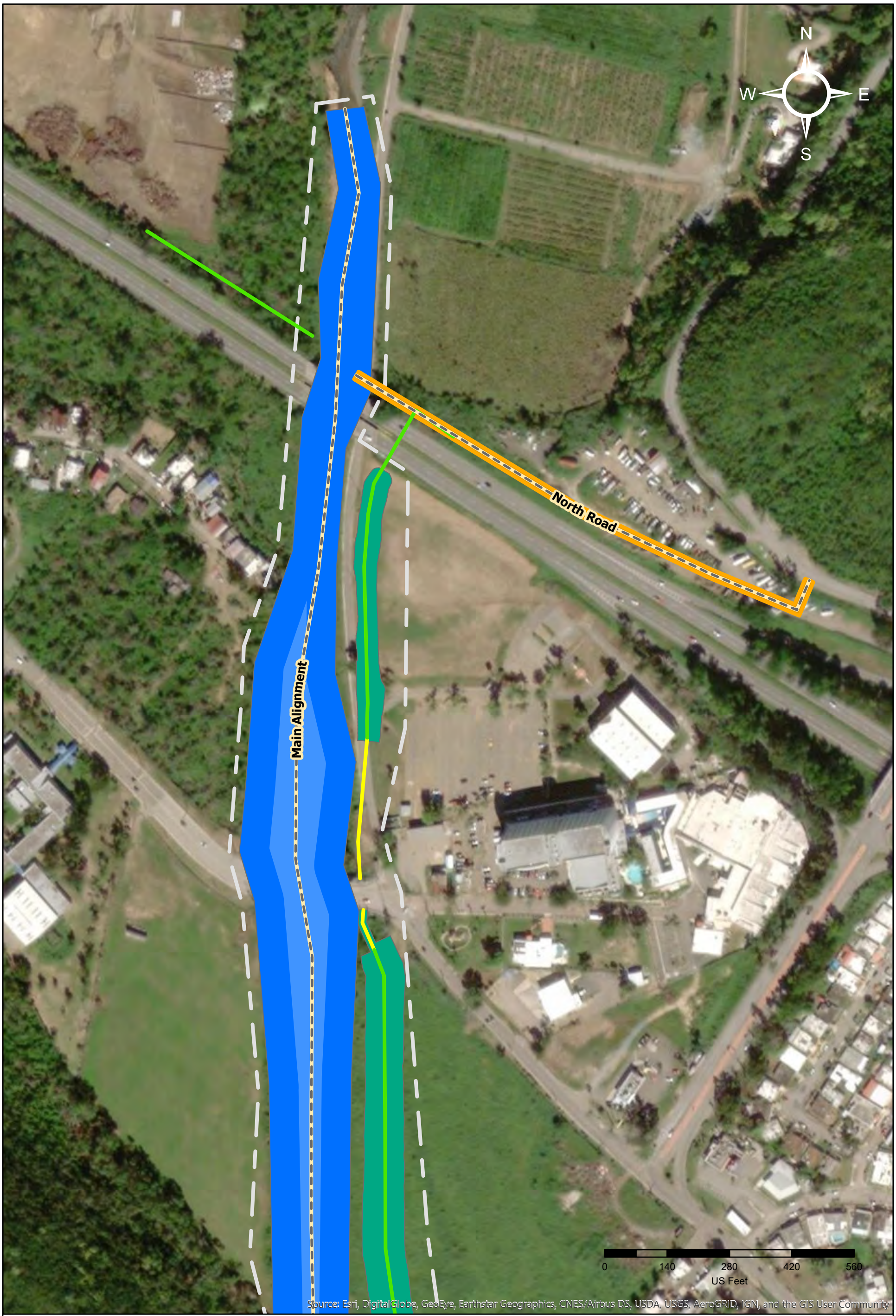
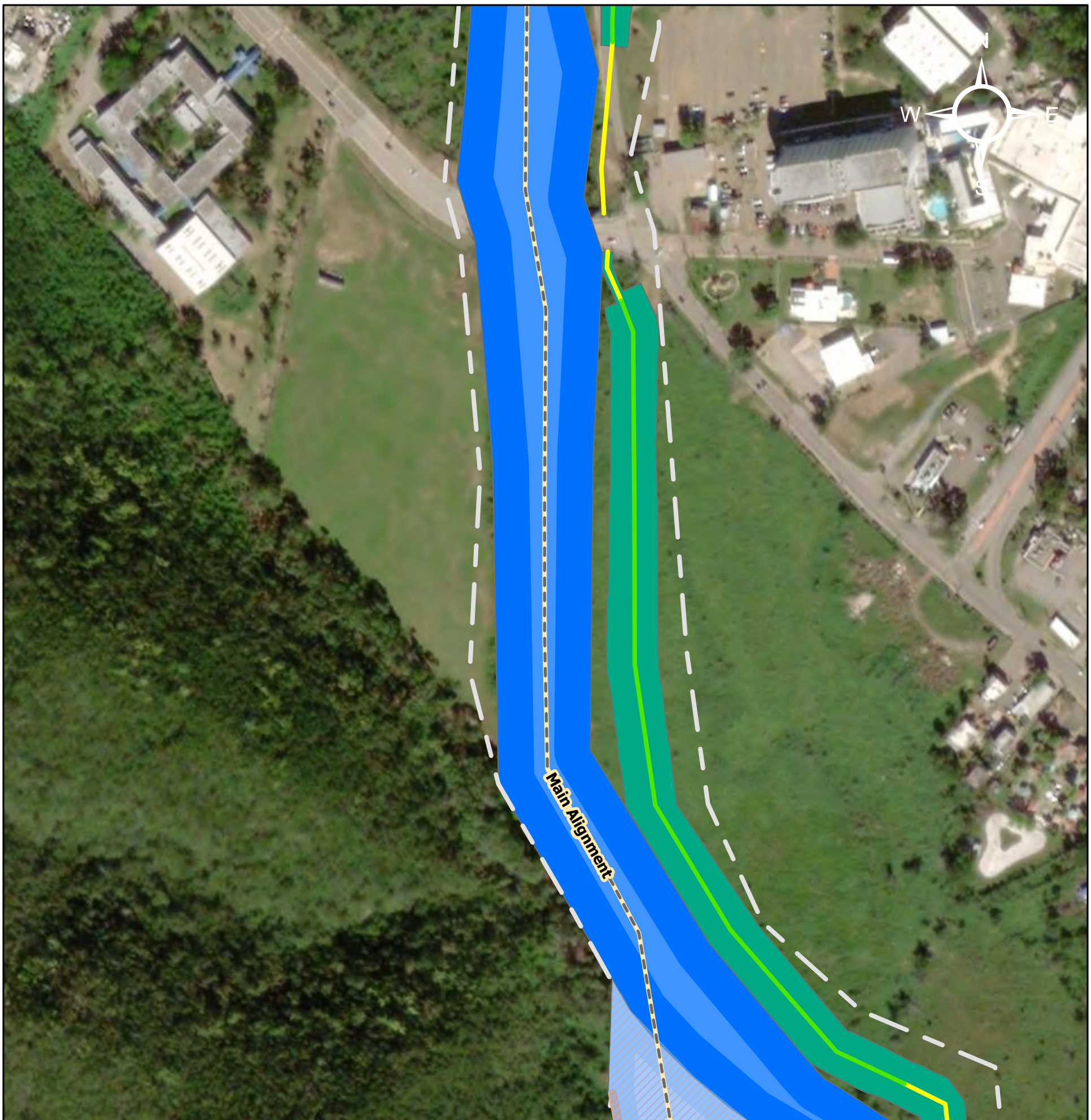


Legend

U.S. ARMY CORPS OF ENGINEERS
CHICAGO DISTRICT

- Floodwall
- Levee
- Berm
- Channel Improvements
- Basin
- Diversion Channel
- Diversion Channel Levee
- Levee & Floodwall Footprint
- WorkLimits
- Disposal Area
- Diversion Structure
- RipRap
- New Road



U.S. ARMY CORPS
OF ENGINEERS
CHICAGO DISTRICT

Legend

- Floodwall
- Levee
- Berm
- Channel Improvements
- Basin
- Diversion Channel
- Diversion Channel Levee
- Levee & Floodwall Footprint
- WorkLimits
- Disposal Area
- Diversion Structure
- RipRap
- New Road

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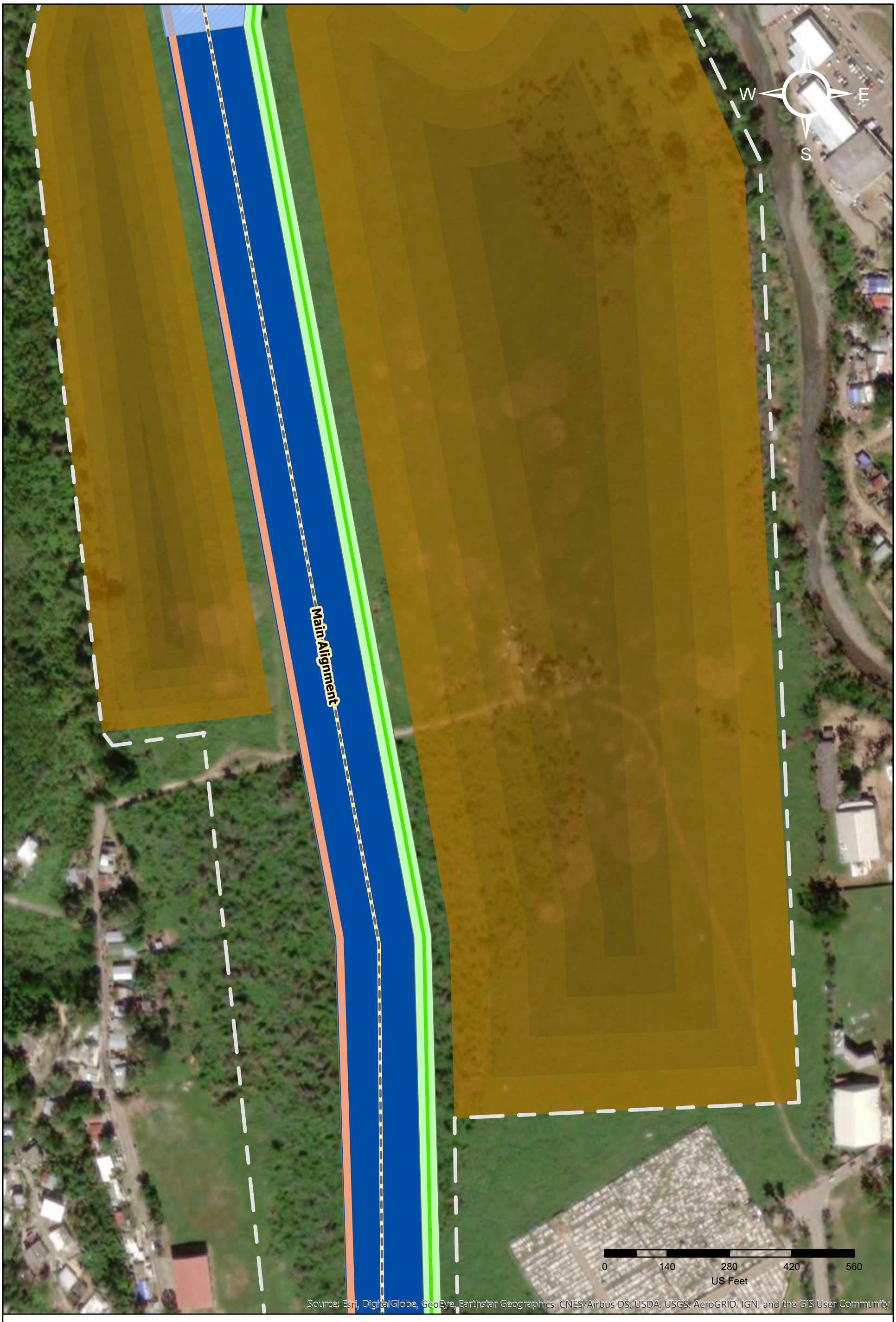
Main Alignment
0
140
280
420
560
US Feet
Source: Esri, DigitalGlobe, GeoEye, Earthstar Geographics, CNES/Airbus DS, USDA, USGS, AeroGRID, IGN, and the GIS User Community

Legend

U.S. ARMY CORPS OF ENGINEERS
CHICAGO DISTRICT

- Floodwall
- Levee
- Berm
- Channel Improvements
- Basin
- Diversion Channel
- Diversion Channel Levee
- Levee & Floodwall Footprint
- WorkLimits
- Disposal Area
- Diversion Structure
- RipRap
- New Road



U.S. ARMY CORPS
OF ENGINEERS
CHICAGO DISTRICT

Legend

- Floodwall
- Levee
- Berm
- Channel Improvements
- Basin
- Diversion Channel
- Diversion Channel Levee
- Levee & Floodwall Footprint
- WorkLimits
- Disposal Area
- Diversion Structure
- RipRap
- New Road

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Main Alignment
South Road
Bridge
0
140
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420
560
US Feet
Source: Esri, DigitalGlobe, GeoEye, Earthstar Geographics, CNES/Airbus DS, USDA, USGS, AeroGRID, IGN, and the GIS User Community

U.S. ARMY CORPS
OF ENGINEERS
CHICAGO DISTRICT

Legend

- Floodwall
- Levee
- Berm
- Channel Improvements
- Basin
- Diversion Channel
- Diversion Channel Levee
- Levee & Floodwall Footprint
- WorkLimits
- Disposal Area
- Diversion Structure
- RipRap
- New Road

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Main Alignment
Bridge
South Road
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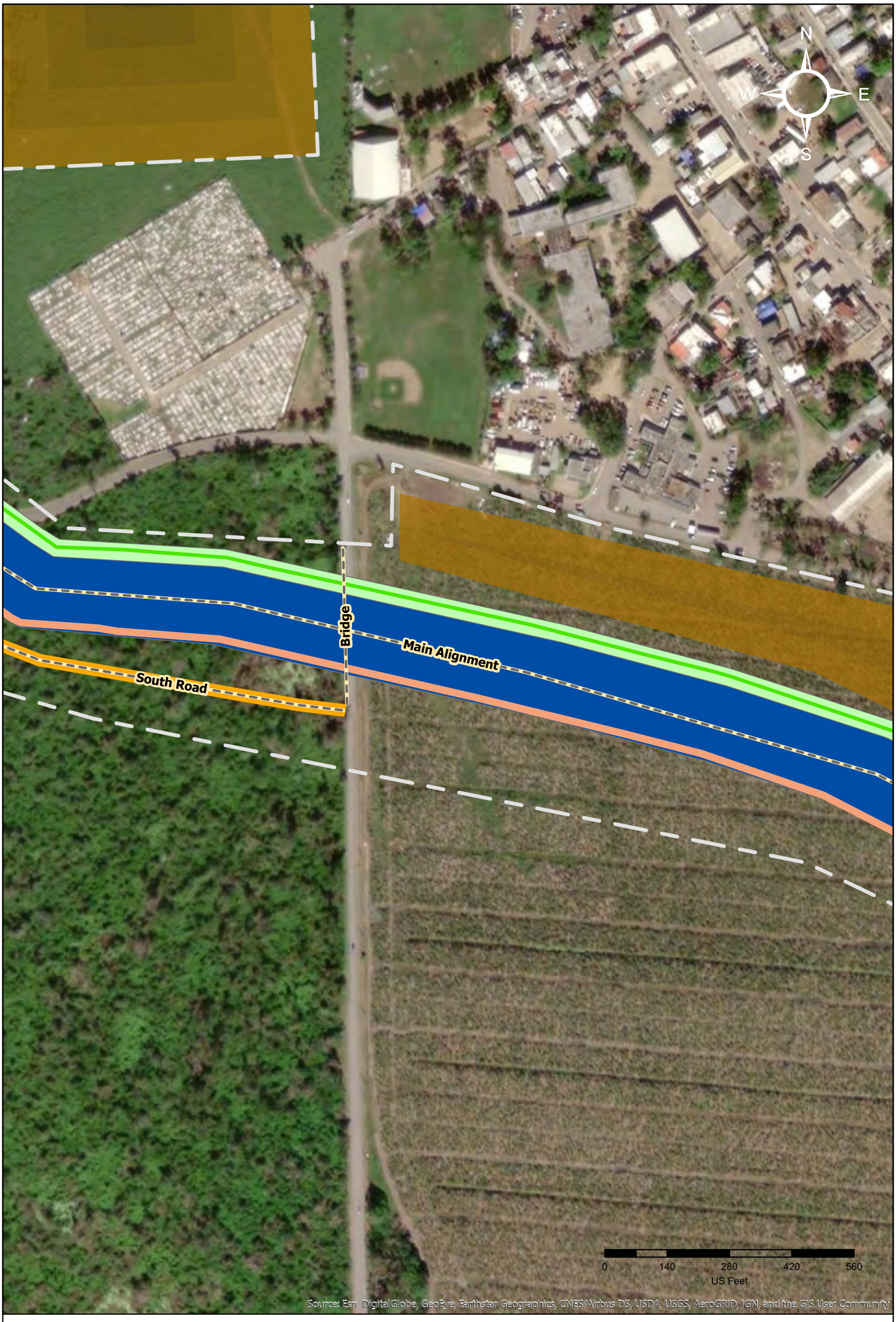
US Feet
Source: Esri, DigitalGlobe, GeoEye, Earthstar Geographics, CNES/Airbus DS, USDA, USGS, AeroGRID, IGN, and the GIS User Community

U.S. ARMY CORPS
OF ENGINEERS
CHICAGO DISTRICT

Legend

- Floodwall
- Levee
- Berm
- Channel Improvements
- Basin
- Diversion Channel
- Diversion Channel Levee
- Levee & Floodwall Footprint
- WorkLimits
- Disposal Area
- Diversion Structure
- RipRap
- New Road



U.S. ARMY CORPS
OF ENGINEERS
CHICAGO DISTRICT

Legend

- Floodwall
- Levee
- Berm
- Channel Improvements
- Basin
- Diversion Channel
- Diversion Channel Levee
- Levee & Floodwall Footprint
- WorkLimits
- Disposal Area
- Diversion Structure
- RipRap
- New Road

U.S. ARMY CORPS
OF ENGINEERS
CHICAGO DISTRICT

Legend

- Floodwall
- Levee
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- Basin
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- Diversion Channel Levee
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- WorkLimits
- Disposal Area
- Diversion Structure
- RipRap
- New Road

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Main Alignment
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US Feet
Source: Esri, DigitalGlobe, GeoEye, Earthstar Geographics, CNES/Airbus DS, USDA, USGS, AeroGRID, IGN, and the GIS User Community

U.S. ARMY CORPS
OF ENGINEERS
CHICAGO DISTRICT

Legend

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- Levee
- Berm
- Channel Improvements
- Basin
- Diversion Channel
- Diversion Channel Levee
- Levee & Floodwall Footprint
- WorkLimits
- Disposal Area
- Diversion Structure
- RipRap
- New Road

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Main Alignment
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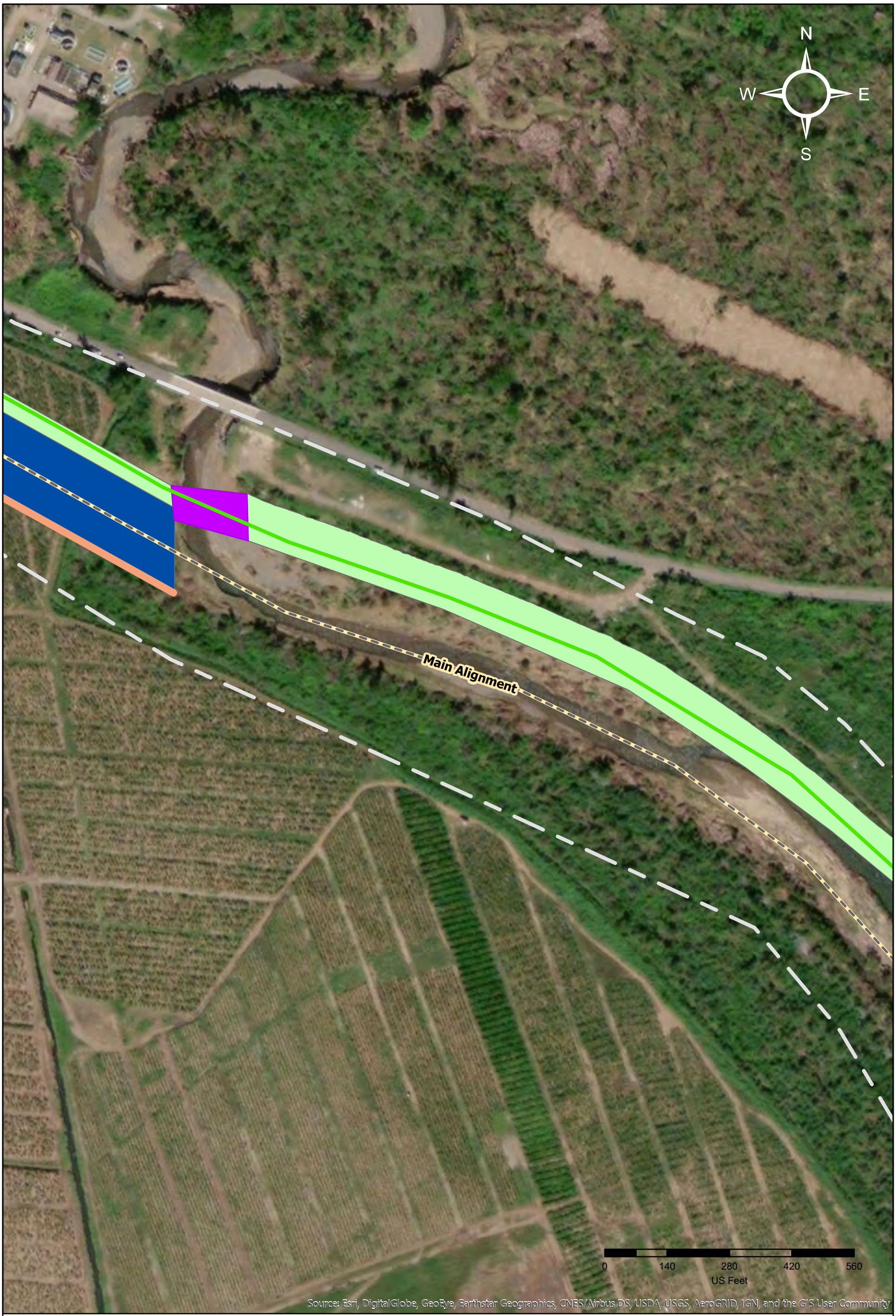
US Feet
Source: Esri, DigitalGlobe, GeoEye, Earthstar Geographics, CNES/Airbus DS, USDA, USGS, AeroGRID, IGN, and the GIS User Community

Legend

U.S. ARMY CORPS
OF ENGINEERS
CHICAGO DISTRICT

- Floodwall
- Levee
- Berm
- Channel Improvements
- Basin
- Diversion Channel
- Diversion Channel Levee
- Levee & Floodwall Footprint
- WorkLimits
- Disposal Area
- Diversion Structure
- RipRap
- New Road



U.S. ARMY CORPS
OF ENGINEERS
CHICAGO DISTRICT

Legend

- Floodwall
- Levee
- Berm
- Channel Improvements
- Basin
- Diversion Channel
- Diversion Channel Levee
- Levee & Floodwall Footprint
- WorkLimits
- Disposal Area
- Diversion Structure
- RipRap
- New Road

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Main Alignment
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US Feet
Source: Esri, DigitalGlobe, GeoEye, Earthstar Geographics, CNES/Airbus DS, USDA, USGS, AeroGRID, IGN, and the GIS User Community

U.S. ARMY CORPS
OF ENGINEERS
CHICAGO DISTRICT

Legend

- Floodwall
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- RipRap
- New Road

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Main Alignment
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US Feet
Source: Esri, DigitalGlobe, GeoEye, Earthstar Geographics, CNES/Airbus DS, USDA, USGS, AeroGRID, IGN, and the GIS User Community

Legend

U.S. ARMY CORPS OF ENGINEERS
CHICAGO DISTRICT

- Floodwall
- Levee
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- Diversion Channel
- Diversion Channel Levee
- Levee & Floodwall Footprint
- WorkLimits
- Disposal Area
- Diversion Structure
- RipRap
- New Road

U.S. ARMY CORPS
OF ENGINEERS
CHICAGO DISTRICT

Legend

- Floodwall
- Levee
- Berm
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- Levee & Floodwall Footprint
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- Disposal Area
- Diversion Structure
- RipRap
- New Road

U.S. ARMY CORPS
OF ENGINEERS
CHICAGO DISTRICT

Legend

- Floodwall
- Levee
- Berm
- Channel Improvements
- Basin
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- Diversion Channel Levee
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- WorkLimits
- Disposal Area
- Diversion Structure
- RipRap
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U.S. ARMY CORPS
OF ENGINEERS
CHICAGO DISTRICT

Legend

- Floodwall
- Levee
- Berm
- Channel Improvements
- Basin
- Diversion Channel
- Diversion Channel Levee
- Levee & Floodwall Footprint
- WorkLimits
- Disposal Area
- Diversion Structure
- RipRap
- New Road

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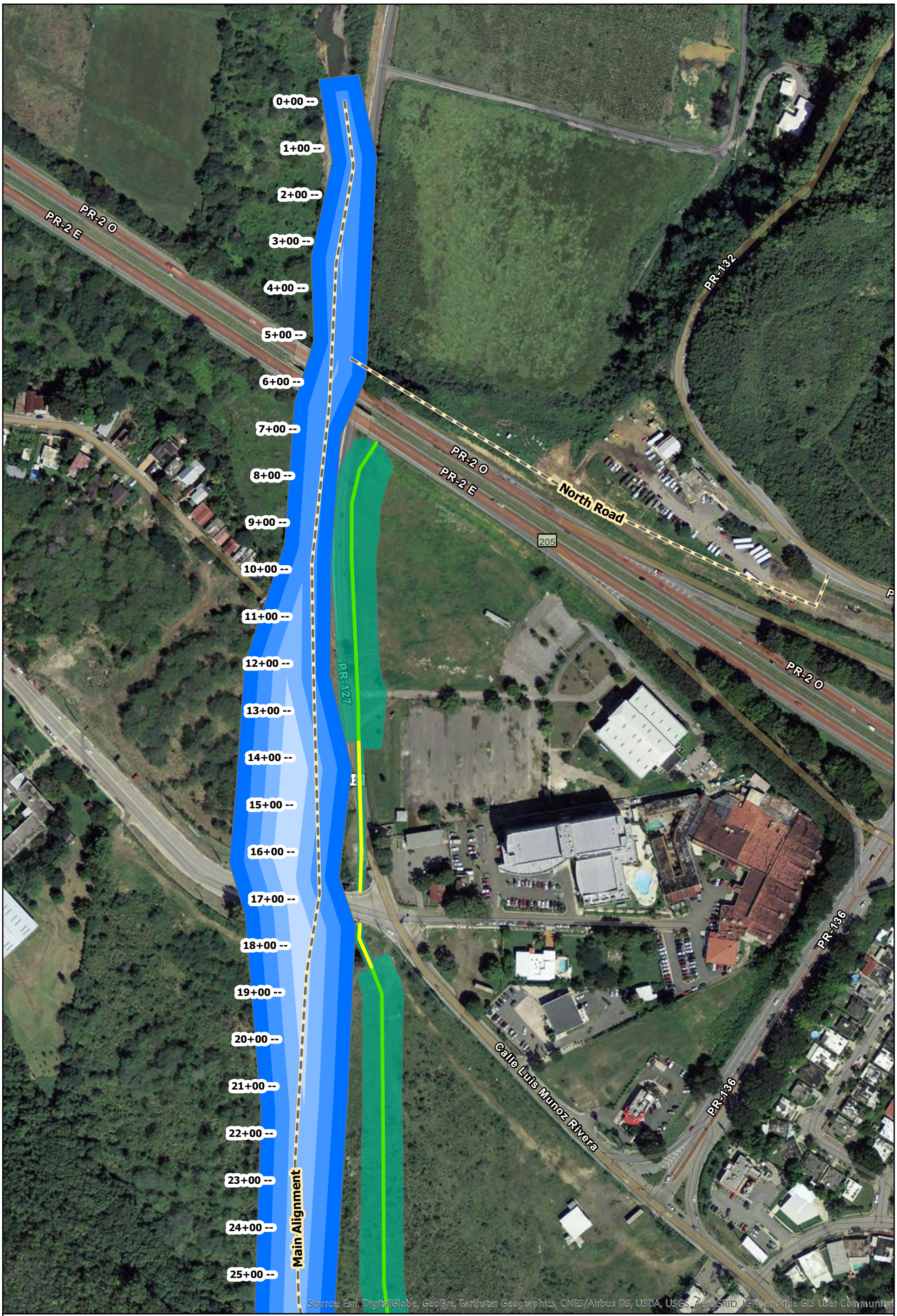
0 140 280 420 560
US Feet

Source: Esri, DigitalGlobe, GeoEye, Earthstar Geographics, CNES/Airbus DS, USDA, USGS, AeroGRID, IGN, and the GIS User Community

U.S. ARMY CORPS
OF ENGINEERS
CHICAGO DISTRICT

Legend

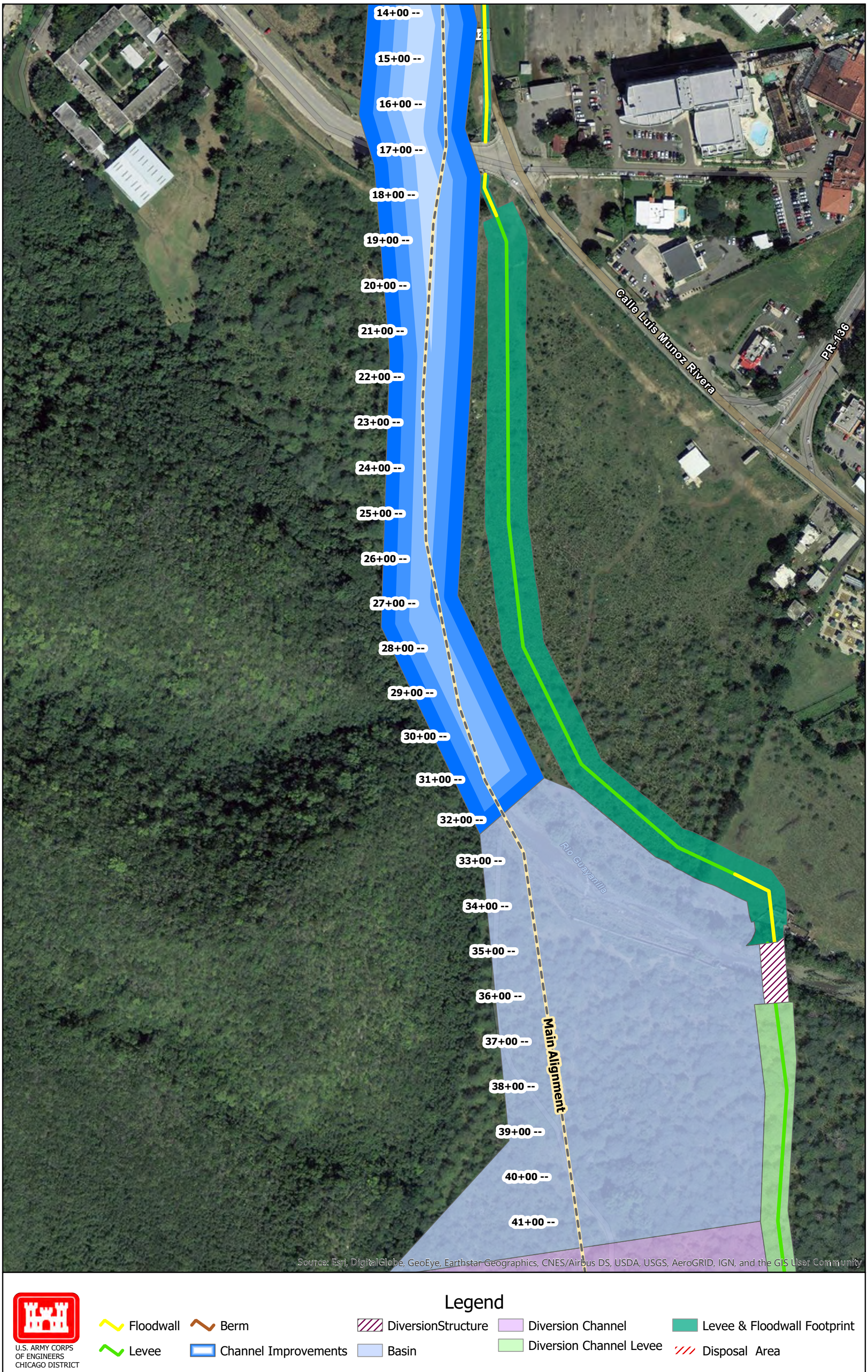
- Floodwall
- Levee
- Berm
- Channel Improvements
- Basin
- Diversion Channel
- Diversion Channel Levee
- Levee & Floodwall Footprint
- WorkLimits
- Disposal Area
- Diversion Structure
- RipRap
- New Road



U.S. ARMY CORPS
OF ENGINEERS
CHICAGO DISTRICT

Legend

- Floodwall
- Levee
- Berm
- Channel Improvements
- DiversionStructure
- Basin
- Diversion Channel
- Diversion Channel Levee
- Levee & Floodwall Footprint
- Disposal Area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41+00 --
Calle Luis Munoz Rivera
PR-136
Rio Guayanilla
Main Alignment
Source: Esri, DigitalGlobe, GeoEye, Earthstar Geographics, CNES/Airbus DS, USDA, USGS, AeroGRID, IGN, and the GIS User Community
U.S. ARMY CORPS
OF ENGINEERS
CHICAGO DISTRICT
Legend
Floodwall
Berm
DiversionStructure
Diversion Channel
Levee & Floodwall Footprint
Levee
Channel Improvements
Basin
Diversion Channel Levee
Disposal Area

U.S. ARMY CORPS
OF ENGINEERS
CHICAGO DISTRICT

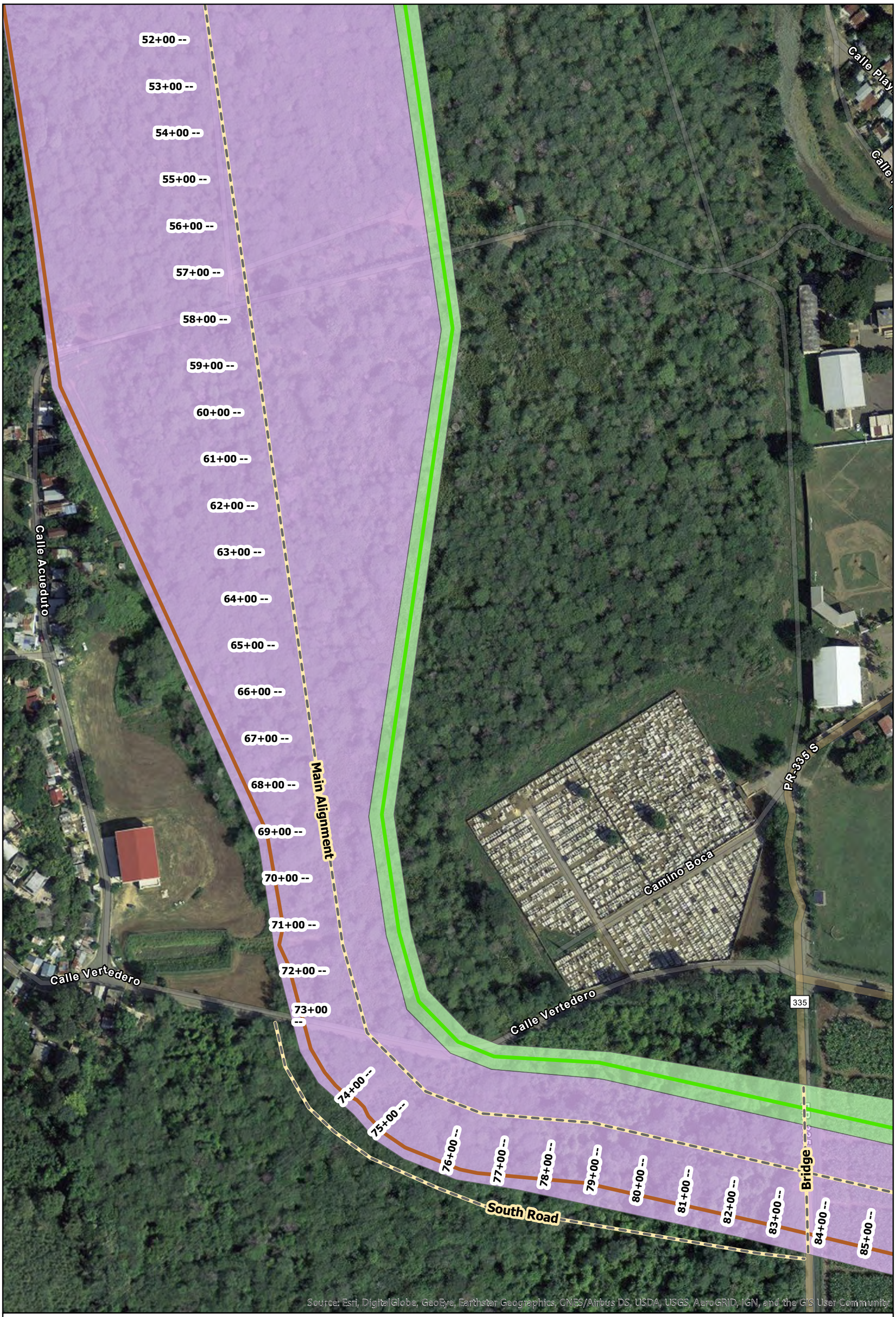
Legend

- Floodwall
- Levee
- Berm
- Channel Improvements
- DiversionStructure
- Basin
- Diversion Channel
- Diversion Channel Levee
- Levee & Floodwall Footprint
- Disposal Area

U.S. ARMY CORPS
OF ENGINEERS
CHICAGO DISTRICT

Legend

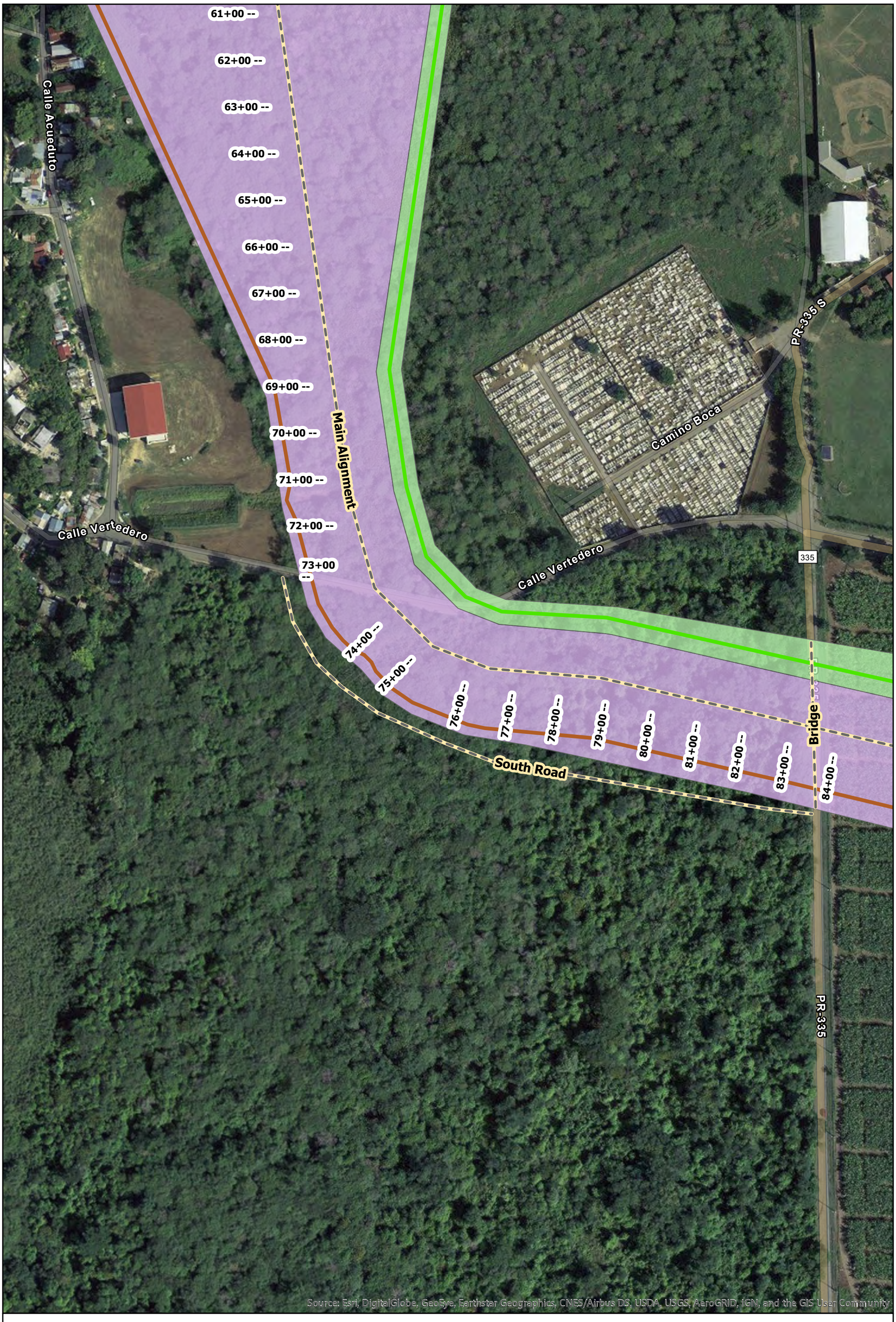
- Floodwall
- Levee
- Berm
- Channel Improvements
- DiversionStructure
- Basin
- Diversion Channel
- Diversion Channel Levee
- Levee & Floodwall Footprint
- Disposal Area



U.S. ARMY CORPS
OF ENGINEERS
CHICAGO DISTRICT

Legend

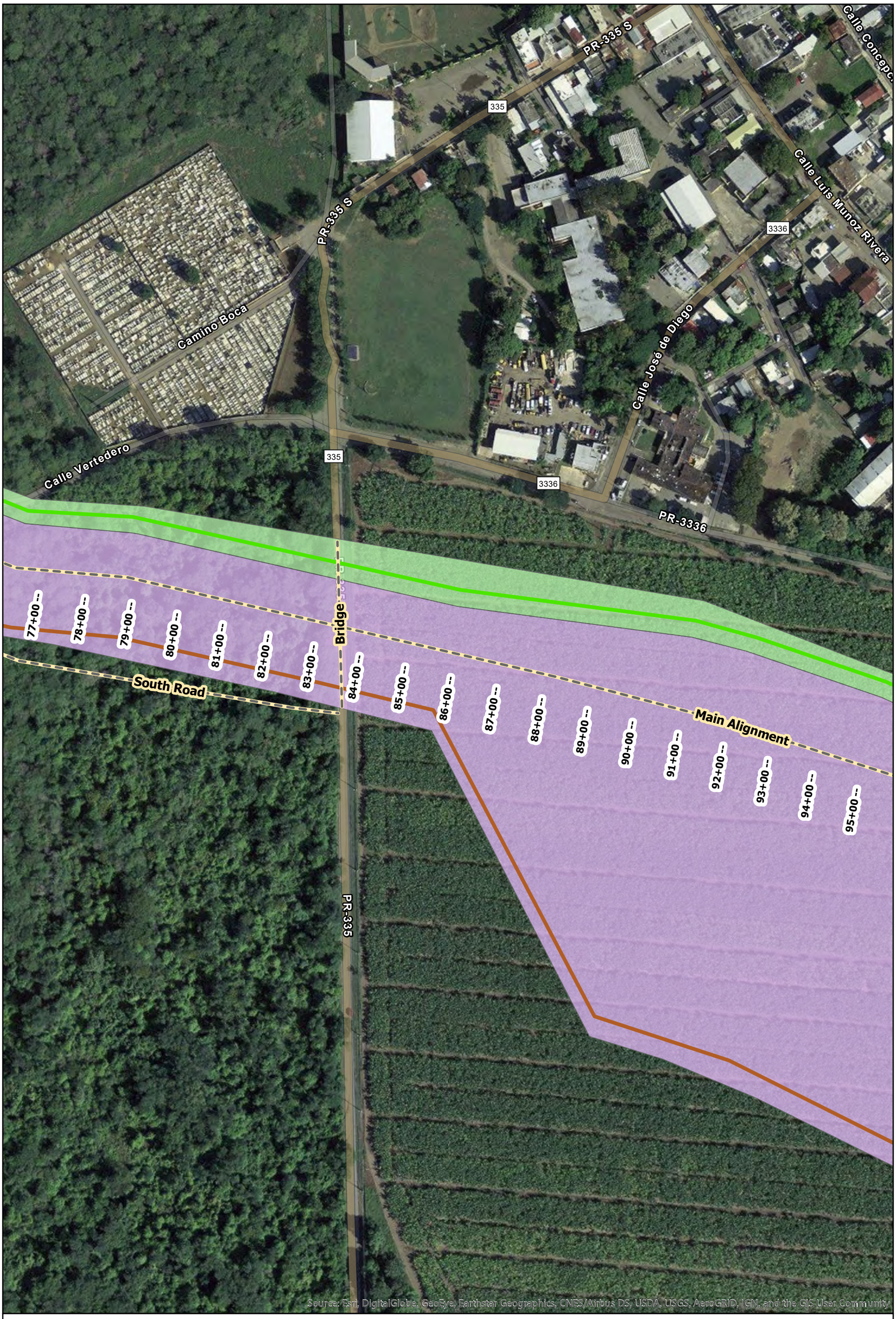
- Floodwall
- Levee
- Berm
- Channel Improvements
- DiversionStructure
- Basin
- Diversion Channel
- Diversion Channel Levee
- Levee & Floodwall Footprint
- Disposal Area



U.S. ARMY CORPS
OF ENGINEERS
CHICAGO DISTRICT

Legend

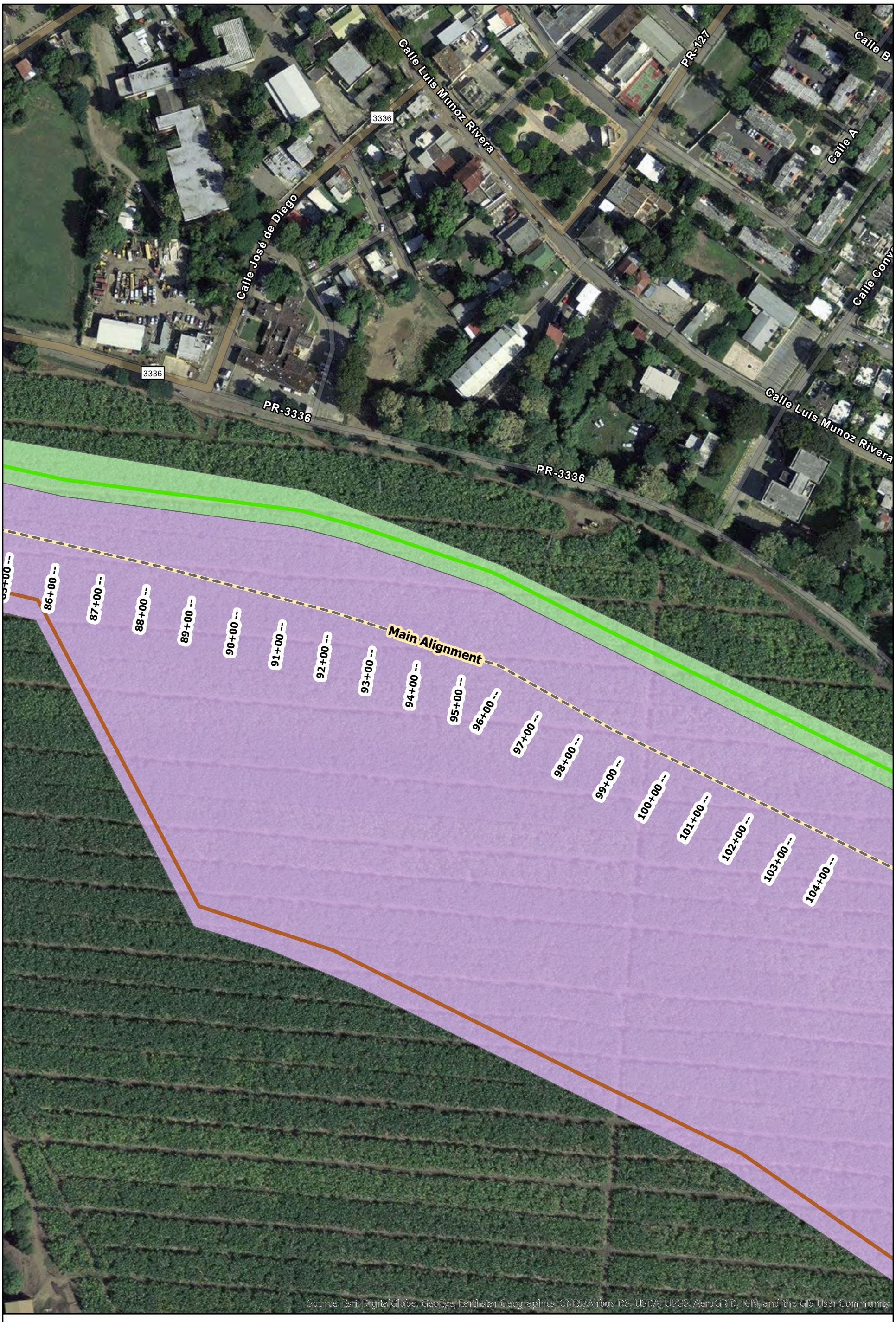
- Floodwall
- Levee
- Berm
- Channel Improvements
- DiversionStructure
- Basin
- Diversion Channel
- Diversion Channel Levee
- Levee & Floodwall Footprint
- Disposal Area



U.S. ARMY CORPS
OF ENGINEERS
CHICAGO DISTRICT

Legend

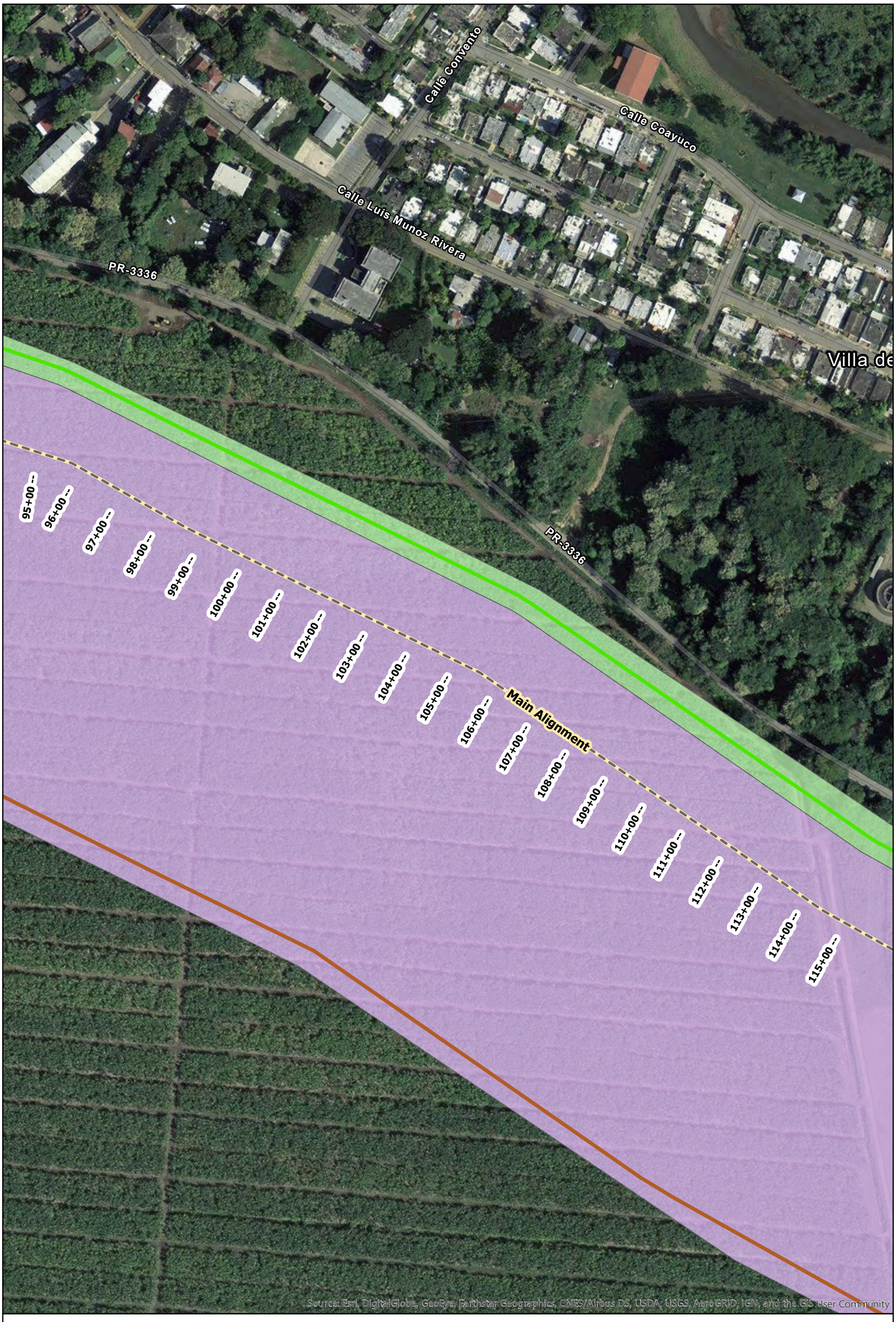
- Floodwall
- Levee
- Berm
- Channel Improvements
- DiversionStructure
- Basin
- Diversion Channel
- Diversion Channel Levee
- Levee & Floodwall Footprint
- Disposal Area



U.S. ARMY CORPS
OF ENGINEERS
CHICAGO DISTRICT

Legend

- Floodwall
- Levee
- Berm
- Channel Improvements
- DiversionStructure
- Basin
- Diversion Channel
- Diversion Channel Levee
- Levee & Floodwall Footprint
- Disposal Area


Calle Convento
Calle Coayuco
Calle Luis Munoz Rivera
PR-3336
Villa de
PR-3336
95+00
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106+00
107+00
108+00
109+00
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111+00
112+00
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115+00
Main Alignment
Source: Esri, DigitalGlobe, GeoEye, Earthstar Geographics, CNES/Airbus DS, USDA, USGS, AeroGRID, IGN, and the GIS User Community
U.S. ARMY CORPS
OF ENGINEERS
CHICAGO DISTRICT
Legend
Floodwall
Berm
DiversionStructure
Diversion Channel
Levee & Floodwall Footprint
Levee
Channel Improvements
Basin
Diversion Channel Levee
Disposal Area

U.S. ARMY CORPS
OF ENGINEERS
CHICAGO DISTRICT

Legend

- Floodwall
- Levee
- Berm
- Channel Improvements
- DiversionStructure
- Basin
- Diversion Channel
- Diversion Channel Levee
- Levee & Floodwall Footprint
- Disposal Area

PR-3336
PR-3336
Río Guayanilla
Río Guayanilla
118+00
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Main Alignment
Source: Esri, DigitalGlobe, GeoEye, Earthstar Geographics, CNES/Airbus DS, USDA, USGS, AeroGRID, IGN, and the GIS User Community
U.S. ARMY CORPS
OF ENGINEERS
CHICAGO DISTRICT
Legend
Floodwall
Levee
Berm
Channel Improvements
DiversionStructure
Basin
Diversion Channel
Diversion Channel Levee
Levee & Floodwall Footprint
Disposal Area

PR-3336

PR-3336

128+00

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147+00

148+00

149+00

150+00

151+00

152+00

Main Alignment

Río Guayanilla

Río Guayanilla

Source: Esri, DigitalGlobe, GeoEye, Earthstar Geographics, CNES/Airbus DS, USDA, USGS, AeroGRID, IGN, and the GIS User Community

U.S. ARMY CORPS
OF ENGINEERS
CHICAGO DISTRICT

Legend

- Floodwall
- Levee
- Berm
- Channel Improvements
- DiversionStructure
- Basin
- Diversion Channel
- Diversion Channel Levee
- Levee & Floodwall Footprint
- Disposal Area

U.S. ARMY CORPS
OF ENGINEERS
CHICAGO DISTRICT

Legend

- Floodwall
- Levee
- Berm
- Channel Improvements
- DiversionStructure
- Basin
- Diversion Channel
- Diversion Channel Levee
- Levee & Floodwall Footprint
- Disposal Area

U.S. ARMY CORPS
OF ENGINEERS
CHICAGO DISTRICT

Legend

- Floodwall
- Berm
- DiversionStructure
- Diversion Channel
- Levee & Floodwall Footprint
- Levee
- Channel Improvements
- Basin
- Diversion Channel Levee
- Disposal Area

U.S. ARMY CORPS
OF ENGINEERS
CHICAGO DISTRICT

Legend

- Floodwall
- Levee
- Berm
- Channel Improvements
- DiversionStructure
- Basin
- Diversion Channel
- Diversion Channel Levee
- Levee & Floodwall Footprint
- Disposal Area

U.S. ARMY CORPS
OF ENGINEERS
CHICAGO DISTRICT

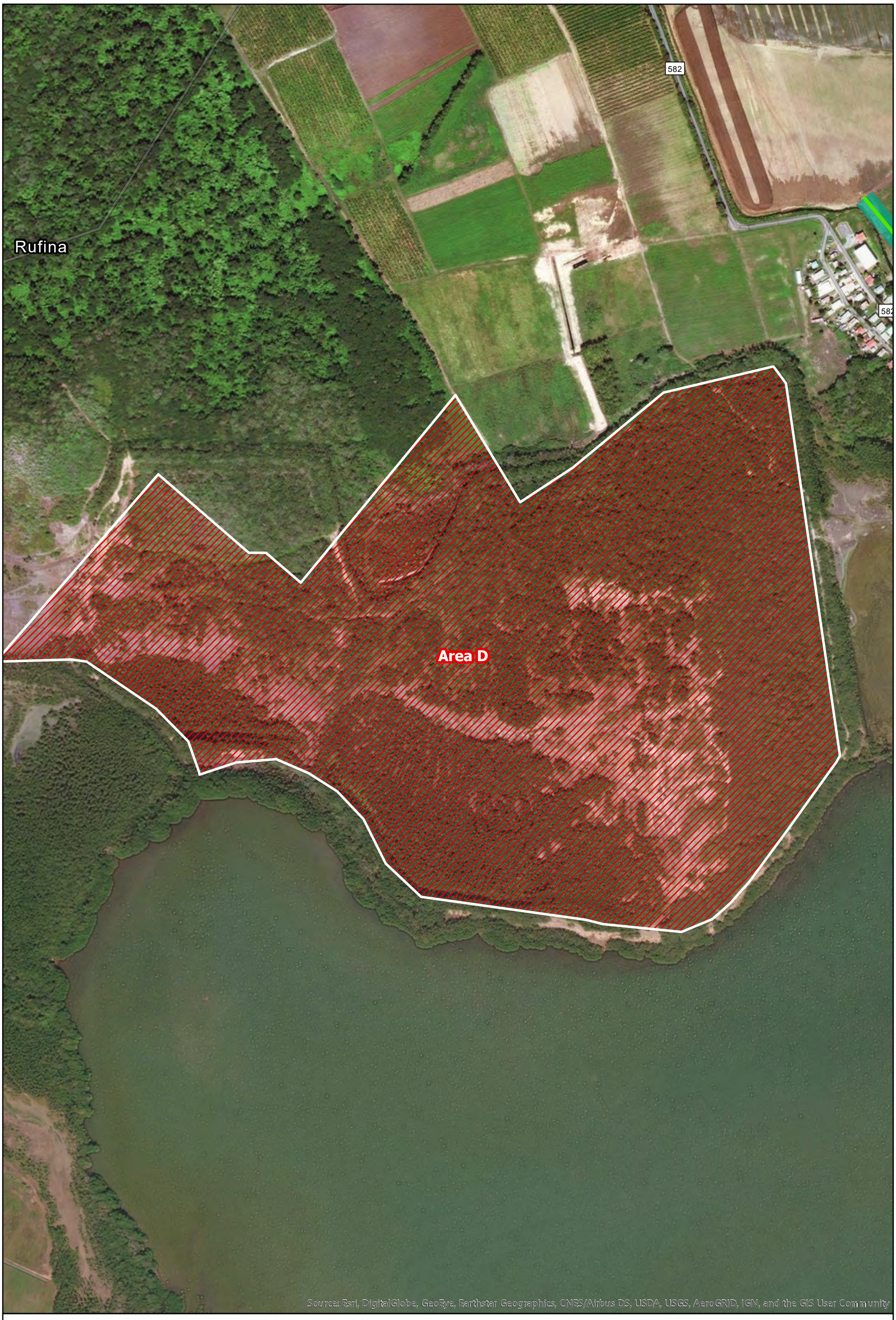
Legend

- Floodwall
- Levee
- Berm
- Channel Improvements
- DiversionStructure
- Basin
- Diversion Channel
- Diversion Channel Levee
- Levee & Floodwall Footprint
- Disposal Area

U.S. ARMY CORPS
OF ENGINEERS
CHICAGO DISTRICT

Legend

- Floodwall
- Levee
- Berm
- Channel Improvements
- DiversionStructure
- Basin
- Diversion Channel
- Diversion Channel Levee
- Levee & Floodwall Footprint
- Disposal Area
- Quarry



U.S. ARMY CORPS
OF ENGINEERS
CHICAGO DISTRICT

Legend

- Floodwall
- Levee
- Berm
- Channel Improvements
- DiversionStructure
- Basin
- Diversion Channel
- Diversion Channel Levee
- Levee & Floodwall Footprint
- Disposal Area

GENERAL NOTES

1. NOTE 1
2. NOTE 2
3. NOTE 3

LEGEND

CUT

FILL

HORIZONTAL SCALE: 0 10' 20'

VERTICAL SCALE: 0 40' 80'

US Army Corps of Engineers®

MARK	DESCRIPTION	DATE

ISSUE DATE: OCT 2018
SOLICITATION NO.: W912P8-18-B-00XX
CONTRACT NO.: W912P8-18-C-00XX
PROJECT ID: 476231
FILE NAME: 476231- CG-320.dgn
SIZE: ANSI D

DESIGNED BY: DRS
DRAWN BY: ARK
CHECKED BY:
SUBMITTED BY:

U.S. ARMY CORPS OF ENGINEERS
CHICAGO DISTRICT
231 S. LASALLE ST., SUITE 1500
CHICAGO, ILLINOIS 60604

RIO GUAYANILLA
GUAYANILLA, PUERTO RICO

CHANNEL IMPROVEMENT
CROSS SECTIONS

SHEET ID

CG320

GENERAL NOTES

1. NOTE 1
2. NOTE 2
3. NOTE 3

LEGEND

CUT

FILL

HORIZONTAL SCALE: 0 10' 20'

VERTICAL SCALE: 0 40' 80'

US Army Corps of Engineers®

MARK	DESCRIPTION	DATE

ISSUE DATE: OCT 2018
SOLICITATION NO.: W912P8-18-B-00XX
CONTRACT NO.: W912P8-18-C-00XX
PROJECT ID: 476231
FILE NAME: 476231- CG-321.dgn

DESIGNED BY: DRS
DRAWN BY: ARK
CHECKED BY:
SUBMITTED BY:
SIZE: ANSI D

U.S. ARMY CORPS OF ENGINEERS
CHICAGO DISTRICT
231 S. LASALLE ST., SUITE 1500
CHICAGO, ILLINOIS 60604

RIO GUAYANILLA
GUAYANILLA, PUERTO RICO

CHANNEL IMPROVEMENT
CROSS SECTIONS

SHEET ID

CG321

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GENERAL NOTES

1. NOTE 1
2. NOTE 2
3. NOTE 3

LEGEND

CUT

FILL

HORIZONTAL SCALE: 0 10' 20'

VERTICAL SCALE: 0 40' 80'

US Army Corps of Engineers®

MARK	DESCRIPTION	DATE

ISSUE DATE: OCT 2018
SOLICITATION NO.: W912P6-18-B-00XX
CONTRACT NO.: W912P6-18-C-00XX
PROJECT ID: 476231
FILE NAME: 476231- CG-322.dgn

DESIGNED BY: DRS
DRAWN BY: ARK
CHECKED BY:
SUBMITTED BY:
SIZE: ANSI D

U.S. ARMY CORPS OF ENGINEERS
CHICAGO DISTRICT
231 S. LASALLE ST., SUITE 1500
CHICAGO, ILLINOIS 60604

RIO GUAYANILLA
GUAYANILLA, PUERTO RICO

CHANNEL IMPROVEMENT
CROSS SECTIONS

SHEET ID

CG322

GENERAL NOTES

1. NOTE 1
2. NOTE 2
3. NOTE 3

LEGEND

CUT

FILL

HORIZONTAL SCALE: 0 10' 20'

VERTICAL SCALE: 0 40' 80'

US Army Corps of Engineers®

MARK	DESCRIPTION	DATE

DESIGNED BY: DRS
DRAWN BY: ARK
CHECKED BY:
SUBMITTED BY:
SIZE: ANSI D
ISSUE DATE: OCT 2018
SOLICITATION NO.: W912P8-18-B-00XX
CONTRACT NO.: W912P8-18-C-00XX
PROJECT ID: 476231
FILE NAME: 476231- CG-323.dgn

U.S. ARMY CORPS OF ENGINEERS
CHICAGO DISTRICT
231 S. LASALLE ST. SUITE 1500
CHICAGO, ILLINOIS 60604

RIO GUAYANILLA
GUAYANILLA, PUERTO RICO

CHANNEL IMPROVEMENT
CROSS SECTIONS

SHEET ID

CG323

GENERAL NOTES

1. NOTE 1
2. NOTE 2
3. NOTE 3

LEGEND

CUT

FILL

HORIZONTAL SCALE: 0 10' 20'

VERTICAL SCALE: 0 40' 80'

US Army Corps of Engineers®

MARK	DESCRIPTION	DATE

DESIGNED BY: DRS	ISSUE DATE: OCT 2018
DRAWN BY: ARK	SOLICITATION NO.: W912P8-18-B-00XX
CHECKED BY:	CONTRACT NO.: W912P8-18-C-00XX
SUBMITTED BY:	PROJECT ID: 476231
SIZE: ANSI D	FILE NAME: 476231- CG-324.dgn

U.S. ARMY CORPS OF ENGINEERS
CHICAGO DISTRICT
231 S. LASALLE ST. SUITE 1500
CHICAGO, ILLINOIS 60604

RIO GUAYANILLA
GUAYANILLA, PUERTO RICO

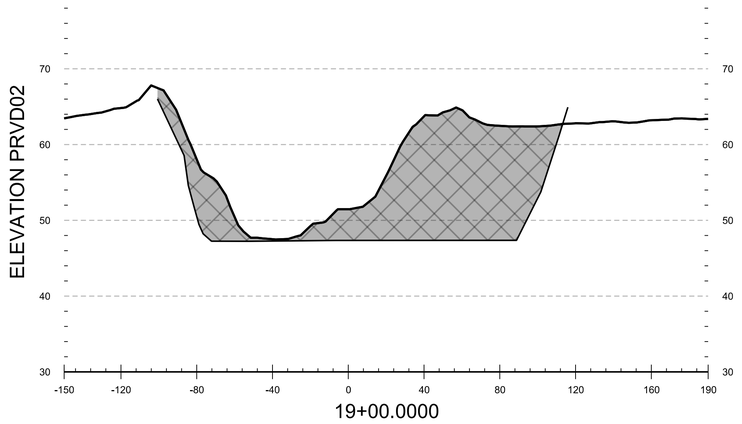
CHANNEL IMPROVEMENT CROSS SECTIONS

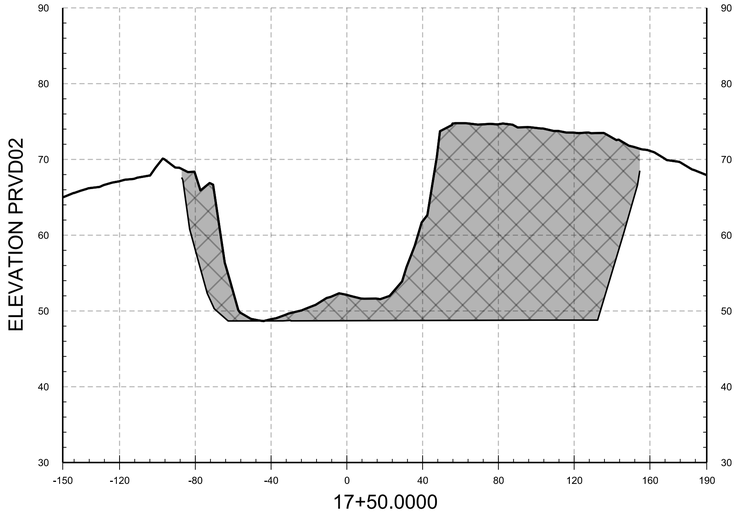
SHEET ID

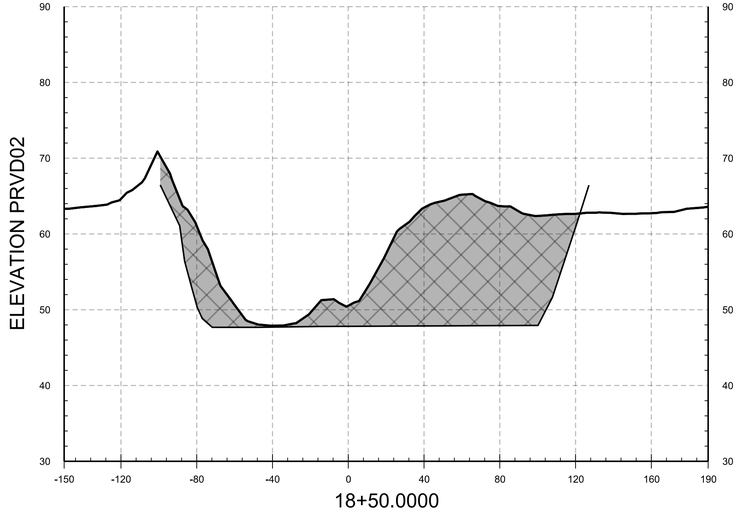
CG324

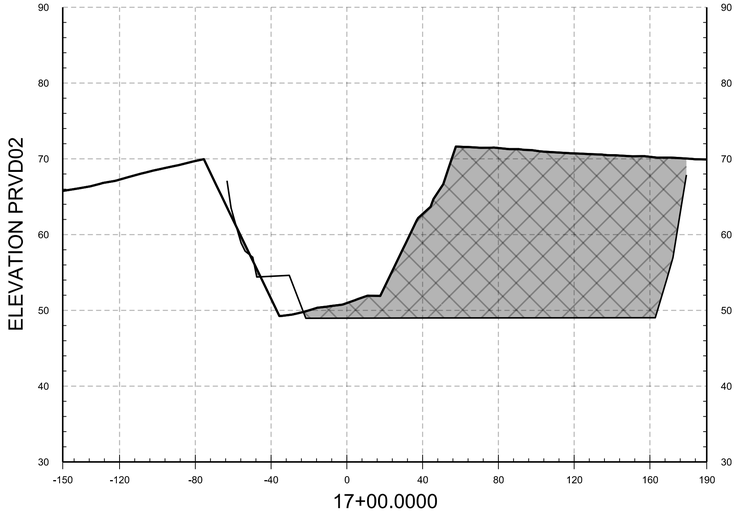
GENERAL NOTES

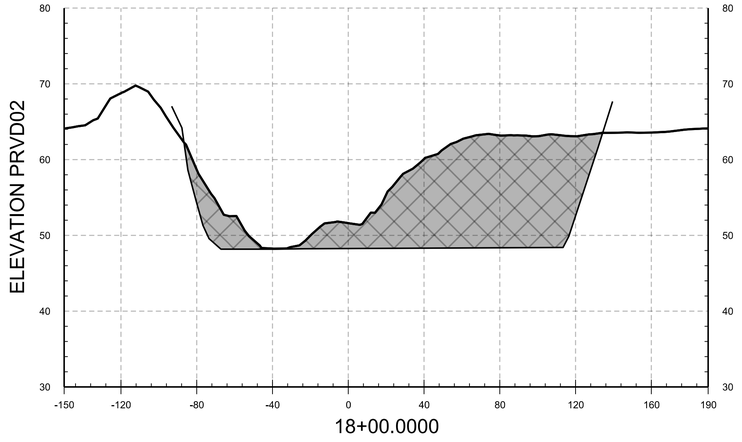
1. NOTE 1
2. NOTE 2
3. NOTE 3











LEGEND

CUT

FILL

HORIZONTAL SCALE: 0 10' 20'

VERTICAL SCALE: 0 40' 80'

US Army Corps of Engineers®

MARK	DESCRIPTION	DATE

DESIGNED BY: DRS	ISSUE DATE: OCT 2018	SUBMITTED BY:	
DRAWN BY: ARK	SOLICITATION NO.: W912P6-18-B-00XX		
CHECKED BY:	CONTRACT NO.: W912P6-18-C-00XX		
SIZE: ANSI D	PROJECT ID: 476231	FILE NAME: 476231- CG-325.dgn	

U.S. ARMY CORPS OF ENGINEERS
CHICAGO DISTRICT
231 S. LASALLE ST. SUITE 1500
CHICAGO, ILLINOIS 60604

RIO GUAYANILLA
GUAYANILLA, PUERTO RICO

CHANNEL IMPROVEMENT
CROSS SECTIONS

SHEET ID

CG325

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GENERAL NOTES

1. NOTE 1
2. NOTE 2
3. NOTE 3

LEGEND

CUT

FILL

HORIZONTAL SCALE: 0 10' 20'

VERTICAL SCALE: 0 40' 80'

US Army Corps of Engineers®

MARK	DESCRIPTION	DATE

ISSUE DATE:	OCT 2018
SOLICITATION NO.:	W912P6-18-B-00XX
CONTRACT NO.:	W912P6-18-C-00XX
PROJECT ID:	476231
FILE NAME:	476231- CG-326.dgn
SIZE: ANSI D	

DESIGNED BY:	DRS
DRAWN BY:	ARK
CHECKED BY:	
SUBMITTED BY:	

U.S. ARMY CORPS OF ENGINEERS
CHICAGO DISTRICT
231 S. LASALLE ST., SUITE 1500
CHICAGO, ILLINOIS 60604

RIO GUAYANILLA
GUAYANILLA, PUERTO RICO

CHANNEL IMPROVEMENT
CROSS SECTIONS

SHEET ID

CG326

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GENERAL NOTES

1. NOTE 1
2. NOTE 2
3. NOTE 3

LEGEND

CUT

FILL

HORIZONTAL SCALE: 0 10' 20'

VERTICAL SCALE: 0 40' 80'

US Army Corps of Engineers®

MARK	DESCRIPTION	DATE

ISSUE DATE: OCT 2018
SOLICITATION NO.: W912P8-18-B-00XX
CONTRACT NO.: W912P8-18-C-00XX
PROJECT ID: 476231
FILE NAME: 476231- CG-327.dgn
SIZE: ANSI D

DESIGNED BY: DRS
DRAWN BY: ARK
CHECKED BY:
SUBMITTED BY:

U.S. ARMY CORPS OF ENGINEERS
CHICAGO DISTRICT
231 S. LASALLE ST., SUITE 1500
CHICAGO, ILLINOIS 60604

RIO GUAYANILLA
GUAYANILLA, PUERTO RICO

CHANNEL IMPROVEMENT
CROSS SECTIONS

SHEET ID

CG327

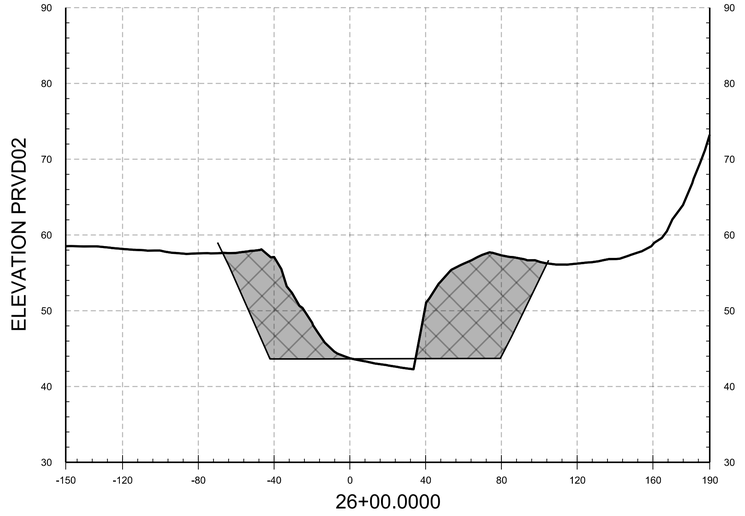
GENERAL NOTES

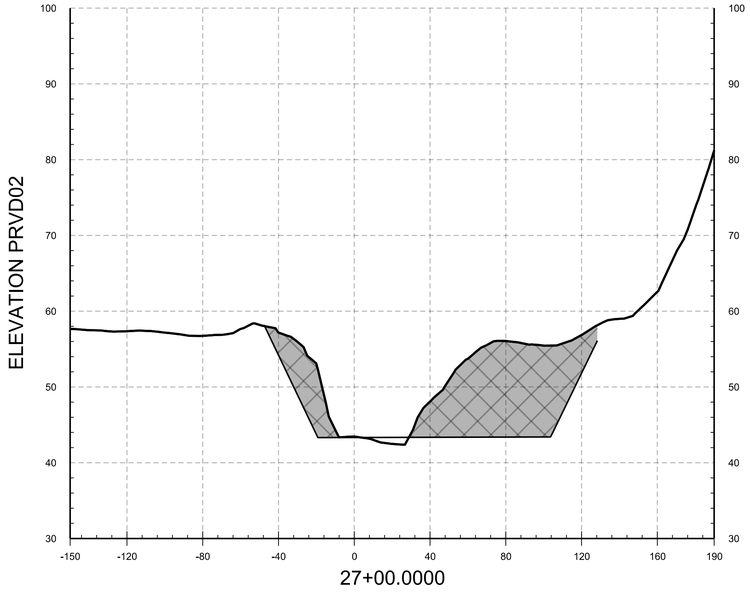
1. NOTE 1
2. NOTE 2
3. NOTE 3

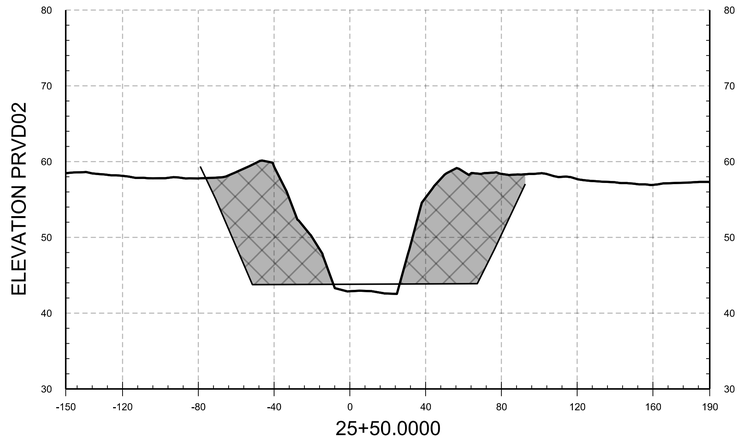
LEGEND

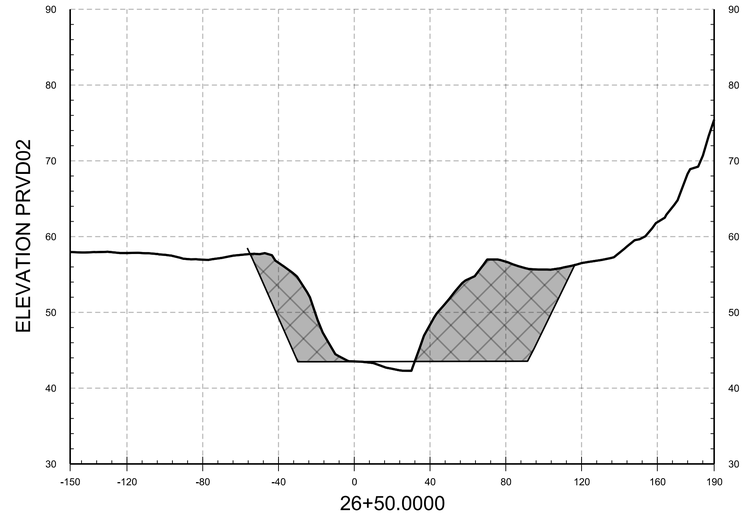
CUT

FILL









HORIZONTAL SCALE: 0 10' 20'

VERTICAL SCALE: 0 40' 80'

US Army Corps of Engineers®

MARK	DESCRIPTION	DATE

ISSUE DATE: OCT 2018
SOLICITATION NO.: W912P6-18-B-00XX
CONTRACT NO.: W912P6-18-C-00XX
PROJECT ID: 476231
FILE NAME: 476231- CG-328.dgn
SUBMITTED BY:
SIZE: ANSI D
DESIGNED BY: DRS
DRAWN BY: ARK
CHECKED BY:

U.S. ARMY CORPS OF ENGINEERS
CHICAGO DISTRICT
231 S. LASALLE ST. SUITE 1500
CHICAGO, ILLINOIS 60604

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GUAYANILLA, PUERTO RICO

CHANNEL IMPROVEMENT
CROSS SECTIONS

SHEET ID

CG328

GENERAL NOTES

1. NOTE 1
2. NOTE 2
3. NOTE 3

LEGEND

CUT

FILL

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VERTICAL SCALE: 0 40' 80'

US Army Corps of Engineers®

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SOLICITATION NO.: W912P6-18-B-00XX
CONTRACT NO.: W912P6-18-C-00XX
PROJECT ID: 476231
FILE NAME: 476231- CG-329.dgn

U.S. ARMY CORPS OF ENGINEERS
CHICAGO DISTRICT
231 S. LASALLE ST., SUITE 1500
CHICAGO, ILLINOIS 60604

RIO GUAYANILLA
GUAYANILLA, PUERTO RICO

CHANNEL IMPROVEMENT
CROSS SECTIONS

SHEET ID

CG329

GENERAL NOTES

1. NOTE 1
2. NOTE 2
3. NOTE 3

LEGEND

CUT

FILL

HORIZONTAL SCALE: 0 10' 20'

VERTICAL SCALE: 0 40' 80'

US Army Corps of Engineers®

MARK	DESCRIPTION	DATE

U.S. ARMY CORPS OF ENGINEERS
CHICAGO DISTRICT
231 S. LASALLE ST, SUITE 1500
CHICAGO, ILLINOIS 60604

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DRAWN BY: ARK
CHECKED BY:
SUBMITTED BY:
SIZE: ANSI D
ISSUE DATE: OCT 2018
SOLICITATION NO.: W912P6-18-B-00XX
CONTRACT NO.: W912P6-18-C-00XX
PROJECT ID: 476231
FILE NAME: 476231- CG-330.dgn

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GUAYANILLA, PUERTO RICO

CHANNEL IMPROVEMENT
CROSS SECTIONS

SHEET ID

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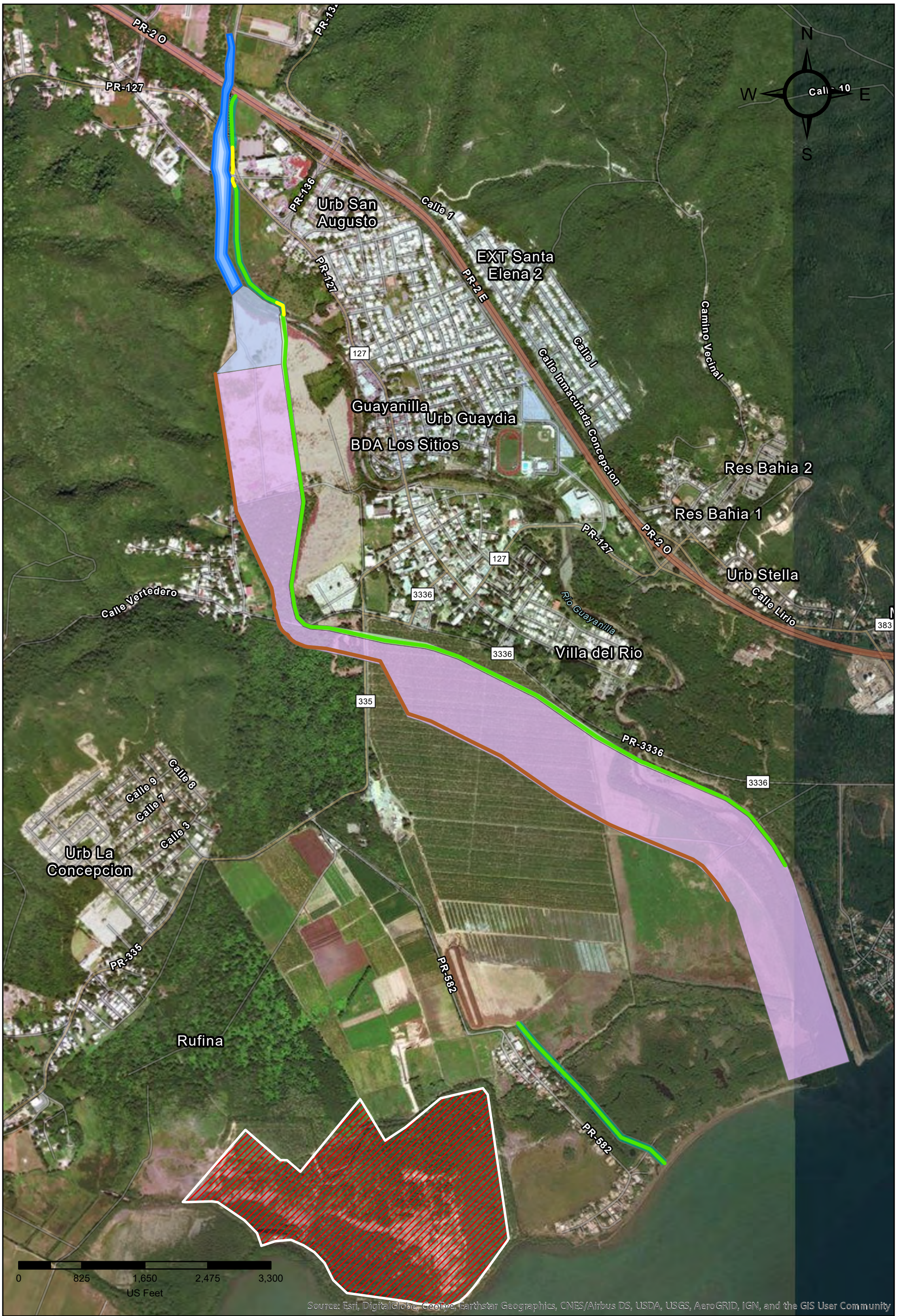
Source: Esri, DigitalGlobe, GeoEye, Earthstar Geographics, CNES/Airbus DS, USDA, USGS, AeroGRID, IGN, and the GIS User Community

U.S. ARMY CORPS
OF ENGINEERS
CHICAGO DISTRICT

Legend

- Floodwall
- Levee
- Berm
- Channel Improvements
- Disposal Area
- WorkLimits
- Basin
- Diversion Channel
- Diversion Channel Levee
- Levee & Floodwall Footprint
- Diversion Structure
- RipRap
- New Road

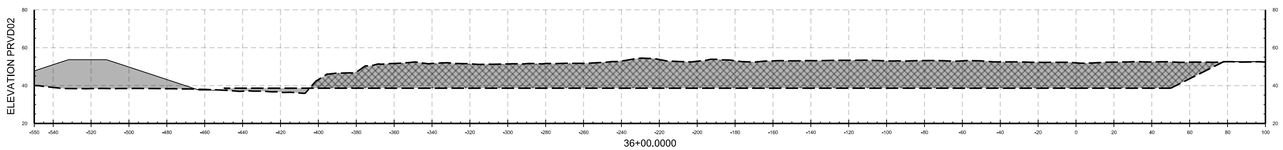
N
W E
S

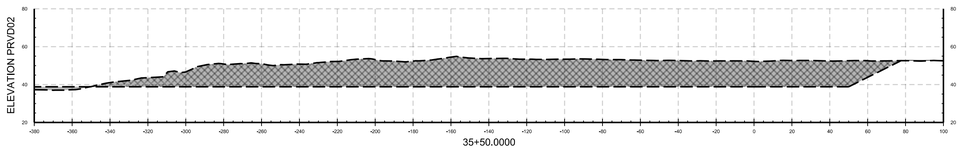


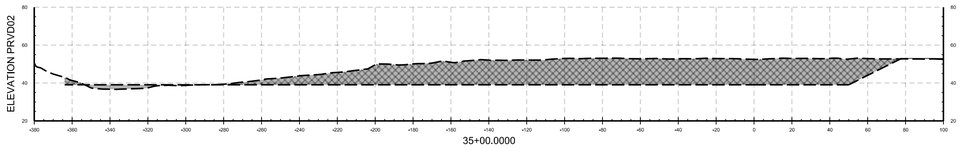
U.S. ARMY CORPS OF ENGINEERS
CHICAGO DISTRICT

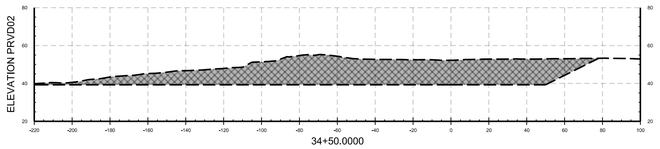
Legend

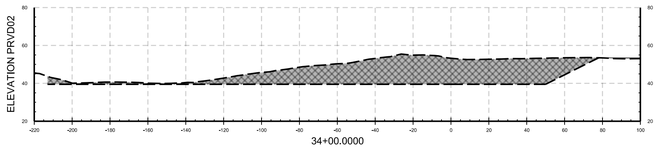
- Floodwall
- Levee
- Berm
- Disposal Area
- Channel Improvements
- Basin
- Diversion Channel
- Diversion Channel Levee
- Levee & Floodwall Footprint

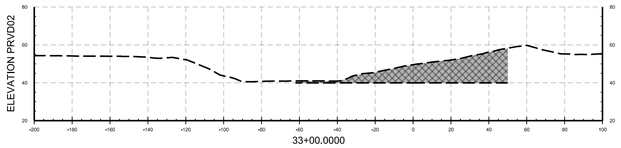


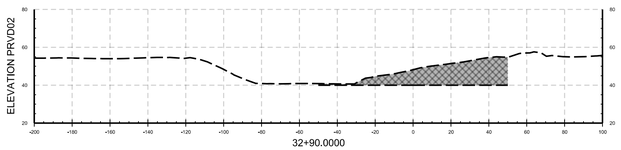












GENERAL NOTES

1. NOTE 1
2. NOTE 2
3. NOTE 3

LEGEND

CUT

FILL

HORIZONTAL SCALE: 0 40' 80'

VERTICAL SCALE: 0 40' 80'

US Army Corps of Engineers®

MARK	DESCRIPTION	DATE

DESIGNED BY: DRS	ISSUE DATE: OCT 2018
DRAWN BY: ARK	SOLICITATION NO.: W912P6-18-B-00XX
CHECKED BY:	CONTRACT NO.: W912P6-18-C-00XX
SUBMITTED BY:	PROJECT ID: 476231
SIZE: ANSI D	FILE NAME: 476231- CG-331.dgn

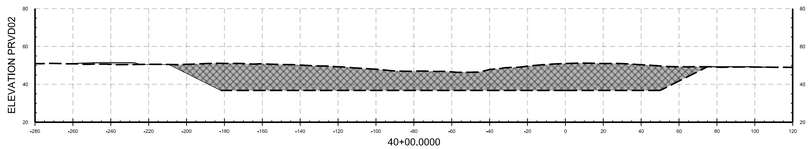
U.S. ARMY CORPS OF ENGINEERS
CHICAGO DISTRICT
231 S. LASALLE ST. SUITE 1500
CHICAGO, ILLINOIS 60604

RIO GUAYANILLA
GUAYANILLA, PUERTO RICO

CROSS SECTIONS
ALTERNATIVE 3

SHEET ID

CG-331



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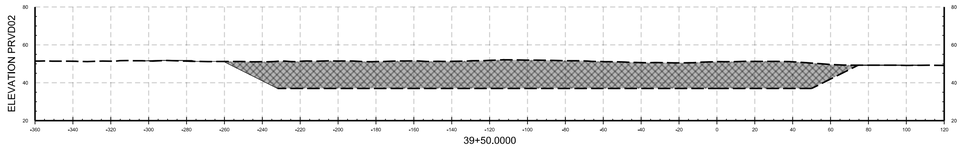

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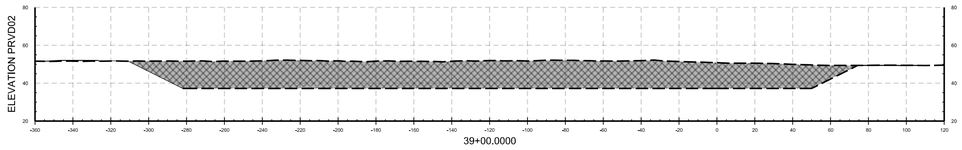

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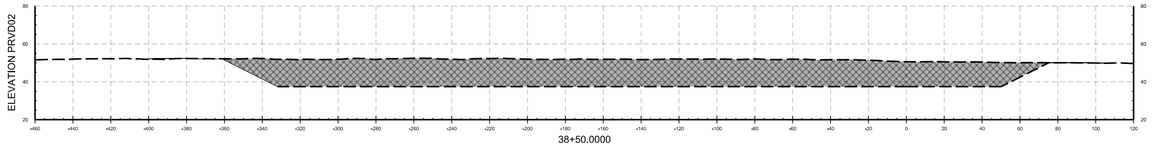

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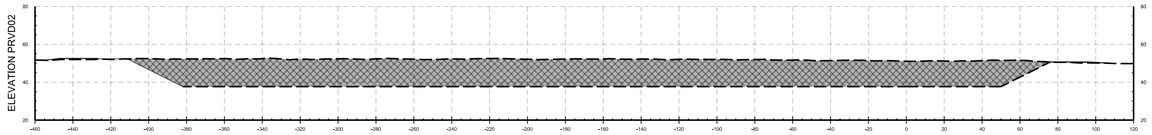

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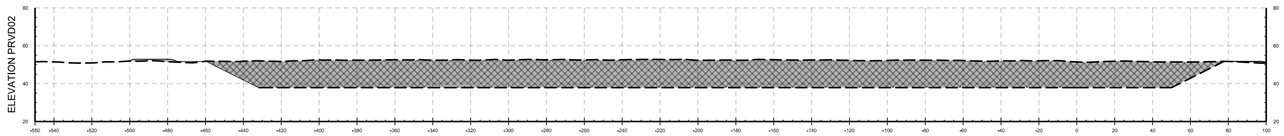

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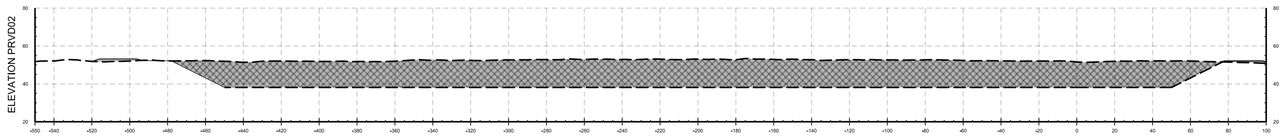

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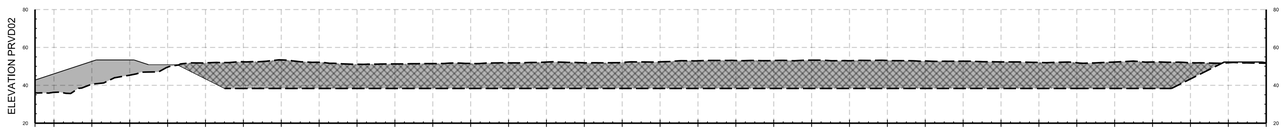


36+50.0000

LEGEND

CUT

FILL

HORIZONTAL SCALE: 0 40' 80'

VERTICAL SCALE: 0 40' 80'

GENERAL NOTES

1. NOTE 1
2. NOTE 2
3. NOTE 3

US Army Corps of Engineers®

MARK	DESCRIPTION	DATE

DESIGNED BY: DRS	ISSUE DATE: OCT 2018
DRAWN BY: ARK	SOLICITATION NO.: W912P6-18-B-00XX
CHECKED BY:	CONTRACT NO.: W912P6-18-C-00XX
SUBMITTED BY:	PROJECT ID: 476231
SIZE: ANSI D	FILE NAME: 476231- CG-332.dgn

U.S. ARMY CORPS OF ENGINEERS
CHICAGO DISTRICT
231 S. LASALLE ST., SUITE 1500
CHICAGO, ILLINOIS 60604

RIO GUAYANILLA
GUAYANILLA, PUERTO RICO

CROSS SECTIONS ALTERNATIVE 3

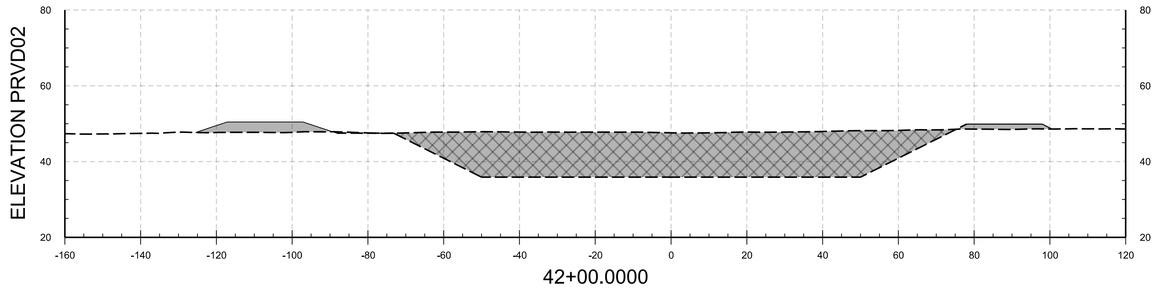
SHEET ID

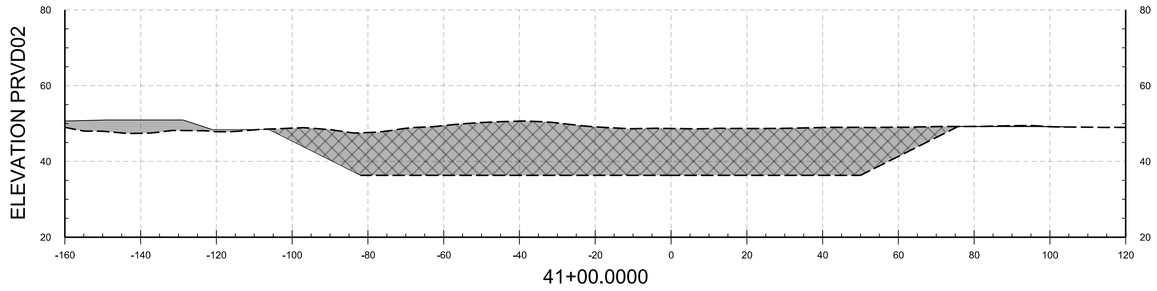
CG-332

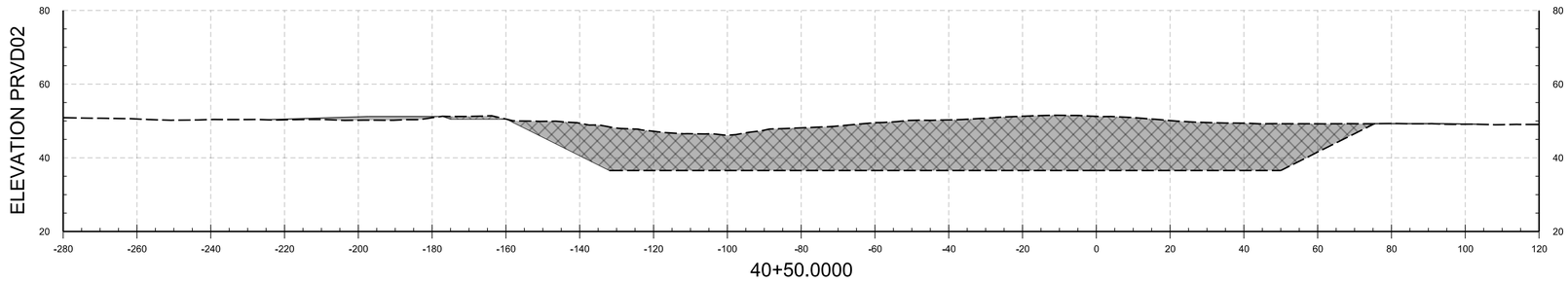
LEGEND

CUT

FILL







HORIZONTAL SCALE: 0 20' 40'

VERTICAL SCALE: 0 10' 20'

US Army Corps of Engineers®

MARK	DESCRIPTION	DATE

DESIGNED BY: DRS	ISSUE DATE: OCT 2018
DRAWN BY: ARK	SOLICITATION NO.: W912P6-18-B-00XX
CHECKED BY:	CONTRACT NO.: W912P6-18-C-00XX
SUBMITTED BY:	PROJECT ID: 476231
SIZE: ANSI D	FILE NAME: 476231- CG-333.dgn

U.S. ARMY CORPS OF ENGINEERS
CHICAGO DISTRICT
231 S. LASALLE ST. SUITE 1500
CHICAGO, ILLINOIS 60604

RIO GUAYANILLA
GUAYANILLA, PUERTO RICO

CROSS SECTIONS ALTERNATIVE 3

SHEET ID

CG-333

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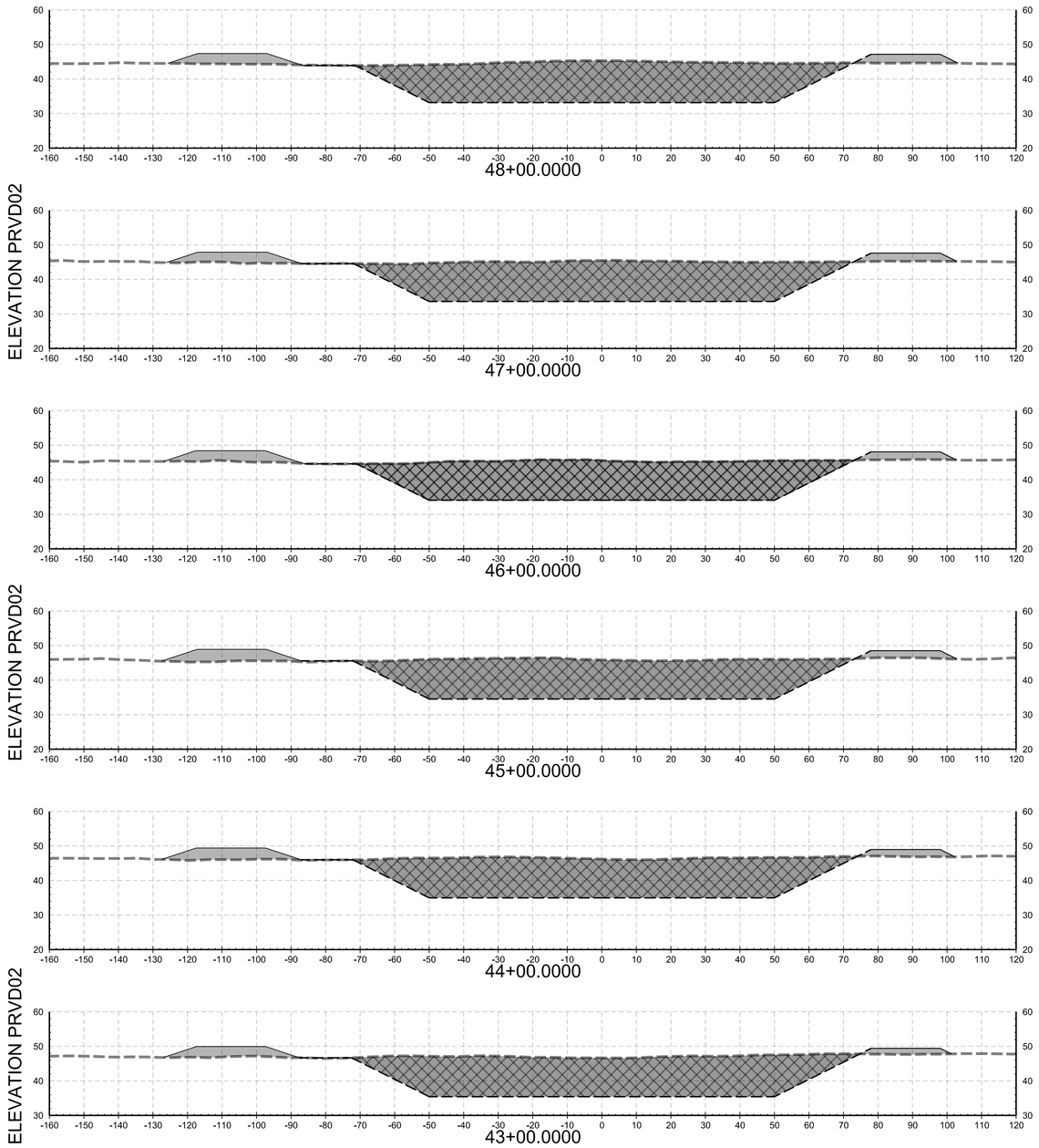

LEGEND

CUT

FILL

HORIZONTAL SCALE: 0 20' 40'

VERTICAL SCALE: 0 10' 20'

US Army Corps of Engineers®

MARK	DESCRIPTION	DATE

DESIGNED BY: DRS	ISSUE DATE: OCT 2018
DRAWN BY: ARK	SOLICITATION NO.: W912P6-18-B-00XX
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SUBMITTED BY:	PROJECT ID: 476231
SIZE: ANSI D	FILE NAME: 476231- CG-334.dgn

U.S. ARMY CORPS OF ENGINEERS
CHICAGO DISTRICT
231 S. LASALLE ST. SUITE 1500
CHICAGO, ILLINOIS 60604

RIO GUAYANILLA
GUAYANILLA, PUERTO RICO

CROSS SECTIONS
ALTERNATIVE 3

SHEET ID

CG-334

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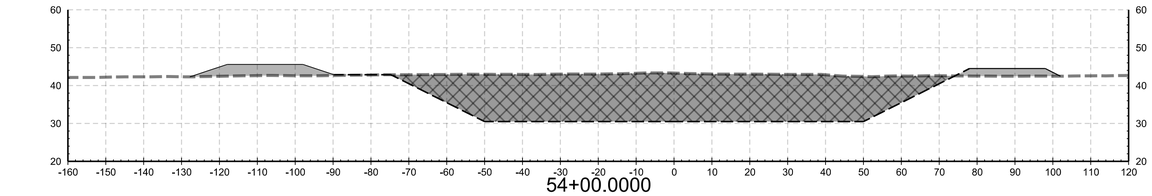
LEGEND

CUT

FILL



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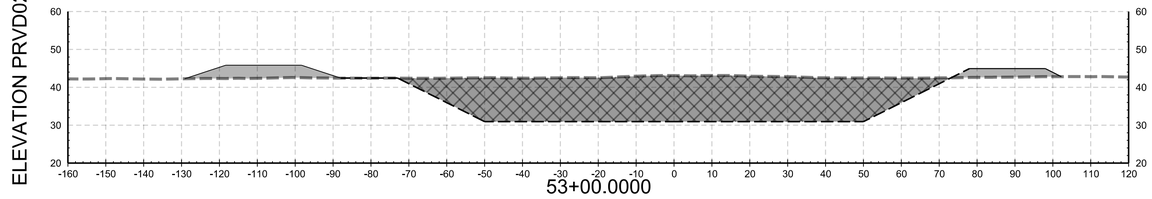

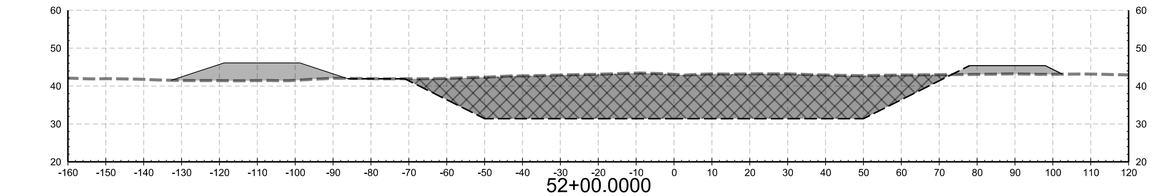

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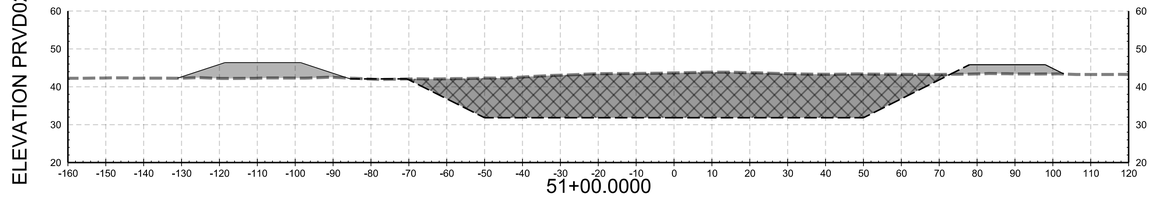

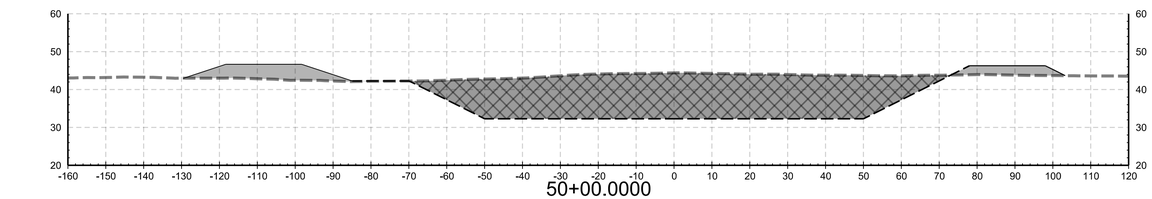

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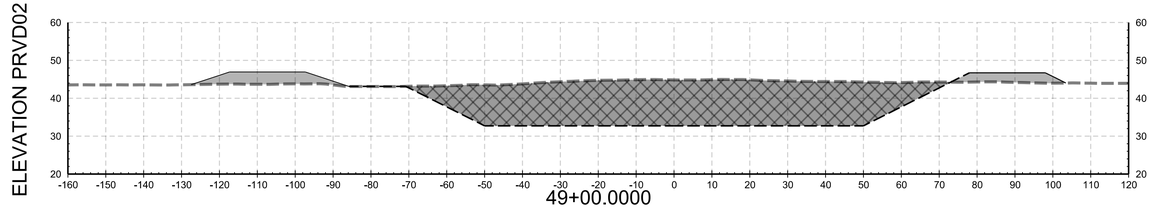


HORIZONTAL SCALE: 0 20' 40'

VERTICAL SCALE: 0 20' 40'

US Army Corps of Engineers®

MARK	DESCRIPTION	DATE

DESIGNED BY: DRS	ISSUE DATE: OCT 2018
DRAWN BY: ARK	SOLICITATION NO.: W912P6-18-B-00XX
CHECKED BY:	CONTRACT NO.: W912P6-18-C-00XX
SUBMITTED BY:	PROJECT ID: 476231
SIZE: ANSI D	FILE NAME: 476231- CG-335.dgn

U.S. ARMY CORPS OF ENGINEERS
CHICAGO DISTRICT
231 S. LASALLE ST. SUITE 1500
CHICAGO, ILLINOIS 60604

RIO GUAYANILLA
GUAYANILLA, PUERTO RICO

CROSS SECTIONS
ALTERNATIVE 3

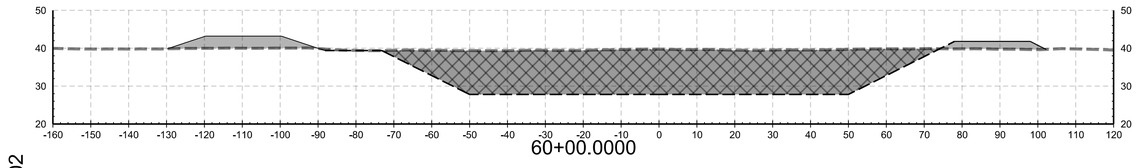
SHEET ID

CG-335

LEGEND

CUT

FILL



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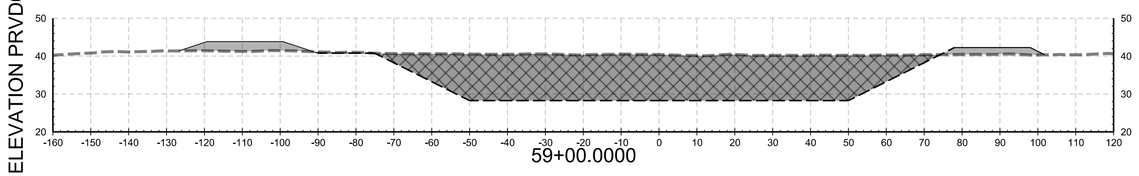

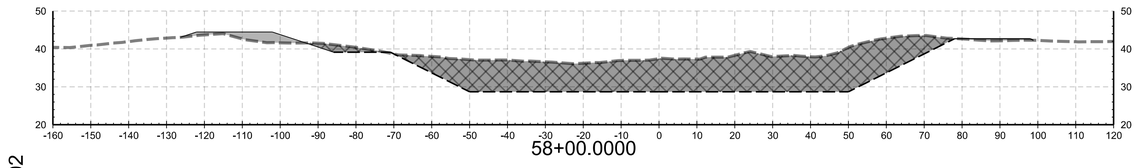

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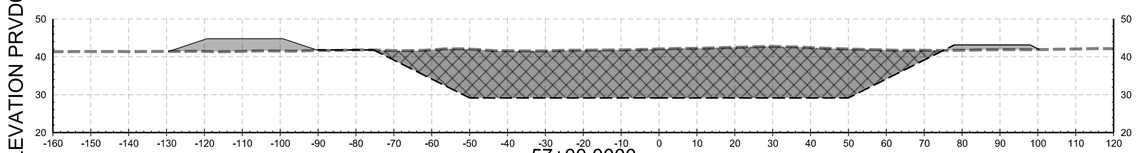

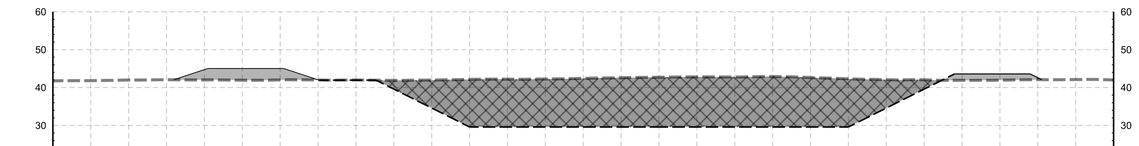

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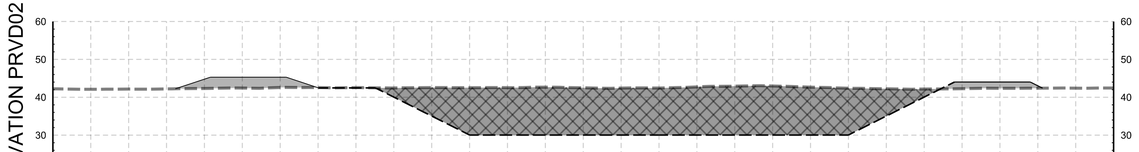


HORIZONTAL SCALE: 0 20' 40'

VERTICAL SCALE: 0 20' 40'

US Army Corps of Engineers®

MARK	DESCRIPTION	DATE

DESIGNED BY: DRS
DRAWN BY: ARK
CHECKED BY:
SUBMITTED BY:
ISSUE DATE: OCT 2018
SOLICITATION NO.: W912P6-18-B-00XX
CONTRACT NO.: W912P6-18-C-00XX
PROJECT ID: 476231
SIZE: ANSI D
FILE NAME: 476231- CG-336.dgn

U.S. ARMY CORPS OF ENGINEERS
CHICAGO DISTRICT
231 S. LASALLE ST. SUITE 1500
CHICAGO, ILLINOIS 60604

RIO GUAYANILLA
GUAYANILLA, PUERTO RICO

CROSS SECTIONS
ALTERNATIVE 3

SHEET ID

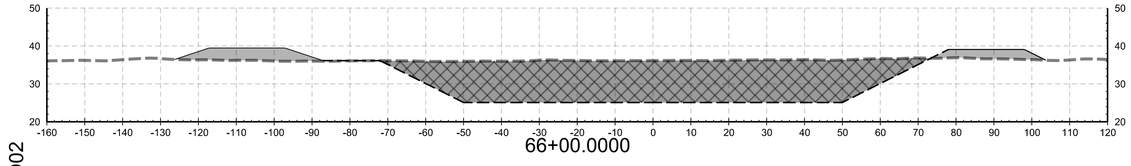
CG-336

LEGEND

CUT

FILL

ELEVATION PRVD02



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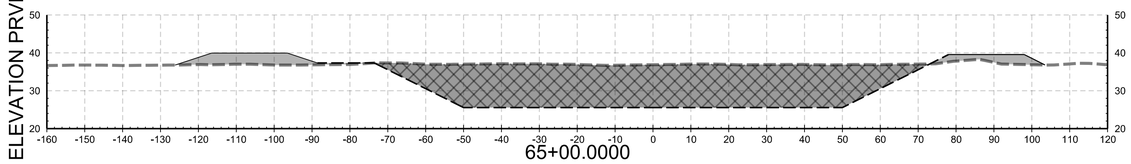

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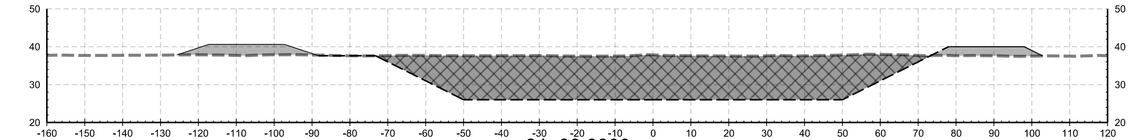

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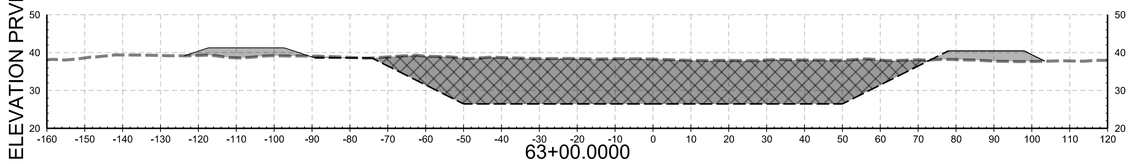

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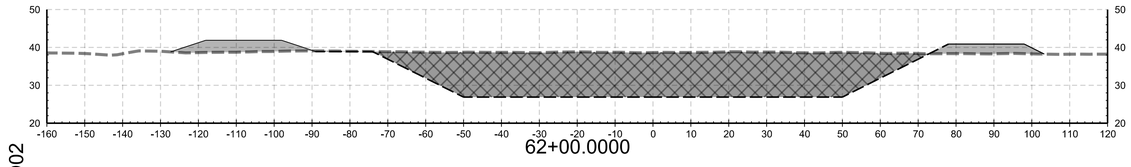

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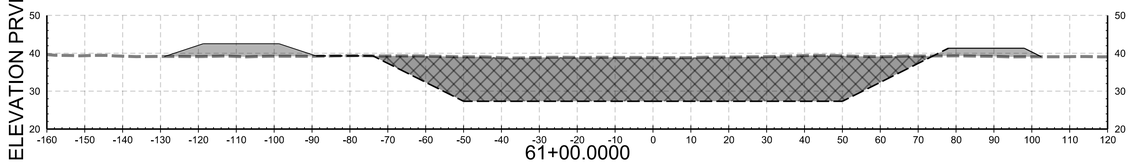

61+00.0000

HORIZONTAL SCALE: 0 20' 40'

VERTICAL SCALE: 0 20' 40'

US Army Corps of Engineers®

MARK	DESCRIPTION	DATE

DESIGNED BY: DRS	ISSUE DATE: OCT 2018
DRAWN BY: ARK	SOLICITATION NO.: W912P6-18-B-00XX
CHECKED BY:	CONTRACT NO.: W912P6-18-C-00XX
SUBMITTED BY:	PROJECT ID: 476231
SIZE: ANSI D	FILE NAME: 476231- CG-337.dgn

U.S. ARMY CORPS OF ENGINEERS
CHICAGO DISTRICT
231 S. LASALLE ST. SUITE 1500
CHICAGO, ILLINOIS 60604

RIO GUAYANILLA
GUAYANILLA, PUERTO RICO

CROSS SECTIONS ALTERNATIVE 3

SHEET ID

CG-337

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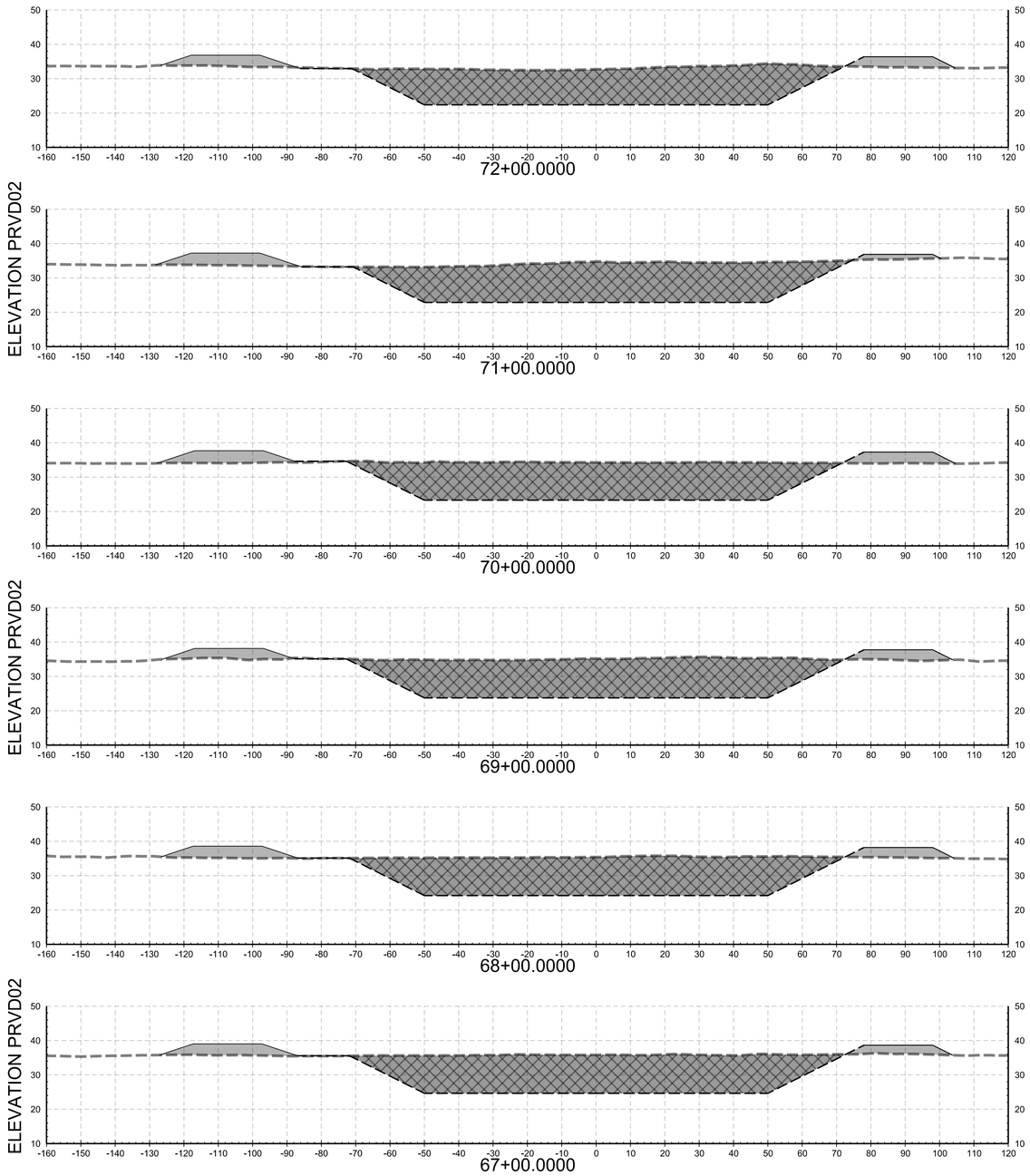

HORIZONTAL SCALE: 0 20' 40'

VERTICAL SCALE: 0 20' 40'

MARK	DESCRIPTION	DATE

US Army Corps of Engineers®

U.S. ARMY CORPS OF ENGINEERS
CHICAGO DISTRICT
231 S. LASALLE ST., SUITE 1500
CHICAGO, ILLINOIS 60604

DESIGNED BY: DRS
DRAWN BY: ARK
CHECKED BY:
SUBMITTED BY:
SIZE: ANSI D
ISSUE DATE: OCT 2018
SOLICITATION NO.: W912P6-18-B-00XX
CONTRACT NO.: W912P6-18-C-00XX
PROJECT ID: 476231
FILE NAME: 476231- CG-338.dgn

RIO GUAYANILLA
GUAYANILLA, PUERTO RICO

CROSS SECTIONS
ALTERNATIVE 3

SHEET ID

CG-338

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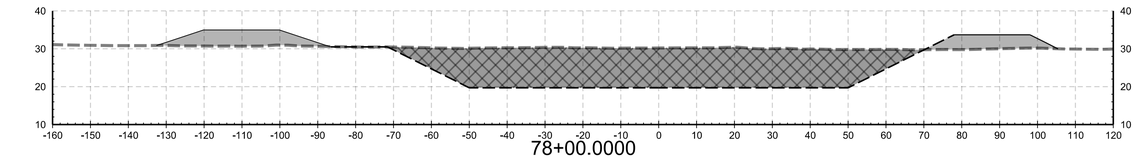
LEGEND

CUT

FILL



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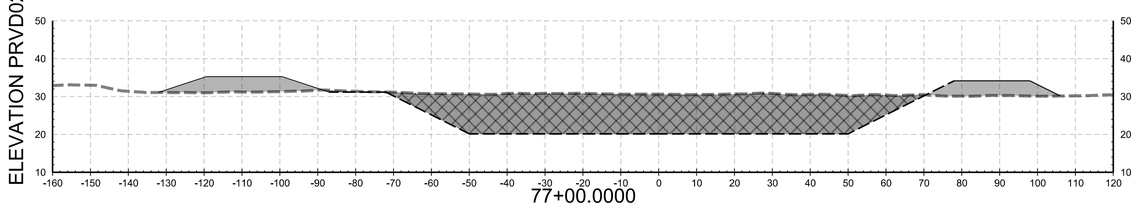

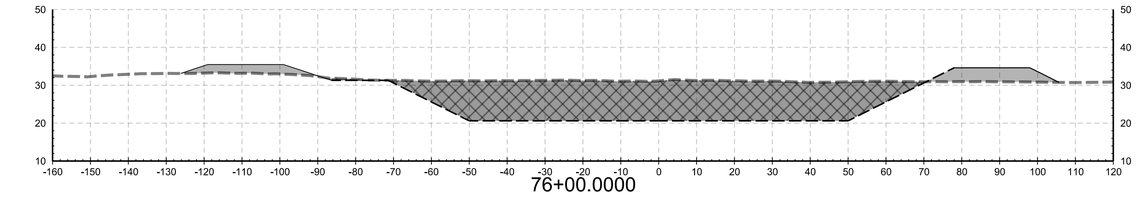

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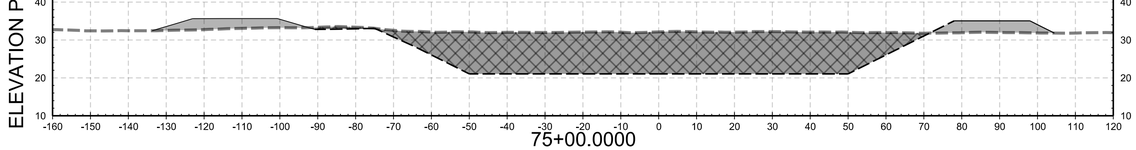

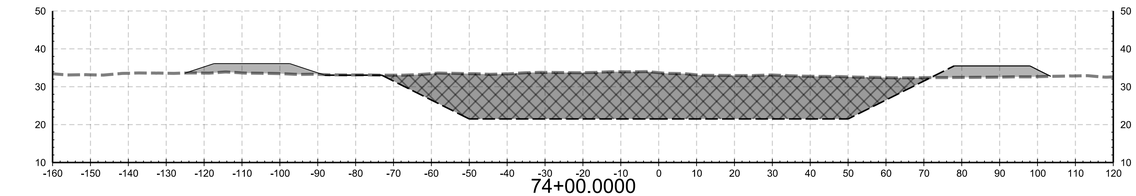

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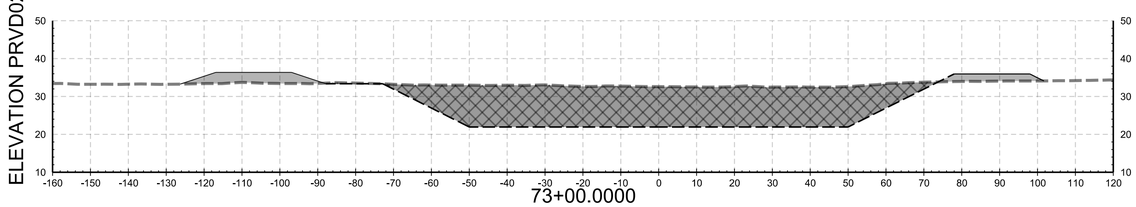

HORIZONTAL SCALE: 0 20' 40'

VERTICAL SCALE: 0 20' 40'

US Army Corps of Engineers®

MARK	DESCRIPTION	DATE

DESIGNED BY: DRS	ISSUE DATE: OCT 2018
DRAWN BY: ARK	SOLICITATION NO.: W912P6-18-B-00XX
CHECKED BY:	CONTRACT NO.: W912P6-18-C-00XX
SUBMITTED BY:	PROJECT ID: 476231
SIZE: ANSI D	FILE NAME: 476231- CG-339.dgn

U.S. ARMY CORPS OF ENGINEERS
CHICAGO DISTRICT
231 S. LASALLE ST. SUITE 1500
CHICAGO, ILLINOIS 60604

RIO GUAYANILLA
GUAYANILLA, PUERTO RICO

CROSS SECTIONS ALTERNATIVE 3

SHEET ID

CG-339

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LEGEND

CUT

FILL

ELEVATION PRVD02

ELEVATION PRVD02

ELEVATION PRVD02

HORIZONTAL SCALE: 0 20' 40'

VERTICAL SCALE: 0 20' 40'

US Army Corps of Engineers®

MARK	DESCRIPTION	DATE

DESIGNED BY: DRS	ISSUE DATE: OCT 2018
DRAWN BY: ARK	SOLICITATION NO.: W912P6-18-B-00XX
CHECKED BY:	CONTRACT NO.: W912P6-18-C-00XX
SUBMITTED BY:	PROJECT ID: 476231
SIZE: ANSI D	FILE NAME: 476231- CG-340.dgn

U.S. ARMY CORPS OF ENGINEERS
CHICAGO DISTRICT
231 S. LASALLE ST. SUITE 1500
CHICAGO, ILLINOIS 60604

RIO GUAYANILLA
GUAYANILLA, PUERTO RICO

CROSS SECTIONS
ALTERNATIVE 3

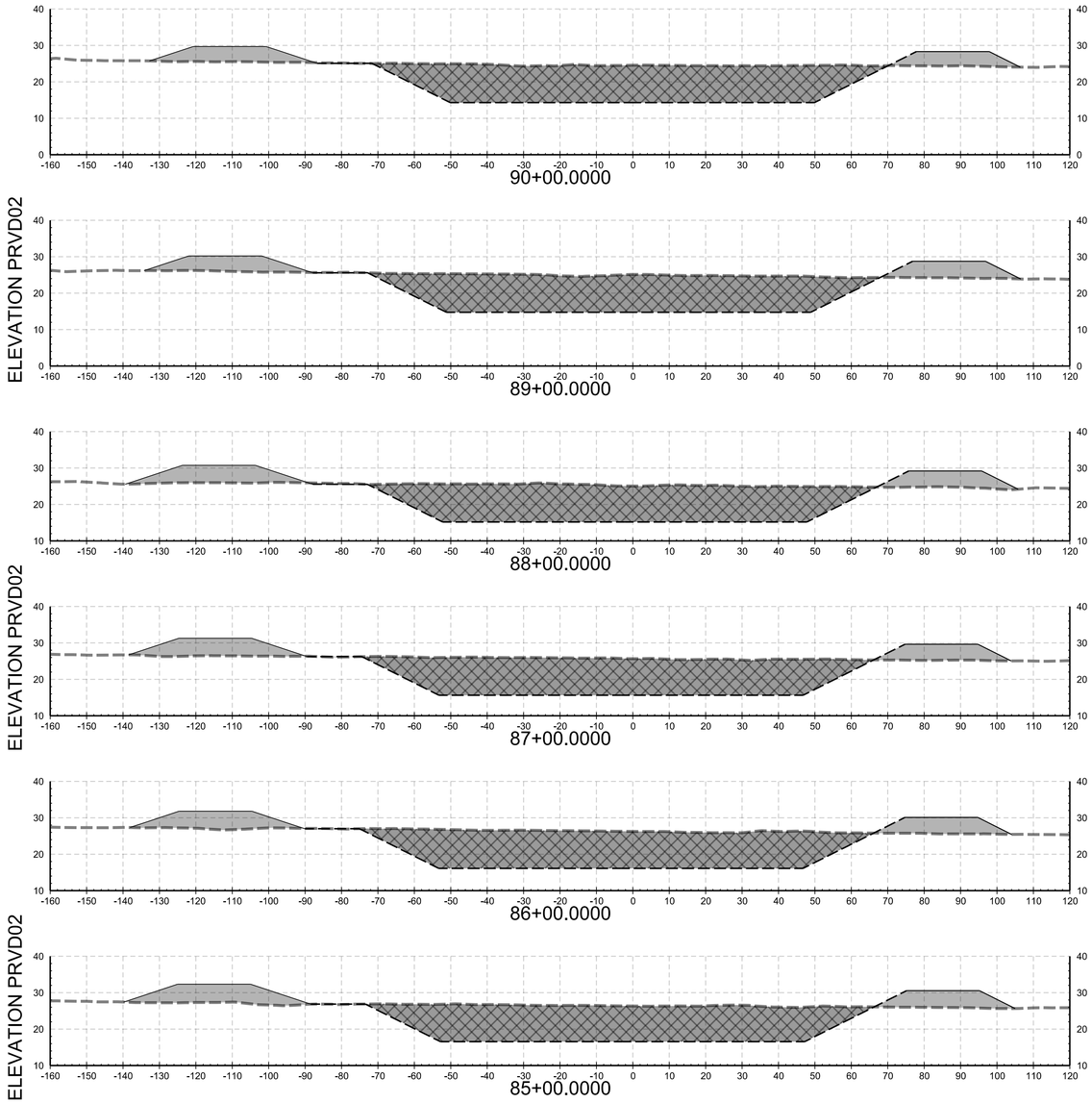
SHEET ID

CG-340

LEGEND

CUT

FILL



HORIZONTAL SCALE: 0 20' 40'

VERTICAL SCALE: 0 20' 40'

US Army Corps of Engineers®

MARK	DESCRIPTION	DATE

DESIGNED BY: DRS
DRAWN BY: ARK
CHECKED BY:
SUBMITTED BY:
ISSUE DATE: OCT 2018
SOLICITATION NO.: W912P6-18-B-00XX
CONTRACT NO.: W912P6-18-C-00XX
PROJECT ID: 476231
SIZE: ANSI D
FILE NAME: 476231- CG-341.dgn

U.S. ARMY CORPS OF ENGINEERS
CHICAGO DISTRICT
231 S. LASALLE ST., SUITE 1500
CHICAGO, ILLINOIS 60604

RIO GUAYANILLA
GUAYANILLA, PUERTO RICO

CROSS SECTIONS
ALTERNATIVE 3

SHEET ID

CG-341

US Army Corps of Engineers®

MARK	DESCRIPTION	DATE

DESIGNED BY: DRS	ISSUE DATE: OCT 2018
DRAWN BY: ARK	SOLICITATION NO.: W912P6-18-B-00XX
CHECKED BY:	CONTRACT NO.: W912P6-18-C-00XX
SUBMITTED BY:	PROJECT ID: 476231
SIZE: ANSI D	FILE NAME: 476231- CG-342.dgn

U.S. ARMY CORPS OF ENGINEERS
CHICAGO DISTRICT
231 S. LASALLE ST. SUITE 1500
CHICAGO, ILLINOIS 60604

RIO GUAYANILLA
GUAYANILLA, PUERTO RICO

CROSS SECTIONS ALTERNATIVE 3

SHEET ID

CG-342

LEGEND

CUT

FILL

HORIZONTAL SCALE: 0 20' 40'

VERTICAL SCALE: 0 20' 40'

US Army Corps of Engineers®

MARK	DESCRIPTION	DATE

DESIGNED BY: DRS	ISSUE DATE: OCT 2018
DRAWN BY: ARK	SOLICITATION NO.: W912P6-18-B-00XX
CHECKED BY:	CONTRACT NO.: W912P6-18-C-00XX
SUBMITTED BY:	PROJECT ID: 476231
SIZE: ANSI D	FILE NAME: 476231- CG-343.dgn

U.S. ARMY CORPS OF ENGINEERS
CHICAGO DISTRICT
231 S. LASALLE ST. SUITE 1500
CHICAGO, ILLINOIS 60604

RIO GUAYANILLA
GUAYANILLA, PUERTO RICO

CROSS SECTIONS ALTERNATIVE 3

SHEET ID

CG-343

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LEGEND

CUT

FILL

HORIZONTAL SCALE: 0 20' 40'

VERTICAL SCALE: 0 20' 40'

US Army Corps of Engineers®

MARK	DESCRIPTION	DATE

DESIGNED BY: DRS	ISSUE DATE: OCT 2018
DRAWN BY: ARK	SOLICITATION NO.: W912P6-18-B-00XX
CHECKED BY:	CONTRACT NO.: W912P6-18-C-00XX
SUBMITTED BY:	PROJECT ID: 476231
SIZE: ANSI D	FILE NAME: 476231- CG-344.dgn

U.S. ARMY CORPS OF ENGINEERS
CHICAGO DISTRICT
231 S. LASALLE ST. SUITE 1500
CHICAGO, ILLINOIS 60604

RIO GUAYANILLA
GUAYANILLA, PUERTO RICO

CROSS SECTIONS ALTERNATIVE 3

SHEET ID

CG-344

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LEGEND

CUT

FILL

HORIZONTAL SCALE: 0 20' 40'

VERTICAL SCALE: 0 20' 40'

US Army Corps of Engineers®

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DESIGNED BY: DRS	ISSUE DATE: OCT 2018
DRAWN BY: ARK	SOLICITATION NO.: W912P6-18-B-00XX
CHECKED BY:	CONTRACT NO.: W912P6-18-C-00XX
SUBMITTED BY:	PROJECT ID: 476231
SIZE: ANSI D	FILE NAME: 476231- CG-345.dgn

U.S. ARMY CORPS OF ENGINEERS
CHICAGO DISTRICT
231 S. LASALLE ST. SUITE 1500
CHICAGO, ILLINOIS 60604

RIO GUAYANILLA
GUAYANILLA, PUERTO RICO

CROSS SECTIONS ALTERNATIVE 3

SHEET ID

CG-345

LEGEND

CUT

FILL

HORIZONTAL SCALE: 0 20' 40'

VERTICAL SCALE: 0 20' 40'

US Army Corps of Engineers®

MARK	DESCRIPTION	DATE

DESIGNED BY: DRS	ISSUE DATE: OCT 2018
DRAWN BY: ARK	SOLICITATION NO.: W912P6-18-B-00XX
CHECKED BY:	CONTRACT NO.: W912P6-18-C-00XX
SUBMITTED BY:	PROJECT ID: 476231
SIZE: ANSI D	FILE NAME: 476231- CG-346.dgn

U.S. ARMY CORPS OF ENGINEERS
CHICAGO DISTRICT
231 S. LASALLE ST. SUITE 1500
CHICAGO, ILLINOIS 60604

RIO GUAYANILLA
GUAYANILLA, PUERTO RICO

CROSS SECTIONS ALTERNATIVE 3

SHEET ID

CG-346

LEGEND

CUT

FILL

HORIZONTAL SCALE: 0 20' 40'

VERTICAL SCALE: 0 20' 40'

US Army Corps of Engineers®

MARK	DESCRIPTION	DATE

DESIGNED BY: DRS	ISSUE DATE: OCT 2018
DRAWN BY: ARK	SOLICITATION NO.: W912P6-18-B-00XX
CHECKED BY:	CONTRACT NO.: W912P6-18-C-00XX
SUBMITTED BY:	PROJECT ID: 476231
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U.S. ARMY CORPS OF ENGINEERS
CHICAGO DISTRICT
231 S. LASALLE ST. SUITE 1500
CHICAGO, ILLINOIS 60604

RIO GUAYANILLA
GUAYANILLA, PUERTO RICO

CROSS SECTIONS ALTERNATIVE 3

SHEET ID

CG-347

LEGEND

CUT

FILL

HORIZONTAL SCALE: 0 20' 40'

VERTICAL SCALE: 0 20' 40'

US Army Corps of Engineers®

MARK	DESCRIPTION	DATE

DESIGNED BY: DRS	ISSUE DATE: OCT 2018
DRAWN BY: ARK	SOLICITATION NO.: W912P6-18-B-00XX
CHECKED BY:	CONTRACT NO.: W912P6-18-C-00XX
SUBMITTED BY:	PROJECT ID: 476231
SIZE: ANSI D	FILE NAME: 476231- CG-348.dgn

U.S. ARMY CORPS OF ENGINEERS
CHICAGO DISTRICT
231 S. LASALLE ST. SUITE 1500
CHICAGO, ILLINOIS 60604

RIO GUAYANILLA
GUAYANILLA, PUERTO RICO

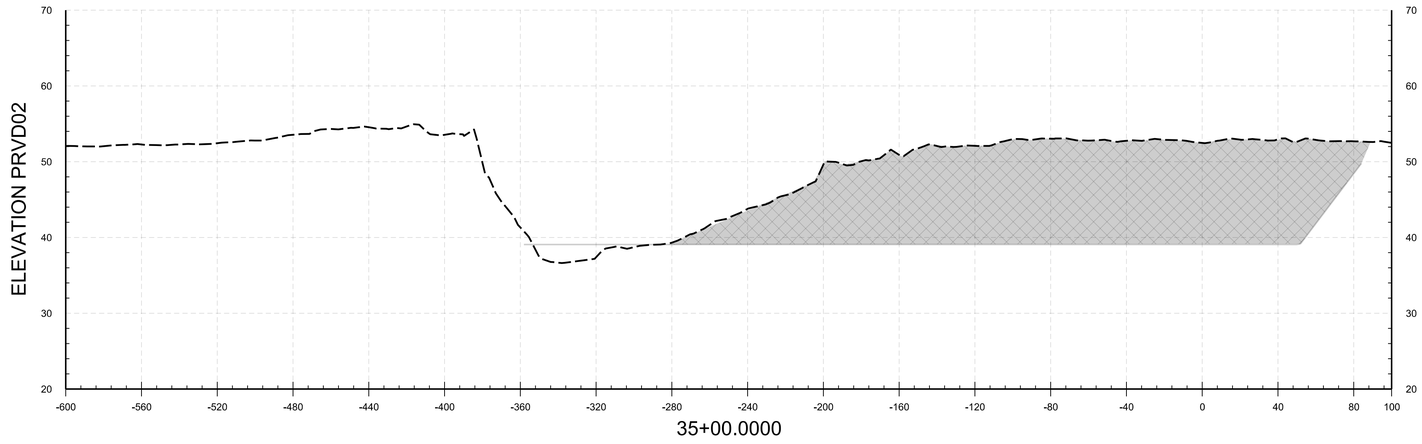
CROSS SECTIONS ALTERNATIVE 3

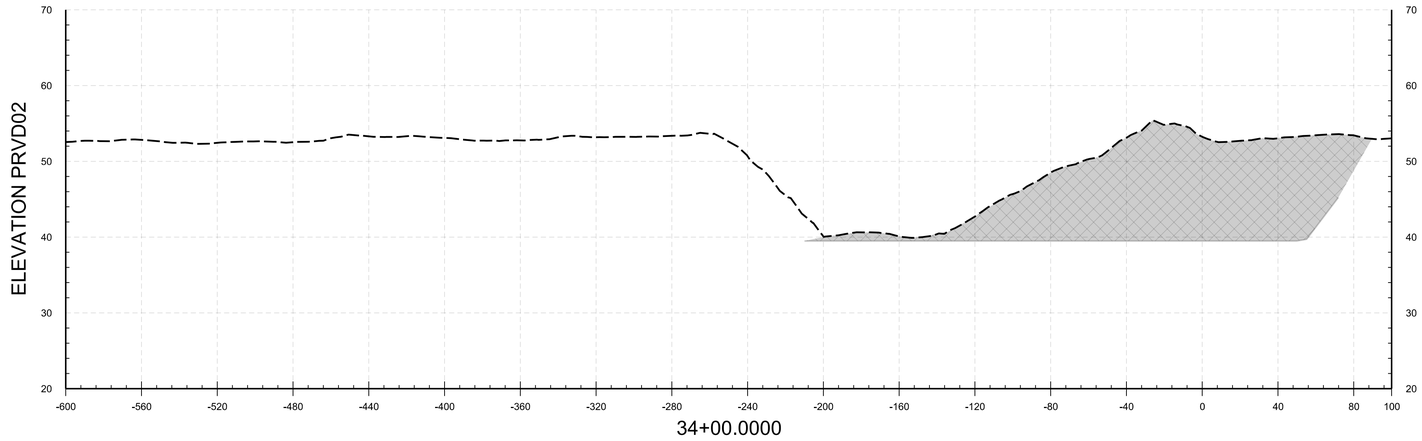
SHEET ID

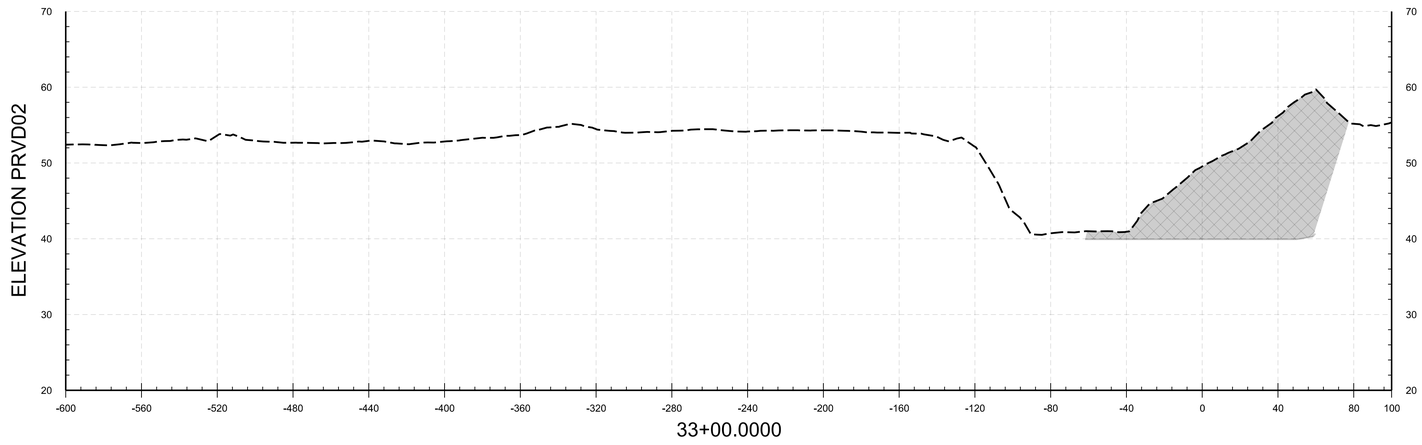
CG-348

GENERAL NOTES

1. NOTE 1
2. NOTE 2
3. NOTE 3







LEGEND

CUT

FILL

HORIZONTAL SCALE: 0 40' 80'

VERTICAL SCALE: 0 10' 20'

US Army Corps of Engineers®

MARK	DESCRIPTION	DATE

ISSUE DATE: OCT 2018
SOLICITATION NO.: W912P6-18-B-00XX
CONTRACT NO.: W912P6-18-C-00XX
PROJECT ID: 476231
FILE NAME: 476231- CG-350.dgn

DESIGNED BY: DRS
DRAWN BY: ARK
CHECKED BY:
SUBMITTED BY:
SIZE: ANSI D

U.S. ARMY CORPS OF ENGINEERS
CHICAGO DISTRICT
231 S. LASALLE ST. SUITE 1500
CHICAGO, ILLINOIS 60604

RIO GUAYANILLA
GUAYANILLA, PUERTO RICO

CROSS SECTIONS ALTERNATIVE 6

SHEET ID

CG-350

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GENERAL NOTES

1. NOTE 1
2. NOTE 2
3. NOTE 3

LEGEND

CUT

FILL

HORIZONTAL SCALE: 0 40' 80'

VERTICAL SCALE: 0 10' 20'

US Army Corps of Engineers®

MARK	DESCRIPTION	DATE

DESIGNED BY: DRS	ISSUE DATE: OCT 2018
DRAWN BY: ARK	SOLICITATION NO.: W912P6-18-B-00XX
CHECKED BY:	CONTRACT NO.: W912P6-18-C-00XX
SUBMITTED BY:	PROJECT ID: 476231
SIZE: ANSI D	FILE NAME: 476231- CG-351.dgn

U.S. ARMY CORPS OF ENGINEERS
CHICAGO DISTRICT
231 S. LASALLE ST. SUITE 1500
CHICAGO, ILLINOIS 60604

RIO GUAYANILLA
GUAYANILLA, PUERTO RICO

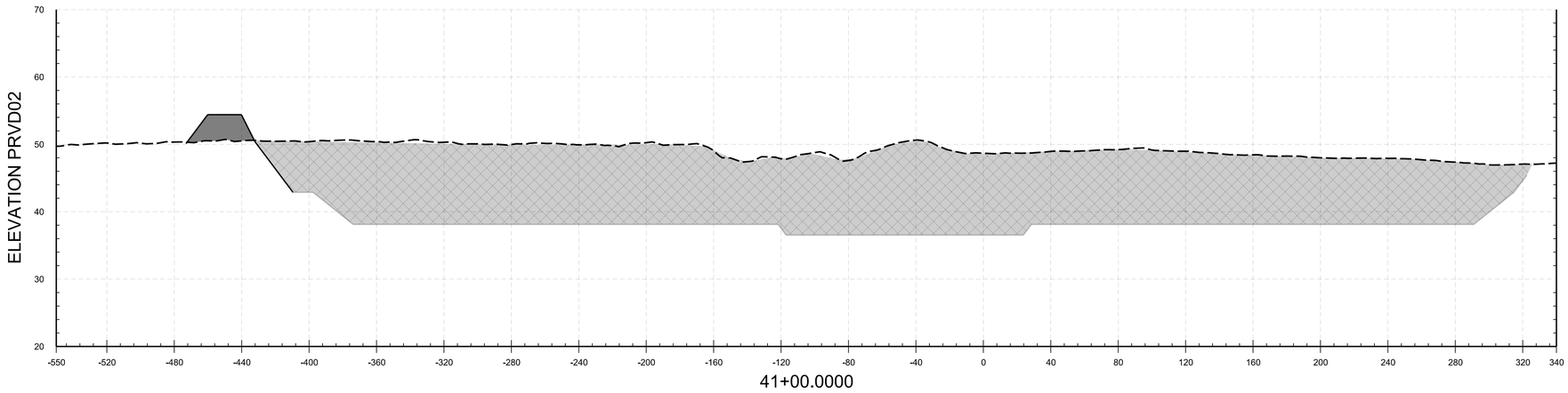
CROSS SECTIONS ALTERNATIVE 6

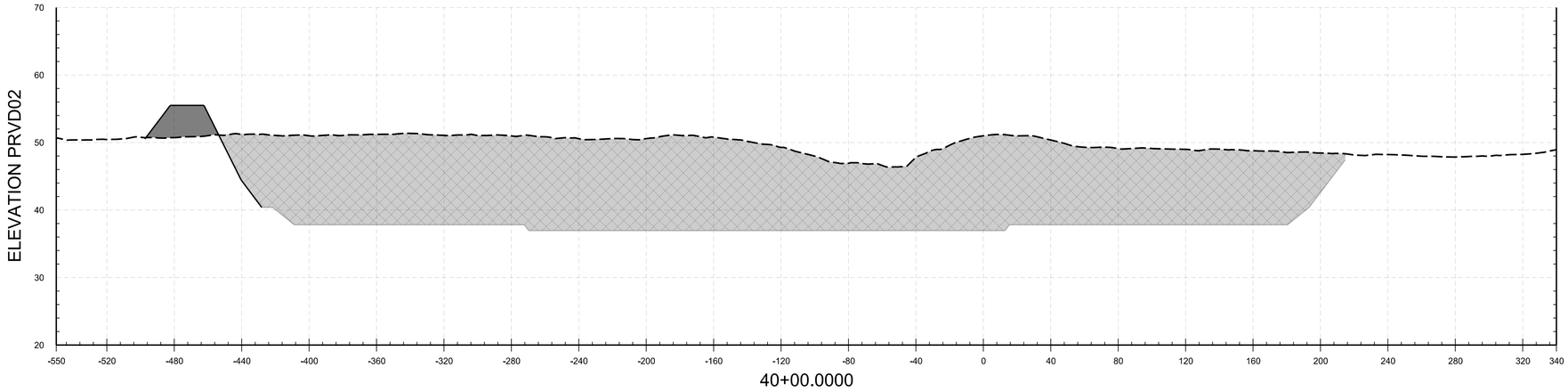
SHEET ID

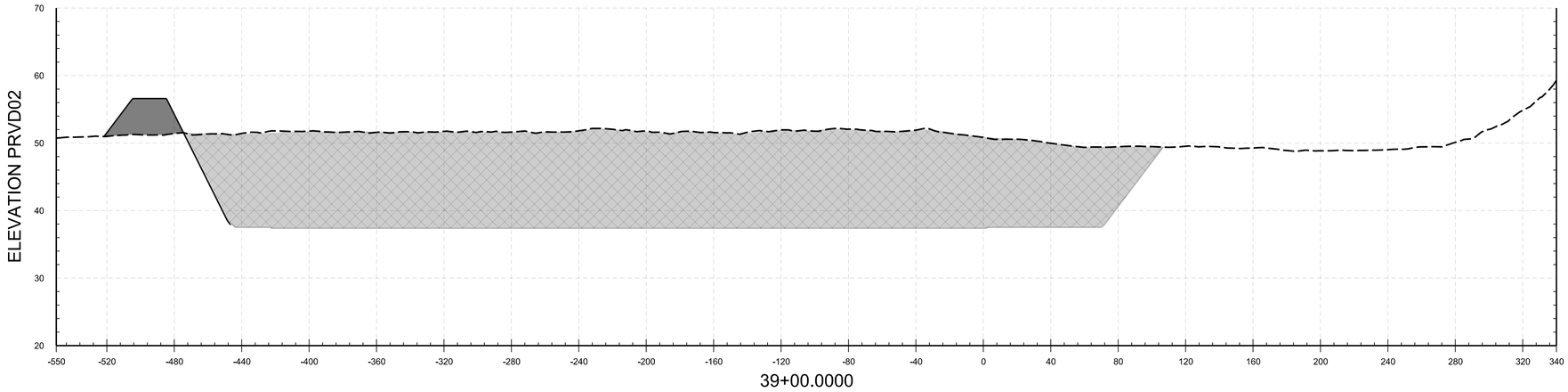
CG-351

GENERAL NOTES

1. NOTE 1
2. NOTE 2
3. NOTE 3







LEGEND

CUT

FILL

HORIZONTAL SCALE: 0 40' 80'

VERTICAL SCALE: 0 10' 20'

US Army Corps of Engineers®

MARK	DESCRIPTION	DATE

ISSUE DATE: OCT 2018
SOLICITATION NO.: W912P6-18-B-00XX
CONTRACT NO.: W912P6-18-C-00XX
PROJECT ID: 476231
FILE NAME: 476231- CG-352.dgn
SIZE: ANSI D

DESIGNED BY: DRS
DRAWN BY: ARK
CHECKED BY:
SUBMITTED BY:

U.S. ARMY CORPS OF ENGINEERS
CHICAGO DISTRICT
231 S. LASALLE ST. SUITE 1500
CHICAGO, ILLINOIS 60604

RIO GUAYANILLA
GUAYANILLA, PUERTO RICO

CROSS SECTIONS
ALTERNATIVE 6

SHEET ID

CG-352

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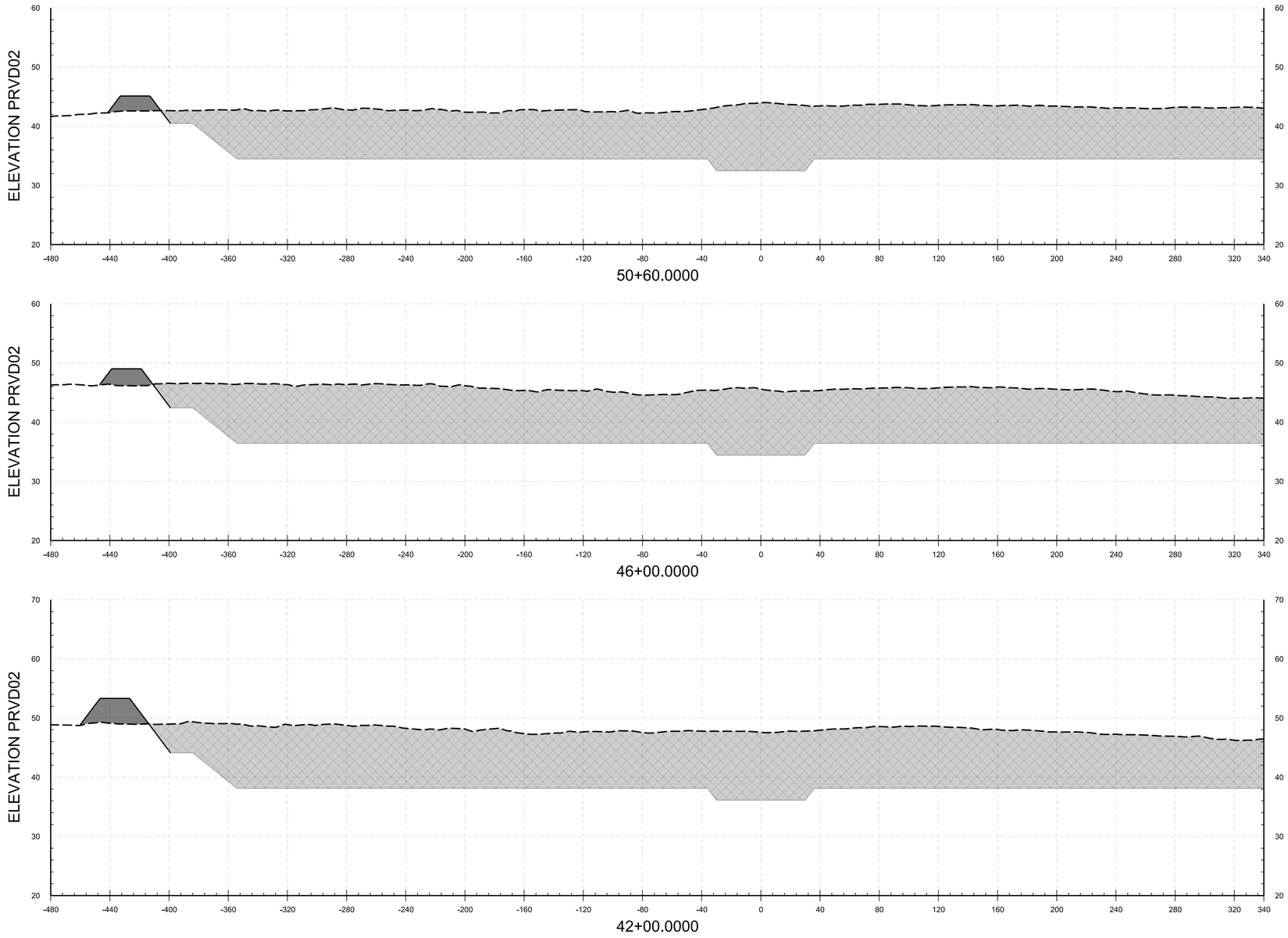
GENERAL NOTES

1. NOTE 1
2. NOTE 2
3. NOTE 3



LEGEND

CUT

FILL

HORIZONTAL SCALE: 0 40' 80'

VERTICAL SCALE: 0 10' 20'

US Army Corps of Engineers®

MARK	DESCRIPTION	DATE

DESIGNED BY: DRS
DRAWN BY: ARK
CHECKED BY:
SUBMITTED BY:
SIZE: ANSI D
ISSUE DATE: OCT 2018
SOLICITATION NO.: W912P6-18-B-00XX
CONTRACT NO.: W912P6-18-C-00XX
PROJECT ID: 476231
FILE NAME: 476231- CG-353.dgn

U.S. ARMY CORPS OF ENGINEERS
CHICAGO DISTRICT
231 S. LASALLE ST. SUITE 1500
CHICAGO, ILLINOIS 60604

RIO GUAYANILLA
GUAYANILLA, PUERTO RICO

CROSS SECTIONS
ALTERNATIVE 6

SHEET ID

CG-353

...\Rio Guayanilla, PR - 476231\40 - Geospatial Data\Drawings\CAD_BIM_Sheets\476231- CG-353.dgn
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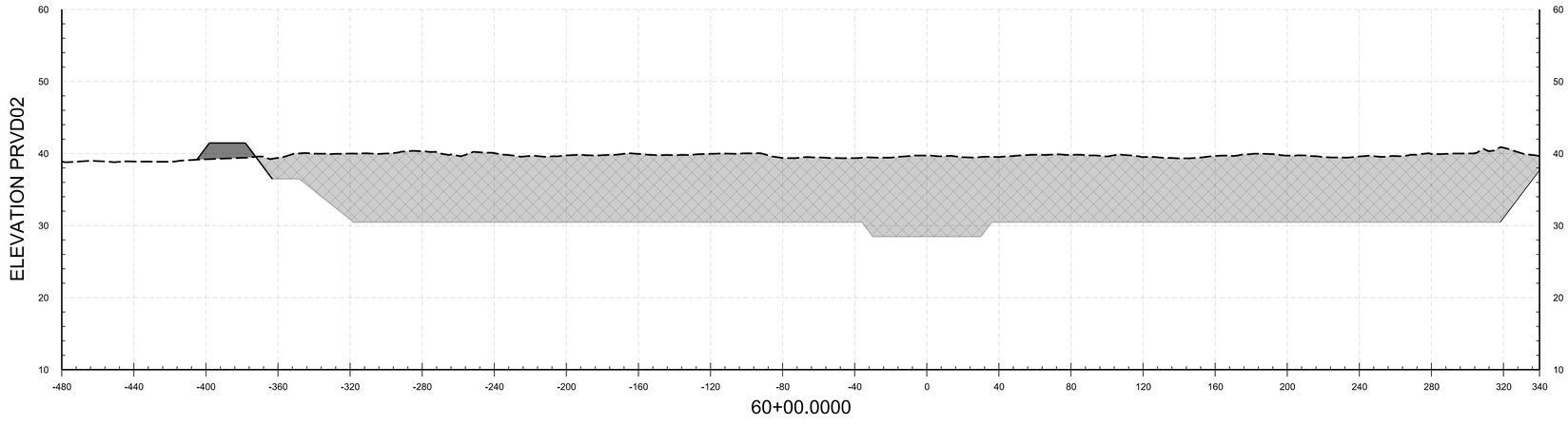
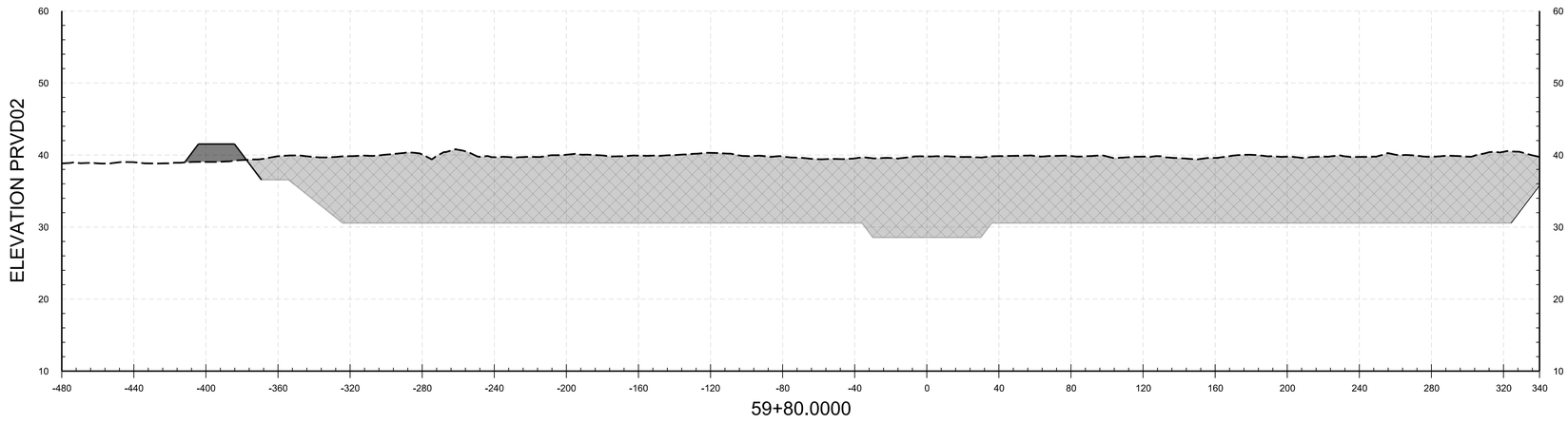
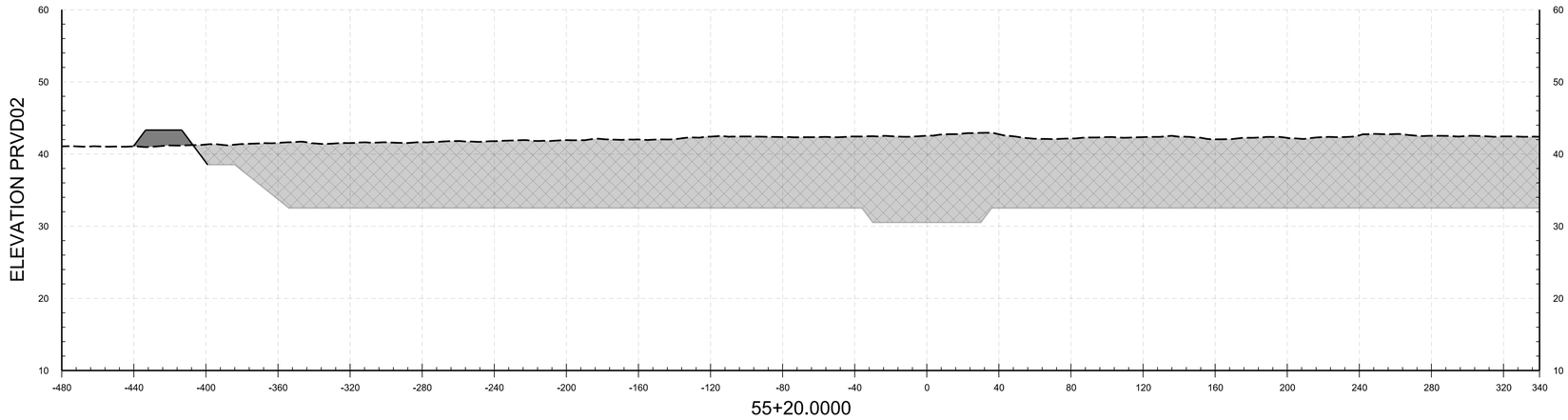
GENERAL NOTES

1. NOTE 1
2. NOTE 2
3. NOTE 3







LEGEND

CUT

FILL

HORIZONTAL SCALE: 0 40' 80'

VERTICAL SCALE: 0 10' 20'

US Army Corps of Engineers®

MARK	DESCRIPTION	DATE

DESIGNED BY: DRS
DRAWN BY: ARK
CHECKED BY:
SUBMITTED BY:
ISSUE DATE: OCT 2018
SOLICITATION NO.: W912P6-18-B-00XX
CONTRACT NO.: W912P6-18-C-00XX
PROJECT ID: 476231
SIZE: ANSI D
FILE NAME: 476231- CG-354.dgn

U.S. ARMY CORPS OF ENGINEERS
CHICAGO DISTRICT
231 S. LASALLE ST. SUITE 1500
CHICAGO, ILLINOIS 60604

RIO GUAYANILLA
GUAYANILLA, PUERTO RICO

CROSS SECTIONS ALTERNATIVE 6

SHEET ID

CG-354

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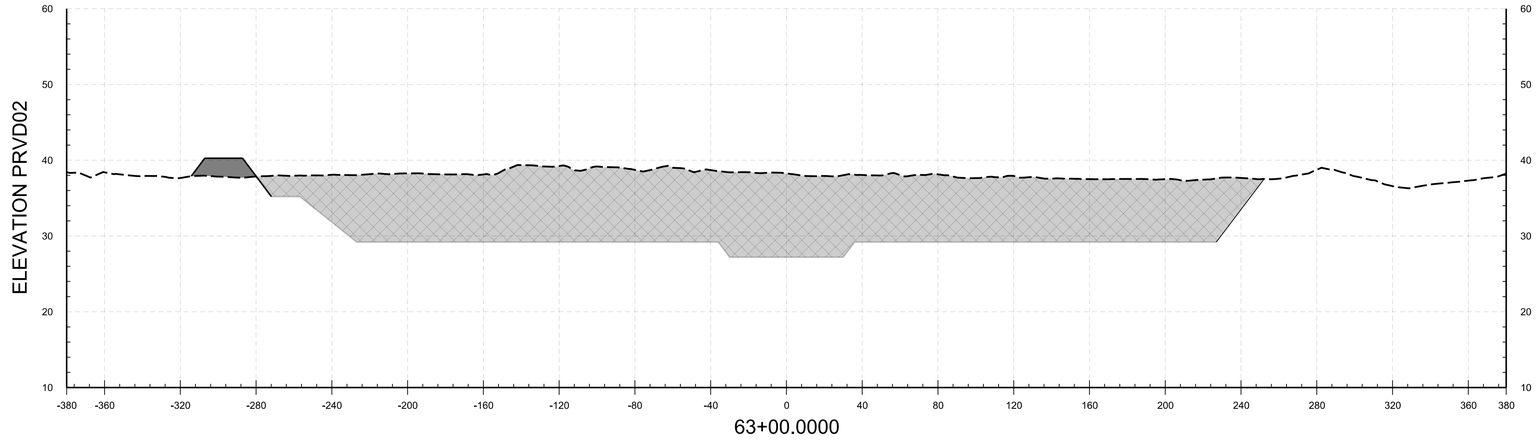
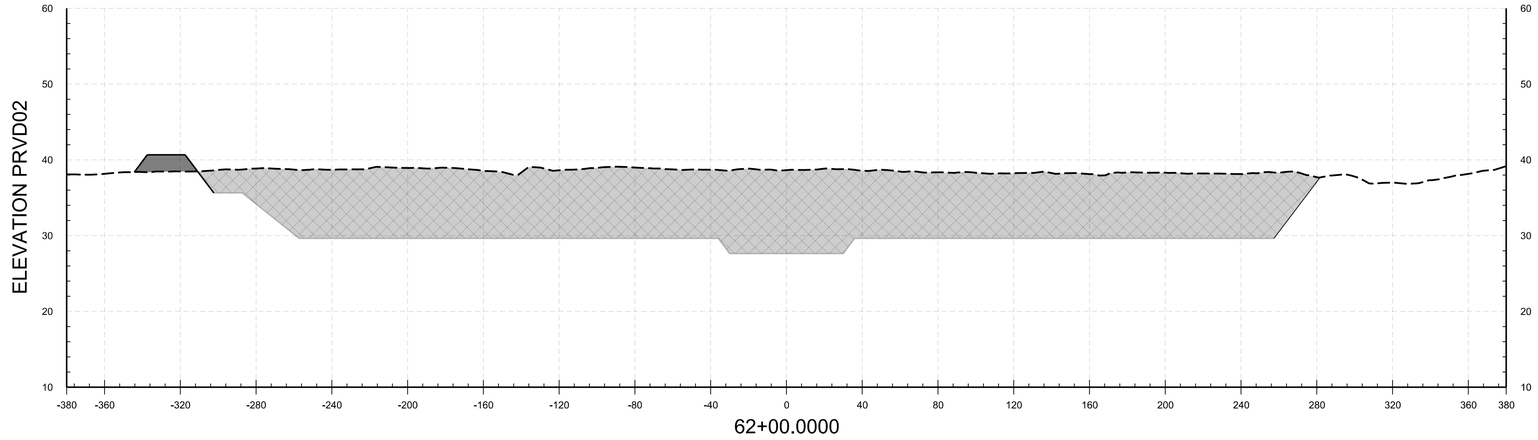
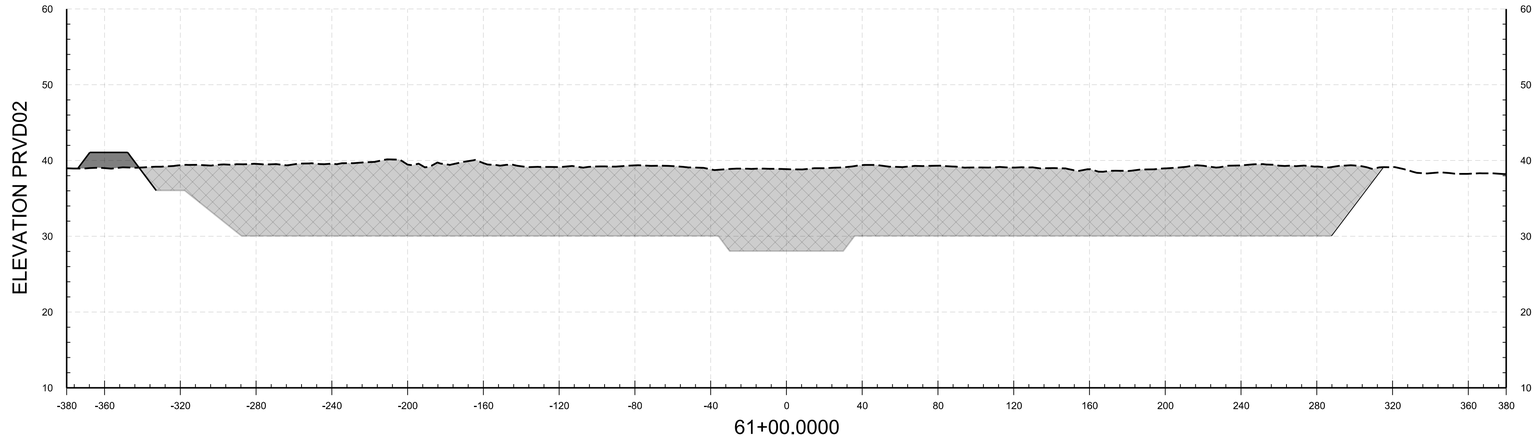
GENERAL NOTES

1. NOTE 1
2. NOTE 2
3. NOTE 3







LEGEND

CUT

FILL

HORIZONTAL SCALE: 0 40' 80'

VERTICAL SCALE: 0 10' 20'

US Army Corps of Engineers®

MARK	DESCRIPTION	DATE

DESIGNED BY: DRS
DRAWN BY: ARK
CHECKED BY:
SUBMITTED BY:
ISSUE DATE: OCT 2018
SOLICITATION NO.: W912P6-18-B-00XX
CONTRACT NO.: W912P6-18-C-00XX
PROJECT ID: 476231
SIZE: ANSI D
FILE NAME: 476231- CG-355.dgn

U.S. ARMY CORPS OF ENGINEERS
CHICAGO DISTRICT
231 S. LASALLE ST., SUITE 1500
CHICAGO, ILLINOIS 60604

RIO GUAYANILLA
GUAYANILLA, PUERTO RICO

CROSS SECTIONS ALTERNATIVE 6

SHEET ID

CG-355

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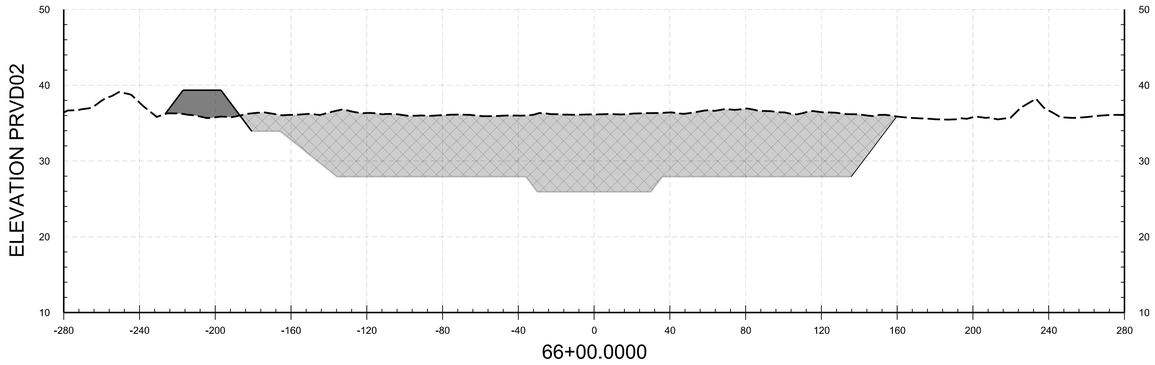
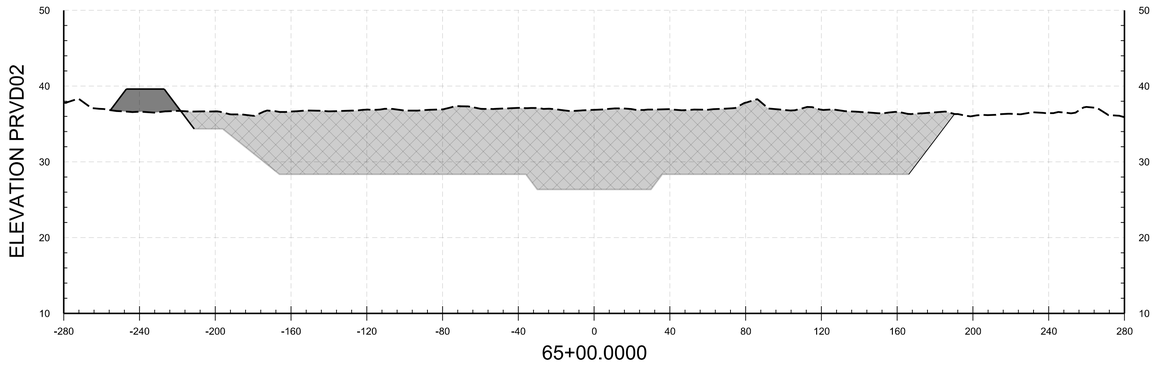
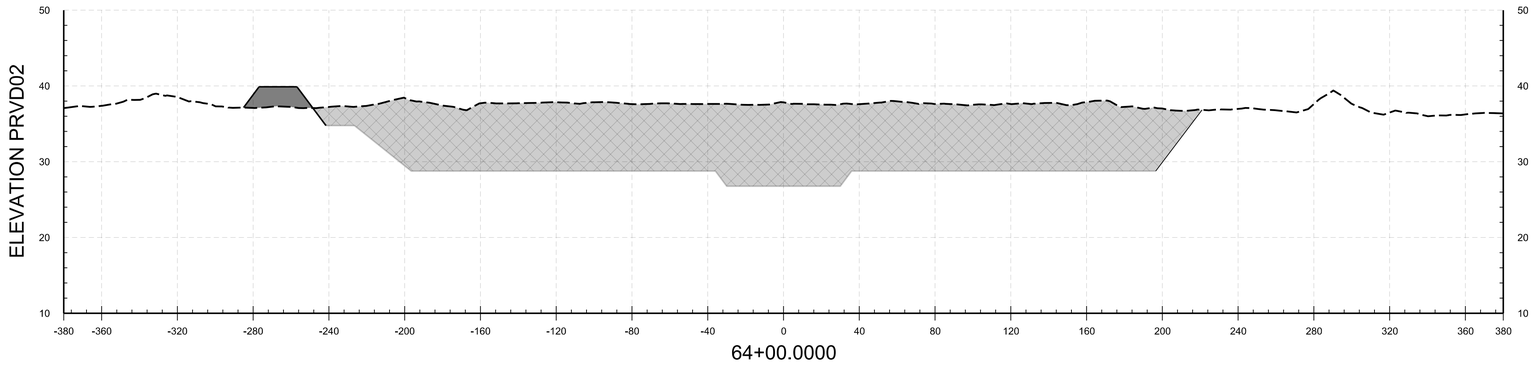
GENERAL NOTES

1. NOTE 1
2. NOTE 2
3. NOTE 3







LEGEND

CUT

FILL

HORIZONTAL SCALE: 0 40' 80'

VERTICAL SCALE: 0 10' 20'

US Army Corps of Engineers®

MARK	DESCRIPTION	DATE

DESIGNED BY: DRS	ISSUE DATE: OCT 2018
DRAWN BY: ARK	SOLICITATION NO.: W912P6-18-B-00XX
CHECKED BY:	CONTRACT NO.: W912P6-18-C-00XX
SUBMITTED BY:	PROJECT ID: 476231
SIZE: ANSI D	FILE NAME: 476231- CG-356.dgn

U.S. ARMY CORPS OF ENGINEERS
CHICAGO DISTRICT
231 S. LASALLE ST. SUITE 1500
CHICAGO, ILLINOIS 60604

RIO GUAYANILLA
GUAYANILLA, PUERTO RICO

CROSS SECTIONS ALTERNATIVE 6

SHEET ID

CG-356

...\Rio Guayanilla, PR - 476231\40 - Geospatial Data\Drawings\CAD_BIM_Sheets\476231- CG-356.dgn
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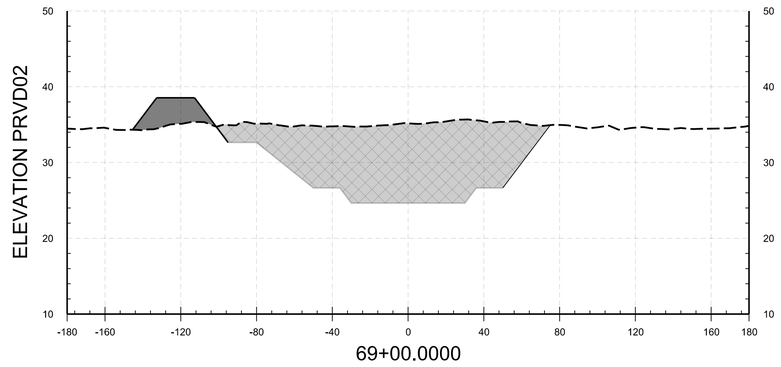
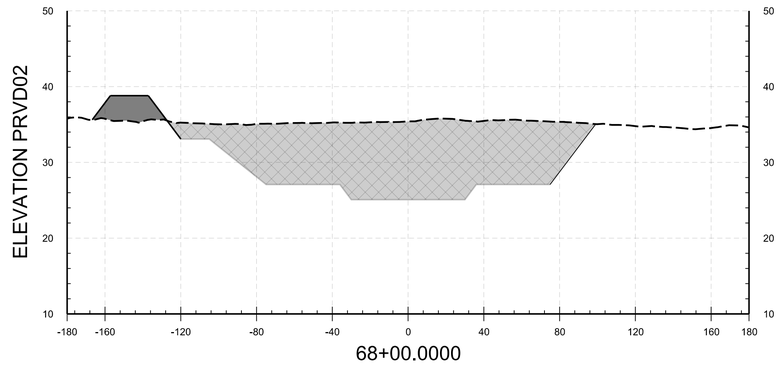
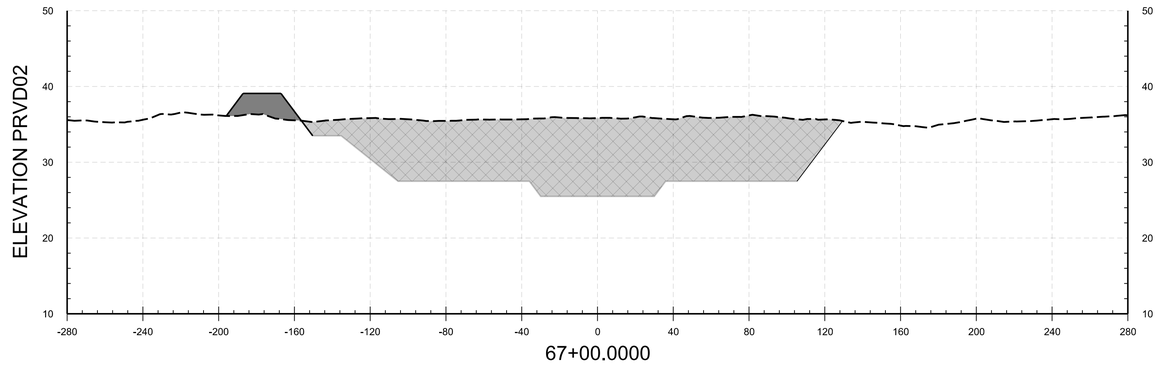
GENERAL NOTES

1. NOTE 1
2. NOTE 2
3. NOTE 3







LEGEND

CUT

FILL

HORIZONTAL SCALE: 0 40' 80'

VERTICAL SCALE: 0 10' 20'

US Army Corps of Engineers®

MARK	DESCRIPTION	DATE

ISSUE DATE: OCT 2018
SOLICITATION NO.: W912P6-18-B-00XX
CONTRACT NO.: W912P6-18-C-00XX
PROJECT ID: 476231
FILE NAME: 476231- CG-357.dgn

DESIGNED BY: DRS
DRAWN BY: ARK
CHECKED BY:
SUBMITTED BY:
SIZE: ANSI D

U.S. ARMY CORPS OF ENGINEERS
CHICAGO DISTRICT
231 S. LASALLE ST., SUITE 1500
CHICAGO, ILLINOIS 60604

RIO GUAYANILLA
GUAYANILLA, PUERTO RICO

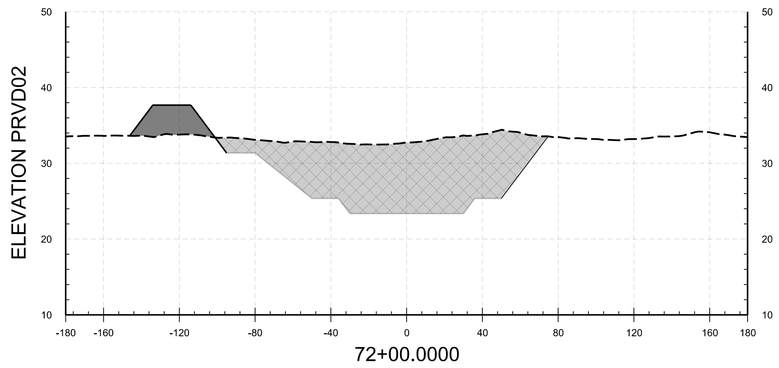
CROSS SECTIONS
ALTERNATIVE 6

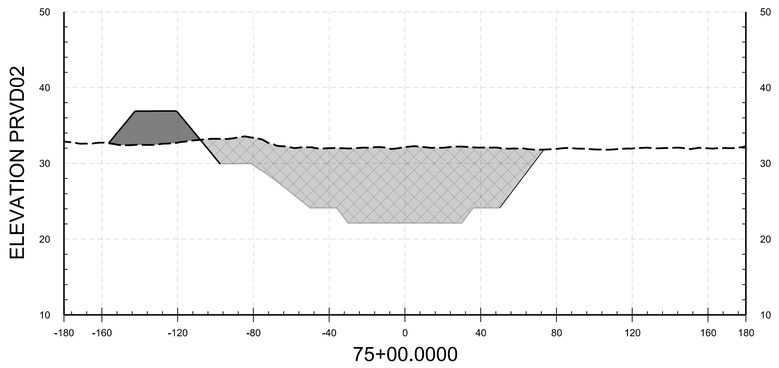
SHEET ID

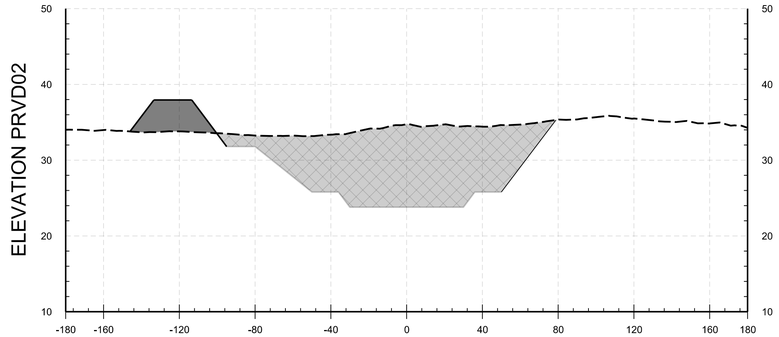
CG-357

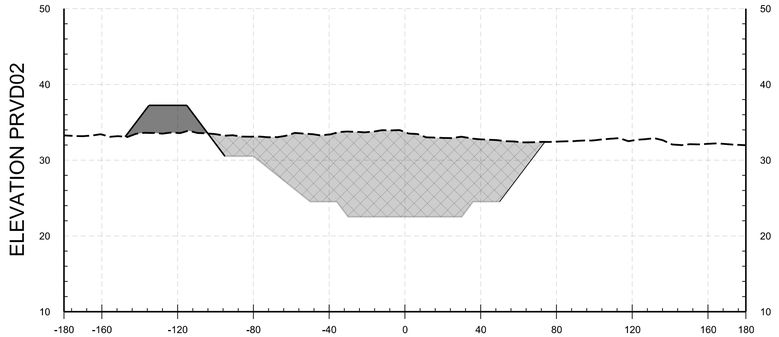
GENERAL NOTES

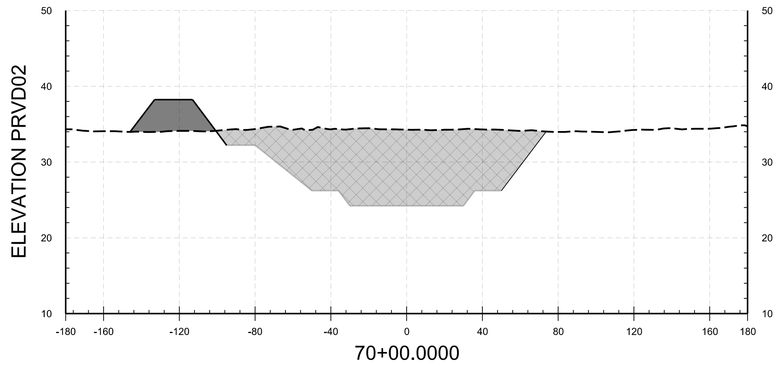
1. NOTE 1
2. NOTE 2
3. NOTE 3

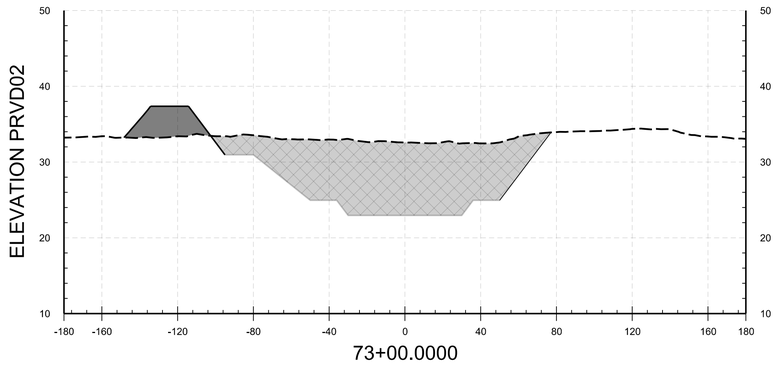












LEGEND

CUT

FILL

HORIZONTAL SCALE: 0 40' 80'

VERTICAL SCALE: 0 10' 20'

US Army Corps of Engineers®

MARK	DESCRIPTION	DATE

ISSUE DATE: OCT 2018
SOLICITATION NO.: W912P6-18-B-00XX
CONTRACT NO.: W912P6-18-C-00XX
PROJECT ID: 476231
FILE NAME: 476231- CG-358.dgn

DESIGNED BY: DRS
DRAWN BY: ARK
CHECKED BY:
SUBMITTED BY:
SIZE: ANSI D

U.S. ARMY CORPS OF ENGINEERS
CHICAGO DISTRICT
231 S. LASALLE ST. SUITE 1500
CHICAGO, ILLINOIS 60604

RIO GUAYANILLA
GUAYANILLA, PUERTO RICO

CROSS SECTIONS
ALTERNATIVE 6

SHEET ID

CG-358

...\Rio Guayanilla, PR - 476231\40 - Geospatial Data\Drawings\CAD_BIM_Sheets\476231- CG-358.dgn
10:08:10 AM 8/8/2019

GENERAL NOTES

1. NOTE 1
2. NOTE 2
3. NOTE 3

LEGEND

CUT

FILL

HORIZONTAL SCALE: 0 40' 80'

VERTICAL SCALE: 0 10' 20'

US Army Corps of Engineers®

MARK	DESCRIPTION	DATE

ISSUE DATE: OCT 2018
SOLICITATION NO.: W912P6-18-B-00XX
CONTRACT NO.: W912P6-18-C-00XX
PROJECT ID: 476231
FILE NAME: 476231-CG-359.dgn
SIZE: ANSI D
DESIGNED BY: DRS
DRAWN BY: ARK
CHECKED BY:
SUBMITTED BY:

U.S. ARMY CORPS OF ENGINEERS
CHICAGO DISTRICT
231 S. LASALLE ST., SUITE 1500
CHICAGO, ILLINOIS 60604

RIO GUAYANILLA
GUAYANILLA, PUERTO RICO

CROSS SECTIONS
ALTERNATIVE 6

SHEET ID

CG-359

GENERAL NOTES

1. NOTE 1
2. NOTE 2
3. NOTE 3

LEGEND

CUT

FILL

HORIZONTAL SCALE: 0 40' 80'

VERTICAL SCALE: 0 10' 20'

US Army Corps of Engineers®

MARK	DESCRIPTION	DATE

DESIGNED BY: DRS	ISSUE DATE: OCT 2018
DRAWN BY: ARK	SOLICITATION NO.: W912P6-18-B-00XX
CHECKED BY:	CONTRACT NO.: W912P6-18-C-00XX
SUBMITTED BY:	PROJECT ID: 476231
SIZE: ANSI D	FILE NAME: 476231- CG-360.dgn

U.S. ARMY CORPS OF ENGINEERS
CHICAGO DISTRICT
231 S. LASALLE ST., SUITE 1500
CHICAGO, ILLINOIS 60604

RIO GUAYANILLA
GUAYANILLA, PUERTO RICO

CROSS SECTIONS
ALTERNATIVE 6

SHEET ID

CG-360

GENERAL NOTES

1. NOTE 1
2. NOTE 2
3. NOTE 3

LEGEND

CUT

FILL

HORIZONTAL SCALE: 0 40' 80'

VERTICAL SCALE: 0 10' 20'

US Army Corps of Engineers®

MARK	DESCRIPTION	DATE

ISSUE DATE: OCT 2018
SOLICITATION NO.: W912P6-18-B-00XX
CONTRACT NO.: W912P6-18-C-00XX
PROJECT ID: 476231
FILE NAME: 476231- CG-361.dgn
SIZE: ANSI D

DESIGNED BY: DRS
DRAWN BY: ARK
CHECKED BY:
SUBMITTED BY:

U.S. ARMY CORPS OF ENGINEERS
CHICAGO DISTRICT
231 S. LASALLE ST. SUITE 1500
CHICAGO, ILLINOIS 60604

RIO GUAYANILLA
GUAYANILLA, PUERTO RICO

CROSS SECTIONS
ALTERNATIVE 6

SHEET ID

CG-361

GENERAL NOTES

1. NOTE 1
2. NOTE 2
3. NOTE 3

US Army Corps of Engineers®

MARK	DESCRIPTION	DATE

ISSUE DATE: OCT 2018
SOLICITATION NO.: W912P6-18-B-00XX
CONTRACT NO.: W912P6-18-C-00XX
PROJECT ID: 476231
FILE NAME: 476231- CG-362.dgn

DESIGNED BY: DRS
DRAWN BY: ARK
CHECKED BY:
SUBMITTED BY:
SIZE: ANSI D

U.S. ARMY CORPS OF ENGINEERS
CHICAGO DISTRICT
231 S. LASALLE ST., SUITE 1500
CHICAGO, ILLINOIS 60604

RIO GUAYANILLA
GUAYANILLA, PUERTO RICO

CROSS SECTIONS ALTERNATIVE 6

SHEET ID

CG-362

GENERAL NOTES

1. NOTE 1
2. NOTE 2
3. NOTE 3

LEGEND

CUT

FILL

HORIZONTAL SCALE: 0 40' 80'

VERTICAL SCALE: 0 10' 20'

US Army Corps of Engineers®

MARK	DESCRIPTION	DATE

DESIGNED BY: DRS
DRAWN BY: ARK
CHECKED BY:
SUBMITTED BY:
SIZE: ANSI D
ISSUE DATE: OCT 2018
SOLICITATION NO.: W912P6-18-B-00XX
CONTRACT NO.: W912P6-18-C-00XX
PROJECT ID: 476231
FILE NAME: 476231- CG-363.dgn

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CHICAGO DISTRICT
231 S. LASALLE ST. SUITE 1500
CHICAGO, ILLINOIS 60604

RIO GUAYANILLA
GUAYANILLA, PUERTO RICO

CROSS SECTIONS
ALTERNATIVE 6

SHEET ID

CG-363

GENERAL NOTES

1. NOTE 1
2. NOTE 2
3. NOTE 3

US Army Corps of Engineers®

MARK	DESCRIPTION	DATE

DESIGNED BY: DRS
DRAWN BY: ARK
CHECKED BY:
SUBMITTED BY:
ISSUE DATE: OCT 2018
SOLICITATION NO.: W912P6-18-B-00XX
CONTRACT NO.: W912P6-18-C-00XX
PROJECT ID: 476231
SIZE: ANSI D
FILE NAME: 476231- CG-364.dgn

U.S. ARMY CORPS OF ENGINEERS
CHICAGO DISTRICT
231 S. LASALLE ST. SUITE 1500
CHICAGO, ILLINOIS 60604

RIO GUAYANILLA
GUAYANILLA, PUERTO RICO

CROSS SECTIONS ALTERNATIVE 6

SHEET ID

CG-364

GENERAL NOTES

1. NOTE 1
2. NOTE 2
3. NOTE 3

LEGEND

CUT

FILL

HORIZONTAL SCALE: 0 40' 80'

VERTICAL SCALE: 0 10' 20'

US Army Corps of Engineers®

MARK	DESCRIPTION	DATE

DESIGNED BY: DRS	ISSUE DATE: OCT 2018
DRAWN BY: ARK	SOLICITATION NO.: W912P6-18-B-00XX
CHECKED BY:	CONTRACT NO.: W912P6-18-C-00XX
SUBMITTED BY:	PROJECT ID: 476231
SIZE: ANSI D	FILE NAME: 476231- CG-365.dgn

U.S. ARMY CORPS OF ENGINEERS
CHICAGO DISTRICT
231 S. LASALLE ST. SUITE 1500
CHICAGO, ILLINOIS 60604

RIO GUAYANILLA
GUAYANILLA, PUERTO RICO

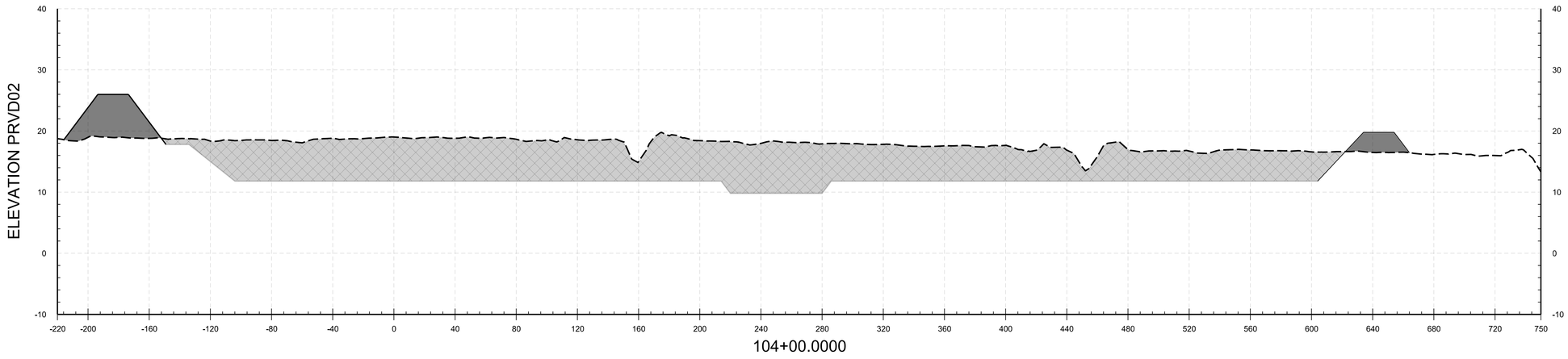
CROSS SECTIONS
ALTERNATIVE 6

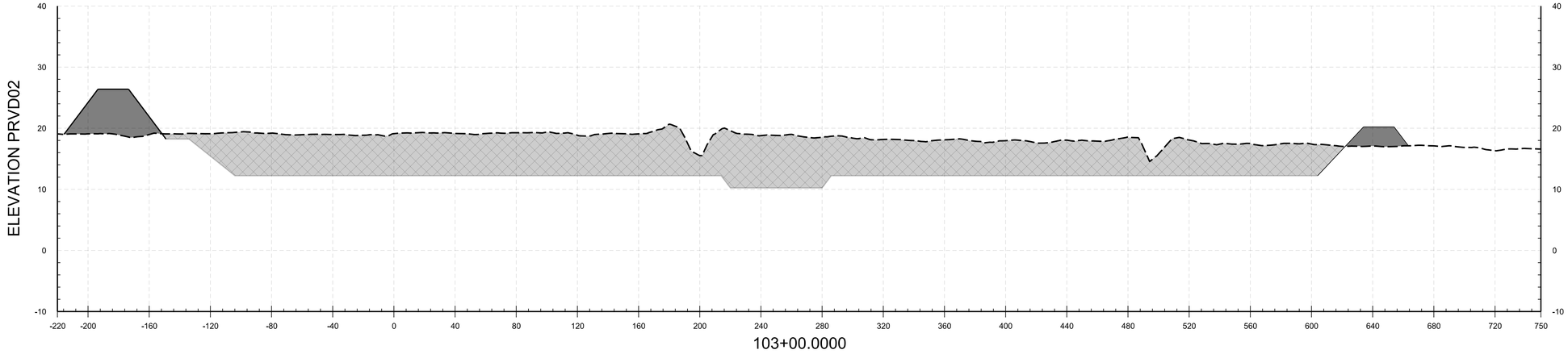
SHEET ID

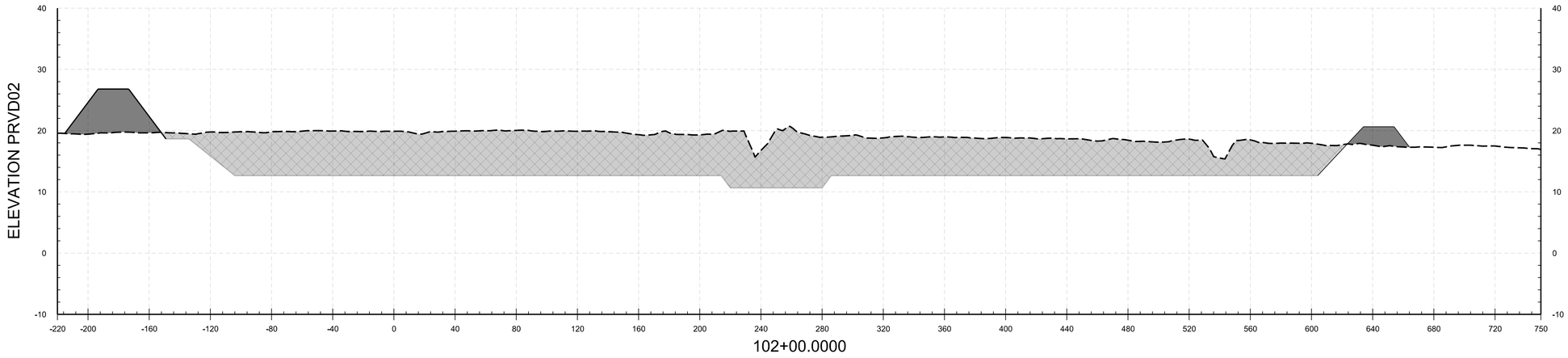
CG-365

GENERAL NOTES

1. NOTE 1
2. NOTE 2
3. NOTE 3







LEGEND

CUT

FILL

HORIZONTAL SCALE: 0 40' 80'

VERTICAL SCALE: 0 10' 20'

US Army Corps of Engineers®

MARK	DESCRIPTION	DATE

ISSUE DATE: OCT 2018
SOLICITATION NO.: W912P6-18-B-00XX
CONTRACT NO.: W912P6-18-C-00XX
PROJECT ID: 476231
FILE NAME: 476231- CG-366.dgn

DESIGNED BY: DRS
DRAWN BY: ARK
CHECKED BY:
SUBMITTED BY:
SIZE: ANSI D

U.S. ARMY CORPS OF ENGINEERS
CHICAGO DISTRICT
231 S. LASALLE ST., SUITE 1500
CHICAGO, ILLINOIS 60604

RIO GUAYANILLA
GUAYANILLA, PUERTO RICO

CROSS SECTIONS
ALTERNATIVE 6

SHEET ID

CG-366

GENERAL NOTES

1. NOTE 1
2. NOTE 2
3. NOTE 3

LEGEND

CUT

FILL

HORIZONTAL SCALE: 0 40' 80'

VERTICAL SCALE: 0 10' 20'

US Army Corps of Engineers®

MARK	DESCRIPTION	DATE

ISSUE DATE: OCT 2018
SOLICITATION NO.: W912P6-18-B-00XX
CONTRACT NO.: W912P6-18-C-00XX
PROJECT ID: 476231
FILE NAME: 476231- CG-367.dgn

DESIGNED BY: DRS
DRAWN BY: ARK
CHECKED BY:
SUBMITTED BY:
SIZE: ANSI D

U.S. ARMY CORPS OF ENGINEERS
CHICAGO DISTRICT
231 S. LASALLE ST. SUITE 1500
CHICAGO, ILLINOIS 60604

RIO GUAYANILLA
GUAYANILLA, PUERTO RICO

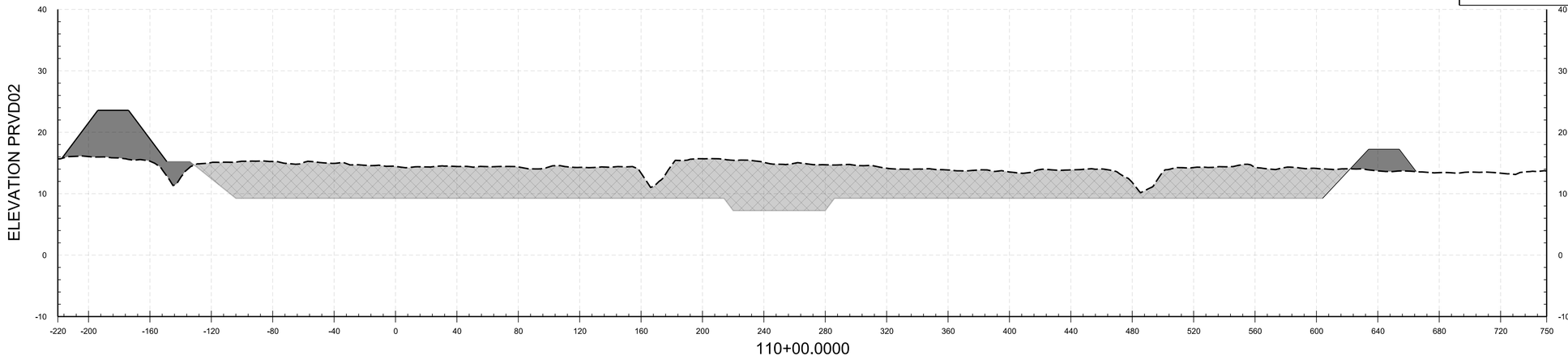
CROSS SECTIONS ALTERNATIVE 6

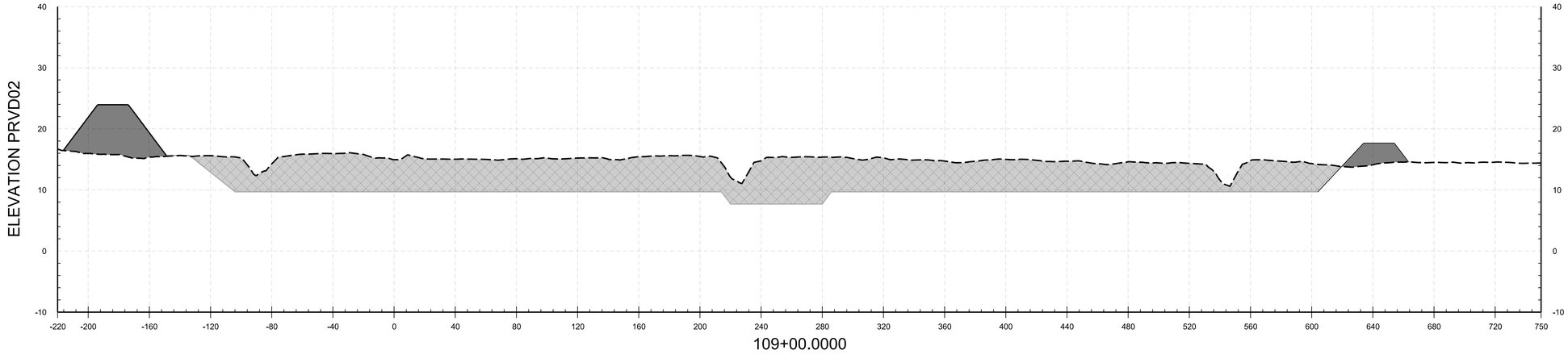
SHEET ID

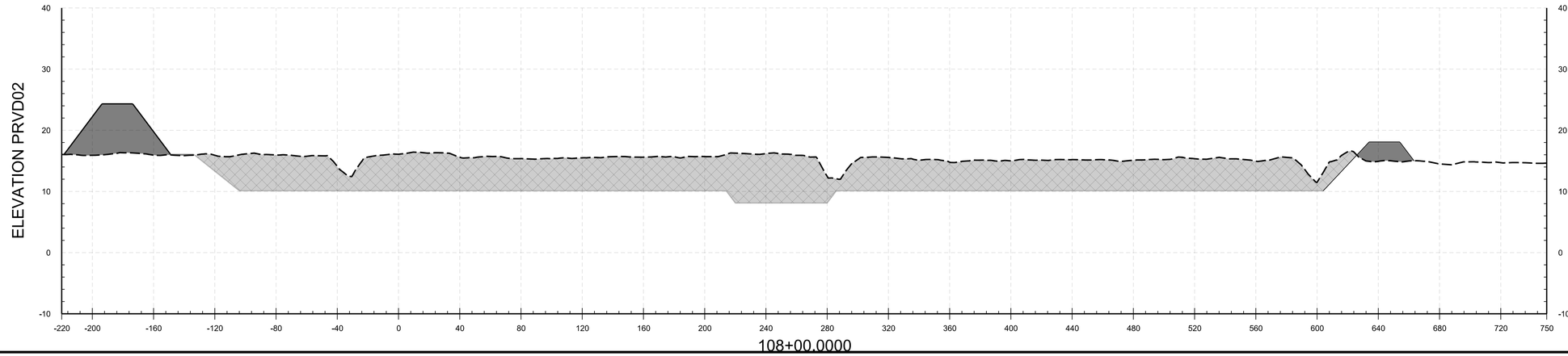
CG-367

GENERAL NOTES

1. NOTE 1
2. NOTE 2
3. NOTE 3







LEGEND

CUT

FILL

HORIZONTAL SCALE: 0 40' 80'

VERTICAL SCALE: 0 10' 20'

US Army Corps of Engineers®

MARK	DESCRIPTION	DATE

DESIGNED BY: DRS
DRAWN BY: ARK
CHECKED BY:
SUBMITTED BY:
ISSUE DATE: OCT 2018
SOLICITATION NO.: W912P6-18-B-00XX
CONTRACT NO.: W912P6-18-C-00XX
PROJECT ID: 476231
SIZE: ANSI D
FILE NAME: 476231- CG-368.dgn

U.S. ARMY CORPS OF ENGINEERS
CHICAGO DISTRICT
231 S. LASALLE ST, SUITE 1500
CHICAGO, ILLINOIS 60604

RIO GUAYANILLA
GUAYANILLA, PUERTO RICO

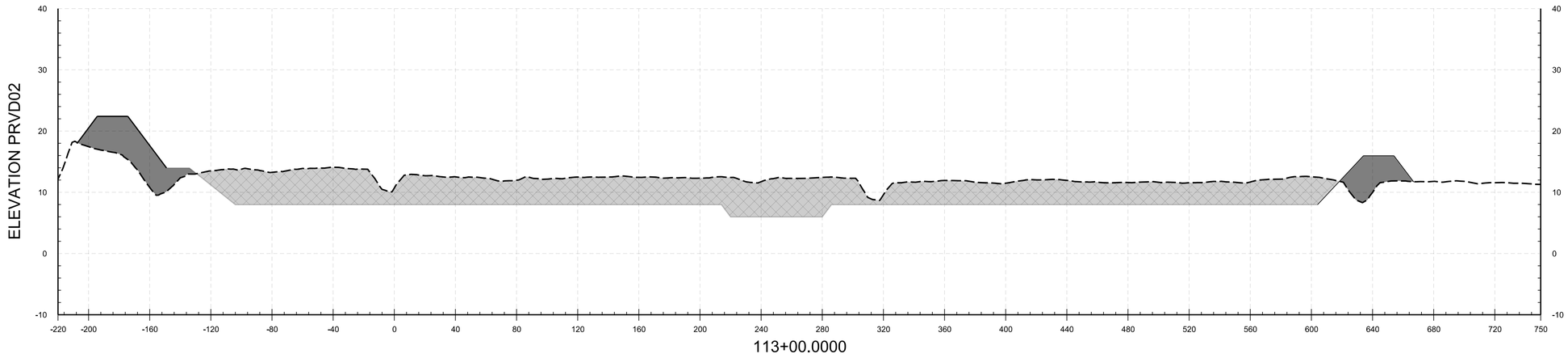
CROSS SECTIONS ALTERNATIVE 6

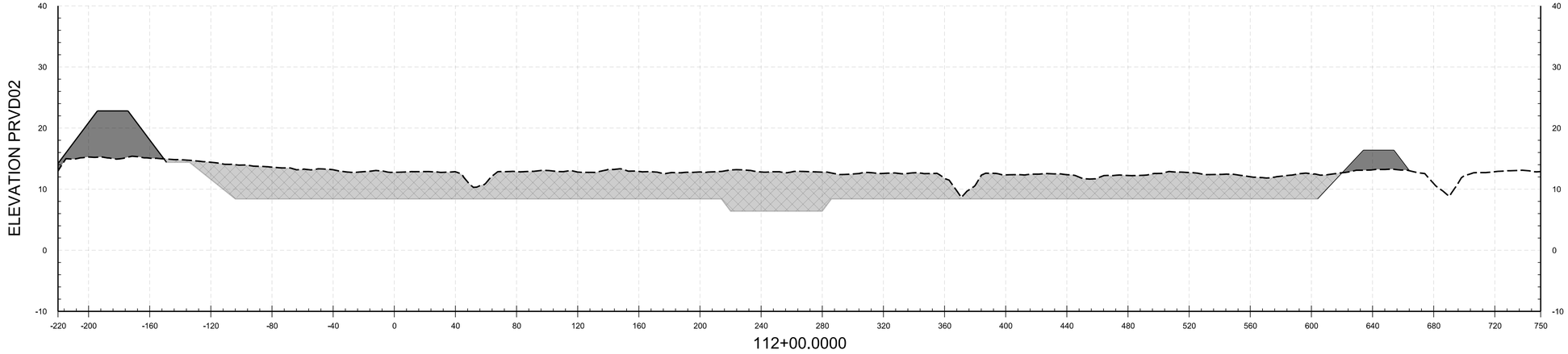
SHEET ID

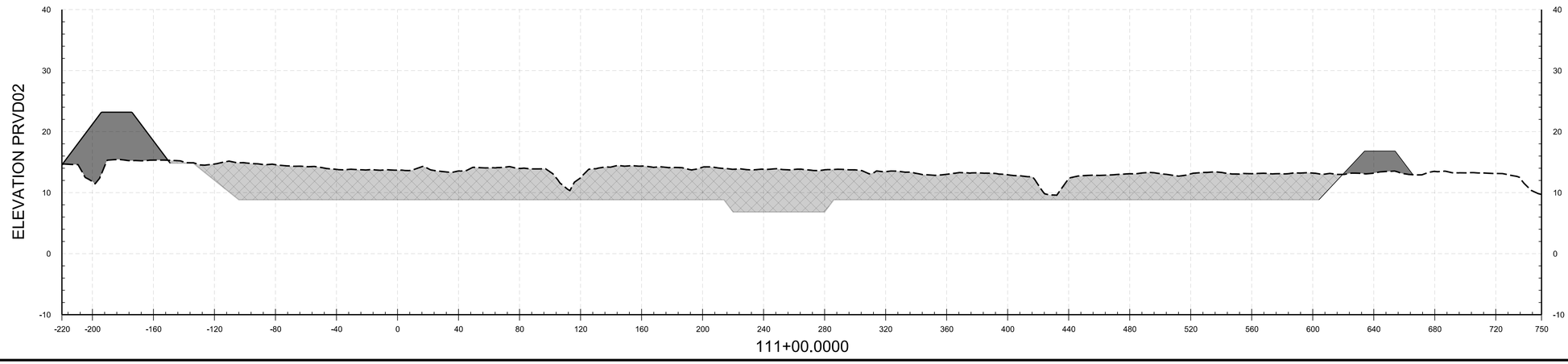
CG-368

GENERAL NOTES

1. NOTE 1
2. NOTE 2
3. NOTE 3







LEGEND

CUT

FILL

HORIZONTAL SCALE: 0 40' 80'

VERTICAL SCALE: 0 10' 20'

US Army Corps of Engineers®

MARK	DESCRIPTION	DATE

ISSUE DATE: OCT 2018
SOLICITATION NO.: W912P6-18-B-00XX
CONTRACT NO.: W912P6-18-C-00XX
PROJECT ID: 476231
FILE NAME: 476231- CG-369.dgn

DESIGNED BY: DRS
DRAWN BY: ARK
CHECKED BY:
SUBMITTED BY:
SIZE: ANSI D

U.S. ARMY CORPS OF ENGINEERS
CHICAGO DISTRICT
231 S. LASALLE ST., SUITE 1500
CHICAGO, ILLINOIS 60604

RIO GUAYANILLA
GUAYANILLA, PUERTO RICO

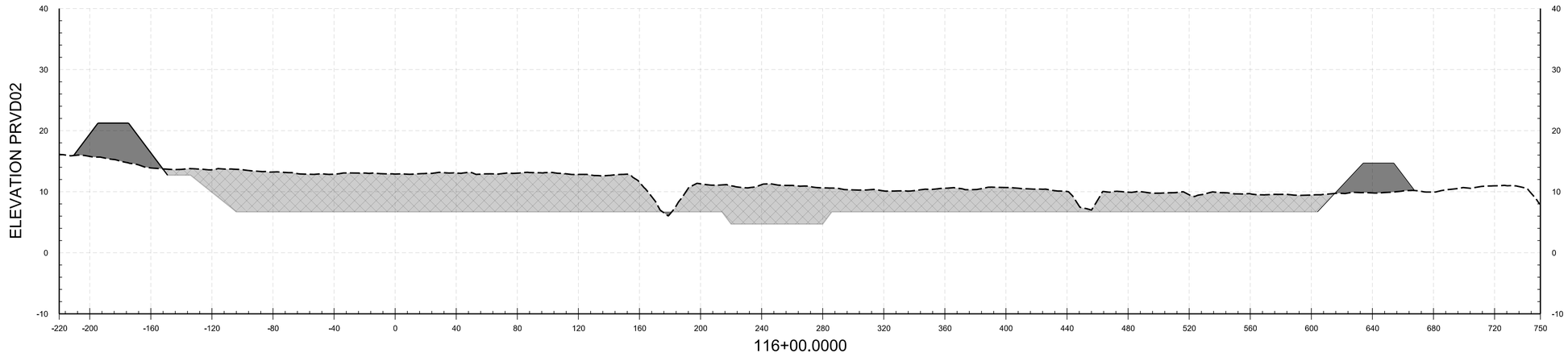
CROSS SECTIONS ALTERNATIVE 6

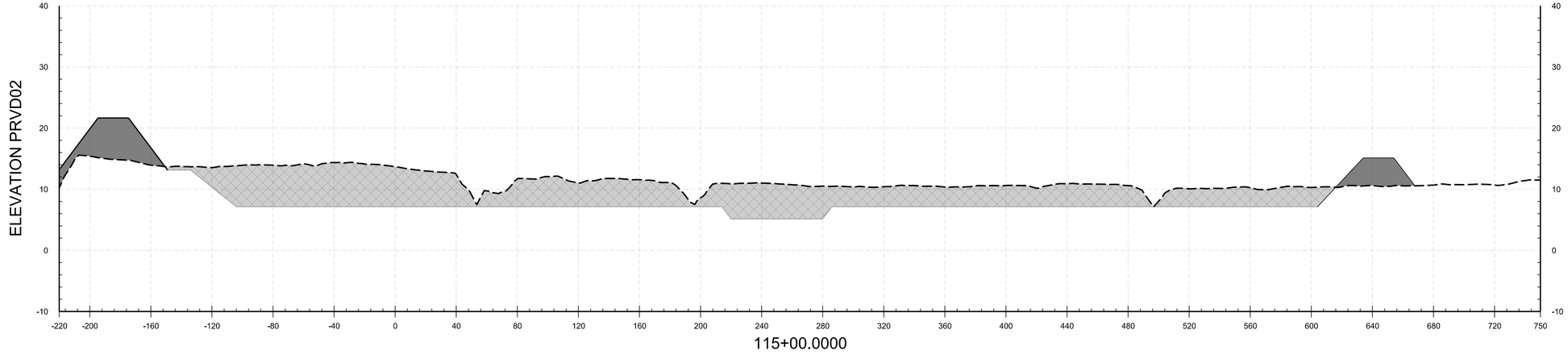
SHEET ID

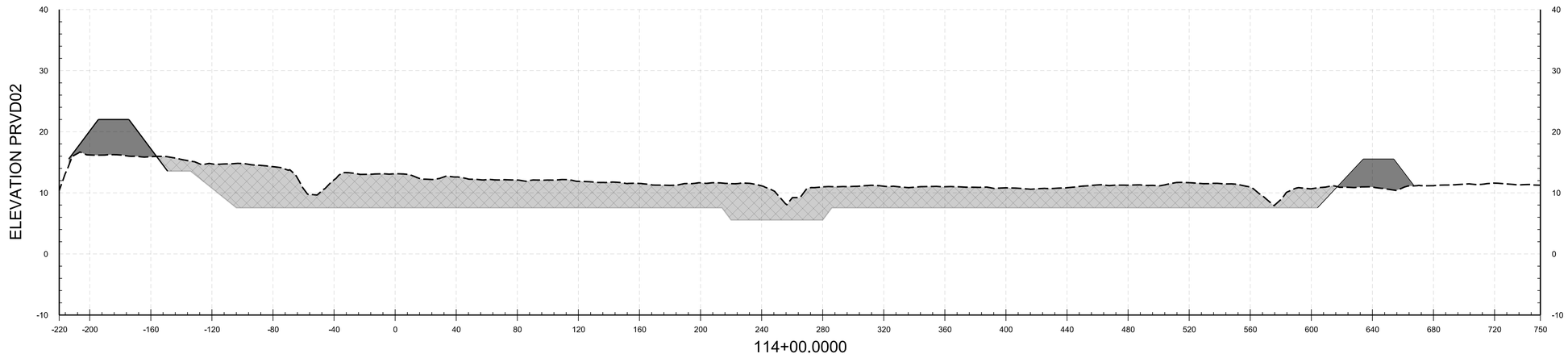
CG-369

GENERAL NOTES

1. NOTE 1
2. NOTE 2
3. NOTE 3







LEGEND

CUT

FILL

HORIZONTAL SCALE: 0 40' 80'

VERTICAL SCALE: 0 10' 20'

US Army Corps of Engineers®

MARK	DESCRIPTION	DATE

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U.S. ARMY CORPS OF ENGINEERS
CHICAGO DISTRICT
231 S. LASALLE ST. SUITE 1500
CHICAGO, ILLINOIS 60604

RIO GUAYANILLA
GUAYANILLA, PUERTO RICO

CROSS SECTIONS ALTERNATIVE 6

SHEET ID

CG-370

GENERAL NOTES

1. NOTE 1
2. NOTE 2
3. NOTE 3

LEGEND

CUT

FILL

HORIZONTAL SCALE: 0 40' 80'

VERTICAL SCALE: 0 10' 20'

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SOLICITATION NO.: W912P6-18-B-00XX
CONTRACT NO.: W912P6-18-C-00XX
PROJECT ID: 476231
FILE NAME: 476231- CG-371.dgn

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CHICAGO DISTRICT
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CHICAGO, ILLINOIS 60604

RIO GUAYANILLA
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CROSS SECTIONS
ALTERNATIVE 6

SHEET ID

CG-371

GENERAL NOTES

1. NOTE 1
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SIZE: ANSI D
ISSUE DATE: OCT 2018
SOLICITATION NO.: W912P6-18-B-00XX
CONTRACT NO.: W912P6-18-C-00XX
PROJECT ID: 476231
FILE NAME: 476231- CG-372.dgn

U.S. ARMY CORPS OF ENGINEERS
CHICAGO DISTRICT
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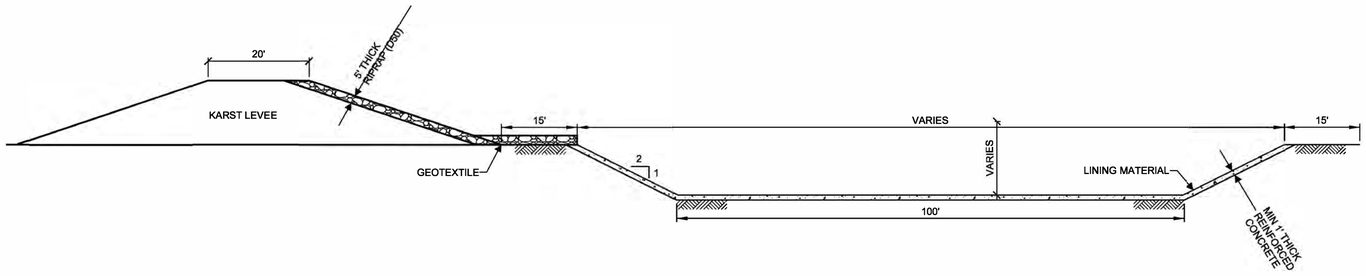
CHICAGO, ILLINOIS 60604

RIO GUAYANILLA
GUAYANILLA, PUERTO RICO

CROSS SECTIONS ALTERNATIVE 6

SHEET ID

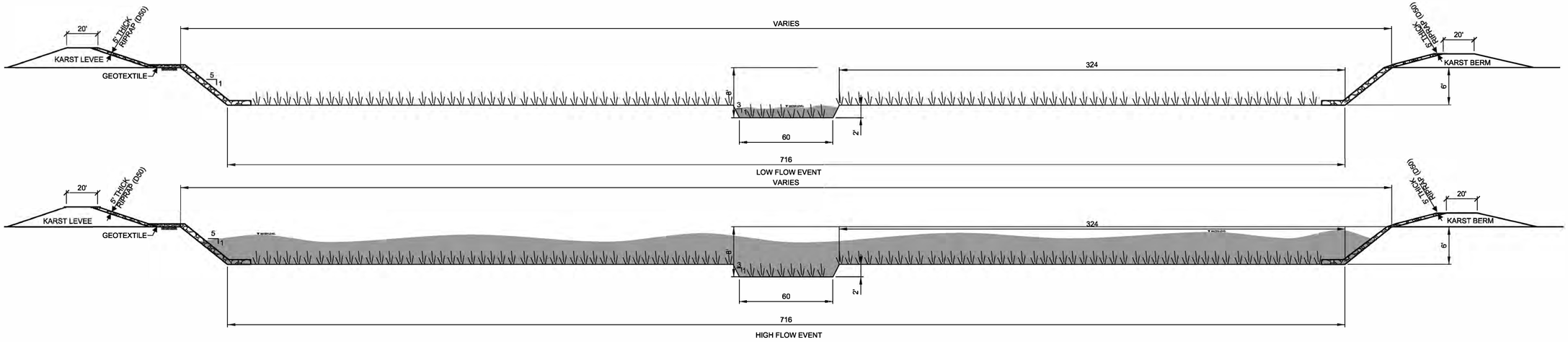
CG-372



D1 100' ENGINEERED CHANNEL SINGLE LOP

SCALE: 1" = 15'

0 15' 30'



A1 GREENWAY CHANNEL DESIGN

SCALE: NTS

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12:20:15 PM 8/8/2019 PD: AEC_pdf.pltcfg DS: AEC_Screen.dscrip

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MARK	DESCRIPTION	DATE

DESIGNED BY: DRS	ISSUE DATE: OCT 2018
DRAWN BY: ARK	SOLICITATION NO.: W912P6-18-B-00XX
CHECKED BY:	CONTRACT NO.: W912P6-18-C-00XX
SUBMITTED BY:	PROJECT ID: 476231
SIZE: ANSI D	FILE NAME: 476231- C-501.dgn

U.S. ARMY CORPS OF ENGINEERS
CHICAGO DISTRICT
231 S. LASALLE ST. SUITE 1500
CHICAGO, ILLINOIS 60604

RIO GUAYANILLA
GUAYANILLA, PUERTO RICO

TYPICAL CHANNEL SECTION

SHEET ID

C501

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NUM_CATAST **TemporaryEasement**

0 180 360 540 720
US Feet

Source: Esri, DigitalGlobe, GeoEye, Earthstar Geographics, CNES/Airbus DS, USDA, USGS, AeroGRID, IGN, and the GIS User Community

U.S. ARMY CORPS
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CHICAGO DISTRICT

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NUM_CATAST **TemporaryEasement**

0 180 360 540 720
US Feet

Source: Esri, DigitalGlobe, GeoEye, Earthstar Geographics, CNES/Airbus DS, USDA, USGS, AeroGRID, IGN, and the GIS User Community

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NUM_CATAST **TemporaryEasement**

0 180 360 540 720
US Feet

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OF ENGINEERS
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US Feet

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CHICAGO DISTRICT

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U.S. ARMY CORPS
OF ENGINEERS
CHICAGO DISTRICT

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U.S. ARMY CORPS
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CHICAGO DISTRICT

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Channel Improvement Easement
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NUM_CATAST	ChannelImprovE	TemporaryEasem	LeveeEasementA
386-013-085-03	14.4915	8.356659	7.397062
362-093-248-01	0.261359	0	0.131377
362-000-001-01	4.409573	0	0
386-003-003-10	0.350293	0	1.003312
386-013-085-02	26.52233	0	0
362-000-007-32	0.81514	0	1.596091
362-000-006-91	0.218937	0	0
362-000-006-97	2.396022	0	0
362-092-244-50	1.386837	0	0
362-093-244-49	0.065769	0	0.091918
386-003-003-14	0.73221	0	1.016668
362-003-007-47	2.521145	0	3.369501
386-003-003-09	0	0	0.107338
362-000-007-47	0.912543	0	0
362-000-007-35	0.476233	0	0
362-000-007-41	0.193525	0	0
362-000-007-38	0.037979	0	0
362-000-007-47	1.8824	0	0

0 210 420 630 840
US Feet

U.S. ARMY CORPS OF ENGINEERS CHICAGO DISTRICT

Legend

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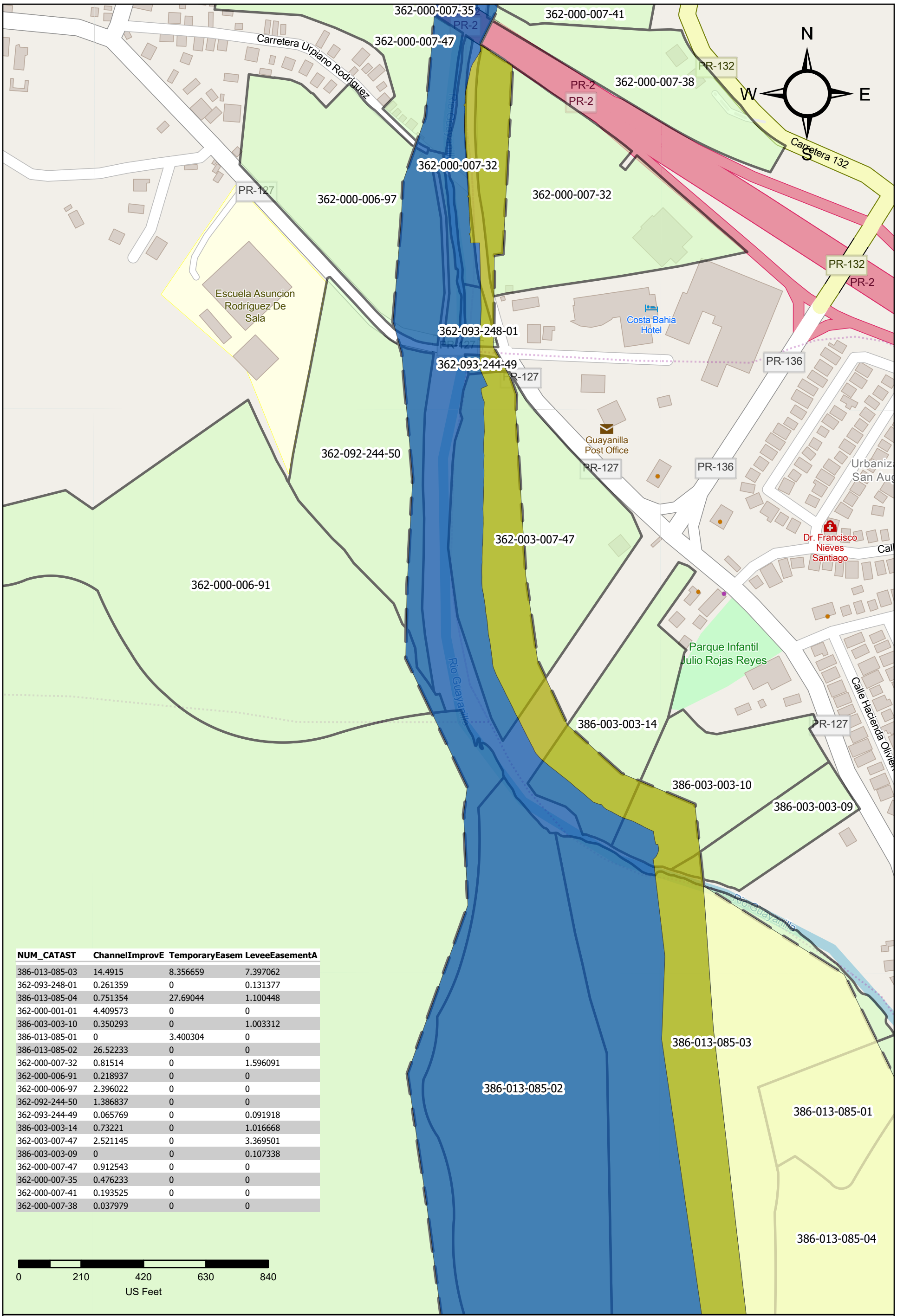

NUM_CATAST	ChannelImprovE	TemporaryEasem	LeveeEasementA
386-013-085-03	14.4915	8.356659	7.397062
362-093-248-01	0.261359	0	0.131377
386-013-085-04	0.751354	27.69044	1.100448
362-000-001-01	4.409573	0	0
386-003-003-10	0.350293	0	1.003312
386-013-085-01	0	3.400304	0
386-013-085-02	26.52233	0	0
362-000-007-32	0.81514	0	1.596091
362-000-006-91	0.218937	0	0
362-000-006-97	2.396022	0	0
362-092-244-50	1.386837	0	0
362-093-244-49	0.065769	0	0.091918
386-003-003-14	0.73221	0	1.016668
362-003-007-47	2.521145	0	3.369501
386-003-003-09	0	0	0.107338
362-000-007-47	0.912543	0	0
362-000-007-35	0.476233	0	0
362-000-007-41	0.193525	0	0
362-000-007-38	0.037979	0	0

U.S. ARMY CORPS OF ENGINEERS
CHICAGO DISTRICT

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NUM_CATAST	ChannelImprovE	TemporaryEasem	LeveeEasementA
386-013-085-03	14.4915	8.356659	7.397062
386-013-085-04	0.751354	27.69044	1.100448
362-000-001-01	4.409573	0	0
386-003-003-10	0.350293	0	1.003312
386-013-085-01	0	3.400304	0
386-013-085-02	26.52233	0	0
386-000-001-03	25.30625	0.85111	4.265154
362-000-006-91	0.218937	0	0
362-092-244-50	1.386837	0	0
386-003-003-14	0.73221	0	1.016668
362-003-007-47	2.521145	0	3.369501
386-003-003-09	0	0	0.107338

0 210 420 630 840
US Feet

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386-003-003-14
386-003-003-10
386-003-003-09
386-013-085-01
386-013-085-03
386-013-085-02
362-000-001-01
386-013-085-04
386-000-001-03
386-033-085-05
386-000-008-08
386-034-082-03
386-000-006-99
Río Guayanilla
Calle Jagüey
Calle Algarrobo
Calle Acueducto
Calle Playita
Calle Vertedero
Camino Boca
PR-385
Supermercado Napo Vélez
Iglesia
Piedras Blancas
Cementerio Municipal

NUM_CATAST	ChannelImprovE	TemporaryEasem	LeveeEasementA
386-013-085-03	14.4915	8.356659	7.397062
386-013-085-04	0.751354	27.69044	1.100448
362-000-001-01	4.409573	0	0
386-003-003-10	0.350293	0	1.003312
386-013-085-01	0	3.400304	0
386-013-085-02	26.52233	0	0
386-000-001-03	25.30625	0.85111	4.265154
386-003-003-14	0.73221	0	1.016668
386-000-006-99	0	0	0
386-003-003-09	0	0	0.107338
386-000-008-08	117.4488	8.02875	9.620997
386-034-082-03	0	0	0
386-033-085-05	0	0	0

0 210 420 630 840
US Feet

U.S. ARMY CORPS OF ENGINEERS CHICAGO DISTRICT

Legend

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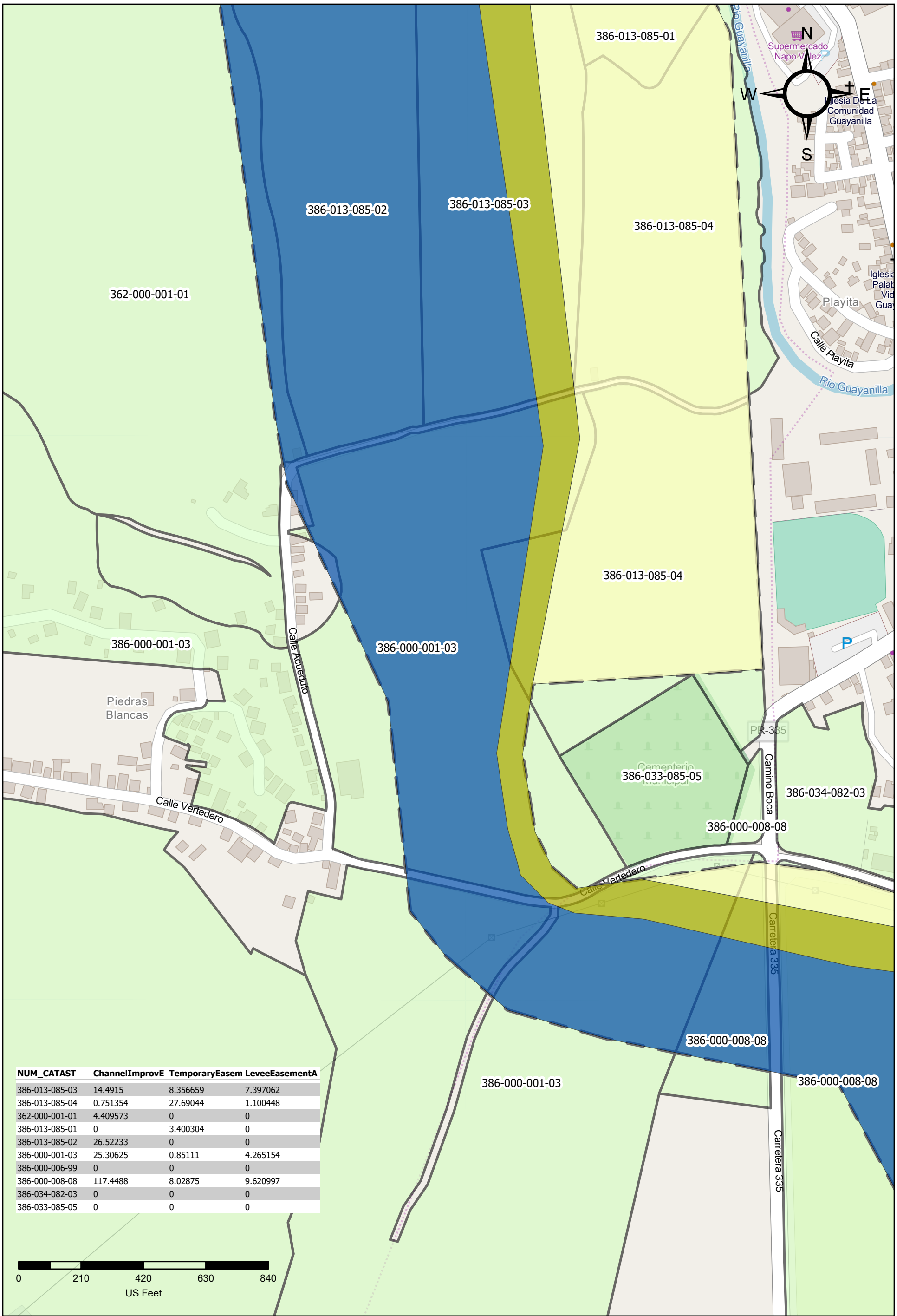

NUM_CATAST	ChannelImprovE	TemporaryEasem	LeveeEasementA
386-013-085-03	14.4915	8.356659	7.397062
386-013-085-04	0.751354	27.69044	1.100448
362-000-001-01	4.409573	0	0
386-013-085-01	0	3.400304	0
386-013-085-02	26.52233	0	0
386-000-001-03	25.30625	0.85111	4.265154
386-000-006-99	0	0	0
386-000-008-08	117.4488	8.02875	9.620997
386-034-082-03	0	0	0
386-033-085-05	0	0	0

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386-013-085-02
386-013-085-03
386-013-085-04
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386-000-001-03
386-000-001-03
386-033-085-05
386-034-082-03
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386-000-008-08
386-044-083-01
386-044-083-02
386-000-008-08
386-000-006-99
386-000-001-03
386-000-008-08
PR-335

NUM_CATAST	ChannelImprovE	TemporaryEasem	LeveeEasementA
386-013-085-03	14.4915	8.356659	7.397062
386-013-085-04	0.751354	27.69044	1.100448
362-000-001-01	4.409573	0	0
386-013-085-02	26.52233	0	0
386-000-001-03	25.30625	0.85111	4.265154
386-000-006-99	0	0	0
386-000-008-08	117.4488	8.02875	9.620997
386-044-083-01	0	0	0
386-034-082-03	0	0	0
386-044-083-02	0	0	0
386-033-085-05	0	0	0

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US Feet

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NUM_CATAST	ChannelImprovE	TemporaryEasem	LeveeEasementA
386-013-085-03	14.4915	8.356659	7.397062
386-013-085-04	0.751354	27.69044	1.100448
386-013-085-02	26.52233	0	0
386-000-001-03	25.30625	0.85111	4.265154
386-000-008-08	117.4488	8.02875	9.620997
386-044-083-01	0	0	0
386-034-082-03	0	0	0
386-044-083-02	0	0	0
386-033-085-05	0	0	0
386-044-084-01	0	0	0
386-044-083-04	0	0	0

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Levee Easement
Quarry

NUM_CATAST	ChannelImprovE	TemporaryEasem	LeveeEasementA
386-013-085-04	0.751354	27.69044	1.100448
386-000-001-03	25.30625	0.85111	4.265154
386-000-008-08	117.4488	8.02875	9.620997
386-044-083-01	0	0	0
386-034-082-03	0	0	0
386-044-083-02	0	0	0
386-033-085-05	0	0	0
386-044-084-01	0	0	0
386-044-084-02	0	0	0
386-044-083-04	0	0	0

0 210 420 630 840
US Feet

U.S. ARMY CORPS
OF ENGINEERS
CHICAGO DISTRICT

Legend

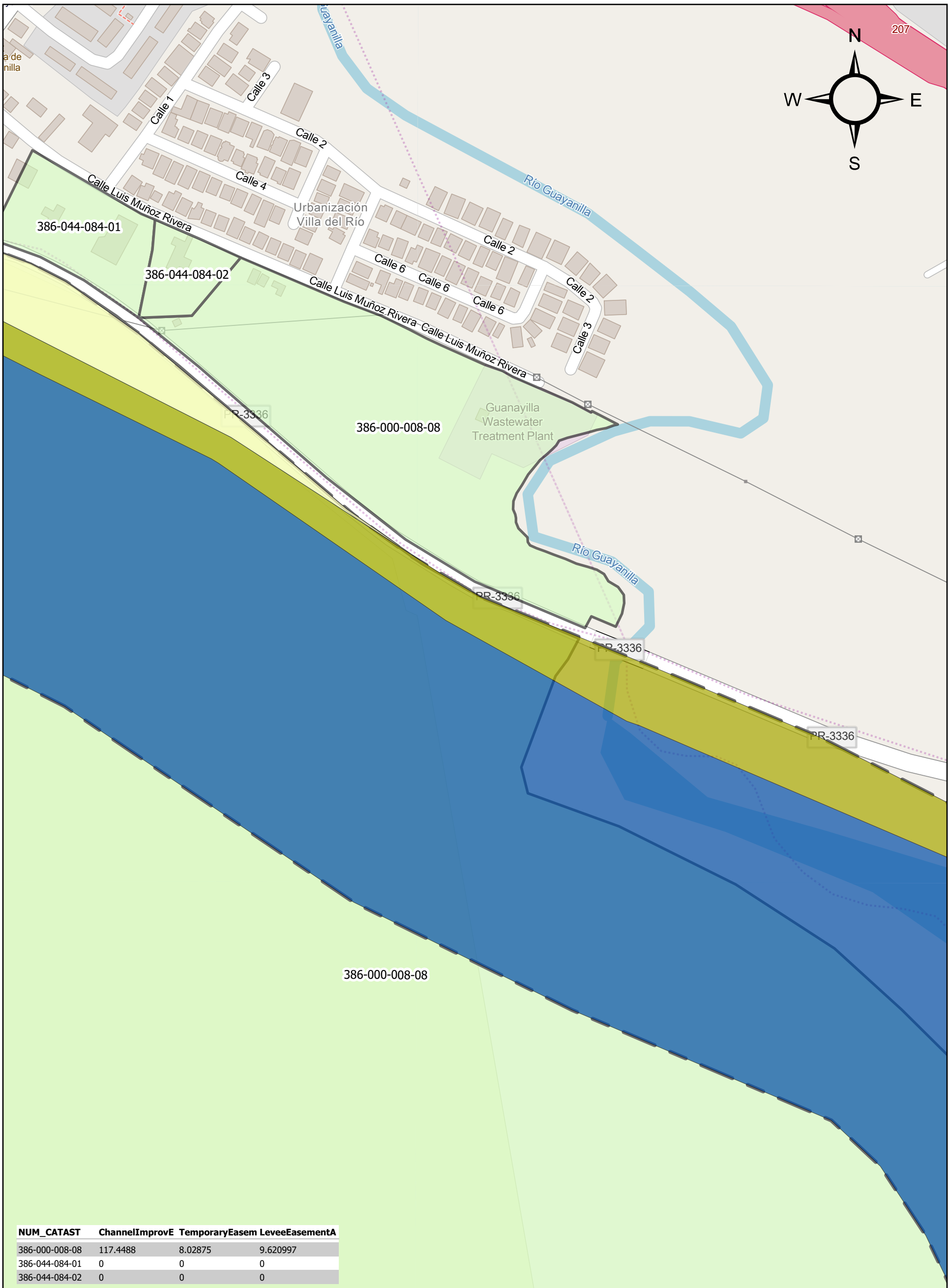
Parcels
Channel Improvement Easement
Temporary Easement
WorkLimits
ROW
Levee Easement
Quarry

NUM_CATAST	ChannelImprovE	TemporaryEasem	LeveeEasementA
386-000-008-08	117.4488	8.02875	9.620997
386-044-083-01	0	0	0
386-034-082-03	0	0	0
386-044-083-02	0	0	0
386-044-084-01	0	0	0
386-044-084-02	0	0	0
386-044-083-04	0	0	0

U.S. ARMY CORPS
OF ENGINEERS
CHICAGO DISTRICT

Legend

- Parcels
- Channel Improvement Easement
- Temporary Easement
- WorkLimits
- ROW
- Levee Easement
- Quarry



NUM_CATAST	ChannelImprovE	TemporaryEasem	LeveeEasementA
386-000-008-08	117.4488	8.02875	9.620997
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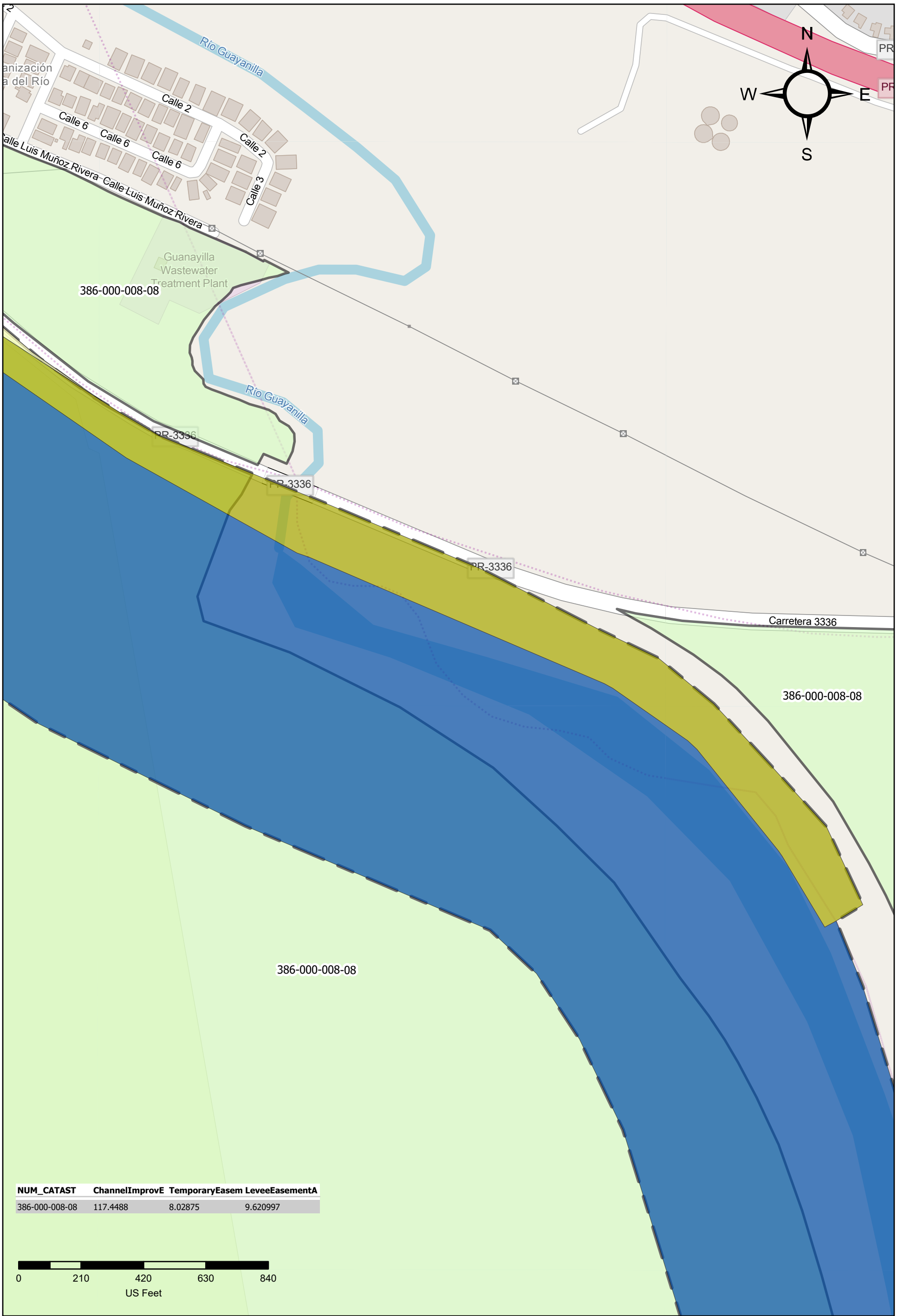
386-044-084-02	0	0	0

0 210 420 630 840
US Feet

U.S. ARMY CORPS
OF ENGINEERS
CHICAGO DISTRICT

Legend

Parcels
Channel Improvement Easement
Temporary Easement
WorkLimits
ROW
Levee Easement
Quarry



NUM_CATAST	ChannelImprovE	TemporaryEasem	LeveeEasementA
386-000-008-08	117.4488	8.02875	9.620997

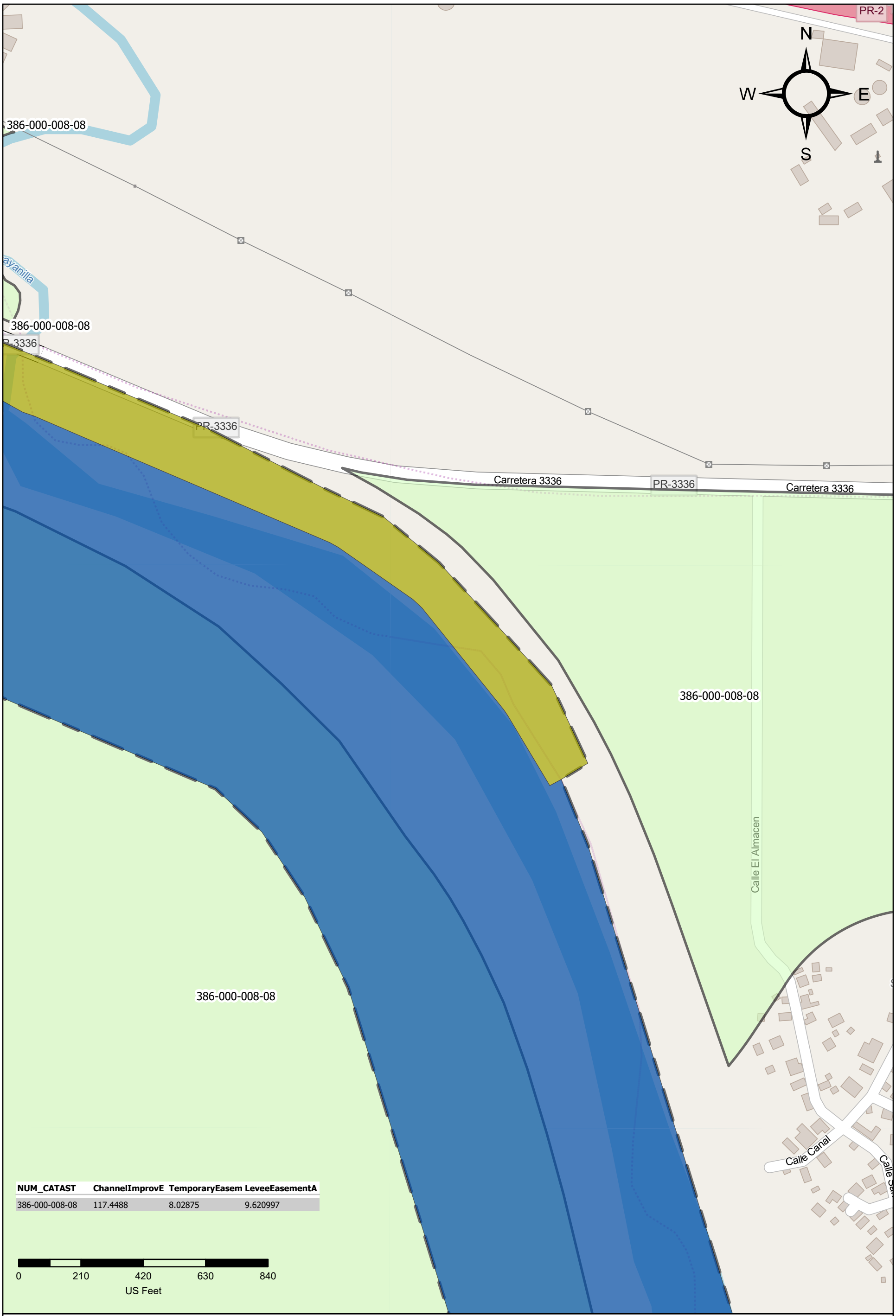
0 210 420 630 840

US Feet

U.S. ARMY CORPS
OF ENGINEERS
CHICAGO DISTRICT

Legend

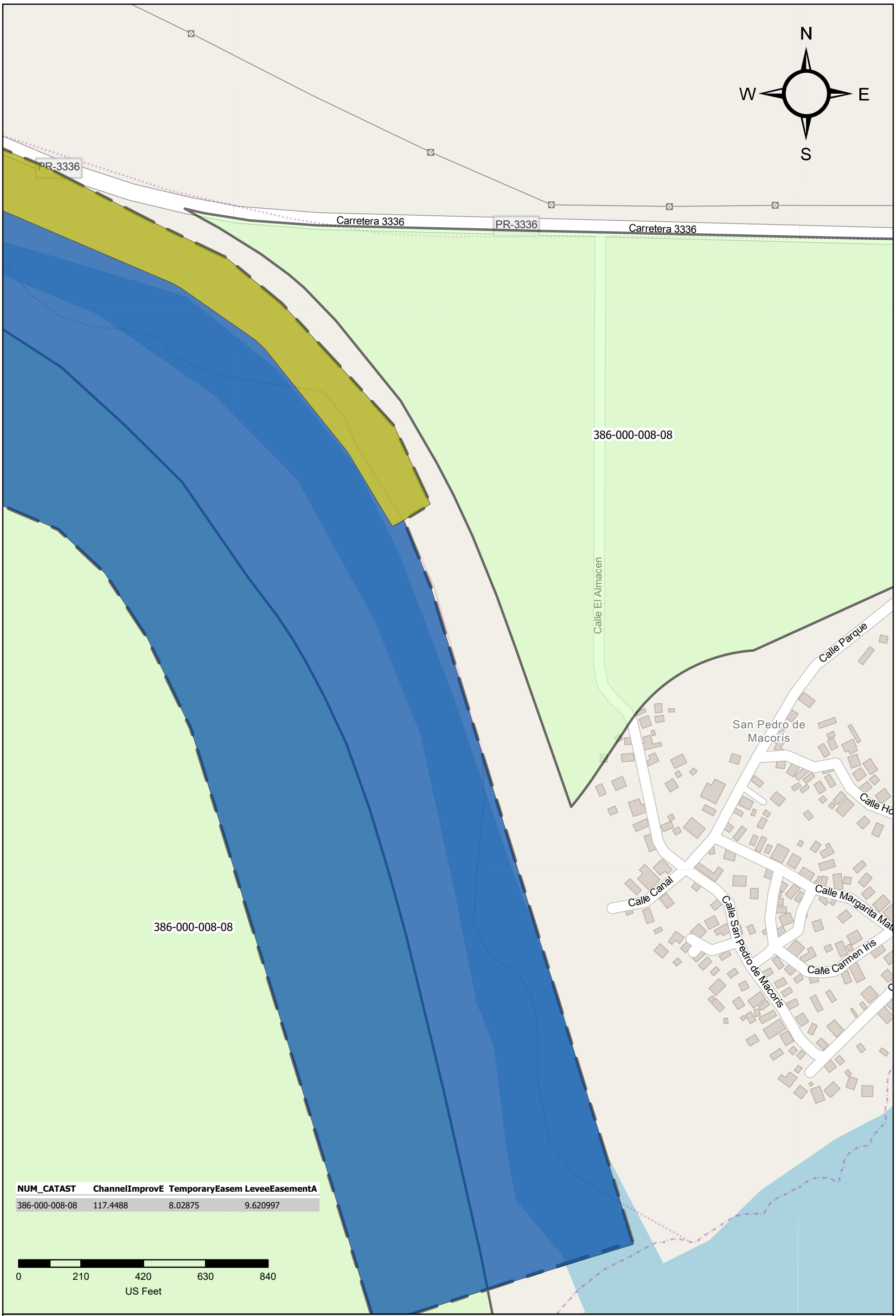
- Parcels
- ROW
- Channel Improvement Easement
- Levee Easement
- Temporary Easement
- Quarry
- WorkLimits



U.S. ARMY CORPS
OF ENGINEERS
CHICAGO DISTRICT

Legend

- Parcels
- ROW
- Channel Improvement Easement
- Levee Easement
- Temporary Easement
- Quarry
- WorkLimits



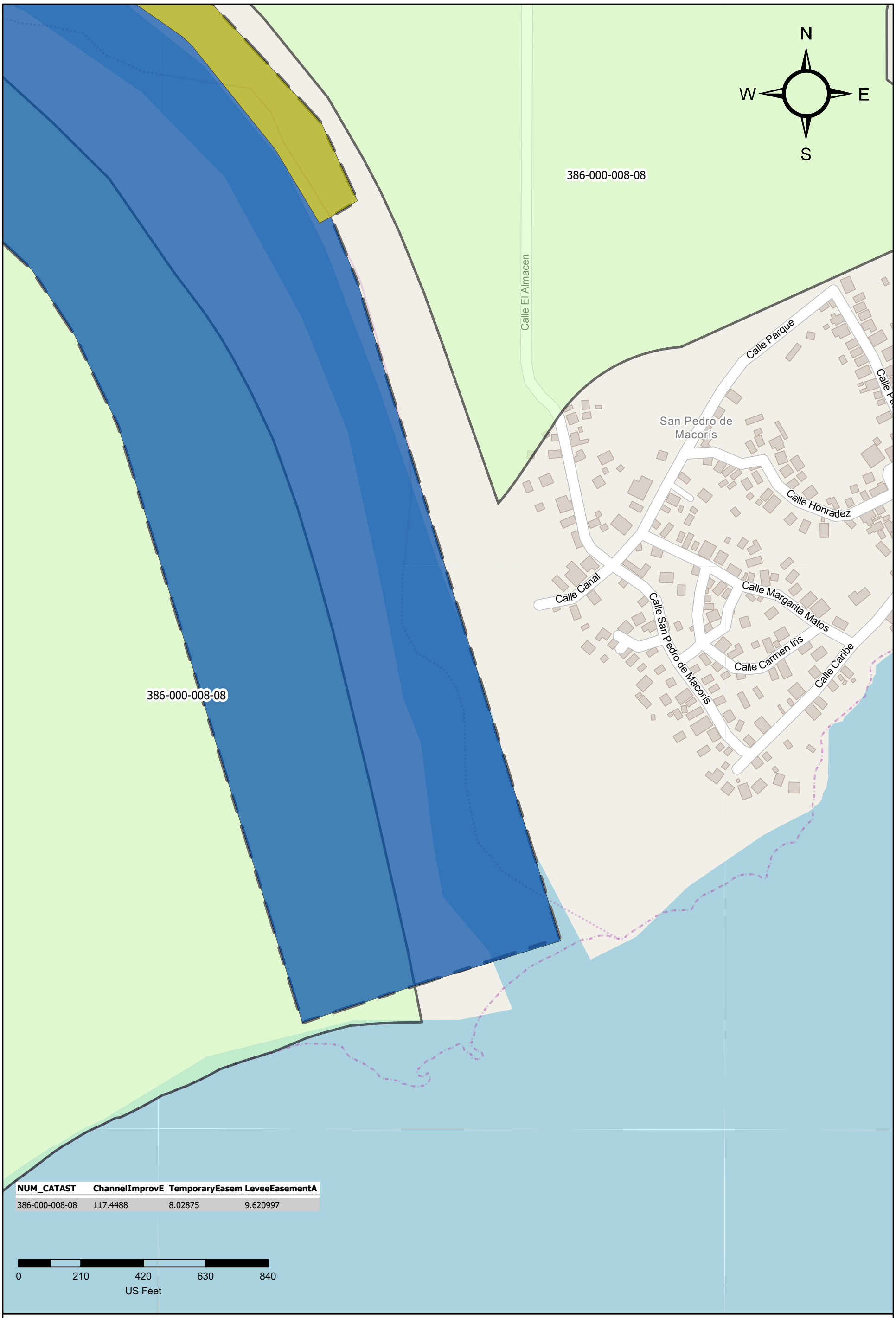
NUM_CATAST	ChannelImprovE	TemporaryEasem	LeveeEasementA
386-000-008-08	117.4488	8.02875	9.620997

0 210 420 630 840
US Feet

U.S. ARMY CORPS
OF ENGINEERS
CHICAGO DISTRICT

Legend

Parcels
Channel Improvement Easement
Temporary Easement
WorkLimits
ROW
Levee Easement
Quarry



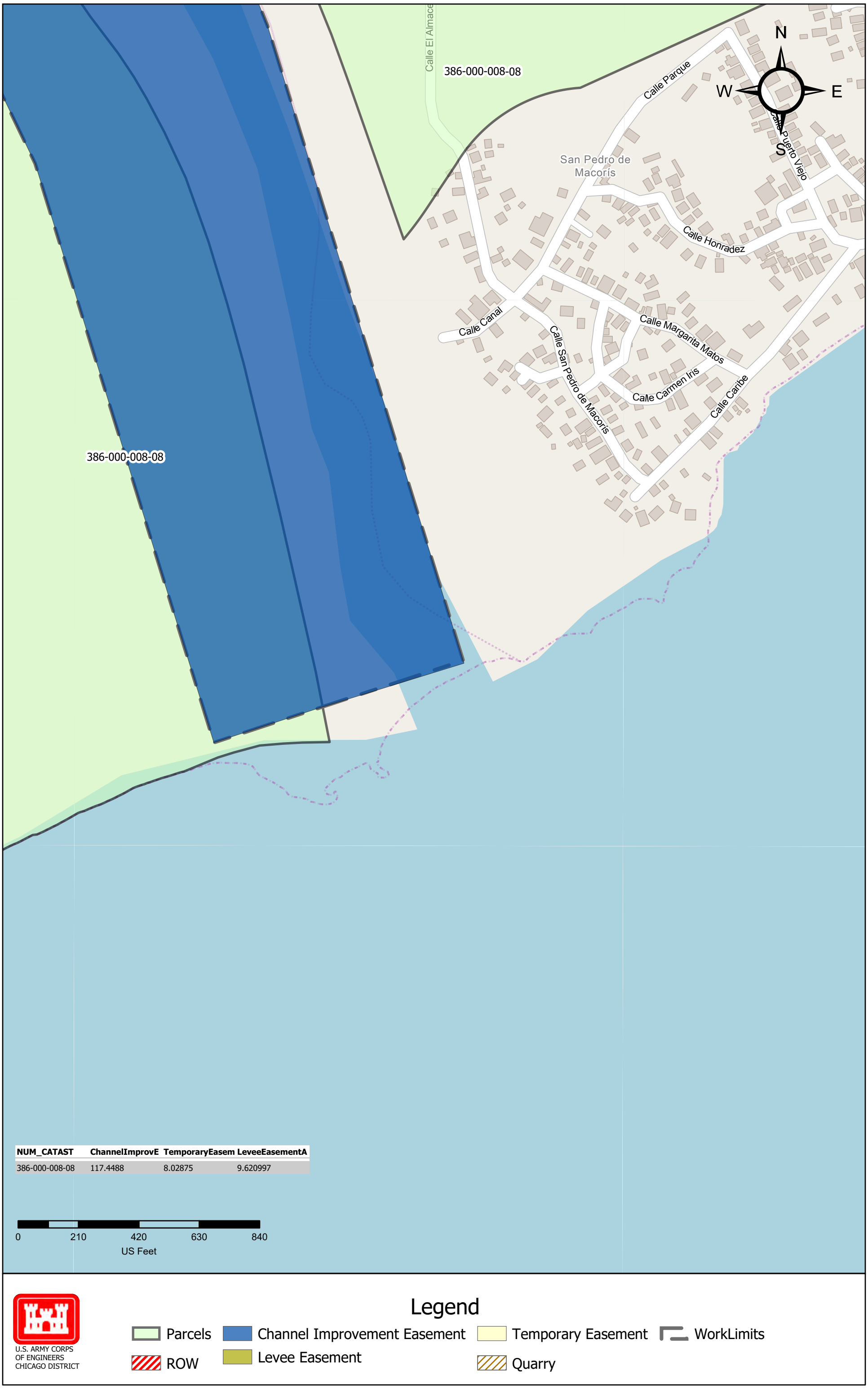
NUM_CATAST	ChannelImprovE	TemporaryEasem	LeveeEasementA
386-000-008-08	117.4488	8.02875	9.620997

0 210 420 630 840
US Feet

U.S. ARMY CORPS
OF ENGINEERS
CHICAGO DISTRICT

Legend

- Parcels
- Channel Improvement Easement
- Temporary Easement
- WorkLimits
- ROW
- Levee Easement
- Quarry



NUM_CATAST	ChannelImprovE	TemporaryEasem	LeveeEasementA
386-000-008-08	117.4488	8.02875	9.620997

0 210 420 630 840

US Feet

U.S. ARMY CORPS
OF ENGINEERS
CHICAGO DISTRICT

Legend

- Parcels
- ROW
- Channel Improvement Easement
- Levee Easement
- Temporary Easement
- Quarry
- WorkLimits

N

W E

S

386-000-008-08

PR-582

P

Carretera 582

PR-582

PR-582

386-000-007-15

NUM_CATAST	ChannelImprovE	TemporaryEasem	LeveeEasementA
386-000-008-08	117.4488	8.02875	9.620997
386-000-007-15	0	0	0

0 210 420 630 840

US Feet

U.S. ARMY CORPS
OF ENGINEERS
CHICAGO DISTRICT

Legend

Parcels

Channel Improvement Easement

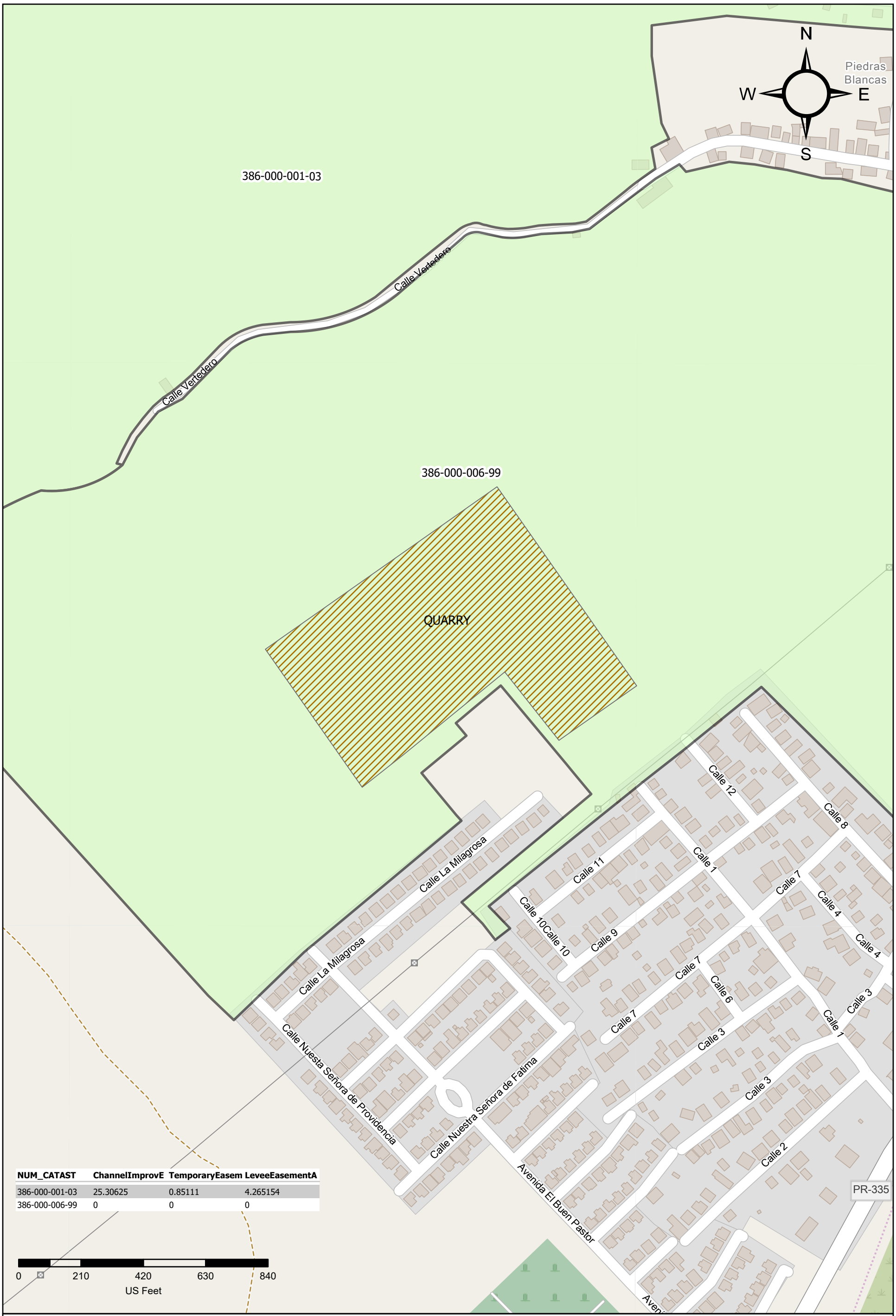
Temporary Easement

WorkLimits

ROW

Levee Easement

Quarry



NUM_CATAST	ChannelImprovE	TemporaryEasem	LeveeEasementA
386-000-001-03	25.30625	0.85111	4.265154
386-000-006-99	0	0	0

U.S. ARMY CORPS
OF ENGINEERS
CHICAGO DISTRICT

Legend

- Parcels
- Channel Improvement Easement
- Temporary Easement
- WorkLimits
- ROW
- Levee Easement
- Quarry

NUM_CATAST	ChannelImprovE	TemporaryEasem	LeveeEasementA
386-000-008-08	117.4488	8.02875	9.620997
386-000-007-15	0	0	0
409-000-002-01	0	0	0

0 210 420 630 840
US Feet

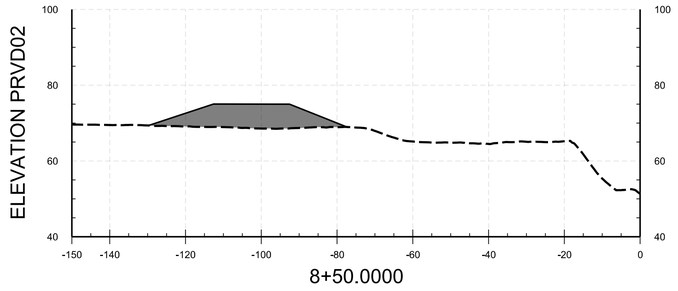
U.S. ARMY CORPS
OF ENGINEERS
CHICAGO DISTRICT

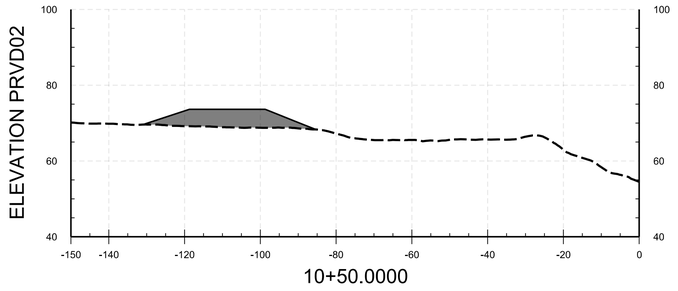
Legend

Parcels
Channel Improvement Easement
Temporary Easement
WorkLimits
ROW
Levee Easement
Quarry

GENERAL NOTES

1. NOTE 1
2. NOTE 2
3. NOTE 3

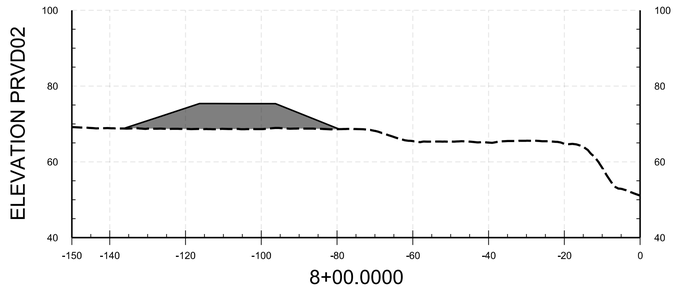


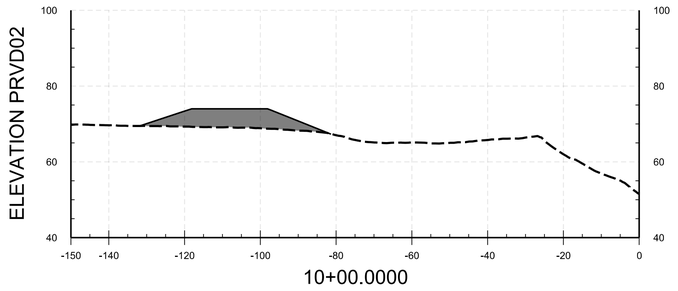


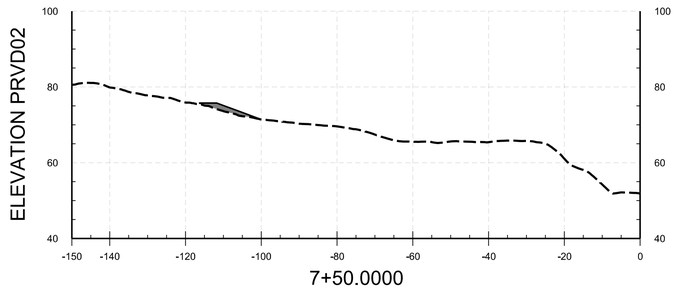
LEGEND

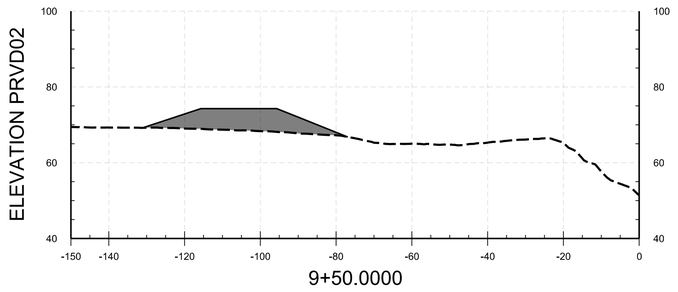
CUT

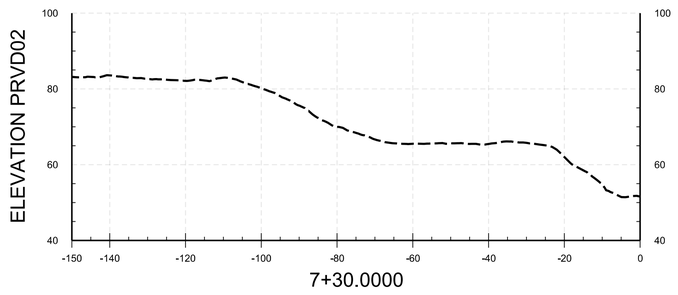
FILL

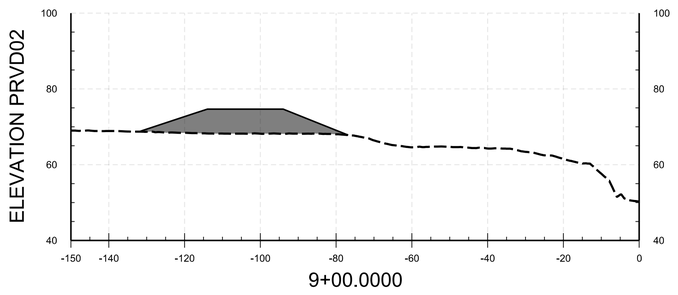












HORIZONTAL SCALE: 0 20' 40'

VERTICAL SCALE: 0 20' 40'

US Army Corps of Engineers®

MARK	DESCRIPTION	DATE

DESIGNED BY: DRS	ISSUE DATE: OCT 2018
DRAWN BY: ARK	SOLICITATION NO.: W912P6-18-B-00XX
CHECKED BY:	CONTRACT NO.: W912P6-18-C-00XX
SUBMITTED BY:	PROJECT ID: 476231
SIZE: ANSI D	FILE NAME: 476231- CG-301.dgn

U.S. ARMY CORPS OF ENGINEERS
CHICAGO DISTRICT
231 S. LASALLE ST. SUITE 1500
CHICAGO, ILLINOIS 60604

RIO GUAYANILLA
GUAYANILLA, PUERTO RICO

CROSS SECTIONS
NORTH EAST LEVEE

SHEET ID

CG-301

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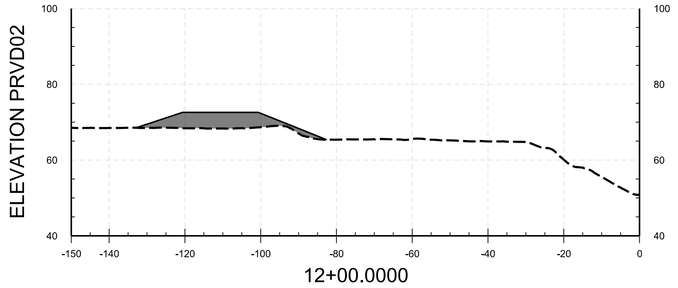
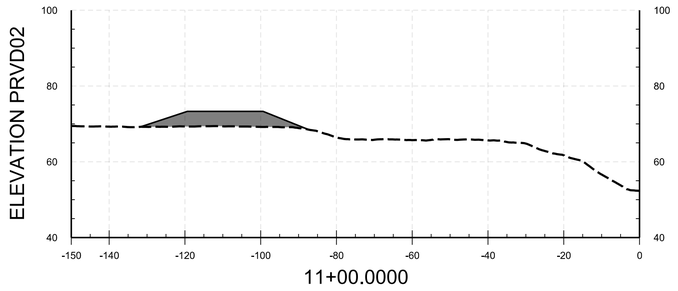
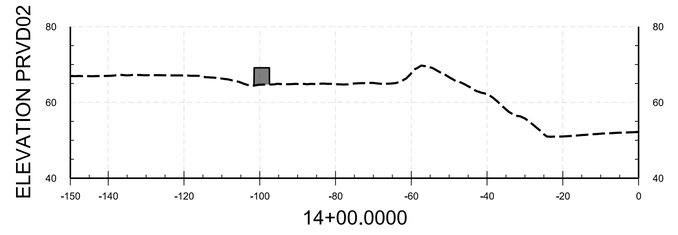
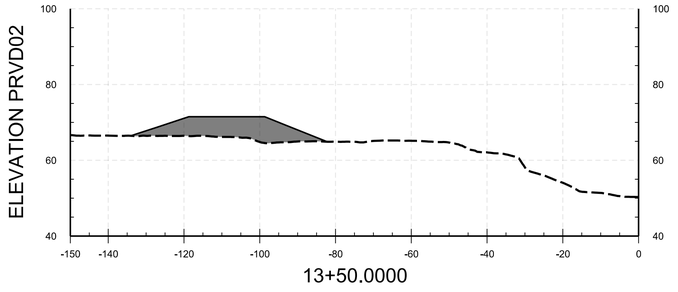
GENERAL NOTES

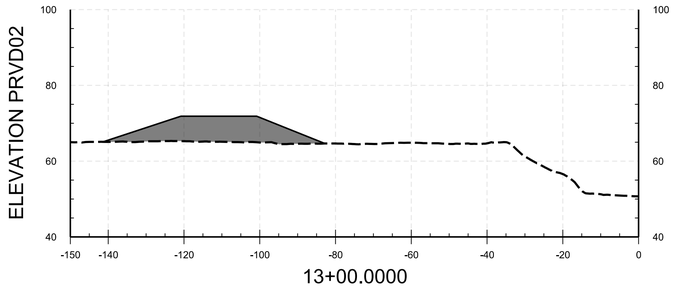
1. NOTE 1
2. NOTE 2
3. NOTE 3

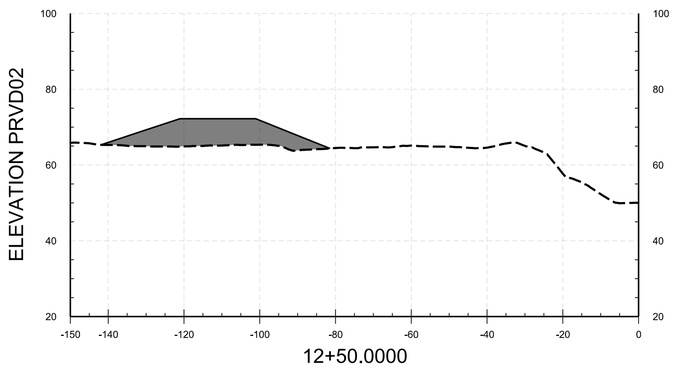












LEGEND

CUT

FILL

HORIZONTAL SCALE: 0 20' 40'

VERTICAL SCALE: 0 20' 40'

US Army Corps of Engineers®

MARK	DESCRIPTION	DATE

DESIGNED BY: DRS	ISSUE DATE: OCT 2018
DRAWN BY: ARK	SOLICITATION NO.: W912P6-18-B-00XX
CHECKED BY:	CONTRACT NO.: W912P6-18-C-00XX
SUBMITTED BY:	PROJECT ID: 476231
SIZE: ANSI D	FILE NAME: 476231- CG-302.dgn

U.S. ARMY CORPS OF ENGINEERS
CHICAGO DISTRICT
231 S. LASALLE ST. SUITE 1500
CHICAGO, ILLINOIS 60604

RIO GUAYANILLA
GUAYANILLA, PUERTO RICO

CROSS SECTIONS NORTH EAST LEVEE

SHEET ID

CG-302

GENERAL NOTES

1. NOTE 1
2. NOTE 2
3. NOTE 3

LEGEND

CUT

FILL

HORIZONTAL SCALE: 0 20' 40'

VERTICAL SCALE: 0 20' 40'

US Army Corps of Engineers®

MARK	DESCRIPTION	DATE

DESIGNED BY: DRS	ISSUE DATE: OCT 2018
DRAWN BY: ARK	SOLICITATION NO.: W912P6-18-B-00XX
CHECKED BY:	CONTRACT NO.: W912P6-18-C-00XX
SUBMITTED BY:	PROJECT ID: 476231
SIZE: ANSI D	FILE NAME: 476231- CG-303.dgn

U.S. ARMY CORPS OF ENGINEERS
CHICAGO DISTRICT
231 S. LASALLE ST. SUITE 1500
CHICAGO, ILLINOIS 60604

RIO GUAYANILLA
GUAYANILLA, PUERTO RICO

CROSS SECTIONS
NORTH EAST LEVEE

SHEET ID

CG-303

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LEGEND

CUT

FILL

GENERAL NOTES

1. NOTE 1
2. NOTE 2
3. NOTE 3

HORIZONTAL SCALE: 0 20' 40'

VERTICAL SCALE: 0 20' 40'

US Army Corps of Engineers®

MARK	DESCRIPTION	DATE

DESIGNED BY: DRS
DRAWN BY: ARK
CHECKED BY:
SUBMITTED BY:
SIZE: ANSI D
ISSUE DATE: OCT 2018
SOLICITATION NO.: W912P6-18-B-00XX
CONTRACT NO.: W912P6-18-C-00XX
PROJECT ID: 476231
FILE NAME: 476231- CG-307.dgn

U.S. ARMY CORPS OF ENGINEERS
CHICAGO DISTRICT
231 S. LASALLE ST., SUITE 1500
CHICAGO, ILLINOIS 60604

RIO GUAYANILLA
GUAYANILLA, PUERTO RICO

CROSS SECTIONS
SOUTH EAST LEVEE

SHEET ID

CG-307

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LEGEND

CUT

FILL

GENERAL NOTES

1. NOTE 1
2. NOTE 2
3. NOTE 3

HORIZONTAL SCALE: 0 20' 40'

VERTICAL SCALE: 0 20' 40'

US Army Corps of Engineers®

MARK	DESCRIPTION	DATE

DESIGNED BY: DRS
DRAWN BY: ARK
CHECKED BY:
SUBMITTED BY:
ISSUE DATE: OCT 2018
SOLICITATION NO.: W912P6-18-B-00XX
CONTRACT NO.: W912P6-18-C-00XX
PROJECT ID: 476231
SIZE: ANSI D
FILE NAME: 476231- CG-308.dgn

U.S. ARMY CORPS OF ENGINEERS
CHICAGO DISTRICT
231 S. LASALLE ST. SUITE 1500
CHICAGO, ILLINOIS 60604

RIO GUAYANILLA
GUAYANILLA, PUERTO RICO

CROSS SECTIONS
SOUTH EAST LEVEE

SHEET ID

CG-308

GENERAL NOTES

1. NOTE 1
2. NOTE 2
3. NOTE 3

LEGEND

- CLEARING & GRUBBING
- LEVEE CREST
- BRIDGE
- NEW ROAD

0 80' 160'

KEYMAP

US Army Corps of Engineers®

MARK	DESCRIPTION	DATE

ISSUE DATE: OCT 2018
SOLICITATION NO.: W912P6-18-B-00XX
CONTRACT NO.: W912P6-18-C-00XX
PROJECT ID: 476231
FILE NAME: 476231- CS-115.dgn

DESIGNED BY: DRS
DRAWN BY: ARK
CHECKED BY:
SUBMITTED BY:
SIZE: ANSI D

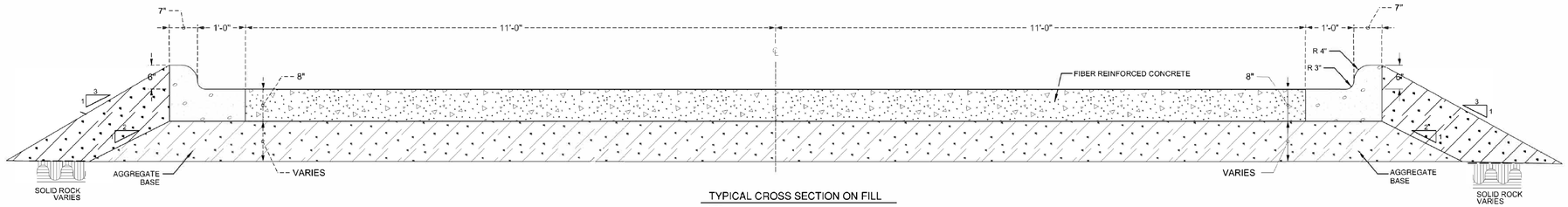
U.S. ARMY CORPS OF ENGINEERS
CHICAGO DISTRICT
231 S. LASALLE ST. SUITE 1500
CHICAGO, ILLINOIS 60604

RIO GUAYANILLA
GUAYANILLA, PUERTO RICO

SITE PLAN
SOUTH BRIDGE & ROAD DESIGN

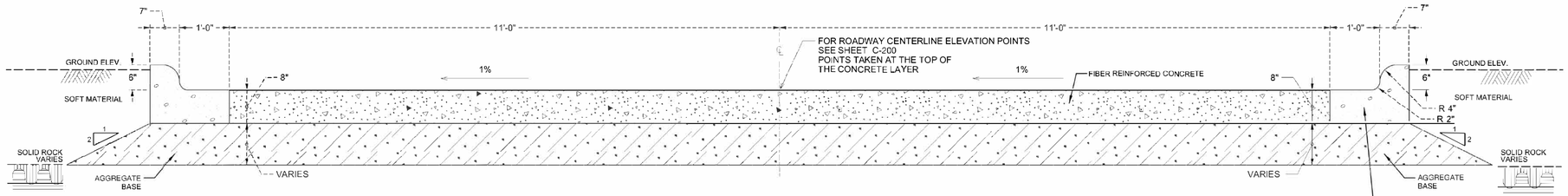
SHEET ID

CS115



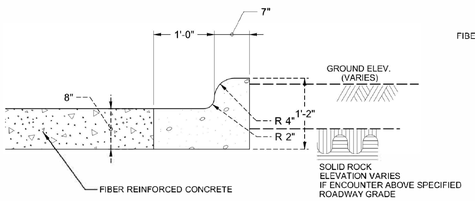
TYPICAL CROSS SECTION ON FILL

NTS

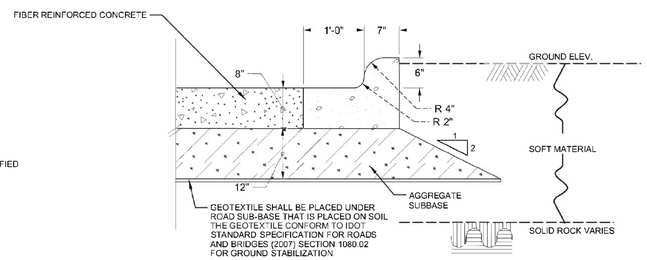


CROSS SECTION IN CUT

NTS



OPTIONAL CROSS SECTION SEE NOTE #1
N.T.S



OPTIONAL CROSS SECTION SEE NOTE #2
N.T.S

NOTE:

1. SOLID ROCK ELEVATION VARIES, IF SOLID ROCK IS ENCOUNTER ABOVE ROADWAY BOTTOM ELEVATION, CONTRACTOR SHALL CUT AND AND REMOVE MATERIAL TO ACHIEVE NECESSARY GRADE.

2. SOLID ROCK ELEVATION VARIES, CONTRACTOR SHALL EXCAVATE TO BED ROCK BUT NO DEEPER THAN 584.0. IN CASE NO SOLID ROCK IS ENCOUNTERED, CONTRACTOR SHALL USE SUBBASE UNDER CONCRETE ROAD.

US Army Corps of Engineers®

MARK	DESCRIPTION	DATE

DESIGNED BY: DRS
DRAWN BY: ARK
CHECKED BY:
ISSUE DATE: OCT 2018
SOLICITATION NO.: W912P6-18-B-00XX
CONTRACT NO.: W912P6-18-C-00XX
PROJECT ID: 476231
SUBMITTED BY:
SIZE: ANSI D
FILE NAME: 476231- C-502.dgn

U.S. ARMY CORPS OF ENGINEERS
CHICAGO DISTRICT
231 S. LASALLE ST. SUITE 1500
CHICAGO, ILLINOIS 60604

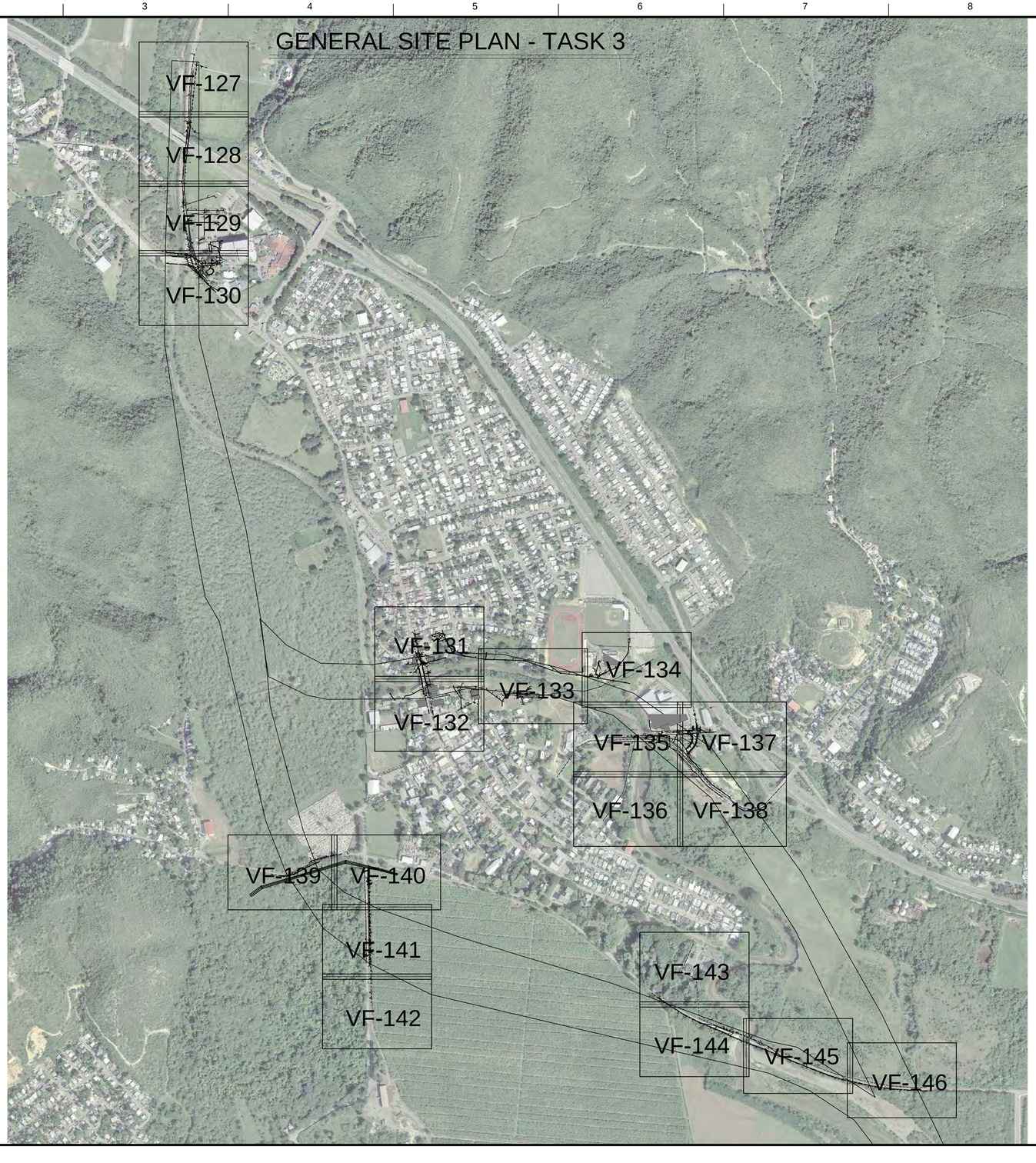
RIO GUAYANILLA
GUAYANILLA, PUERTO RICO

TYPICAL ROAD DETAILS

SHEET ID

C502

GENERAL SITE PLAN - TASK 3



N
W
E
S

NOTE :
FOR IMPORTANT NOTES AND LEGEND,
PLEASE SEE SHEET NO. G-002

GRAPHIC SCALE
120 60 0 120 240 360
SCALE 1 : 6,000

US Army Corps of Engineers

MARK	DESCRIPTION	DATE

ISSUE DATE:
APRIL 2010
SOLICITATION NO.:
W912EP18R0017
CONTRACT NO.:
W912EP19D004

DESIGNED BY:
DRAWN BY: J. CARTAGENA
CHECKED BY: C.LEBRON
SUBMITTED BY: J. BIDOT
SIZE: ANSI D

U.S. ARMY CORPS OF ENGINEERS
JACKSONVILLE DISTRICT
701 SAN MARCO BLDV
JACKSONVILLE, FL 32207

JAVIER E. BIDOT ASSOCIATES, PSC
Land Surveyors & Coastmasters

GUAYANILLA PUERTO RICO
RIO GUAYANILLA
TOPOGRAPHIC & UTILITY SURVEY
COMMONWEALTH OF PUERTO RICO

GENERAL SITE PLAN
TASK 3

SHEET ID
V-126

UTILITY SURVEY - TASK 3

NOTE :
FOR IMPORTANT NOTES AND LEGEND, PLEASE SEE SHEET NO. G-002

GRAPHIC SCALE
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SCALE 1 : 400

US Army Corps of Engineers

MARK	DESCRIPTION	DATE

DESIGNED BY:
DRAWN BY: J. CARTAGENA
CHECKED BY: C.LEBRON
SUBMITTED BY: J. BIDOT
SIZE: ANSI D
ISSUE DATE: APRIL, 2019
SOLICITATION NO.: W912EP18R0017
CONTRACT NO.: W912EP19D004

U.S. ARMY CORPS OF ENGINEERS
JACKSONVILLE DISTRICT
701 SAN MARCO BLDV
JACKSONVILLE, FL 32207

JAVIER E. BIDOT ASSOCIATES, PSC
Land Surveyors & Consultants

GUAYANILLA, PUERTO RICO
RIO GUAYANILLA
TOPOGRAPHIC & UTILITY SURVEY
COMMONWEALTH OF PUERTO RICO

UTILITY SURVEY
TASK 3

SHEET ID
V-127

US Army Corps of Engineers

MARK	DESCRIPTION	DATE

DESIGNED BY:
DRAWN BY: J. CARTAGENA
CHECKED BY: C.LEBRON
SUBMITTED BY: J. BIDOT
SIZE: ANSI D

ISSUE DATE: APRIL, 2019
SOLICITATION NO.: W912EP18R0017
CONTRACT NO.: W912EP19D004

U.S. ARMY CORPS OF ENGINEERS
JACKSONVILLE DISTRICT
701 SAN MARCO BLDV
JACKSONVILLE, FL 32207

JAVIER E. BIDOT ASSOCIATES, PSC
Land Surveyors & Consultants

GUAYANILLA, PUERTO RICO
RIO GUAYANILLA
TOPOGRAPHIC & UTILITY SURVEY
COMMONWEALTH OF PUERTO RICO

UTILITY SURVEY
TASK 3

SHEET ID
V-128

UTILITY SURVEY - TASK 3

MATCHLINE SHEET NO. V-128

MATCHLINE SHEET NO. V-129

I.E.=SEALED
LWE=26.09
12" I PVC SAN
8" Ø SAN
ESTIMATED DEPTH 3 FT
S.M.H.
T.E.=20.93
I.E.=18.45
S.M.H.
T.E.=19.99
I.E.=18.35
C.B.
T.E.=19.50
I.E.=CLOGGED
54" I
C.B.
T.E.=16.65
I.E.=17.34
15" I
C.B.
T.E.=19.82
I.E.=17.38
SD
LWE=25.06
ESTIMATED DEPTH 2 FT
BH-2
G.E.=19.840
T.P.E.=19.181
LWE=27.62
E.M.H.
T.E.=20.42
CONCRETE SLAB
LWE=23.87
UTILITY SURVEY LIMITS
S.M.H.
T.E.=19.80
I.E.=SEALED
LWE=24.03
GUAYANILLA RIVER
ASPHALT ROAD
LWE=27.78
ESTIMATED DEPTH 2FT
S.M.H.
T.E.=20.46
I.E.=18.46
LWE=24.96
ST.M.H.
T.E.=20.36
I.E.=19.17
ESTIMATED DEPTH 1 FT
LWE=23.86
LWE=26.11
UNDG. COMMUNICATION LINE (AS REPORTED CLARO LLC.)
LWE=26.09

MATCHLINE SHEET NO. V-129

MATCHLINE SHEET NO. V-130

NOTE :
FOR IMPORTANT NOTES AND LEGEND, PLEASE SEE SHEET NO. G-002

GRAPHIC SCALE
8 4 0 8 16 24
SCALE 1 : 400

US Army Corps of Engineers

MARK	DESCRIPTION	DATE

ISSUE DATE: APRIL 2010
SOLICITATION NO.: W912EP18R0017
CONTRACT NO.: W912EP19D004

DESIGNED BY:
DRAWN BY: J. CARTAGENA
CHECKED BY: C.LEBRON
SUBMITTED BY: J. BIDOT
SCALE: ANSI D

U.S. ARMY CORPS OF ENGINEERS
JACKSONVILLE DISTRICT
701 SAN MARCO BLDV
JACKSONVILLE, FL 32207

JAVIER E. BIDOT ASSOCIATES, PSC
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Phone (787)-626-0000 Fax (787)-626-0001

GUAYANILLA, PUERTO RICO
RIO GUAYANILLA
TOPOGRAPHIC & UTILITY SURVEY
COMMONWEALTH OF PUERTO RICO

UTILITY SURVEY
TASK 3

SHEET ID
V-129

UTILITY SURVEY - TASK 3

MATCHLINE SHEET NO. V-129

MATCHLINE SHEET NO. V-130

UTILITY SURVEY LIMITS

UTILITY SURVEY LIMITS

STATE ROAD PR-127

STATE ROAD PR-127

GUAYANILLA RIVER

UNDG. COMMUNICATION LINE (AS REPORTED CLARO LLC.)

WATER METER BOX

WATER FOUNTAIN

ESTIMATED DEPTH 1 FT

ESTIMATED DEPTH 2 FT

ESTIMATED DEPTH 3 FT

ESTIMATED DEPTH 4 FT

ESTIMATED DEPTH 0.5 FT

LWE=23.86

LWE=28.11

LWE=26.09

LWE=29.07

LWE=25.18

LWE=25.60

LWE=26.41

LWE=24.66

LWE=26.90

LWE=24.62

LWE=24.99

LWE=24.88

S.M.H. T.E.=20.25 I.E.=18.06

S.M.H. T.E.=19.56 I.E.=UNDER ASPHALT

ST.M.H. T.E.=19.67 I.E.=17.64 (SEDIMENTED)

ST.M.H. T.E.=19.61 I.E.=16.29 (SEDIMENTED)

S.M.H. T.E.=19.22 I.E.=SEALED

S.M.H. T.E.=19.22 I.E.=SEALED

ST.M.H. T.E.=19.27 I.E.=17.75 (SEDIMENTED)

ST.M.H. T.E.=19.43 I.E.=17.01 (SEDIMENTED)

S.M.H. T.E.=19.28 I.E.=17.89

S.M.H. T.E.=19.22 I.E.=SEALED

S.M.H. T.E.=18.98 I.E.=12.85

S.M.H. T.E.=19.62 I.E.=18.38 (SURCHARGE)

C.B. T.E.=19.53 I.E.=18.54

C.B. T.E.=19.67 I.E.=17.31

C.B. T.E.=19.33 I.E.=17.13

C.B. T.E.=19.54 I.E.=17.23

C.B. T.E.=19.02 I.E.=18.34 (SEDIMENTED)

NOTE :
FOR IMPORTANT NOTES AND LEGEND, PLEASE SEE SHEET NO. G-002

GRAPHIC SCALE
8 4 0 8 16 24
SCALE 1 : 400

US Army Corps of Engineers

MARK	DESCRIPTION	DATE

ISSUE DATE: APRIL 2019
SOLICITATION NO.: W912EP18R0017
CONTRACT NO.: W912EP19D004

DESIGNED BY:
DRAWN BY: J. CARTAGENA
CHECKED BY: C.LEBRON
SUBMITTED BY: J. BIDOT
SCALE: ANSI D

U.S. ARMY CORPS OF ENGINEERS
JACKSONVILLE DISTRICT
701 SAN MARCO BLDV
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GUAYANILLA, PUERTO RICO
RIO GUAYANILLA
TOPOGRAPHIC & UTILITY SURVEY
COMMONWEALTH OF PUERTO RICO

UTILITY SURVEY

SHEET ID

V-130

UTILITY SURVEY - TASK 3

NOTE :
FOR IMPORTANT NOTES AND LEGEND,
PLEASE SEE SHEET NO. G-002

GRAPHIC SCALE
8 4 0 8 16 24
SCALE 1 : 400

US Army Corps of Engineers

MARK	DESCRIPTION	DATE

ISSUE DATE:
APRIL 2019
SOLICITATION NO.:
W912EP18R0017
CONTRACT NO.:
W912EP19D004

DESIGNED BY:
DRAWN BY:
J. CARTAGENA
CHECKED BY:
C.LEBRON
SUBMITTED BY:
J. BIDOT
SIZE
ANSI D

U.S. ARMY CORPS OF ENGINEERS
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701 SAN MARCO BLDV
JACKSONVILLE, FL 32207

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Land Surveyors & Consultants
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GUAYANILLA, PUERTO RICO
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TOPOGRAPHIC & UTILITY SURVEY
COMMONWEALTH OF PUERTO RICO

UTILITY SURVEY
TASK 3

SHEET ID

V-131

UTILITY SURVEY - TASK 3

US Army Corps of Engineers

MARK	DESCRIPTION	DATE

DESIGNED BY:
DRAWN BY: J. CARTAGENA
CHECKED BY: C.LEBRON
SUBMITTED BY: J. BIDOT
SIZE: ANSI D
ISSUE DATE: APRIL 2019
SOLICITATION NO.: W912EP-18-R-0017
CONTRACT NO.: W912EP19D004

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JACKSONVILLE DISTRICT
701 SAN MARCO BLDV
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Land Surveyors & Consultants
Puerto Rico Lic. No. 19 / Florida Lic. No. LB 7870

GUAYANILLA, PUERTO RICO
RIO GUAYANILLA
TOPOGRAPHIC & UTILITY SURVEY
COMMONWEALTH OF PUERTO RICO

UTILITY SURVEY
TASK 3

SHEET ID
V-132

UTILITY SURVEY - TASK 3

NOTE :
FOR IMPORTANT NOTES AND LEGEND, PLEASE SEE SHEET NO. G-002

GRAPHIC SCALE
8 4 0 8 16 24
SCALE 1 : 400

US Army Corps of Engineers

MARK	DESCRIPTION	DATE

DESIGNED BY:
DRAWN BY: J. CARTAGENA
CHECKED BY: C.LEBRON
SUBMITTED BY: J. BIDOT
SIZE: ANSI D

ISSUE DATE: APRIL, 2019
SOLICITATION NO.: W912EP18R0017
CONTRACT NO.: W912EP19D004

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GUAYANILLA, PUERTO RICO
RIO GUAYANILLA
TOPOGRAPHIC & UTILITY SURVEY
COMMONWEALTH OF PUERTO RICO

UTILITY SURVEY
TASK 3

SHEET ID
V-133

UTILITY SURVEY - TASK 3

NOTE :
FOR IMPORTANT NOTES AND LEGEND, PLEASE SEE SHEET NO. G-002

GRAPHIC SCALE
8 4 0 8 16 24
SCALE 1 : 400

US Army Corps of Engineers

MARK	DESCRIPTION	DATE

DESIGNED BY:
DRAWN BY: J. CARTAGENA
CHECKED BY: C.LEBRON
SUBMITTED BY: J. BIDOT
SIZE: ANSI D
ISSUE DATE: APRIL, 2019
SOLICITATION NO.: W912EP18R0017
CONTRACT NO.: W912EP19D004

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TOPOGRAPHIC & UTILITY SURVEY
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UTILITY SURVEY
TASK 3

SHEET ID
V-134

UTILITY SURVEY - TASK 3

US Army Corps of Engineers

MARK	DESCRIPTION	DATE

DESIGNED BY:
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CHECKED BY: C.LEBRON
SUBMITTED BY: J. BIDOT
SIZE: ANSI D

ISSUE DATE: APRIL 2019
SOLICITATION NO.: W912EP-18R0017
CONTRACT NO.: W912EP19D004

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JACKSONVILLE DISTRICT
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Puerto Rico Number 3111, CRM-0027

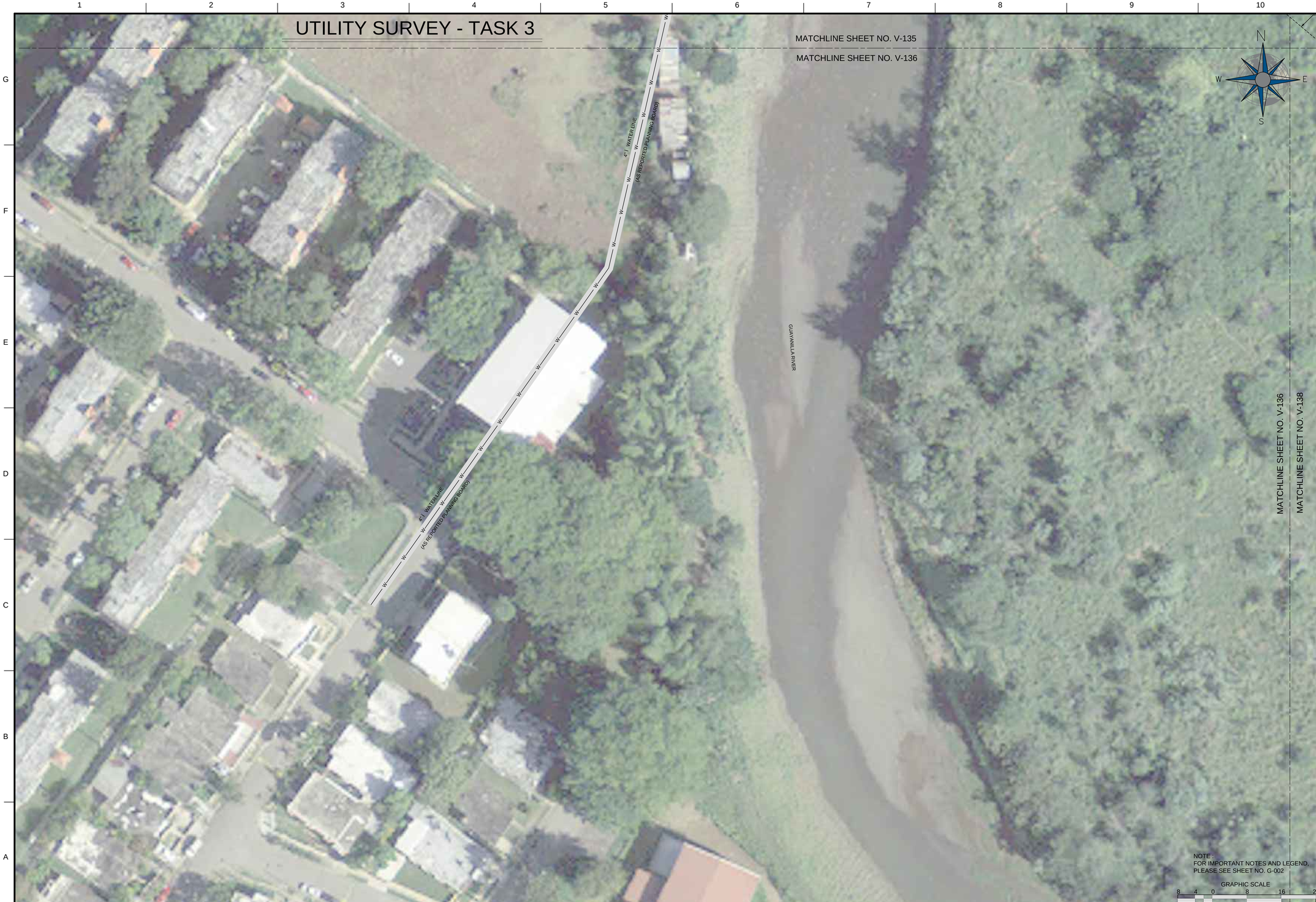
GUAYANILLA, PUERTO RICO
RIO GUAYANILLA
TOPOGRAPHIC & UTILITY SURVEY
COMMONWEALTH OF PUERTO RICO

UTILITY SURVEY
TASK 3

SHEET ID

V-135

UTILITY SURVEY - TASK 3



NOTE :
FOR IMPORTANT NOTES AND LEGEND, PLEASE SEE SHEET NO. G-002

GRAPHIC SCALE
8 4 0 8 16 24
SCALE 1 : 400

US Army Corps of Engineers

MARK	DESCRIPTION	DATE

DESIGNED BY:
DRAWN BY: J. CARTAGENA
CHECKED BY: C.LEBRON
SUBMITTED BY: J. BIDOT
SIZE: ANSI D

ISSUE DATE: APRIL, 2019
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CONTRACT NO.: W912EP19D004

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701 SAN MARCO BLDV
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GUAYANILLA, PUERTO RICO
RIO GUAYANILLA
TOPOGRAPHIC & UTILITY SURVEY
COMMONWEALTH OF PUERTO RICO

UTILITY SURVEY
TASK 3

SHEET ID
V-136

UTILITY SURVEY - TASK 3

M-1011

MATCHLINE SHEET NO. V-135

MATCHLINE SHEET NO. V-137

STATE ROAD PR-2

UTILITY SURVEY LIMITS

LWE=14.82

ST.M.H.
T.E.=9.63
I.E.=SEDIMENTED

18" Ø

CONCRETE PIPE
I.E.=8.86

LWE=14.23

ESTIMATED
DEPTH 2 FT

ESTIMATED
DEPTH 1 FT

METAL CAP

TEL/E

ESTIMATED
DEPTH 1.5 FT

6" I METAL

LWE=15.94

ESTIMATED
DEPTH 2 FT

C.B.
T.E.=9.42
I.E.=8.53 (SEDIMENTED)

LWE=16.03

LWE=16.41

CONCRETE PIPE
T.E.=8.88
I.E.=8.54 (SEDIMENTED)

ESTIMATED
DEPTH 2 FT

ST.M.H.
T.E.=9.41
I.E.=8.49 (SEDIMENTED)

LWE=13.72

ST.M.H.
T.E.=9.39
I.E.=8.56 (SEDIMENTED)

CONCRETE PIPE
T.E.=8.94
I.E.=8.73 (SEDIMENTED)

ESTIMATED
DEPTH 1 FT

ESTIMATED
DEPTH 1.5 FT

ESTIMATED
DEPTH 2 FT

19-101-8

E.M.H.
T.E.=9.58
I.E.=CLOGGED

STATE ROAD
PR-127

UNK

METAL CAP

ESTIMATED
DEPTH 2 FT

ESTIMATED
DEPTH 1 FT

UTILITY SURVEY LIMITS

19-101-7

MATCHLINE SHEET NO. V-137

MATCHLINE SHEET NO. V-138

NOTE :
FOR IMPORTANT NOTES AND LEGEND,
PLEASE SEE SHEET NO. G-002

GRAPHIC SCALE
8 4 0 8 16 24
SCALE 1 : 400

US Army Corps of Engineers

MARK	DESCRIPTION	DATE

DESIGNED BY:	
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CHECKED BY: C.LEBRON	SOLICITATION NO.: W912EP18R0017
SUBMITTED BY: J. BIDOT	CONTRACT NO.: W912EP19D004
SIZE: ANSI D	

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GUAYANILLA, PUERTO RICO
RIO GUAYANILLA
TOPOGRAPHIC & UTILITY SURVEY
COMMONWEALTH OF PUERTO RICO

UTILITY SURVEY
TASK 3

SHEET ID

V-137

UTILITY SURVEY - TASK 3

NOTE :
FOR IMPORTANT NOTES AND LEGEND, PLEASE SEE SHEET NO. G-002

GRAPHIC SCALE
8 4 0 8 16 24
SCALE 1 : 400

US Army Corps of Engineers

MARK	DESCRIPTION	DATE

ISSUE DATE: APRIL, 2019
SOLICITATION NO.: W912EP18R0017
CONTRACT NO.: W912EP19D004

DESIGNED BY:
DRAWN BY: J. CARTAGENA
CHECKED BY: C.LEBRON
SUBMITTED BY: J. BIDOT
SIZE: ANSI D

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701 SAN MARCO BLDV
JACKSONVILLE, FL 32207

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Land Surveyors & Consultants

GUAYANILLA, PUERTO RICO
RIO GUAYANILLA
TOPOGRAPHIC & UTILITY SURVEY
COMMONWEALTH OF PUERTO RICO

UTILITY SURVEY
TASK 3

SHEET ID
V-138

UTILITY SURVEY - TASK 3

US Army Corps of Engineers

MARK	DESCRIPTION	DATE

ISSUE DATE: APRIL, 2019
SOLICITATION NO.: W912EP18R0017
CONTRACT NO.: W912EP19D004

DESIGNED BY:
DRAWN BY: J. CARTAGENA
CHECKED BY: C.LEBRON
SUBMITTED BY: J. BIDOT
SIZE: ANSI D

U.S. ARMY CORPS OF ENGINEERS
JACKSONVILLE DISTRICT
701 SAN MARCO BLDV
JACKSONVILLE, FL 32207

JAVIER E. BIDOT ASSOCIATES, PSC
Land Surveyors & Consultants

GUAYANILLA, PUERTO RICO
RIO GUAYANILLA
TOPOGRAPHIC & UTILITY SURVEY
COMMONWEALTH OF PUERTO RICO

UTILITY SURVEY
TASK 3

SHEET ID
V-139

UTILITY SURVEY - TASK 3

NOTE :
FOR IMPORTANT NOTES AND LEGEND, PLEASE SEE SHEET NO. G-002

GRAPHIC SCALE
8 4 0 8 16 24
SCALE 1 : 400

US Army Corps of Engineers

MARK	DESCRIPTION	DATE

DESIGNED BY:
DRAWN BY: J. CARTAGENA
CHECKED BY: C.LEBRON
SUBMITTED BY: J. BIDOT
SIZE: ANSI D

ISSUE DATE: APRIL, 2019
SOLICITATION NO.: W912EP18R0017
CONTRACT NO.: W912EP19D004

U.S. ARMY CORPS OF ENGINEERS
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JACKSONVILLE, FL 32207

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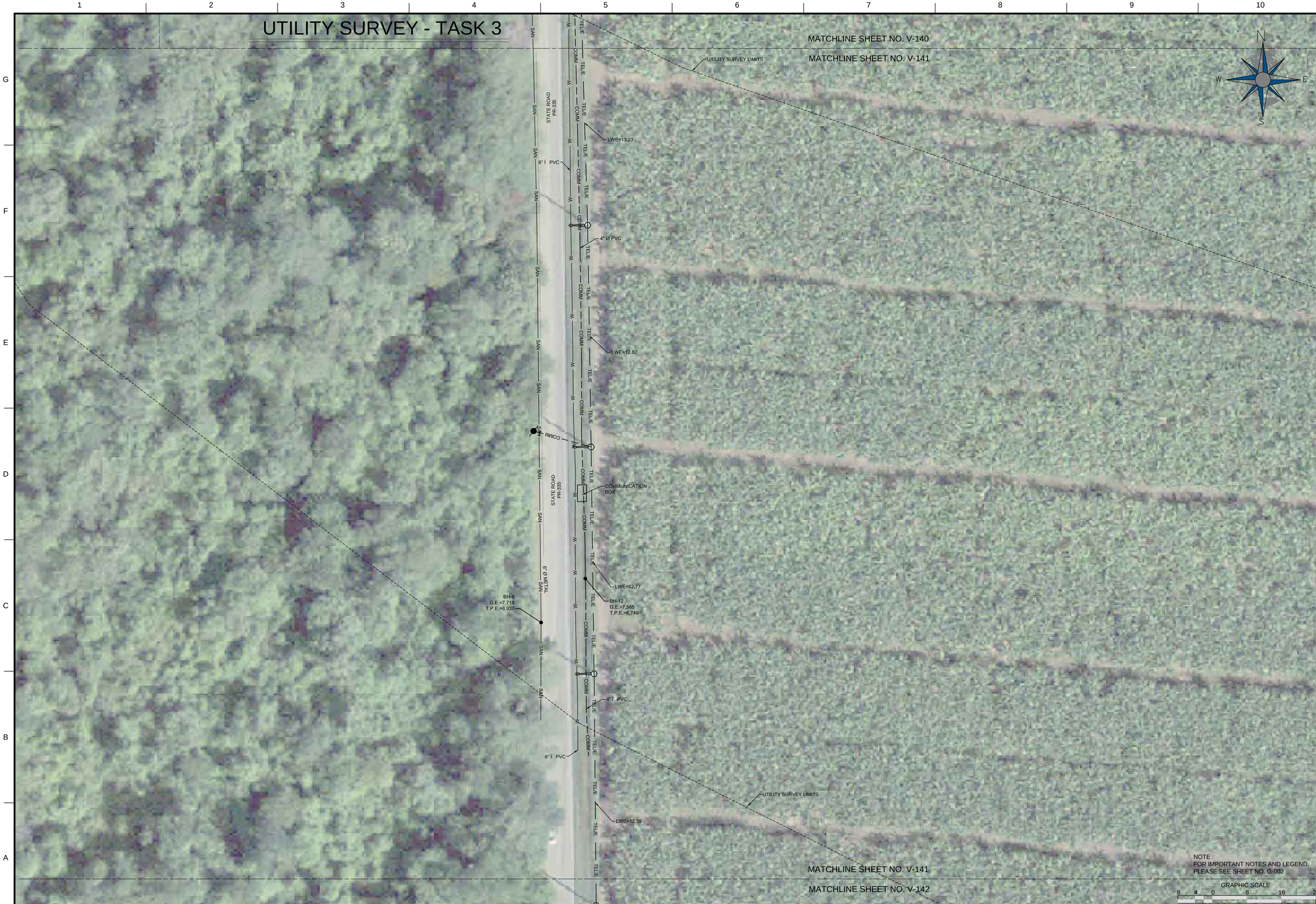
GUAYANILLA, PUERTO RICO
RIO GUAYANILLA
TOPOGRAPHIC & UTILITY SURVEY
COMMONWEALTH OF PUERTO RICO

UTILITY SURVEY
TASK 3

SHEET ID
V-140

UTILITY SURVEY - TASK 3



NOTE :
FOR IMPORTANT NOTES AND LEGEND, PLEASE SEE SHEET NO. G-002

GRAPHIC SCALE
8 4 0 8 16 24
SCALE 1 : 400

US Army Corps of Engineers

MARK	DESCRIPTION	DATE

ISSUE DATE: APRIL, 2019
SOLICITATION NO.: W912EP18R0017
CONTRACT NO.: W912EP19D004

DESIGNED BY:
DRAWN BY: J. CARTAGENA
CHECKED BY: C.LEBRON
SUBMITTED BY: J. BIDOT
SIZE: ANSI D

U.S. ARMY CORPS OF ENGINEERS
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701 SAN MARCO BLDV
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Land Surveyors & Consultants

GUAYANILLA, PUERTO RICO
RIO GUAYANILLA
TOPOGRAPHIC & UTILITY SURVEY
COMMONWEALTH OF PUERTO RICO

UTILITY SURVEY
TASK 3

SHEET ID
V-141

UTILITY SURVEY - TASK 3

MATCHLINE SHEET NO. V-141

MATCHLINE SHEET NO. V-142

STATE ROAD PR-335

TELE

19-101-3

NOTE :
FOR IMPORTANT NOTES AND LEGEND,
PLEASE SEE SHEET NO. G-002

GRAPHIC SCALE
8 4 0 8 16 24
SCALE 1 : 400

US Army Corps of Engineers

MARK	DESCRIPTION	DATE

ISSUE DATE:
APRIL 2019
SOLICITATION NO:
W912EP18R0017
CONTRACT NO.:
W912EP19D004

DESIGNED BY:
DRAWN BY:
J. CARTAGENA
CHECKED BY:
C.LEBRON
SUBMITTED BY:
J. BIDOT
SCALE:
ANSI D

U.S. ARMY CORPS OF ENGINEERS
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701 SAN MARCO BLDV
JACKSONVILLE, FL 32207

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Land Surveyors & Consultants

GUAYANILLA, PUERTO RICO
RIO GUAYANILLA
TOPOGRAPHIC & UTILITY SURVEY
COMMONWEALTH OF PUERTO RICO

UTILITY SURVEY
TASK 3

SHEET ID

V-142

UTILITY SURVEY - TASK 3

NOTE :
FOR IMPORTANT NOTES AND LEGEND, PLEASE SEE SHEET NO. G-002

GRAPHIC SCALE
8 4 0 8 16 24
SCALE 1 : 400

US Army Corps of Engineers

MARK	DESCRIPTION	DATE

DESIGNED BY:
DRAWN BY: J. CARTAGENA
CHECKED BY: C.LEBRON
SUBMITTED BY: J. BIDOT
SIZE: ANSI D

ISSUE DATE: APRIL, 2019
SOLICITATION NO.: W912EP18R0017
CONTRACT NO.: W912EP19D004

U.S. ARMY CORPS OF ENGINEERS
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GUAYANILLA, PUERTO RICO
RIO GUAYANILLA
TOPOGRAPHIC & UTILITY SURVEY
COMMONWEALTH OF PUERTO RICO

UTILITY SURVEY
TASK 3

SHEET ID
V-143

UTILITY SURVEY - TASK 3

NOTE :
FOR IMPORTANT NOTES AND LEGEND, PLEASE SEE SHEET NO. G-002

GRAPHIC SCALE
8 4 0 8 16 24
SCALE 1 : 400

US Army Corps of Engineers

MARK	DESCRIPTION	DATE

ISSUE DATE: APRIL, 2019
SOLICITATION NO.: W912EP18R0017
CONTRACT NO.: W912EP19D004

DESIGNED BY:
DRAWN BY: J. CARTAGENA
CHECKED BY: C.LEBRON
SUBMITTED BY: J. BIDOT
SIZE: ANSI D

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Land Surveyors & Consultants

GUAYANILLA, PUERTO RICO
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COMMONWEALTH OF PUERTO RICO

UTILITY SURVEY
TASK 3

SHEET ID
V-144

UTILITY SURVEY - TASK 3

NOTE :
FOR IMPORTANT NOTES AND LEGEND, PLEASE SEE SHEET NO. G-002

GRAPHIC SCALE
8 4 0 8 16 24
SCALE 1 : 400

US Army Corps of Engineers

MARK	DESCRIPTION	DATE

DESIGNED BY:
DRAWN BY: J. CARTAGENA
CHECKED BY: C.LEBRON
SUBMITTED BY: J. BIDOT
SIZE: ANSI D
ISSUE DATE: APRIL, 2019
SOLICITATION NO.: W912EP18R0017
CONTRACT NO.: W912EP19D004

U.S. ARMY CORPS OF ENGINEERS
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701 SAN MARCO BLDV
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Land Surveyors & Consultants

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RIO GUAYANILLA
TOPOGRAPHIC & UTILITY SURVEY
COMMONWEALTH OF PUERTO RICO

UTILITY SURVEY
TASK 3

SHEET ID
V-145

UTILITY SURVEY - TASK 3

NOTE :
FOR IMPORTANT NOTES AND LEGEND, PLEASE SEE SHEET NO. G-002

GRAPHIC SCALE
8 4 0 8 16 24
SCALE 1 : 400

US Army Corps of Engineers

MARK	DESCRIPTION	DATE

DESIGNED BY:
DRAWN BY: J. CARTAGENA
CHECKED BY: C.LEBRON
SUBMITTED BY: J. BIDOT
SIZE: ANSI D

ISSUE DATE: APRIL, 2019
SOLICITATION NO.: W912EP18R0017
CONTRACT NO.: W912EP19D004

U.S. ARMY CORPS OF ENGINEERS
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701 SAN MARCO BLDV
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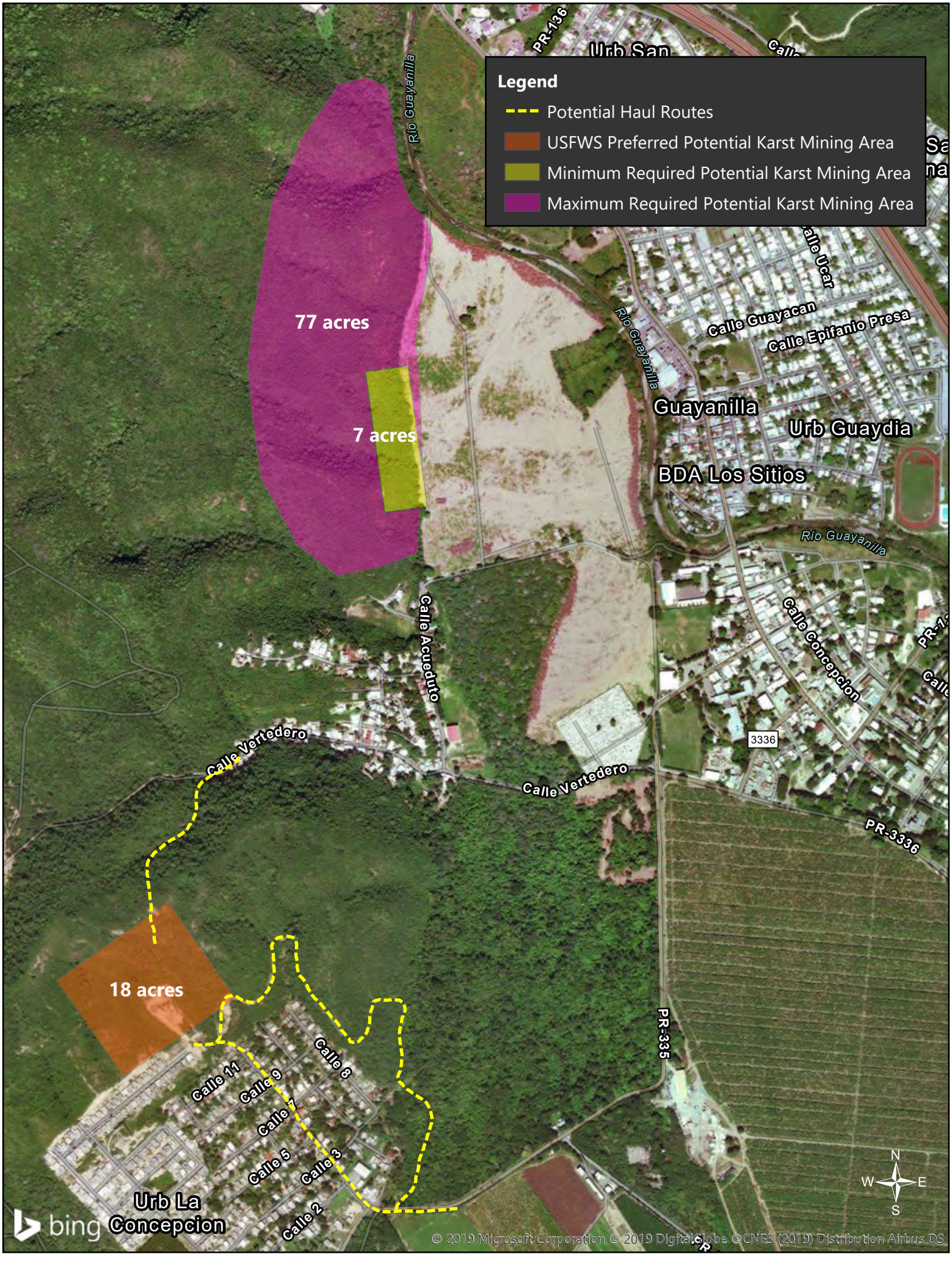
Land Surveyors & Consultants

GUAYANILLA, PUERTO RICO
RIO GUAYANILLA
TOPOGRAPHIC & UTILITY SURVEY
COMMONWEALTH OF PUERTO RICO

UTILITY SURVEY
TASK 3

SHEET ID
V-146


Legend
Potential Haul Routes
USFWS Preferred Potential Karst Mining Area
Minimum Required Potential Karst Mining Area
Maximum Required Potential Karst Mining Area
77 acres
7 acres
18 acres
PR-136
Río Guayanilla
Urb San
Calle Ucar
Calle Guayacan
Calle Epifanio Presa
Guayanilla
Urb Guaydia
BDA Los Sitios
Río Guayanilla
Calle Concepcion
PR-12
Calle Acueducto
Calle Vertedero
Calle Vertedero
3336
PR-3336
PR-335
Calle 11
Calle 9
Calle 7
Calle 5
Calle 3
Calle 2
Calle 8
Urb La Concepcion
N
W
E
S
bing
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GENERAL NOTES

1. NOTE 1
2. NOTE 2
3. NOTE 3

LEGEND

CLEARING & GRUBBING

LEVEE CREST

0 40' 80'

KEYMAP

US Army Corps of Engineers®

MARK	DESCRIPTION	DATE

DESIGNED BY: DRS
DRAWN BY: ARK
CHECKED BY:
SUBMITTED BY:
SIZE: ANSI D
ISSUE DATE: OCT 2018
SOLICITATION NO.: W912P6-18-B-00XX
CONTRACT NO.: W912P6-18-C-00XX
PROJECT ID: 476231
FILE NAME: 476231- CS-119.dgn

U.S. ARMY CORPS OF ENGINEERS
CHICAGO DISTRICT
231 S. LASALLE ST. SUITE 1500
CHICAGO, ILLINOIS 60604

RIO GUAYANILLA
GUAYANILLA, PUERTO RICO

SITE PLAN
EL FARO LEVEE

SHEET ID

CS119

GENERAL NOTES

1. NOTE 1
2. NOTE 2
3. NOTE 3

LEGEND

CLEARING & GRUBBING

LEVEE CREST

0 40' 80'

KEYMAP

US Army Corps of Engineers®

MARK	DESCRIPTION	DATE

DESIGNED BY: DRS	ISSUE DATE: OCT 2018
DRAWN BY: ARK	SOLICITATION NO.: W912P6-18-B-00XX
CHECKED BY:	CONTRACT NO.: W912P6-18-C-00XX
SUBMITTED BY:	PROJECT ID: 476231
SIZE: ANSI D	FILE NAME: 476231- CS-120.dgn

U.S. ARMY CORPS OF ENGINEERS
CHICAGO DISTRICT
231 S. LASALLE ST. SUITE 1500
CHICAGO, ILLINOIS 60604

RIO GUAYANILLA
GUAYANILLA, PUERTO RICO

SITE PLAN
EL FARO LEVEE

SHEET ID

CS120

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GENERAL NOTES

1. NOTE 1
2. NOTE 2
3. NOTE 3

LEGEND

CLEARING & GRUBBING

LEVEE CREST

0 40' 80'

KEYMAP

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	W912P6-18-C-00XX
SUBMITTED BY:	PROJECT ID:
	476231
SIZE:	FILE NAME:
ANSI D	476231- CS-121.dgn

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SHEET ID

CS121

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GENERAL NOTES

1. NOTE 1
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3. NOTE 3

LEGEND

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SIZE: ANSI D	FILE NAME: 476231- CS-122.dgn

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SITE PLAN
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CS122

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SUBMITTED BY:	PROJECT ID: 476231
SIZE: ANSI D	FILE NAME: 476231- CG-350.dgn

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CHICAGO, ILLINOIS 60604

RIO GUAYANILLA
GUAYANILLA, PUERTO RICO

CROSS SECTIONS
EL FARO LEVEE

SHEET ID

CG-350

LEGEND

CUT

FILL

HORIZONTAL SCALE: 0 20' 40'

VERTICAL SCALE: 0 20' 40'

US Army Corps of Engineers®

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SUBMITTED BY:	PROJECT ID: 476231
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CHICAGO, ILLINOIS 60604

RIO GUAYANILLA
GUAYANILLA, PUERTO RICO

CROSS SECTIONS
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SHEET ID

CG-351

LEGEND

CUT

FILL

HORIZONTAL SCALE: 0 20' 40'

VERTICAL SCALE: 0 20' 40'

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SOLICITATION NO.: W912P6-18-B-00XX
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PROJECT ID: 476231
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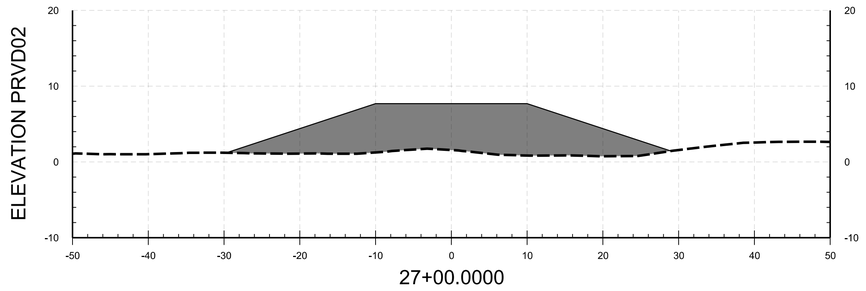
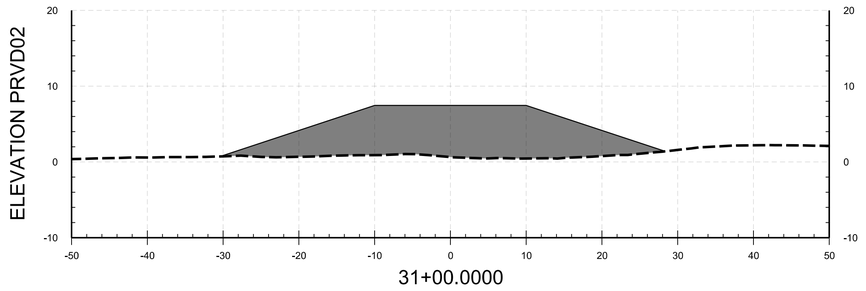
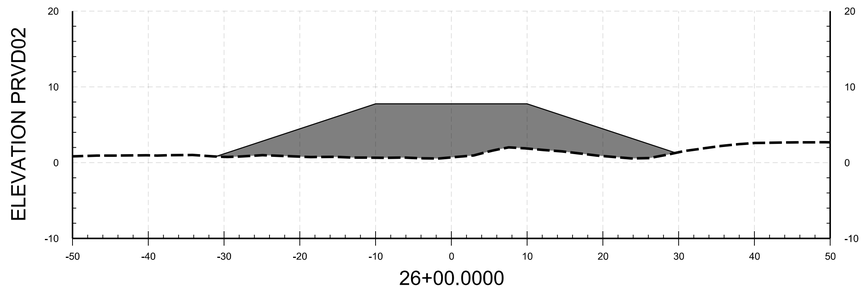
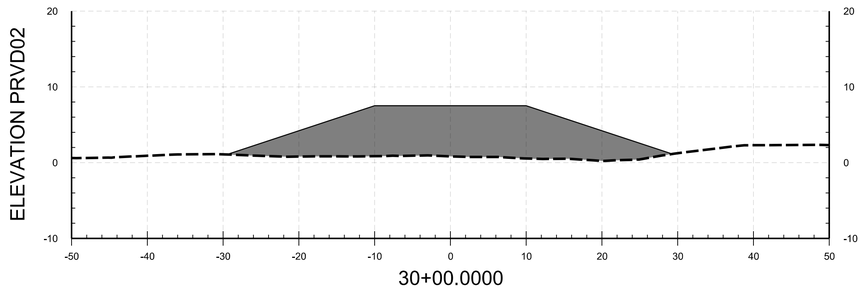
SHEET ID

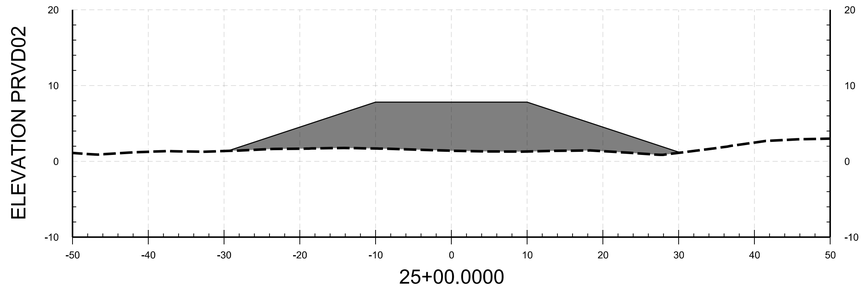
CG-352

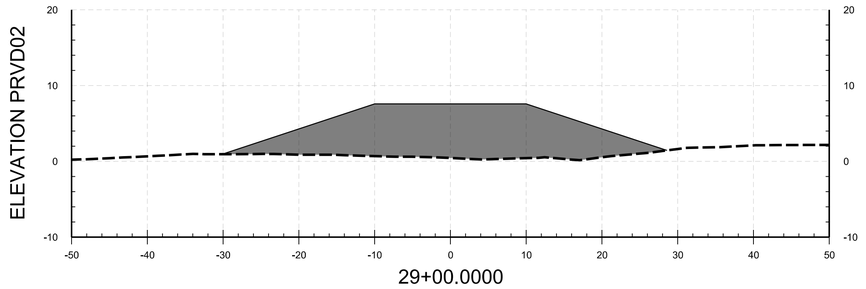


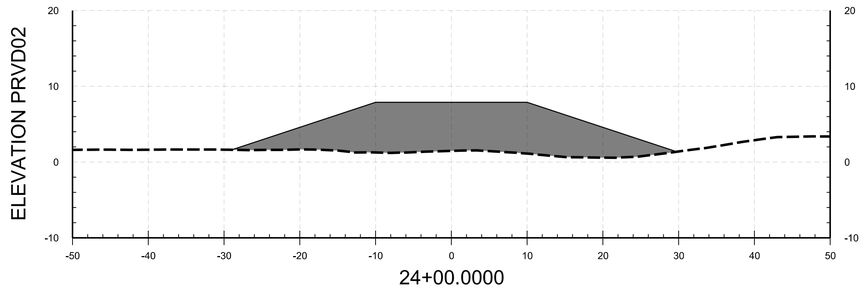


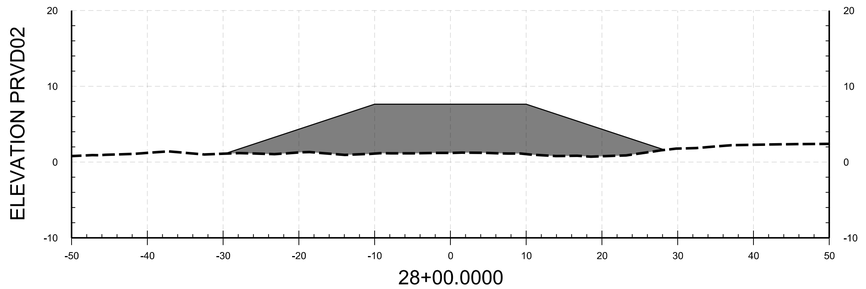












LEGEND

CUT

FILL

HORIZONTAL SCALE: 0 20' 40'

VERTICAL SCALE: 0 20' 40'

US Army Corps of Engineers®

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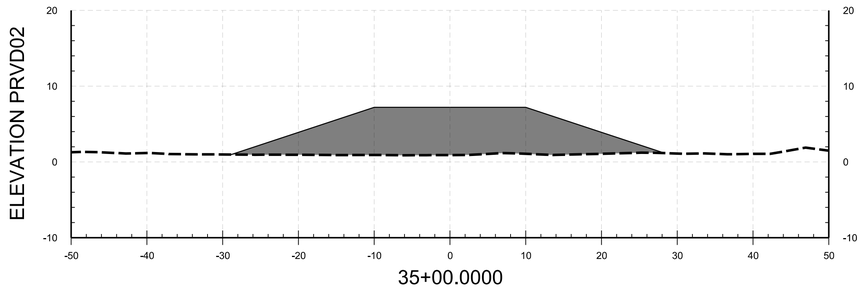
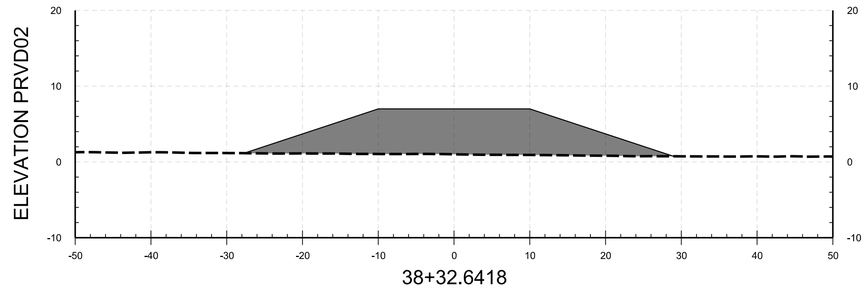
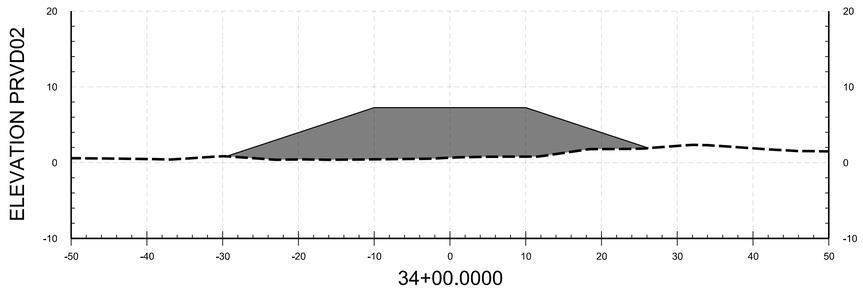
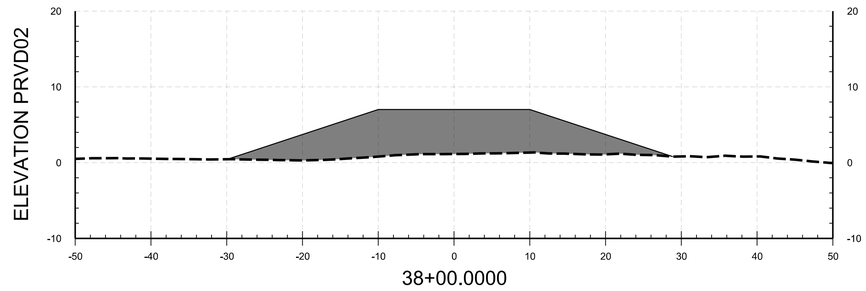




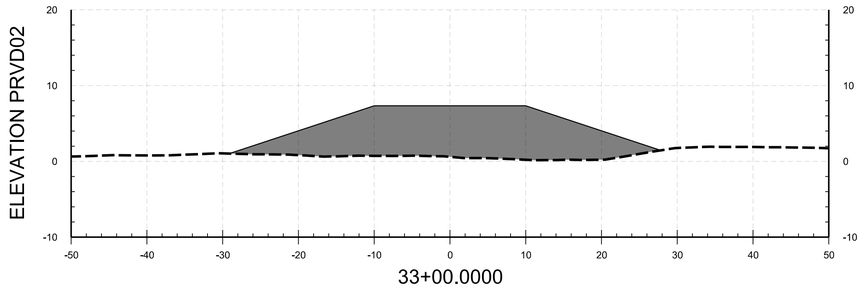


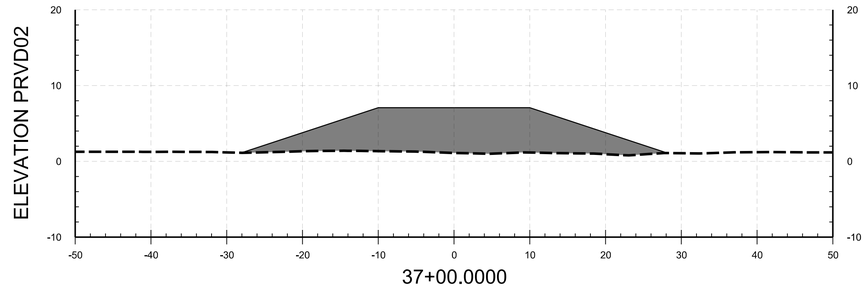


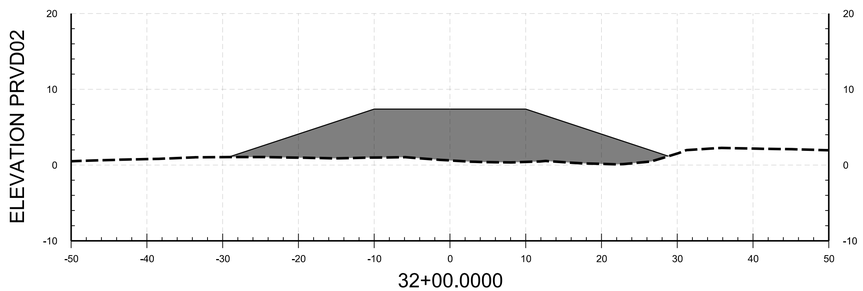
LEGEND

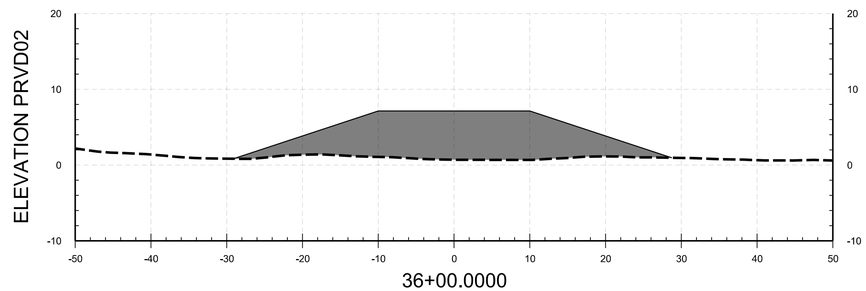
CUT

FILL









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CHICAGO DISTRICT
231 S. LASALLE ST. SUITE 1500
CHICAGO, ILLINOIS 60604

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