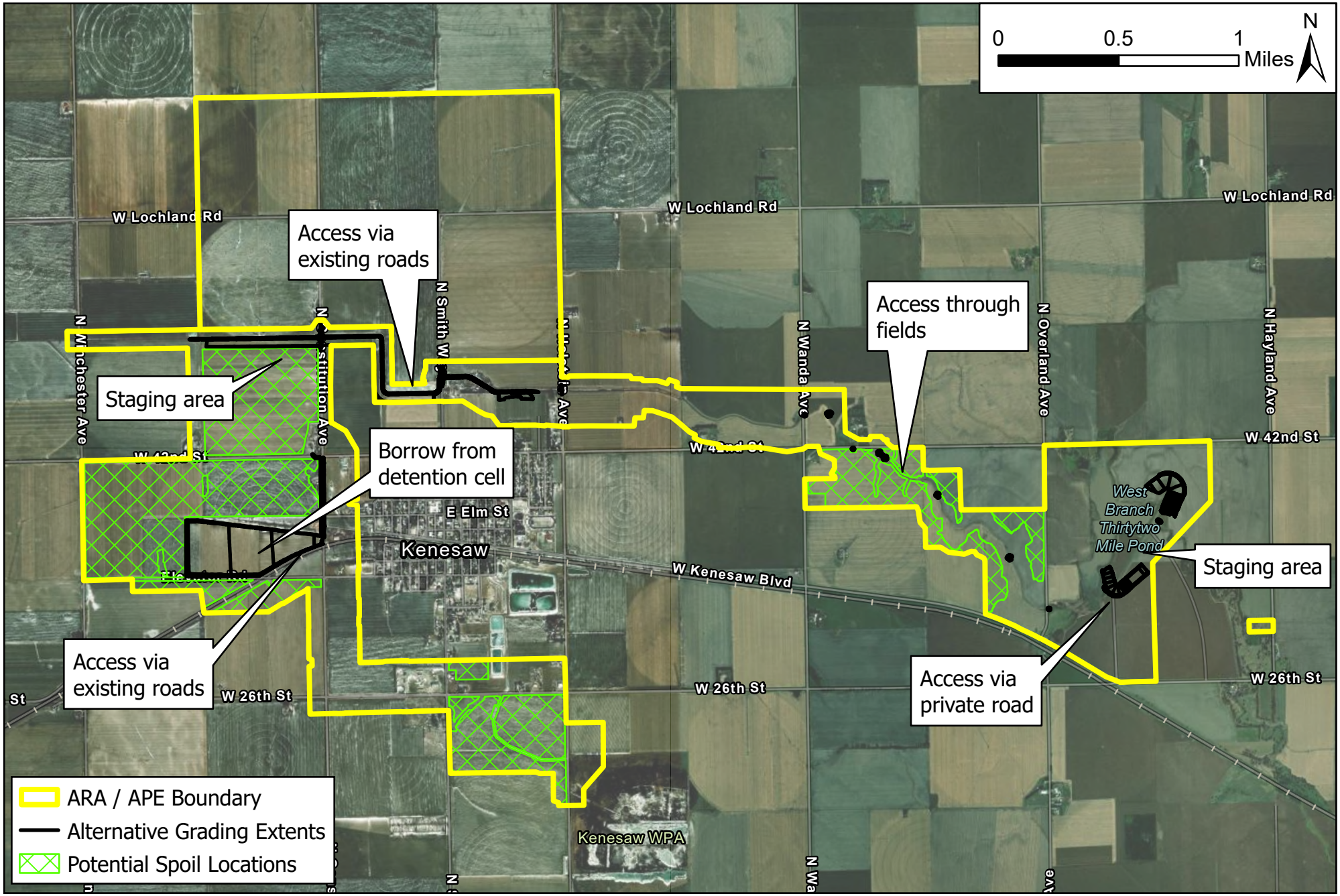
US SURVEY FEET (sFT)

CREEK CENTERLINE

PLAN & PROFILE

STA. 181+00 TO STA. 186+00

C207



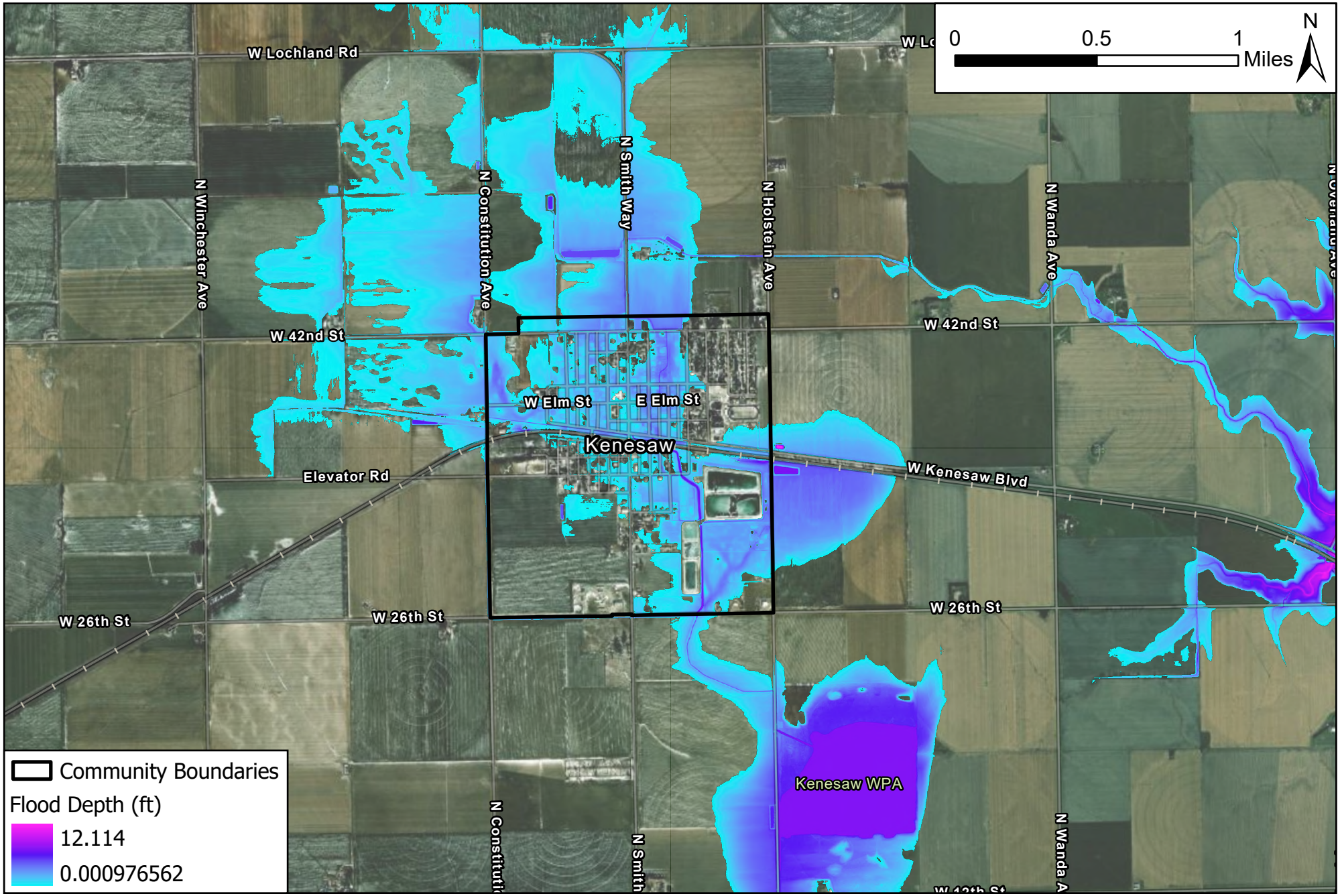
Kenesaw ARA & APE

Thirty-Two Mile Creek WFPO Plan-EA

Created By: DJV
Date: 1/7/2025

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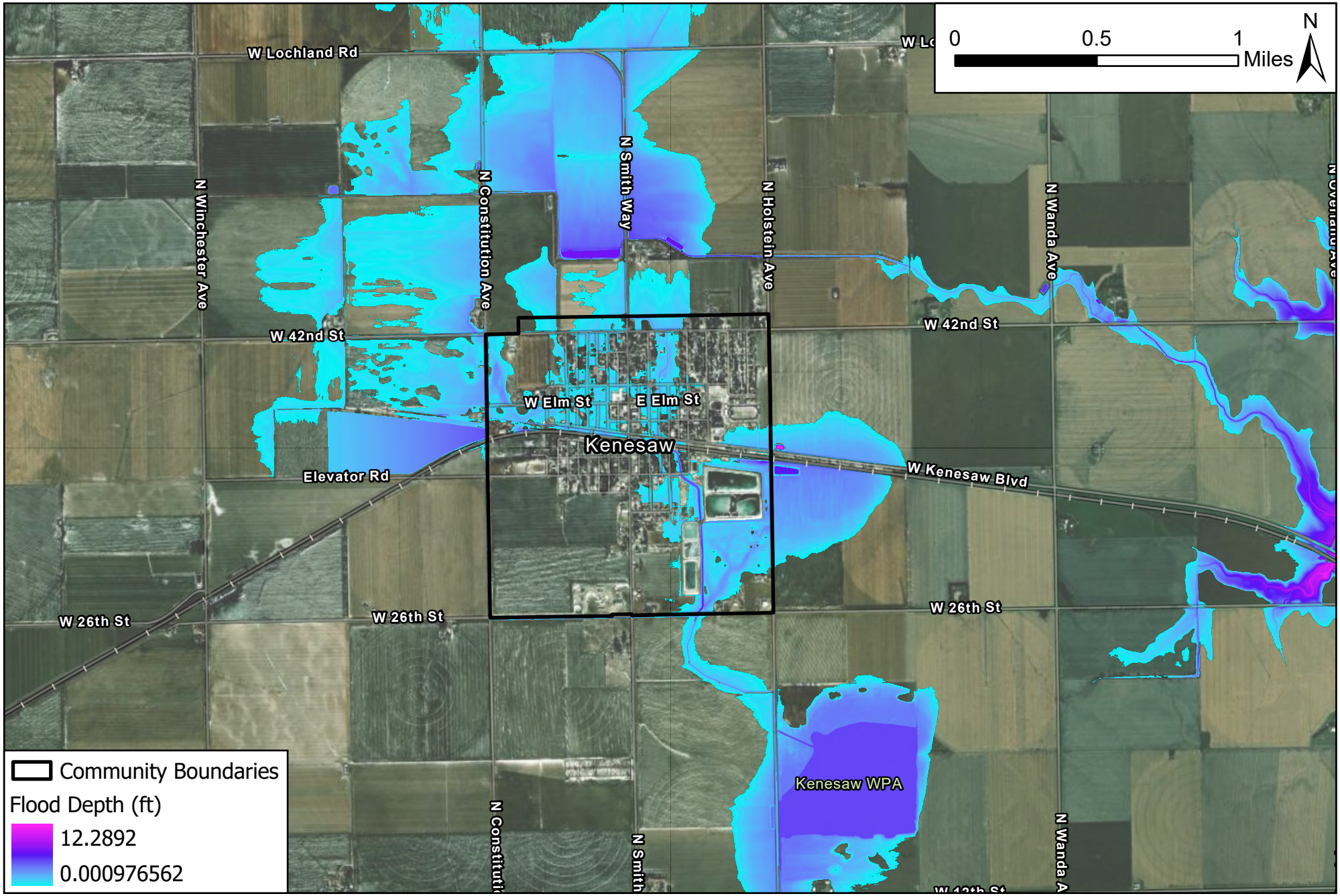
100-Year Existing Flooding

Thirty-Two Mile Creek WFPO Plan-EA

Created By: DJV
Date: 1/7/2025

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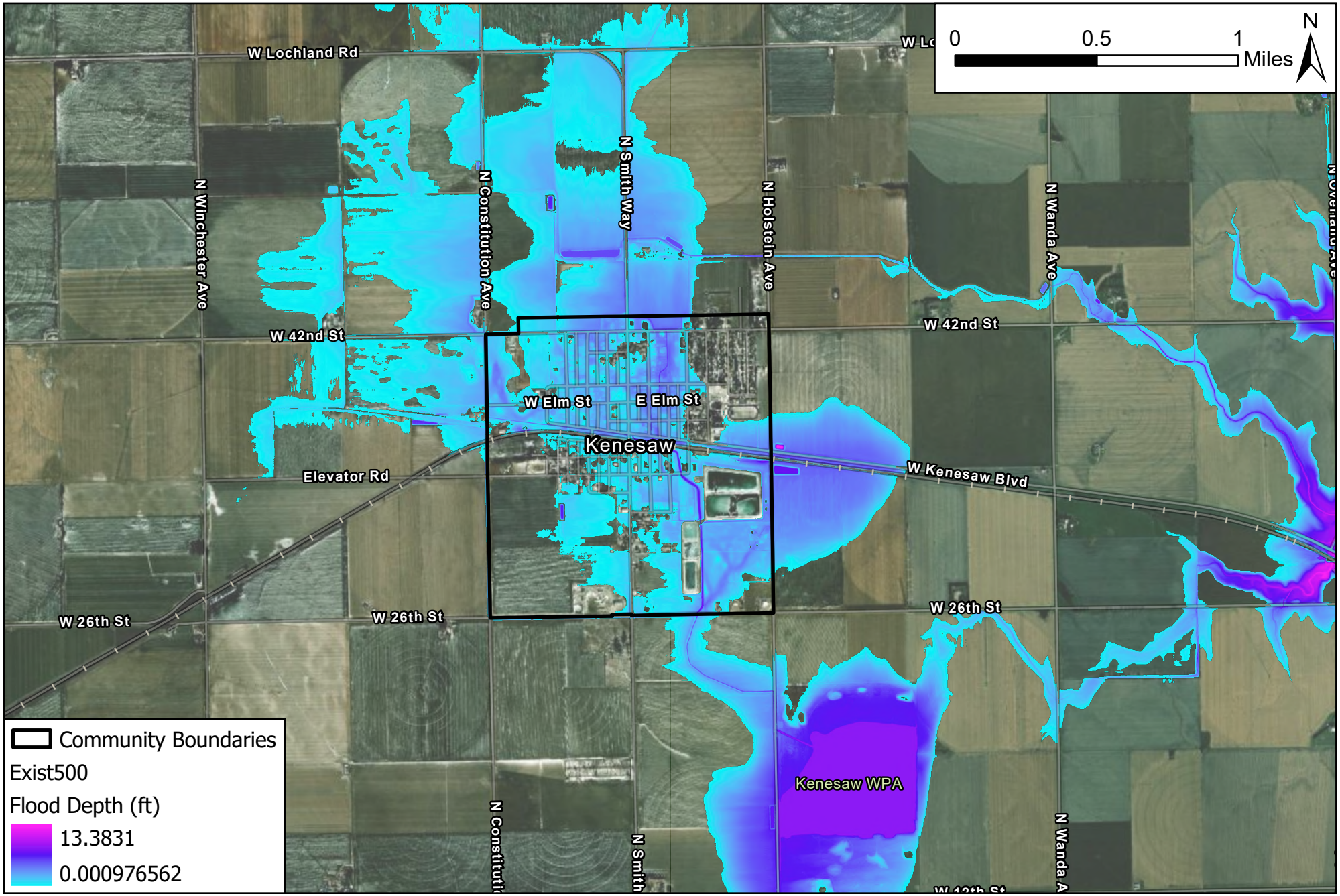
100-Year Proposed Flooding

Thirty-Two Mile Creek WFPO Plan-EA

Created By: DJV
Date: 1/7/2025

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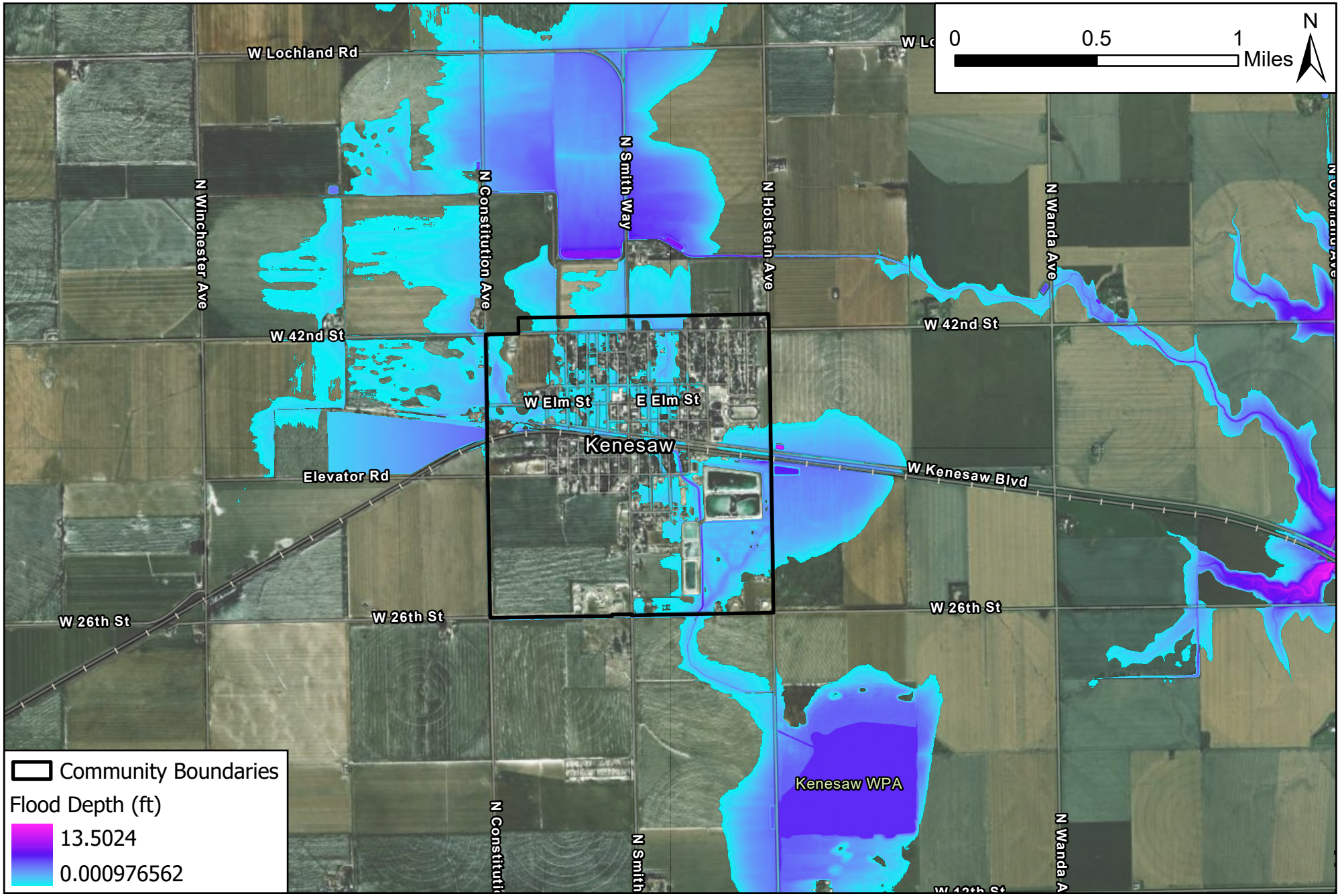
500-Year Existing Flooding

Thirty-Two Mile Creek WFPO Plan-EA

Created By: DJV
Date: 1/7/2025

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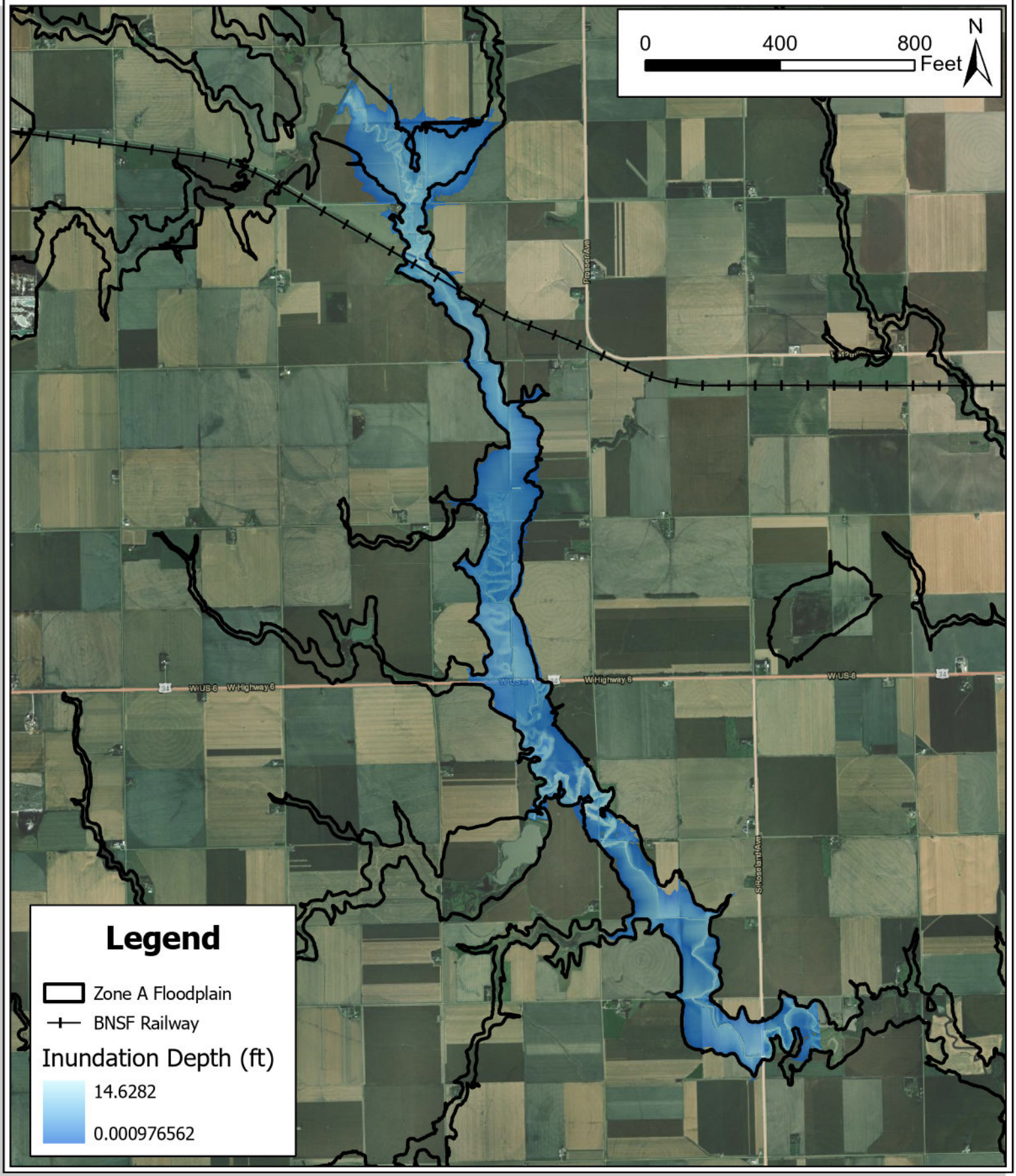
500-Year Proposed Flooding

Thirty-Two Mile Creek WFPO Plan-EA

Created By: DJV
Date: 1/7/2025

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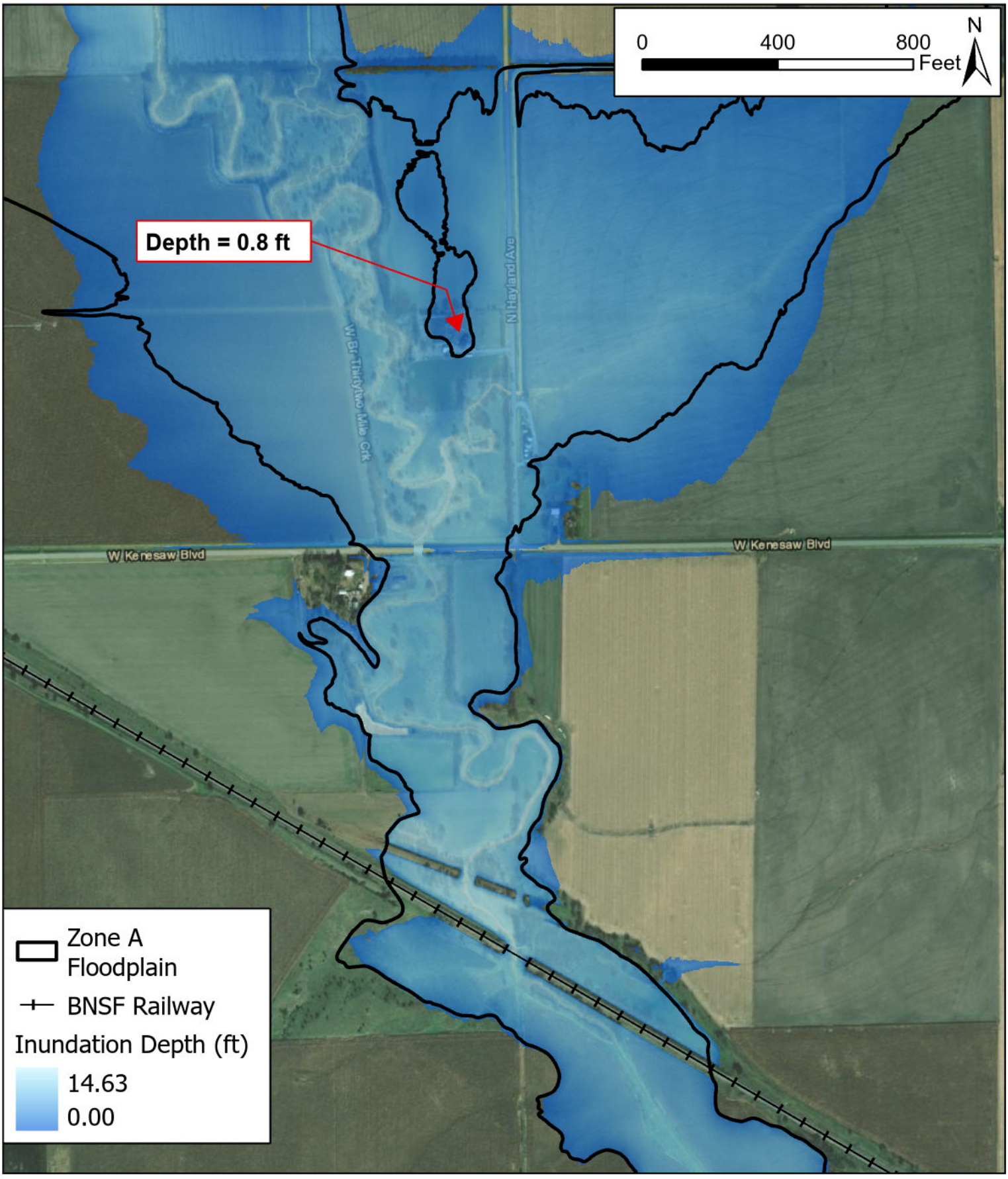
Created By: Ann Nissen
Date: 1/28/2025
Software: ArcPRO
File: 191078.01

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F8-3: K Dam

Breach Map
Little Blue NRD

JEO CONSULTING GROUP INC



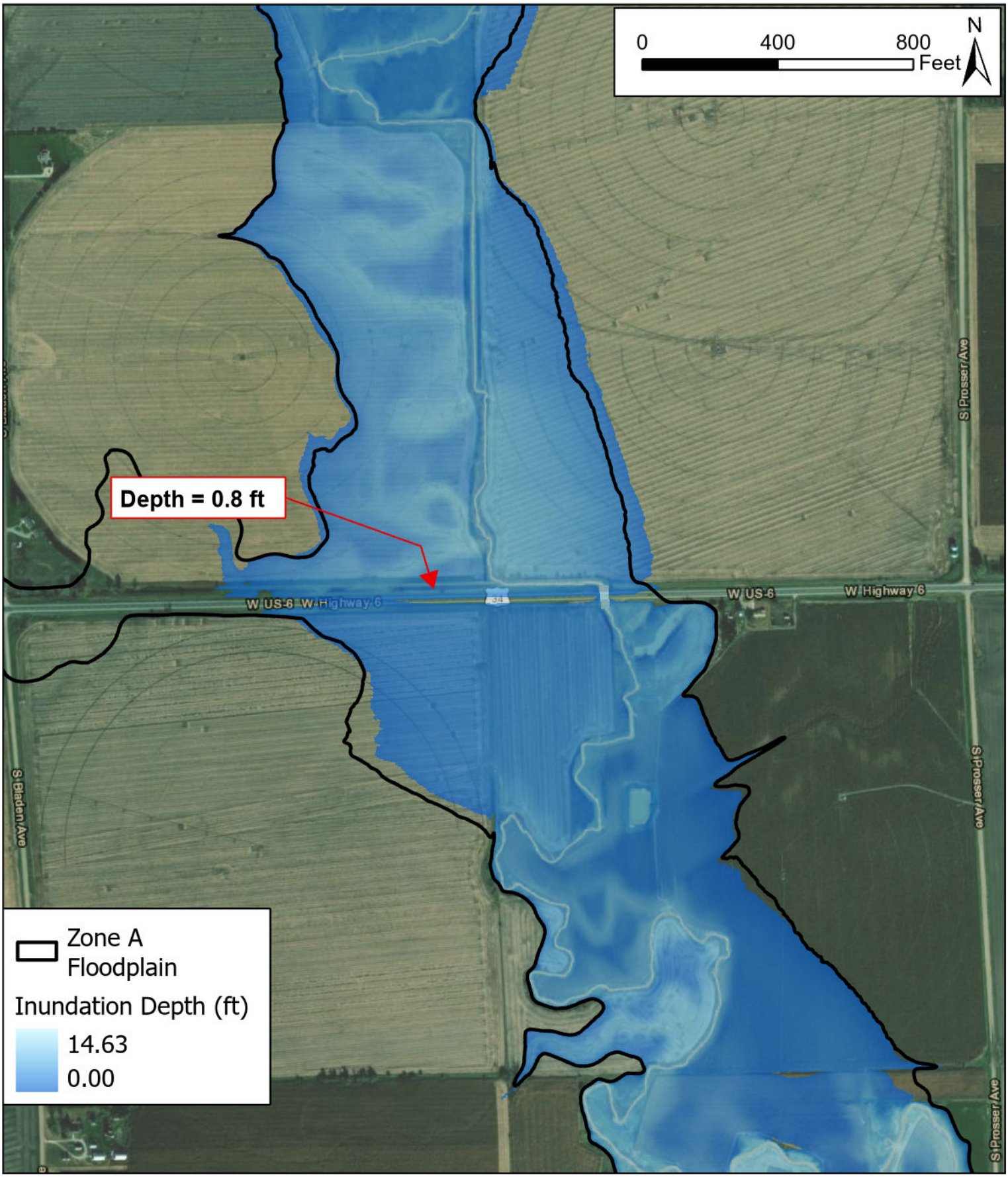
Created By: Ann Nissen
Date: 5/29/2025
Software: ArcPRO
File: 191078.01

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F8-3: K Dam

Breach Map
Little Blue NRD

JEO CONSULTING GROUP INC



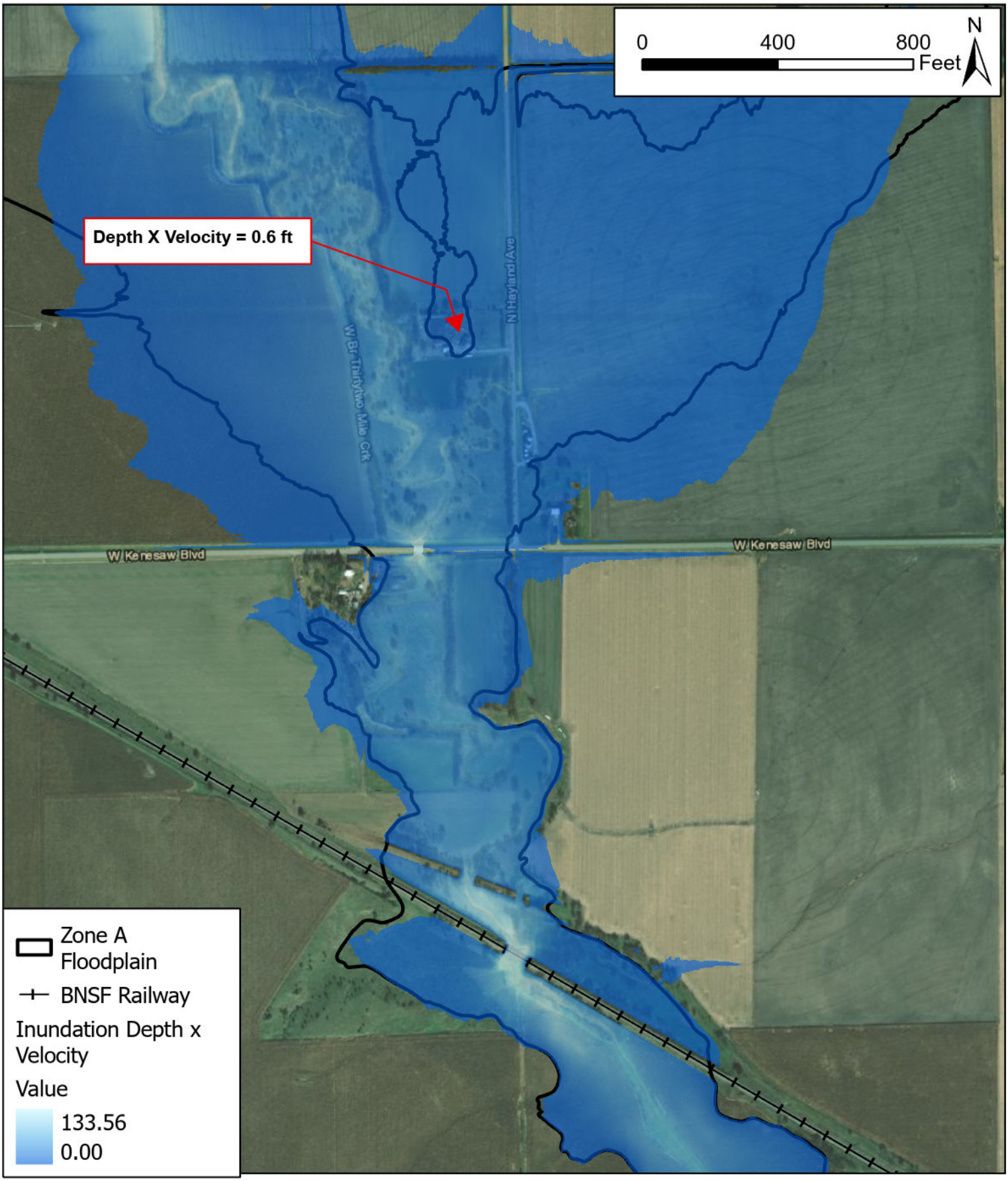
Created By: Ann Nissen
Date: 5/29/2025
Software: ArcPRO
File: 191078.01

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F8-3: K Dam

Breach Map
Little Blue NRD

JEO CONSULTING GROUP INC



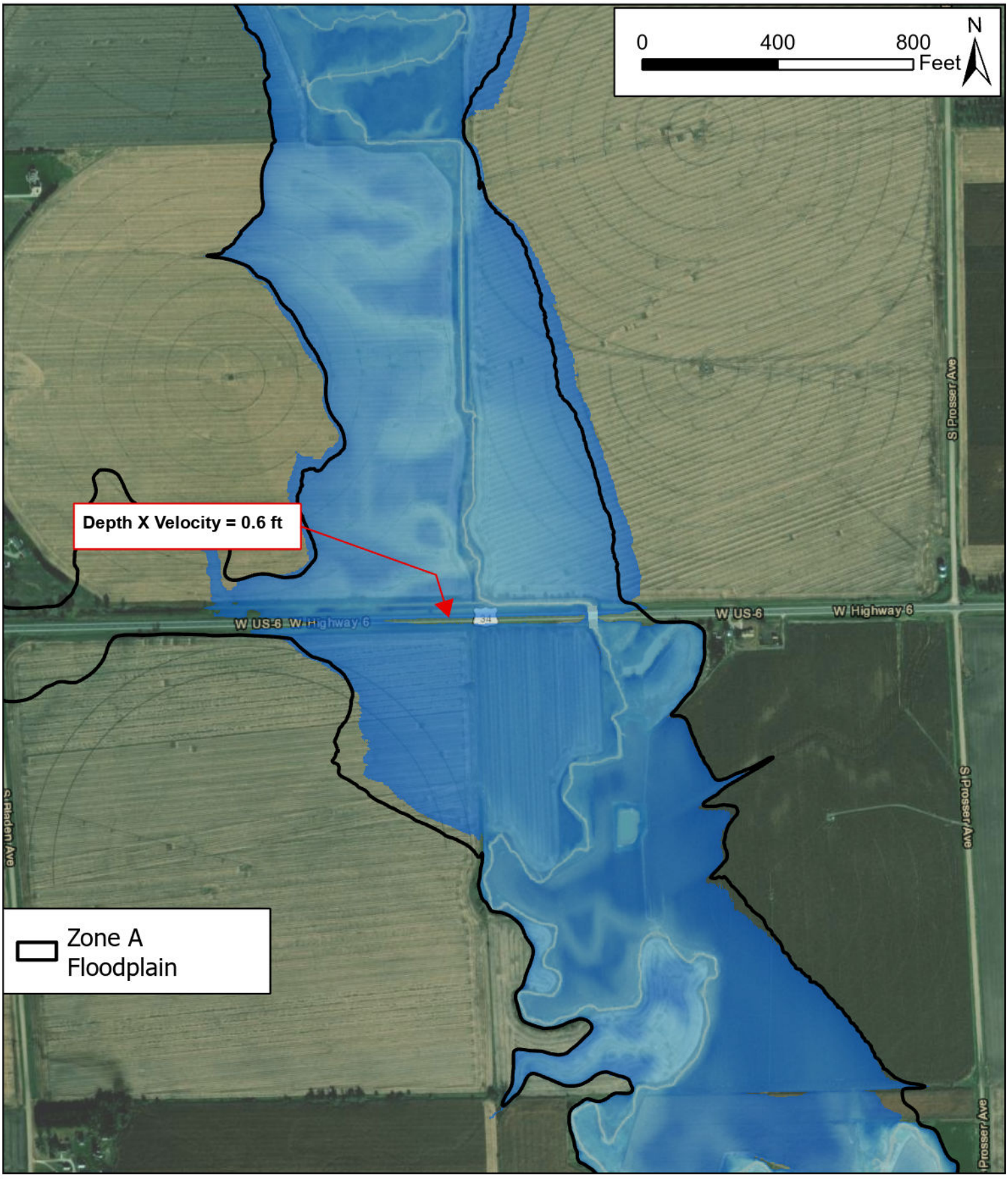
Created By: Ann Nissen
Date: 5/29/2025
Software: ArcPRO
File: 191078.01

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F8-3: K Dam

Breach Map
Little Blue NRD

JEO CONSULTING GROUP INC



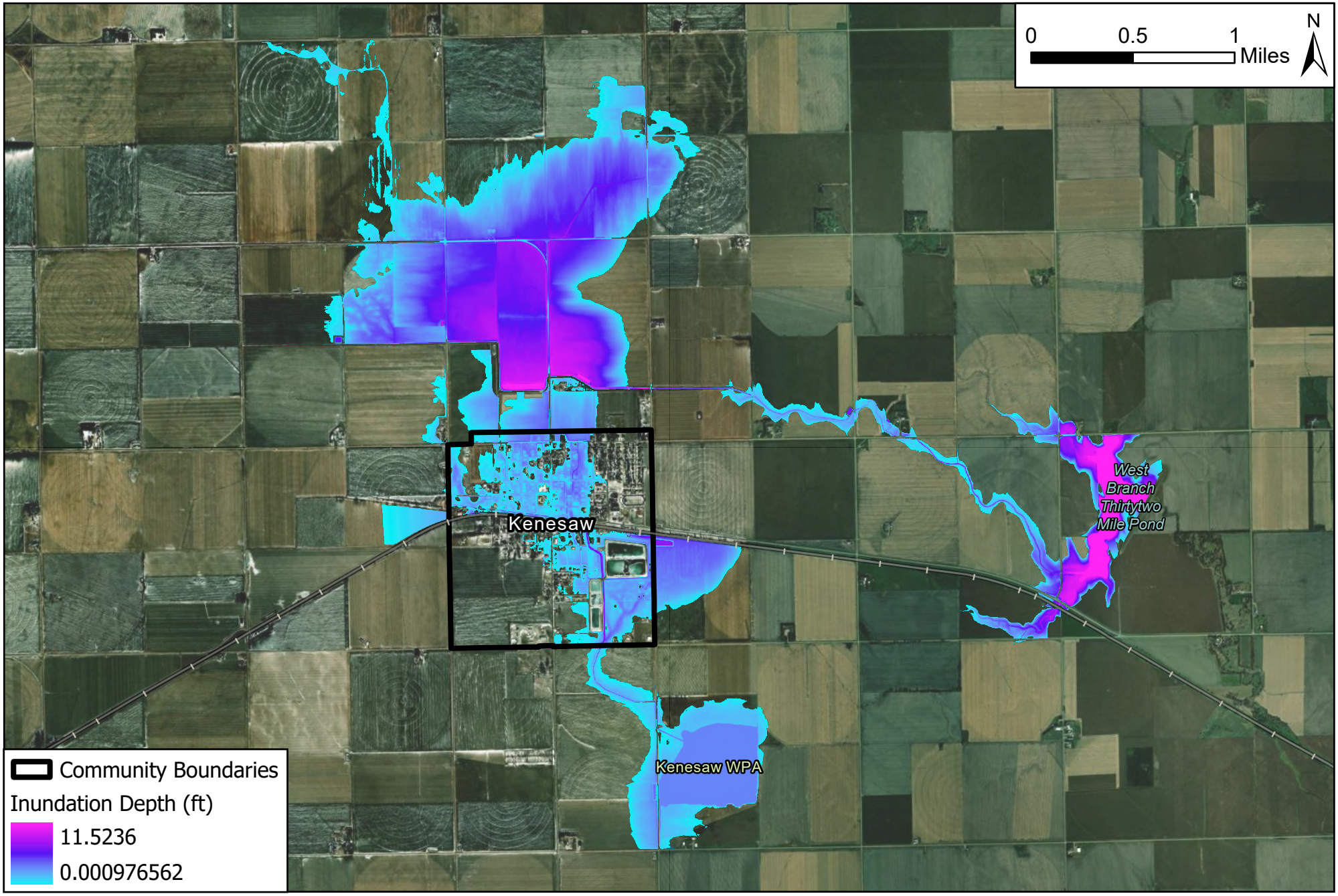
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Date: 5/29/2025
Software: ArcPRO
File: 191078.01

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F8-3: K Dam

Breach Map
Little Blue NRD

JEO CONSULTING GROUP INC



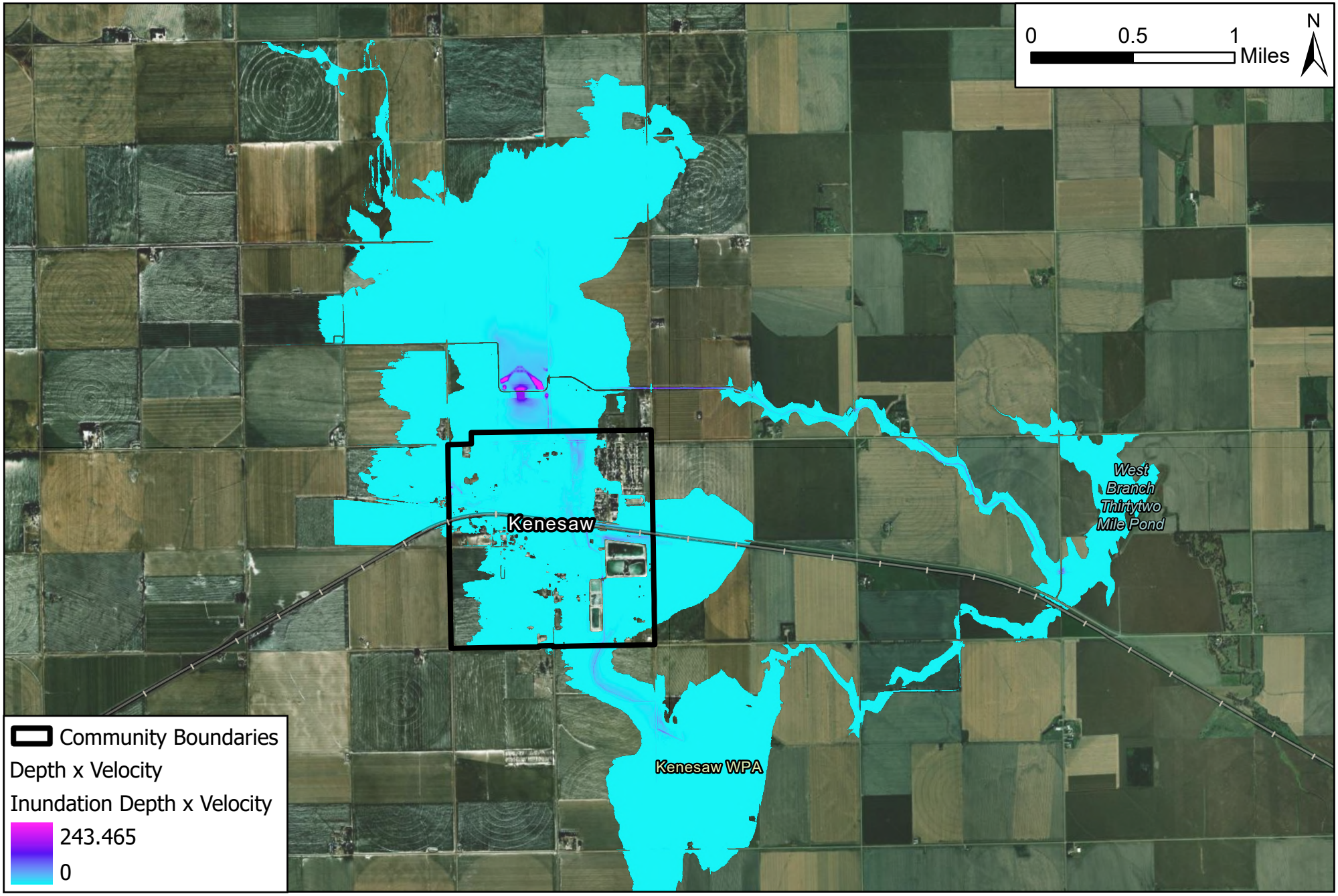
Levee Breach Extents

Thirty-Two Mile Creek WFPO Plan-EA

Created By: DJV
Date: 8/15/2025

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Levee Breach Extents

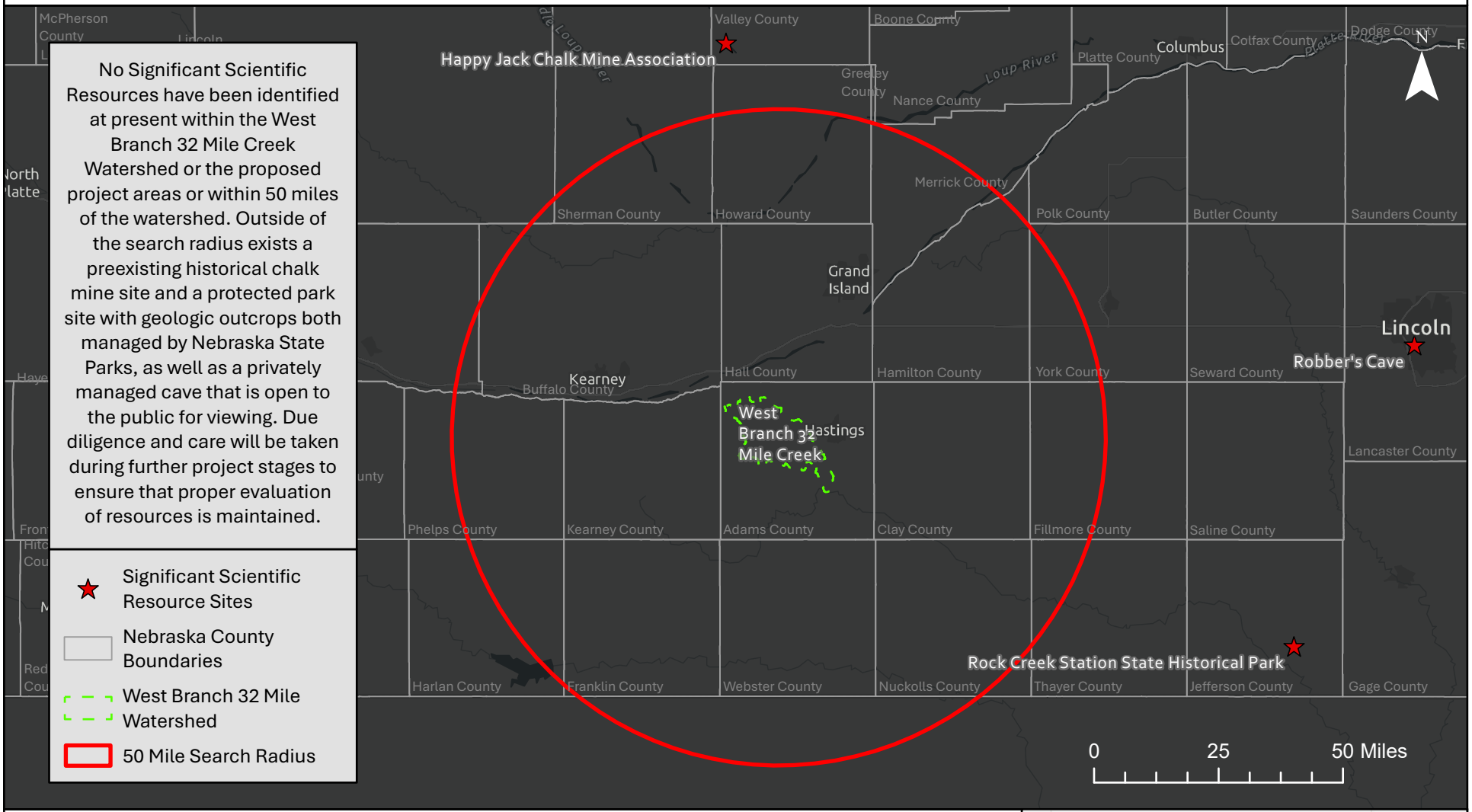
Thirty-Two Mile Creek WFPO Plan-EA

Created By: DJV
Date: 8/15/2025

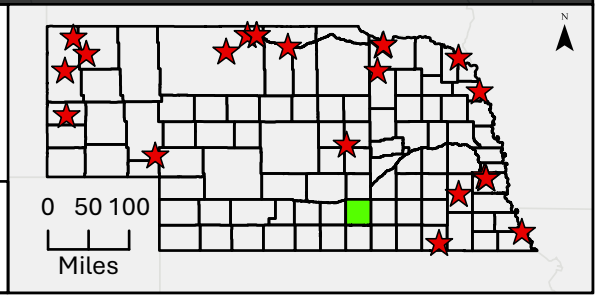
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Significant Scientific Resources within Nebraska



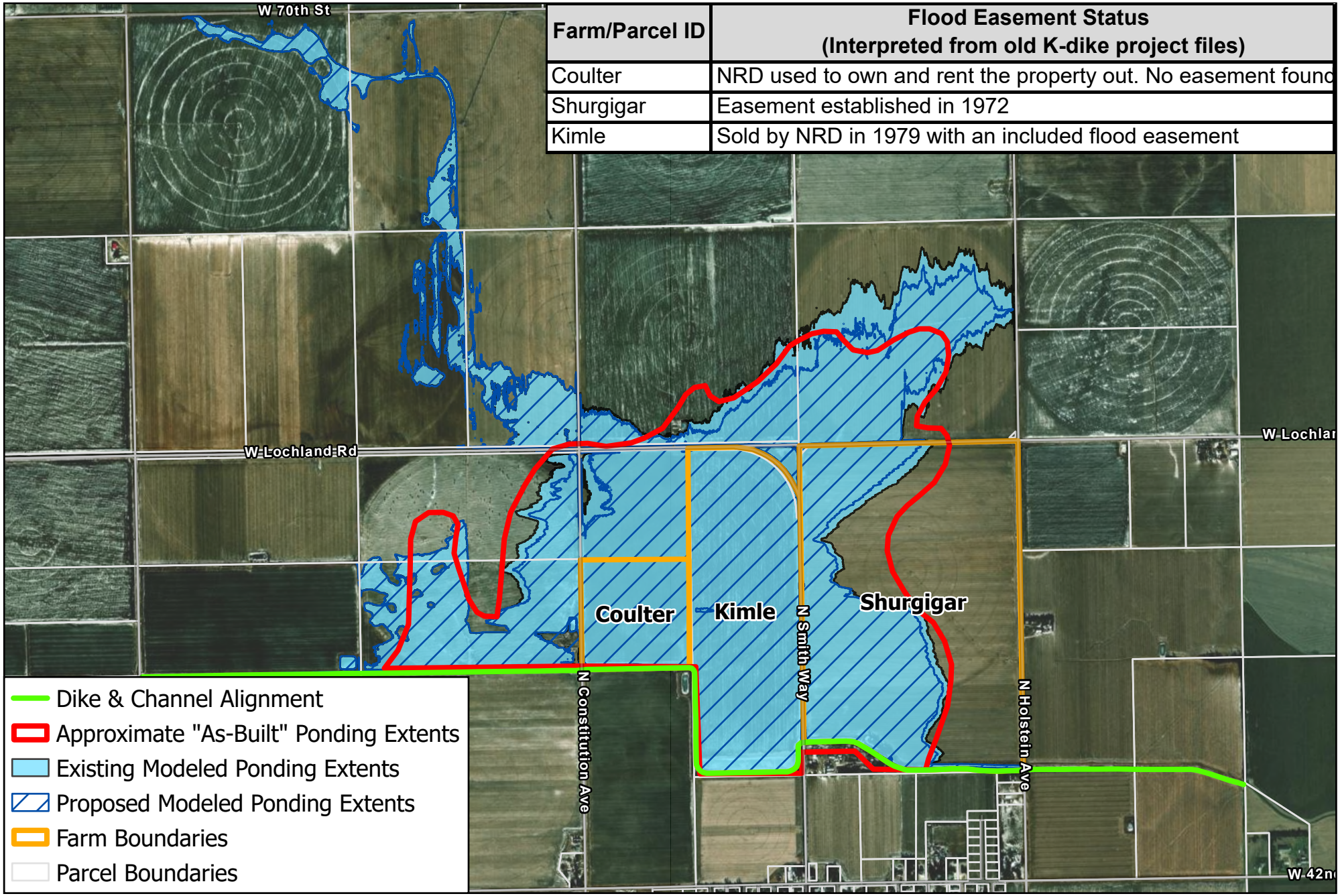
Significant Scientific Resources are recognized as valuable and are protected by various laws, policies, and regulations held within the United States. As defined by these laws and NRCS, scientific resources can be categorized by their geological, paleontological, or other intrinsic scientific values. Significant Scientific Resources within Nebraska include those of protected fossil sites as well as significant geological features and landforms.



USDA Natural Resources Conservation Service
United States Department of Agriculture
Helping People Help the Land
An Equal Opportunity Lender, Provider and Employer

Created by: A. Sealander
Date: 1/2025
Source: ESRI, USGS, UNL, NEDNR, USDA, NOAA.

Farm/Parcel ID	Flood Easement Status (Interpreted from old K-dike project files)
Coulter	NRD used to own and rent the property out. No easement found
Shurgigar	Easement established in 1972
Kimle	Sold by NRD in 1979 with an included flood easement



Created By: DJV
Date: 4/8/2025
Software: ArcGIS Pro

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K-Dike 100-Year Ponding Extents

Kenesaw, NE

N

0 0.25 0.5 Miles

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