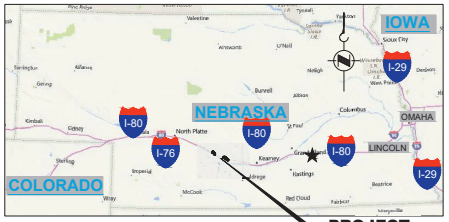
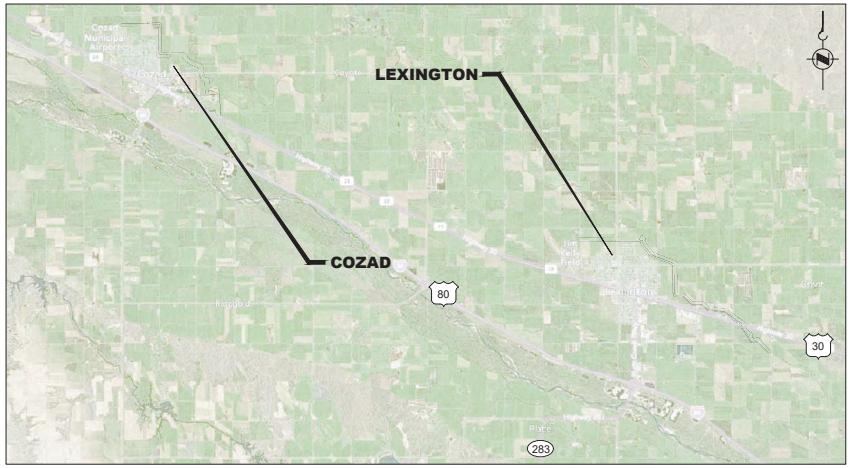
SPRING CREEK
WATERSHED PLAN - EA



STATE MAP
(NO SCALE)



LOCATION MAP
(NO SCALE)

OCTOBER, 2024

PRELIMINARY DESIGN FOR PREFERRED ALTERNATIVE
(NOT FOR CONSTRUCTION)

VERTICAL DATUM
NAVD 88

BASIS OF BEARING
NEBRASKA COORDINATE SYSTEM, NAD 83

01 – GENERAL		
1	G–001	TITLE SHEET AND PROJECT LOCATION
2	G–002	GENERAL SHEET INDEX 1
3	G–003	OVERALL PROJECT PLAN
4	G–004	KEY PLAN – COZAD
5	G–005	KEY PLAN – LEXINGTON
02 – FLOOD PROTECTION SHEETS		
CITY OF COZAD		
6	CFP–101	COZAD FLOOD PROTECTION PLAN AND PROFILE STA: 00+00 TO STA: 30+00
7	CFP–102	COZAD FLOOD PROTECTION PLAN AND PROFILE STA: 30+00 TO STA: 123+00
8	CFP–103	COZAD FLOOD PROTECTION PLAN AND PROFILE STA: 123+00 TO STA: 152+65.90
9	CFP–104	COZAD FLOOD PROTECTION PLAN AND PROFILE STA: 200+00 TO STA: 230+00
10	CFP–105	COZAD FLOOD PROTECTION PLAN AND PROFILE STA: 230+00 TO STA: 260+00
11	CFP–106	COZAD FLOOD PROTECTION PLAN AND PROFILE STA: 260+00 TO STA: 290+00
12	CFP–107	COZAD FLOOD PROTECTION PLAN AND PROFILE STA: 290+00 TO STA: 320+00
13	CFP–108	COZAD FLOOD PROTECTION PLAN AND PROFILE STA: 320+00 TO STA: 341+68.12
CITY OF LEXINGTON		
14	LFP–201	LEXINGTON FLOOD PROTECTION PLAN AND PROFILE STA: 500+00 TO STA: 530+00
15	LFP–202	LEXINGTON FLOOD PROTECTION PLAN AND PROFILE STA: 530+00 TO STA: 560+00
16	LFP–203	LEXINGTON FLOOD PROTECTION PLAN AND PROFILE STA: 560+00 TO STA: 586+15.52
17	LFP–204	LEXINGTON FLOOD PROTECTION PLAN AND PROFILE STA: 700+00 TO STA: 730+00
18	LFP–205	LEXINGTON FLOOD PROTECTION PLAN AND PROFILE STA: 730+00 TO STA: 760+00
19	LFP–206	LEXINGTON FLOOD PROTECTION PLAN AND PROFILE STA: 760+00 TO STA: 790+00
20	LFP–207	LEXINGTON FLOOD PROTECTION PLAN AND PROFILE STA: 790+00 TO STA: 820+00
21	LFP–208	LEXINGTON FLOOD PROTECTION PLAN AND PROFILE STA: 820+00 TO STA: 850+00
22	LFP–209	LEXINGTON FLOOD PROTECTION PLAN AND PROFILE STA: 850+00 TO STA: 880+00
23	LFP–210	LEXINGTON FLOOD PROTECTION PLAN AND PROFILE STA: 880+00 TO STA: 910+00
24	LFP–211	LEXINGTON FLOOD PROTECTION PLAN AND PROFILE STA: 910+00 TO STA: 940+00
25	LFP–212	LEXINGTON FLOOD PROTECTION PLAN AND PROFILE STA: 940+00 TO STA: 970+00
26	LFP–213	LEXINGTON FLOOD PROTECTION PLAN AND PROFILE STA: 970+00 TO STA: 974+28.30
Details		
27	C–001	SPRING CREEK DETAILS

ISSUE	DATE	DESCRIPTION
-	OCTOBER 2024	PRELIMINARY

PRELIMINARY DRAWINGS FOR PREFERRED ALTERNATIVE

(NOT FOR CONSTRUCTION)

SPRING CREEK WATERSHED PLAN - EA

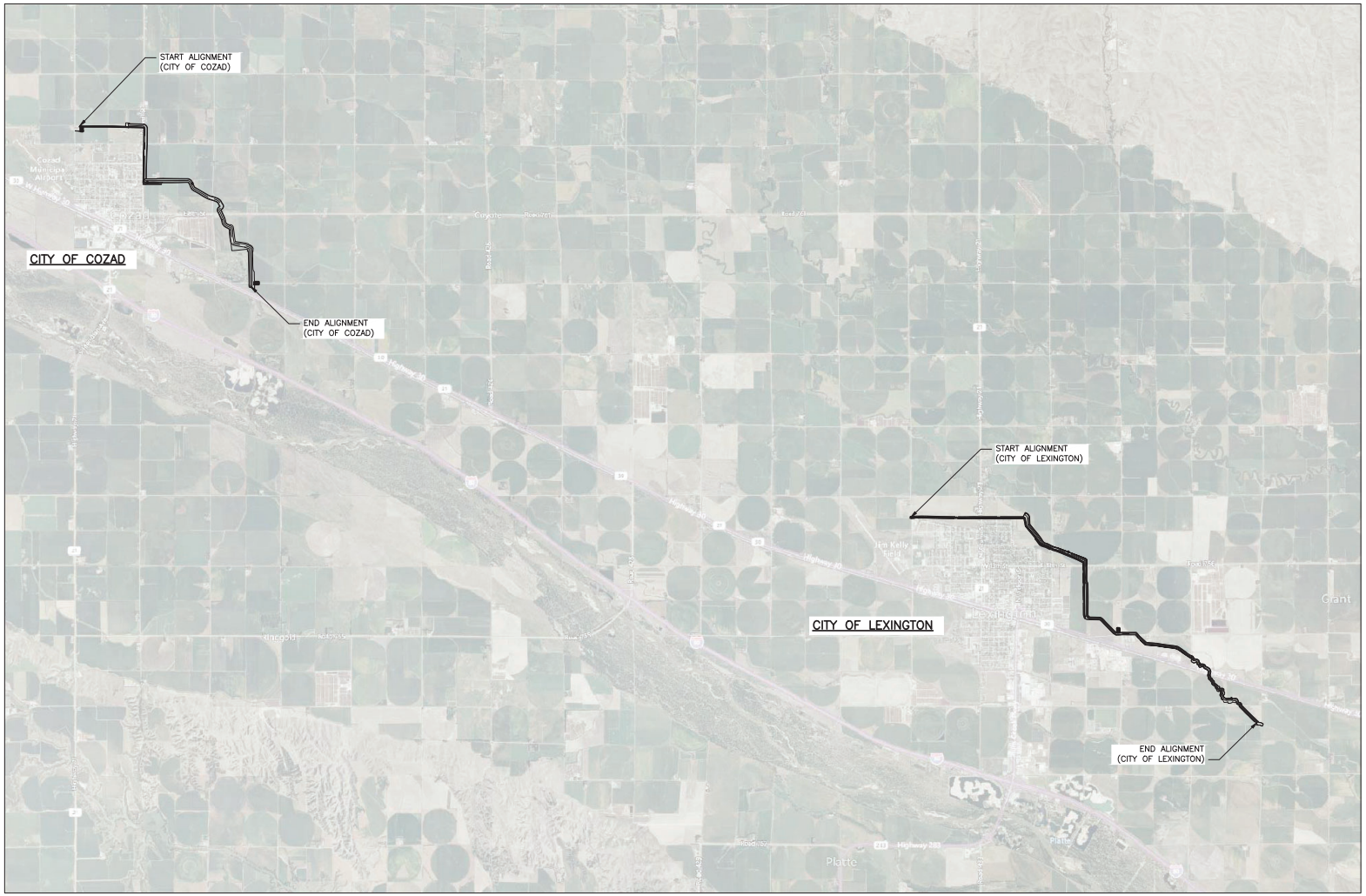
GENERAL SHEET INDEX 1

0 1" 2"

FILENAME G-002.dwg

SCALE 1"=150'H : 1"=5'V

SHEET **G-002**



ISSUE	DATE	DESCRIPTION
-	OCTOBER 2024	PRELIMINARY

PRELIMINARY DRAWINGS FOR PREFERRED ALTERNATIVE
(NOT FOR CONSTRUCTION)

SPRING CREEK WATERSHED PLAN - EA

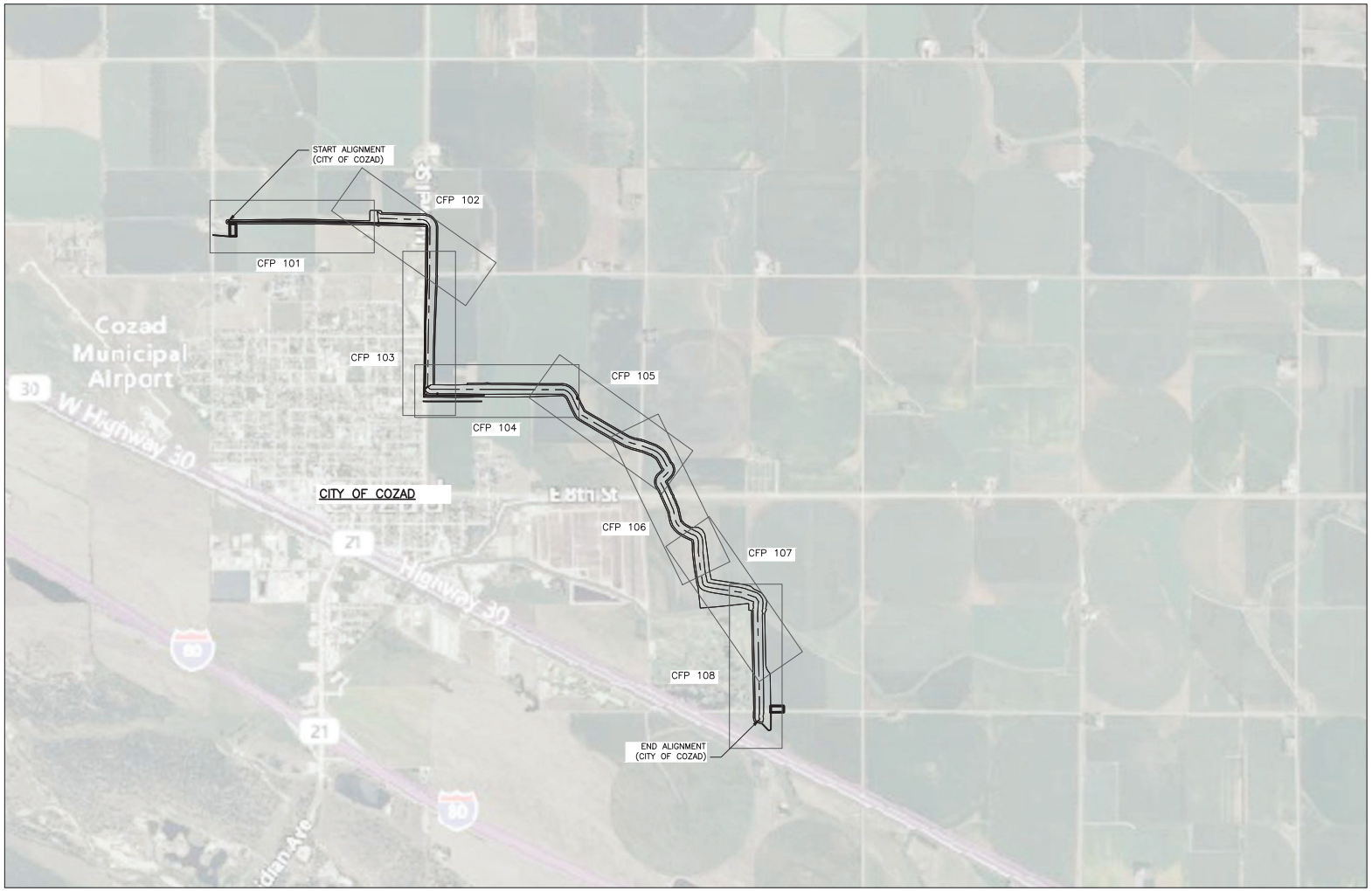
OVERALL PROJECT PLAN

0 1" 2"

FILENAME G-003.dwg
SCALE NA

SHEET
G-003

C:\Users\bbogeman\Desktop\Spring Buffalo\G-003.dwg PRINTED: 10/21/2024 5:37:31 PM BY: Bogeman, Ben



ISSUE	DATE	DESCRIPTION
-	OCTOBER 2024	PRELIMINARY

PRELIMINARY DRAWINGS FOR PREFERRED ALTERNATIVE
(NOT FOR CONSTRUCTION)

SPRING CREEK WATERSHED PLAN - EA

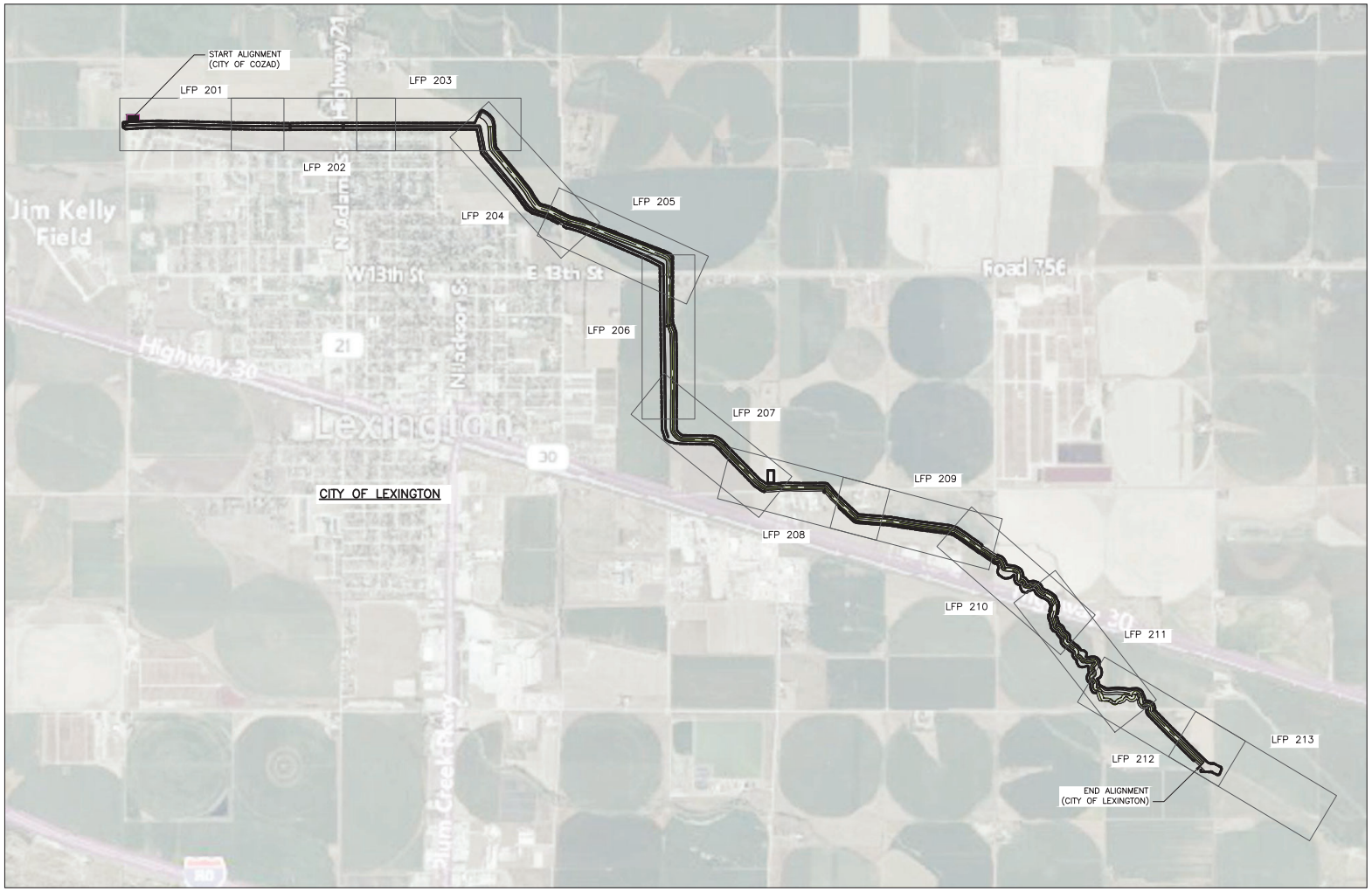
KEY PLAN - COZAD

0 1" 2"

FILENAME G-004.dwg
SCALE NA

SHEET
G-004

C:\Users\bboegeman\Desktop\Spring Buffalo\G004.dwg PRINTED: 10/21/2024 5:37:48 PM BY: Boegeman, Ben



ISSUE	DATE	DESCRIPTION
-	OCTOBER 2024	PRELIMINARY

PRELIMINARY DRAWINGS FOR PREFERRED ALTERNATIVE
(NOT FOR CONSTRUCTION)

SPRING CREEK WATERSHED PLAN - EA

KEY PLAN - LEXINGTON

0 1" 2"

FILENAME G-005.dwg
SCALE NA

SHEET
G-005

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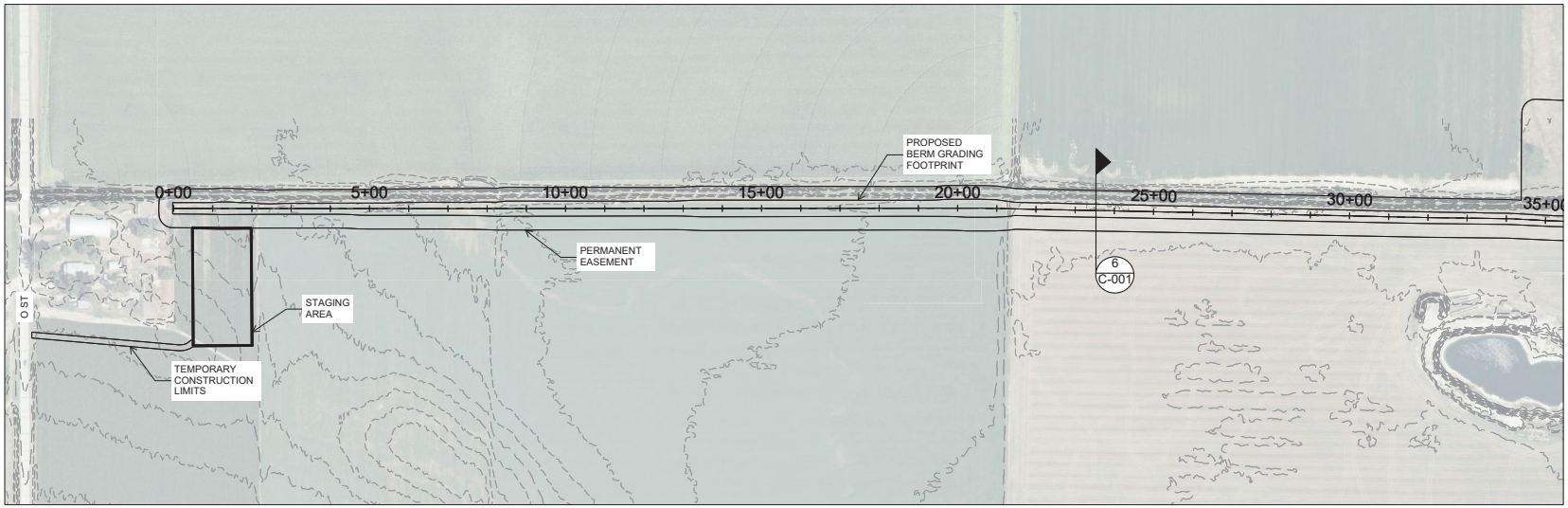
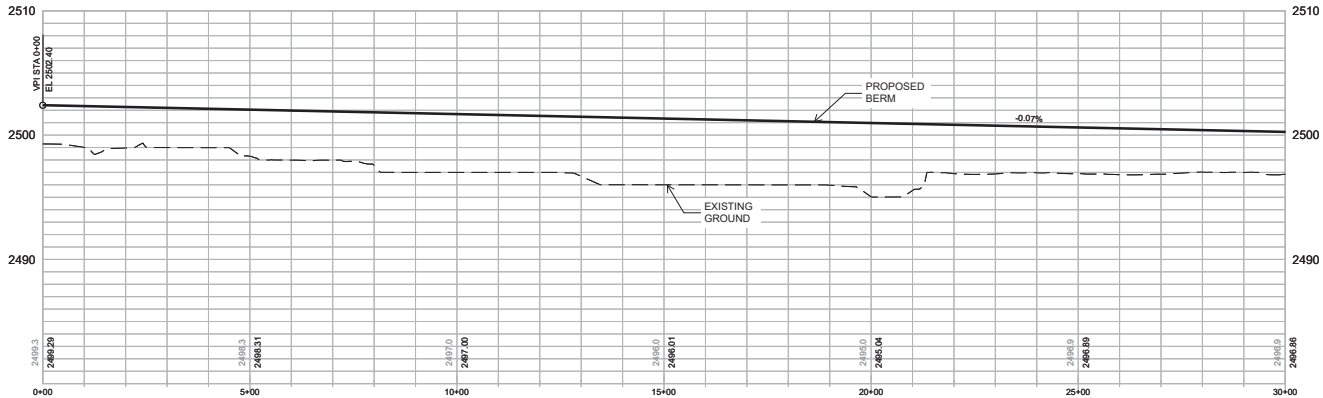


PLAN

0 75 150 300
SCALE IN FEET



PROFILE

SCALE: 1"=150' (H) – 1"=5' (V)

ISSUE	DATE	DESCRIPTION
-	OCTOBER 2024	PRELIMINARY

PRELIMINARY DRAWINGS FOR PREFERRED ALTERNATIVE
(NOT FOR CONSTRUCTION)

SPRING CREEK WATERSHED PLAN - EA

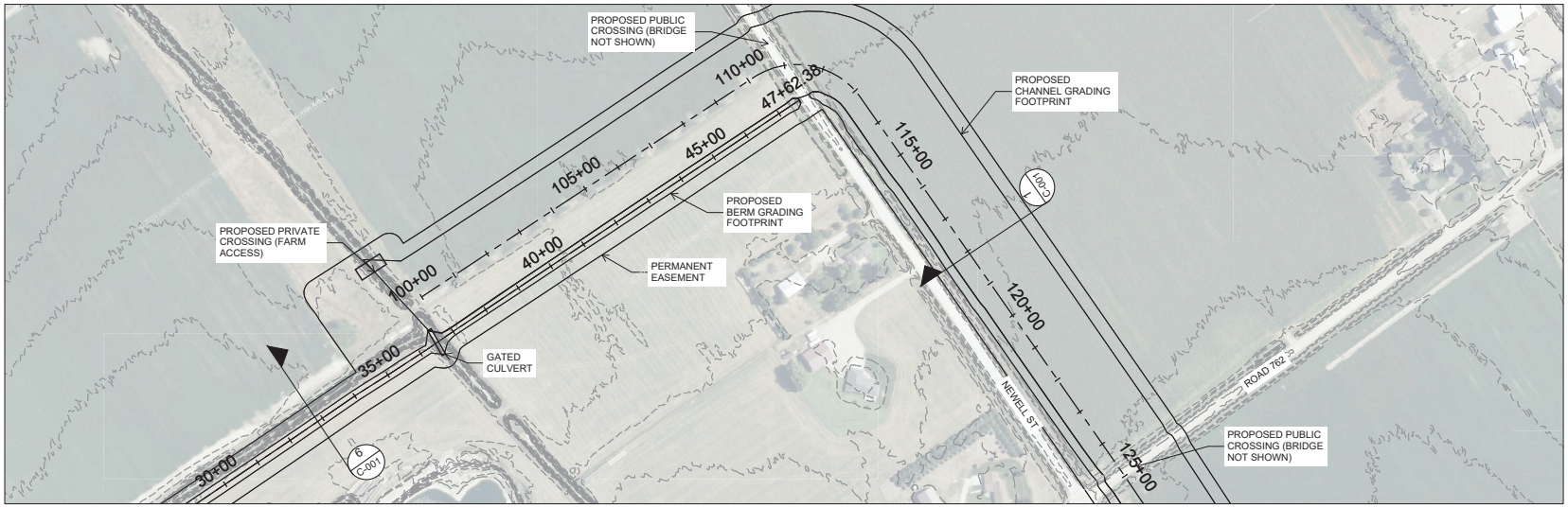
COZAD FLOOD PROTECTION PLAN AND PROFILE STA 00+00 TO STA 30+00

0 1" 2"

FILENAME: CFP 101.dwg
SCALE: 1"=150'H : 1"=5'V

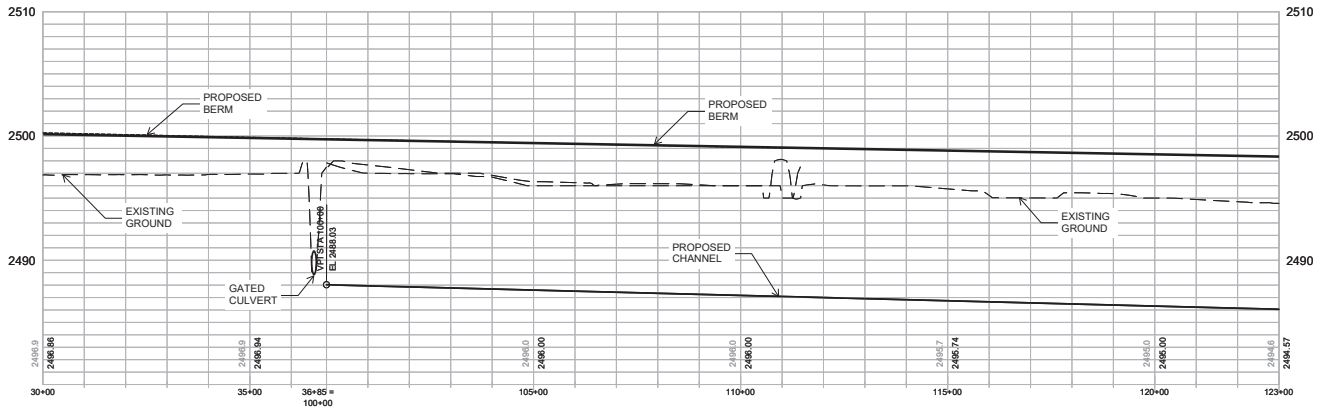
SHEET
CFP 101

C:\Users\bbogerman\Desktop\Spring Buffalo\CFP 101.dwg PRINTED: 10/21/2024 5:38:42 PM BY: Bbogerman, Ben



PLAN

0 75 150 300
SCALE IN FEET



PROFILE

SCALE: 1"=150' (H) – 1"=5' (V)

ISSUE	DATE	DESCRIPTION
-	OCTOBER 2024	PRELIMINARY

PRELIMINARY DRAWINGS FOR PREFERRED ALTERNATIVE
(NOT FOR CONSTRUCTION)

SPRING CREEK WATERSHED PLAN - EA

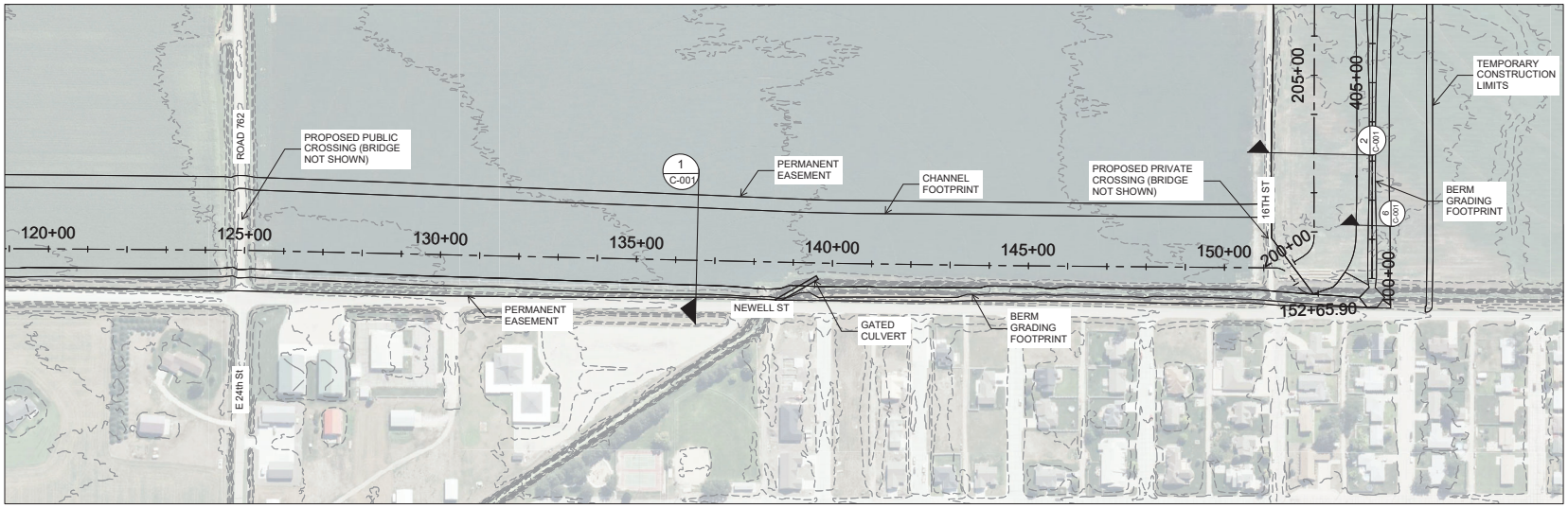
COZAD FLOOD PROTECTION PLAN AND PROFILE STA 30+00 TO STA 123+00

0 1" 2"

FILENAME: CFP 102.dwg
SCALE: 1"=150'H : 1"=5'V

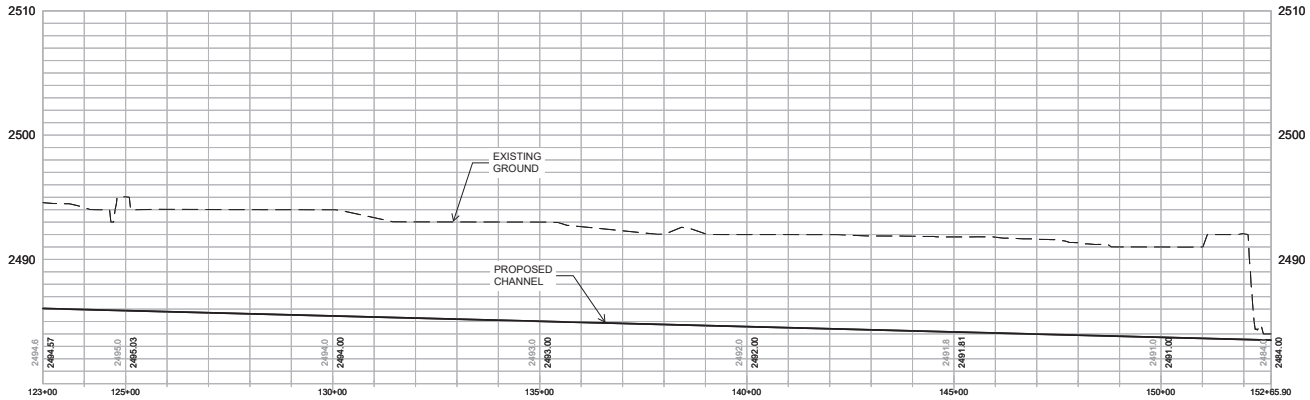
SHEET
CFP 102

C:\Users\bbogerman\Desktop\Spring Buffalo\CFP 102.dwg PRINTED: 10/21/2024 5:59:17 PM BY: Bbogerman, Ben



PLAN

0 75 150 300
SCALE IN FEET



PROFILE

SCALE: 1"=150' (H) – 1"=5' (V)

ISSUE	DATE	DESCRIPTION
-	OCTOBER 2024	PRELIMINARY

PRELIMINARY DRAWINGS FOR PREFERRED ALTERNATIVE
(NOT FOR CONSTRUCTION)

SPRING CREEK WATERSHED PLAN - EA

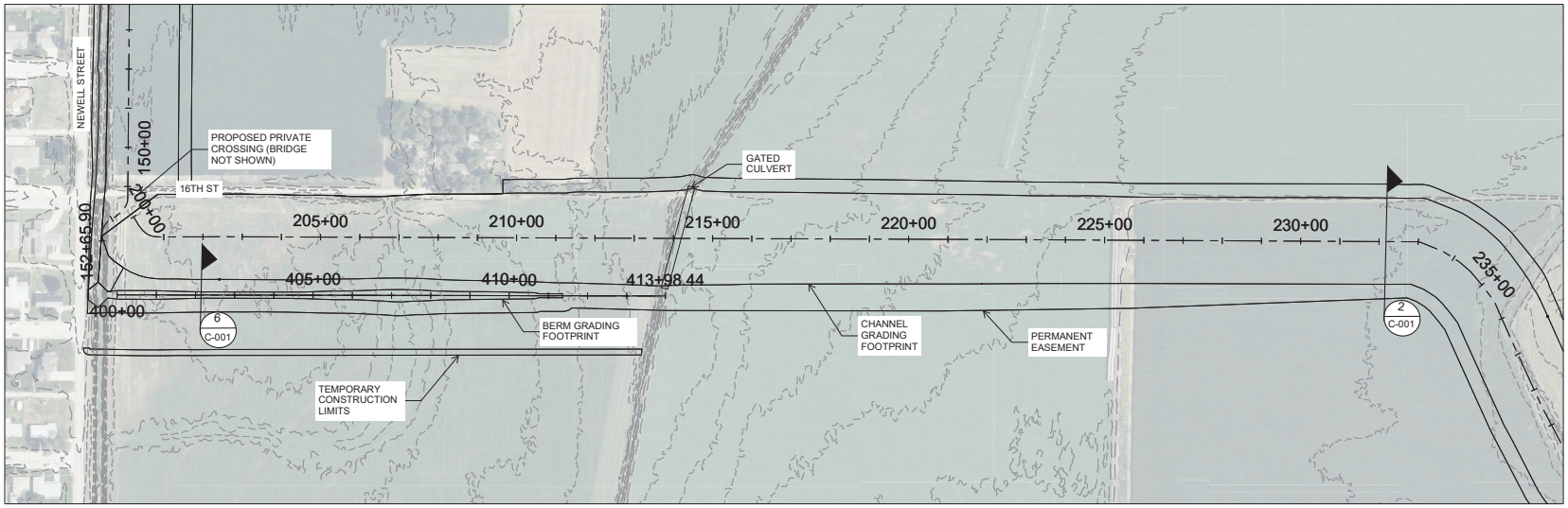
COZAD FLOOD PROTECTION PLAN AND PROFILE STA 123+00 TO STA 152+65.90

0 1" 2"

FILENAME: CFP 103.dwg
SCALE: 1"=150'H : 1"=5'V

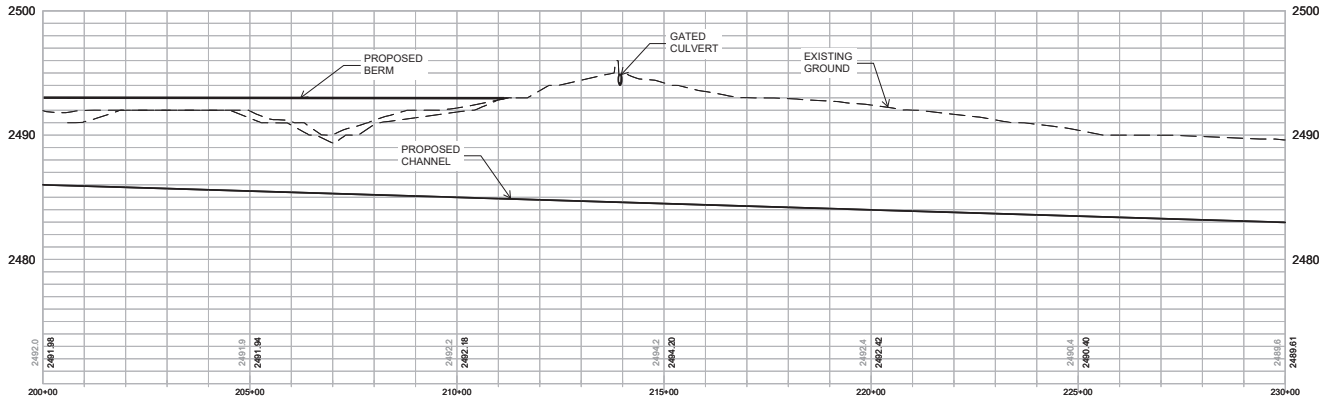
SHEET
CFP 103

C:\Users\bbogeman\Desktop\Spring Buffalo\CFP 103.dwg PRINTED: 10/21/2024 5:59:51 PM BY: Bbogeman, Ben



PLAN

0 75 150 300
SCALE IN FEET



PROFILE

SCALE: 1"=150' (H) – 1"=5' (V)

ISSUE	DATE	DESCRIPTION
-	OCTOBER 2024	PRELIMINARY

PRELIMINARY DRAWINGS FOR PREFERRED ALTERNATIVE
(NOT FOR CONSTRUCTION)

SPRING CREEK WATERSHED PLAN - EA

COZAD FLOOD PROTECTION PLAN AND PROFILE STA 200+00 TO STA 230+00

0 1" 2"

FILENAME: CFP 104.dwg
SCALE: 1"=150'H : 1"=5'V

SHEET
CFP 104

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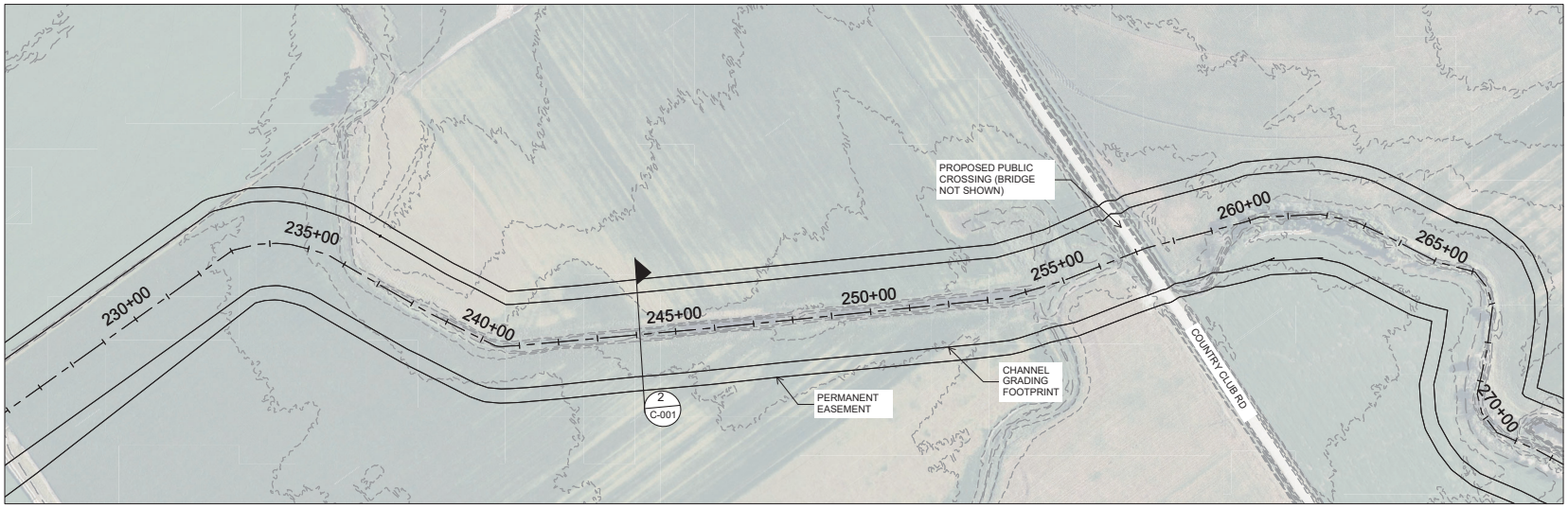
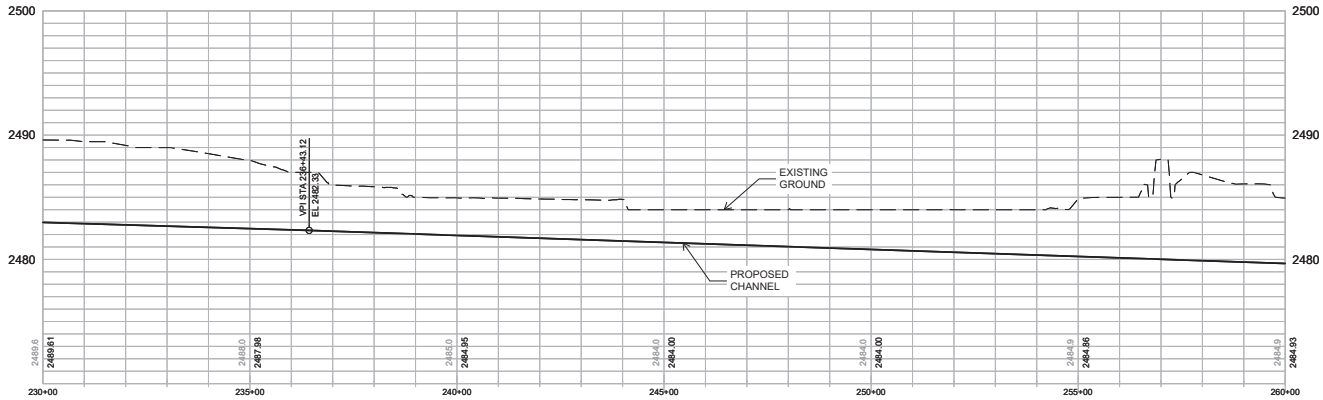


PLAN

0 75 150 300
SCALE IN FEET



PROFILE

SCALE: 1"=150' (H) – 1"=5' (V)

ISSUE	DATE	DESCRIPTION
-	OCTOBER 2024	PRELIMINARY

PRELIMINARY DRAWINGS FOR PREFERRED ALTERNATIVE
(NOT FOR CONSTRUCTION)

SPRING CREEK WATERSHED PLAN - EA

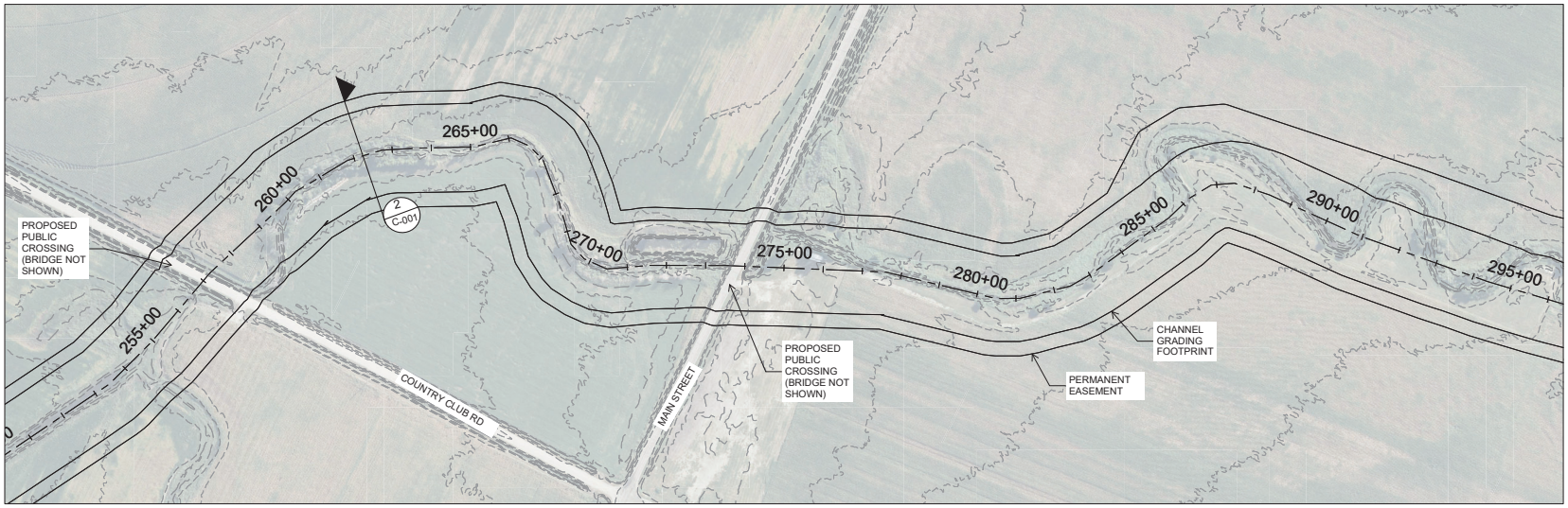
COZAD FLOOD PROTECTION PLAN AND PROFILE STA 230+00 TO STA 260+00

0 1" 2"

FILENAME: CFP 105.dwg
SCALE: 1"=150'H : 1"=5'V

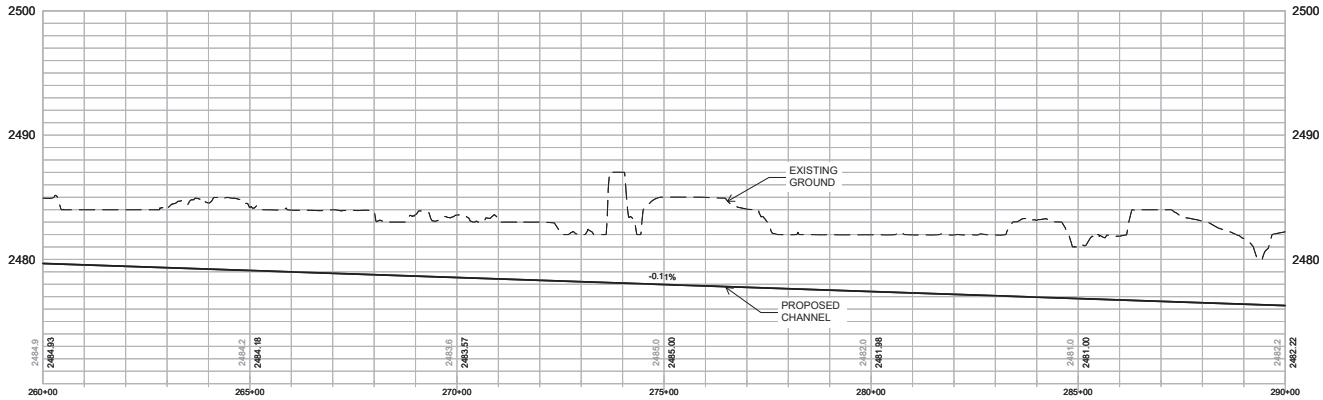
SHEET
CFP 105

C:\Users\bbogeman\Desktop\Spring Buffalo\CFP 105.dwg PRINTED: 10/21/2024 5:41:02 PM BY: Bbogeman, Ben



PLAN

0 75 150 300
SCALE IN FEET



PROFILE

SCALE: 1"=150' (H) – 1"=5' (V)

ISSUE	DATE	DESCRIPTION
-	OCTOBER 2024	PRELIMINARY

PRELIMINARY DRAWINGS FOR PREFERRED ALTERNATIVE
(NOT FOR CONSTRUCTION)

SPRING CREEK WATERSHED PLAN - EA

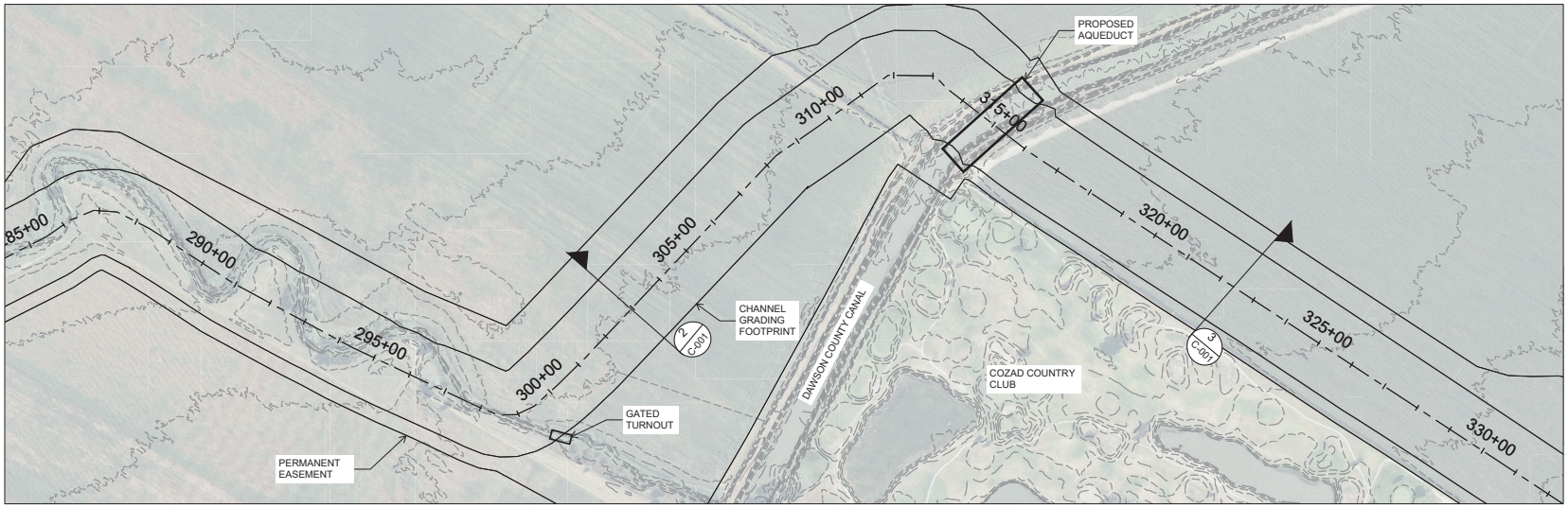
COZAD FLOOD PROTECTION PLAN AND PROFILE STA 260+00 TO STA 290+00

0 1" 2"

FILENAME: CFP 106.dwg
SCALE: 1"=150'H : 1"=5'V

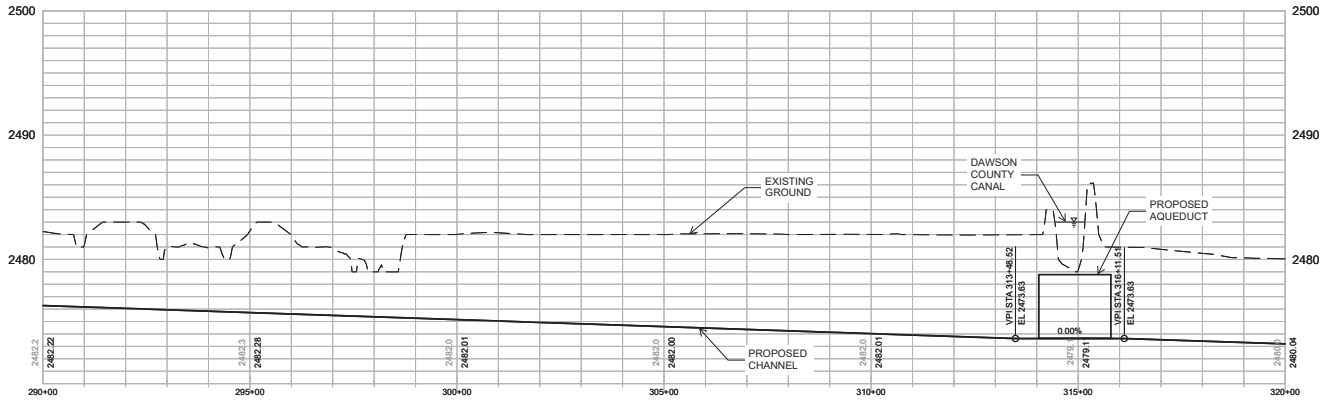
SHEET
CFP 106

C:\Users\bbogeman\Desktop\Spring Buffalo\CFP 106.dwg PRINTED: 10/21/2024 5:41:38 PM BY: Bbogeman, Ben



PLAN

0 75 150 300
SCALE IN FEET



PROFILE

SCALE: 1"=150' (H) – 1"=5' (V)

C:\Users\bbogerman\Desktop\Spring Buffalo\CFP 107.dwg PRINTED: 10/21/2024 5:42:15 PM BY: Bbogerman, Ben

ISSUE	DATE	DESCRIPTION
-	OCTOBER 2024	PRELIMINARY

PRELIMINARY DRAWINGS FOR PREFERRED ALTERNATIVE
(NOT FOR CONSTRUCTION)

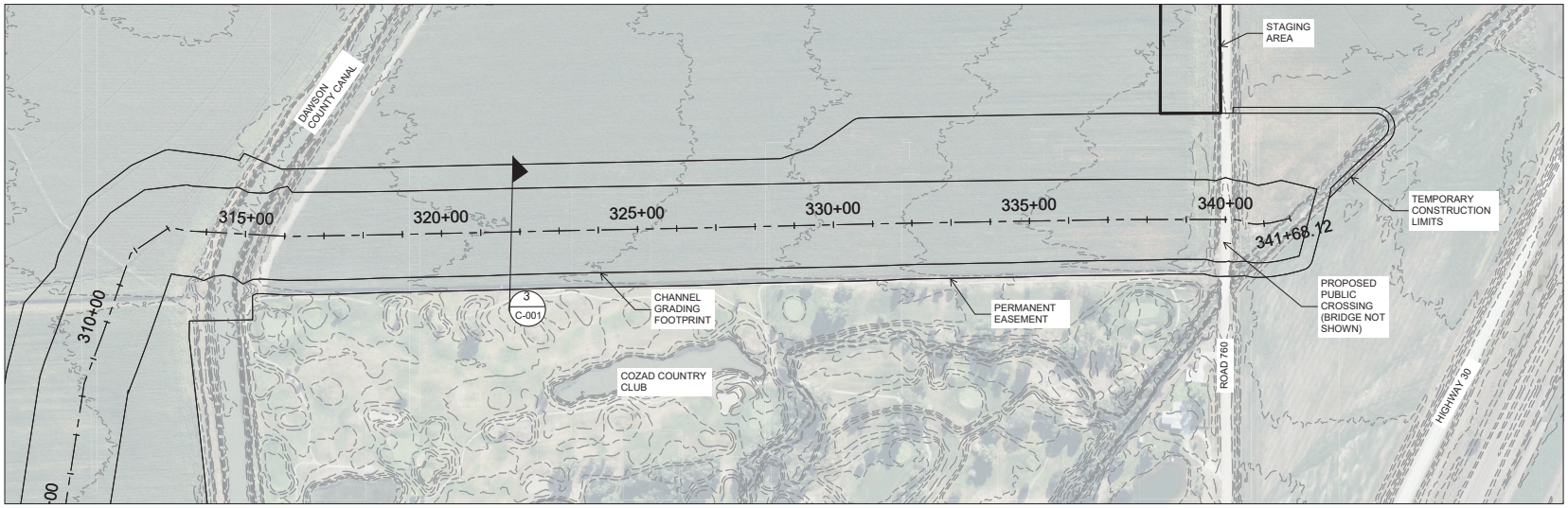
SPRING CREEK WATERSHED PLAN - EA

COZAD FLOOD PROTECTION
PLAN AND PROFILE
STA 290+00 TO STA 320+00

0 1" 2"

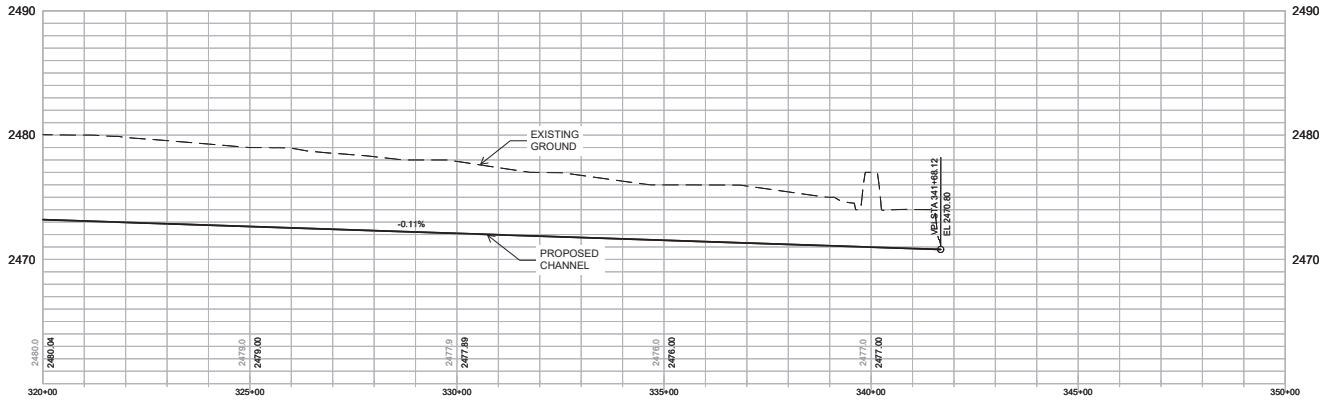
FILENAME: CFP 107.dwg
SCALE: 1"=150'H : 1"=5'V

SHEET
CFP 107



PLAN

0 75 150 300
SCALE IN FEET



PROFILE

SCALE: 1"=150' (H) – 1"=5' (V)

ISSUE	DATE	DESCRIPTION
-	OCTOBER 2024	PRELIMINARY

PRELIMINARY DRAWINGS FOR PREFERRED ALTERNATIVE

(NOT FOR CONSTRUCTION)

SPRING CREEK WATERSHED PLAN - EA

COZAD FLOOD PROTECTION PLAN AND PROFILE STA 320+00 TO STA 341+68.12

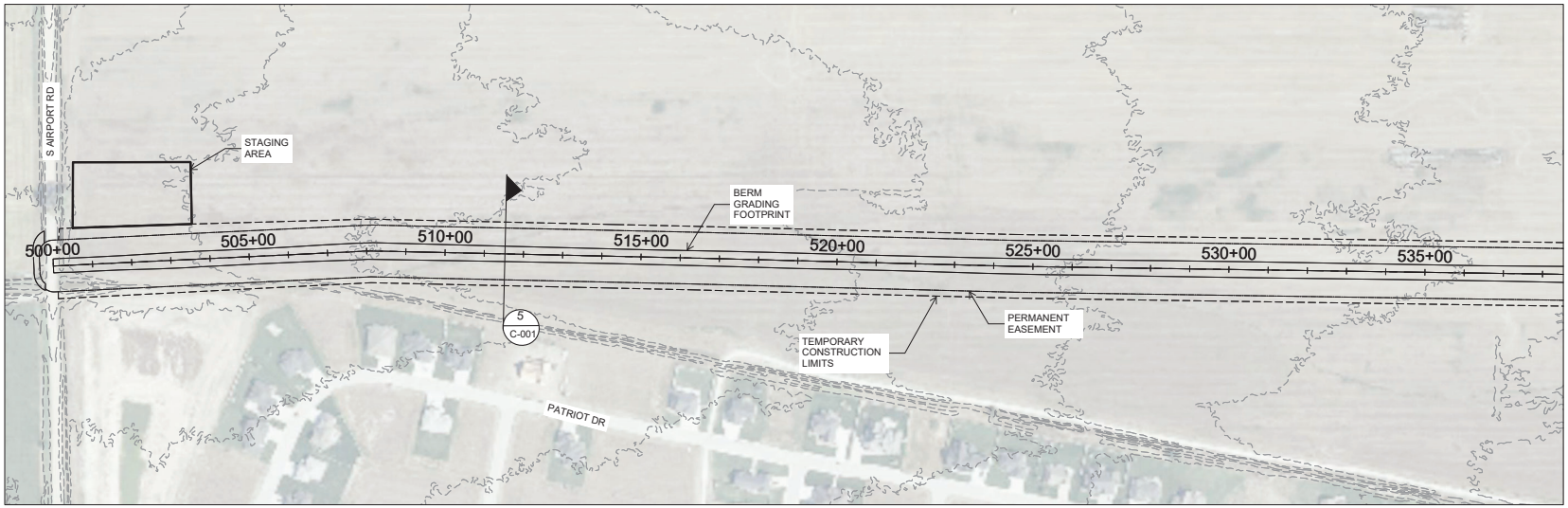
0 1" 2"

FILENAME: CFP 108.dwg

SCALE: 1"=150'H : 1"=5'V

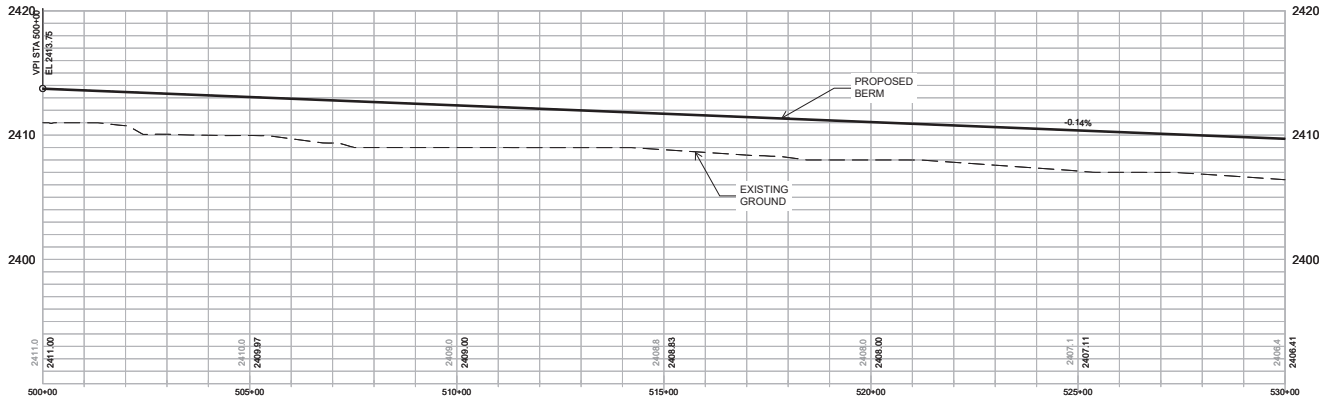
SHEET: **CFP 108**

C:\Users\bbogerman\Desktop\Spring Buffalo\CFP 108.dwg PRINTED: 10/21/2024 5:42:49 PM BY: Bogerman, Ben



PLAN

0 75 150 300
SCALE IN FEET



PROFILE

SCALE: 1"=150' (H) – 1"=5' (V)

ISSUE	DATE	DESCRIPTION
-	OCTOBER 2024	PRELIMINARY

PRELIMINARY DRAWINGS FOR PREFERRED ALTERNATIVE

(NOT FOR CONSTRUCTION)

SPRING CREEK WATERSHED PLAN - EA

LEXINGTON FLOOD PROTECTION PLAN AND PROFILE STA 500+00 TO STA 530+00

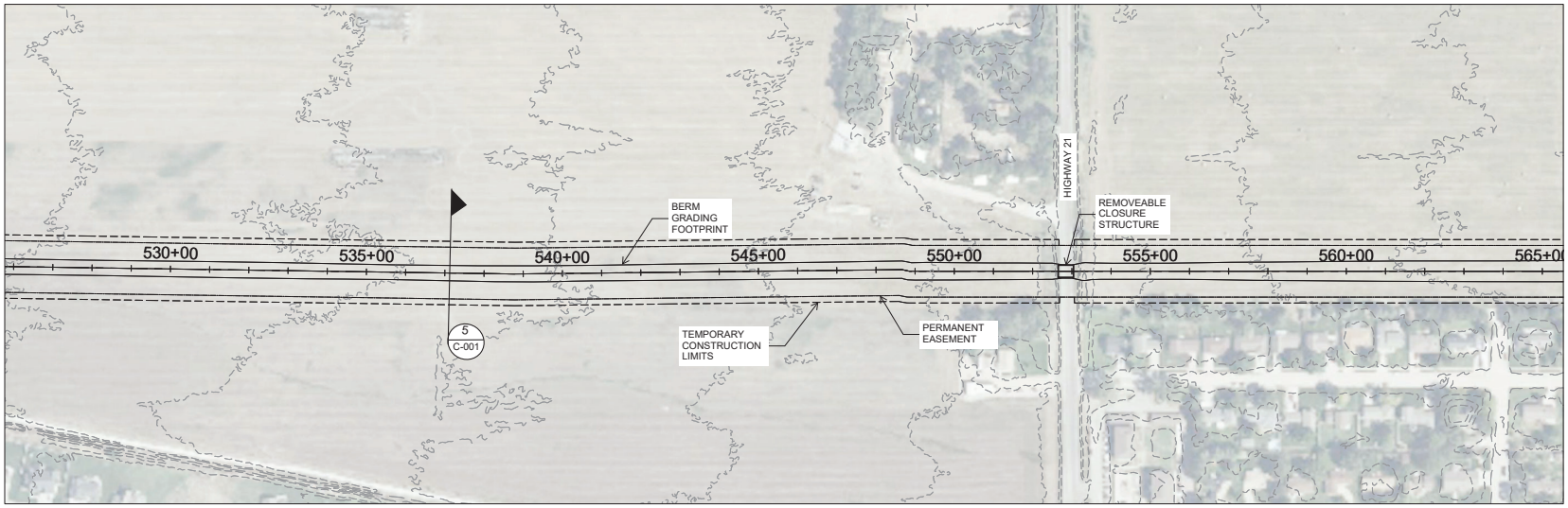
0 1" 2"

FILENAME: LFP 201.dwg

SCALE: 1"=150'H : 1"=5'V

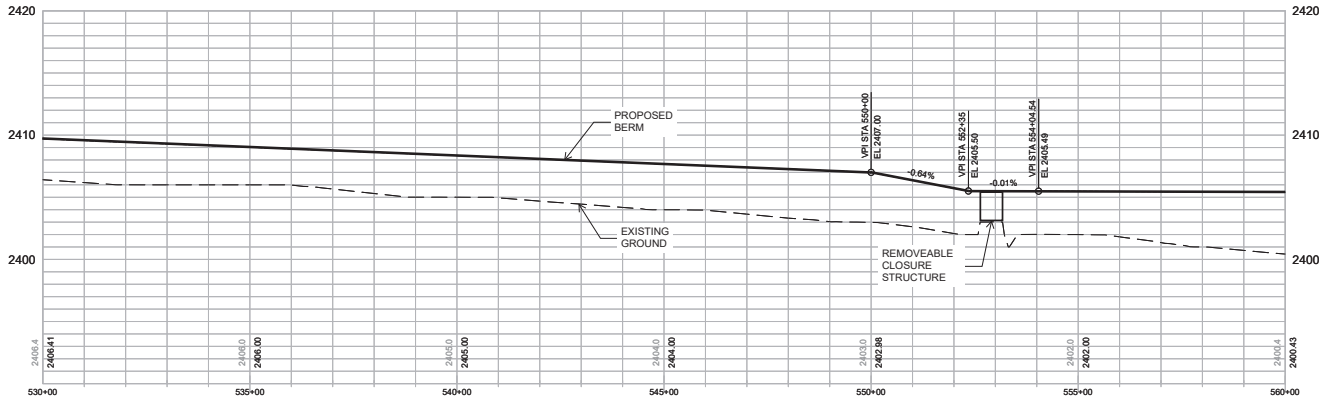
SHEET: **LFP 201**

C:\Users\bbogeman\Desktop\Spring Buffalo\LFP 201.dwg PRINTED: 10/31/2024 5:43:23 PM BY: Bogeman, Ben



PLAN

0 75 150 300
SCALE IN FEET



PROFILE

SCALE: 1"=150' (H) – 1"=5' (V)

ISSUE	DATE	DESCRIPTION
-	OCTOBER 2024	PRELIMINARY

PRELIMINARY DRAWINGS FOR PREFERRED ALTERNATIVE

(NOT FOR CONSTRUCTION)

SPRING CREEK WATERSHED PLAN - EA

LEXINGTON FLOOD PROTECTION PLAN AND PLOTTED STA 530+00 TO STA 560+00

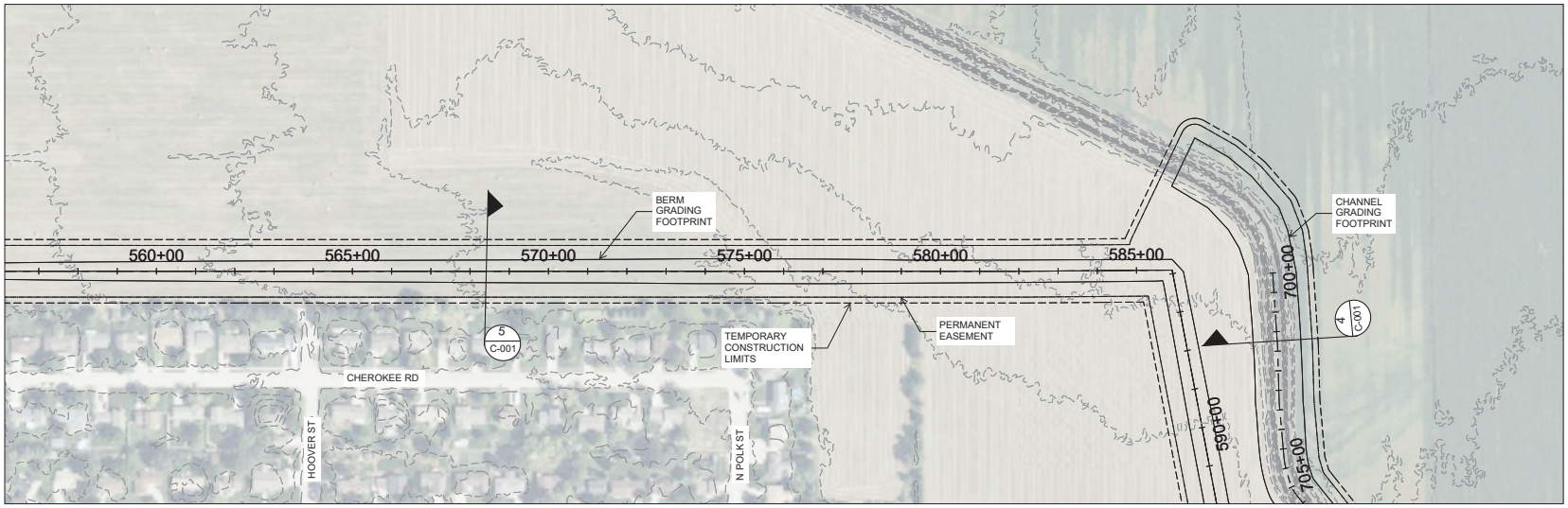
0 1" 2"

FILENAME: LFP 202.dwg

SCALE: 1"=150'H : 1"=5'V

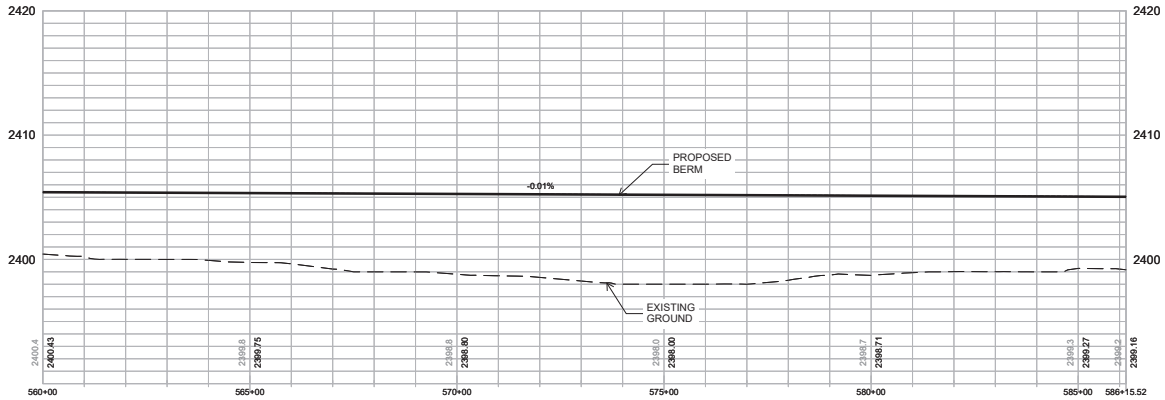
SHEET: **LFP 202**

C:\Users\bbogeman\Desktop\Spring Buffalo\LFP 202.dwg PRINTED: 10/31/2024 5:43:57 PM BY: Bogeman, Ben



PLAN

0 75 150 300
SCALE IN FEET



PROFILE

SCALE: 1"=150' (H) –
1"=5' (V)

ISSUE	DATE	DESCRIPTION
-	OCTOBER 2024	PRELIMINARY

PRELIMINARY DRAWINGS FOR PREFERRED ALTERNATIVE
(NOT FOR CONSTRUCTION)

SPRING CREEK WATERSHED PLAN - EA

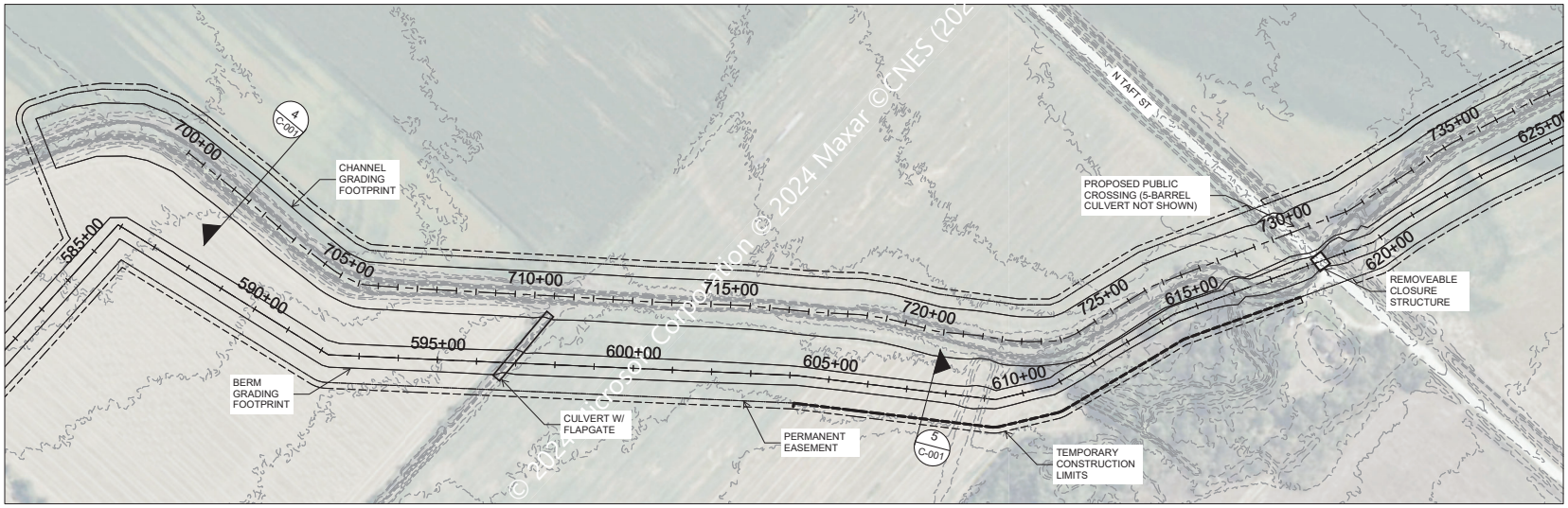
LEXINGTON FLOOD PROTECTION PLAN AND PROFILE STA 560+00 TO STA 586+15.52

0 1" 2"

FILENAME: LFP 203.dwg
SCALE: 1"=150'H : 1"=5'V

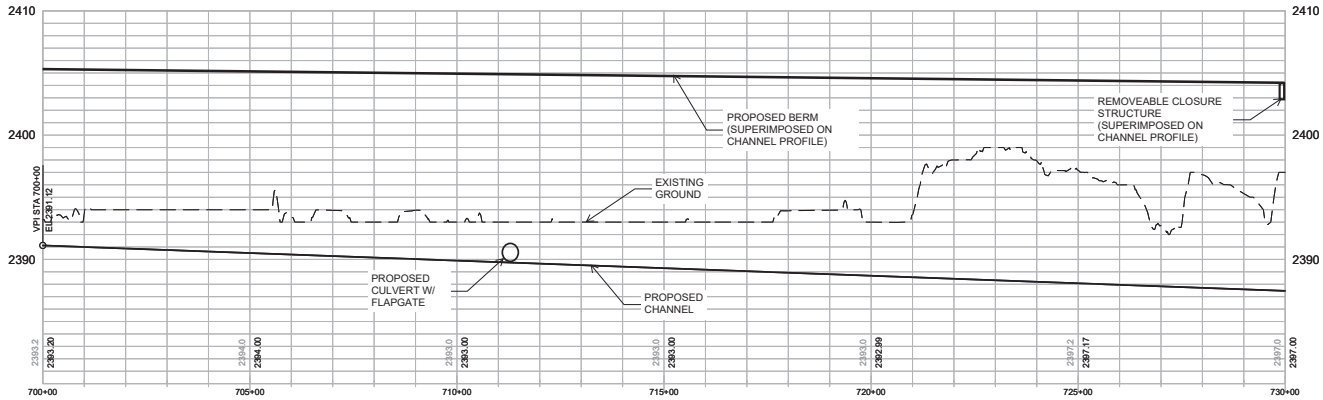
SHEET
LFP 203

C:\Users\bbogeman\Desktop\Spring Buffalo\LFP 203.dwg PRINTED: 10/31/2024 5:44:30 PM BY: Bogeman, Ben



PLAN

0 75 150 300
SCALE IN FEET



PROFILE

SCALE: 1"=150' (H) – 1"=5' (V)

ISSUE	DATE	DESCRIPTION
-	OCTOBER 2024	PRELIMINARY

PRELIMINARY DRAWINGS FOR PREFERRED ALTERNATIVE
(NOT FOR CONSTRUCTION)

SPRING CREEK WATERSHED PLAN - EA

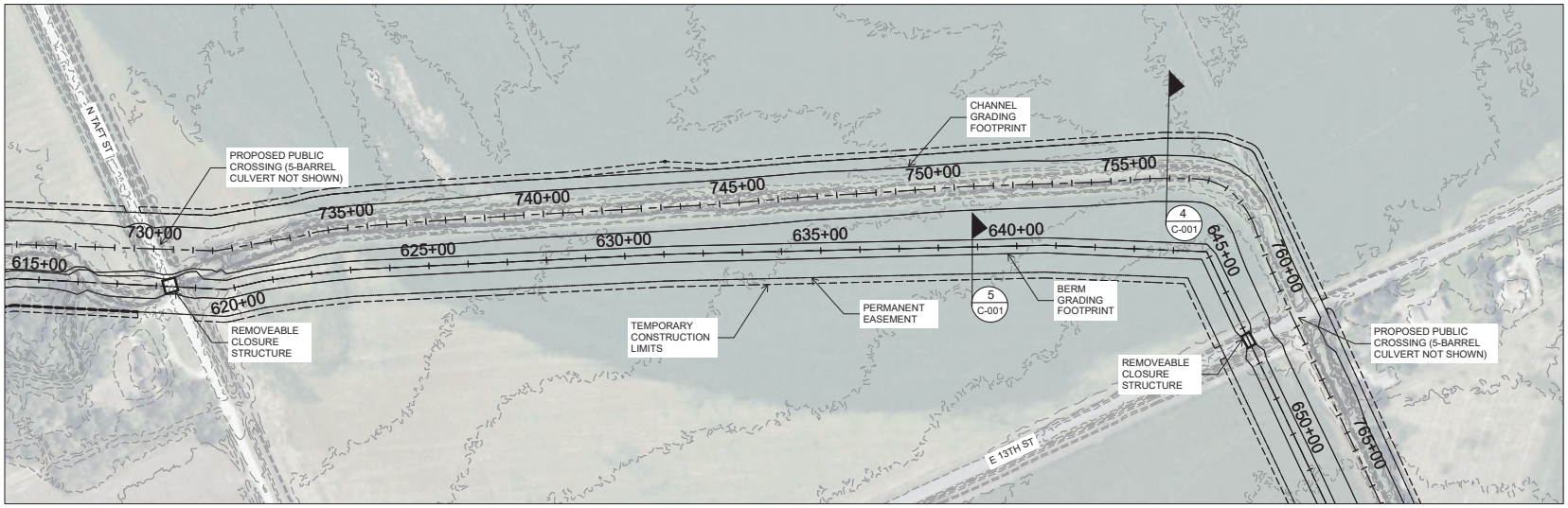
LEXINGTON FLOOD PROTECTION PLAN AND PROFILE STA 700+00 TO STA 730+00

0 1" 2"

FILENAME: LFP 204.dwg
SCALE: 1"=150'H : 1"=5'V

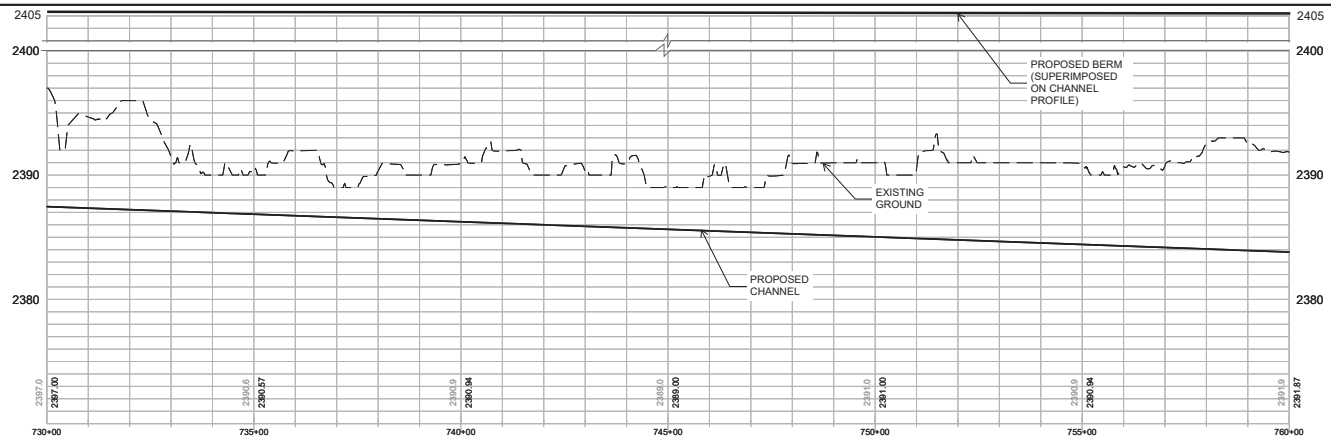
SHEET
LFP 204

C:\Users\bbogeman\Desktop\Spring Buffalo\LFP 204.dwg PRINTED: 10/31/2024 5:45:08 PM BY: Bogeman, Ben



PLAN

0 75 150 300
SCALE IN FEET



PROFILE

SCALE: 1"=150' (H) – 1"=5' (V)

ISSUE	DATE	DESCRIPTION
-	OCTOBER 2024	PRELIMINARY

PRELIMINARY DRAWINGS FOR PREFERRED ALTERNATIVE
(NOT FOR CONSTRUCTION)

SPRING CREEK WATERSHED PLAN - EA

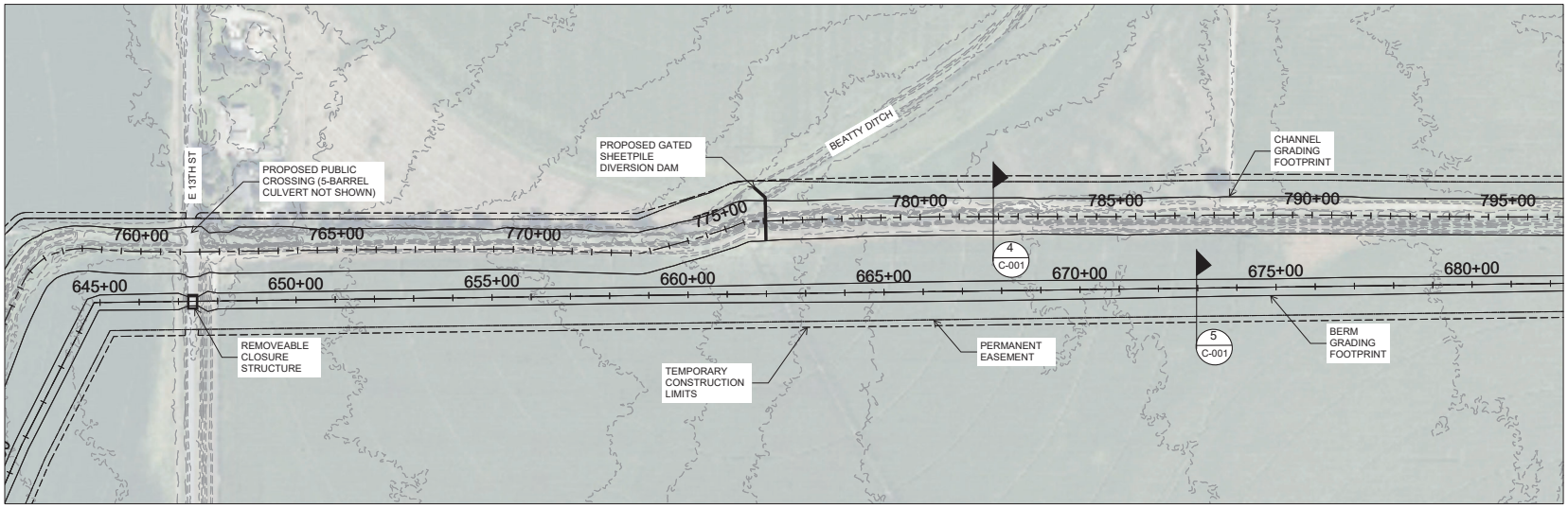
LEXINGTON FLOOD PROTECTION PLAN AND PROFILE STA 730+00 TO STA 760+00

0 1" 2"

FILENAME: LFP 205.dwg
SCALE: 1"=150'H : 1"=5'V

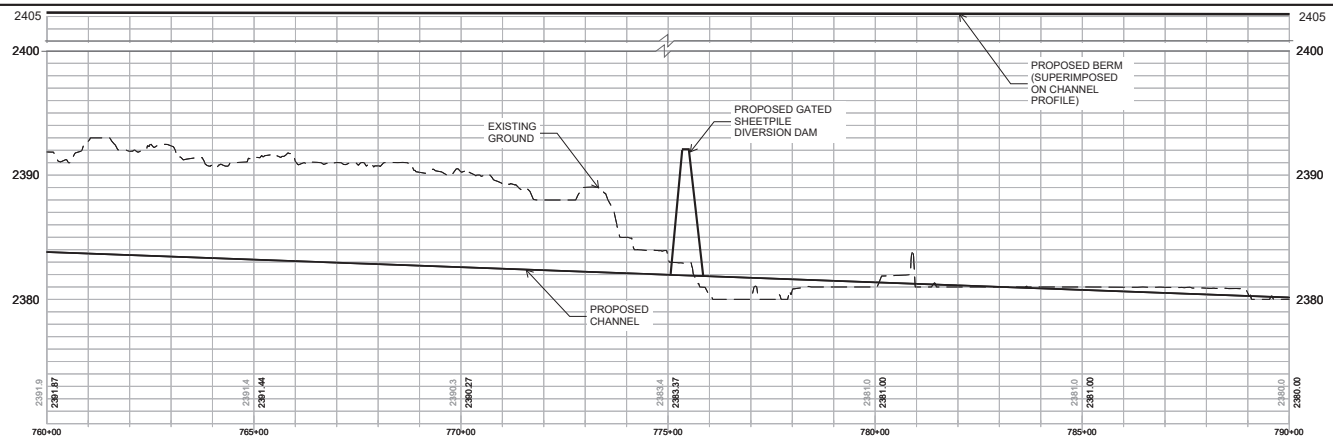
SHEET
LFP 205

C:\Users\bbogeman\Desktop\Spring Buffalo\LFP 205.dwg PRINTED: 10/31/2024 5:45:44 PM BY: Bogeman, Ben



PLAN

0 75 150 300
SCALE IN FEET



PROFILE

SCALE: 1"=150' (H) – 1"=5' (V)

ISSUE	DATE	DESCRIPTION
-	OCTOBER 2024	PRELIMINARY

PRELIMINARY DRAWINGS FOR PREFERRED ALTERNATIVE
(NOT FOR CONSTRUCTION)

SPRING CREEK WATERSHED PLAN - EA

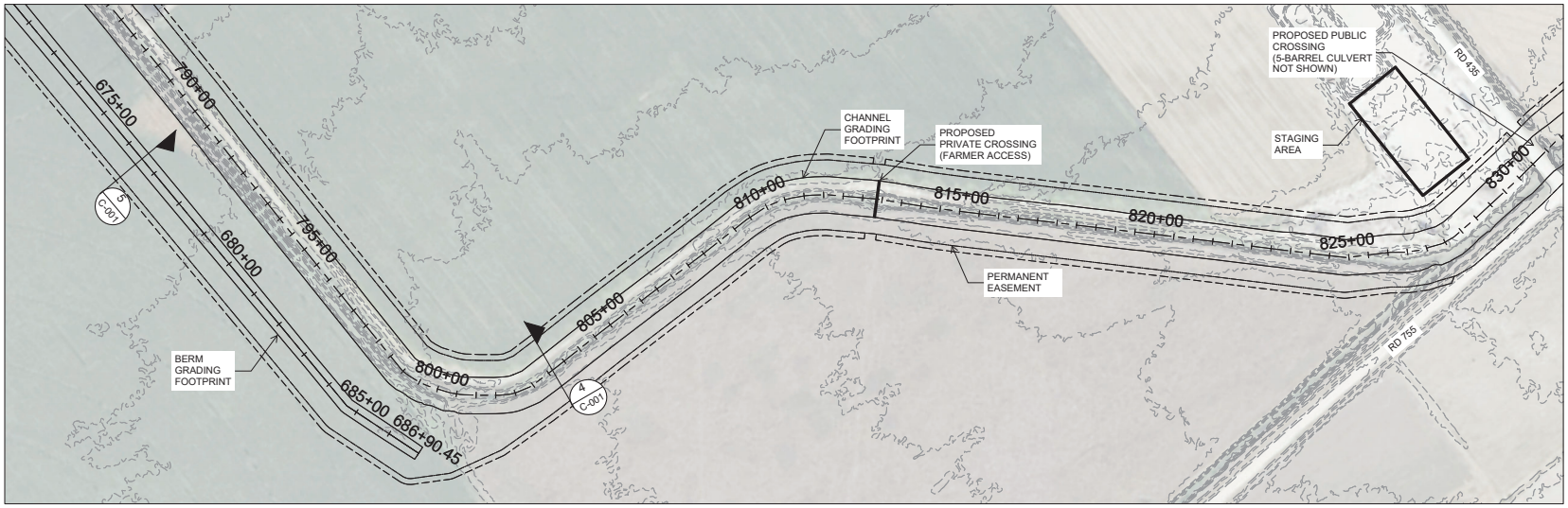
LEXINGTON FLOOD PROTECTION PLAN AND PROFILE STA 760+00 TO STA 790+00

0 1" 2"

FILENAME: LFP 206.dwg
SCALE: 1"=150'H : 1"=5'V

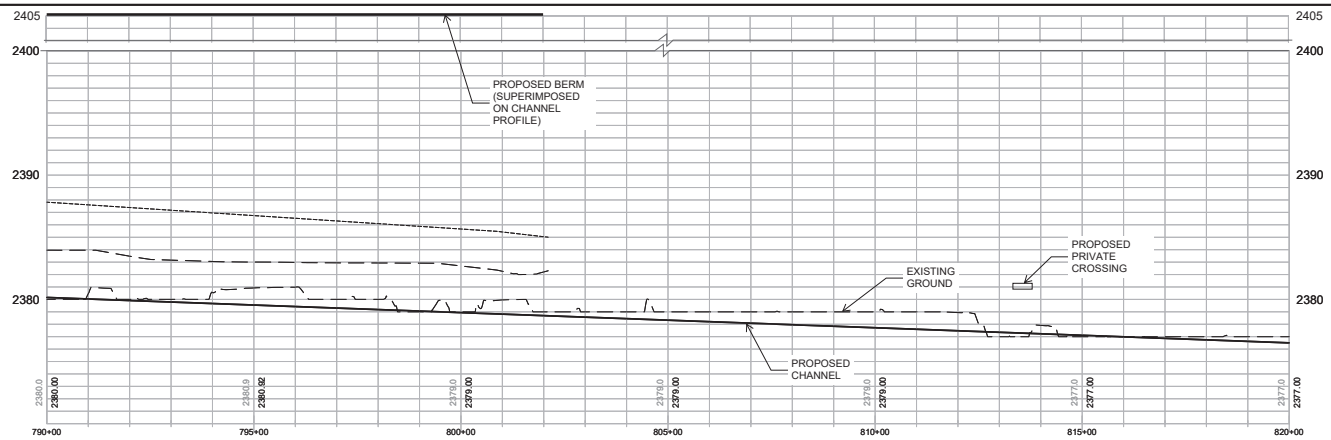
SHEET
LFP 206

C:\Users\bbogeman\Desktop\Spring Buffalo\LFP 206.dwg PRINTED: 10/31/2024 5:46:19 PM, BY: Bogeman, Ben



PLAN

0 75 150 300
SCALE IN FEET



PROFILE

SCALE: 1"=150' (H) – 1"=5' (V)

C:\Users\bbogeman\Desktop\Spring Buffalo\LFP 207.dwg PRINTED: 10/31/2024 5:46:53 PM BY: Bogeman, Ben

ISSUE	DATE	DESCRIPTION
-	OCTOBER 2024	PRELIMINARY

PRELIMINARY DRAWINGS FOR PREFERRED ALTERNATIVE

(NOT FOR CONSTRUCTION)

SPRING CREEK WATERSHED PLAN - EA

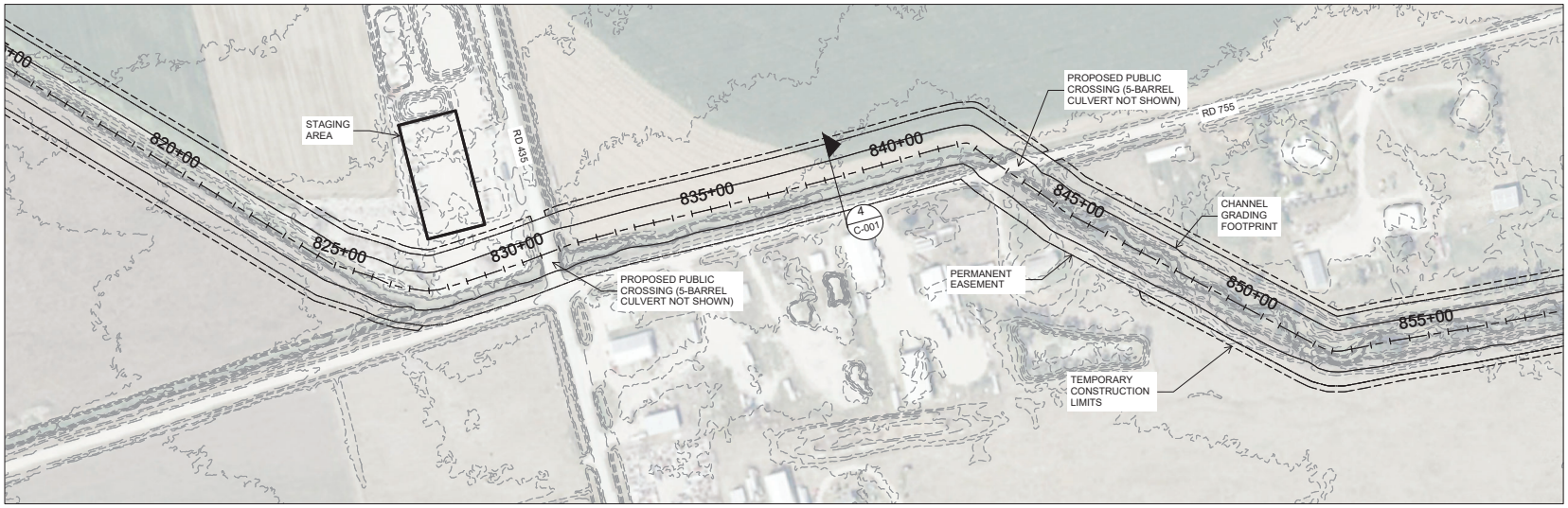
LEXINGTON FLOOD PROTECTION PLAN AND PROFILE STA 790+00 TO STA 820+00

0 1" 2"

FILENAME: LFP 207.dwg

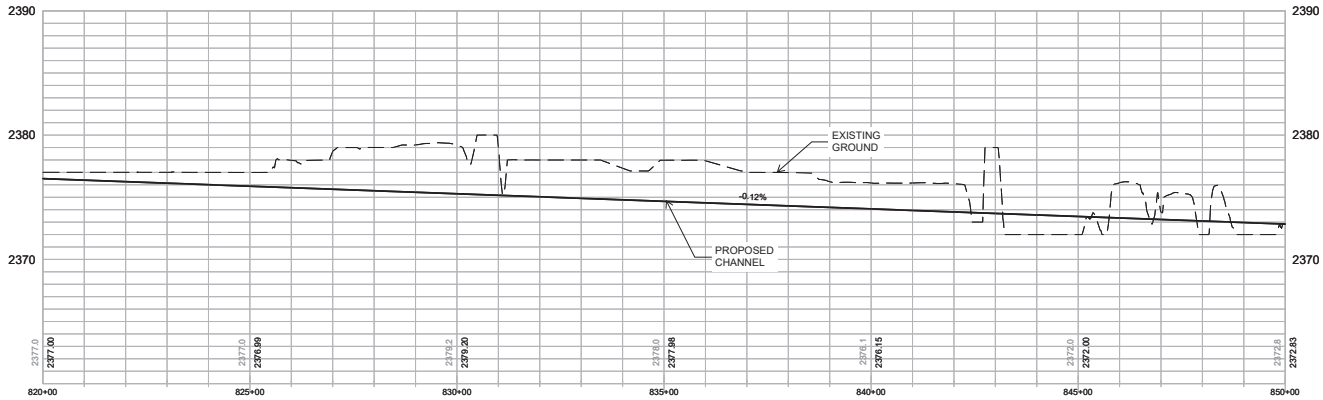
SCALE: 1"=150'H : 1"=5'V

SHEET: **LFP 207**



PLAN

0 75 150 300
SCALE IN FEET



PROFILE

SCALE: 1"=150' (H) – 1"=5' (V)

ISSUE	DATE	DESCRIPTION
-	OCTOBER 2024	PRELIMINARY

PRELIMINARY DRAWINGS FOR PREFERRED ALTERNATIVE
(NOT FOR CONSTRUCTION)

SPRING CREEK WATERSHED PLAN - EA

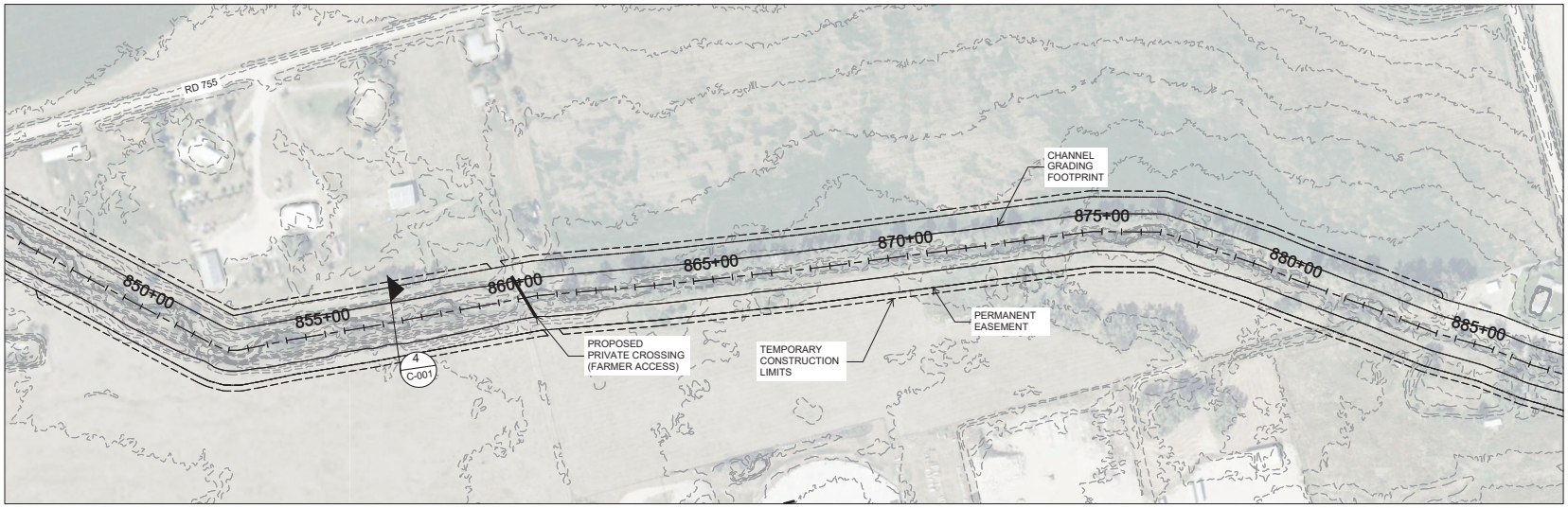
LEXINGTON FLOOD PROTECTION PLAN AND PROFILE STA 820+00 TO STA 850+00

0 1" 2"

FILENAME: LFP 208.dwg
SCALE: 1"=150'H : 1"=5'V

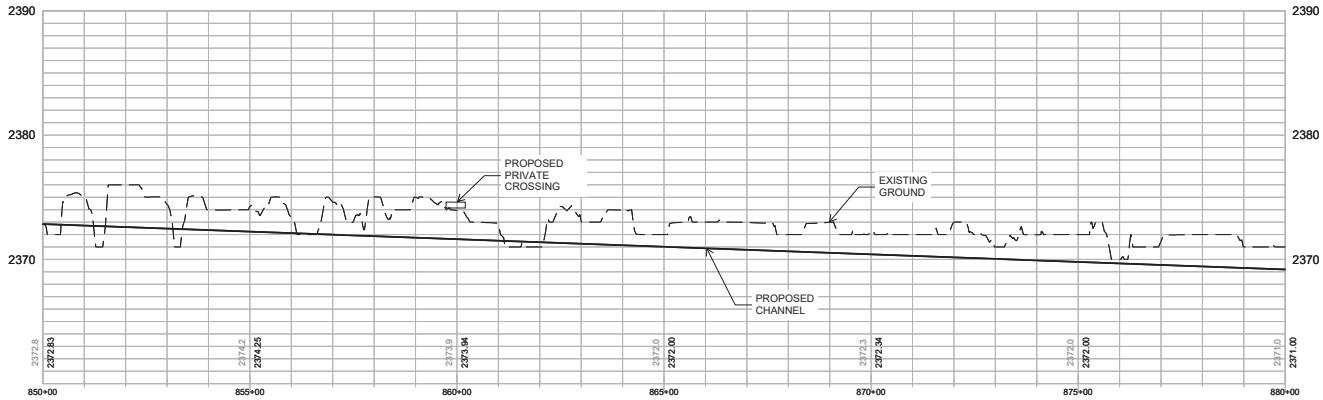
SHEET
LFP 208

C:\Users\bbogeman\Desktop\Spring Buffalo\LFP 208.dwg PRINTED: 10/31/2024 5:47:28 PM BY: Bogeman, Ben



PLAN

0 75 150 300
SCALE IN FEET



PROFILE

SCALE: 1"=150' (H) – 1"=5' (V)

ISSUE	DATE	DESCRIPTION
-	OCTOBER 2024	PRELIMINARY

PRELIMINARY DRAWINGS FOR PREFERRED ALTERNATIVE
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SPRING CREEK WATERSHED PLAN - EA

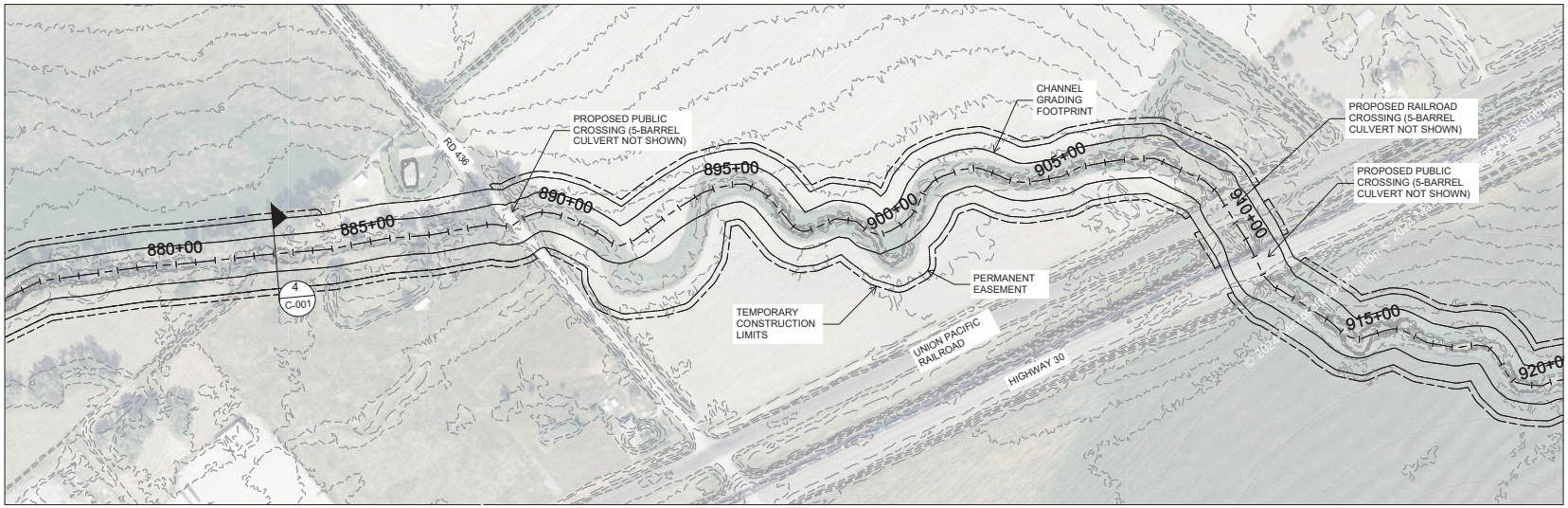
LEXINGTON FLOOD PROTECTION PLAN AND PROFILE STA 850+00 TO STA 880+00

0 1" 2"

FILENAME: LFP 209.dwg
SCALE: 1"=150'H : 1"=5'V

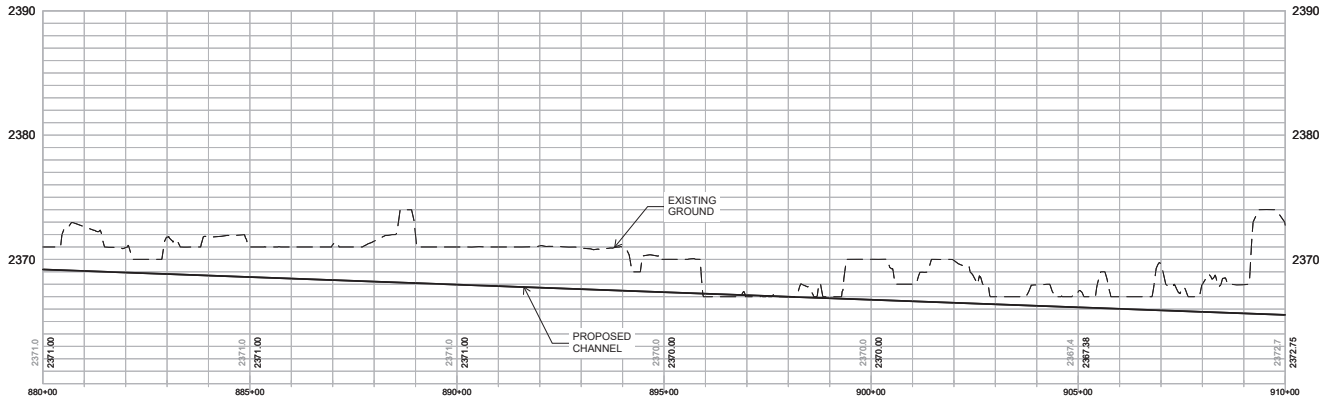
SHEET
LFP 209

C:\Users\bbogeman\Desktop\Spring Buffalo\LFP 209.dwg PRINTED: 10/31/2024 5:48:03 PM BY: Bogeman, Ben



PLAN

0 75 150 300
SCALE IN FEET



PROFILE

SCALE: 1"=150' (H) – 1"=5' (V)

ISSUE	DATE	DESCRIPTION
-	OCTOBER 2024	PRELIMINARY

PRELIMINARY DRAWINGS FOR PREFERRED ALTERNATIVE
(NOT FOR CONSTRUCTION)

SPRING CREEK WATERSHED PLAN - EA

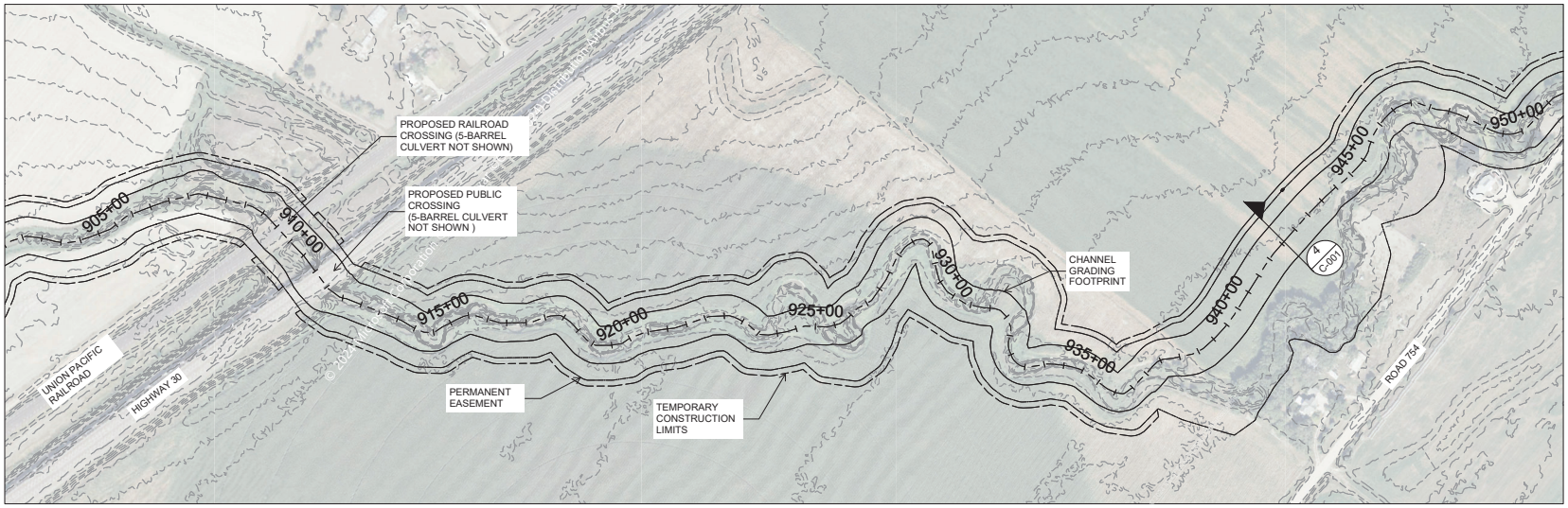
LEXINGTON FLOOD PROTECTION
PLAN AND PROFILE
STA 880+00 TO STA 910+00

0 1" 2"

FILENAME: LFP 210.dwg
SCALE: 1"=150'H : 1"=5'V

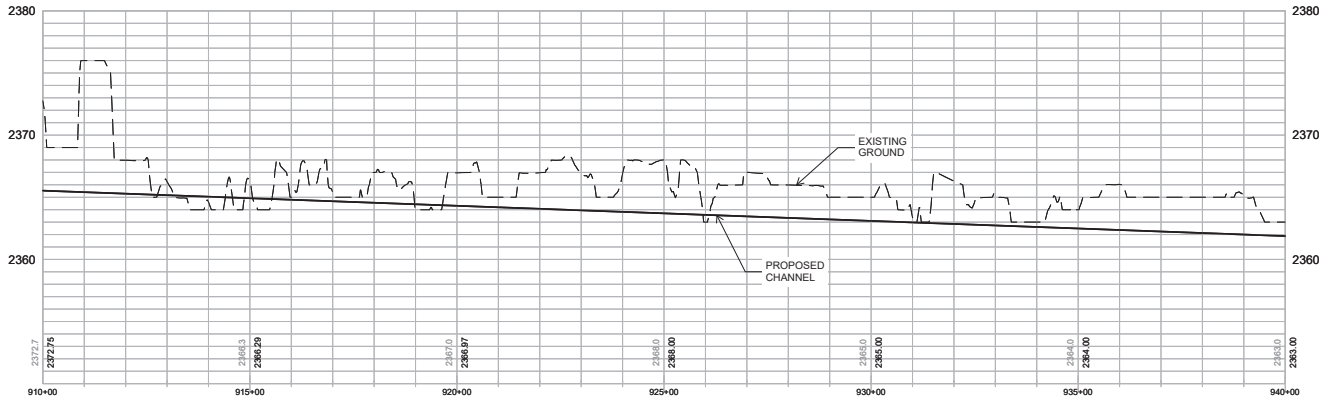
SHEET
LFP 210

C:\Users\bbogeman\Desktop\Spring Buffalo\LFP 210.dwg PRINTED: 10/31/2024 5:48:39 PM, BY: Bogeman, Ben



PLAN

0 75 150 300
SCALE IN FEET



PROFILE

SCALE: 1"=150' (H) – 1"=5' (V)

ISSUE	DATE	DESCRIPTION
-	OCTOBER 2024	PRELIMINARY

PRELIMINARY DRAWINGS FOR PREFERRED ALTERNATIVE
(NOT FOR CONSTRUCTION)

SPRING CREEK WATERSHED PLAN - EA

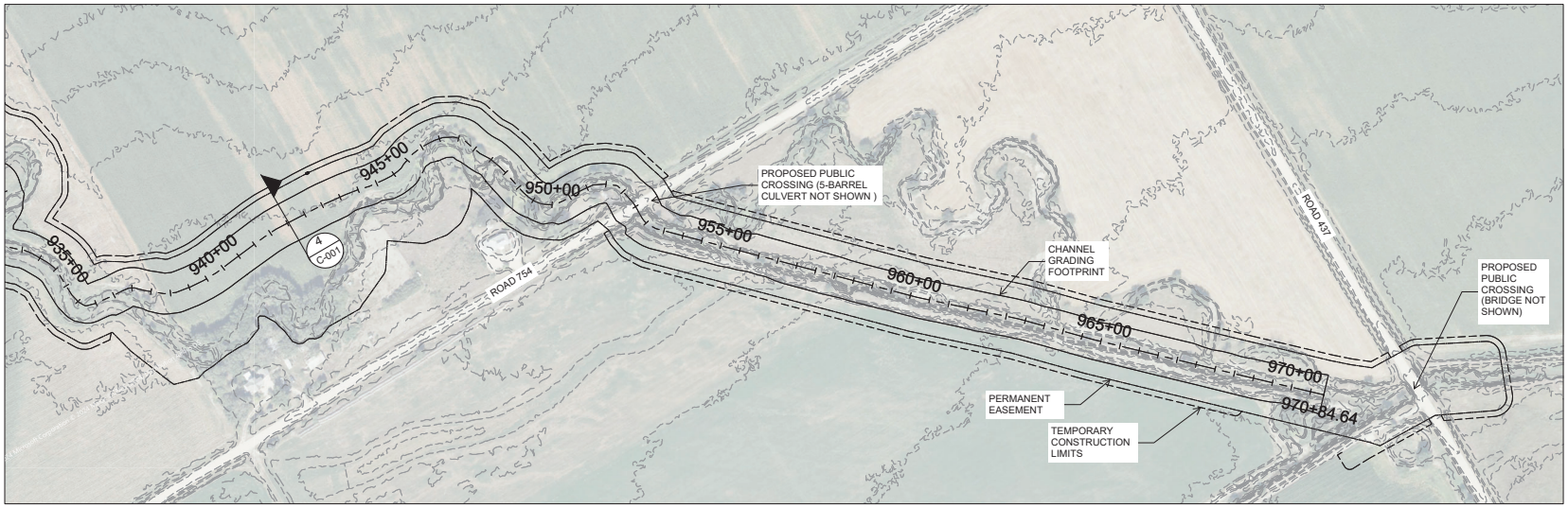
LEXINGTON FLOOD PROTECTION PLAN AND PROFILE STA 910+00 TO STA 940+00

0 1" 2"

FILENAME: LFP 211.dwg
SCALE: 1"=150'H : 1"=5'V

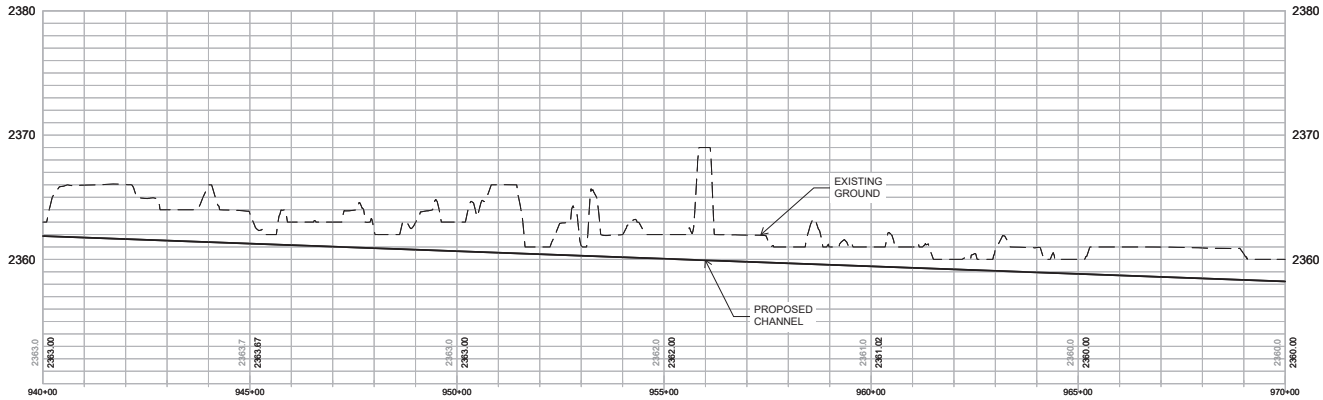
SHEET
LFP 211

C:\Users\bbogeman\Desktop\Spring Buffalo\LFP 211.dwg PRINTED: 10/31/2024 5:49:17 PM BY: Bogeman, Ben



PLAN

0 75 150 300
SCALE IN FEET



PROFILE

SCALE: 1"=150' (H) – 1"=5' (V)

ISSUE	DATE	DESCRIPTION
-	OCTOBER 2024	PRELIMINARY

PRELIMINARY DRAWINGS FOR PREFERRED ALTERNATIVE
(NOT FOR CONSTRUCTION)

SPRING CREEK WATERSHED PLAN - EA

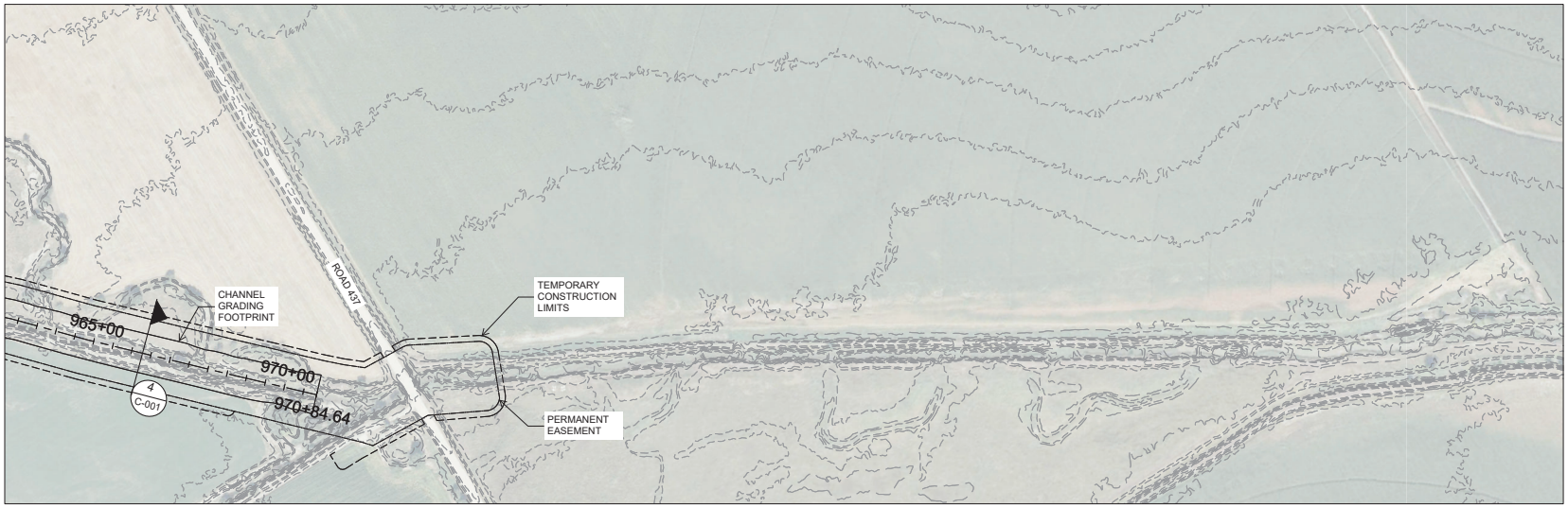
LEXINGTON FLOOD PROTECTION PLAN AND PLOTE STA 940+00 TO STA 970+00

0 1" 2"

FILENAME: LFP 212.dwg
SCALE: 1"=150'H : 1"=5'V

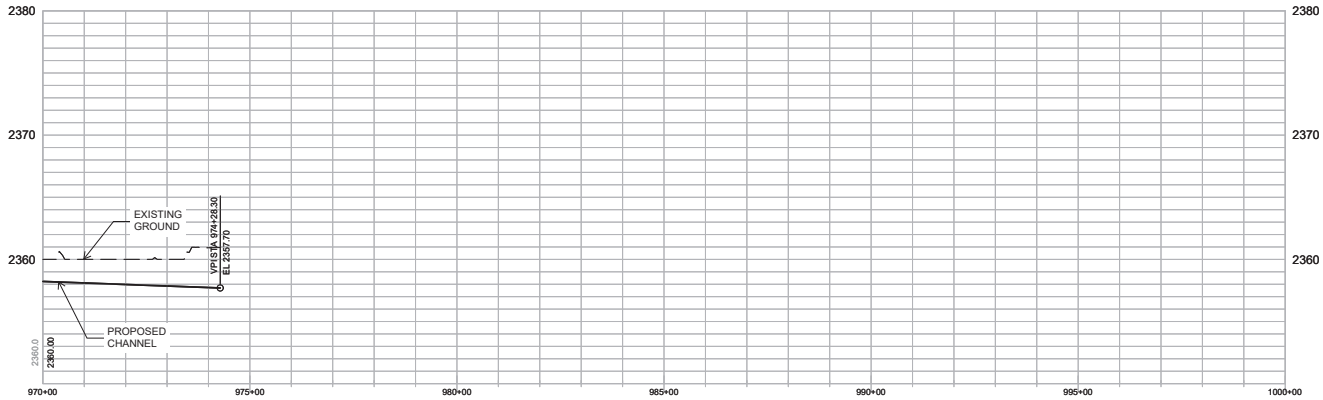
SHEET
LFP 212

C:\Users\bbogeman\Desktop\Spring Buffalo\LFP 212.dwg PRINTED: 10/31/2024 5:49:58 PM BY: Bogeman, Ben



PLAN

0 75 150 300
SCALE IN FEET



PROFILE

SCALE: 1"=150' (H) – 1"=5' (V)

ISSUE	DATE	DESCRIPTION
-	OCTOBER 2024	PRELIMINARY

PRELIMINARY DRAWINGS FOR PREFERRED ALTERNATIVE
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SPRING CREEK WATERSHED PLAN - EA

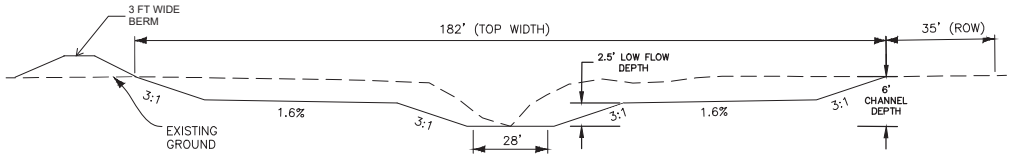
LEXINGTON FLOOD PROTECTION
PLAN AND PROFILE
STA 970+00 TO STA 974+28.30

0 1" 2"

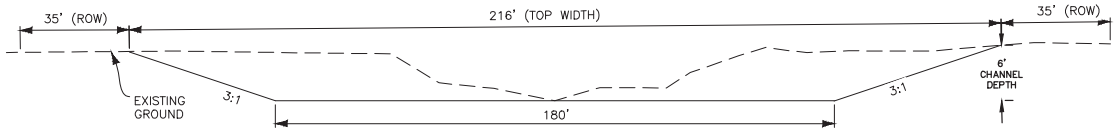
FILENAME LFP 213.dwg
SCALE 1"=150'H : 1"=5'V

SHEET
LFP 213

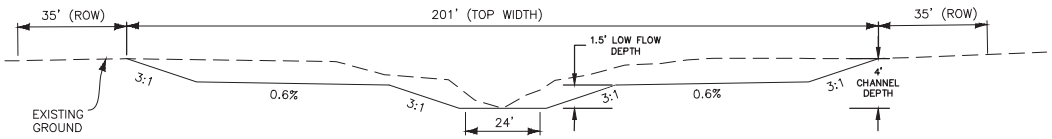
C:\Users\bbogeman\Desktop\Spring Buffalo\LFP 213.dwg PRINTED: 10/31/2024 5:50:38 PM BY: Bogeman, Ben



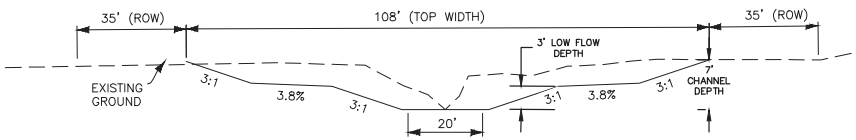
1 COZAD SECTION 1 CONVEYANCE IMPROVEMENT
N.T.S



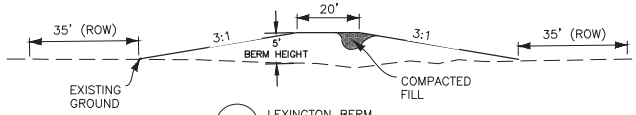
2 COZAD SECTION 2 CONVEYANCE IMPROVEMENT
N.T.S



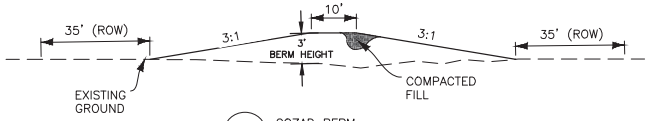
3 COZAD SECTION 3 CONVEYANCE IMPROVEMENT
N.T.S



4 LEXINGTON NORTHEAST CONVEYANCE IMPROVEMENT
N.T.S



5 LEXINGTON BERM
N.T.S



6 COZAD BERM
N.T.S

GENEARAL NOTES:

1) THE CONSTRUCTION OF BERMS SHALL FOLLOW CONSERVATION PRACTICE STANDARD "DIKE AND LEVEE" CODE 356.

2) CHANNEL CONSTRUCTION SHALL FOLLOW CONSERVATION PRACTICE STANDARD "OPEN CHANNEL" CODE 582.

3) CONSTRUCTION OF DIVERSION DAM SHALL FOLLOW CONSERVATION PRACTICE STANDARD "DIVERSION DAM" CODE 348.

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ISSUE	DATE	DESCRIPTION
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PRELIMINARY DRAWINGS FOR PREFERRED ALTERNATIVE
(NOT FOR CONSTRUCTION)

SPRING CREEK WATERSHED PLAN - EA

LEXINGTON FLOOD PROTECTION
SPRING CREEK
STA 970+00 TO STA 974+28.30

0 1" 2"

FILENAME: LFP 213.dwg
SCALE: 1"=150'H : 1"=5'V
SHEET: LFP 213