

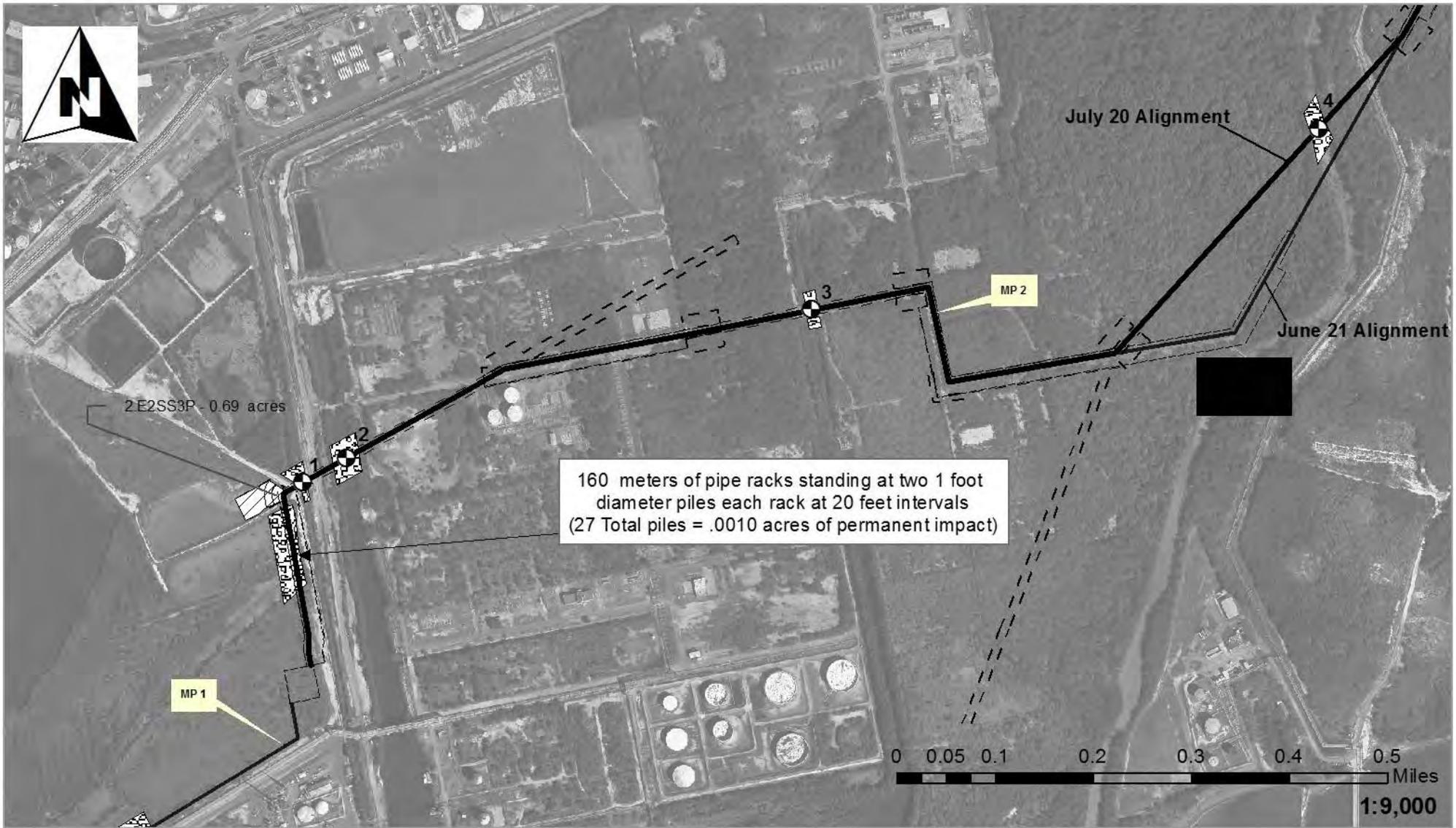
Waters of the United States
Impact Maps
Sheet # 1
Via Verde Project
(SAJ-2010-02881(IP-EWG))

Source: 2011. Coil Rivera Environmental Via Verde JD.
1957-82. USGS. Topographic Maps of the Puerto Rico Quadrangles.
1987. USFWS. National Wetland Inventory Maps.
2010. Puerto Rico Planning Board. Aerial Photographs.

Legend

24" Pipe	Wetlands/ Waters No Fill
Workspace	Wetland Impacts Acres
HDD Crossing	Temporary Fill 0.00
Open Cut Crossing	Permanent Fill .010
Drill Crossing	Total 0.00



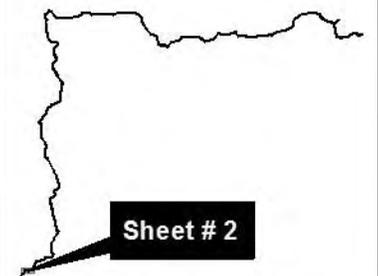


Waters of the United States
Impact Maps
Sheet # 2
 Via Verde Project
 (SAJ-2010-02881(IP-EWG))

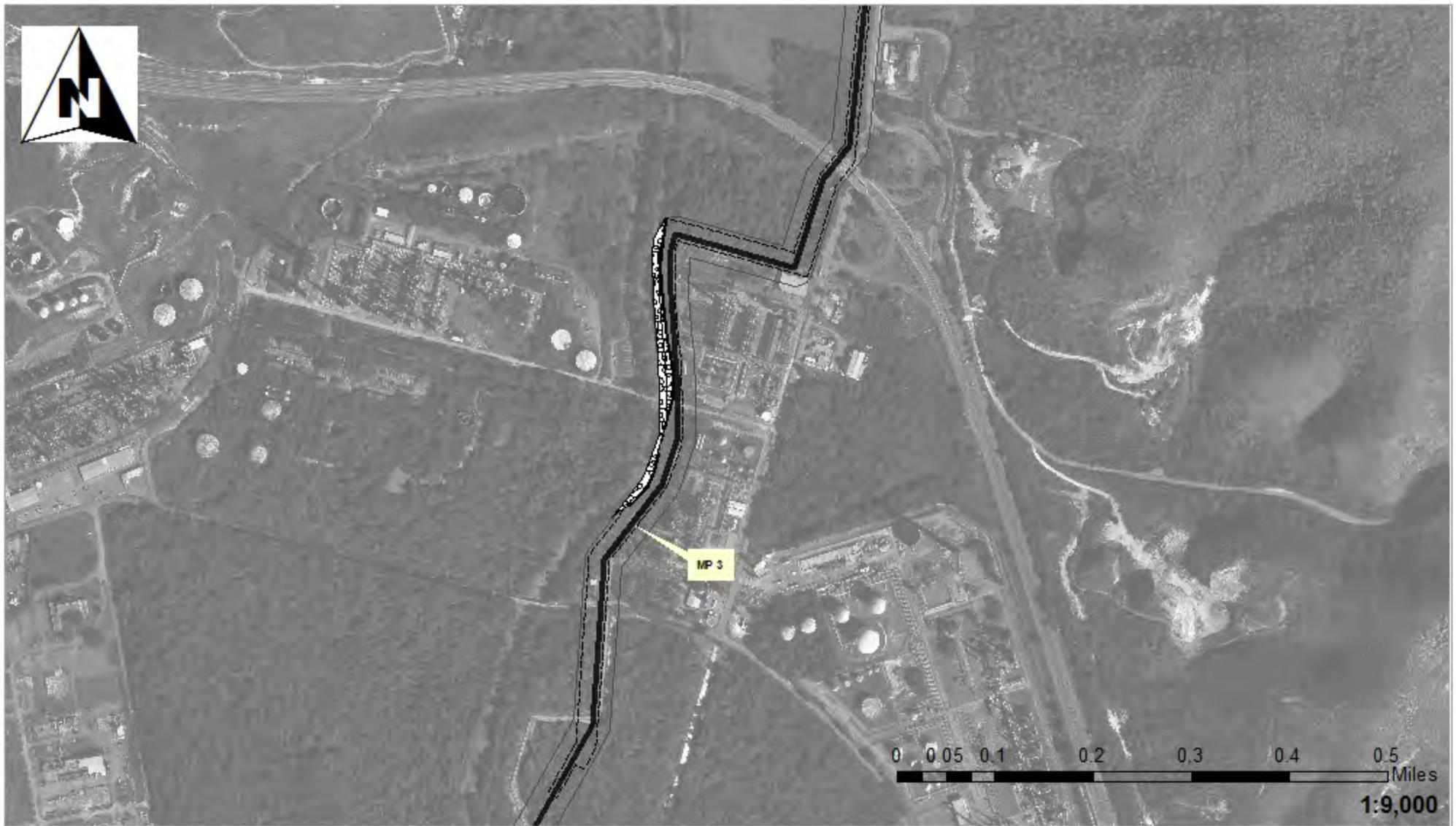
Source: 2011. Coll Rivera Environmental Via Verde JD.
 1957-82. USGS. Topographic Maps of the Puerto Rico Quadrangles.
 1987. USFWS. National Wetland Inventory Maps.
 2010. Puerto Rico Planning Board. Aerial Photographs.

Legend

- | | |
|-------------------|-------------------------------------|
| — 24" Pipe | Wetlands/ Waters No Fill |
| - - - Workspace | Wetland Impacts Acres |
| HDD Crossing | Temporary Fill 0.69 |
| Open Cut Crossing | Permanent Fill .0010 |
| Drill Crossing | Total 0.6905 |



Sheet # 2

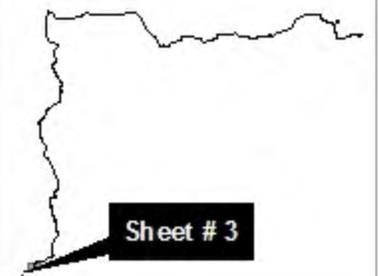


Waters of the United States
Impact Maps
Sheet # 3
Via Verde Project
(SAJ-2010-02881(IP-EWG))

Source: 2011. Coll Rivera Environmental Via Verde JD.
1957-82. USGS. Topographic Maps of the Puerto Rico Quadrangles.
1987. USFWS. National Wetland Inventory Maps.
2010. Puerto Rico Planning Board. Aerial Photographs.

Legend

24" Pipe	Wetlands/ Waters No Fill
Workspace	Wetland Impacts Acres
HDD Crossing	Temporary Fill 0.00
Open Cut Crossing	Permanent Fill 0.00
Drill Crossing	Total 0.00



Sheet # 3



Waters of the United States
Impact Maps
Sheet # 4
Via Verde Project
(SAJ-2010-02881(IP-EWG))

Source: 2011. Coll Rivera Environmental Via Verde JD.
1957-82. USGS. Topographic Maps of the Puerto Rico Quadrangles.
1987. USFWS. National Wetland Inventory Maps.
2010. Puerto Rico Planning Board. Aerial Photographs.

Legend

— 24" Pipe

⊞ Workspace

⊕ HDD Crossing

⊕ Open Cut Crossing

⊖ Drill Crossing



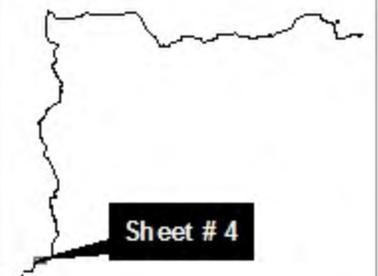
Wetlands/ Waters No Fill

Wetland Impacts Acres

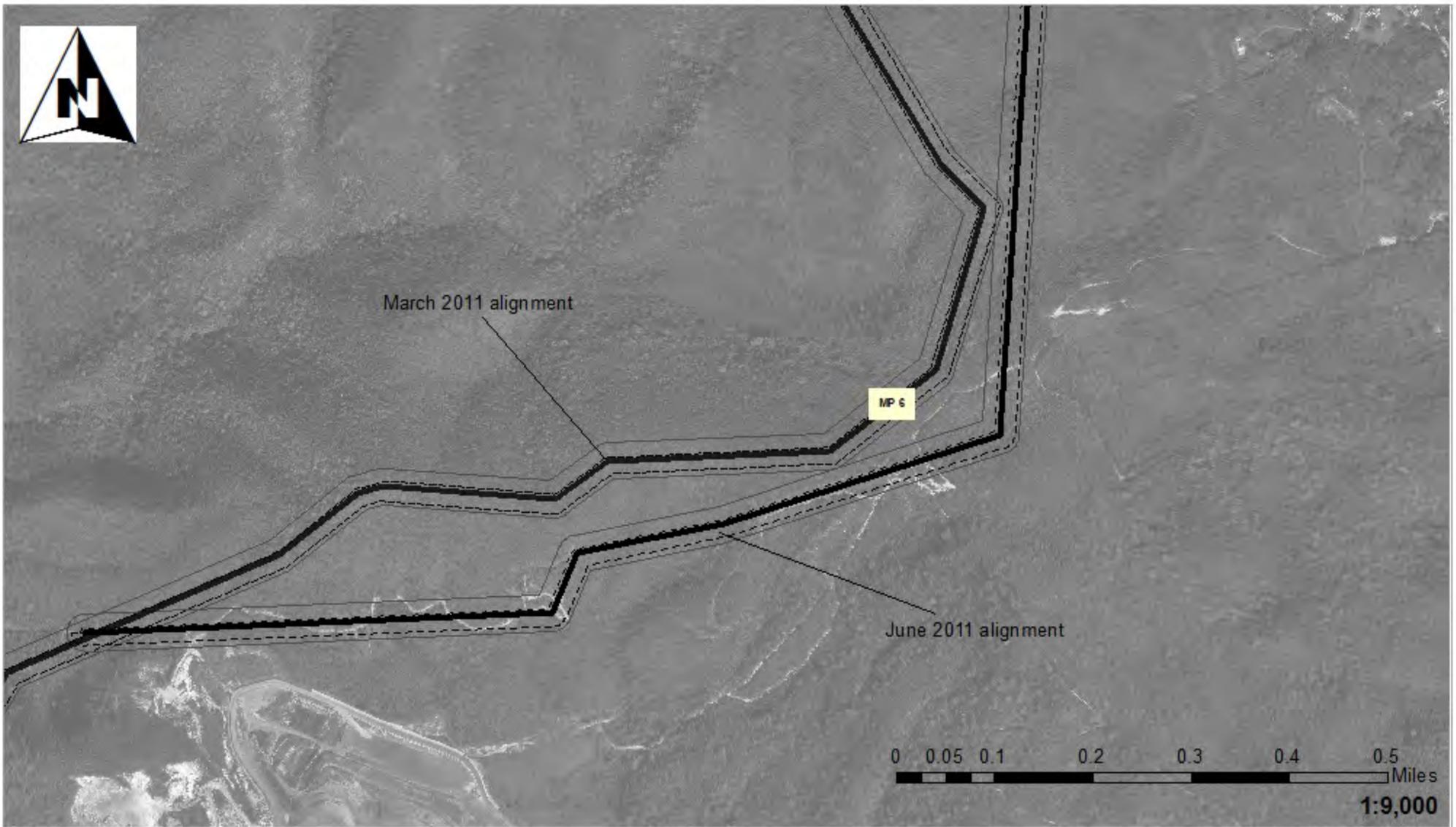
⊞ Temporary Fill 1.02

⊞ Permanent Fill 0.00

Total 1.02



Sheet # 4



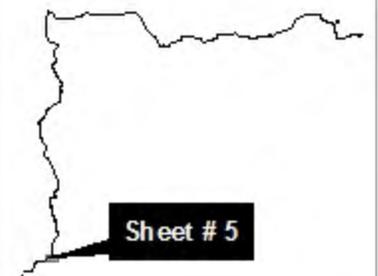
Waters of the United States
Impact Maps
Sheet # 5
Via Verde Project
(SAJ-2010-02881(IP-EWG))

Source: 2011. Coll Rivera Environmental Via Verde JD.
1957-82. USGS. Topographic Maps of the Puerto Rico Quadrangles.
1987. USFWS. National Wetland Inventory Maps.
2010. Puerto Rico Planning Board. Aerial Photographs.

Legend

-  24" Pipe
-  Workspace
-  HDD Crossing
-  Open Cut Crossing
-  Drill Crossing

Wetland Impacts		Acres
	Wetlands/ Waters No Fill	
	Temporary Fill	0.00
	Permanent Fill	0.00
Total		0.00



Sheet # 5



March 2011 alignment

MP 7

June 2011 alignment

0 0.05 0.1 0.2 0.3 0.4 0.5 Miles

1:9,000

Waters of the United States
Impact Maps
Sheet # 6
 Via Verde Project
 (SAJ-2010-02881(IP-EWG))

Source: 2011. Coll Rivera Environmental Via Verde JD.
 1957-82. USGS. Topographic Maps of the Puerto Rico Quadrangles.
 1987. USFWS. National Wetland Inventory Maps.
 2010. Puerto Rico Planning Board. Aerial Photographs.

Legend

— 24" Pipe

⊞ Workspace

⊕ HDD Crossing

⊕ Open Cut Crossing

⊖ Drill Crossing

⊞ Wetlands/ Waters No Fill

Wetland Impacts **Acres**

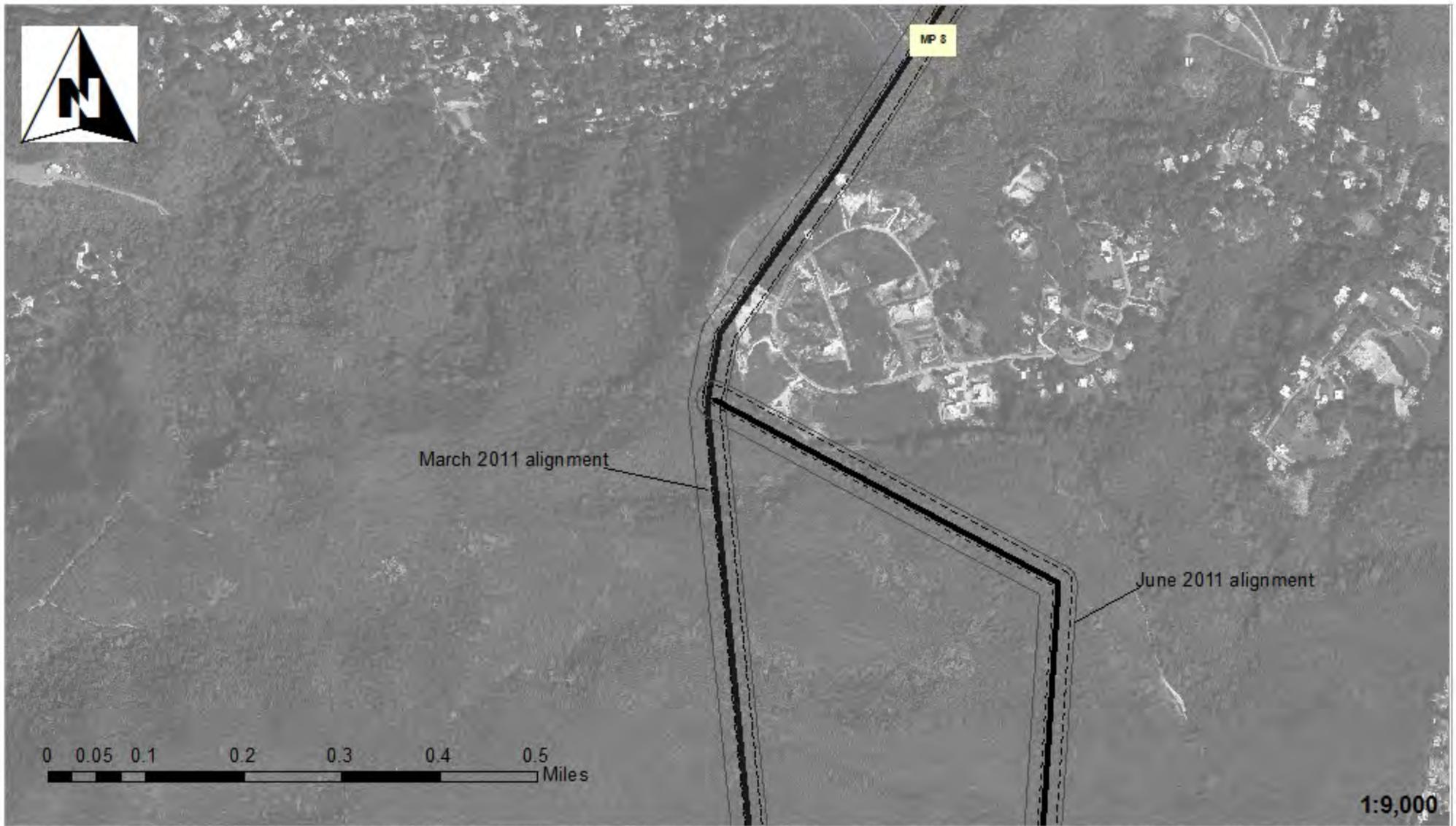
⊞ Temporary Fill 0.00

⊞ Permanent Fill 0.00

Total **0.00**



Sheet # 6



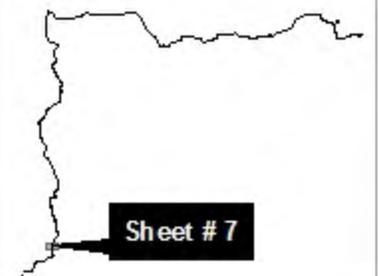
Waters of the United States
Impact Maps
Sheet # 7
 Via Verde Project
 (SAJ-2010-02881(IP-EWG))

Source: 2011. Coll Rivera Environmental Via Verde JD.
 1957-82. USGS. Topographic Maps of the Puerto Rico Quadrangles.
 1987. USFWS. National Wetland Inventory Maps.
 2010. Puerto Rico Planning Board. Aerial Photographs.

Legend

- 24" Pipe
- Workspace
- HDD Crossing
- Open Cut Crossing
- Drill Crossing

	Wetlands/ Waters No Fill	
Wetland Impacts		
	Temporary Fill	0.00
	Permanent Fill	0.00
	Total	0.00





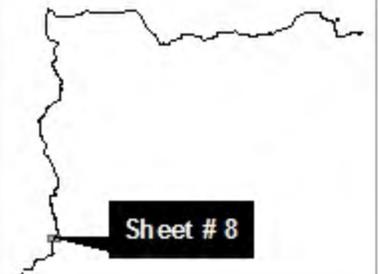
Waters of the United States
Impact Maps
Sheet # 8
 Via Verde Project
 (SAJ-2010-02881(IP-EWG))

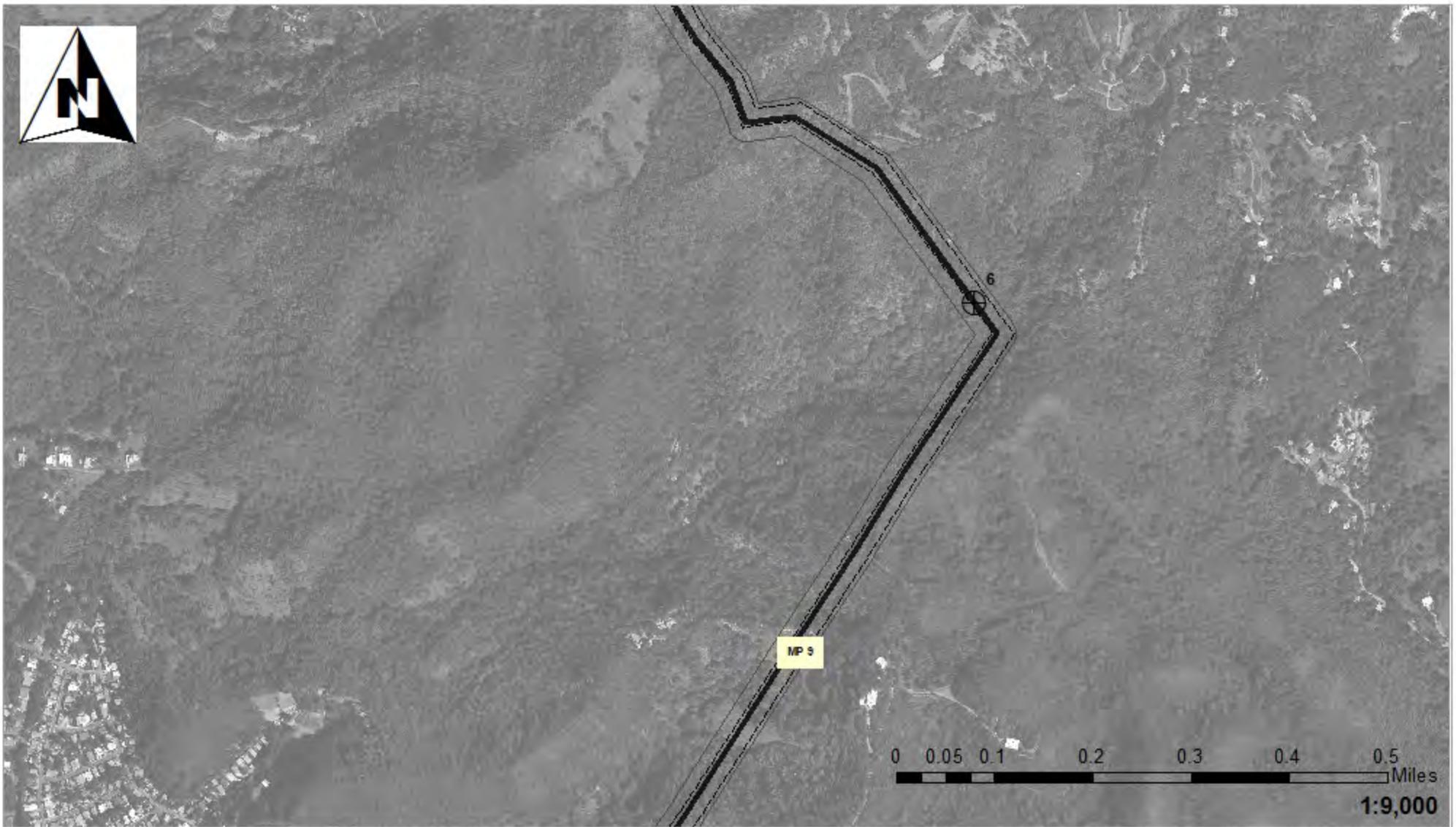
Source: 2011. Coll Rivera Environmental Via Verde JD.
 1957-82. USGS. Topographic Maps of the Puerto Rico Quadrangles.
 1987. USFWS. National Wetland Inventory Maps.
 2010. Puerto Rico Planning Board. Aerial Photographs.

Legend

- 24" Pipe
- Workspace
- HDD Crossing
- Open Cut Crossing
- Drill Crossing

	Wetlands/ Waters No Fill	
Wetland Impacts		
	Temporary Fill	0.00
	Permanent Fill	0.00
	Total	0.00

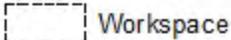
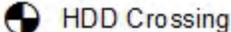
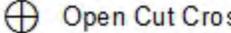
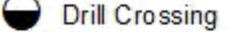




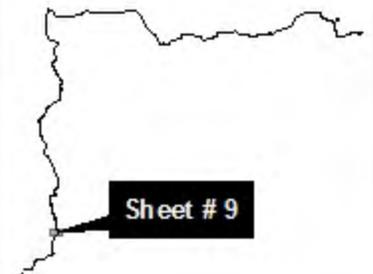
Waters of the United States
Impact Maps
Sheet # 9
Via Verde Project
(SAJ-2010-02881(IP-EWG))

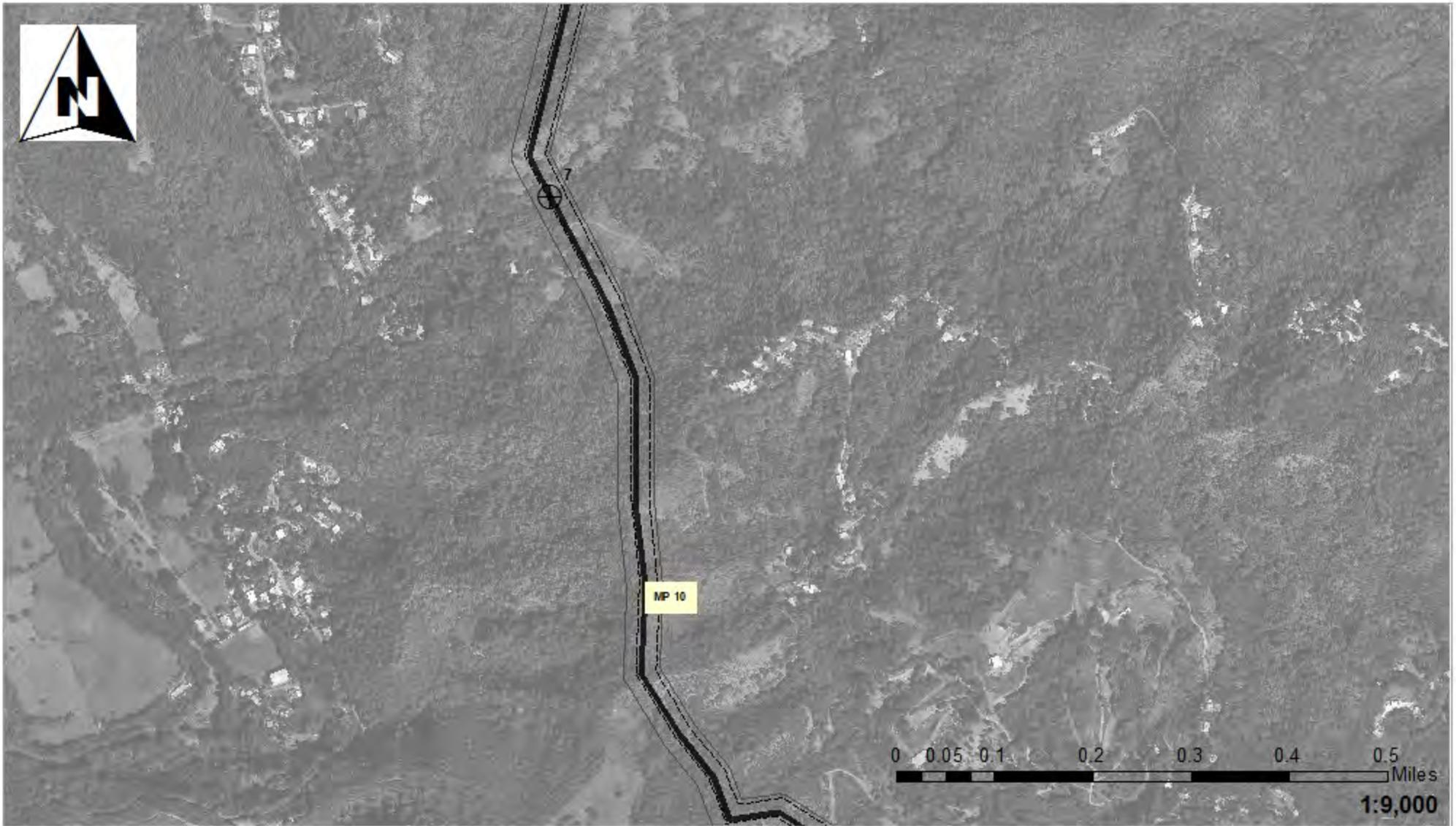
Source: 2011. Coll Rivera Environmental Via Verde JD.
1957-82. USGS. Topographic Maps of the Puerto Rico Quadrangles.
1987. USFWS. National Wetland Inventory Maps.
2010. Puerto Rico Planning Board. Aerial Photographs.

Legend

-  24" Pipe
-  Workspace
-  HDD Crossing
-  Open Cut Crossing
-  Drill Crossing

Wetland Impacts		Acres
	Wetlands/ Waters No Fill	
	Temporary Fill	0.05
	Permanent Fill	0.00
	Total	0.05





Waters of the United States
Impact Maps
Sheet # 10
 Via Verde Project
 (SAJ-2010-02881(IP-EWG))

Source: 2011. Coll Rivera Environmental Via Verde JD.
 1957-82. USGS. Topographic Maps of the Puerto Rico Quadrangles.
 1987. USFWS. National Wetland Inventory Maps.
 2010. Puerto Rico Planning Board. Aerial Photographs.

Legend

— 24" Pipe

- - - Workspace

⊕ HDD Crossing

⊕ Open Cut Crossing

⊙ Drill Crossing

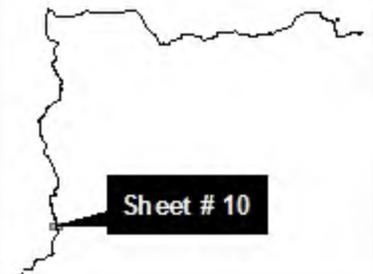
 Wetlands/ Waters No Fill

Wetland Impacts **Acres**

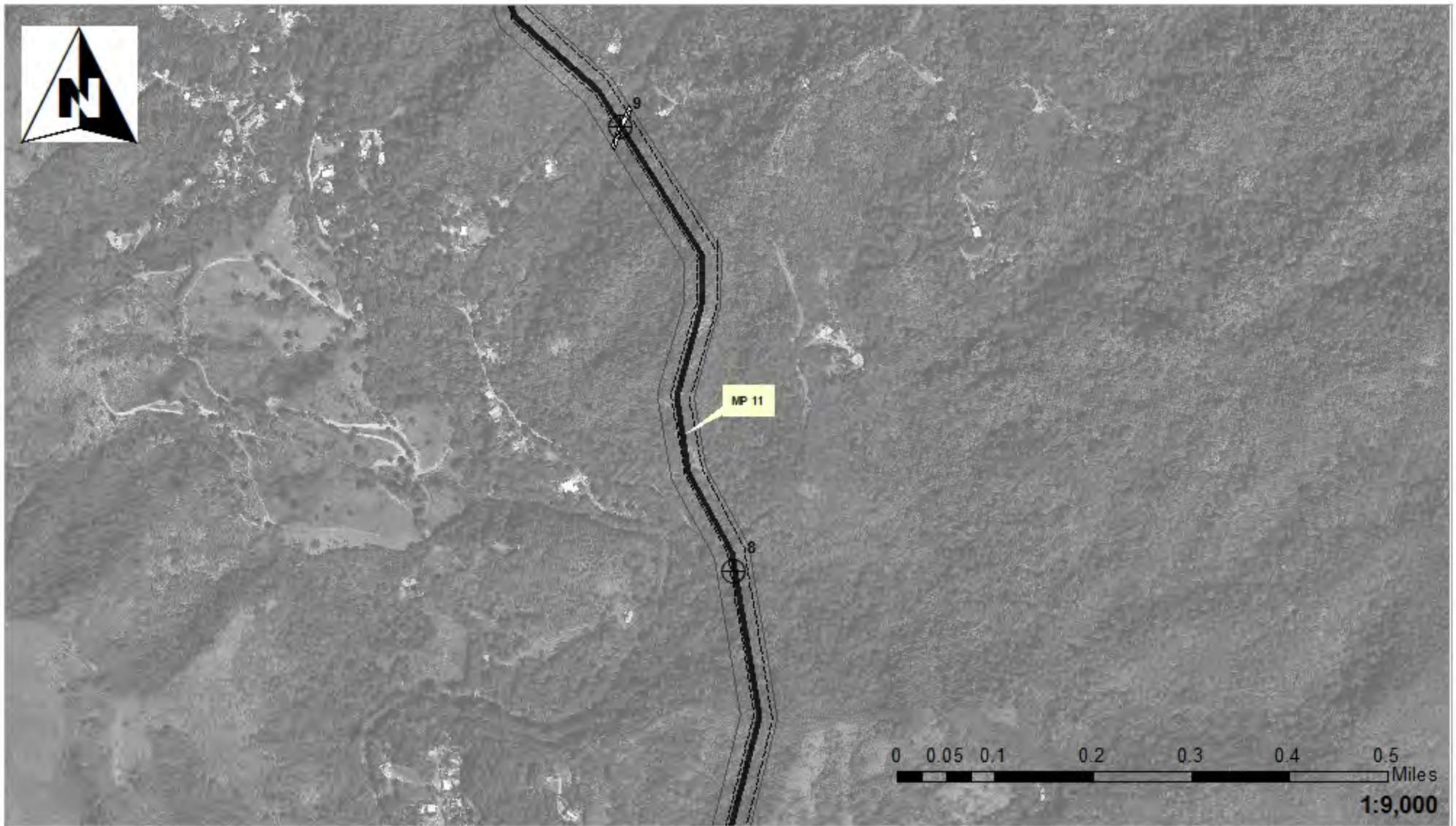
 Temporary Fill 0.05

 Permanent Fill 0.00

Total **0.05**



Sheet # 10



Waters of the United States
Impact Maps
Sheet # 11
Via Verde Project
(SAJ-2010-02881(IP-EWG))

Source: 2011. Coll Rivera Environmental Via Verde JD.
1957-82. USGS. Topographic Maps of the Puerto Rico Quadrangles.
1987. USFWS. National Wetland Inventory Maps.
2010. Puerto Rico Planning Board. Aerial Photographs.

Legend

— 24" Pipe

- - - Workspace

⊕ HDD Crossing

⊕ Open Cut Crossing

⊙ Drill Crossing

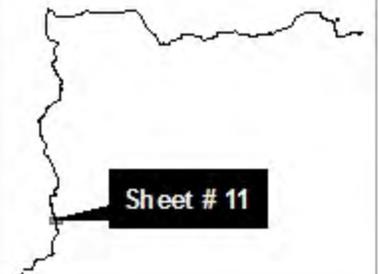
 Wetlands/ Waters No Fill

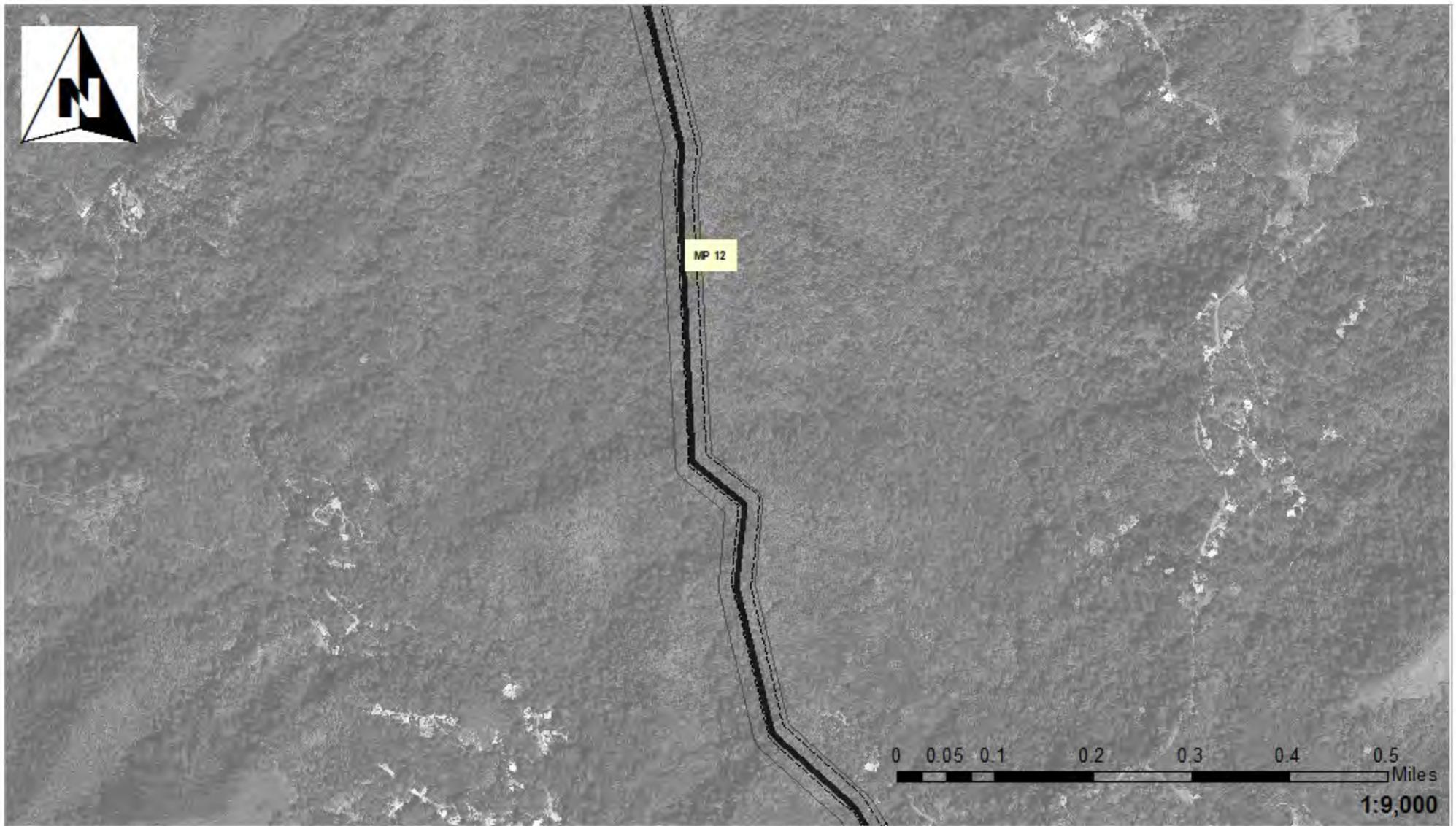
Wetland Impacts **Acres**

 Temporary Fill 0.10

 Permanent Fill 0.00

Total **0.10**





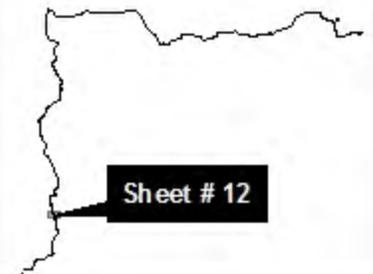
Waters of the United States
Impact Maps
Sheet # 12
Via Verde Project
(SAJ-2010-02881(IP-EWG))

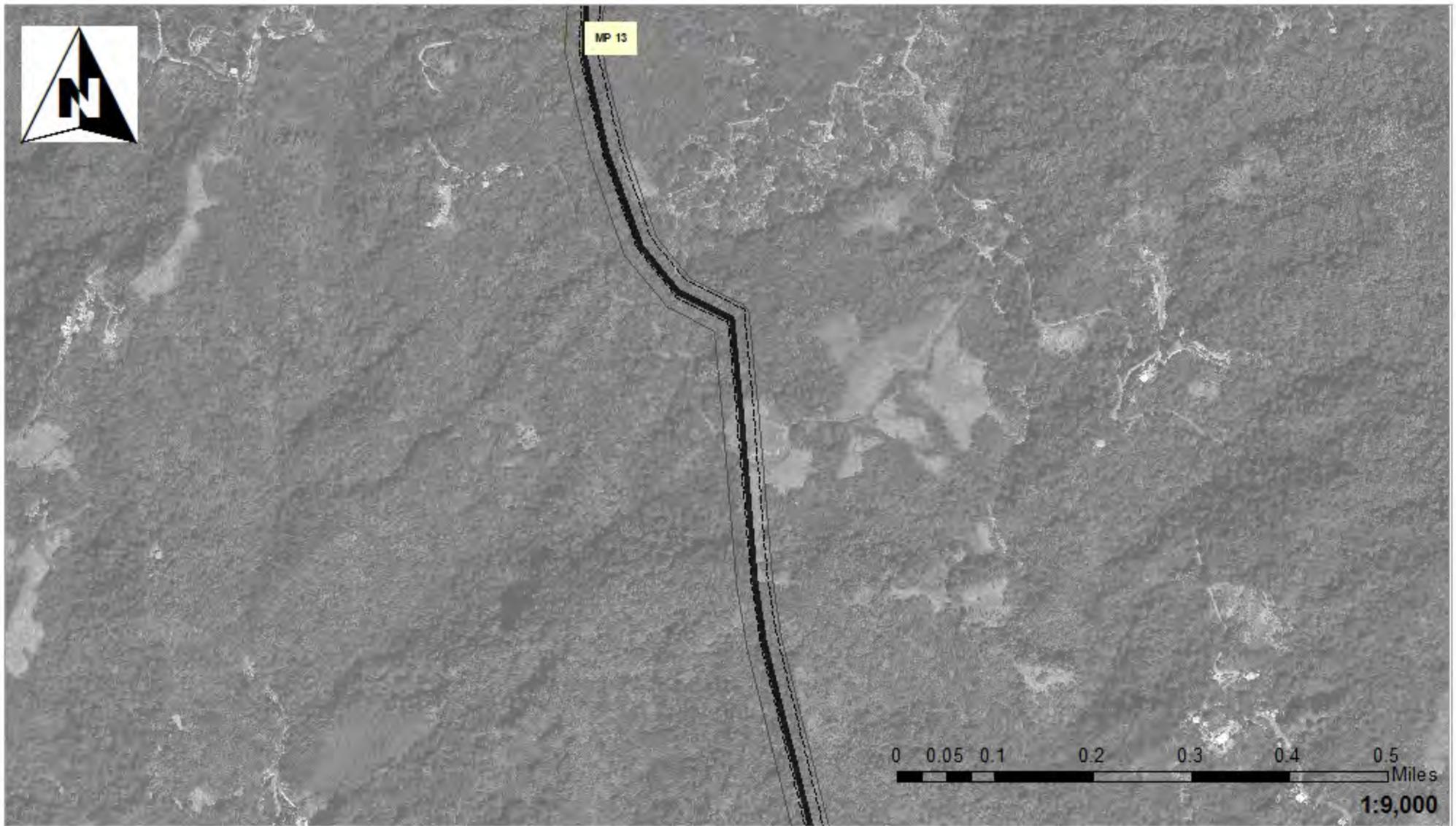
Source: 2011. Coll Rivera Environmental Via Verde JD.
1957-82. USGS. Topographic Maps of the Puerto Rico Quadrangles.
1987. USFWS. National Wetland Inventory Maps.
2010. Puerto Rico Planning Board. Aerial Photographs.

Legend

-  24" Pipe
-  Workspace
-  HDD Crossing
-  Open Cut Crossing
-  Drill Crossing

Wetland Impacts		Acres
	Wetlands/ Waters No Fill	
	Temporary Fill	0.00
	Permanent Fill	0.00
	Total	0.00





Waters of the United States
Impact Maps
Sheet # 13
Via Verde Project
(SAJ-2010-02881(IP-EWG))

Source: 2011. Coll Rivera Environmental Via Verde JD.
1957-82. USGS. Topographic Maps of the Puerto Rico Quadrangles.
1987. USFWS. National Wetland Inventory Maps.
2010. Puerto Rico Planning Board. Aerial Photographs.

Legend

— 24" Pipe

- - - Workspace

⊕ HDD Crossing

⊕ Open Cut Crossing

⊖ Drill Crossing

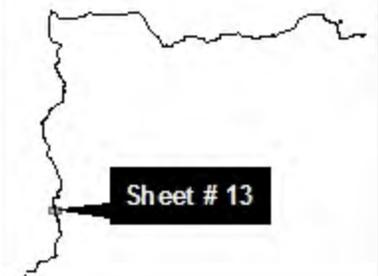
 Wetlands/ Waters No Fill

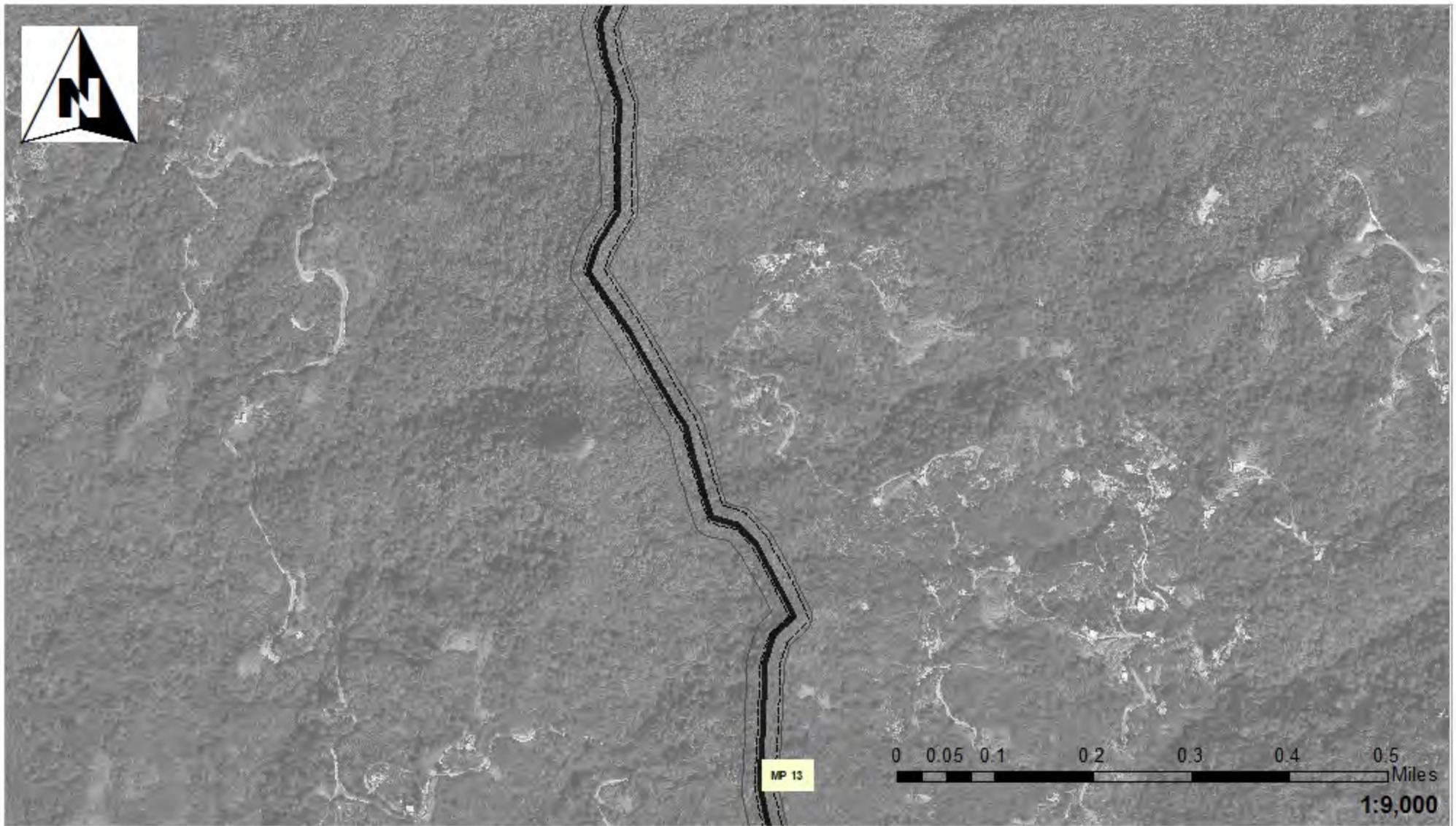
Wetland Impacts **Acres**

 Temporary Fill 0.00

 Permanent Fill 0.00

Total **0.00**

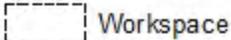




Waters of the United States
Impact Maps
Sheet # 14
Via Verde Project
(SAJ-2010-02881(IP-EWG))

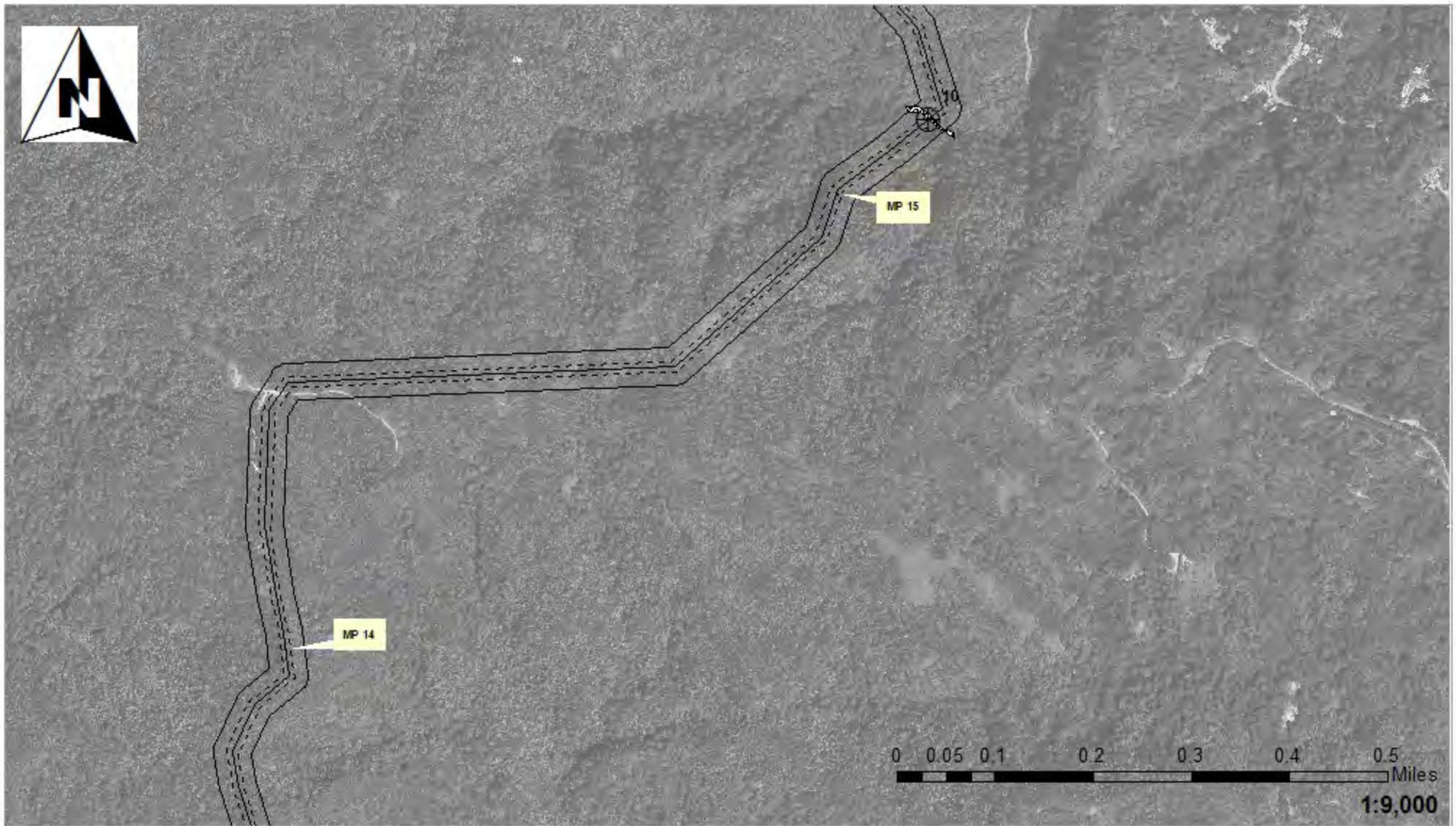
Source: 2011. Coll Rivera Environmental Via Verde JD.
1957-82. USGS. Topographic Maps of the Puerto Rico Quadrangles.
1987. USFWS. National Wetland Inventory Maps.
2010. Puerto Rico Planning Board. Aerial Photographs.

Legend

-  24" Pipe
-  Workspace
-  HDD Crossing
-  Open Cut Crossing
-  Drill Crossing

Wetland Impacts		Acres
	Wetlands/ Waters No Fill	
	Temporary Fill	0.00
	Permanent Fill	0.00
	Total	0.00





Waters of the United States
Impact Maps
Sheet # 15
Via Verde Project
(SAJ-2010-02881(IP-EWG))

Source: 2011. Coll Rivera Environmental Via Verde JD.
1957-82. USGS. Topographic Maps of the Puerto Rico Quadrangles.
1987. USFWS. National Wetland Inventory Maps.
2010. Puerto Rico Planning Board. Aerial Photographs.

Legend

— 24" Pipe

- - - Workspace

⊕ HDD Crossing

⊕ Open Cut Crossing

● Drill Crossing

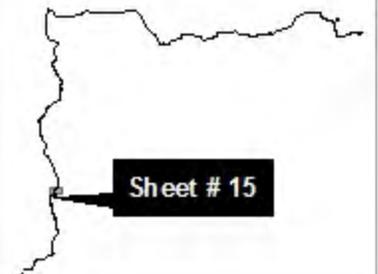
 Wetland/ Waters No Fill

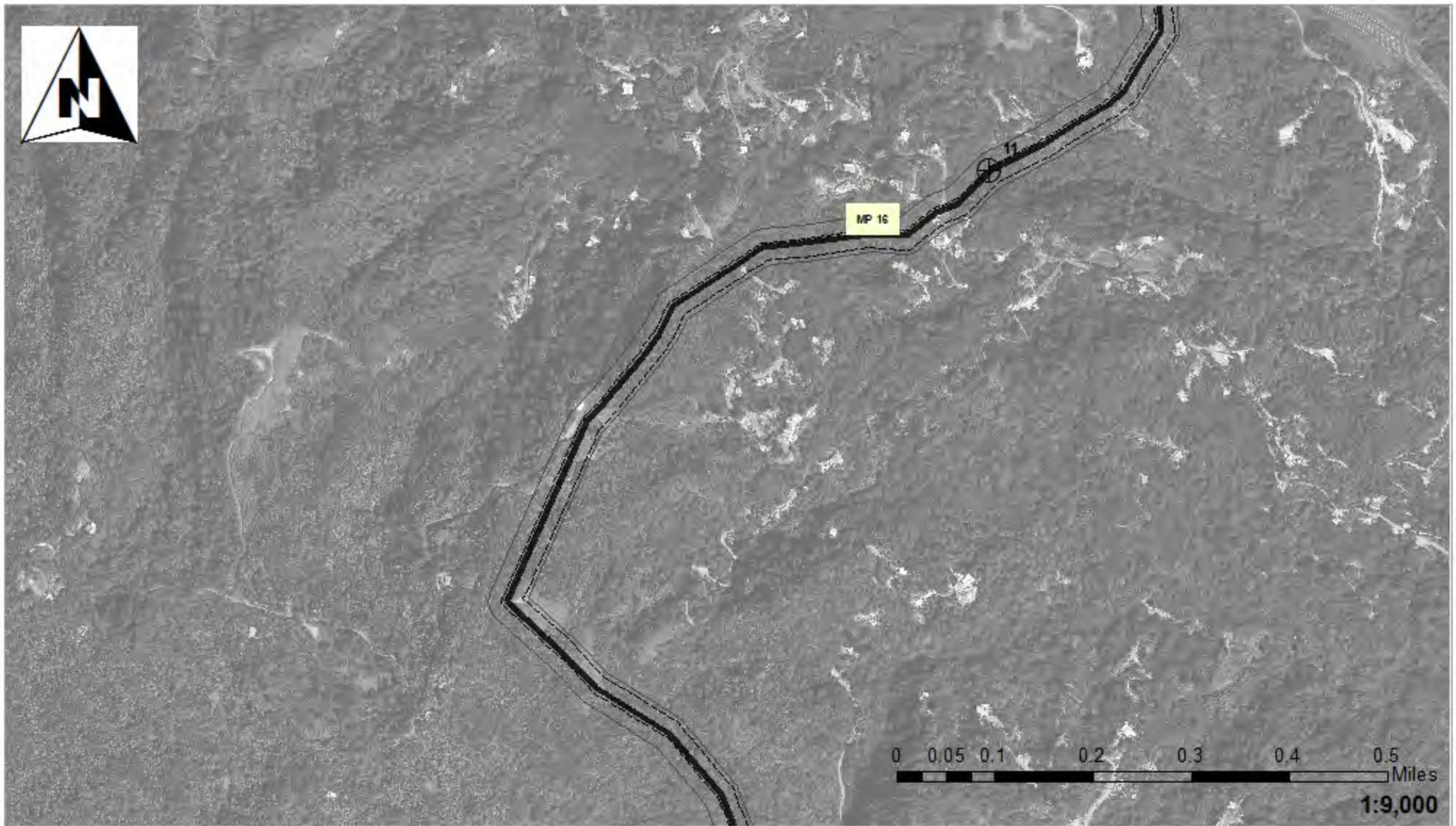
Wetland Impacts **Acres**

 Temporary Fill 0.05

 Permanent Fill 0.00

Total **0.00**

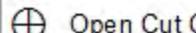


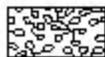


Waters of the United States
Impact Maps
Sheet # 16
Via Verde Project
(SAJ-2010-02881(IP-EWG))

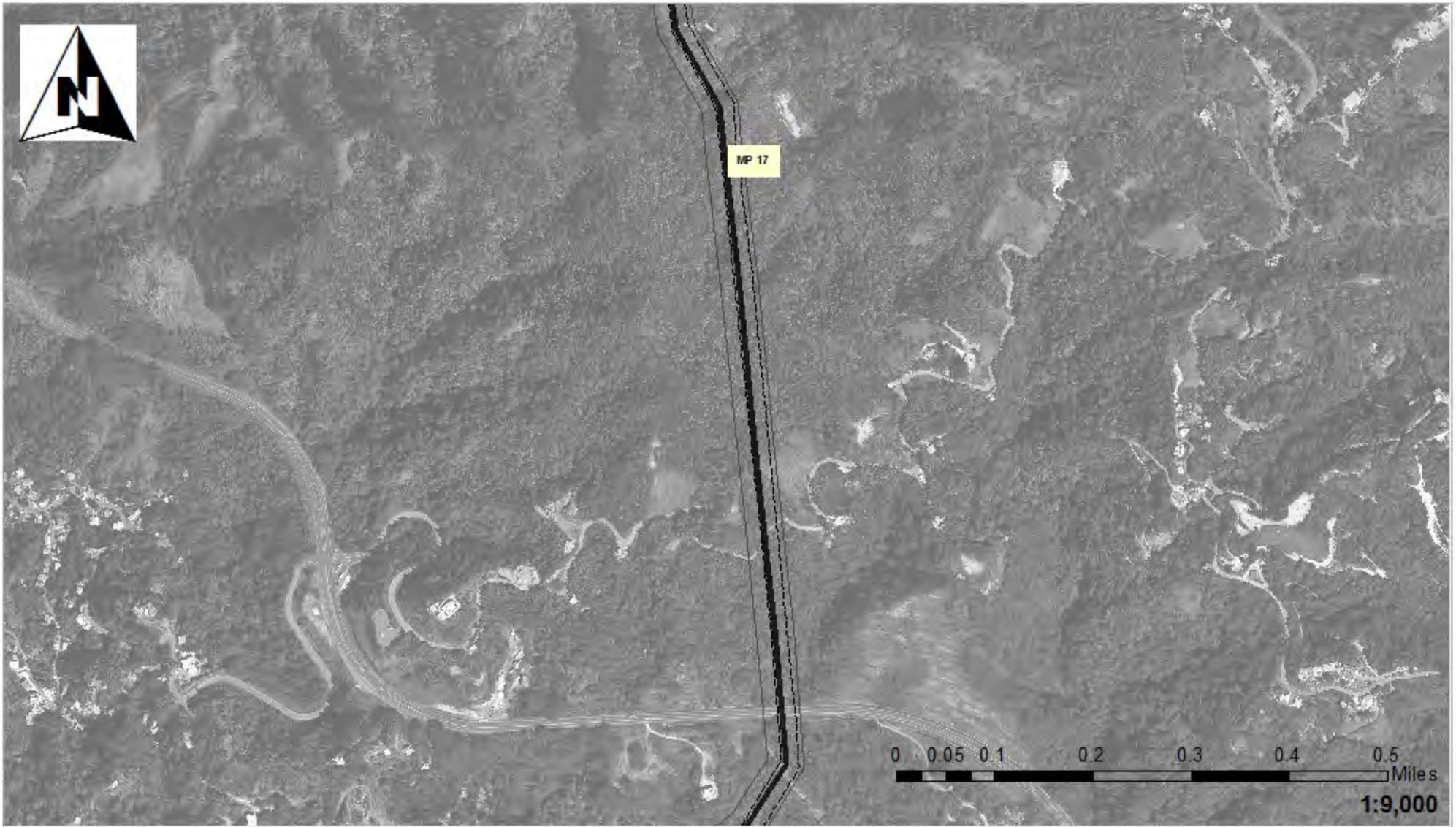
Source: 2011. Coll Rivera Environmental Via Verde JD.
1957-82. USGS. Topographic Maps of the Puerto Rico Quadrangles.
1987. USFWS. National Wetland Inventory Maps.
2010. Puerto Rico Planning Board. Aerial Photographs.

Legend

-  24" Pipe
-  Workspace
-  HDD Crossing
-  Open Cut Crossing
-  Drill Crossing

Wetland Impacts		Acres
	Wetlands/ Waters No Fill	
	Temporary Fill	0.05
	Permanent Fill	0.00
	Total	0.05





Waters of the United States
Impact Maps
Sheet # 17
 Via Verde Project
 (SAJ-2010-02881(IP-EWG))

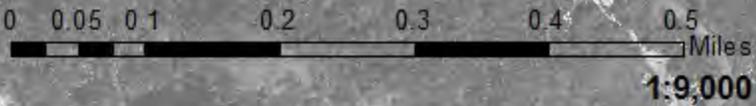
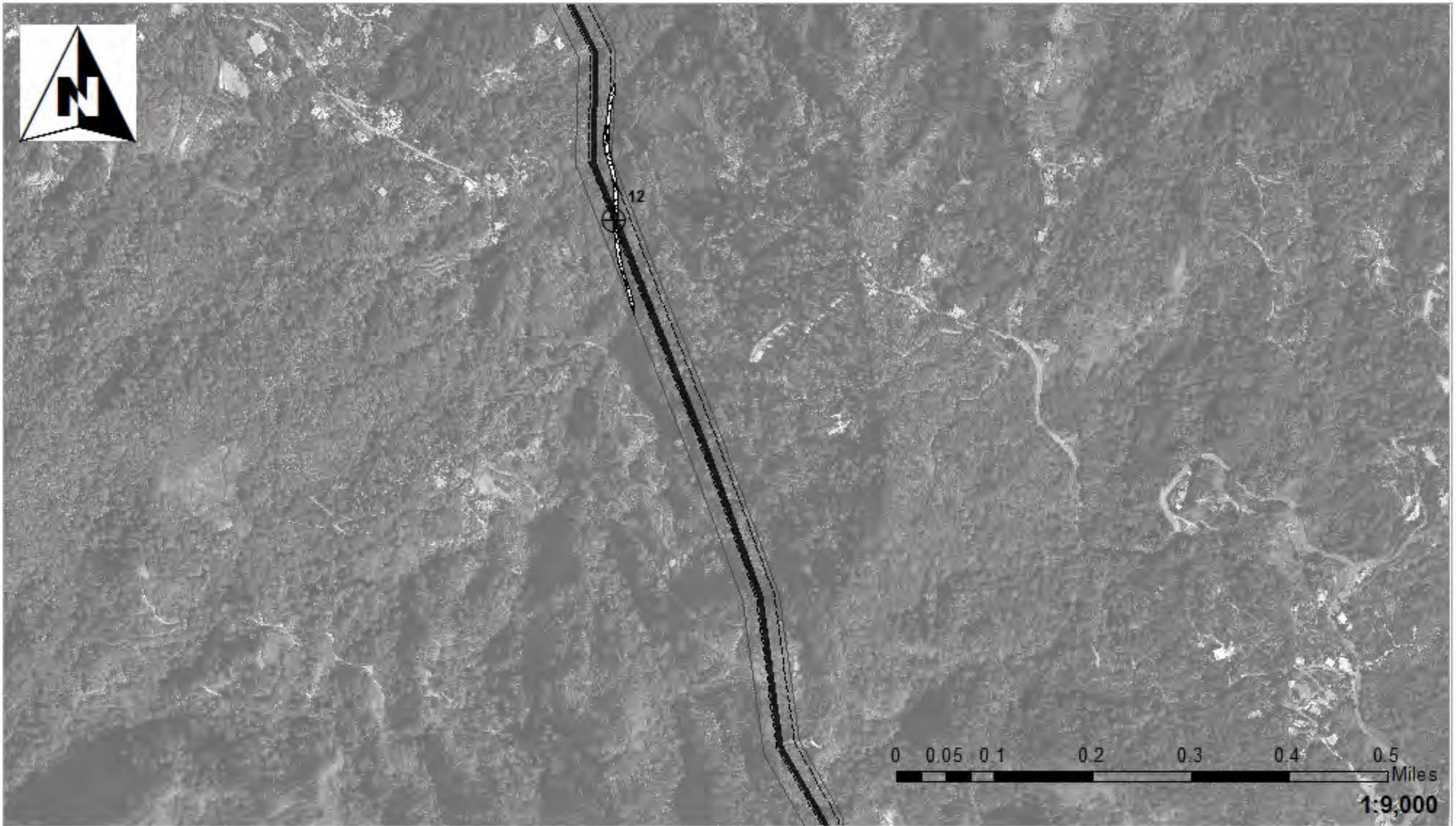
Source: 2011. Coll Rivera Environmental Via Verde JD.
 1957-82. USGS. Topographic Maps of the Puerto Rico Quadrangles.
 1987. USFWS. National Wetland Inventory Maps.
 2010. Puerto Rico Planning Board. Aerial Photographs.

Legend

- 24" Pipe
- Workspace
- HDD Crossing
- Open Cut Crossing
- Drill Crossing

	Wetlands/ Waters No Fill	
Wetland Impacts		
	Temporary Fill	0.00
	Permanent Fill	0.00
	Total	0.00





Waters of the United States
Impact Maps
Sheet # 18
 Via Verde Project
 (SAJ-2010-02881(IP-EWG))

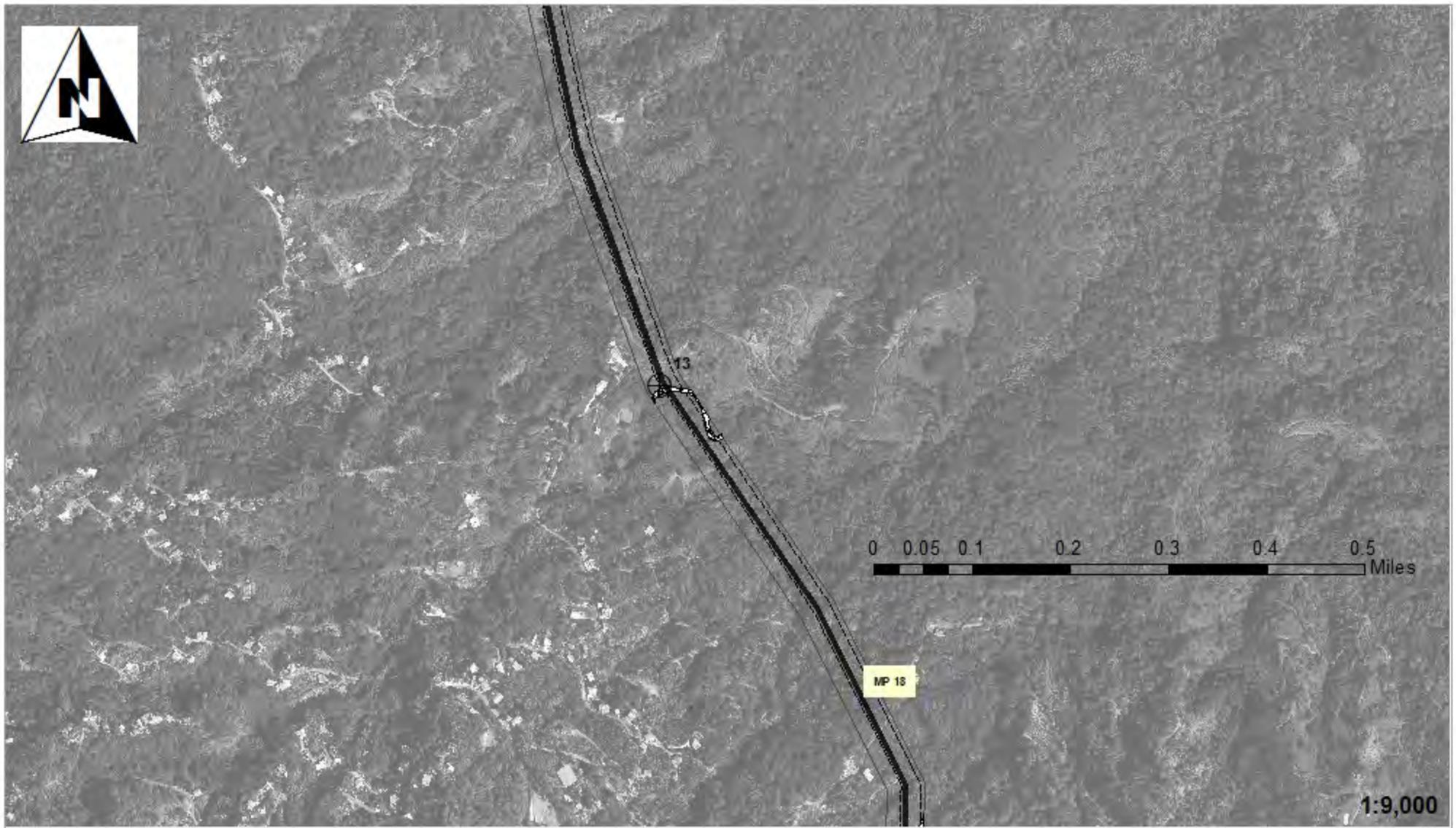
Source: 2011. Coll Rivera Environmental Via Verde JD.
 1957-82. USGS. Topographic Maps of the Puerto Rico Quadrangles.
 1987. USFWS. National Wetland Inventory Maps.
 2010. Puerto Rico Planning Board. Aerial Photographs.

Legend

-  24" Pipe
-  Workspace
-  HDD Crossing
-  Open Cut Crossing
-  Drill Crossing

	Wetlands/ Waters No Fill	
Wetland Impacts		
	Temporary Fill	0.05
	Permanent Fill	0.00
	Total	0.05





1:9,000

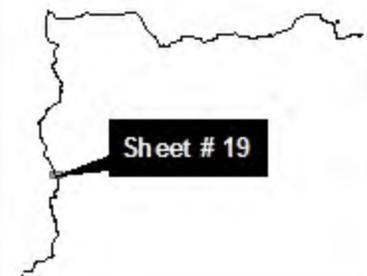
Waters of the United States
Impact Maps
Sheet # 19
 Via Verde Project
 (SAJ-2010-02881(IP-EWG))

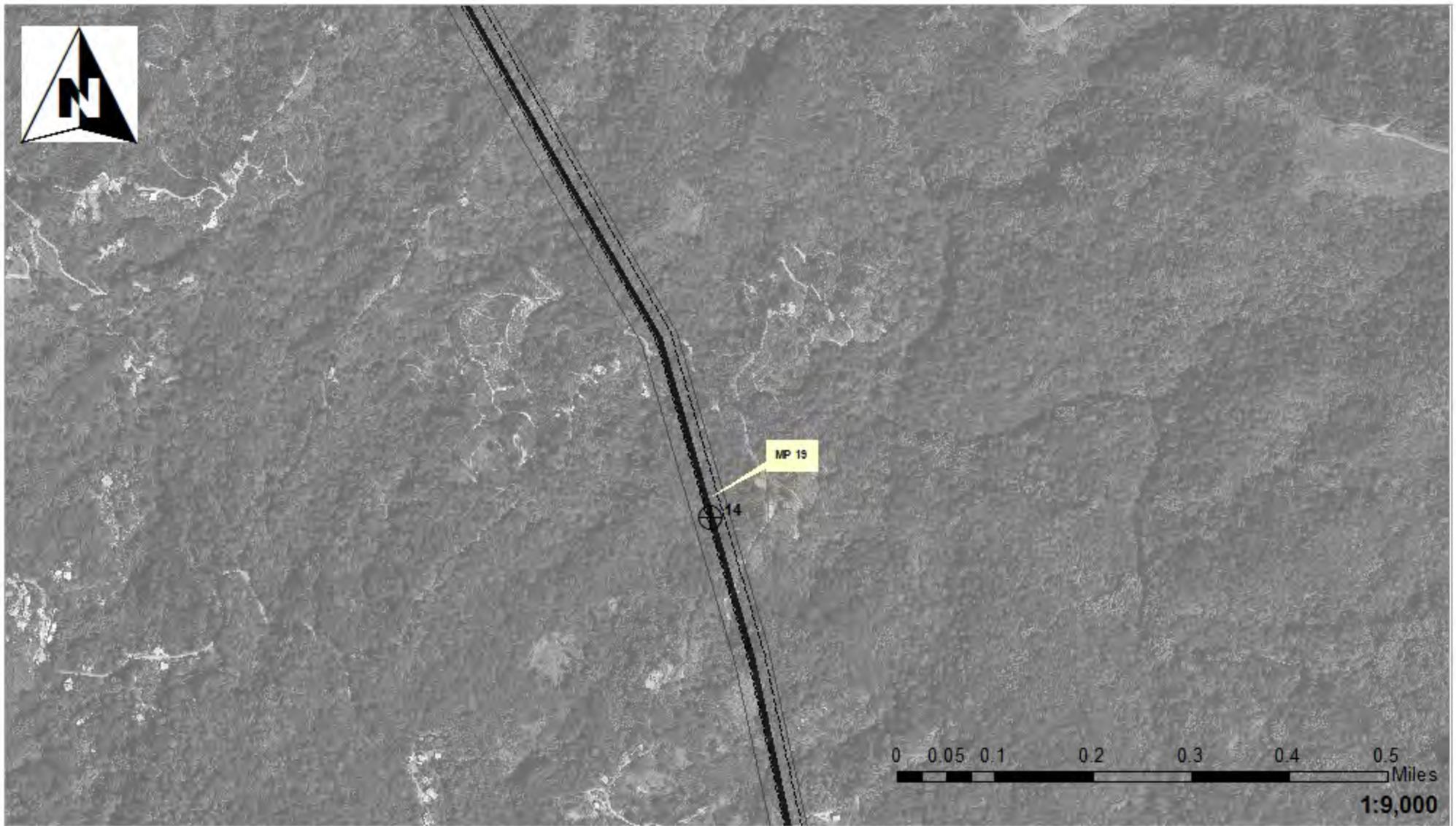
Source: 2011. Coll Rivera Environmental Via Verde JD.
 1957-82. USGS. Topographic Maps of the Puerto Rico Quadrangles.
 1987. USFWS. National Wetland Inventory Maps.
 2010. Puerto Rico Planning Board. Aerial Photographs.

Legend

- 24" Pipe
- Workspace
- HDD Crossing
- Open Cut Crossing
- Drill Crossing

	Wetlands/ Waters No Fill	
Wetland Impacts		
	Temporary Fill	Acres
	Permanent Fill	
	Total	0.05

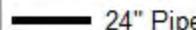




Waters of the United States
Impact Maps
Sheet # 20
Via Verde Project
(SAJ-2010-02881(IP-EWG))

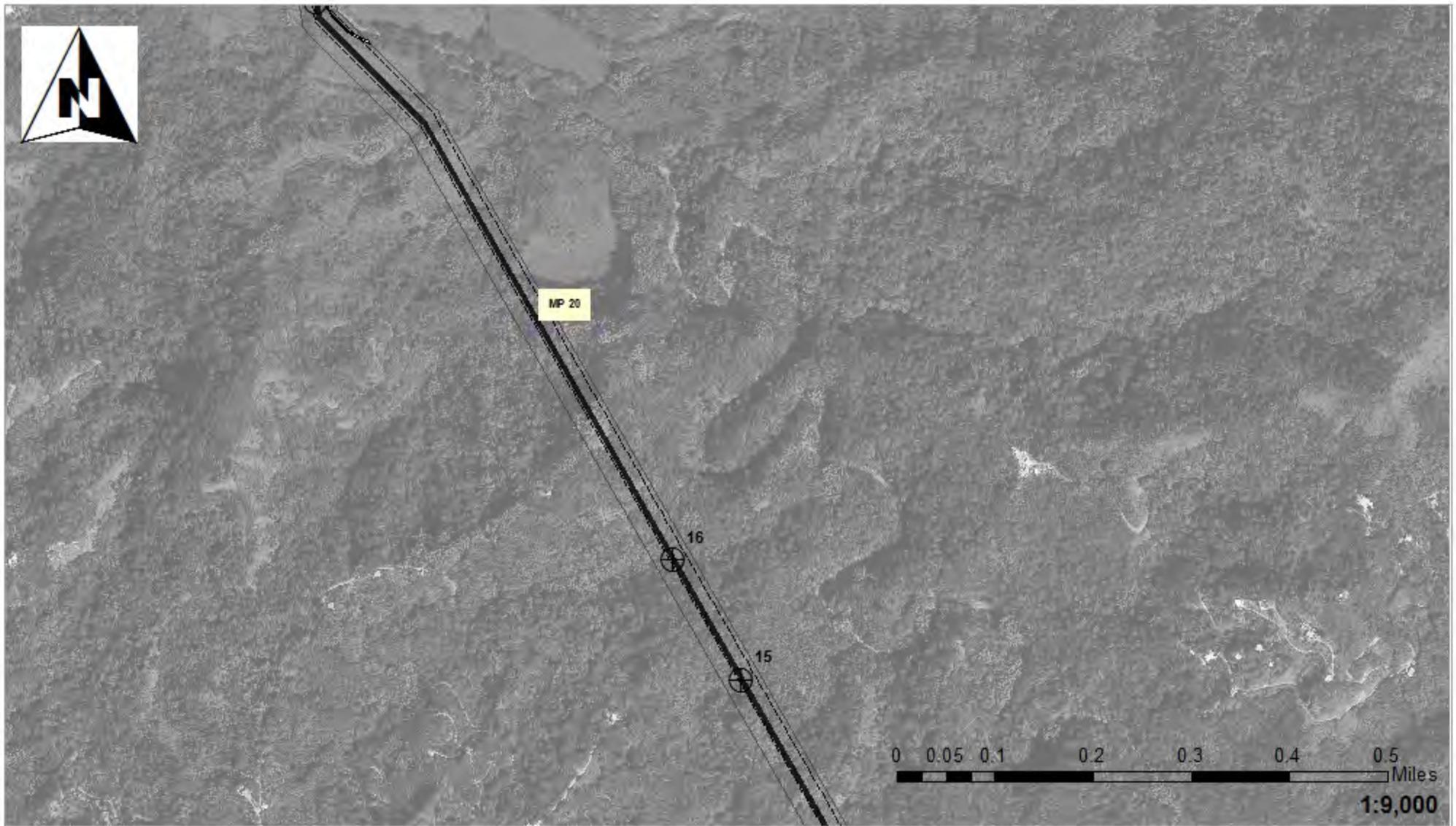
Source: 2011. Coll Rivera Environmental Via Verde JD.
1957-82. USGS. Topographic Maps of the Puerto Rico Quadrangles.
1987. USFWS. National Wetland Inventory Maps.
2010. Puerto Rico Planning Board. Aerial Photographs.

Legend

-  24" Pipe
-  Workspace
-  HDD Crossing
-  Open Cut Crossing
-  Drill Crossing

Wetland Impacts		Acres
	Wetlands/ Waters No Fill	
	Temporary Fill	0.05
	Permanent Fill	0.00
	Total	0.05

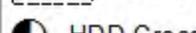
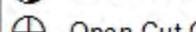




Waters of the United States
Impact Maps
Sheet # 21
Via Verde Project
(SAJ-2010-02881(IP-EWG))

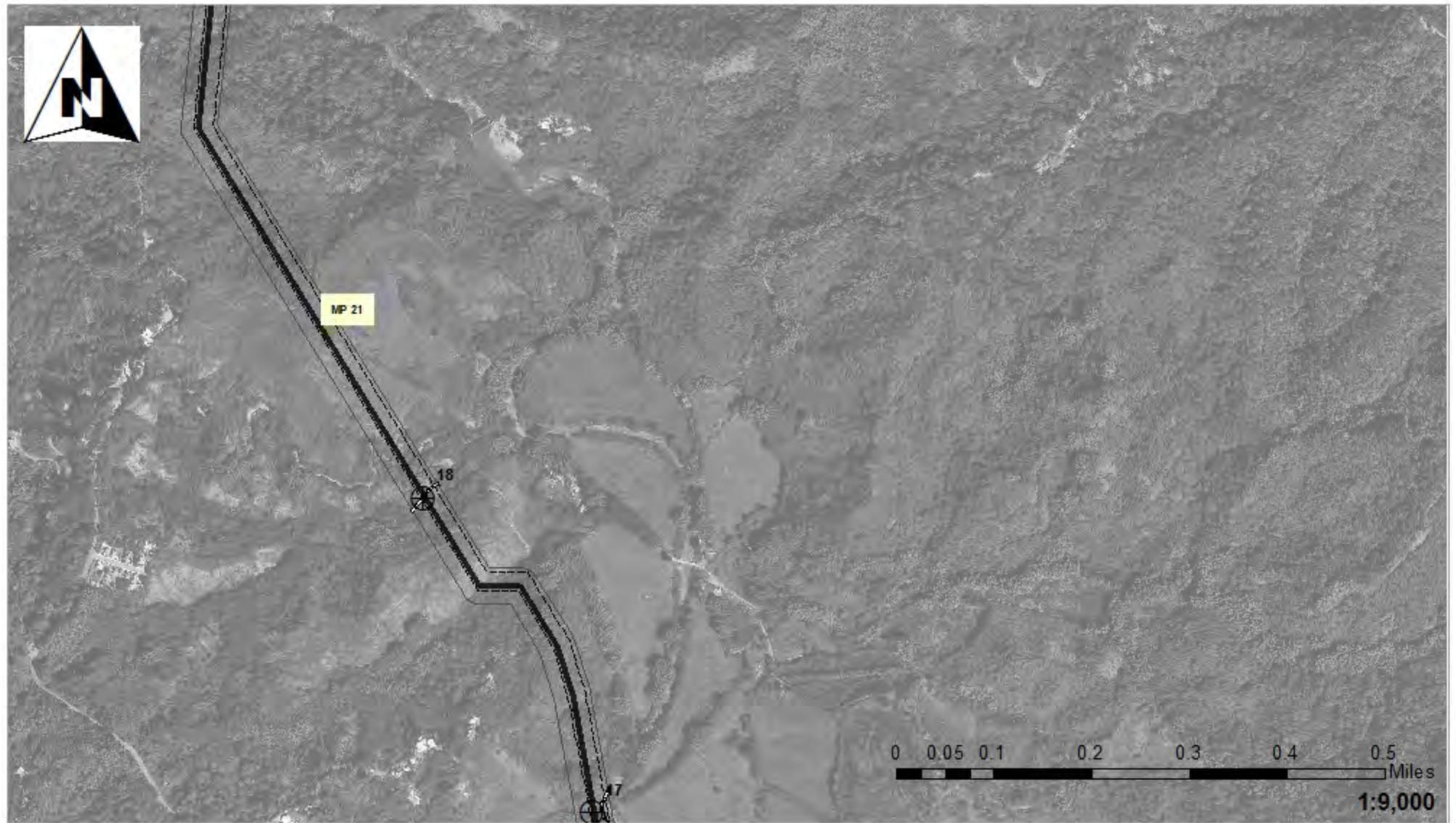
Source: 2011. Coll Rivera Environmental Via Verde JD.
1957-82. USGS. Topographic Maps of the Puerto Rico Quadrangles.
1987. USFWS. National Wetland Inventory Maps.
2010. Puerto Rico Planning Board. Aerial Photographs.

Legend

-  24" Pipe
-  Workspace
-  HDD Crossing
-  Open Cut Crossing
-  Drill Crossing

Wetland Impacts		Acres
	Wetlands/ Waters No Fill	
	Temporary Fill	0.10
	Permanent Fill	0.00
	Total	0.10

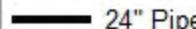


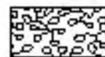


Waters of the United States
Impact Maps
Sheet # 22
 Via Verde Project
 (SAJ-2010-02881(IP-EWG))

Source: 2011. Coll Rivera Environmental Via Verde JD.
 1957-82. USGS. Topographic Maps of the Puerto Rico Quadrangles.
 1987. USFWS. National Wetland Inventory Maps.
 2010. Puerto Rico Planning Board. Aerial Photographs.

Legend

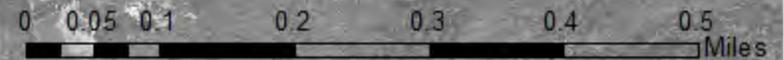
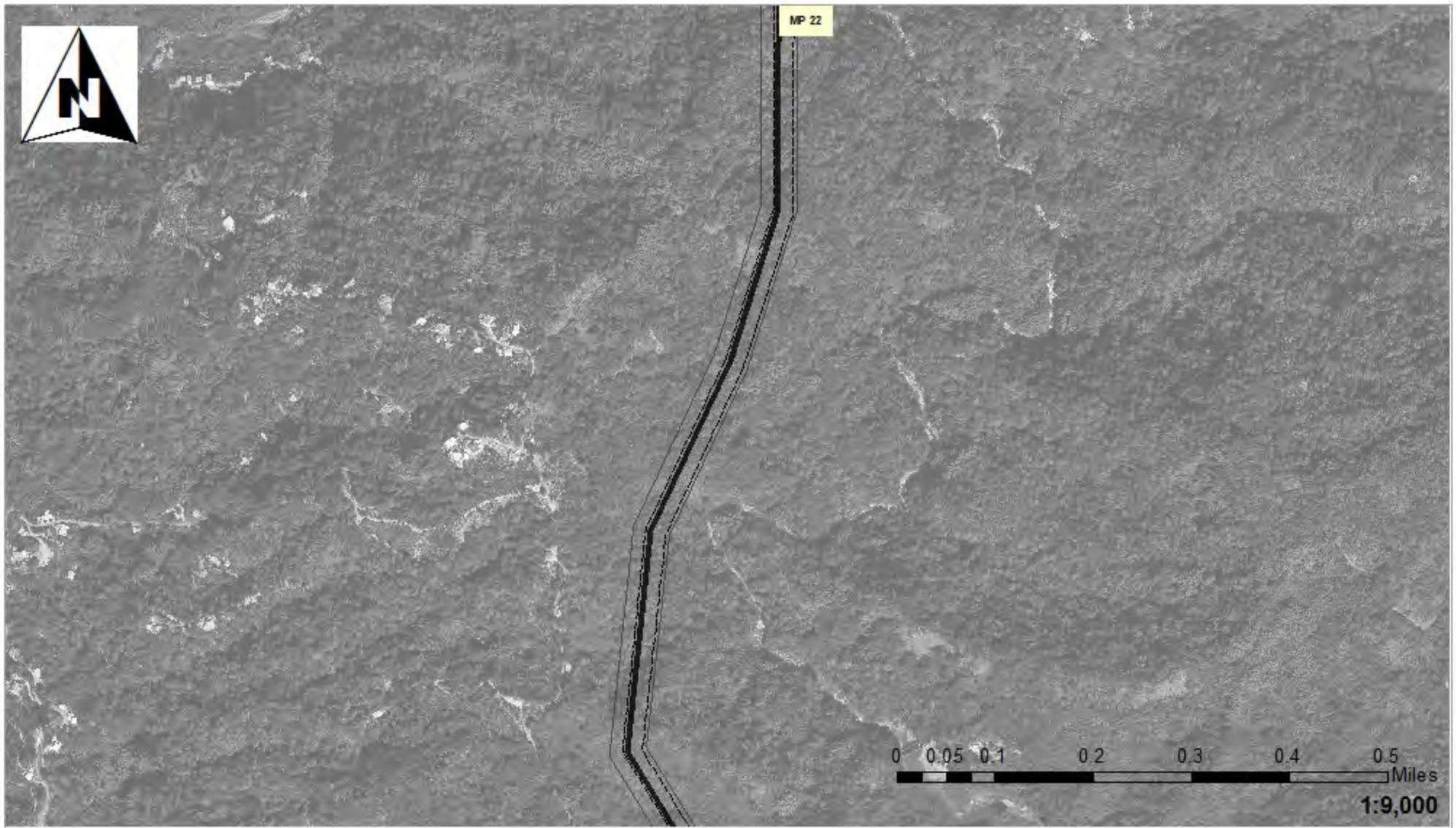
-  24" Pipe
-  Workspace
-  HDD Crossing
-  Open Cut Crossing
-  Drill Crossing

	Wetlands/ Waters No Fill	
Wetland Impacts		
	Temporary Fill	0.10
	Permanent Fill	0.00
	Total	0.10





MP 22



1:9,000

Waters of the United States
Impact Maps
Sheet # 23
 Via Verde Project
 (SAJ-2010-02881(IP-EWG))

Legend

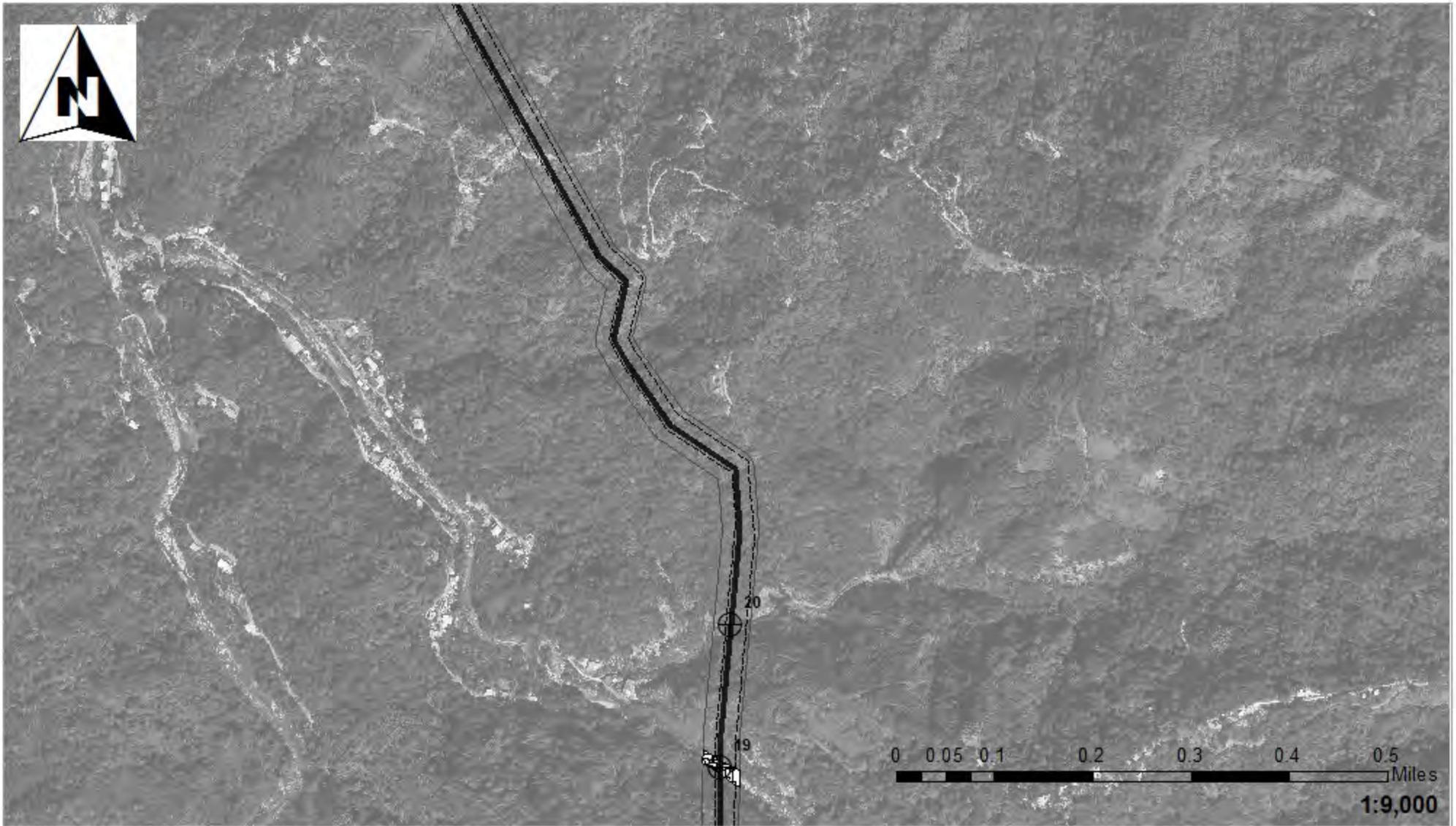
-  24" Pipe
-  Workspace
-  HDD Crossing
-  Open Cut Crossing
-  Drill Crossing

	Wetlands/ Waters No Fill	
Wetland Impacts		
	Temporary Fill	0.00
	Permanent Fill	0.00
	Total	0.00



Sheet # 23

Source: 2011. Coll Rivera Environmental Via Verde JD.
 1957-82. USGS. Topographic Maps of the Puerto Rico Quadrangles.
 1987. USFWS. National Wetland Inventory Maps.
 2010. Puerto Rico Planning Board. Aerial Photographs.



Waters of the United States
Impact Maps
Sheet # 24
Via Verde Project
(SAJ-2010-02881(IP-EWG))

Source: 2011. Coll Rivera Environmental Via Verde JD.
1957-82. USGS. Topographic Maps of the Puerto Rico Quadrangles.
1987. USFWS. National Wetland Inventory Maps.
2010. Puerto Rico Planning Board. Aerial Photographs.

Legend

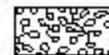
— 24" Pipe

- - - Workspace

⊕ HDD Crossing

⊕ Open Cut Crossing

● Drill Crossing



Wetlands/ Waters No Fill

Wetland Impacts **Acres**

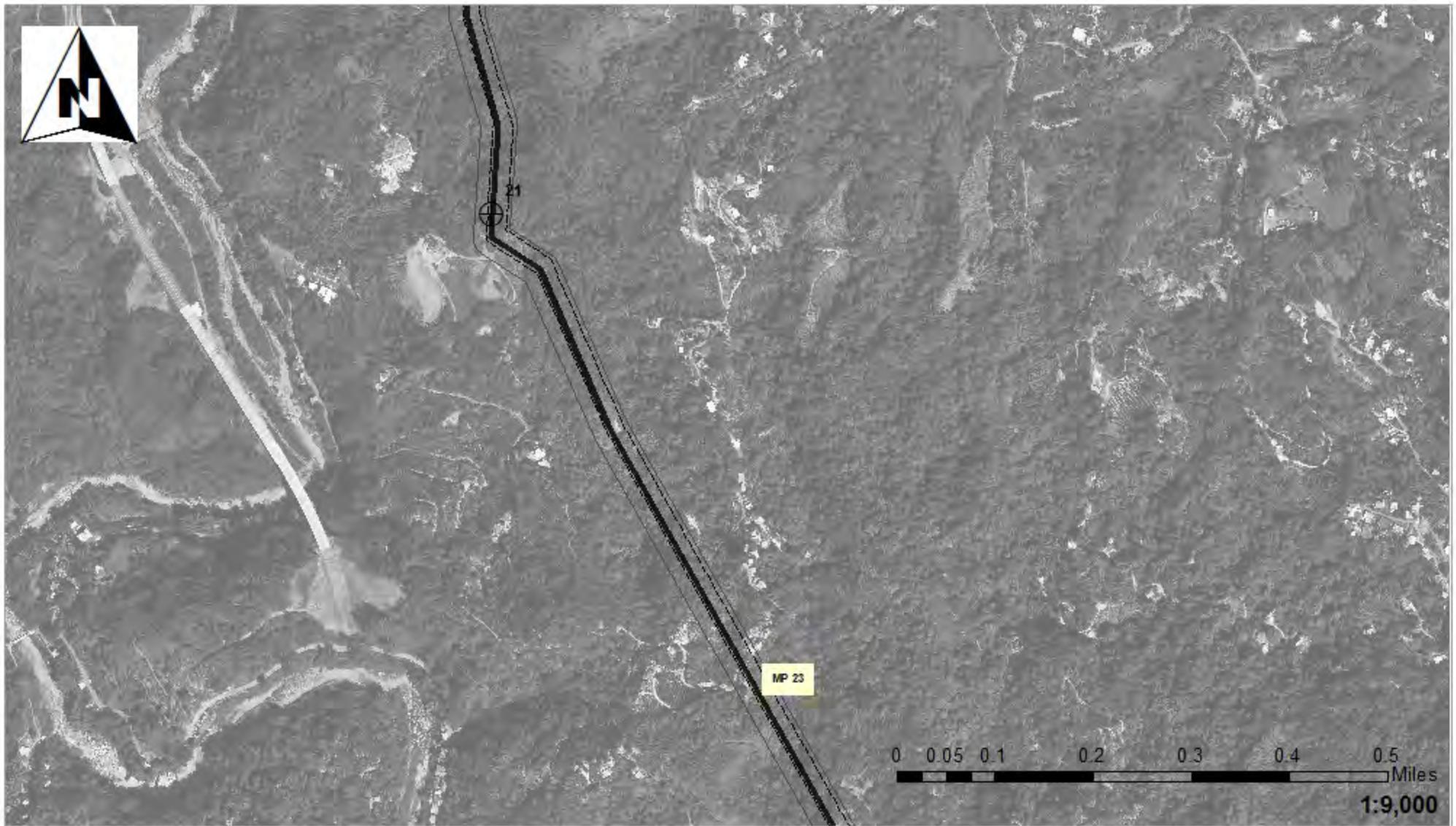
▨ Temporary Fill 0.10

▩ Permanent Fill 0.00

Total **0.10**



Sheet # 24



Waters of the United States
Impact Maps
Sheet # 25
 Via Verde Project
 (SAJ-2010-02881(IP-EWG))

Source: 2011. Coll Rivera Environmental Via Verde JD.
 1957-82. USGS. Topographic Maps of the Puerto Rico Quadrangles.
 1987. USFWS. National Wetland Inventory Maps.
 2010. Puerto Rico Planning Board. Aerial Photographs.

Legend

- 24" Pipe
- Workspace
- HDD Crossing
- Open Cut Crossing
- Drill Crossing

	Wetlands/ Waters No Fill	
Wetland Impacts		
	Temporary Fill	0.05
	Permanent Fill	0.00
	Total	0.05



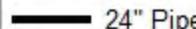
Sheet # 25

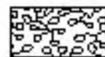


Waters of the United States
Impact Maps
Sheet # 26
 Via Verde Project
 (SAJ-2010-02881(IP-EWG))

Source: 2011. Coll Rivera Environmental Via Verde JD.
 1957-82. USGS. Topographic Maps of the Puerto Rico Quadrangles.
 1987. USFWS. National Wetland Inventory Maps.
 2010. Puerto Rico Planning Board. Aerial Photographs.

Legend

-  24" Pipe
-  Workspace
-  HDD Crossing
-  Open Cut Crossing
-  Drill Crossing

	Wetlands/ Waters No Fill	
Wetland Impacts		
	Temporary Fill	0.00
	Permanent Fill	0.00
	Total	0.00





August 5 Alignment

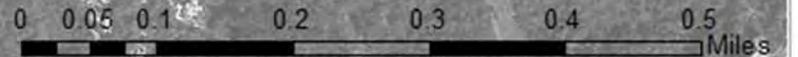
MP 25

25

24

23

22



1:9,000

Waters of the United States
Impact Maps
Sheet # 27
 Via Verde Project
 (SAJ-2010-02881(IP-EWG))

Source: 2011. Coll Rivera Environmental Via Verde JD.
 1957-82. USGS. Topographic Maps of the Puerto Rico Quadrangles.
 1987. USFWS. National Wetland Inventory Maps.
 2010. Puerto Rico Planning Board. Aerial Photographs.

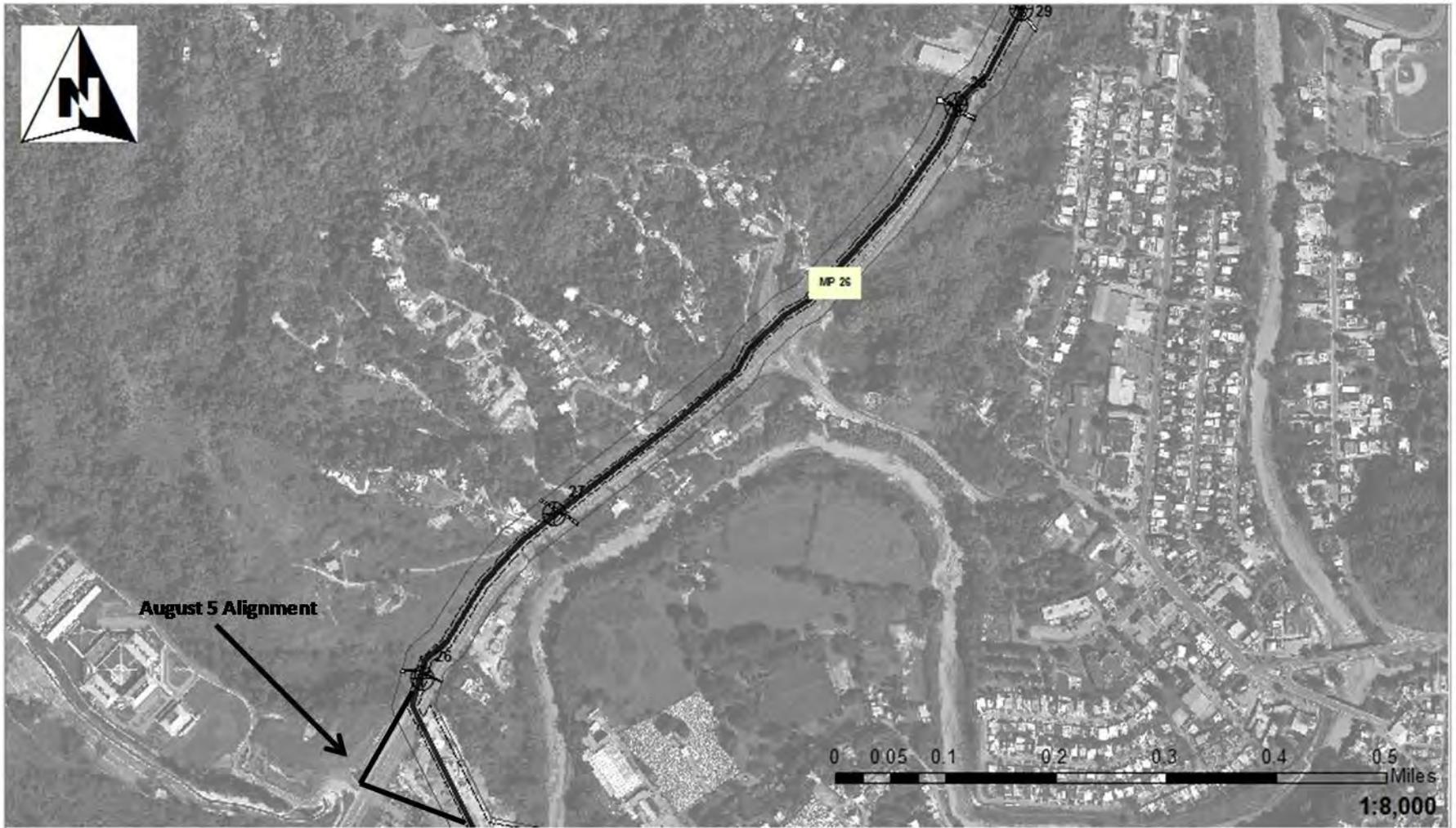
Legend

-  24" Pipe
-  Workspace
-  HDD Crossing
-  Open Cut Crossing
-  Drill Crossing

	Wetlands/ Waters No Fill	
Wetland Impacts		
		Acres
	Temporary Fill	0.8
	Permanent Fill	0.00
	Total	0.8



Sheet # 27



Waters of the United States
Impact Maps
Sheet # 28
Via Verde Project
(SAJ-2010-02881(IP-EWG))

Source: 2011. Coll Rivera Environmental I/Via Verde JD.
1957-82. USGS. Topographic Maps of the Puerto Rico Quad angles.
1987. USFWS. National Wetland Inventory Maps.
2010. Puerto Rico Planning Board. Aerial Photographs.

Legend

-  24" Pipe
-  Workspace
-  HDD Crossing
-  Open Cut Crossing
-  Drill Crossing

Wetland Impacts		Acres
	Wetlands/ Waters No Fill	
	Temporary Fill	0.20
	Permanent Fill	0.00
	Total	0.20





Waters of the United States
Impact Maps
Sheet # 29
 Via Verde Project
 (SAJ-2010-02881(IP-EWG))

Source: 2011. Coll Rivera Environmental Via Verde JD.
 1957-82. USGS. Topographic Maps of the Puerto Rico Quadrangles.
 1987. USFWS. National Wetland Inventory Maps.
 2010. Puerto Rico Planning Board. Aerial Photographs.

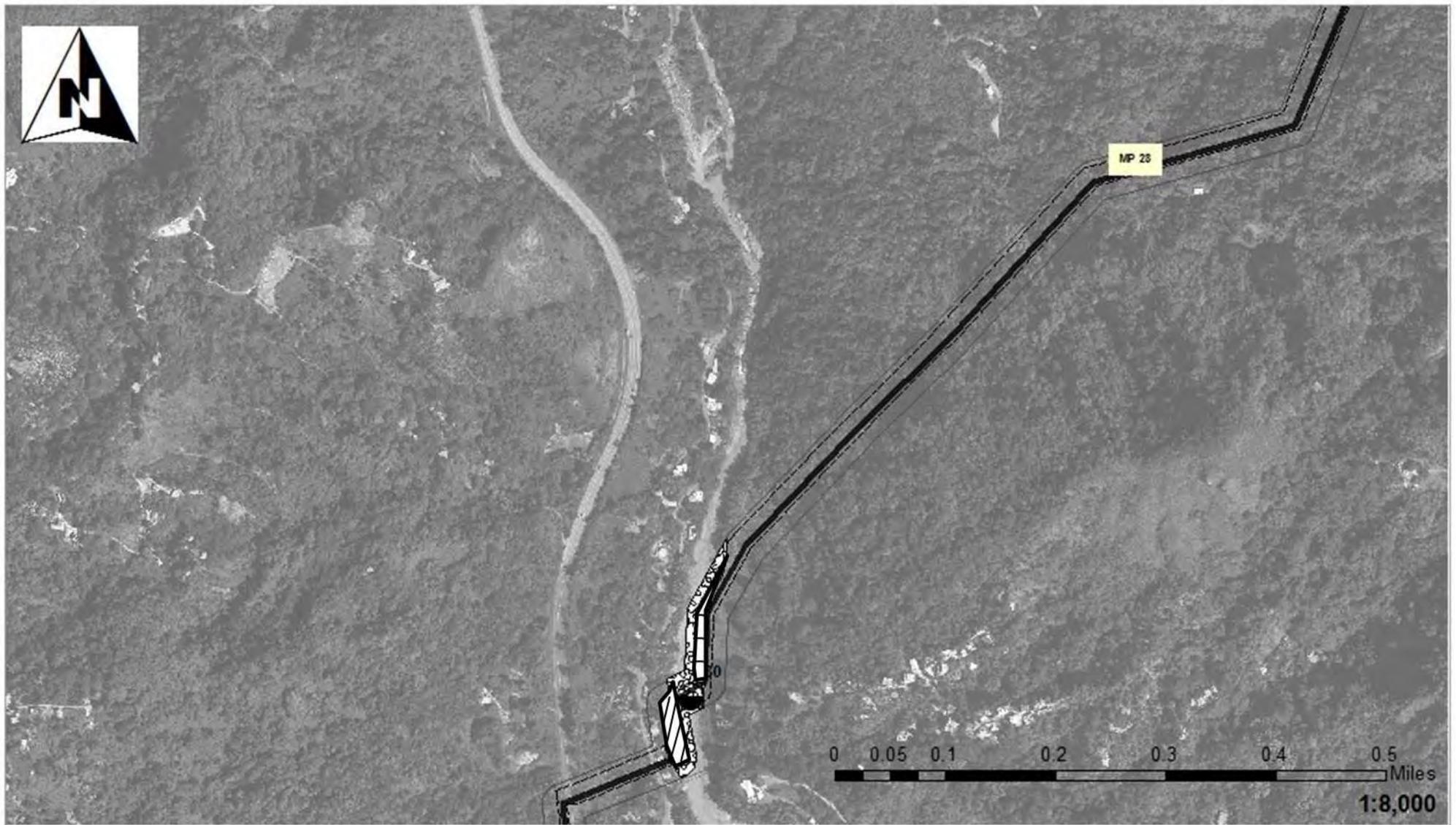
Legend

- 24" Pipe
- Workspace
- HDD Crossing
- Open Cut Crossing
- Drill Crossing

	Wetlands/ Waters No Fill	
Wetland Impacts		
		Acres
	Temporary Fill	0.05
	Permanent Fill	0.00
	Total	0.05



Sheet # 29



Waters of the United States
Impact Maps
Sheet # 30
Via Verde Project
(SAJ-2010-02881(IP-EWG))

Source: 2011. Coll Rivera Environmental / Via Verde JD.
1957-82. USGS. Topographic Maps of the Puerto Rico Quadrangles.
1987. USFWS. National Wetland Inventory Maps.
2010. Puerto Rico Planning Board. Aerial Photographs.

Legend

- 24" Pipe
- - - Workspace
- ⊕ HDD Crossing
- ⊕ Open Cut Crossing
- ⊕ Drill Crossing

Wetland Impacts	Acres
Wetlands/ Waters No Fill	
Temporary Fill	1.0
Permanent Fill	0.00
Total	1.0





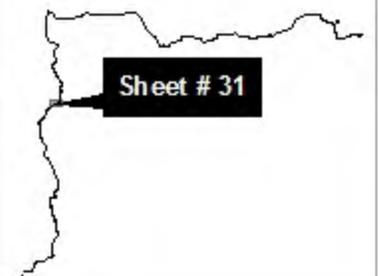
Waters of the United States
Impact Maps
Sheet # 31
 Via Verde Project
 (SAJ-2010-02881(IP-EWG))

Source: 2011. Coll Rivera Environmental Via Verde JD.
 1957-82. USGS. Topographic Maps of the Puerto Rico Quadrangles.
 1987. USFWS. National Wetland Inventory Maps.
 2010. Puerto Rico Planning Board. Aerial Photographs.

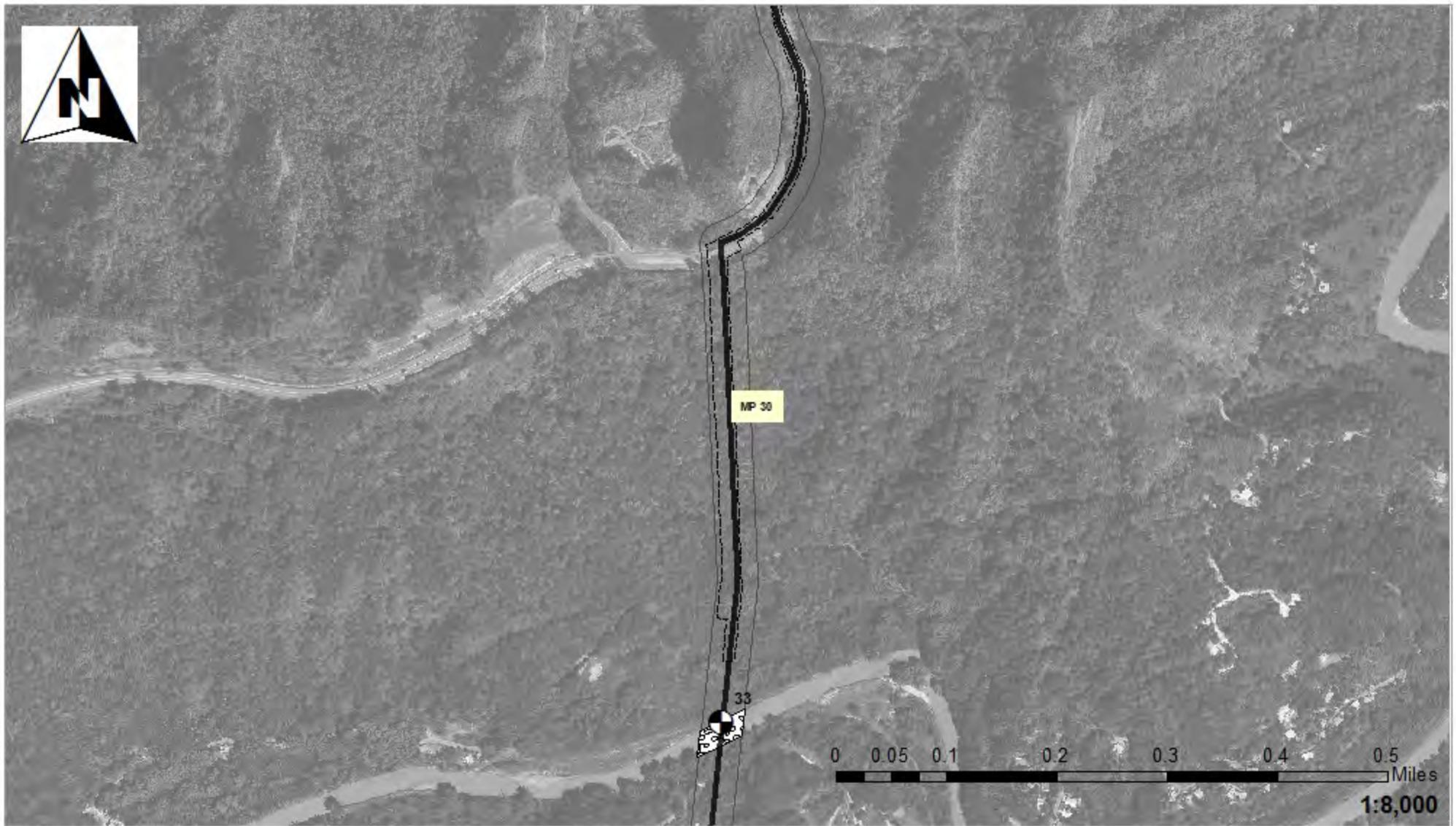
Legend

- 24" Pipe
- Workspace
- HDD Crossing
- Open Cut Crossing
- Drill Crossing

	Wetlands/ Waters No Fill	
Wetland Impacts		
	Temporary Fill	0.10
	Permanent Fill	0.00
	Total	0.10



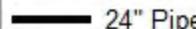
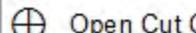
Sheet # 31



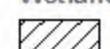
Waters of the United States
Impact Maps
Sheet # 32
Via Verde Project
(SAJ-2010-02881(IP-EWG))

Source: 2011. Coll Rivera Environmental Via Verde JD.
1957-82. USGS. Topographic Maps of the Puerto Rico Quadrangles.
1987. USFWS. National Wetland Inventory Maps.
2010. Puerto Rico Planning Board. Aerial Photographs.

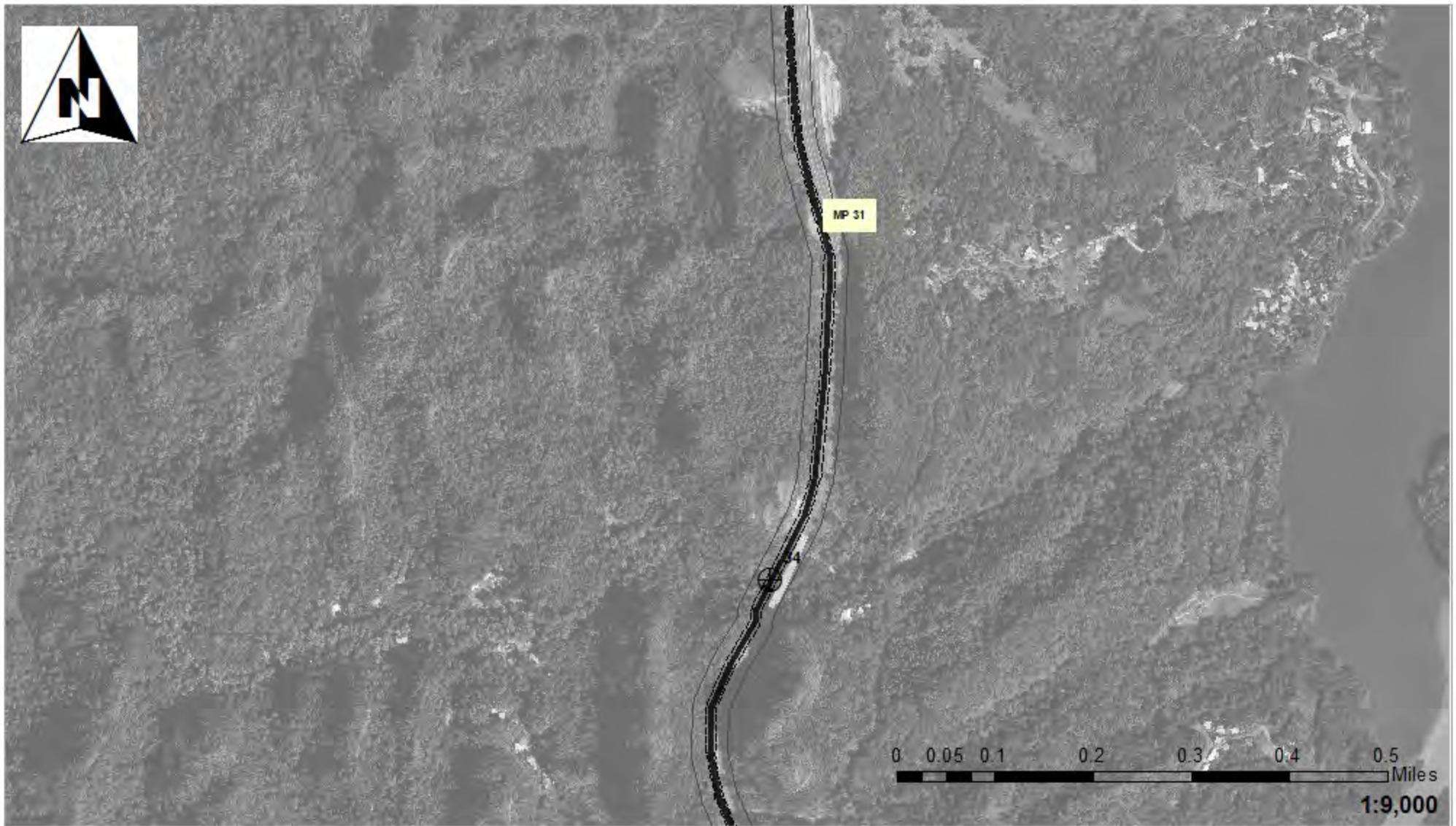
Legend

-  24" Pipe
-  Workspace
-  HDD Crossing
-  Open Cut Crossing
-  Drill Crossing

 Wetlands/ Waters No Fill

Wetland Impacts		Acres
	Temporary Fill	0.00
	Permanent Fill	0.00
Total		0.00



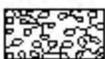


Waters of the United States
Impact Maps
Sheet # 33
Via Verde Project
(SAJ-2010-02881(IP-EWG))

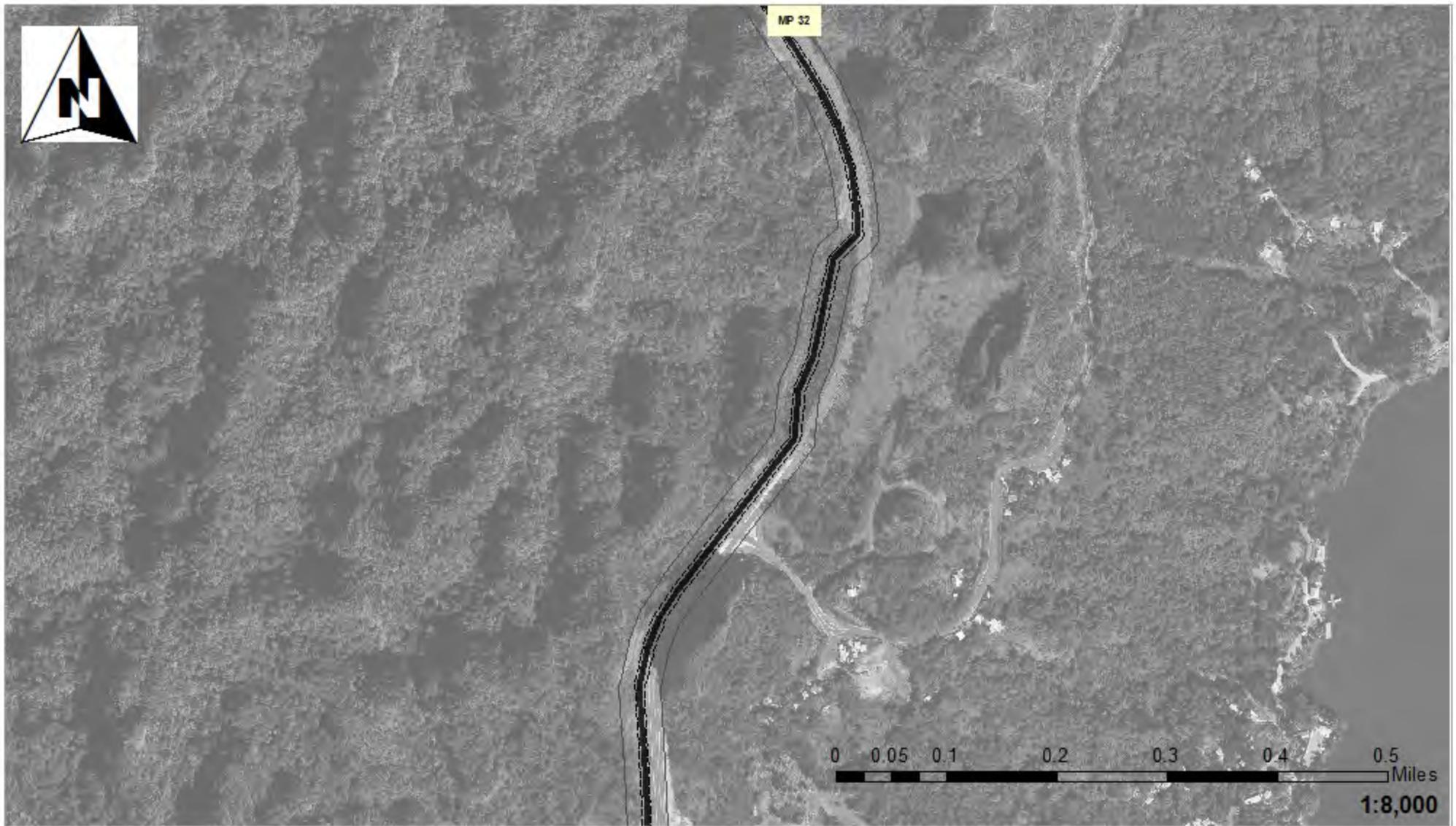
Source: 2011. Coll Rivera Environmental Via Verde JD.
1957-82. USGS. Topographic Maps of the Puerto Rico Quadrangles.
1987. USFWS. National Wetland Inventory Maps.
2010. Puerto Rico Planning Board. Aerial Photographs.

Legend

-  24" Pipe
-  Workspace
-  HDD Crossing
-  Open Cut Crossing
-  Drill Crossing

	Wetlands/ Waters No Fill
Wetland Impacts	
	Temporary Fill 0.05
	Permanent Fill 0.00
	Total 0.05

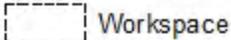




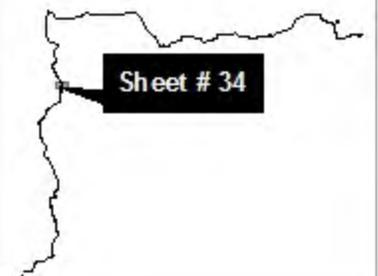
Waters of the United States
Impact Maps
Sheet # 34
Via Verde Project
(SAJ-2010-02881(IP-EWG))

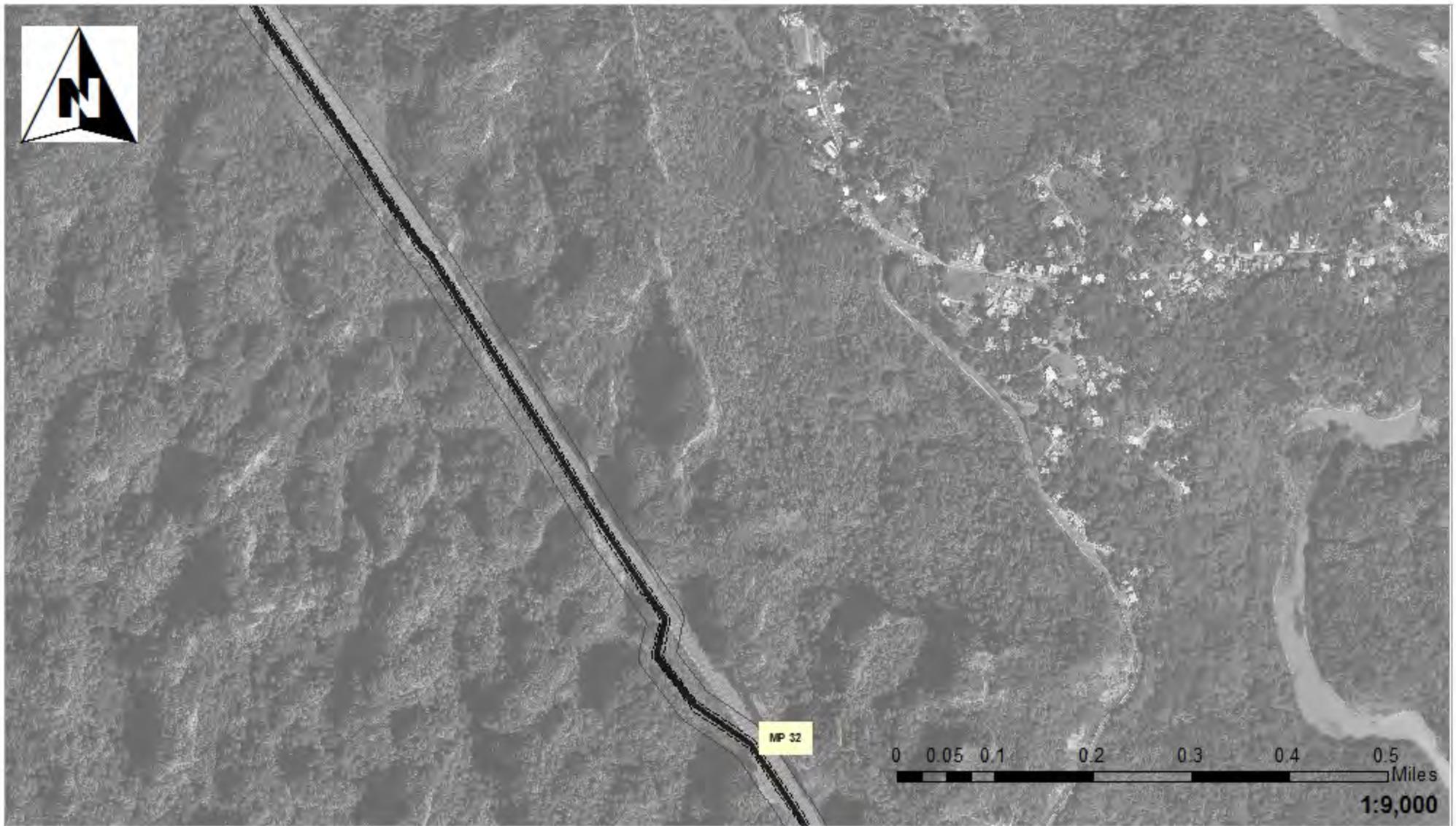
Source: 2011. Coll Rivera Environmental Via Verde JD.
1957-82. USGS. Topographic Maps of the Puerto Rico Quadrangles.
1987. USFWS. National Wetland Inventory Maps.
2010. Puerto Rico Planning Board. Aerial Photographs.

Legend

-  24" Pipe
-  Workspace
-  HDD Crossing
-  Open Cut Crossing
-  Drill Crossing

Wetland Impacts		Acres
	Wetlands/ Waters No Fill	
	Temporary Fill	0.00
	Permanent Fill	0.00
	Total	0.00





Waters of the United States
Impact Maps
Sheet # 35
 Via Verde Project
 (SAJ-2010-02881(IP-EWG))

Source: 2011. Coll Rivera Environmental Via Verde JD.
 1957-82. USGS. Topographic Maps of the Puerto Rico Quadrangles.
 1987. USFWS. National Wetland Inventory Maps.
 2010. Puerto Rico Planning Board. Aerial Photographs.

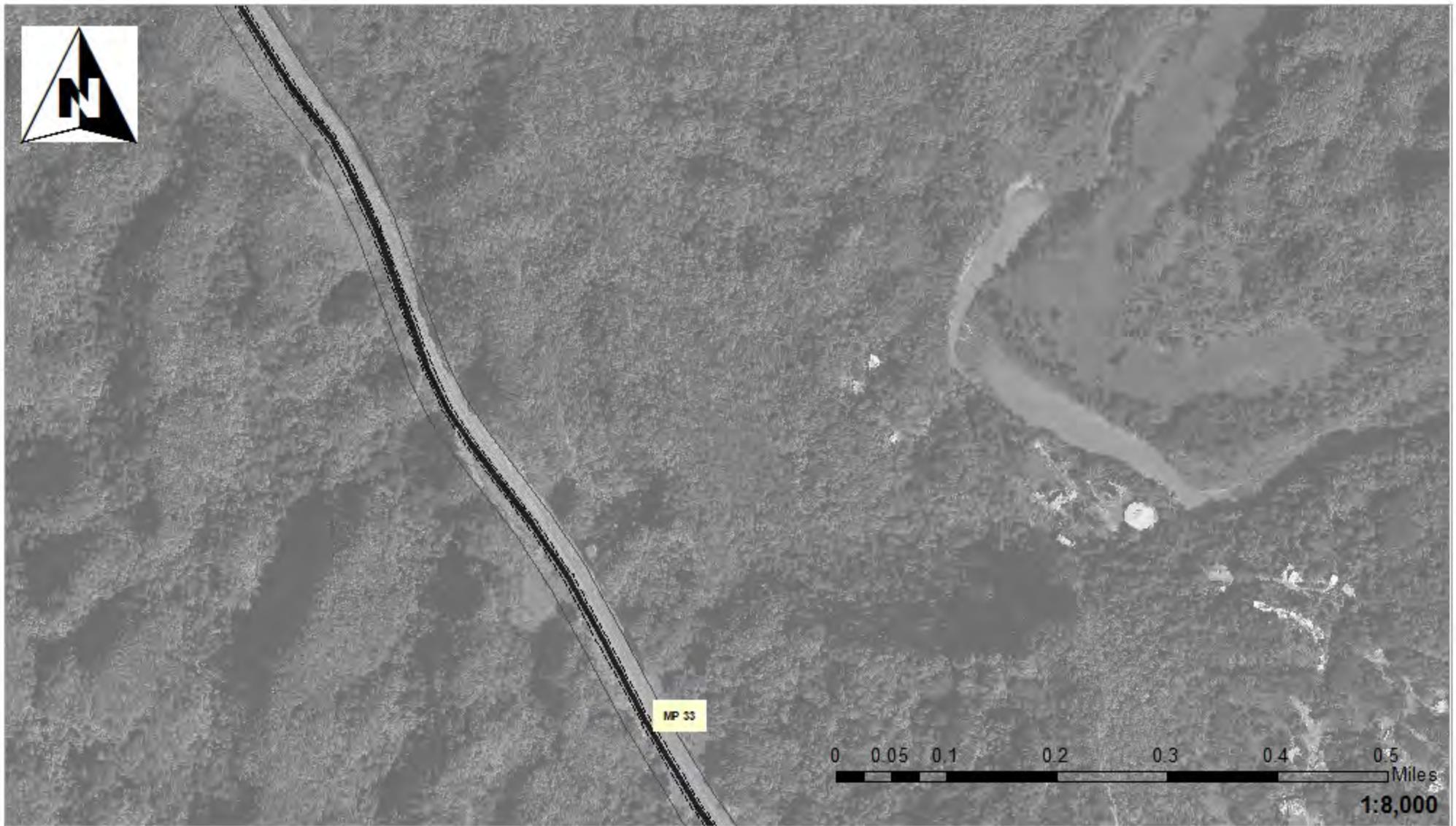
Legend

-  24" Pipe
-  Workspace
-  HDD Crossing
-  Open Cut Crossing
-  Drill Crossing

	Wetlands/ Waters No Fill	
Wetland Impacts		
	Temporary Fill	0.00
	Permanent Fill	0.00
	Total	0.00



Sheet # 35



Waters of the United States
Impact Maps
Sheet # 36
Via Verde Project
(SAJ-2010-02881(IP-EWG))

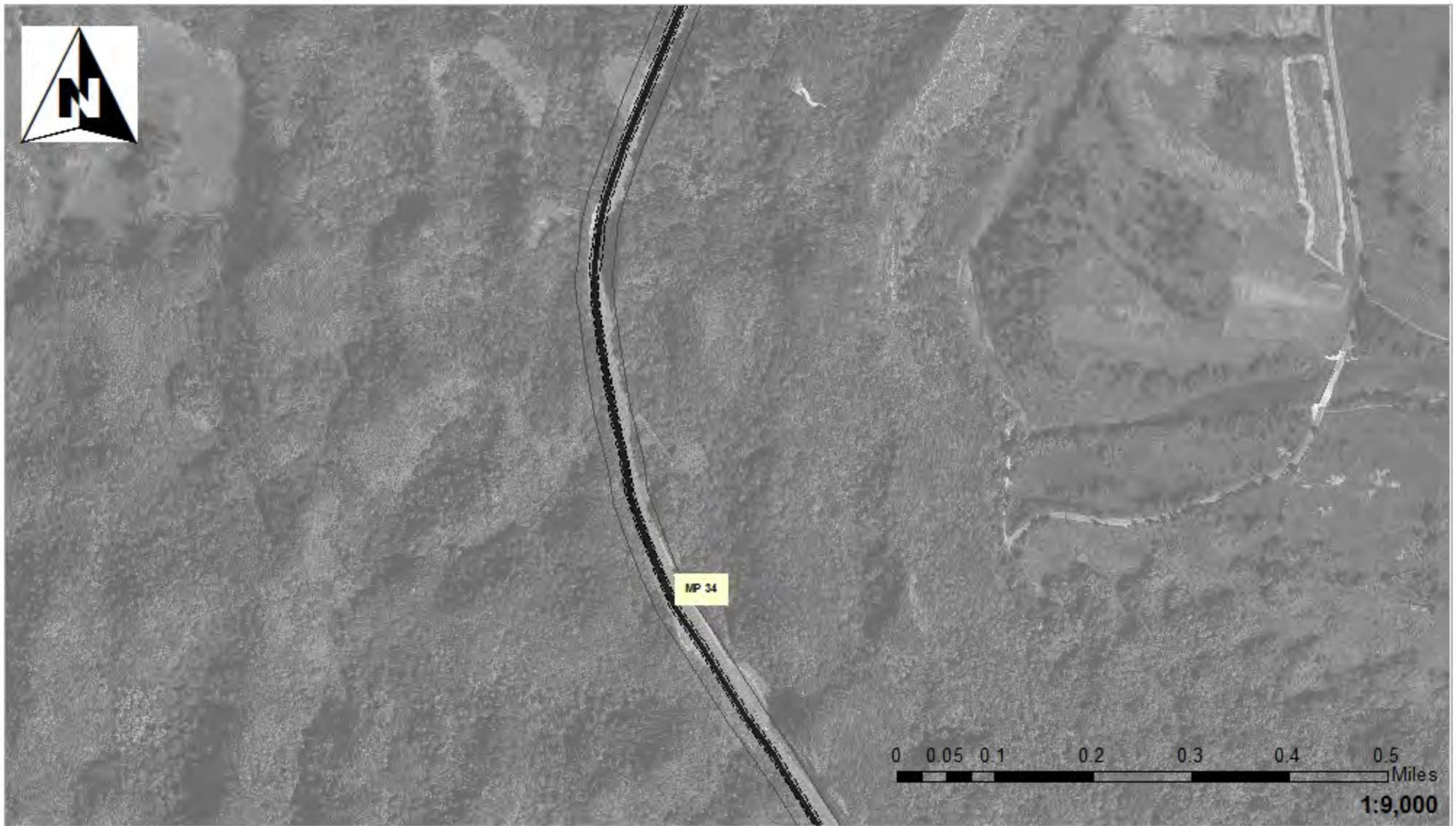
Source: 2011. Coll Rivera Environmental Via Verde JD.
1957-82. USGS. Topographic Maps of the Puerto Rico Quadrangles.
1987. USFWS. National Wetland Inventory Maps.
2010. Puerto Rico Planning Board. Aerial Photographs.

Legend

- 24" Pipe
- Workspace
- HDD Crossing
- Open Cut Crossing
- Drill Crossing

Wetland Impacts		Acres
	Wetlands/ Waters No Fill	
	Temporary Fill	0.00
	Permanent Fill	0.00
	Total	0.00





Waters of the United States
Impact Maps
Sheet # 37
 Via Verde Project
 (SAJ-2010-02881(IP-EWG))

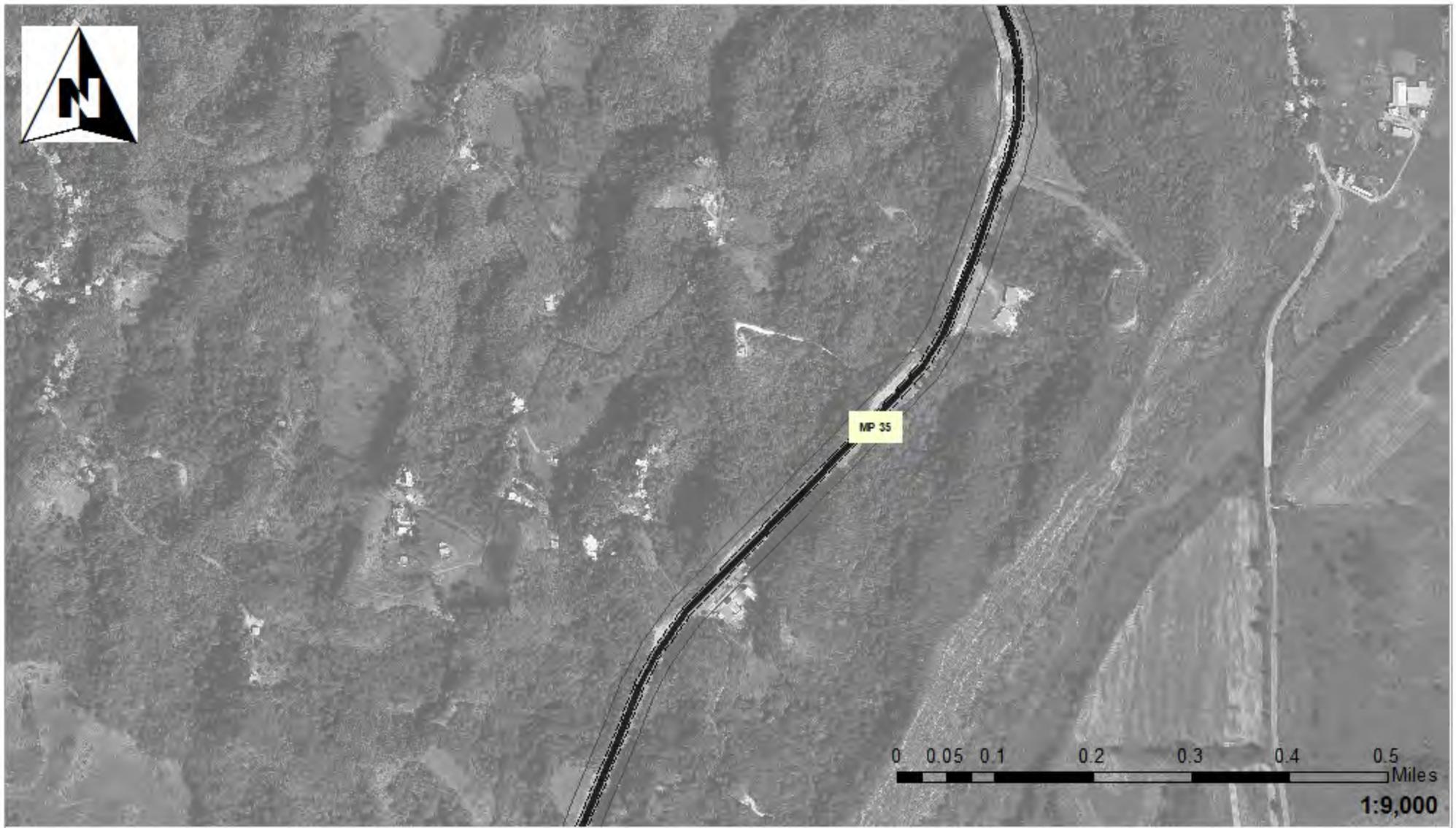
Source: 2011. Coll Rivera Environmental Via Verde JD.
 1957-82. USGS. Topographic Maps of the Puerto Rico Quadrangles.
 1987. USFWS. National Wetland Inventory Maps.
 2010. Puerto Rico Planning Board. Aerial Photographs.

Legend

-  24" Pipe
-  Workspace
-  HDD Crossing
-  Open Cut Crossing
-  Drill Crossing

	Wetlands/ Waters No Fill	
Wetland Impacts		
	Temporary Fill	0.00
	Permanent Fill	0.00
	Total	0.00





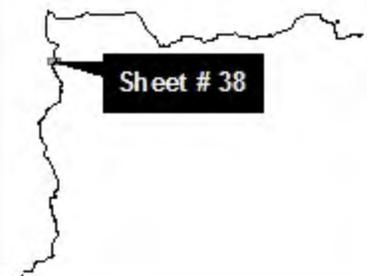
Waters of the United States
Impact Maps
Sheet # 38
Via Verde Project
(SAJ-2010-02881(IP-EWG))

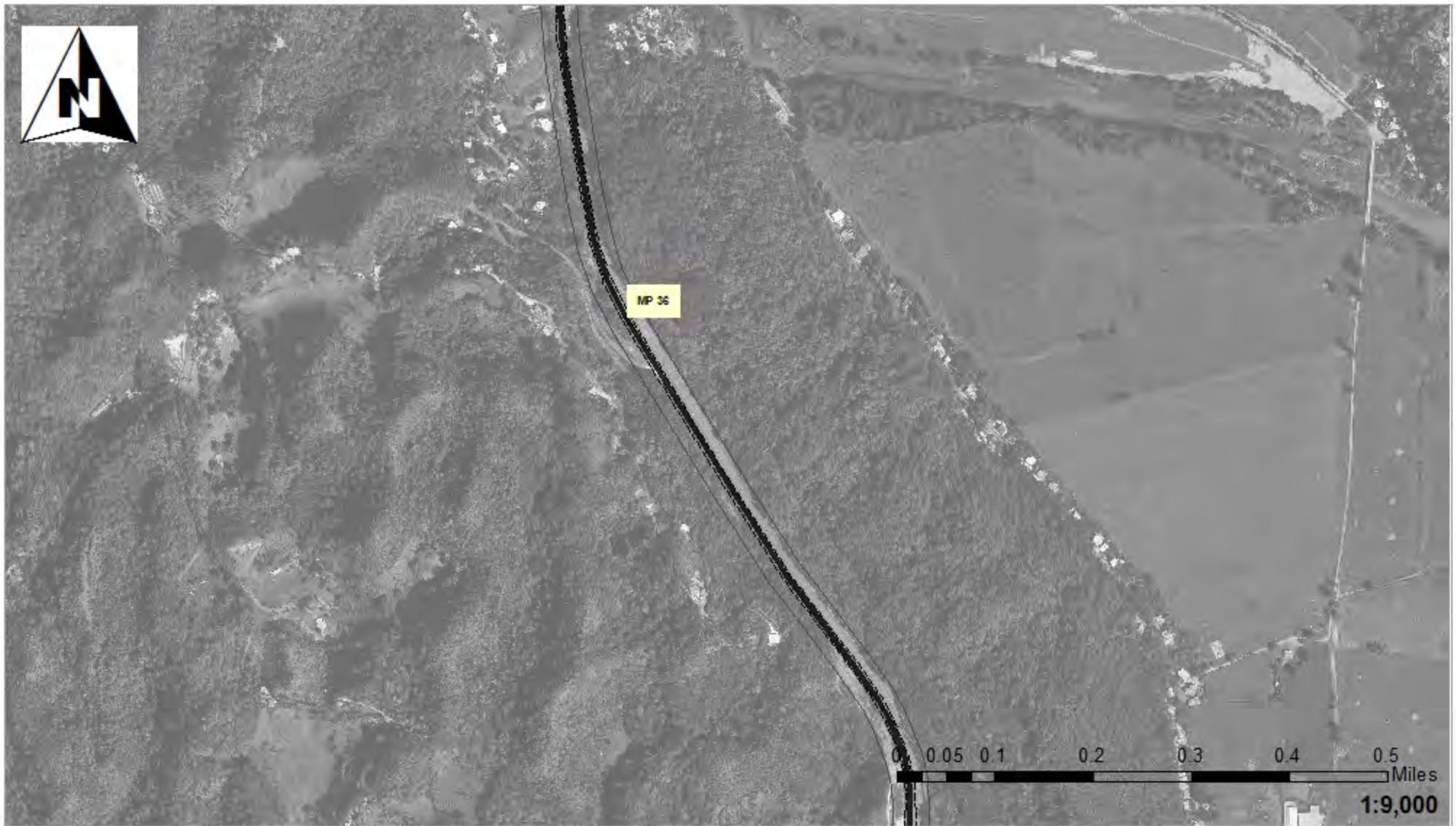
Source: 2011. Coll Rivera Environmental Via Verde JD.
1957-82. USGS. Topographic Maps of the Puerto Rico Quadrangles.
1987. USFWS. National Wetland Inventory Maps.
2010. Puerto Rico Planning Board. Aerial Photographs.

Legend

-  24" Pipe
-  Workspace
-  HDD Crossing
-  Open Cut Crossing
-  Drill Crossing

Wetland Impacts		Acres
	Wetlands/ Waters No Fill	
	Temporary Fill	0.00
	Permanent Fill	0.00
	Total	0.00





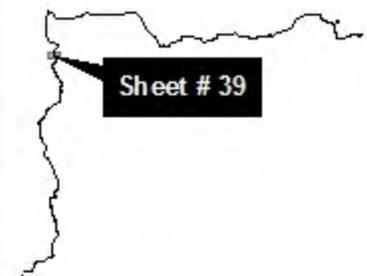
Waters of the United States
Impact Maps
Sheet # 39
Via Verde Project
(SAJ-2010-02881(IP-EWG))

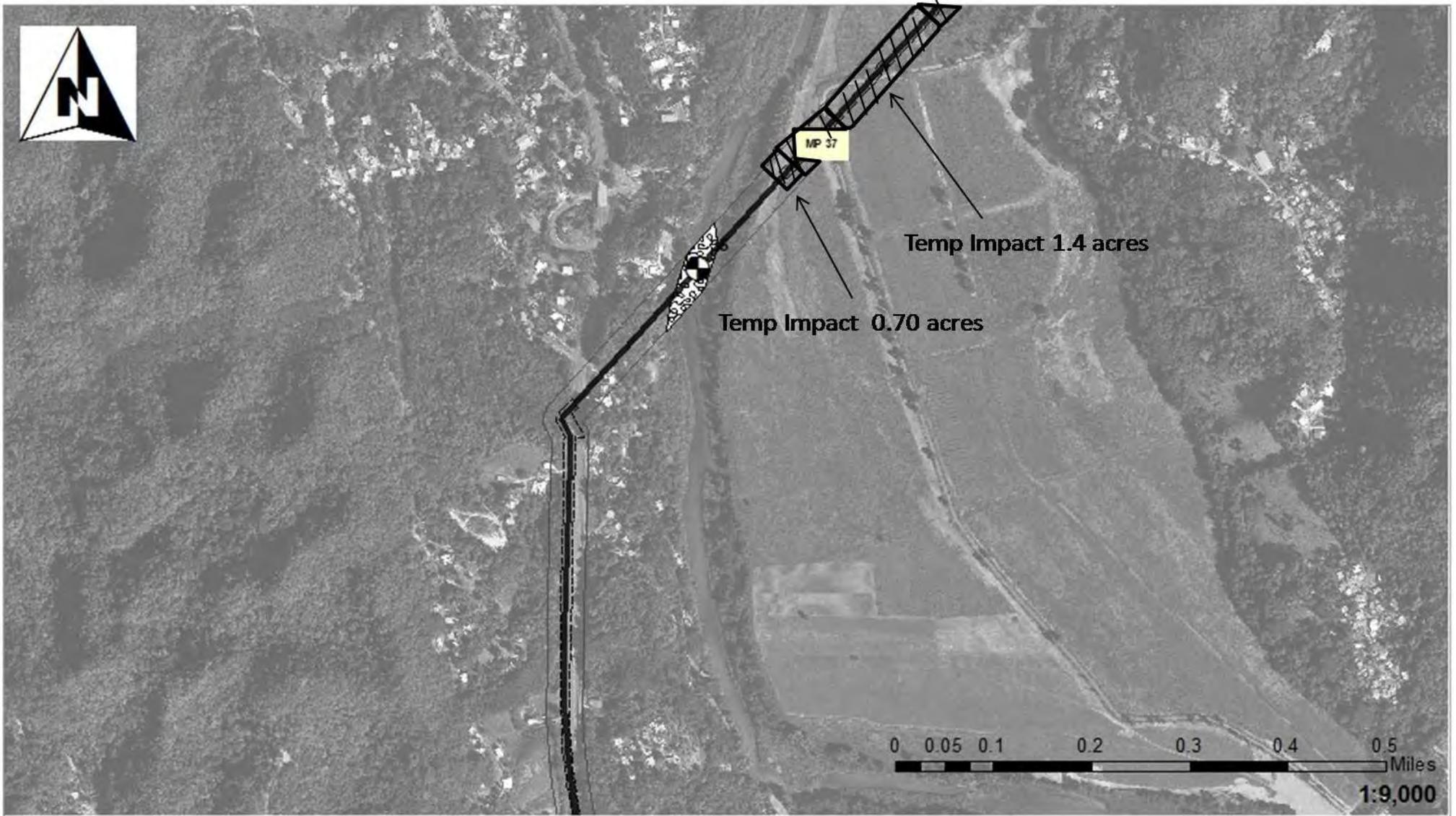
Source: 2011. Coll Rivera Environmental Via Verde JD.
1957-82. USGS. Topographic Maps of the Puerto Rico Quadrangles.
1987. USFWS. National Wetland Inventory Maps.
2010. Puerto Rico Planning Board. Aerial Photographs.

Legend

-  24" Pipe
-  Workspace
-  HDD Crossing
-  Open Cut Crossing
-  Drill Crossing

Wetland Impacts		Acres
	Wetlands/ Waters No Fill	
	Temporary Fill	0.00
	Permanent Fill	0.00
	Total	0.00





Waters of the United States
Impact Maps
Sheet # 40
 Via Verde Project
 (SAJ-2010-02881(IP-EWG))

Source: 2011. Coll Rivera Environmental Via Verde JD.
 1957-82. USGS. Topographic Maps of the Puerto Rico Quadrangles.
 1987. USFWS. National Wetland Inventory Maps.
 2010. Puerto Rico Planning Board. Aerial Photographs.

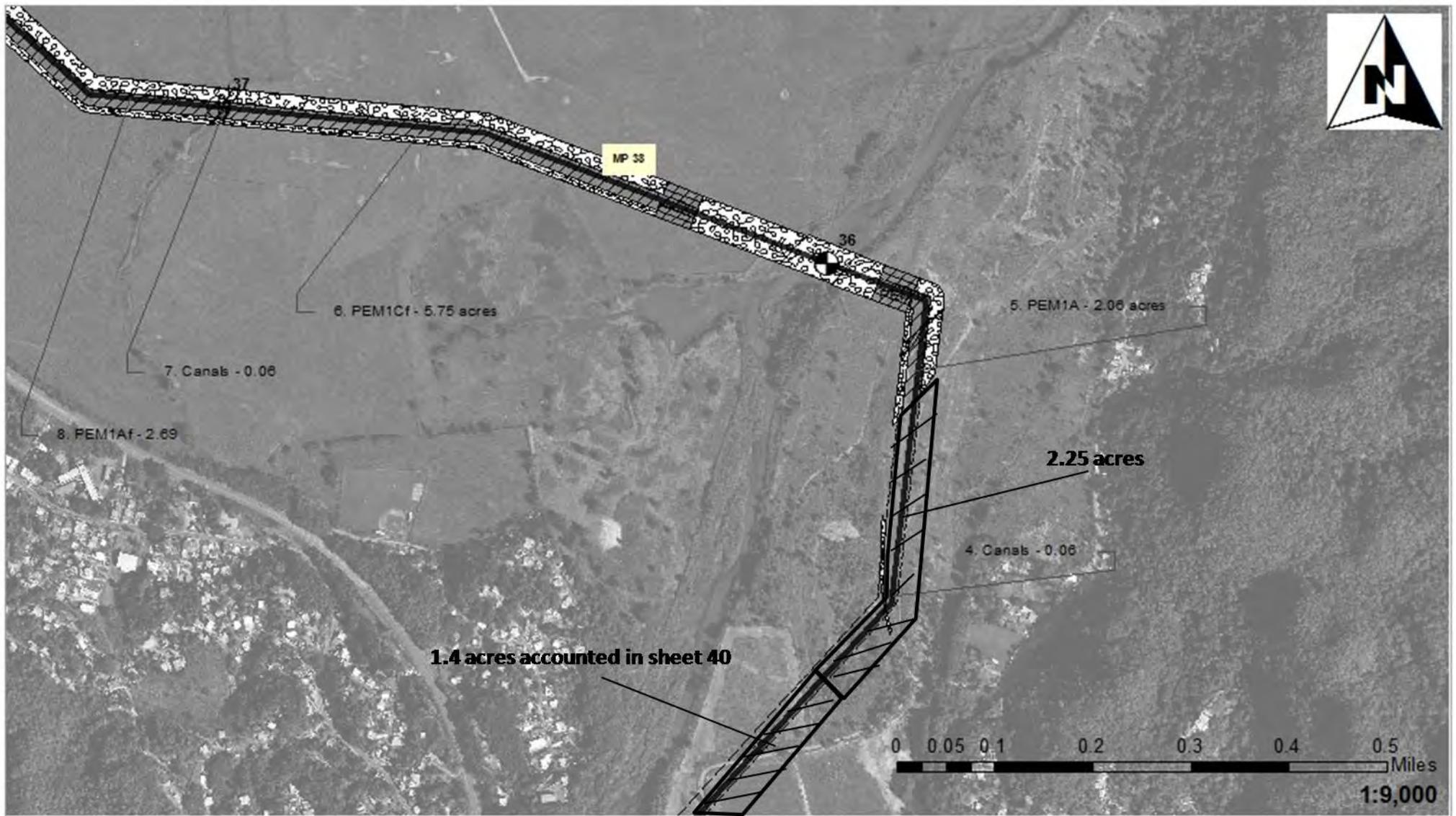
Legend

- 24" Pipe
- Workspace
- HDD Crossing
- Open Cut Crossing
- Drill Crossing

	Wetlands/ Waters No Fill	
Wetland Impacts		
	Temporary Fill	2.1
	Permanent Fill	0.00
	Total	2.1



Sheet # 40



Waters of the United States
Impact Maps
Sheet # 41
 Via Verde Project
 (SAJ-2010-02881(IP-EWG))

Source: 2011. Coll Rivera Environmental Via Verde JD.
 1957-62. USGS. Topographic Maps of the Puerto Rico Quadrangles.
 1987. USFWS. National Wetland Inventory Maps.
 2010. Puerto Rico Planning Board. Aerial Photographs.

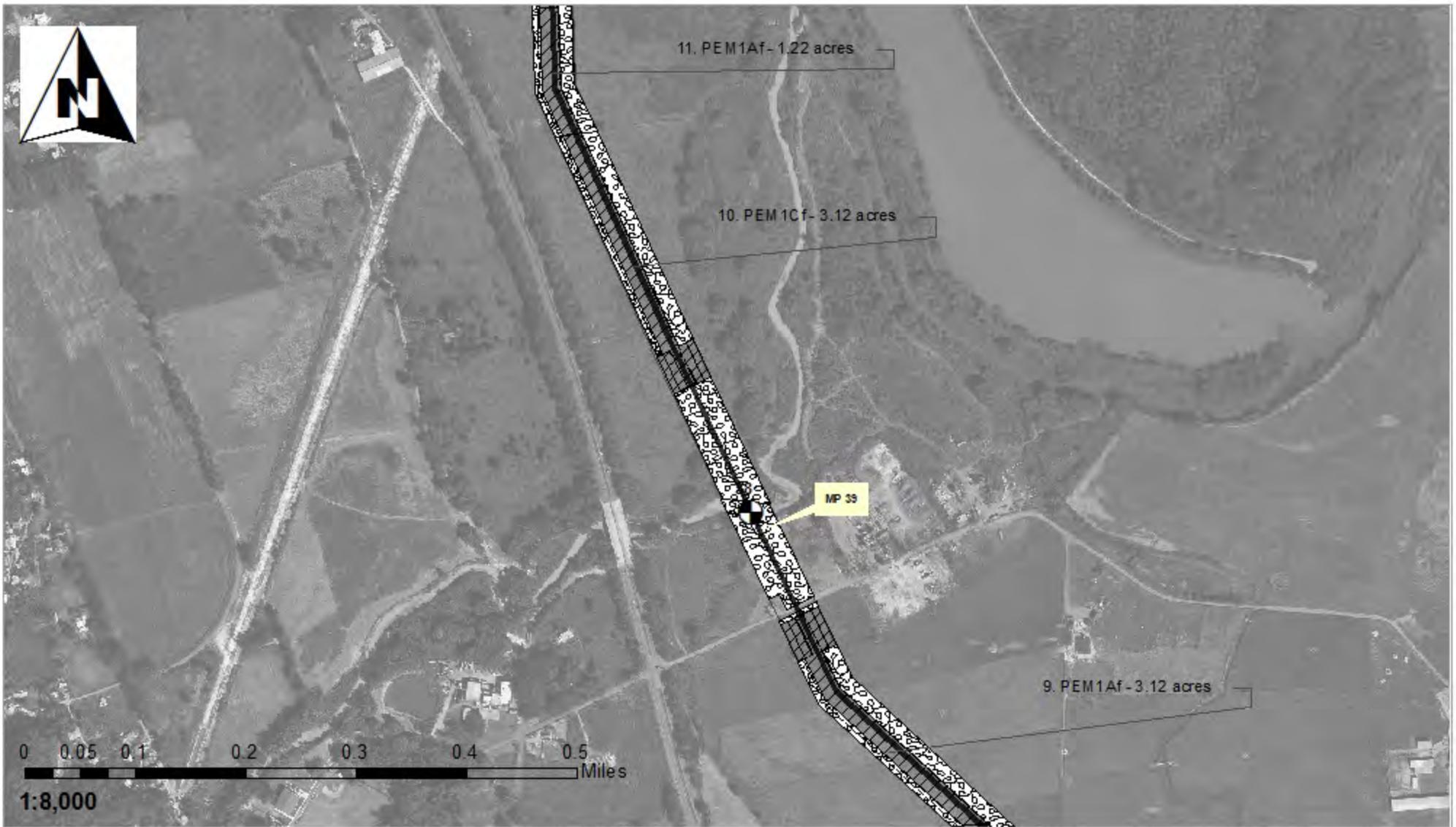
Legend

- 24" Pipe
- Workspace
- HDD Crossing
- Open Cut Crossing
- Drill Crossing

Wetlands/ Waters No Fill

Wetland Impacts	Acres
Temporary Fill	12.87
Permanent Fill	0.00
Total	12.87

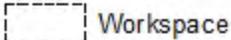




Waters of the United States
Impact Maps
Sheet # 42
Via Verde Project
(SAJ-2010-02881(IP-EWG))

Source: 2011. Coll Rivera Environmental Via Verde JD.
1957-82. USGS. Topographic Maps of the Puerto Rico Quadrangles.
1987. USFWS. National Wetland Inventory Maps.
2010. Puerto Rico Planning Board. Aerial Photographs.

Legend

-  24" Pipe
-  Workspace
-  HDD Crossing
-  Open Cut Crossing
-  Drill Crossing

Wetland Impacts		Acres
	Wetlands/ Waters No Fill	
	Temporary Fill	7.46
	Permanent Fill	0.00
	Total	7.46





Waters of the United States
Impact Maps
Sheet # 43
 Via Verde Project
 (SAJ-2010-02881(IP-EWG))

Source: 2011. Coll Rivera Environmental Via Verde JD.
 1957-82. USGS. Topographic Maps of the Puerto Rico Quadrangles.
 1987. USFWS. National Wetland Inventory Maps.
 2010. Puerto Rico Planning Board. Aerial Photographs.

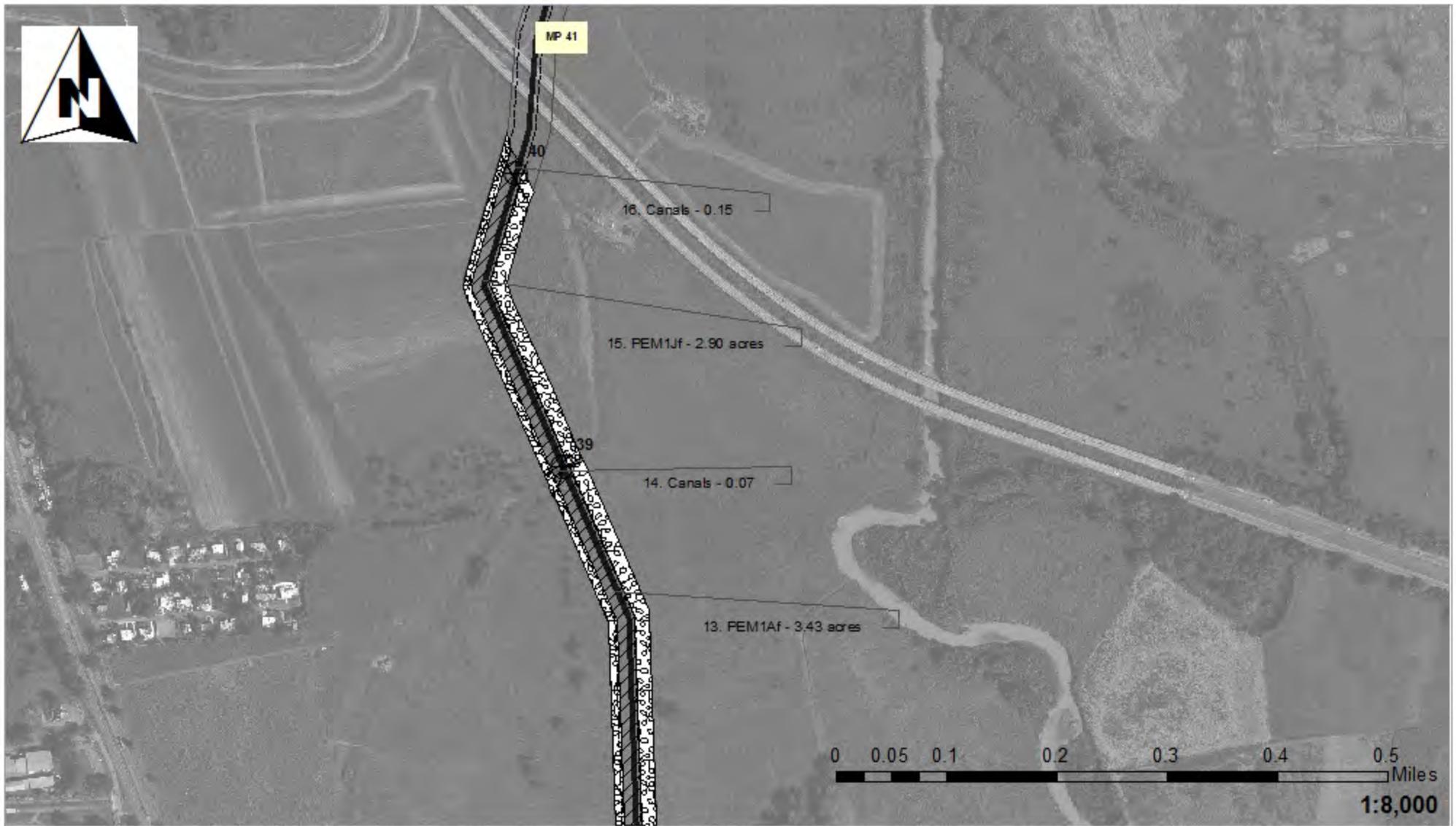
Legend

- 24" Pipe
- Workspace
- HDD Crossing
- Open Cut Crossing
- Drill Crossing

Wetland Impacts		Acres
	Wetlands/ Waters No Fill	
	Temporary Fill	7.71
	Permanent Fill	0.00
	Total	7.71



Sheet # 43



Waters of the United States
Impact Maps
Sheet # 44
Via Verde Project
(SAJ-2010-02881(IP-EWG))

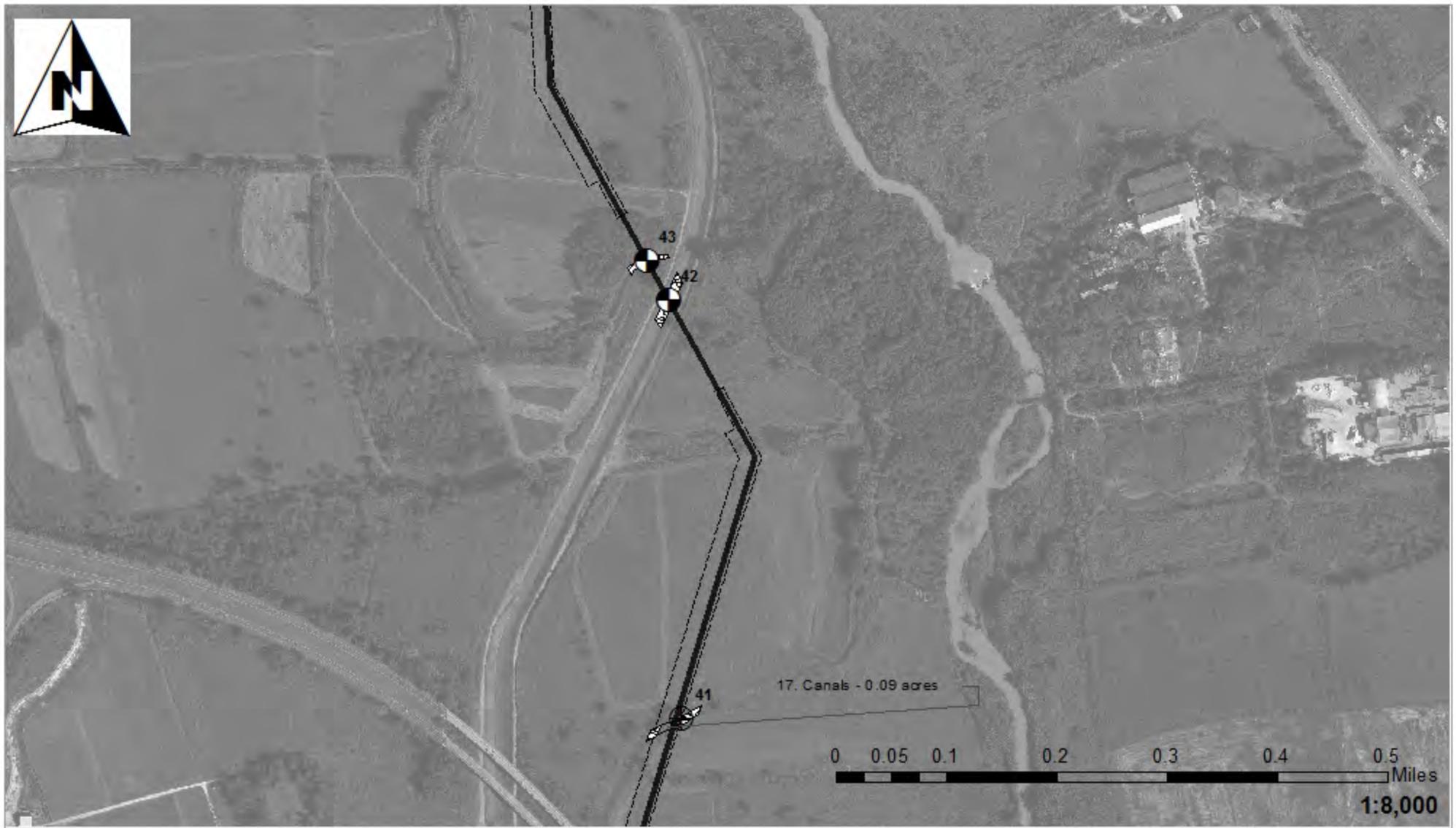
Source: 2011. Coll Rivera Environmental Via Verde JD.
1957-82. USGS. Topographic Maps of the Puerto Rico Quadrangles.
1987. USFWS. National Wetland Inventory Maps.
2010. Puerto Rico Planning Board. Aerial Photographs.

Legend

- 24" Pipe
- Workspace
- HDD Crossing
- Open Cut Crossing
- Drill Crossing

Wetland Impacts		Acres
	Wetlands/ Waters No Fill	
	Temporary Fill	6.29
	Permanent Fill	0.00
	Total	6.29





Waters of the United States
Impact Maps
Sheet # 45
Via Verde Project
(SAJ-2010-02881(IP-EWG))

Source: 2011. Coll Rivera Environmental Via Verde JD.
1957-82. USGS. Topographic Maps of the Puerto Rico Quadrangles.
1987. USFWS. National Wetland Inventory Maps.
2010. Puerto Rico Planning Board. Aerial Photographs.

Legend

— 24" Pipe

- - - Workspace

⊕ HDD Crossing

⊕ Open Cut Crossing

● Drill Crossing

 Wetlands/ Waters No Fill

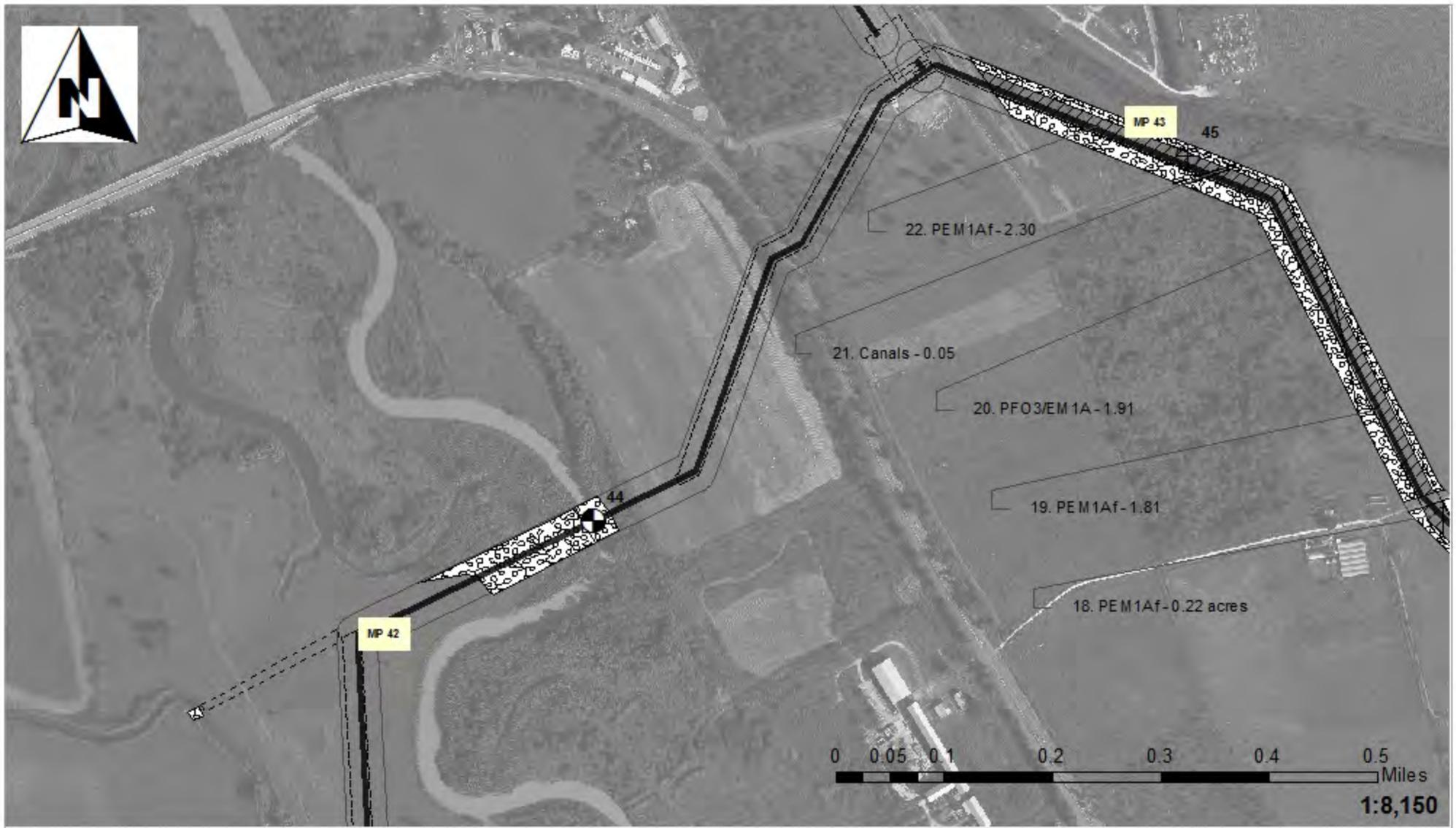
Wetland Impacts **Acres**

 Temporary Fill 0.09

 Permanent Fill 0.00

Total **0.09**





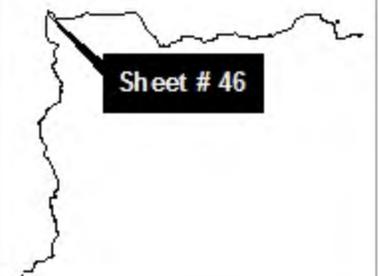
Waters of the United States
Impact Maps
Sheet # 46
 Via Verde Project
 (SAJ-2010-02881(IP-EWG))

Source: 2011. Coll Rivera Environmental Via Verde JD.
 1957-82. USGS. Topographic Maps of the Puerto Rico Quadrangles.
 1987. USFWS. National Wetland Inventory Maps.
 2010. Puerto Rico Planning Board. Aerial Photographs.

Legend

- 24" Pipe
- Workspace
- HDD Crossing
- Open Cut Crossing
- Drill Crossing

Wetland Impacts		Acres
	Temporary Fill	6.29
	Permanent Fill	0.00
	Total	6.29





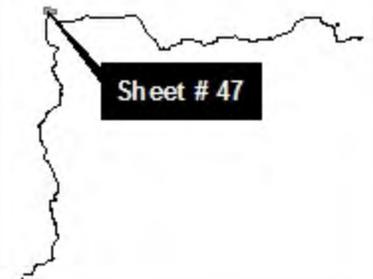
Waters of the United States
Impact Maps
Sheet # 47
 Via Verde Project
 (SAJ-2010-02881(IP-EWG))

Source: 2011. Coll Rivera Environmental Via Verde JD.
 1957-82. USGS. Topographic Maps of the Puerto Rico Quadrangles.
 1987. USFWS. National Wetland Inventory Maps.
 2010. Puerto Rico Planning Board. Aerial Photographs.

Legend

- 24" Pipe
- Workspace
- HDD Crossing
- Open Cut Crossing
- Drill Crossing

	Wetlands/ Waters No Fill	
Wetland Impacts		
	Temporary Fill	0.00
	Permanent Fill	0.00
	Total	0.00



Sheet # 47



0 0.05 0.1 0.2 0.3 0.4 0.5 Miles
1:9,150



Waters of the United States
Impact Maps
Sheet # 48
Via Verde Project
(SAJ-2010-02881(IP-EWG))

Source: 2011. Coll Rivera Environmental / Via Verde, JD
1957-52. USGS. Topographic Maps of the Puerto Rico Quadrangles.
1987. USFWS. National Wetland Inventory Maps.
2010. Puerto Rico Planning Board. Aerial Photographs.

Legend

— 24" Pipe

⊞ Workspace

⊕ HDD Crossing

⊕ Open Cut Crossing

⊖ Drill Crossing

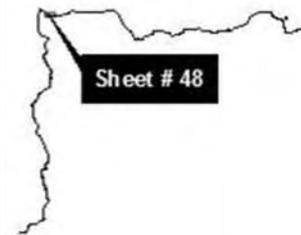
Wetlands/ Waters No Fill

Wetland Impacts Acres

Temporary Fill 16.75

Permanent Fill 0.00

Total 16.75





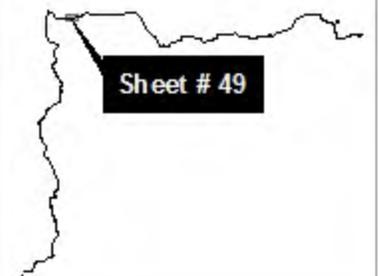
Waters of the United States
Impact Maps
Sheet # 49
 Via Verde Project
 (SAJ-2010-02881(IP-EWG))

Source: 2011. Coll Rivera Environmental Via Verde JD.
 1957-82. USGS. Topographic Maps of the Puerto Rico Quadrangles.
 1987. USFWS. National Wetland Inventory Maps.
 2010. Puerto Rico Planning Board. Aerial Photographs.

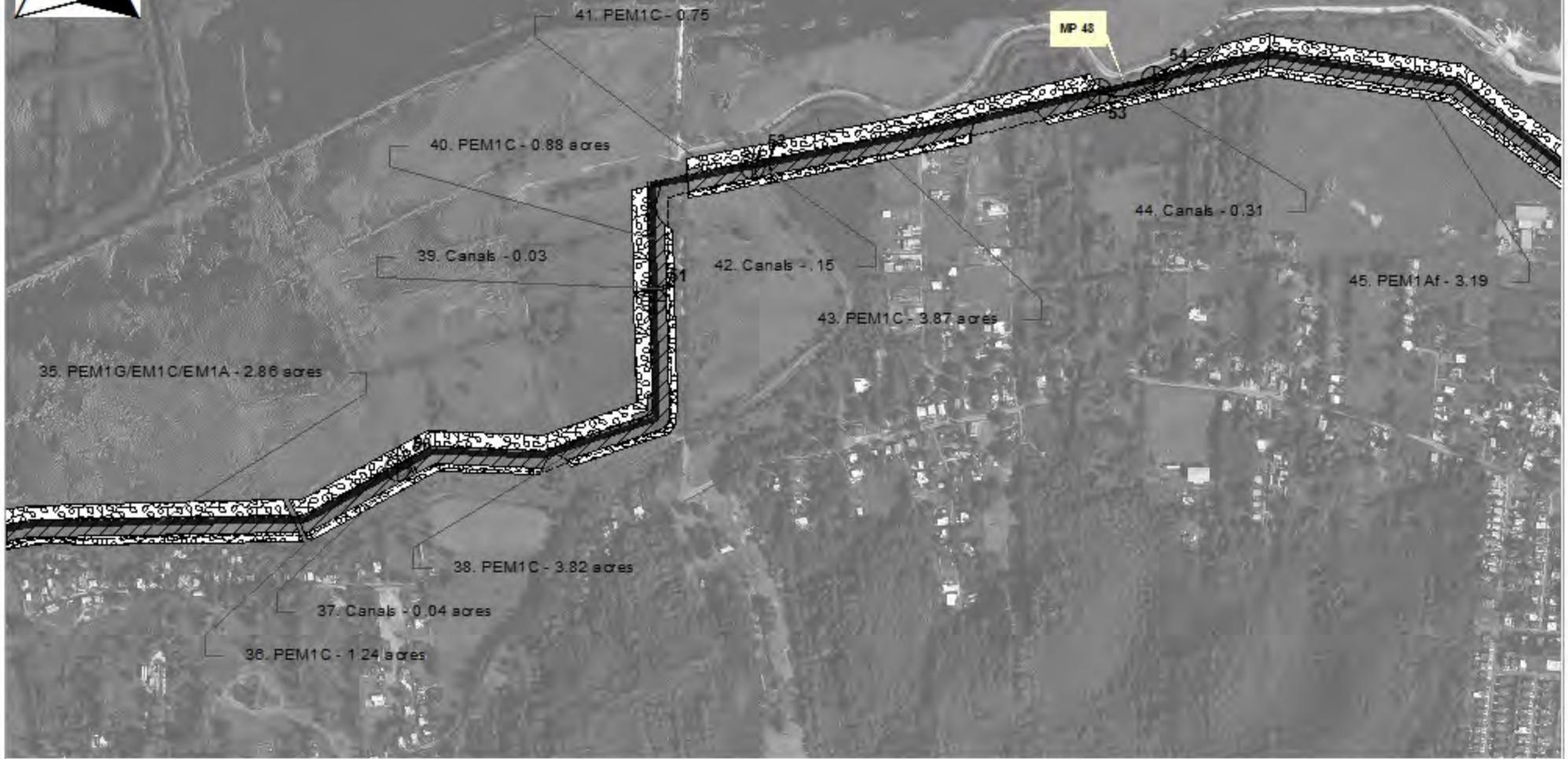
Legend

- 24" Pipe
- Workspace
- HDD Crossing
- Open Cut Crossing
- Drill Crossing

	Wetlands/ Waters No Fill	
Wetland Impacts Acres		
	Temporary Fill	14.13
	Permanent Fill	0.00
	Total	14.13



Sheet # 49



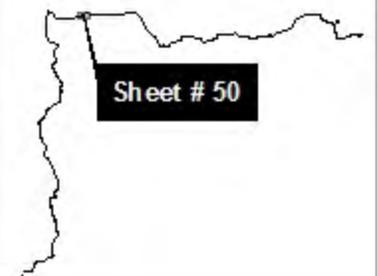
Waters of the United States
Impact Maps
Sheet # 50
 Via Verde Project
 (SAJ-2010-02881(IP-EWG))

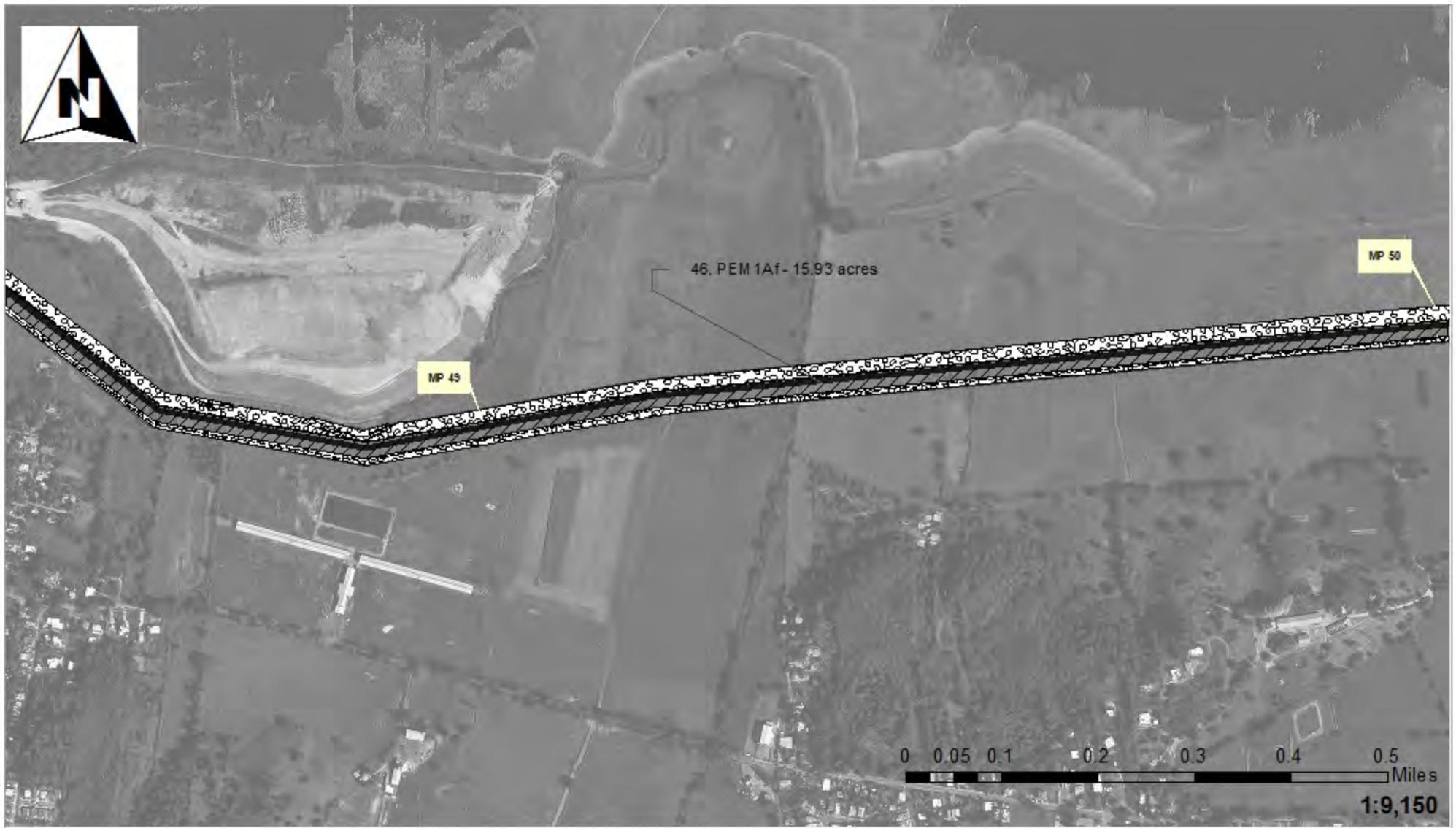
Source: 2011. Coll Rivera Environmental Via Verde JD.
 1957-82. USGS. Topographic Maps of the Puerto Rico Quadrangles.
 1987. USFWS. National Wetland Inventory Maps.
 2010. Puerto Rico Planning Board. Aerial Photographs.

Legend

- 24" Pipe
- Workspace
- HDD Crossing
- Open Cut Crossing
- Drill Crossing

	Wetlands/ Waters No Fill	
Wetland Impacts Acres		
	Temporary Fill	17.14
	Permanent Fill	0.00
	Total	17.14





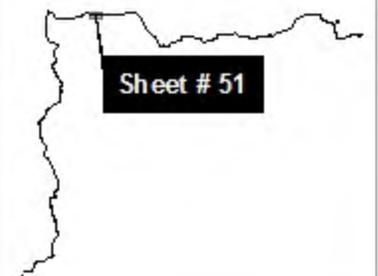
Waters of the United States
Impact Maps
Sheet # 51
 Via Verde Project
 (SAJ-2010-02881(IP-EWG))

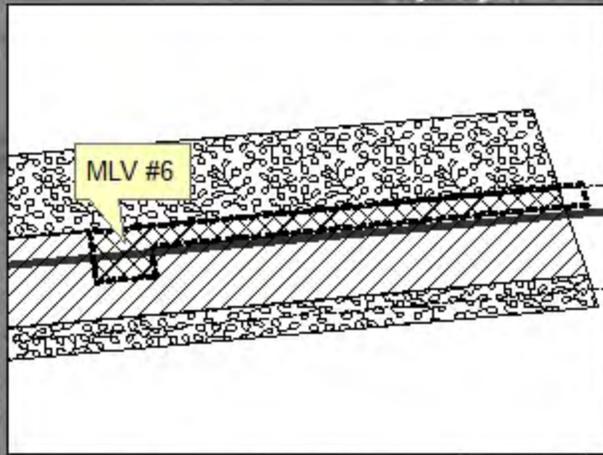
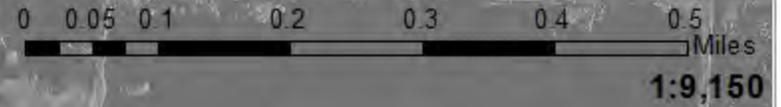
Source: 2011. Coll Rivera Environmental Via Verde JD.
 1957-82. USGS. Topographic Maps of the Puerto Rico Quadrangles.
 1987. USFWS. National Wetland Inventory Maps.
 2010. Puerto Rico Planning Board. Aerial Photographs.

Legend

- 24" Pipe
- Workspace
- HDD Crossing
- Open Cut Crossing
- Drill Crossing

	Wetlands/ Waters No Fill	
Wetland Impacts Acres		
	Temporary Fill	15.93
	Permanent Fill	0.00
	Total	15.93





Waters of the United States
Impact Maps
Sheet # 52
 Via Verde Project
 (SAJ-2010-02881(IP-EWG))

Source: 2011. Coll Rivera Environmental Via Verde JD.
 1957-82. USGS. Topographic Maps of the Puerto Rico Quadrangles.
 1987. USFWS. National Wetland Inventory Maps.
 2010. Puerto Rico Planning Board. Aerial Photographs.

Legend

- 24" Pipe
- Workspace
- HDD Crossing
- Open Cut Crossing
- Drill Crossing

	Wetlands/ Waters No Fill	
Wetland Impacts		
	Temporary Fill	14.30
	Permanent Fill	0.26
	Total	14.56



Sheet # 52



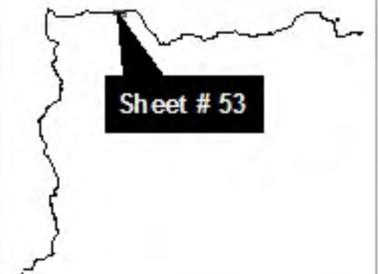
Waters of the United States
Impact Maps
Sheet # 53
 Via Verde Project
 (SAJ-2010-02881(IP-EWG))

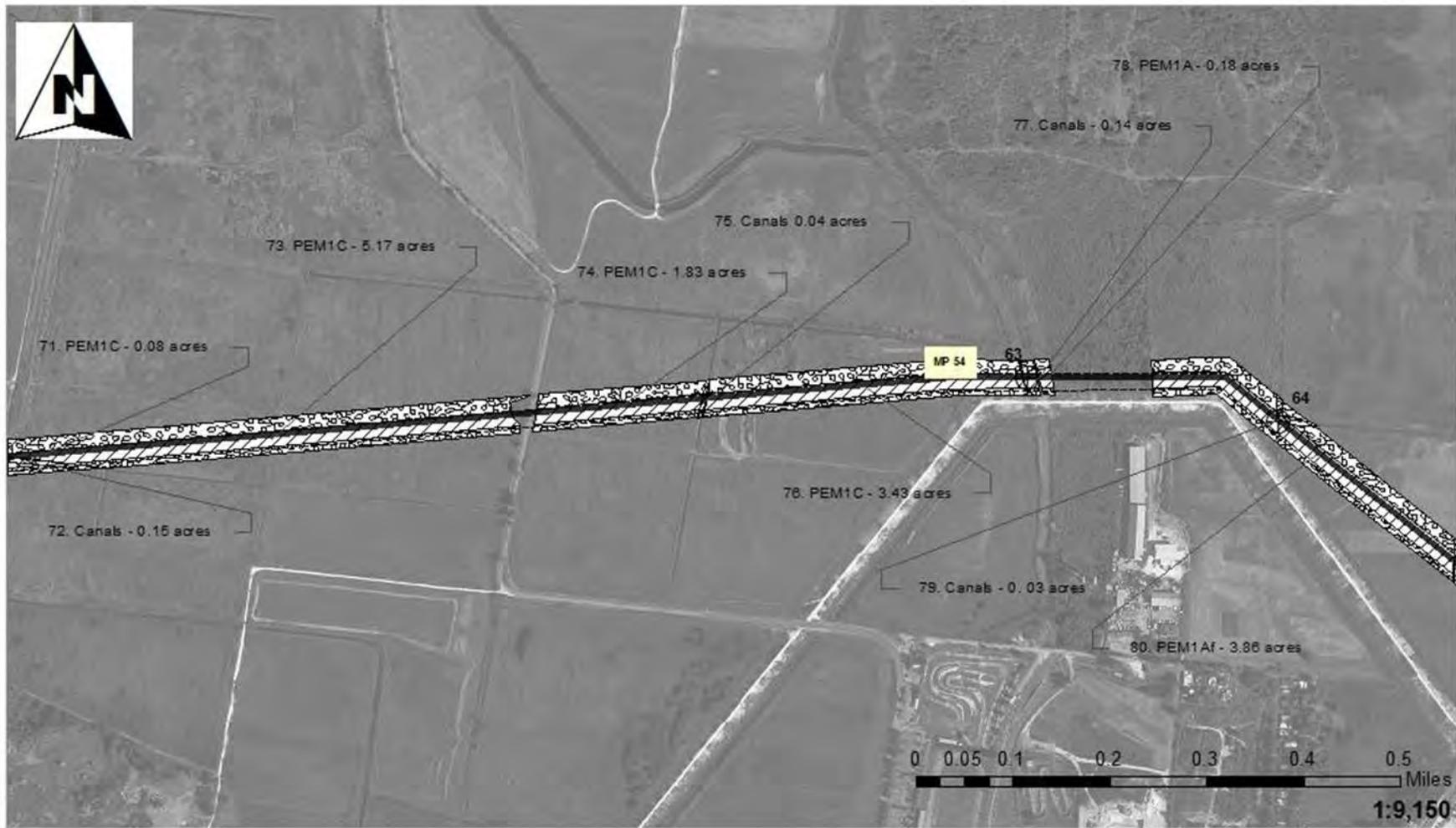
Source: 2011. Coll Rivera Environmental Via Verde JD.
 1957-82. USGS. Topographic Maps of the Puerto Rico Quadrangles.
 1987. USFWS. National Wetland Inventory Maps.
 2010. Puerto Rico Planning Board. Aerial Photographs.

Legend

- 24" Pipe
- Workspace
- HDD Crossing
- Open Cut Crossing
- Drill Crossing

Wetland Impacts		Acres
	Wetlands/ Waters No Fill	
	Temporary Fill	14.98
	Permanent Fill	0.00
	Total	14.98





Waters of the United States
Impact Maps
Sheet # 54
 Via Verde Project
 (SAJ-2010-02881(IP-EWG))

Source: 2011. Coll Rivera Environmental / Via Verde JD
 1957-82. USGS. Topographic Maps of the Puerto Rico Quadrangles.
 1987. USFWS. National Wetland Inventory Maps.
 2010. Puerto Rico Planning Board. Aerial Photographs.

Legend

- 24" Pipe
- - - Workspace
- ⊕ HDD Crossing
- ⊕ Open Cut Crossing
- ⊖ Drill Crossing

Wetland Impacts	Acres
Temporary Fill	14.91
Permanent Fill	
Total	14.91





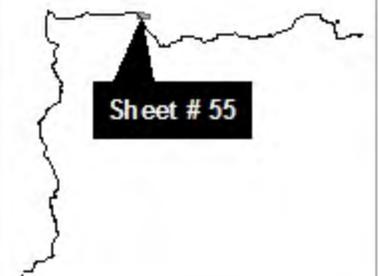
Waters of the United States
Impact Maps
Sheet # 55
 Via Verde Project
 (SAJ-2010-02881(IP-EWG))

Source: 2011. Coll Rivera Environmental Via Verde JD.
 1957-82. USGS. Topographic Maps of the Puerto Rico Quadrangles.
 1987. USFWS. National Wetland Inventory Maps.
 2010. Puerto Rico Planning Board. Aerial Photographs.

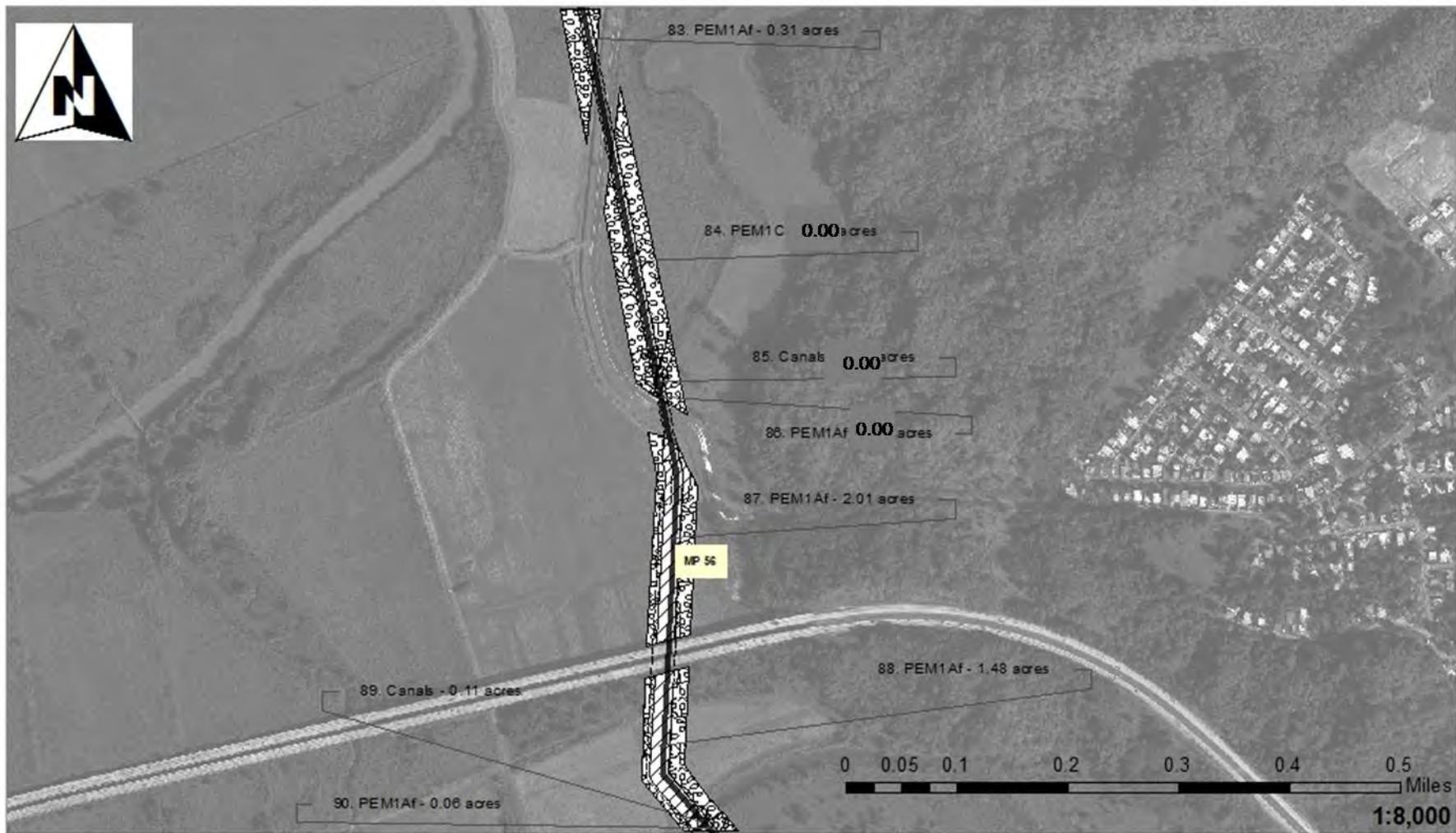
Legend

- 24" Pipe
- Workspace
- HDD Crossing
- Open Cut Crossing
- Drill Crossing

Wetland Impacts		Acres
	Wetlands/ Waters No Fill	
	Temporary Fill	6.94
	Permanent Fill	0.00
	Total	6.94



Sheet # 55



Waters of the United States

Impact Maps

Sheet # 56

Via Verde Project
(SAJ-2010-02881(IP-EWG))

Source: 2011. Coll Rivera Environmental I/Via Verde JD.
1957-82. USGS. Topographic Maps of the Puerto Rico Quadangles.
1987. USFWS. National Wetland Inventory Maps.
2010. Puerto Rico Planning Board. Aerial Photographs.

Legend

— 24" Pipe

- - - Workspace

⊕ HDD Crossing

⊕ Open Cut Crossing

⊖ Drill Crossing

 Wetlands/ Waters No Fill

Wetland Impacts Acres

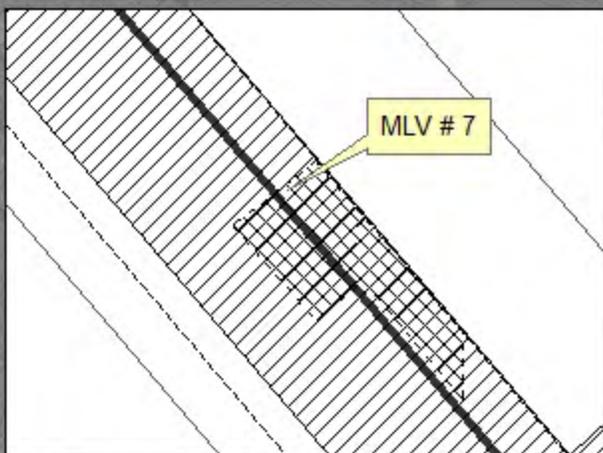
 Temporary Fill 3.98

 Permanent Fill 0.00

Total 3.98



Sheet # 56



0 0.05 0.1 0.2 0.3 0.4 0.5 Miles

1:8,000

91. PEM1Af - 4.18 acres

92. Canals 0.08 acres

93. PEM1Af - 1.14 acres

94. PEM1Af - 4.82 acres

MP 57

MLV # 7

Waters of the United States

Impact Maps

Sheet # 57

Via Verde Project
(SAJ-2010-02881(IP-EWG))

Legend

— 24" Pipe

⊞ Workspace

⊕ HDD Crossing

⊕ Open Cut Crossing

⊙ Drill Crossing

 Wetlands/ Waters No Fill

Wetland Impacts **Acres**

 Temporary Fill 9.86

 Permanent Fill 0.09

Total **9.95**

Sheet # 57

Source: 2011. Coll Rivera Environmental Via Verde JD.
1957-82. USGS. Topographic Maps of the Puerto Rico Quadrangles.
1987. USFWS. National Wetland Inventory Maps.
2010. Puerto Rico Planning Board. Aerial Photographs.



95. PEM1Af - 1.84 acres

97. PEM1Af - 0.28 acres

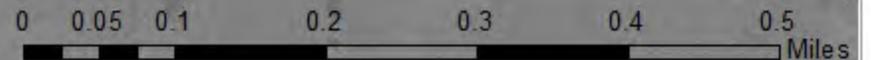
96. Canals - 0.18 acres

98. PEM1Af - 2.85 acres

99. PEM1Af - 4.63 acres

100. PEM1C - 1.95 acres

IMP 58



1:8,000

Waters of the United States
Impact Maps
Sheet # 58
 Via Verde Project
 (SAJ-2010-02881(IP-EWG))

Legend

- 24" Pipe
- Workspace
- HDD Crossing
- Open Cut Crossing
- Drill Crossing

Wetlands/ Waters No Fill

Wetland Impacts	Acres
Temporary Fill	11.73
Permanent Fill	0.00
Total	11.73



Sheet # 58

Source: 2011. Coll Rivera Environmental Via Verde JD.
 1957-82. USGS. Topographic Maps of the Puerto Rico Quadrangles.
 1987. USFWS. National Wetland Inventory Maps.
 2010. Puerto Rico Planning Board. Aerial Photographs.



Waters of the United States
Impact Maps
Sheet # 59
 Via Verde Project
 (SAJ-2010-02881(IP-EWG))

Source: 2011. Coll Rivera Environmental Via Verde JD.
 1957-82. USGS. Topographic Maps of the Puerto Rico Quadrangles.
 1987. USFWS. National Wetland Inventory Maps.
 2010. Puerto Rico Planning Board. Aerial Photographs.

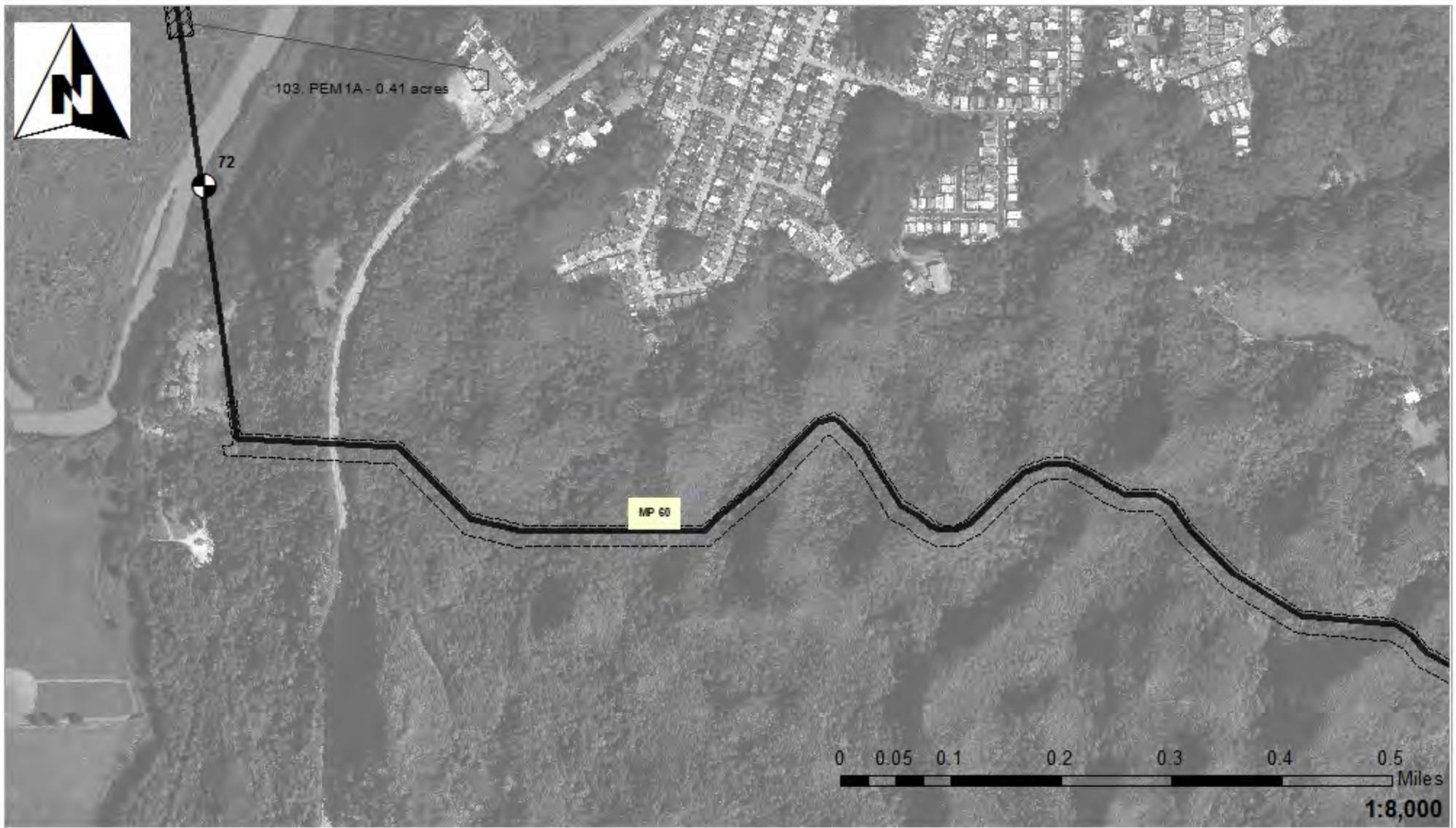
Legend

- 24" Pipe
- ⊞ Workspace
- ⊙ HDD Crossing
- ⊕ Open Cut Crossing
- ⊙ Drill Crossing

Wetland Impacts		Acres
	Wetlands/ Waters No Fill	
	Temporary Fill	7.81
	Permanent Fill	0.00
	Total	7.81



Sheet # 59



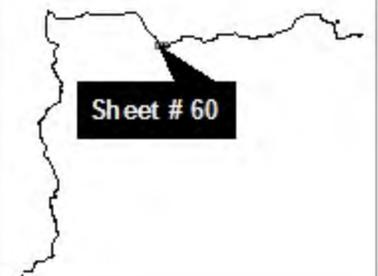
Waters of the United States
Impact Maps
Sheet # 60
 Via Verde Project
 (SAJ-2010-02881(IP-EWG))

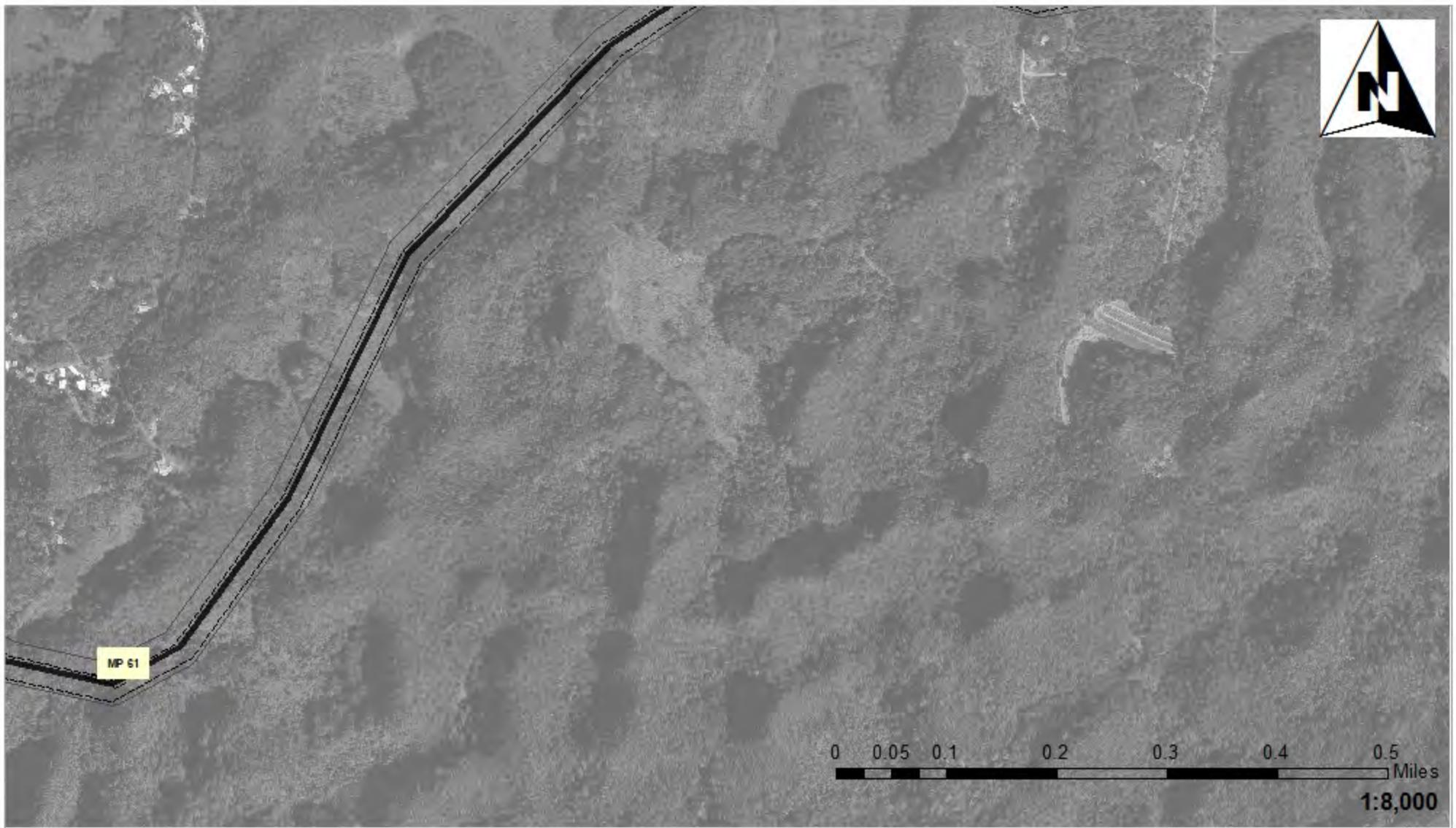
Source: 2011. Coll Rivera Environmental Via Verde JD.
 1957-82. USGS. Topographic Maps of the Puerto Rico Quadrangles.
 1987. USFWS. National Wetland Inventory Maps.
 2010. Puerto Rico Planning Board. Aerial Photographs.

Legend

- 24" Pipe
- Workspace
- HDD Crossing
- Open Cut Crossing
- Drill Crossing

	Wetlands/ Waters No Fill	
Wetland Impacts		
		Acres
	Temporary Fill	0.41
	Permanent Fill	0.00
	Total	0.41





Waters of the United States
Impact Maps
Sheet # 61
 Via Verde Project
 (SAJ-2010-02881(IP-EWG))

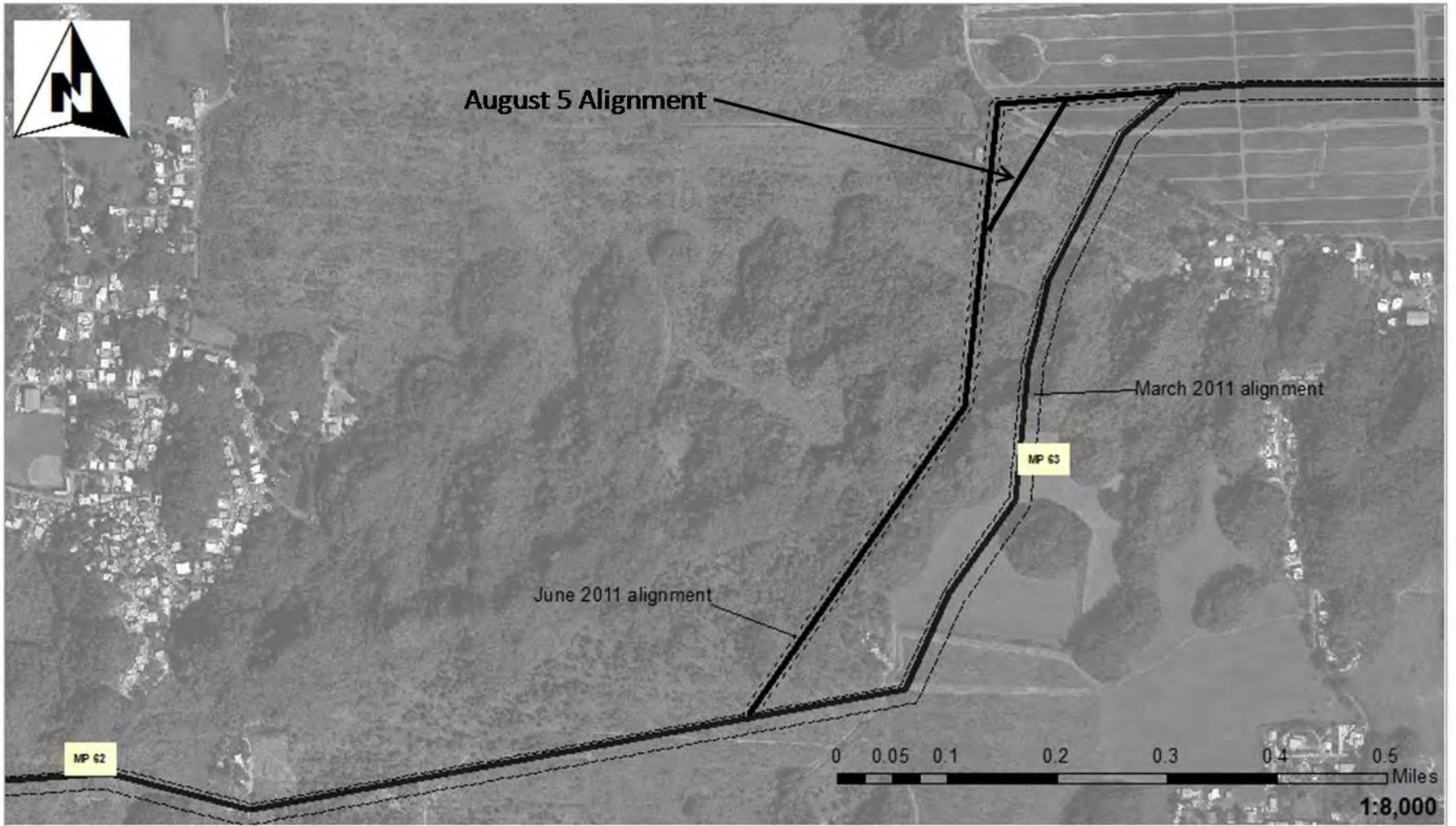
Source: 2011. Coll Rivera Environmental Via Verde JD.
 1957-82. USGS. Topographic Maps of the Puerto Rico Quadrangles.
 1987. USFWS. National Wetland Inventory Maps.
 2010. Puerto Rico Planning Board. Aerial Photographs.

Legend

- 24" Pipe
- Workspace
- HDD Crossing
- Open Cut Crossing
- Drill Crossing

	Wetlands/ Waters No Fill	
Wetland Impacts		
	Temporary Fill	0.00
	Permanent Fill	0.00
	Total	0.00





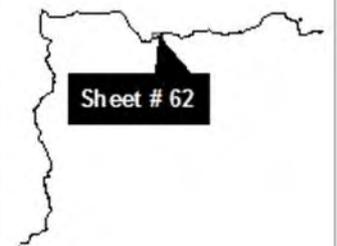
Waters of the United States
Impact Maps
Sheet # 62
 Via Verde Project
 (SAJ-2010-02881(IP-EWG))

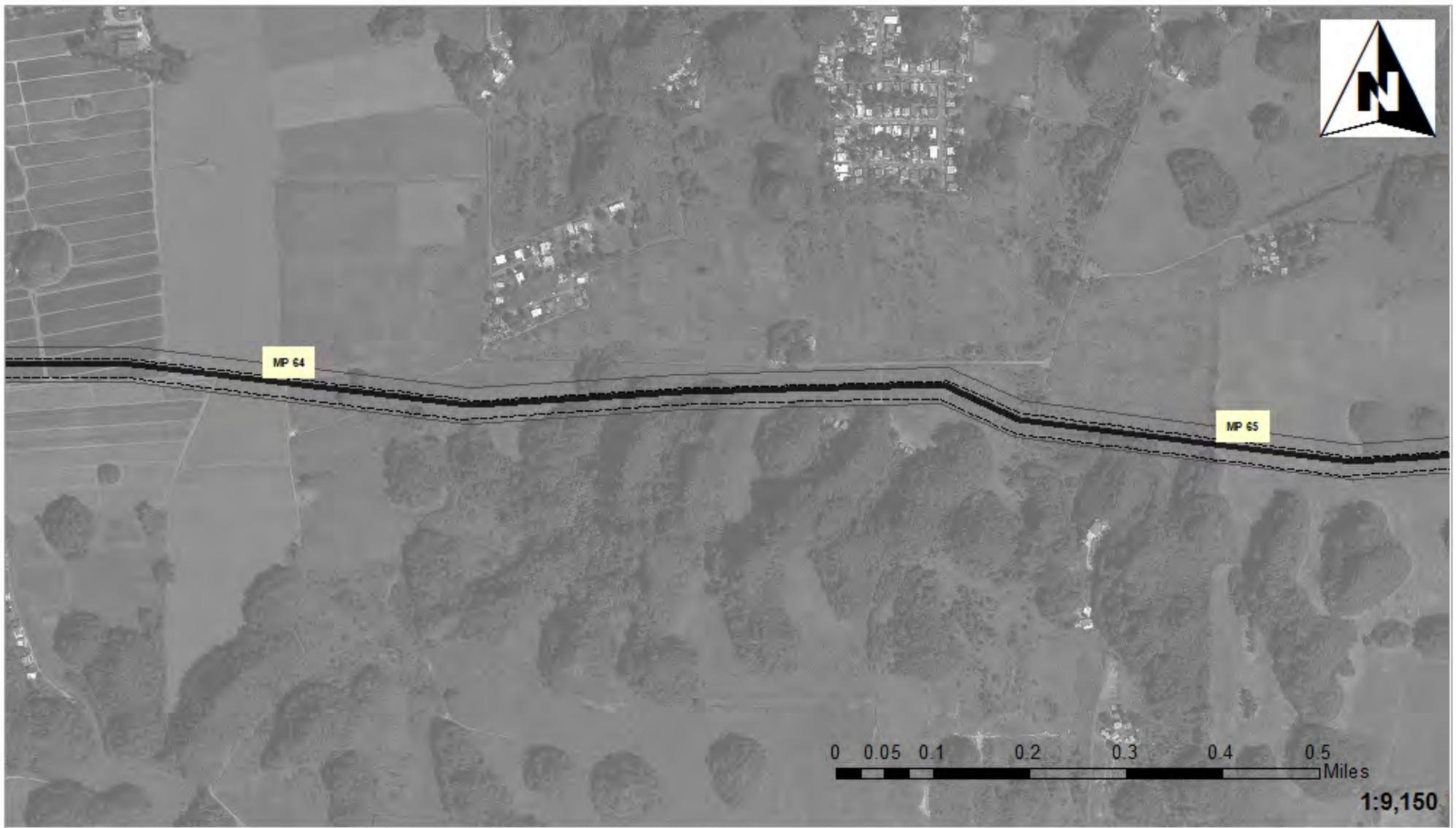
Source: 2011. Coll Rivera Environmental I/Via Verde JD.
 1957-82. USGS. Topographic Maps of the Puerto Rico Quadangles.
 1987. USFWS. National Wetland Inventory Maps.
 2010. Puerto Rico Planning Board. Aerial Photographs.

Legend

- 24" Pipe
- - - Workspace
- ⊕ HDD Crossing
- ⊕ Open Cut Crossing
- ⊙ Drill Crossing

Wetland Impacts		Acres
	Wetlands/ Waters No Fill	
	Temporary Fill	0.00
	Permanent Fill	0.00
	Total	0.00





Waters of the United States
Impact Maps
Sheet # 63
 Via Verde Project
 (SAJ-2010-02881(IP-EWG))

Source: 2011. Coll Rivera Environmental Via Verde JD.
 1957-82. USGS. Topographic Maps of the Puerto Rico Quadrangles.
 1987. USFWS. National Wetland Inventory Maps.
 2010. Puerto Rico Planning Board. Aerial Photographs.

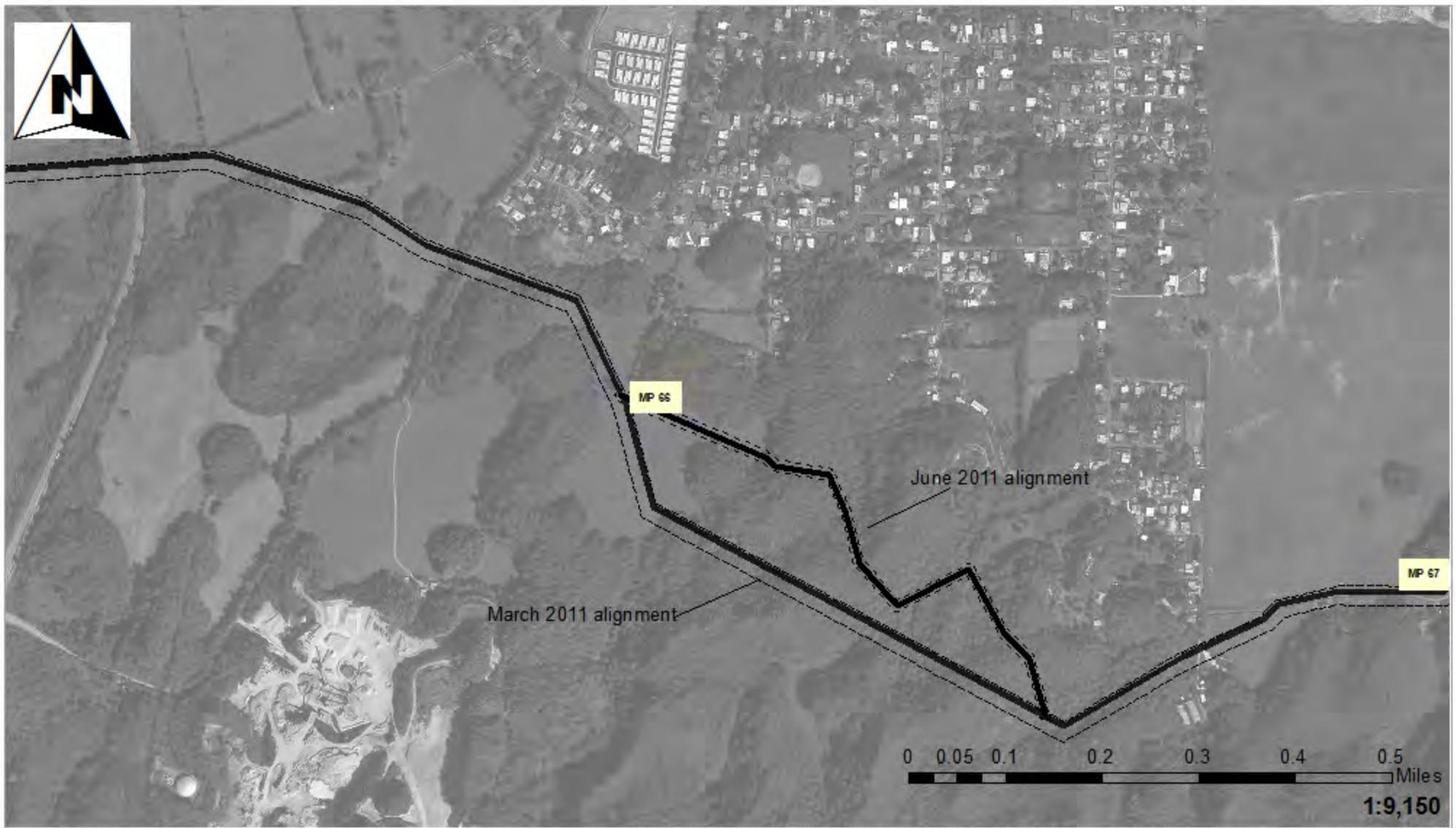
Legend

- 24" Pipe
- Workspace
- HDD Crossing
- Open Cut Crossing
- Drill Crossing

	Wetlands/ Waters No Fill	
Wetland Impacts Acres		
	Temporary Fill	0.00
	Permanent Fill	0.00
	Total	0.00



Sheet # 63



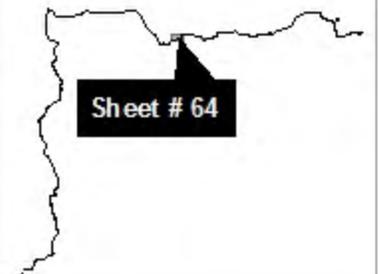
Waters of the United States
Impact Maps
Sheet # 64
 Via Verde Project
 (SAJ-2010-02881(IP-EWG))

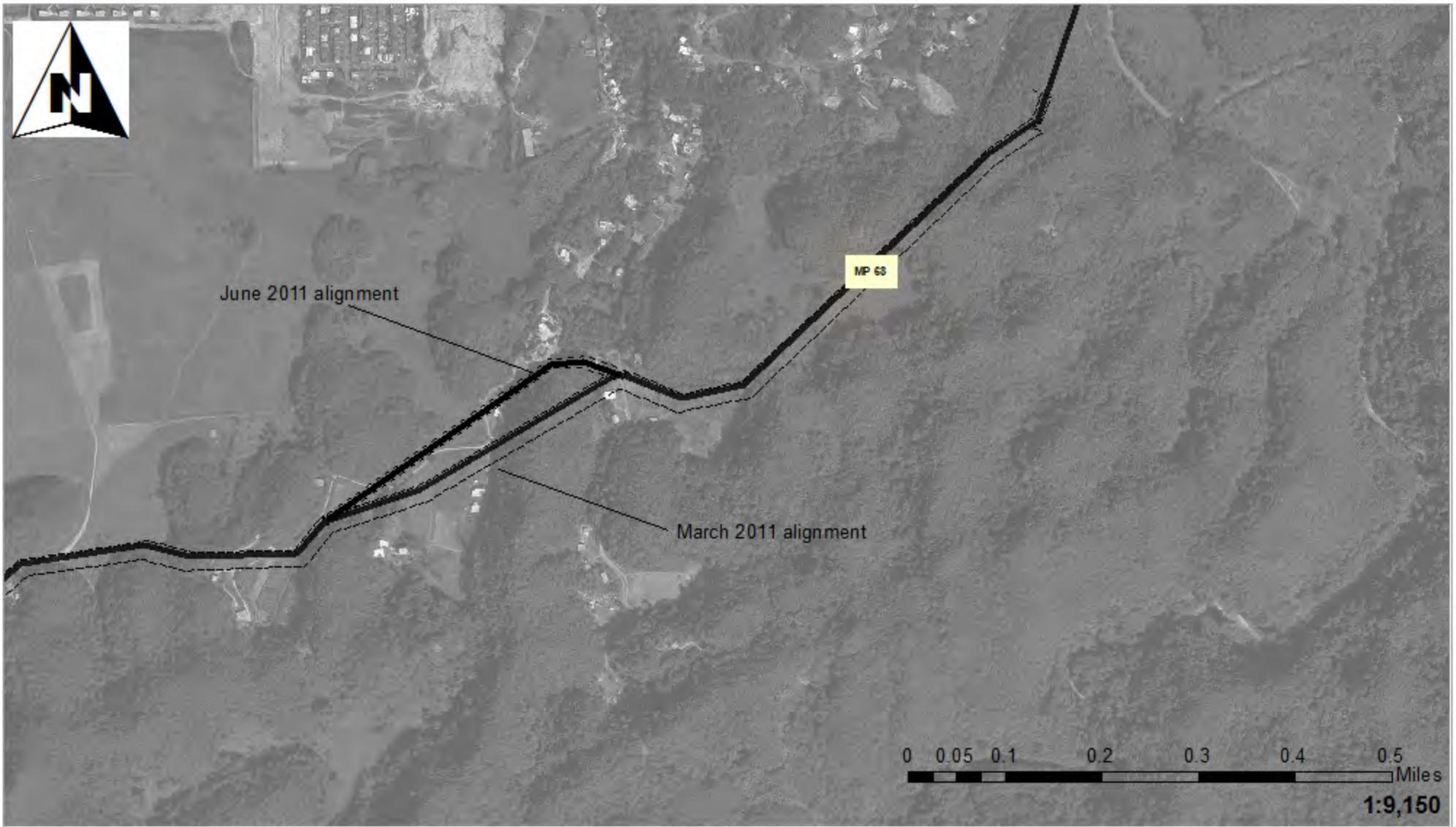
Source: 2011. Coll Rivera Environmental Via Verde JD.
 1957-82. USGS. Topographic Maps of the Puerto Rico Quadrangles.
 1987. USFWS. National Wetland Inventory Maps.
 2010. Puerto Rico Planning Board. Aerial Photographs.

Legend

- 24" Pipe
- Workspace
- HDD Crossing
- Open Cut Crossing
- Drill Crossing

Wetland Impacts		Acres
	Wetlands/ Waters No Fill	
	Temporary Fill	0.00
	Permanent Fill	0.00
	Total	0.00





Waters of the United States
Impact Maps
Sheet # 65
 Via Verde Project
 (SAJ-2010-02881(IP-EWG))

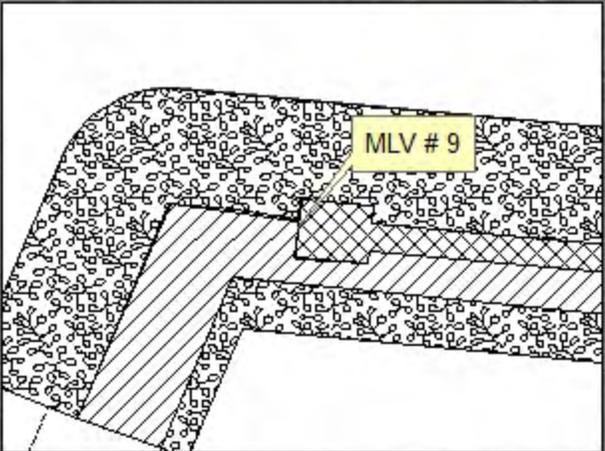
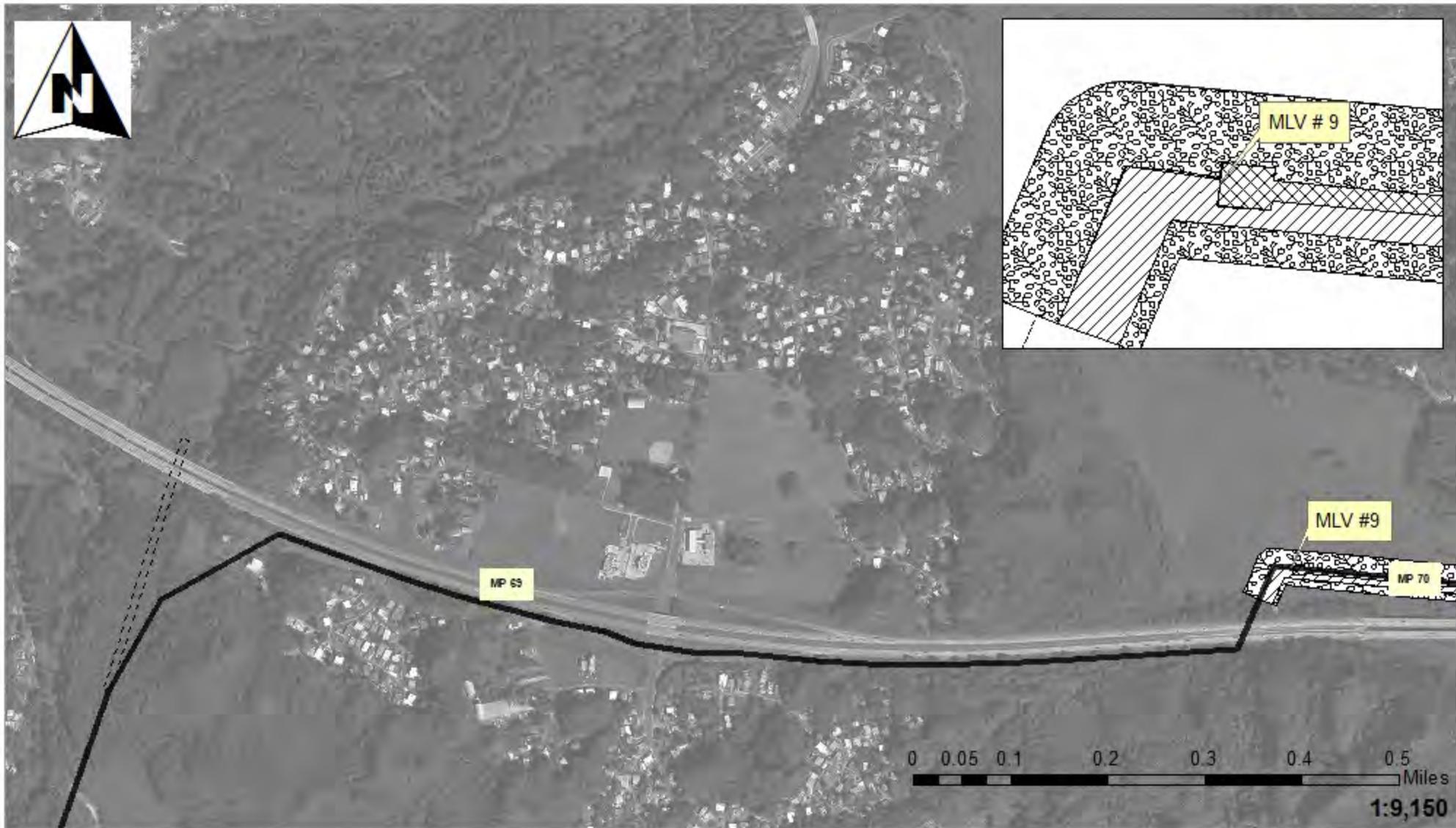
Source: 2011. Coll Rivera Environmental Via Verde JD.
 1957-82. USGS. Topographic Maps of the Puerto Rico Quadrangles.
 1987. USFWS. National Wetland Inventory Maps.
 2010. Puerto Rico Planning Board. Aerial Photographs.

Legend

- 24" Pipe
- Workspace
- HDD Crossing
- Open Cut Crossing
- Drill Crossing

	Wetlands/ Waters No Fill	
Wetland Impacts		
	Temporary Fill	Acres
	Permanent Fill	0.00
	Total	0.00





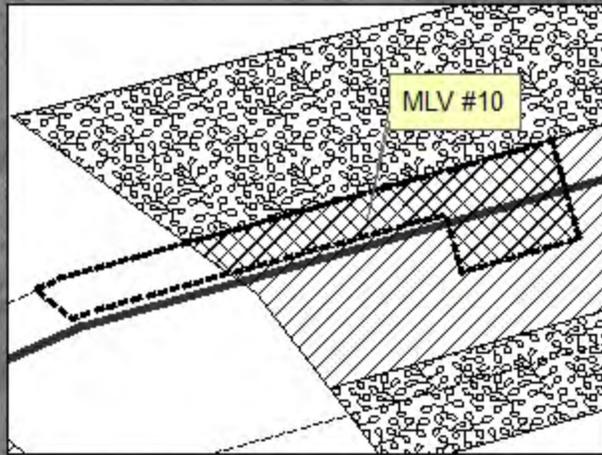
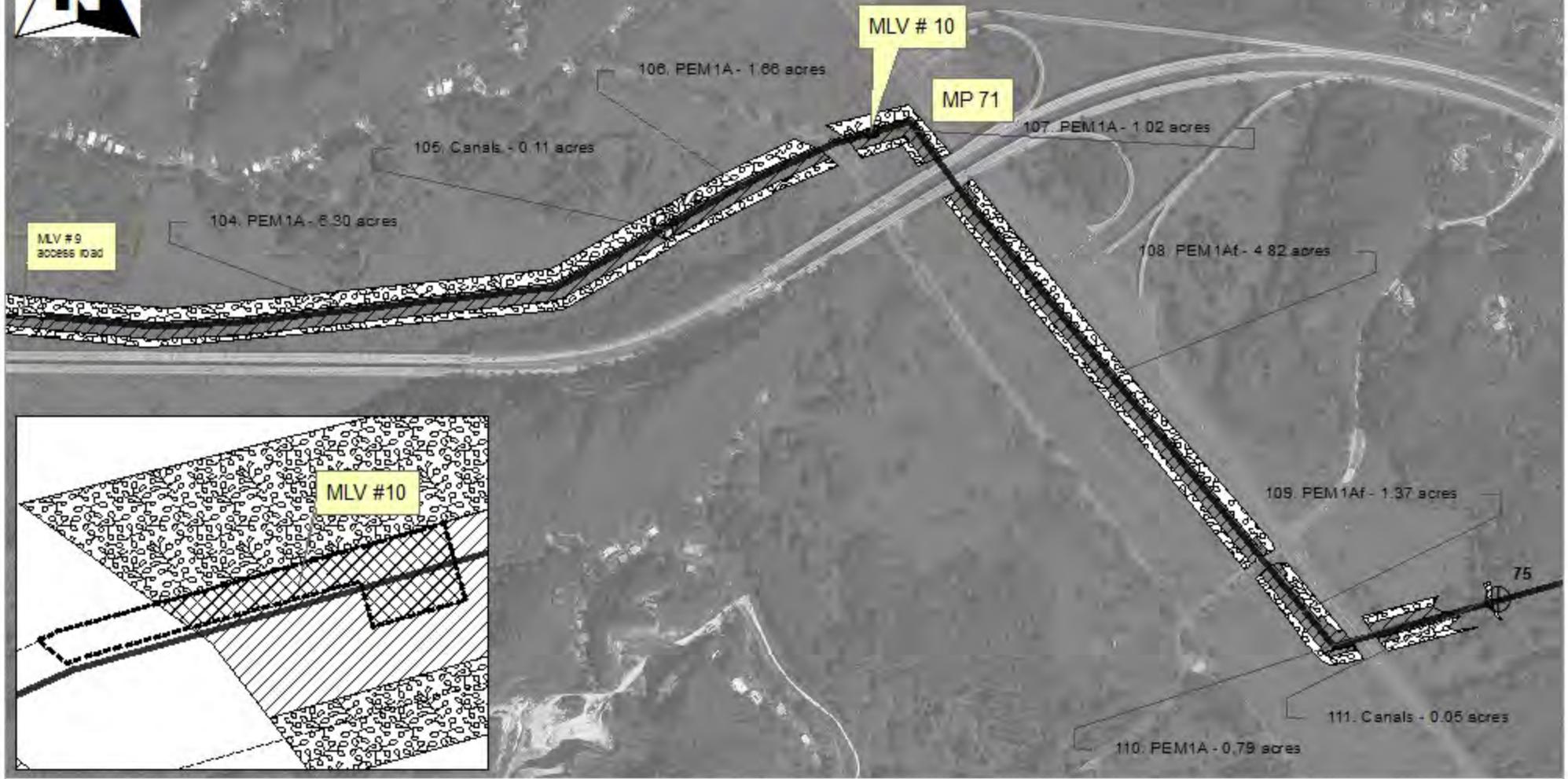
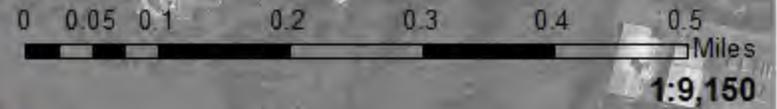
Waters of the United States
Impact Maps
Sheet # 66
 Via Verde Project
 (SAJ-2010-02881(IP-EWG))

Source: 2011. Coll Rivera Environmental Via Verde JD.
 1957-82. USGS. Topographic Maps of the Puerto Rico Quadrangles.
 1987. USFWS. National Wetland Inventory Maps.
 2010. Puerto Rico Planning Board. Aerial Photographs.

Legend

24" Pipe	Wetlands/ Waters No Fill
Workspace	Wetland Impacts Acres
HDD Crossing	Temporary Fill 1.36
Open Cut Crossing	Permanent Fill 0.55
Drill Crossing	Total 1.91





Waters of the United States
Impact Maps
Sheet # 67
 Via Verde Project
 (SAJ-2010-02881(IP-EWG))

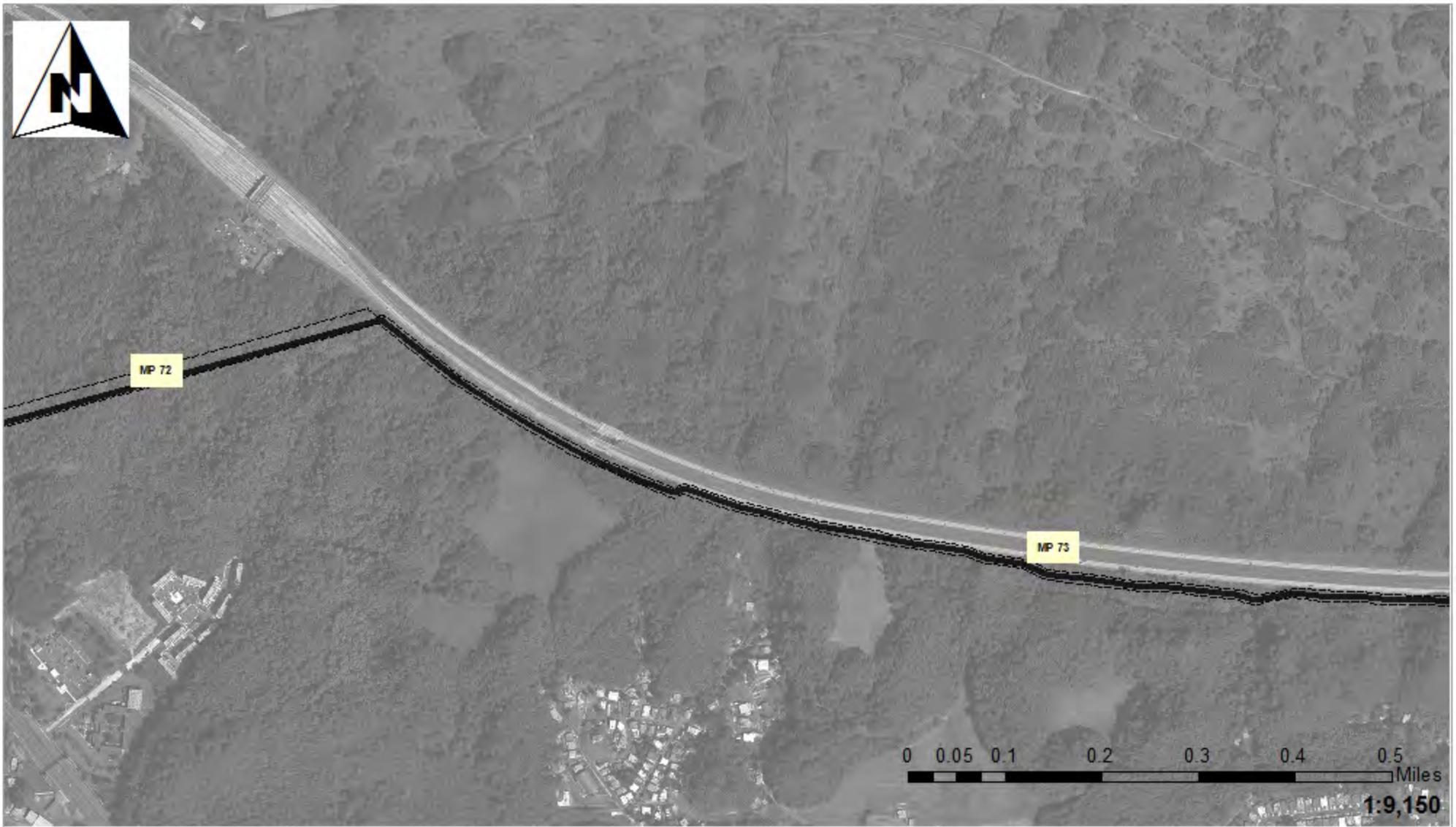
Source: 2011. Coll Rivera Environmental Via Verde JD.
 1957-82. USGS. Topographic Maps of the Puerto Rico Quadrangles.
 1987. USFWS. National Wetland Inventory Maps.
 2010. Puerto Rico Planning Board. Aerial Photographs.

Legend

- 24" Pipe
- Workspace
- HDD Crossing
- Open Cut Crossing
- Drill Crossing

	Wetlands/ Waters No Fill	
Wetland Impacts Acres		
	Temporary Fill	16.01
	Permanent Fill	0.25
	Total	16.26





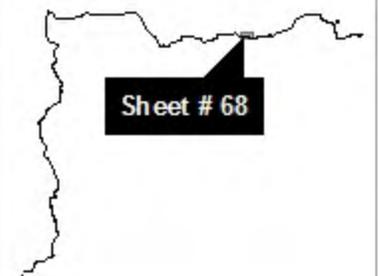
Waters of the United States
Impact Maps
Sheet # 68
 Via Verde Project
 (SAJ-2010-02881(IP-EWG))

Source: 2011. Coll Rivera Environmental Via Verde JD.
 1957-82. USGS. Topographic Maps of the Puerto Rico Quadrangles.
 1987. USFWS. National Wetland Inventory Maps.
 2010. Puerto Rico Planning Board. Aerial Photographs.

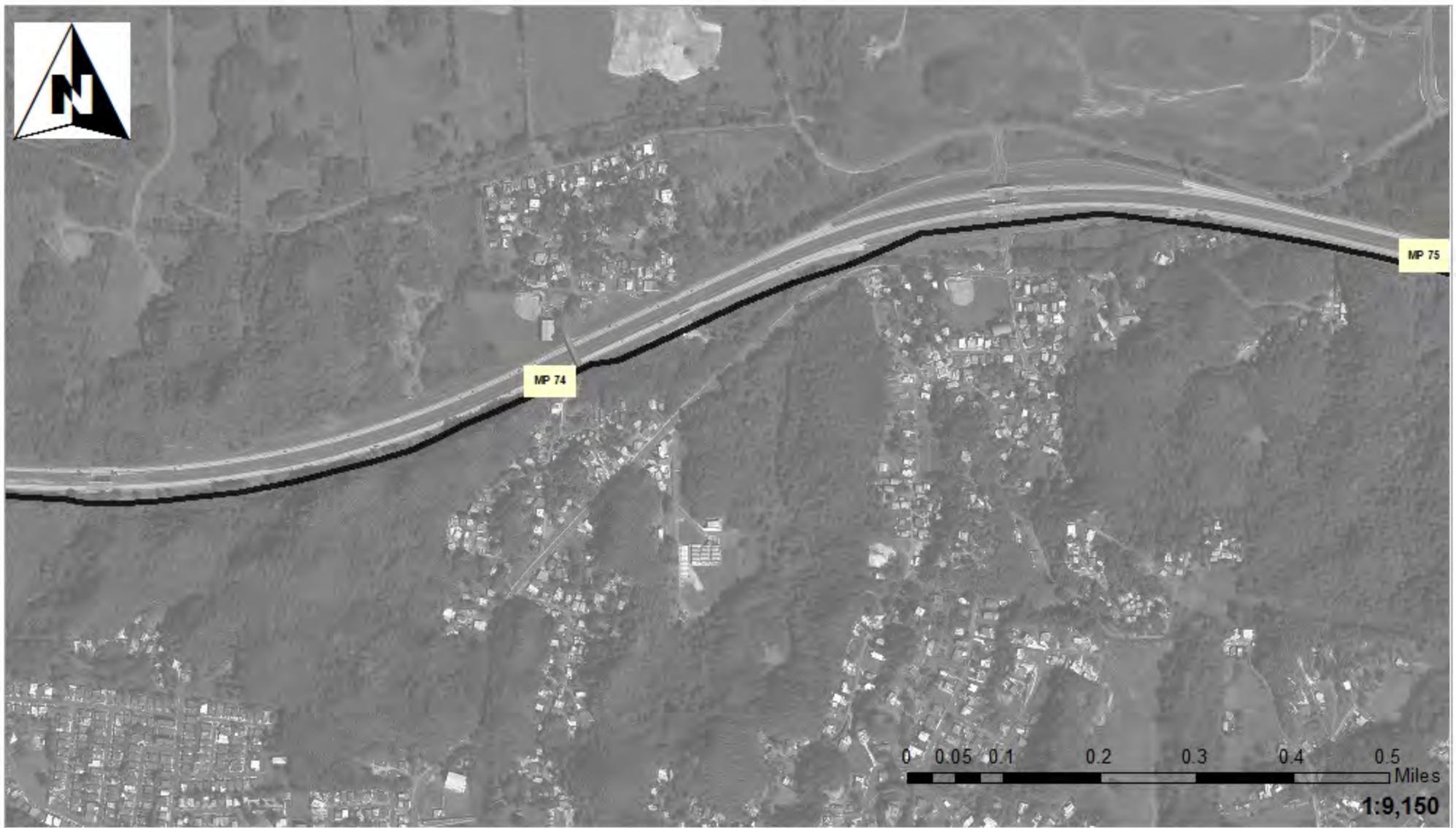
Legend

- 24" Pipe
- Workspace
- HDD Crossing
- Open Cut Crossing
- Drill Crossing

	Wetlands/ Waters No Fill	
Wetland Impacts		
	Temporary Fill	0.00
	Permanent Fill	0.00
	Total	0.00



Sheet # 68



Waters of the United States
Impact Maps
Sheet # 69
 Via Verde Project
 (SAJ-2010-02881(IP-EWG))

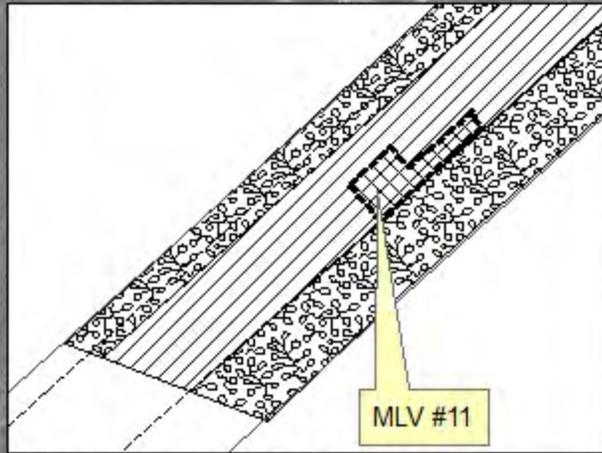
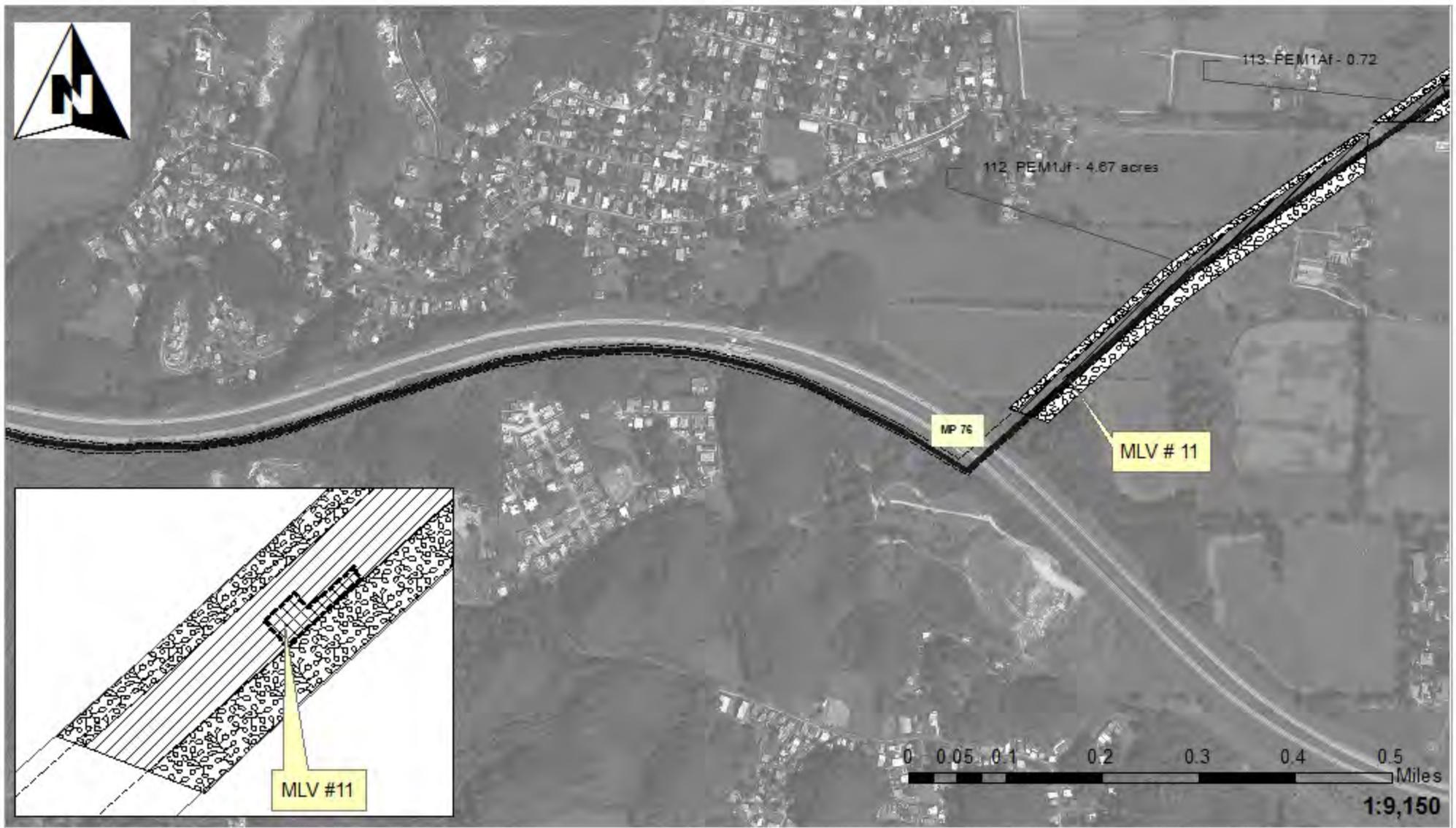
Source: 2011. Coll Rivera Environmental Via Verde JD.
 1957-82. USGS. Topographic Maps of the Puerto Rico Quadrangles.
 1987. USFWS. National Wetland Inventory Maps.
 2010. Puerto Rico Planning Board. Aerial Photographs.

Legend

-  24" Pipe
-  Workspace
-  HDD Crossing
-  Open Cut Crossing
-  Drill Crossing

	Wetlands/ Waters No Fill	
Wetland Impacts		
	Temporary Fill	Acres
	Permanent Fill	
	Total	0.00





Waters of the United States
Impact Maps
Sheet # 70
 Via Verde Project
 (SAJ-2010-02881(IP-EWG))

Source: 2011. Coll Rivera Environmental Via Verde JD.
 1957-82. USGS. Topographic Maps of the Puerto Rico Quadrangles.
 1987. USFWS. National Wetland Inventory Maps.
 2010. Puerto Rico Planning Board. Aerial Photographs.

Legend

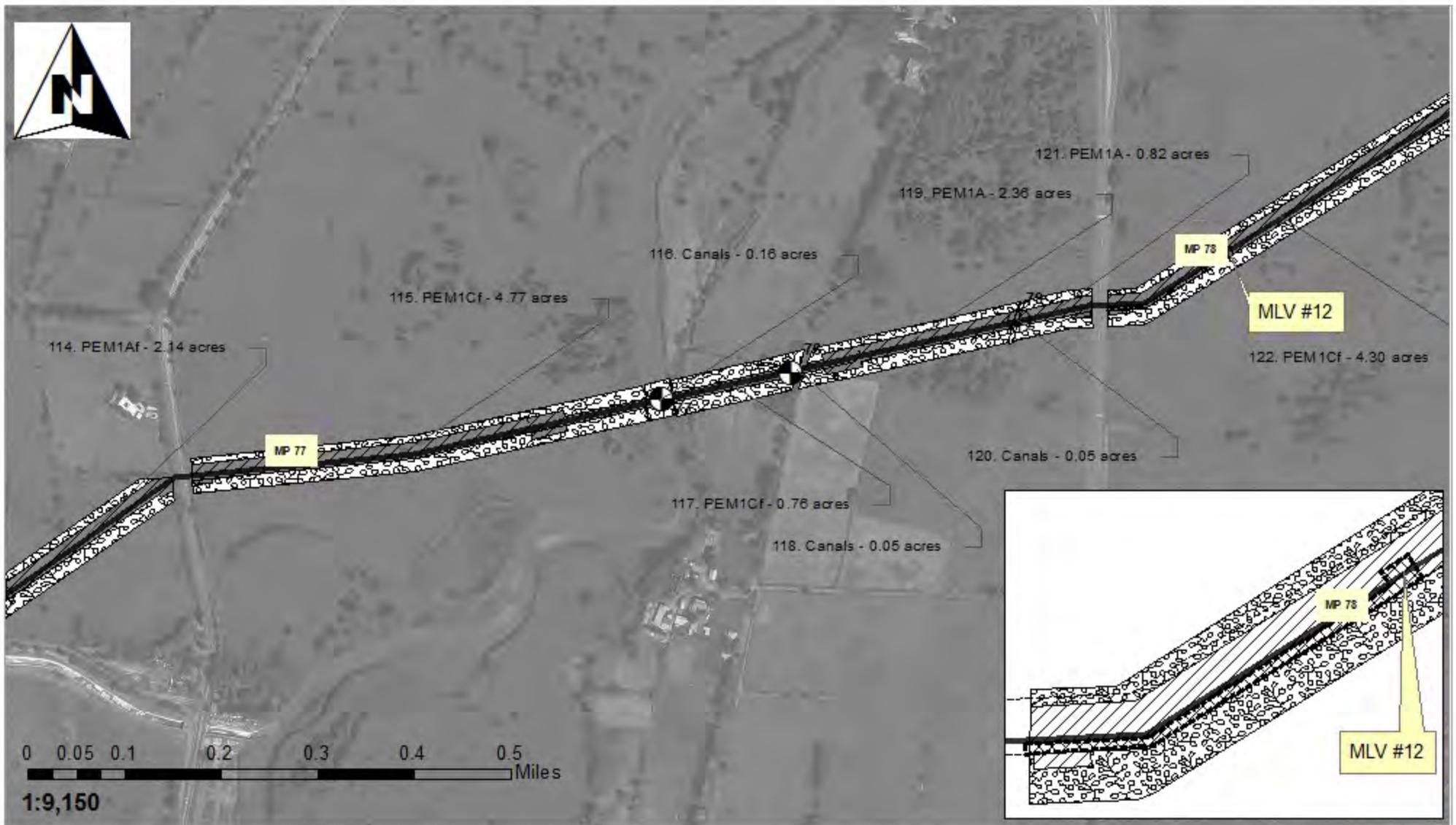
- 24" Pipe
- Workspace
- HDD Crossing
- Open Cut Crossing
- Drill Crossing

Wetlands/ Waters No Fill

Wetland Impacts		Acres
	Temporary Fill	5.19
	Permanent Fill	0.10
	Total	5.29



Sheet # 70



Waters of the United States
Impact Maps
Sheet # 71
 Via Verde Project
 (SAJ-2010-02881(IP-EWG))

Source: 2011. Coll Rivera Environmental Via Verde JD.
 1957-82. USGS. Topographic Maps of the Puerto Rico Quadrangles.
 1987. USFWS. National Wetland Inventory Maps.
 2010. Puerto Rico Planning Board. Aerial Photographs.

Legend

- 24" Pipe
- Workspace
- HDD Crossing
- Open Cut Crossing
- Drill Crossing

Wetland Impacts		Acres
	Wetlands/ Waters No Fill	
	Temporary Fill	15.06
	Permanent Fill	0.38
	Total	15.45





Waters of the United States
Impact Maps
Sheet # 72
 Via Verde Project
 (SAJ-2010-02881(IP-EWG))

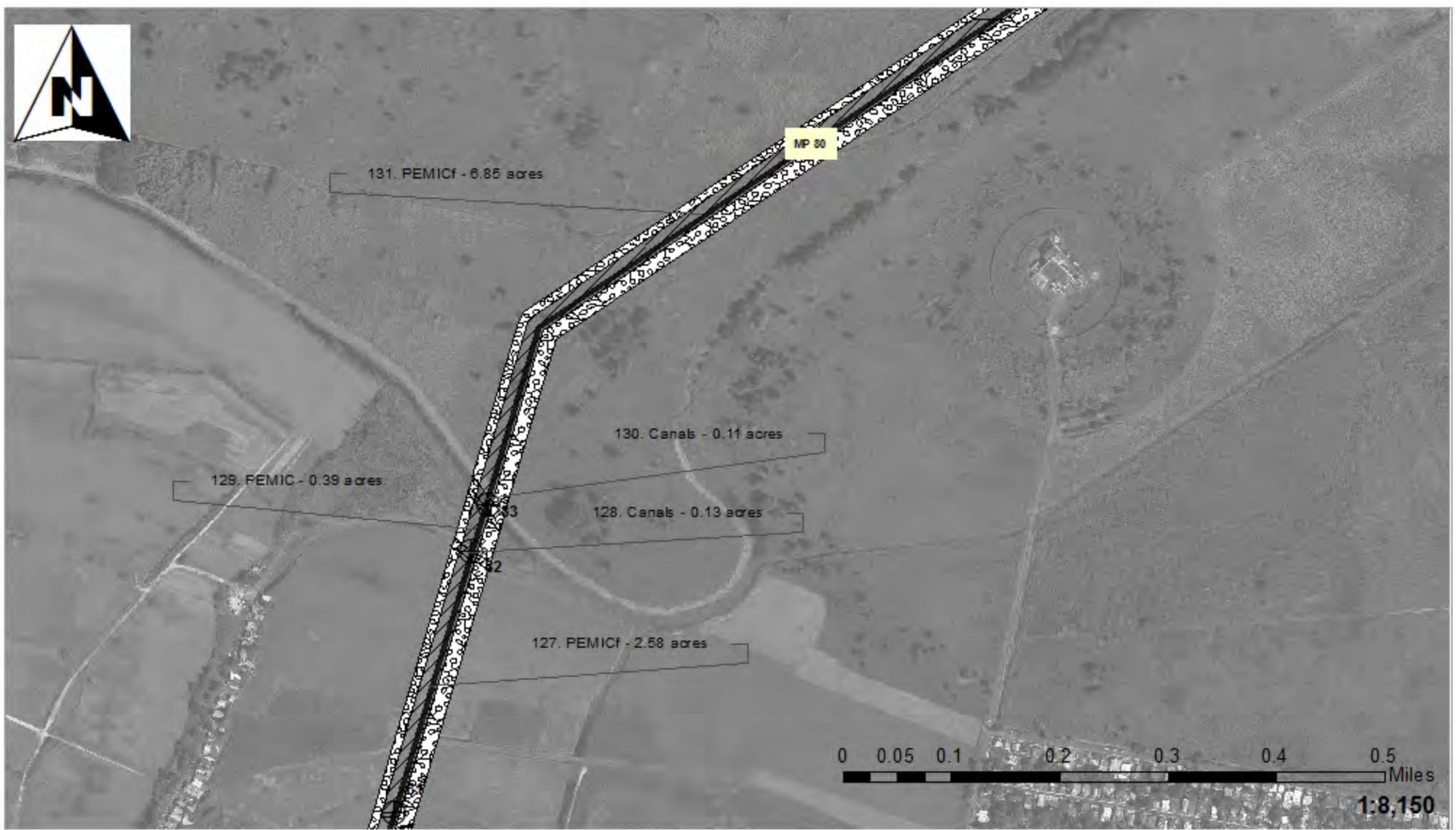
Source: 2011. Coll Rivera Environmental Via Verde JD.
 1957-82. USGS. Topographic Maps of the Puerto Rico Quadrangles.
 1987. USFWS. National Wetland Inventory Maps.
 2010. Puerto Rico Planning Board. Aerial Photographs.

Legend

- 24" Pipe
- Workspace
- HDD Crossing
- Open Cut Crossing
- Drill Crossing

	Wetlands/ Waters No Fill	
Wetland Impacts Acres		
	Temporary Fill	9.38
	Permanent Fill	0.00
	Total	9.38





Waters of the United States
Impact Maps
Sheet # 73
Via Verde Project
(SAJ-2010-02881(IP-EWG))

Source: 2011. Coll Rivera Environmental Via Verde JD.
1957-82. USGS. Topographic Maps of the Puerto Rico Quadrangles.
1987. USFWS. National Wetland Inventory Maps.
2010. Puerto Rico Planning Board. Aerial Photographs.

Legend

- 24" Pipe
- Workspace
- HDD Crossing
- Open Cut Crossing
- Drill Crossing

	Wetlands/ Waters No Fill
Wetland Impacts	
	Temporary Fill 10.06
	Permanent Fill 0.00
	Total 10.06





Waters of the United States
Impact Maps
Sheet # 74
 Via Verde Project
 (SAJ-2010-02881(IP-EWG))

Source: 2011. Coll Rivera Environmental Via Verde JD.
 1957-82. USGS. Topographic Maps of the Puerto Rico Quadrangles.
 1987. USFWS. National Wetland Inventory Maps.
 2010. Puerto Rico Planning Board. Aerial Photographs.

Legend

- 24" Pipe
- Workspace
- HDD Crossing
- Open Cut Crossing
- Drill Crossing

	Wetlands/ Waters No Fill	
Wetland Impacts Acres		
	Temporary Fill	11.69
	Permanent Fill	0.00
	Total	11.69





Waters of the United States
Impact Maps
Sheet # 75
 Via Verde Project
 (SAJ-2010-02881(IP-EWG))

Source: 2011. Coll Rivera Environmental Via Verde JD.
 1957-82. USGS. Topographic Maps of the Puerto Rico Quadrangles.
 1987. USFWS. National Wetland Inventory Maps.
 2010. Puerto Rico Planning Board. Aerial Photographs.

Legend

- 24" Pipe
- Workspace
- HDD Crossing
- Open Cut Crossing
- Drill Crossing

	Wetlands/ Waters No Fill	
Wetland Impacts		
		Acres
	Temporary Fill	0.00
	Permanent Fill	0.00
	Total	0.00





Waters of the United States
Impact Maps
Sheet # 76
Via Verde Project
(SAJ-2010-02881(IP-EWG))

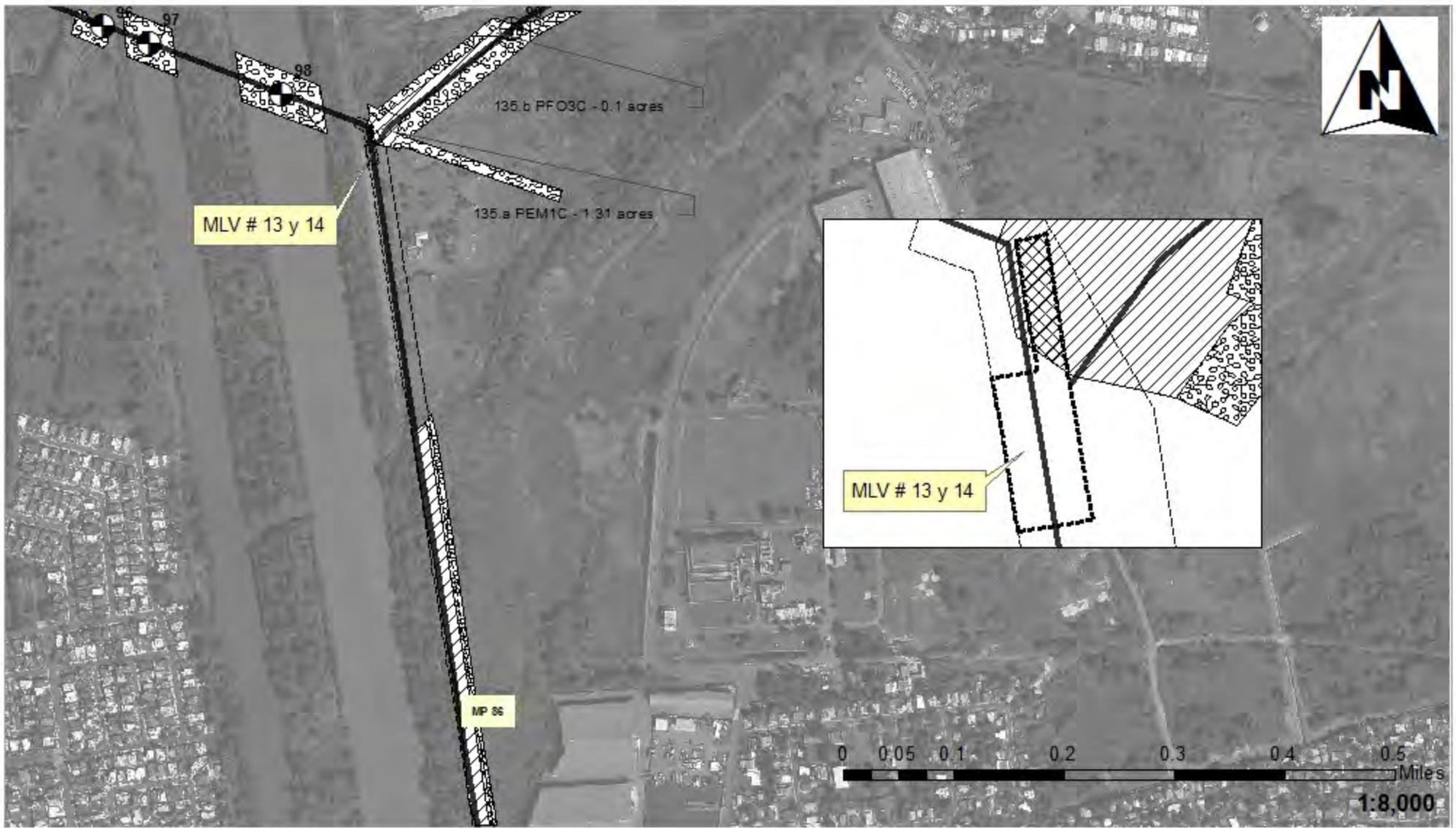
Source: 2011. Coll Rivera Environmental Via Verde JD.
1957-82. USGS. Topographic Maps of the Puerto Rico Quadrangles.
1987. USFWS. National Wetland Inventory Maps.
2010. Puerto Rico Planning Board. Aerial Photographs.

Legend

-  24" Pipe
-  Workspace
-  HDD Crossing
-  Open Cut Crossing
-  Drill Crossing

	Wetlands/ Waters No Fill	
Wetland Impacts		Acres
	Temporary Fill	0.00
	Permanent Fill	0.00
	Total	0.00





Waters of the United States
Impact Maps
Sheet # 77
 Via Verde Project
 (SAJ-2010-02881(IP-EWG))

Source: 2011. Coll Rivera Environmental Via Verde JD.
 1957-82. USGS. Topographic Maps of the Puerto Rico Quadrangles.
 1987. USFWS. National Wetland Inventory Maps.
 2010. Puerto Rico Planning Board. Aerial Photographs.

Legend

- 24" Pipe
- Workspace
- HDD Crossing
- Open Cut Crossing
- Drill Crossing

	Wetlands/ Waters No Fill	
Wetland Impacts		
	Temporary Fill	4.35
	Permanent Fill	0.04
	Total	4.39



Sheet # 77



Waters of the United States
Impact Maps
Sheet # 78
 Via Verde Project
 (SAJ-2010-02881(IP-EWG))

Source: 2011. Coll Rivera Environmental Via Verde JD.
 1957-82. USGS. Topographic Maps of the Puerto Rico Quadrangles.
 1987. USFWS. National Wetland Inventory Maps.
 2010. Puerto Rico Planning Board. Aerial Photographs.

Legend

— 24" Pipe	 Wetland No Fill	
- - - Workspace	Wetland Impacts	Acres
⊕ HDD Crossing	 Temporary Fill	4.5
⊕ Open Cut Crossing	 Permanent Fill	0.00
● Drill Crossing	Total	4.5





Waters of the United States
Impact Maps
Sheet # 79
 Via Verde Project
 (SAJ-2010-02881(IP-EWG))

Source: 2011. Coll Rivera Environmental Via Verde JD.
 1957-82. USGS. Topographic Maps of the Puerto Rico Quadrangles.
 1987. USFWS. National Wetland Inventory Maps.
 2010. Puerto Rico Planning Board. Aerial Photographs.

Legend

- 24" Pipe
- Workspace
- HDD Crossing
- Open Cut Crossing
- Drill Crossing

	Wetlands/ Waters No Fill	
Wetland Impacts		
		Acres
	Temporary Fill	6.06
	Permanent Fill	0.00
	Total	6.06



Sheet # 79



138. PEM1F - 1.31 acres

MP 87

Bayamon Future Connection

139. PEM1F - 0.99 acres

140. PEM1C - 6.27 acres

MP 88

0 0.05 0.1 0.2 0.3 0.4 0.5 Miles

1:9,150

Waters of the United States

Impact Maps

Sheet # 80

Via Verde Project
(SAJ-2010-02881(IP-EWG))

Source: 2011. Coll Rivera Environmental Via Verde JD.
1957-82. USGS. Topographic Maps of the Puerto Rico Quadrangles.
1987. USFWS. National Wetland Inventory Maps.
2010. Puerto Rico Planning Board. Aerial Photographs.

Legend

— 24" Pipe

⬜ Workspace

⊕ HDD Crossing

⊕ Open Cut Crossing

⊙ Drill Crossing

 Wetlands/ Waters No Fill

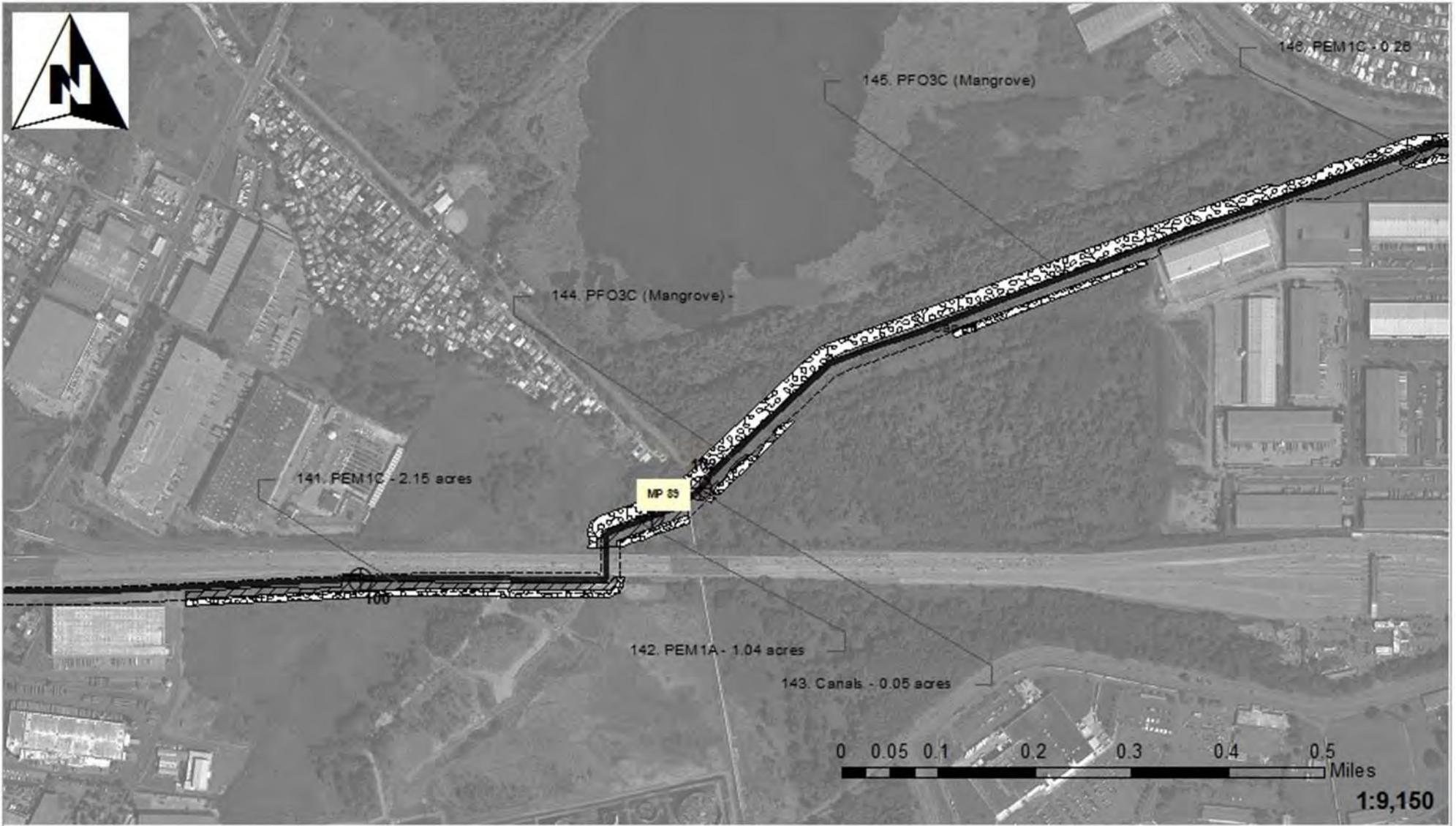
Wetland Impacts Acres

 Temporary Fill 7.51

 Permanent Fill 0.00

Total 7.51

Sheet # 80



Waters of the United States
Impact Maps
Sheet # 81
 Via Verde Project
 (SAJ-2010-02881(IP-EWG))

Source: 2011. Coll Rivera Environmental I/Va Verde JD.
 1957-82. USGS. Topographic Maps of the Puerto Rico Quadrangles.
 1987. USFWS. National Wetland Inventory Maps.
 2010. Puerto Rico Planning Board. Aerial Photographs.

Legend

- 24" Pipe
- Workspace
- HDD Crossing
- Open Cut Crossing
- Drill Crossing

	Wetlands/ Waters No Fill	
Wetland Impacts Acres		
	Temporary Fill	3.51
	Permanent Fill	0.00
	Total	3.51



Sheet # 81



Waters of the United States
Impact Maps
Sheet # 82
 Via Verde Project
 (SAJ-2010-02881(IP-EWG))

Source: 2011. Coll Rivera Environmental Via Verde JD.
 1957-82. USGS. Topographic Maps of the Puerto Rico Quadrangles.
 1987. USFWS. National Wetland Inventory Maps.
 2010. Puerto Rico Planning Board. Aerial Photographs.

Legend

- 24" Pipe
- Workspace
- HDD Crossing
- Open Cut Crossing
- Drill Crossing

Wetland Impacts		Acres
	Wetlands/ Waters No Fill	
	Temporary Fill	1.14
	Permanent Fill	0.00
	Total	1.14



Sheet # 82