
Appendix A: Inventory of Drainage Infrastructure



- NOTES:
- Background 2020 aerial imagery collected by Kucera International. Imagery is managed by Adam DeMars, South Carolina State GIS Coordinator and hosted by ESRI.
 - Pipe materials are labeled as follows:

RCP for reinforced concrete pipe

ERCP for elliptical reinforced concrete pipe

HDPE for high density polyethylene pipe

Cast Iron for cast iron pipe

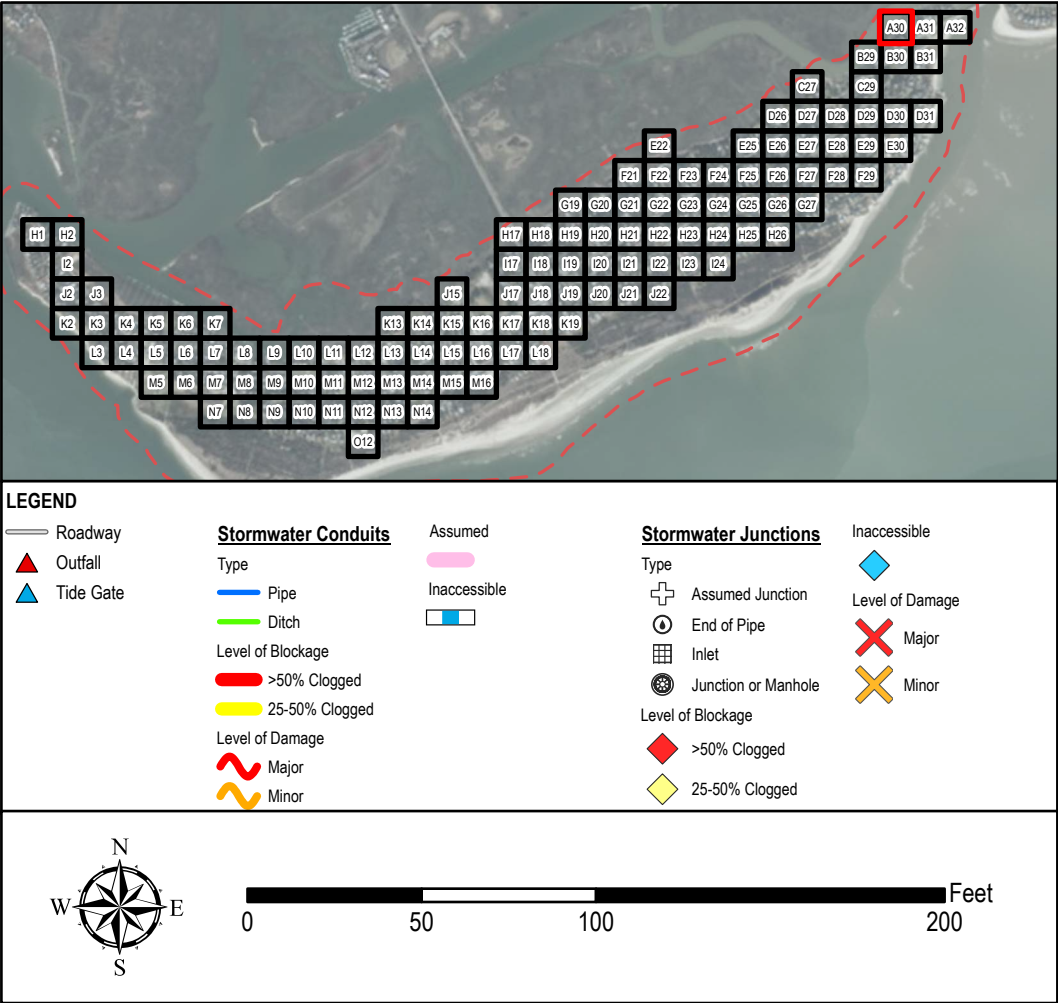
Unk for unknown material

Metal for metal pipe

VCP for vitrified clay pipe

DIP for ductile iron pipe

PVC for polyvinyl chloride pipe
 - Some pipe labels feature an added suffix **(C)** for CORRUGATED, **(S)** for SMOOTH, or **(PD)** for PIPE DIRECTION.
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<p align="center">Town of Sullivan's Island, SC Island-Wide Stormwater Master Plan and Infrastructure Improvement Strategy</p>		
<p align="center">Inventory of Drainage Infrastructure</p>		
<p align="center">Appendix A</p>	<p align="center">Sector A31</p>	<p align="center">Page 2 of 119</p>

Inventory of Drainage Infrastructure

Appendix A

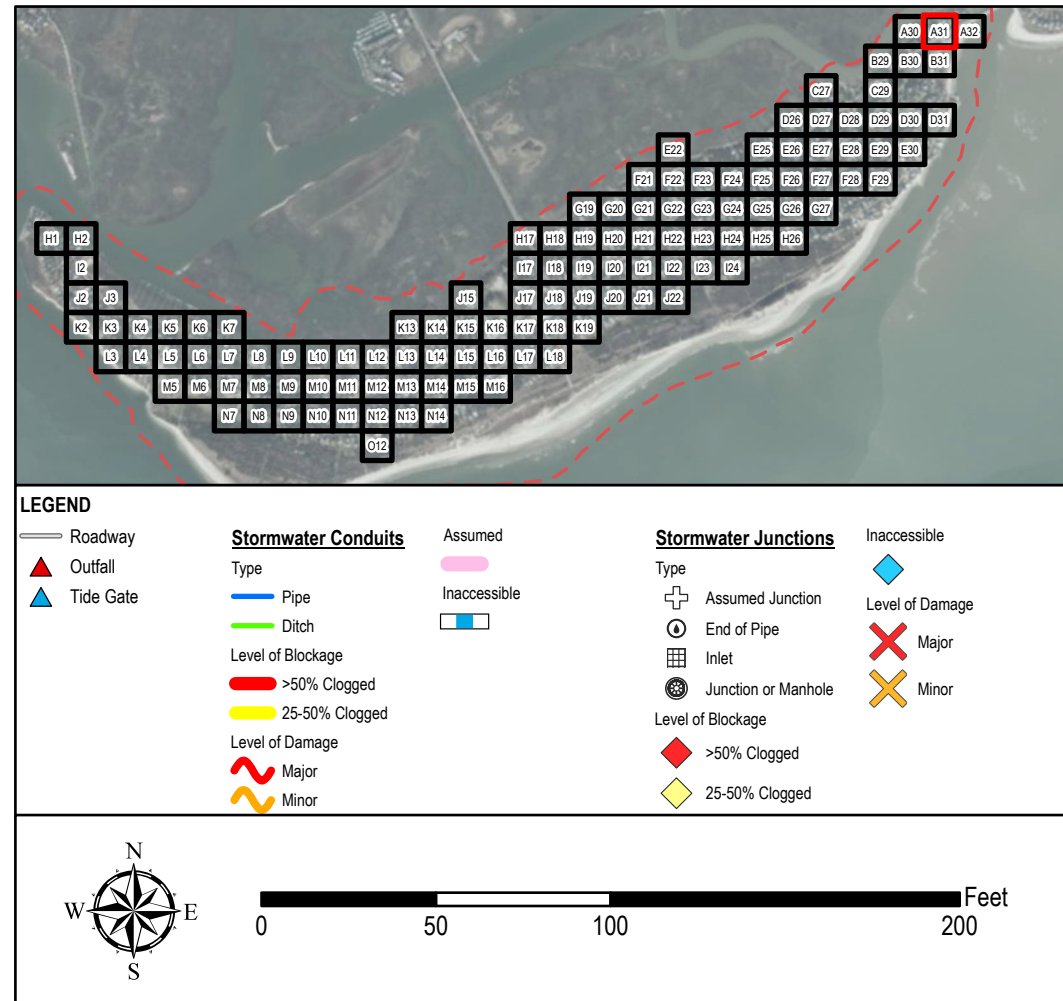
Sector A31

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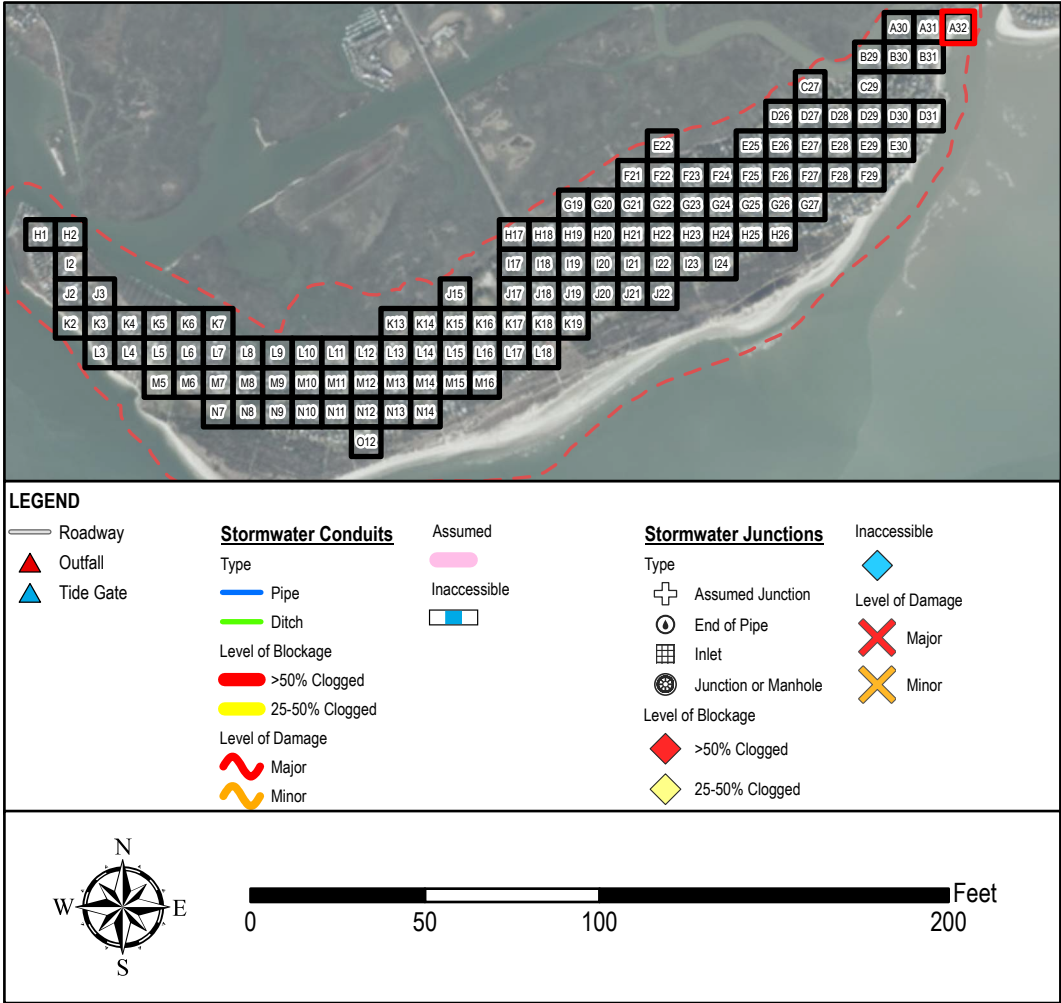
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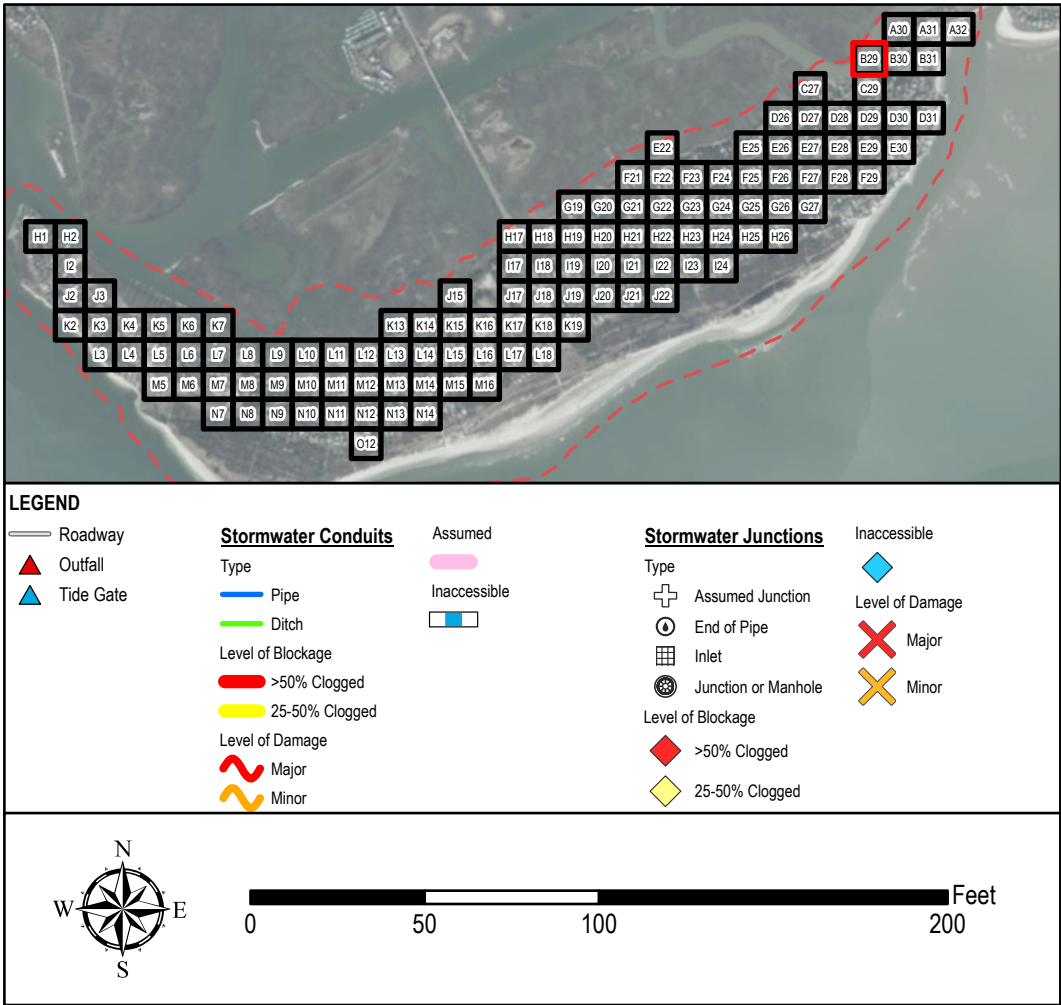
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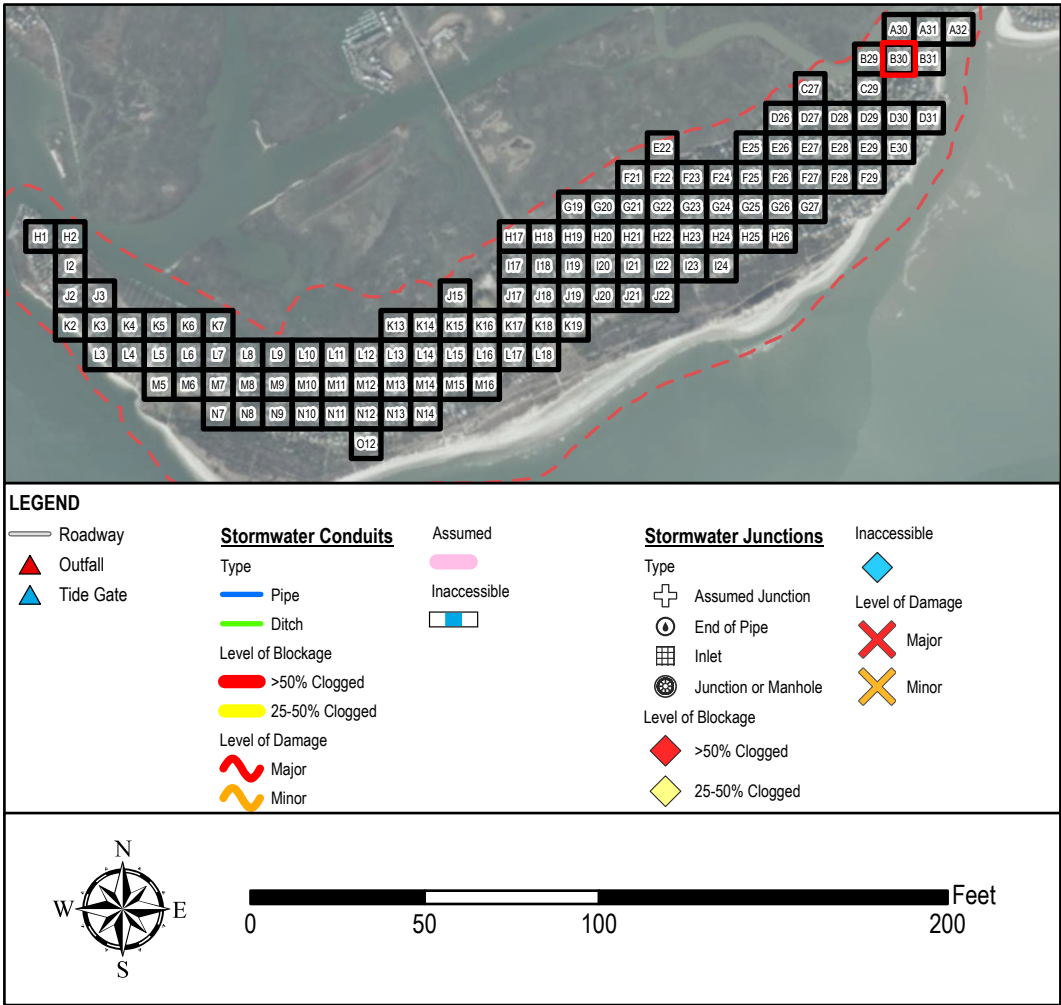
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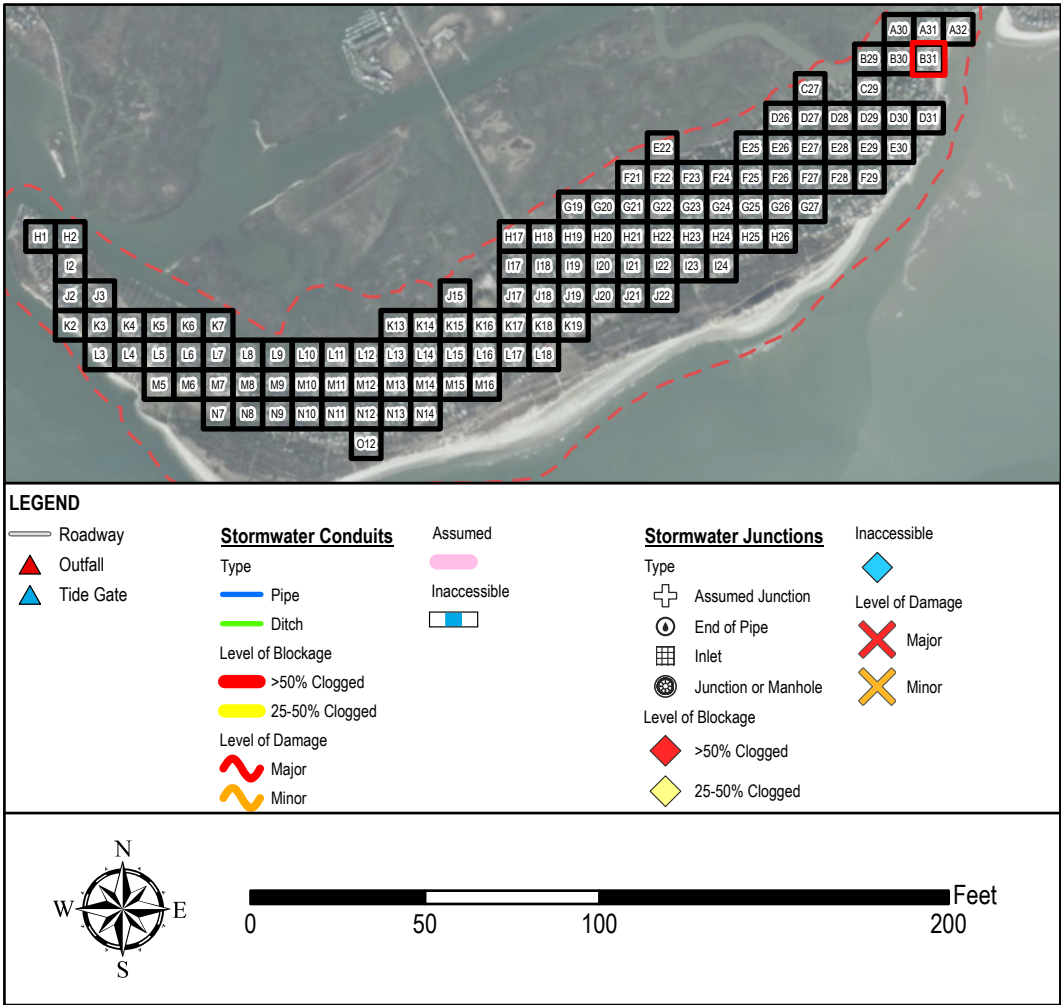
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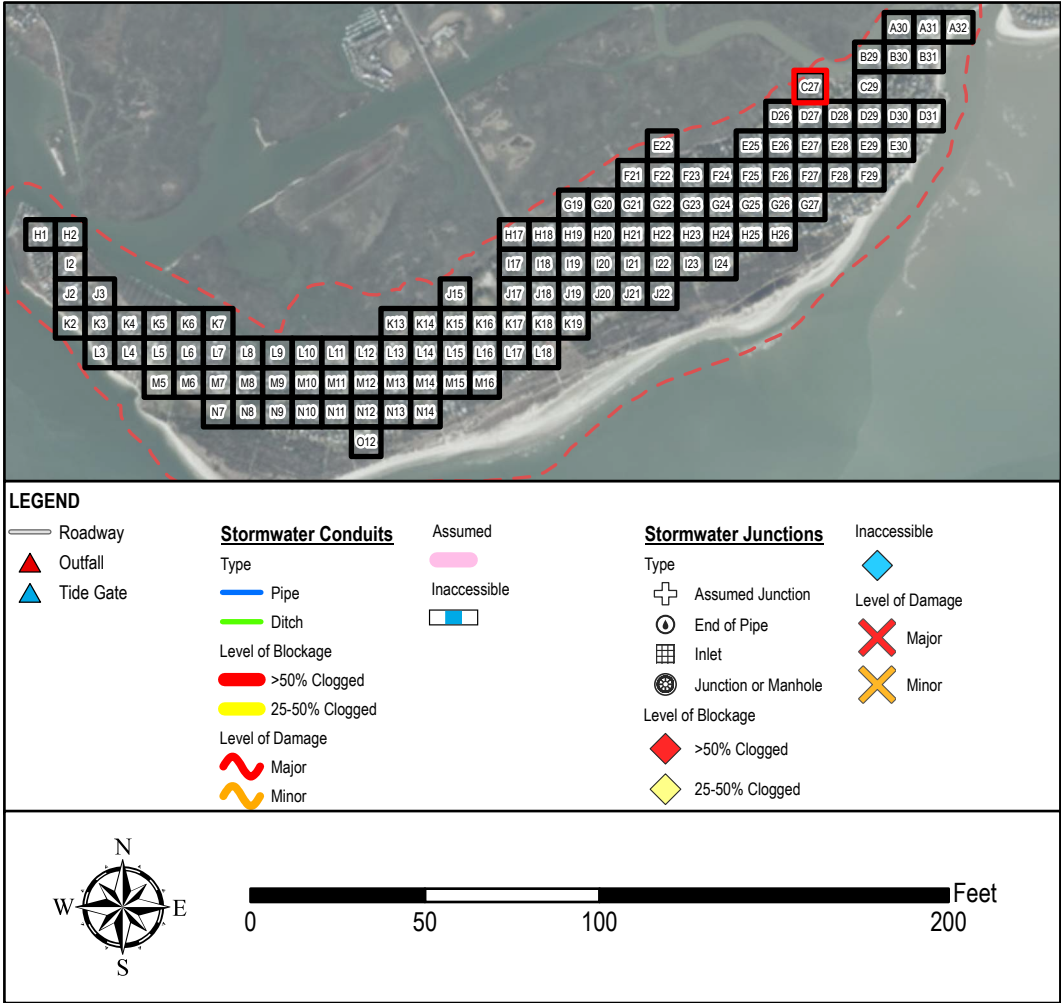
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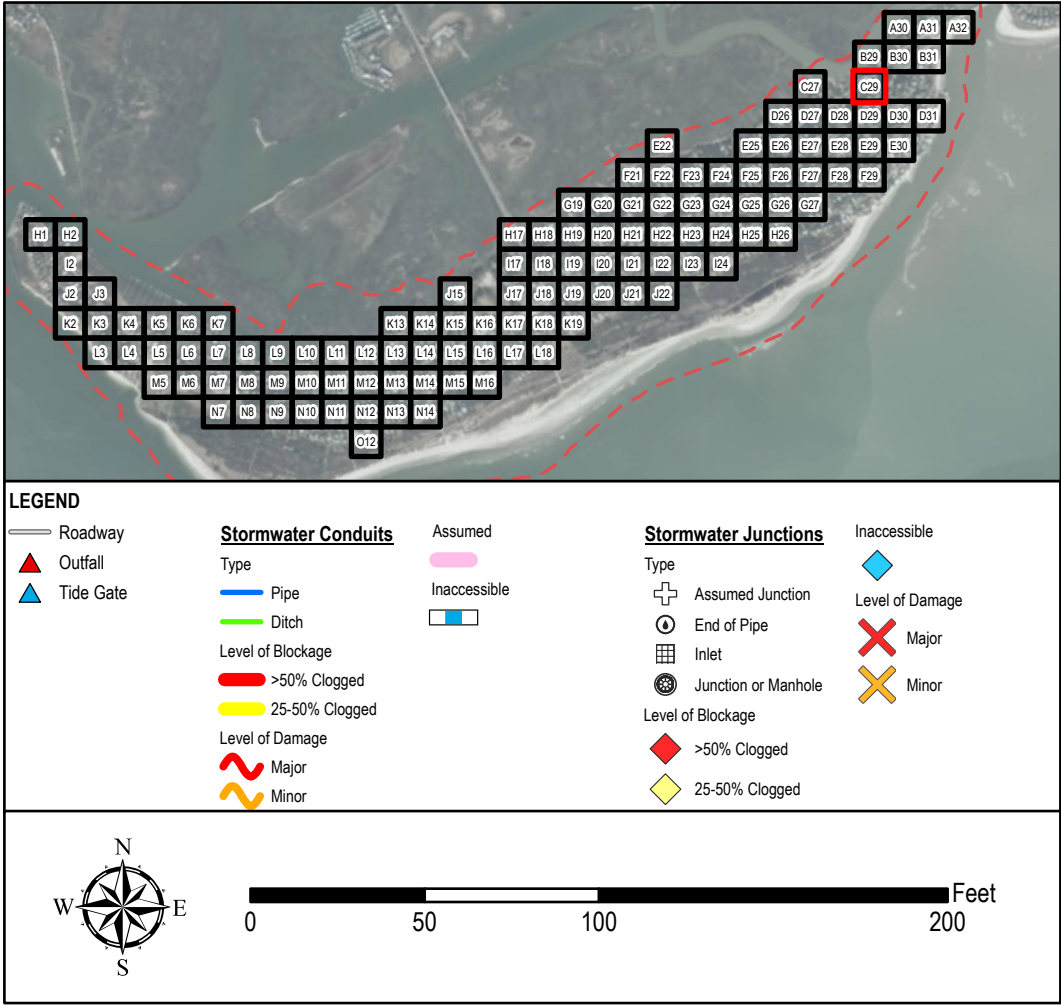
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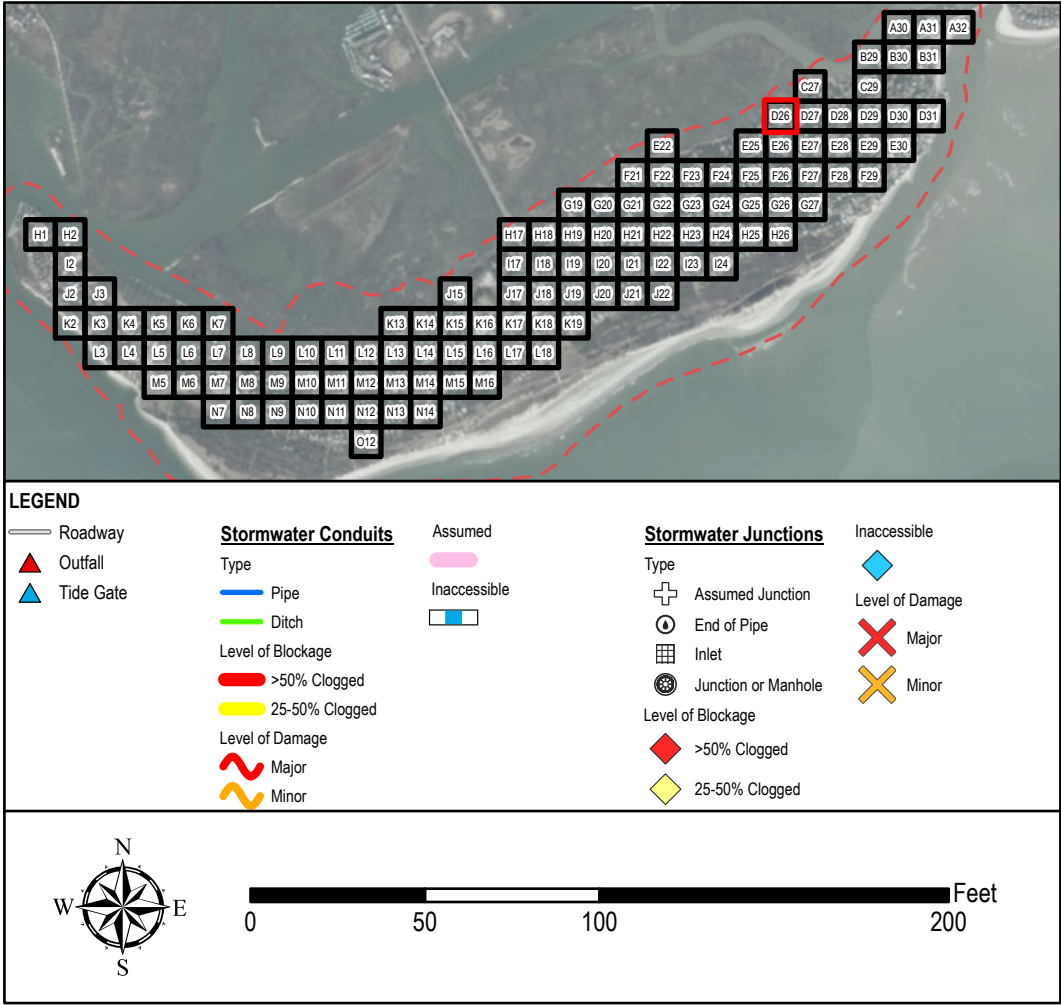
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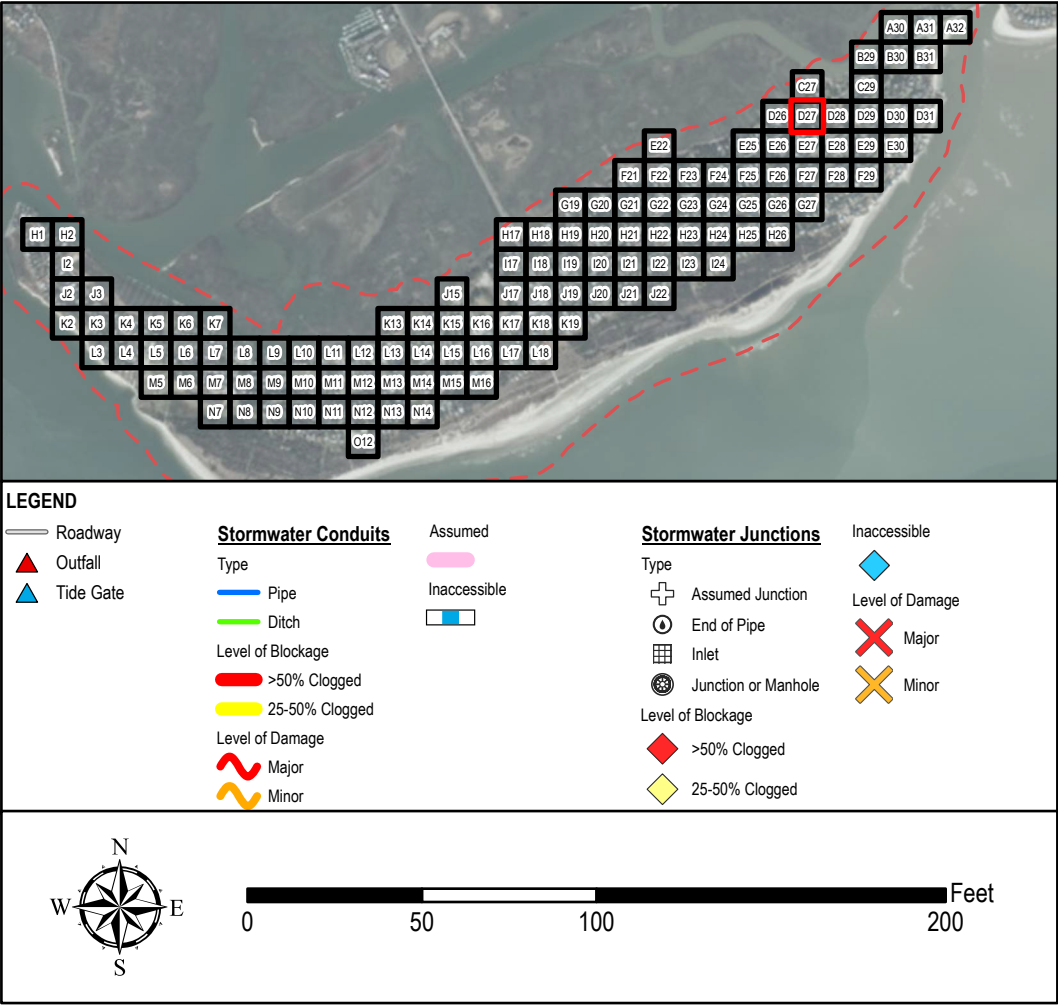
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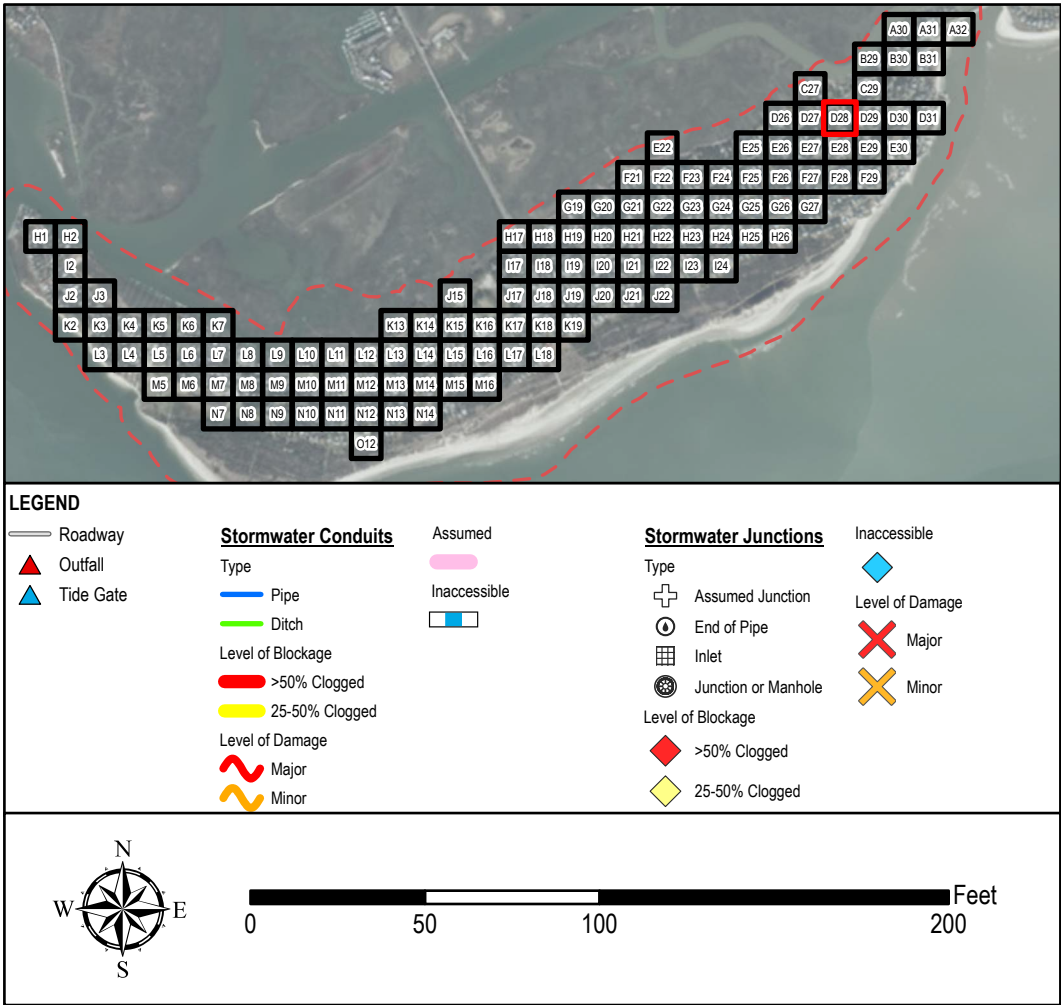
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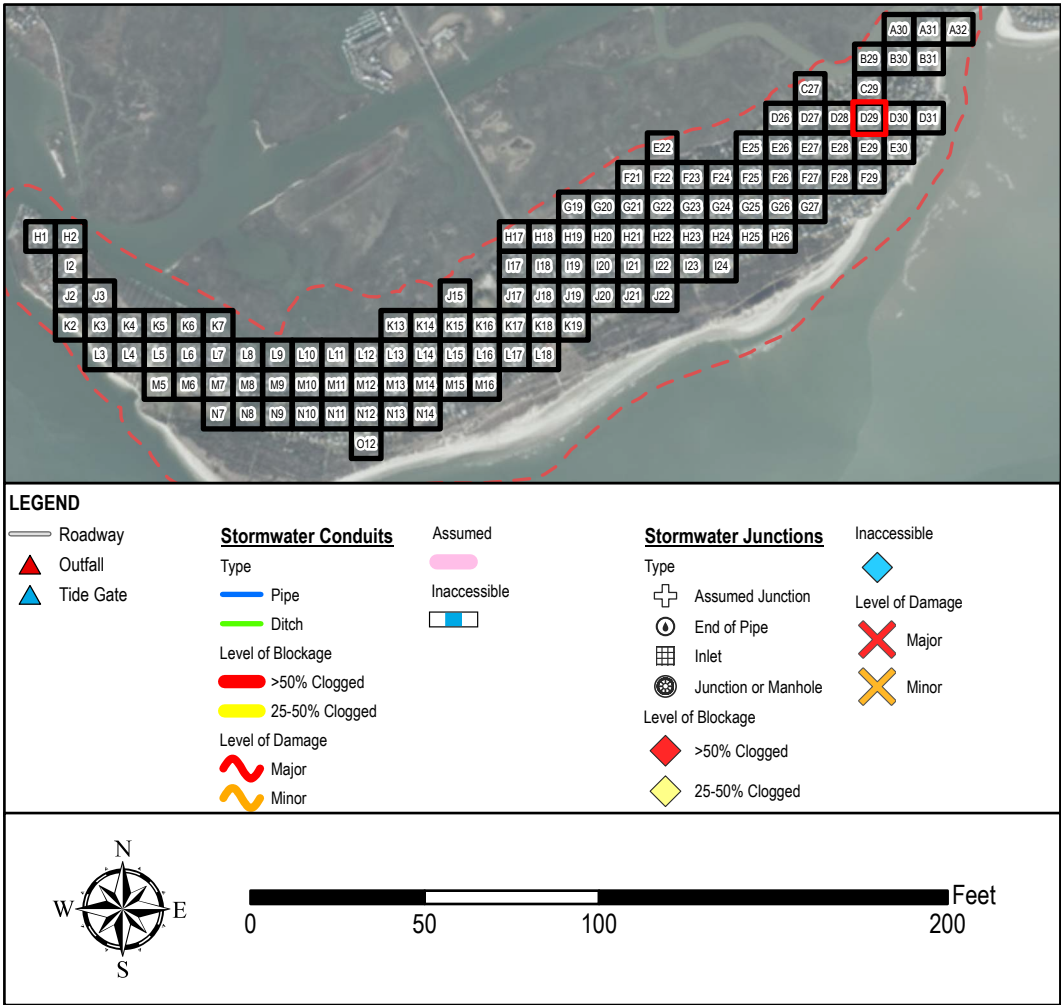
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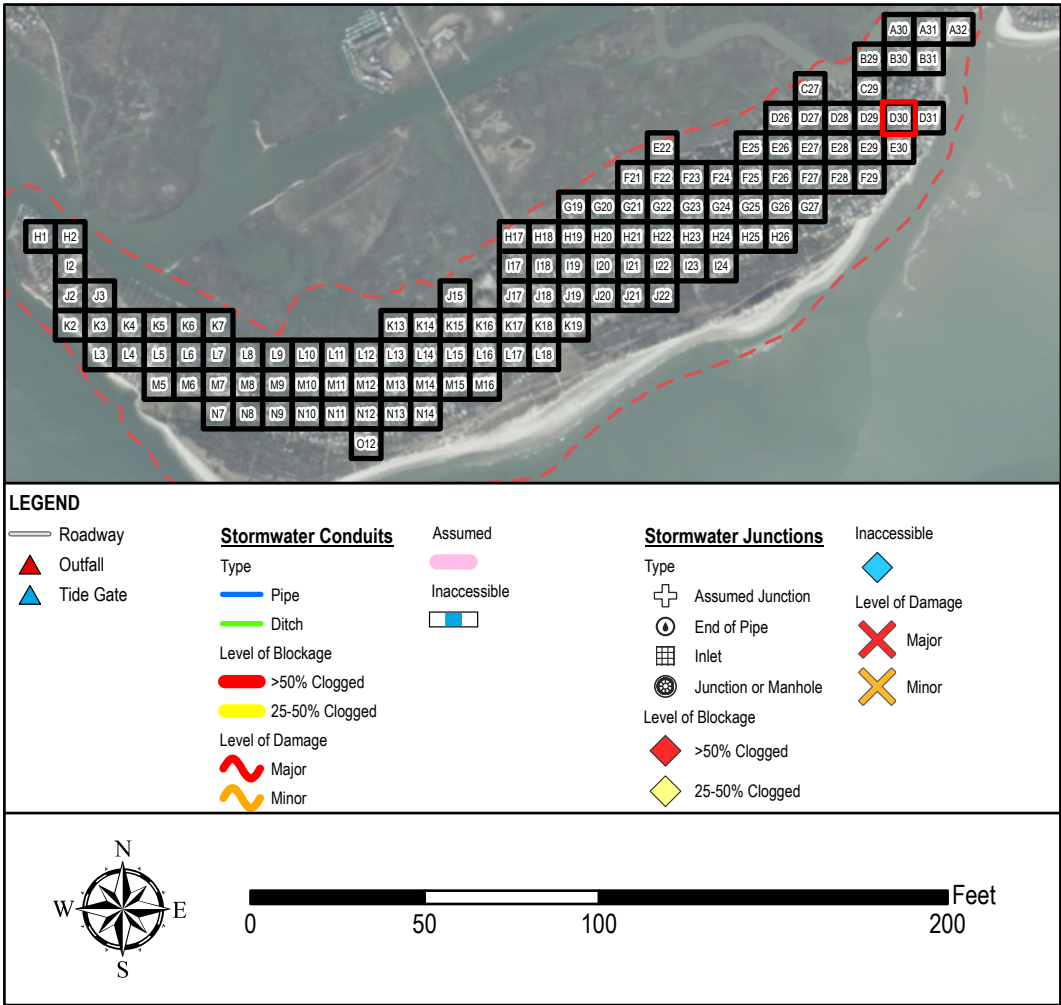
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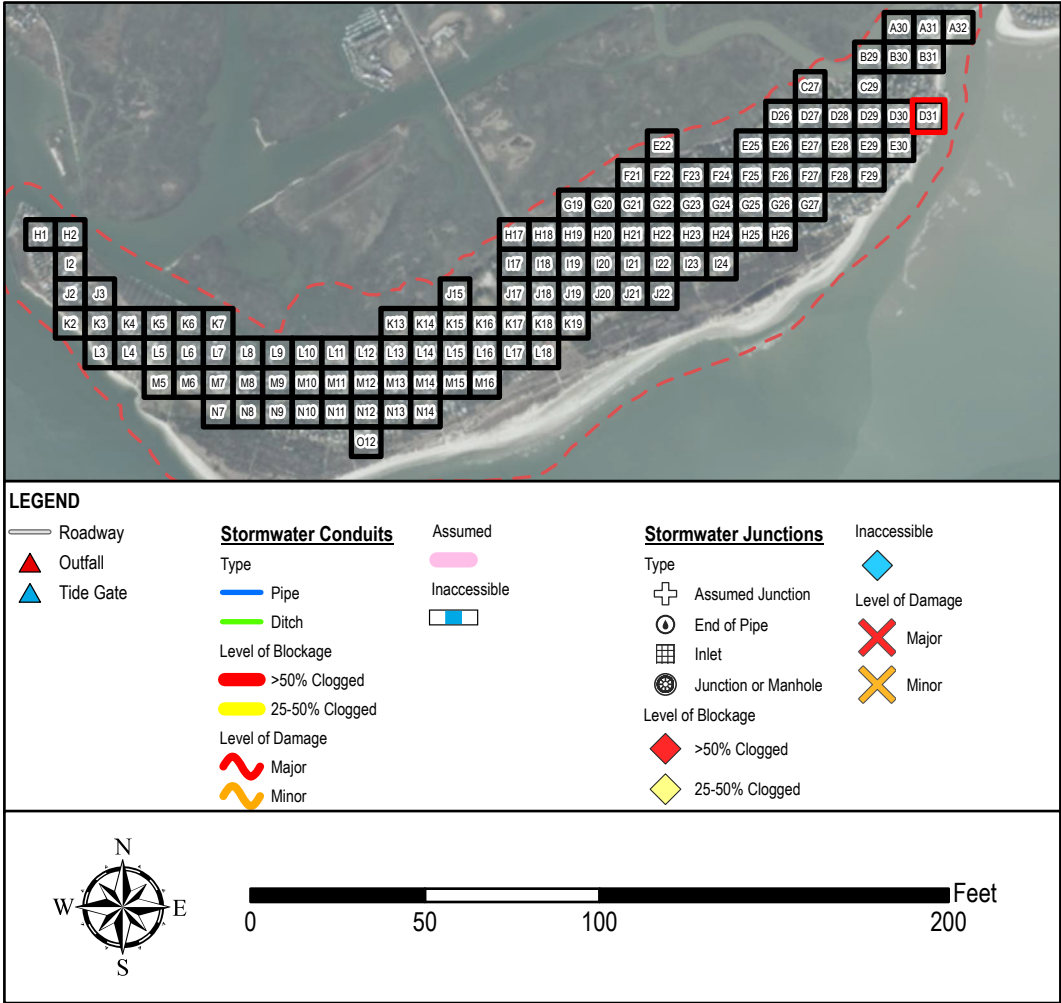
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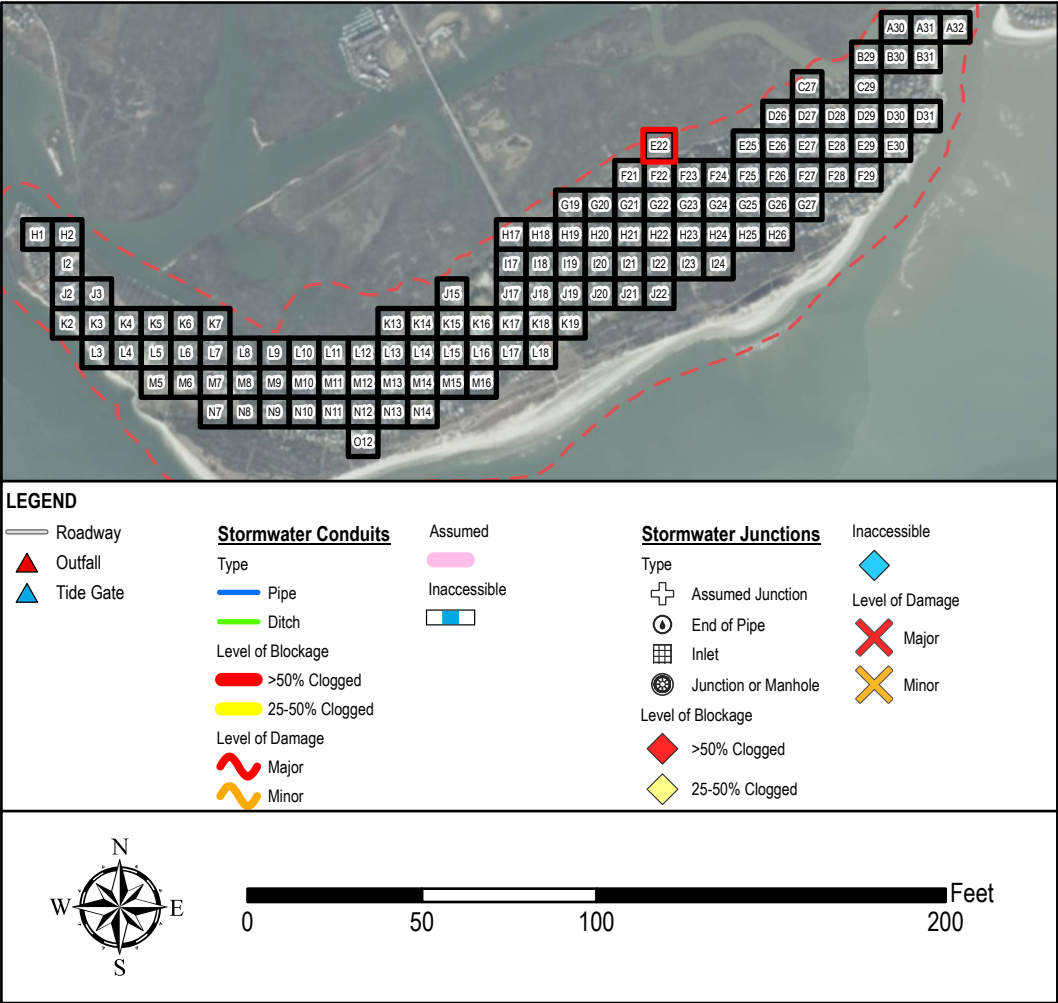
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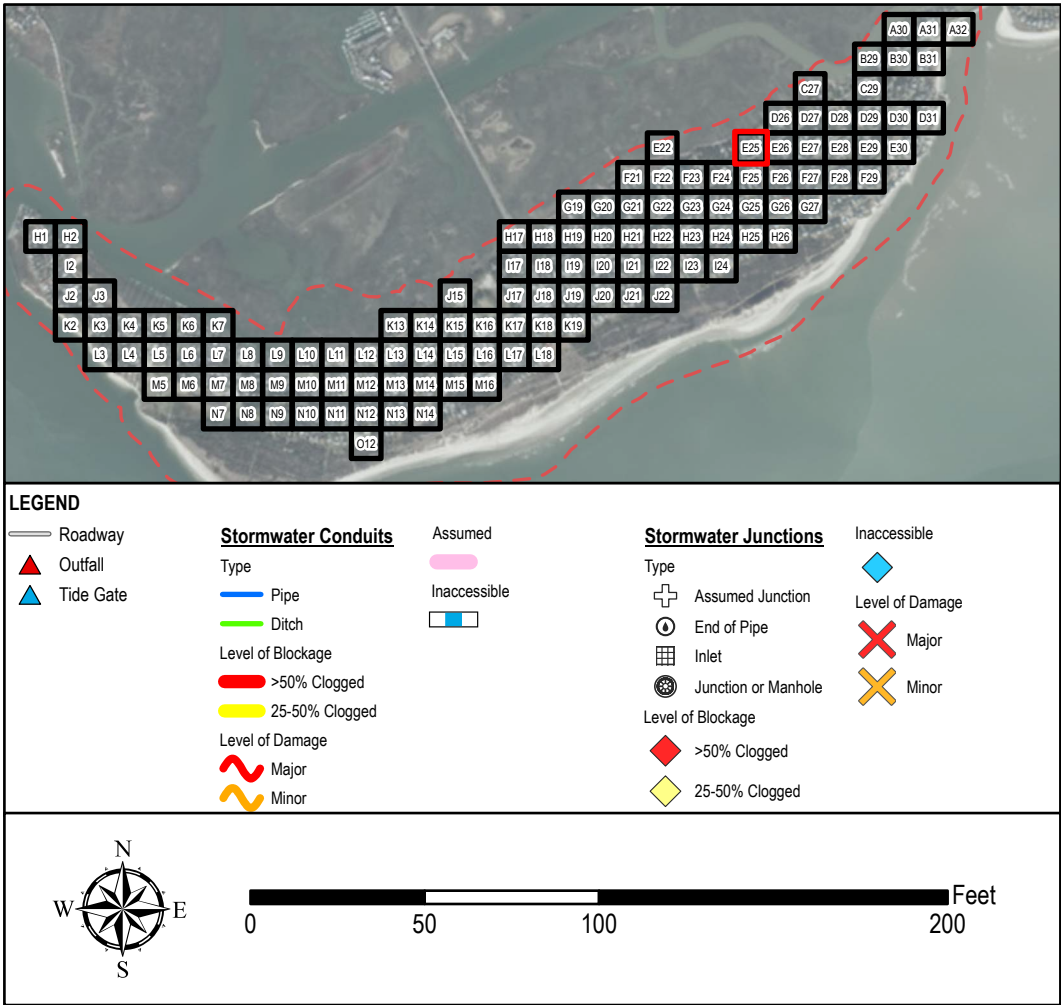
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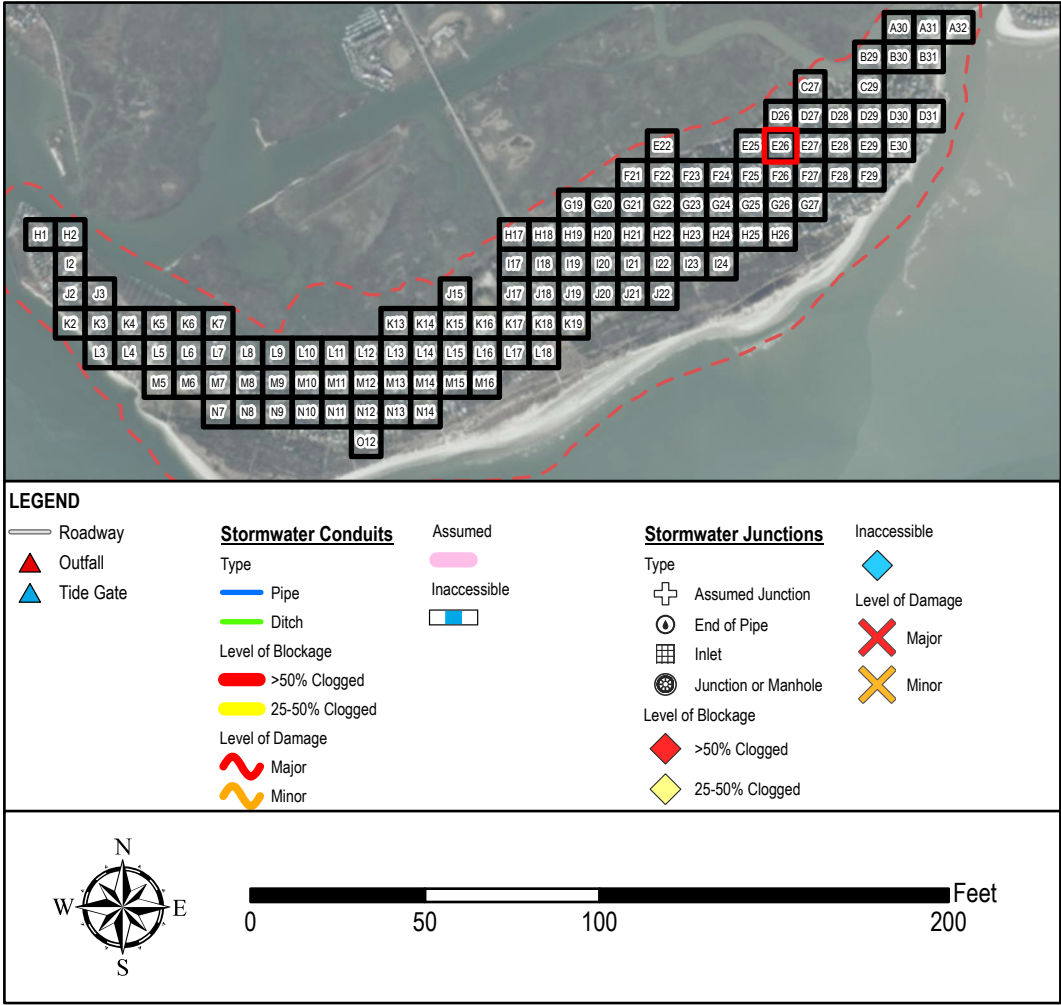
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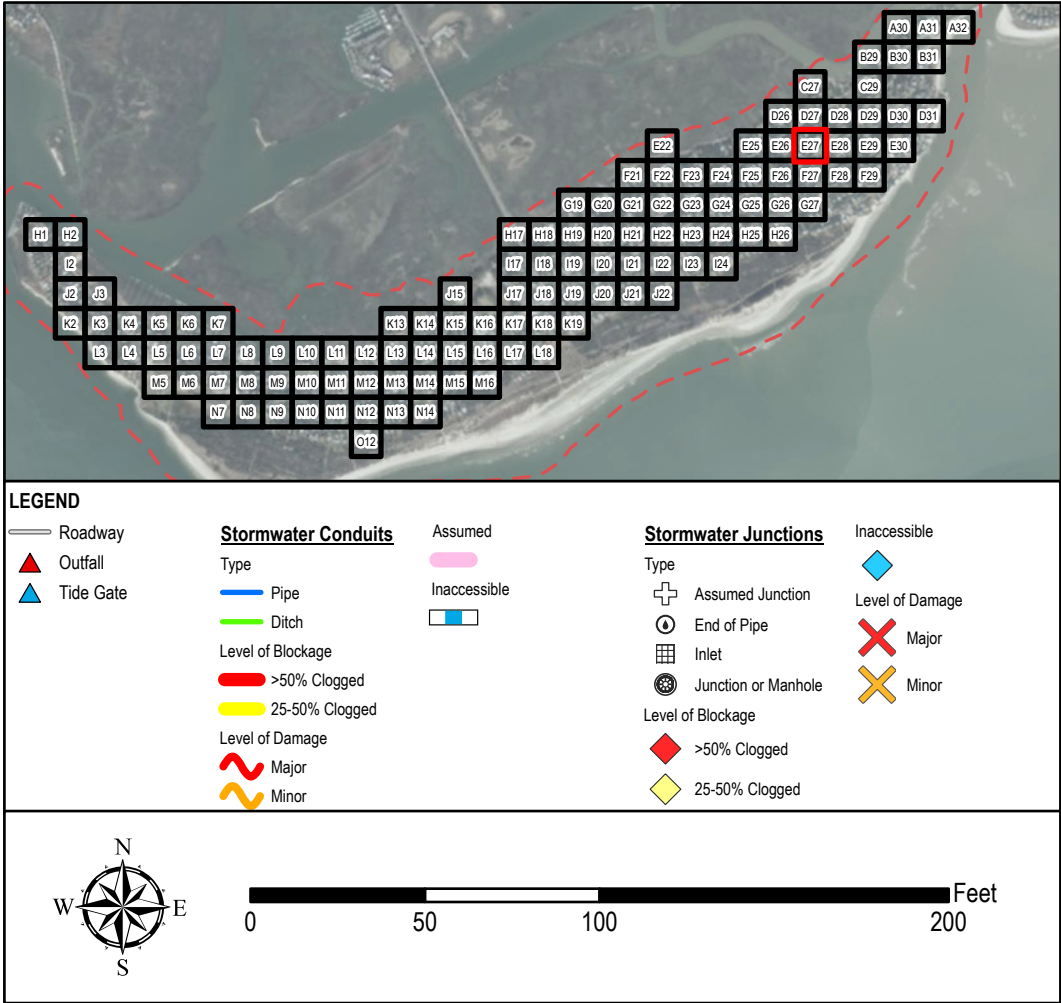
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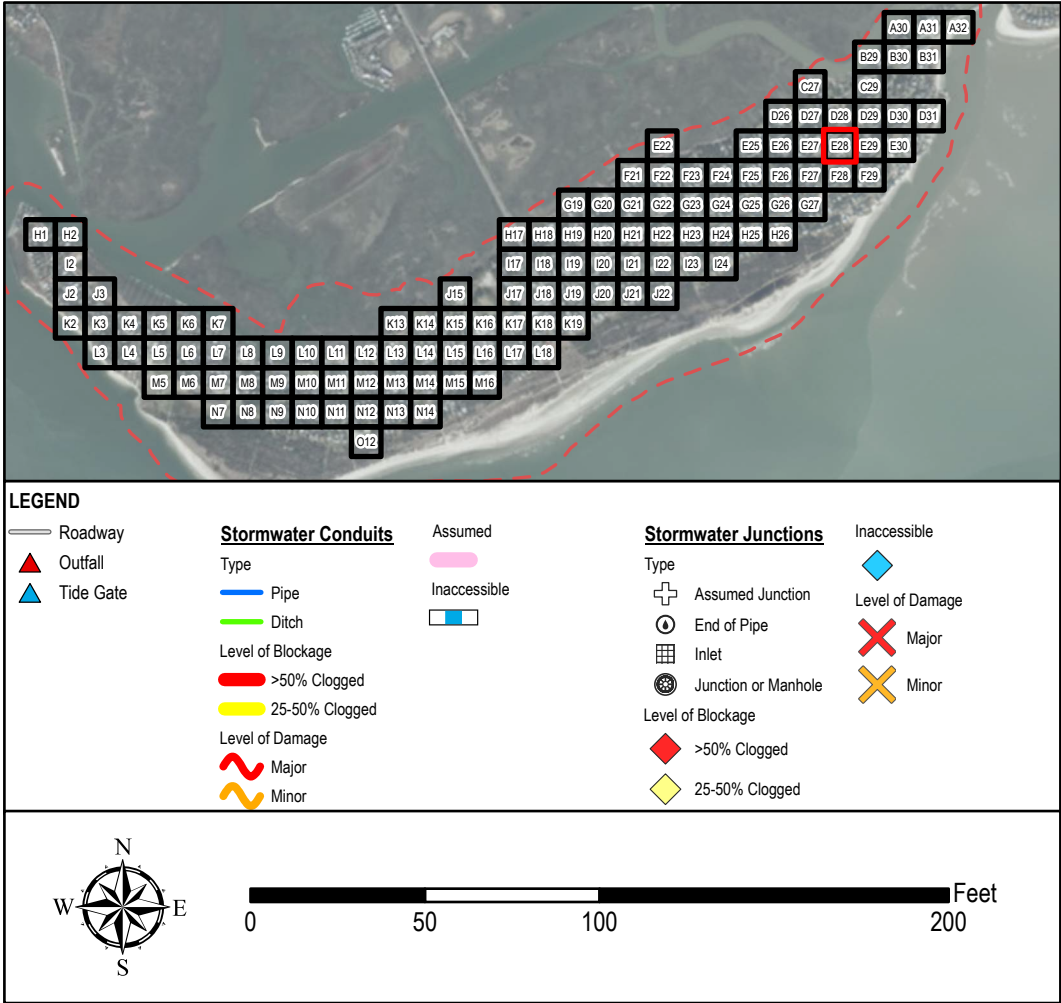
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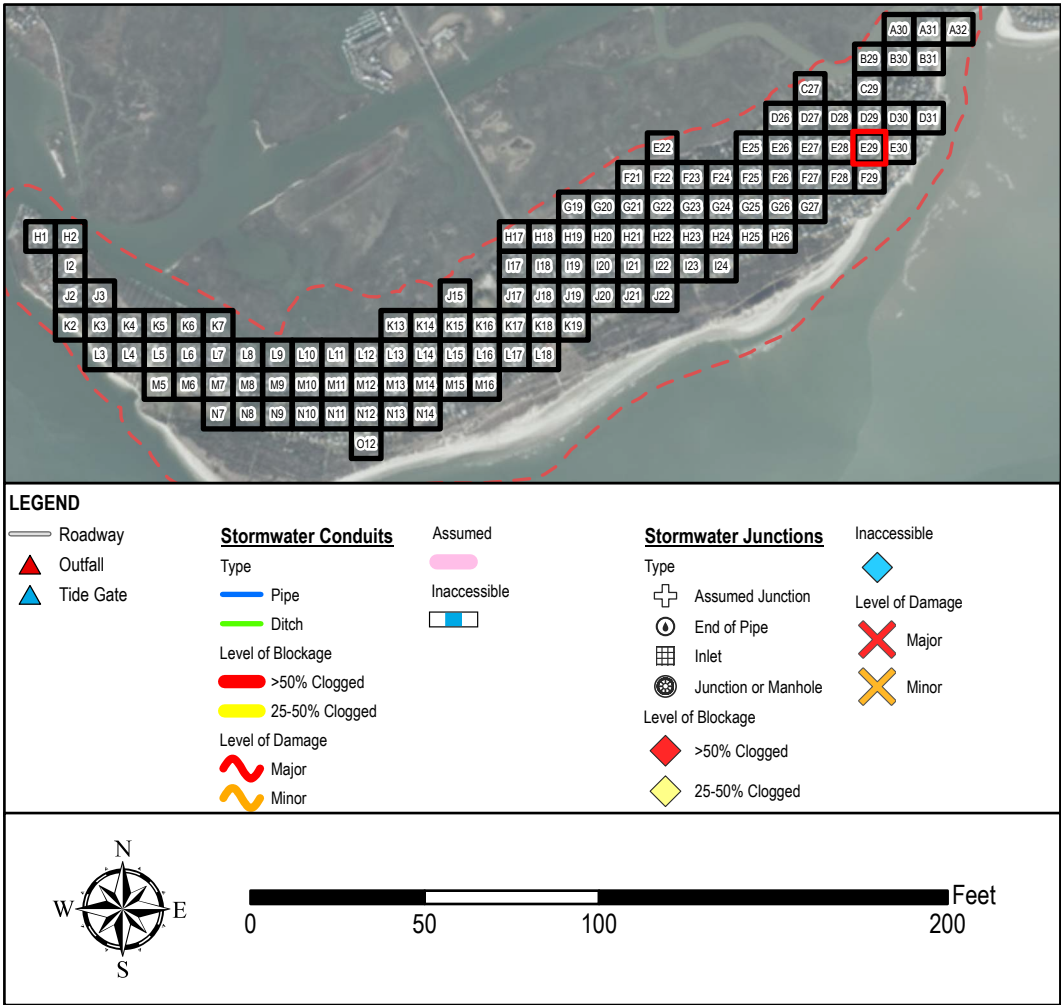
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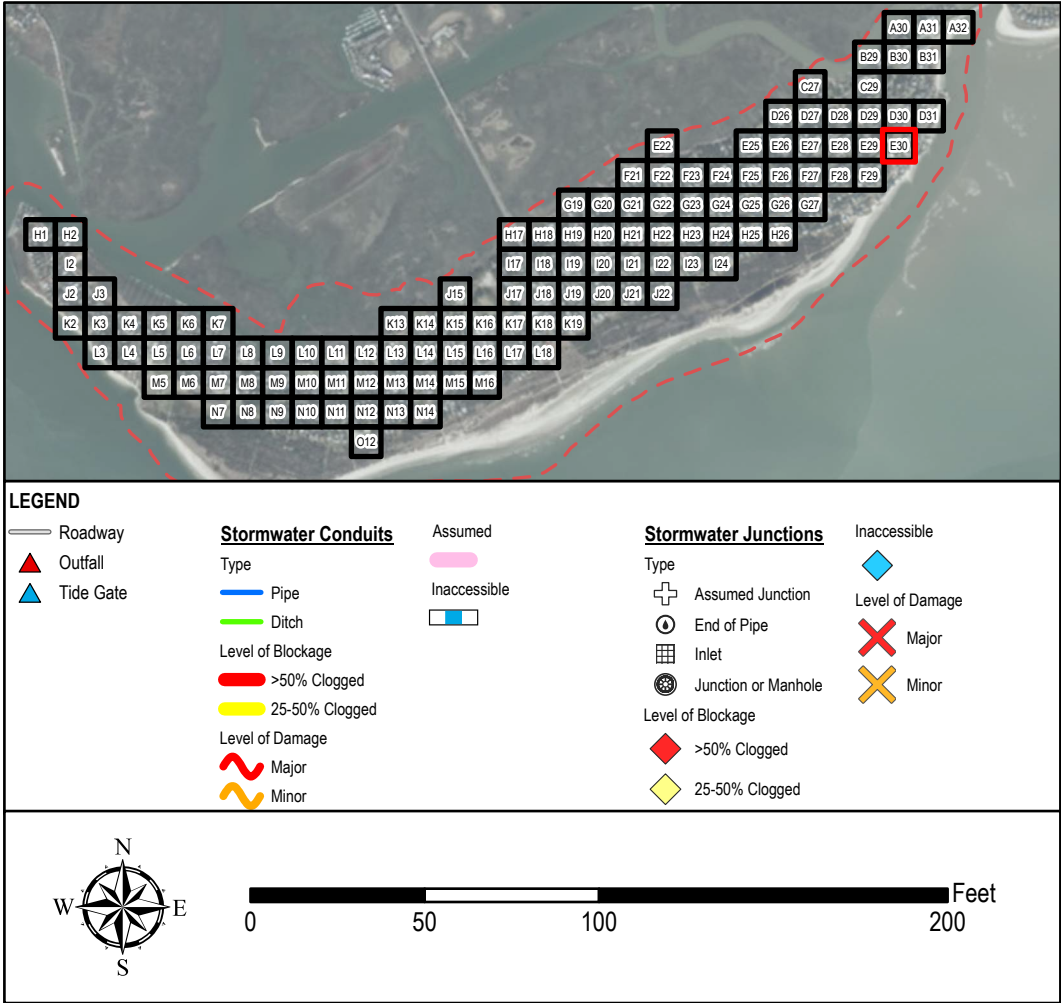
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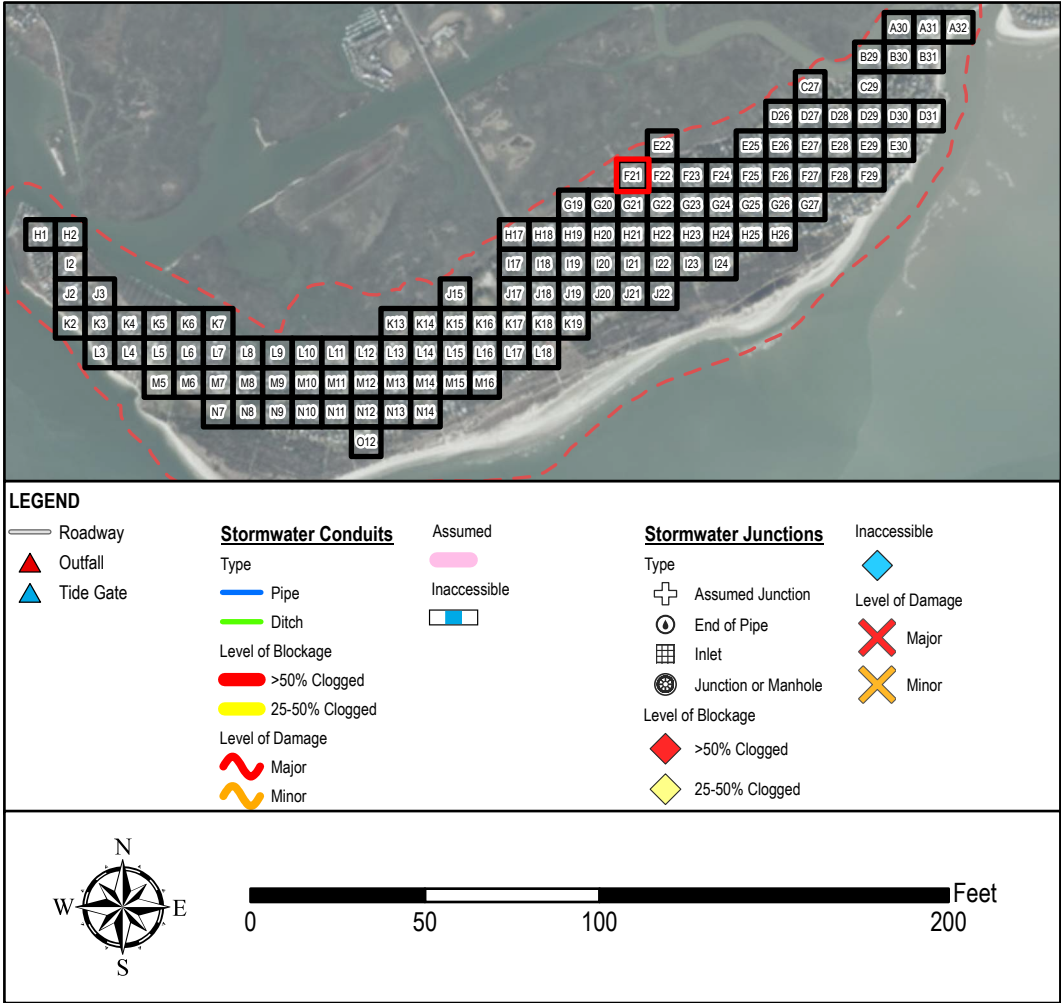
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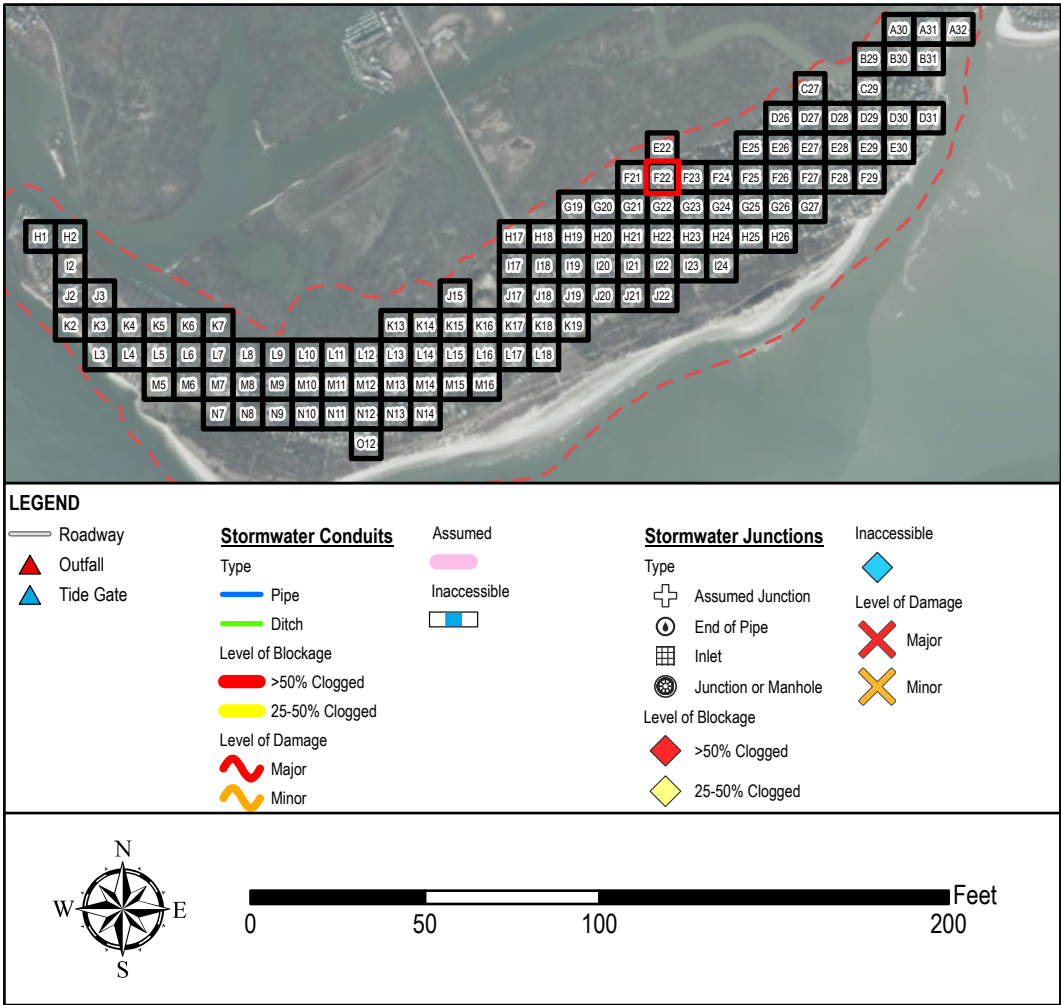
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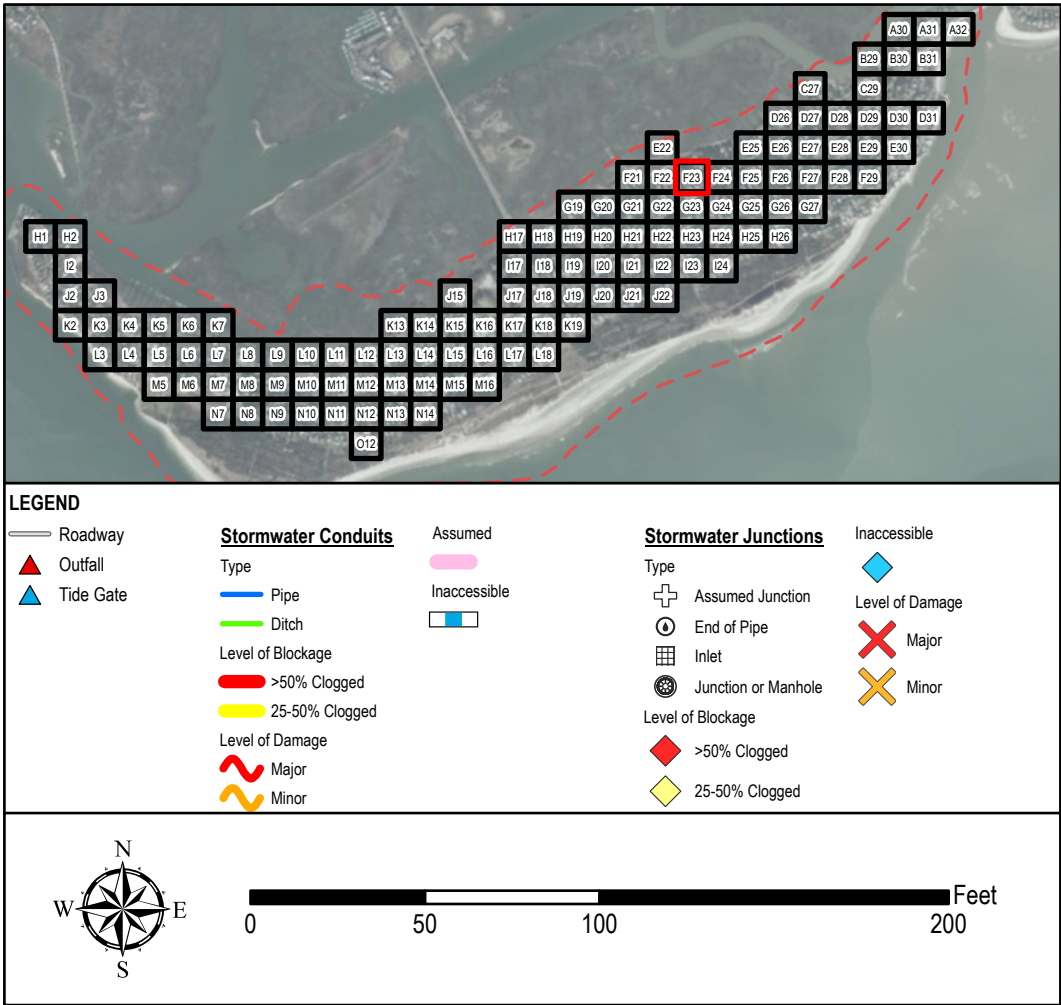
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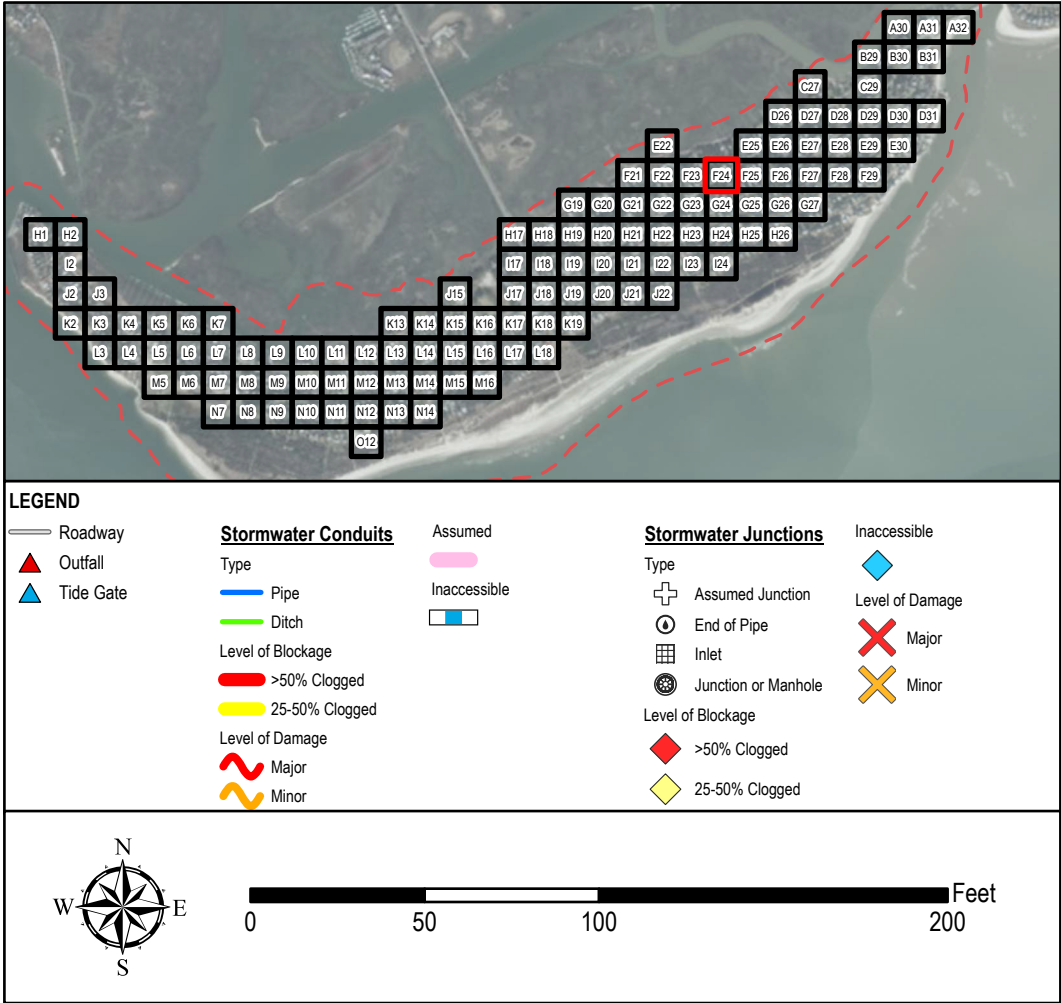
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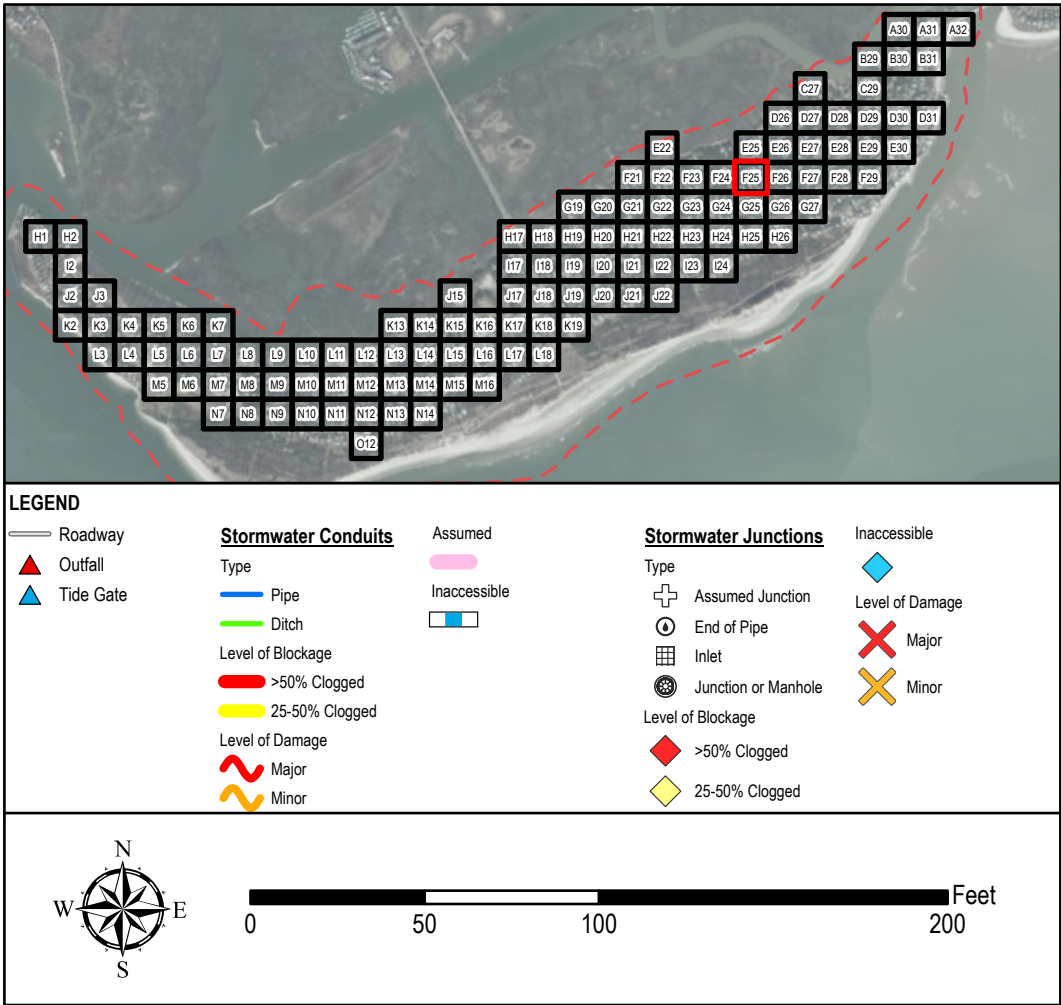
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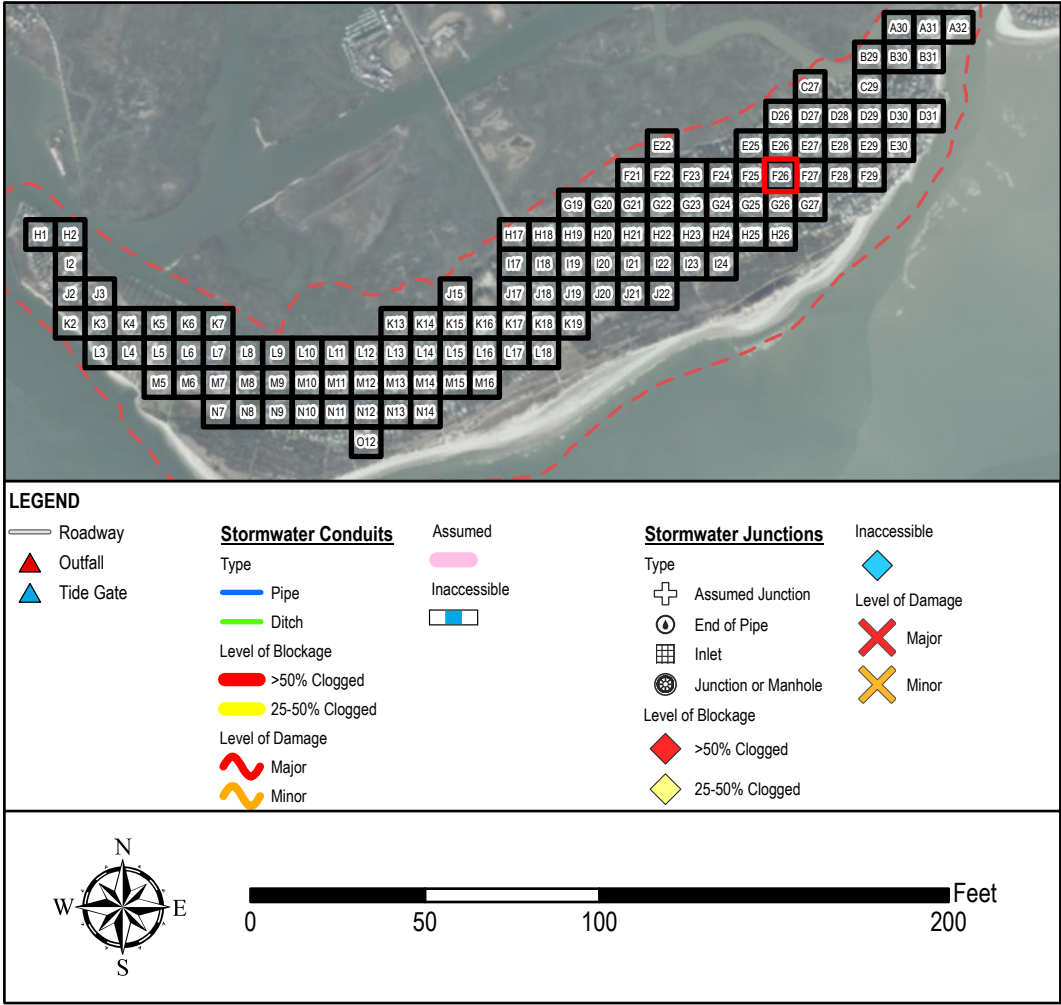
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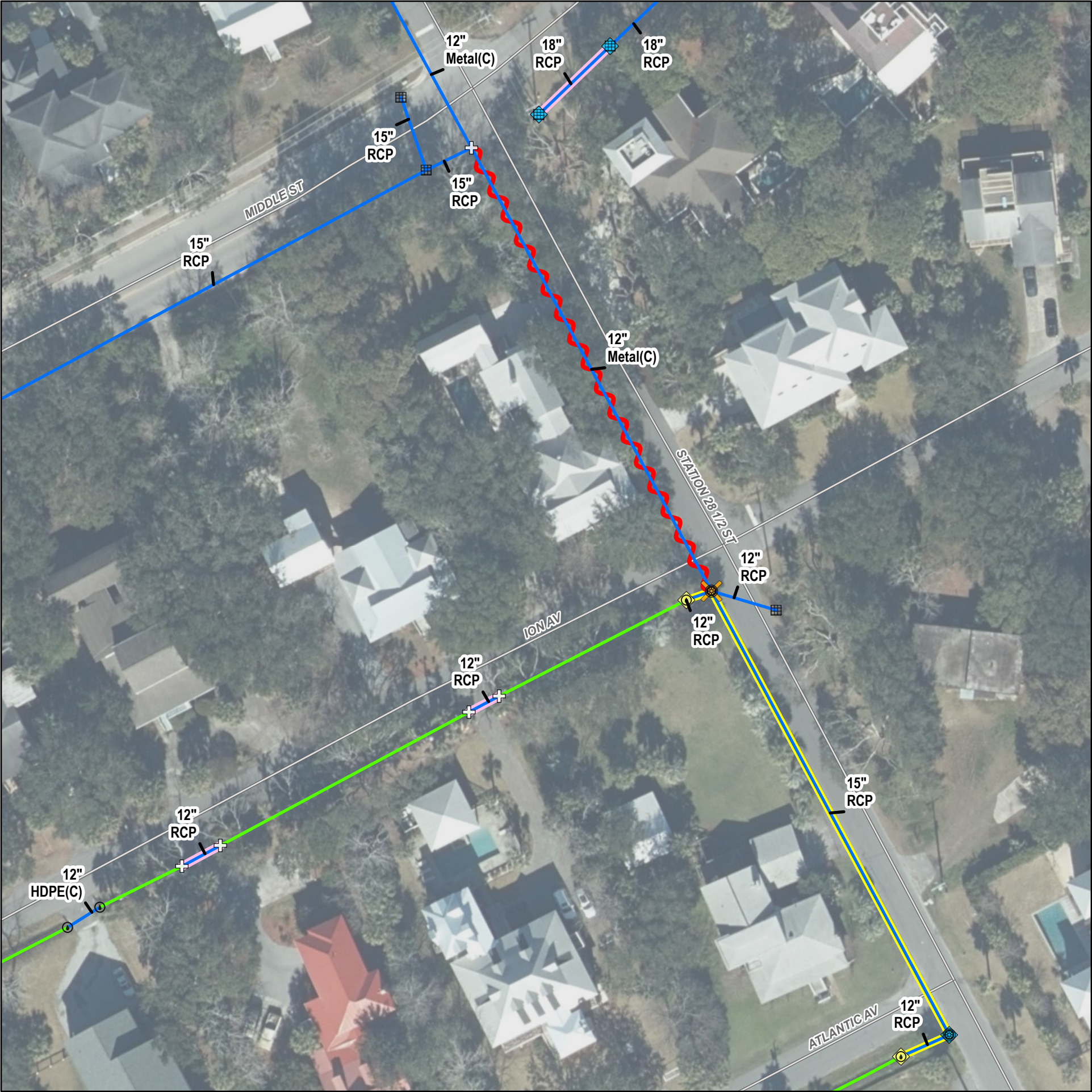
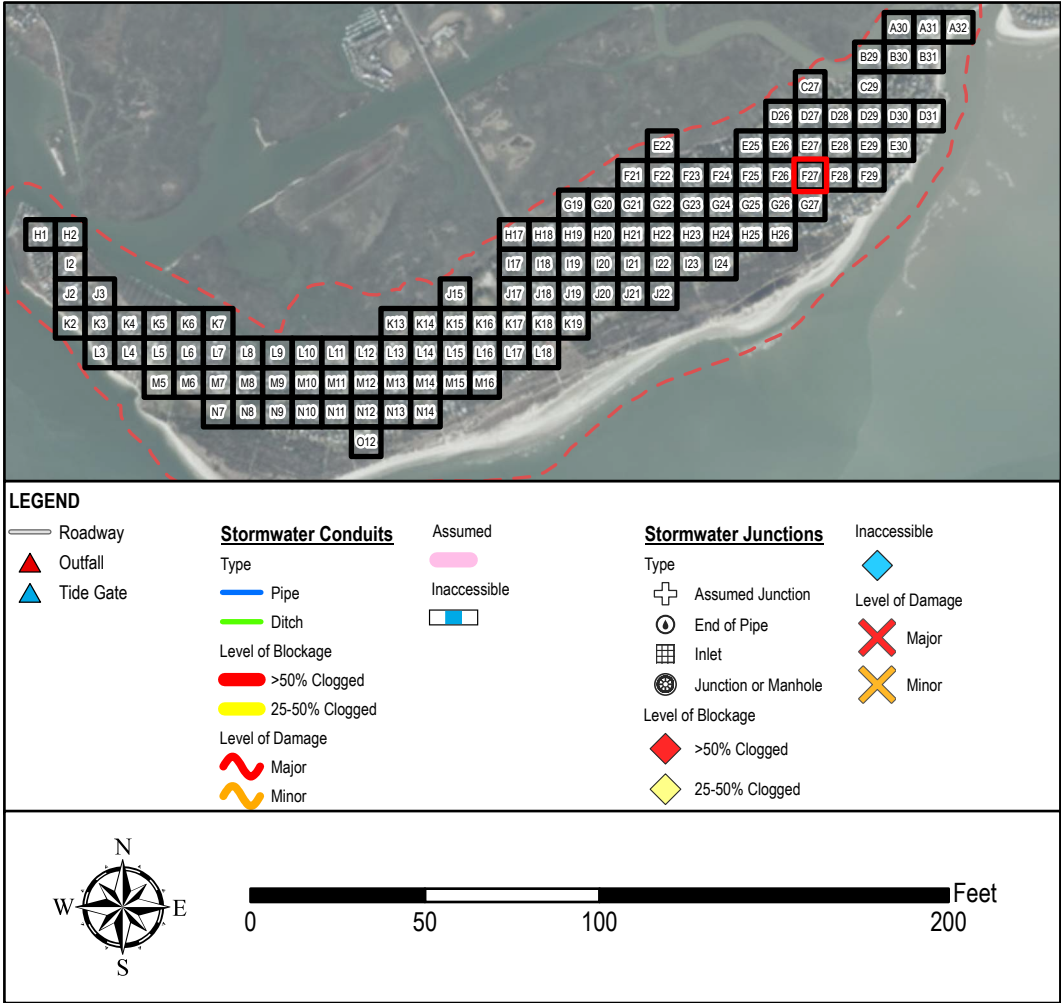
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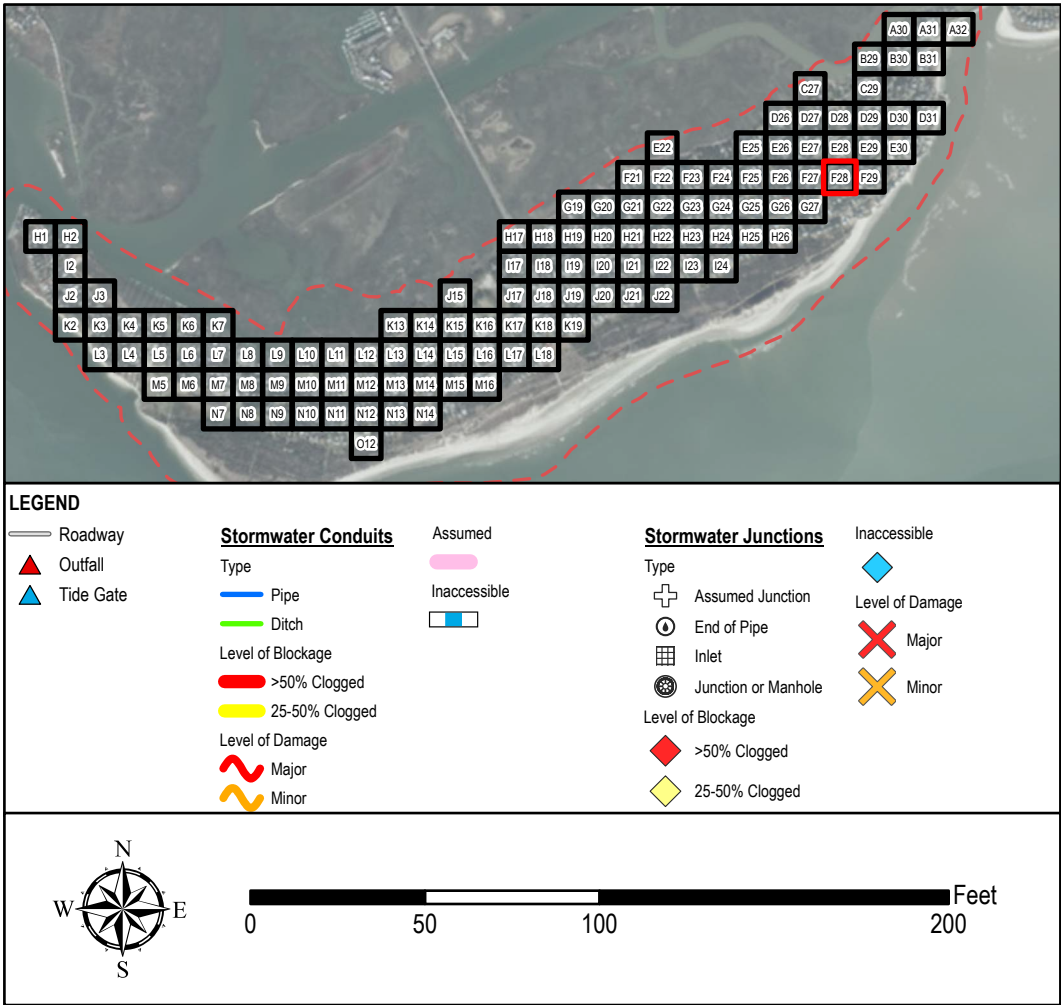
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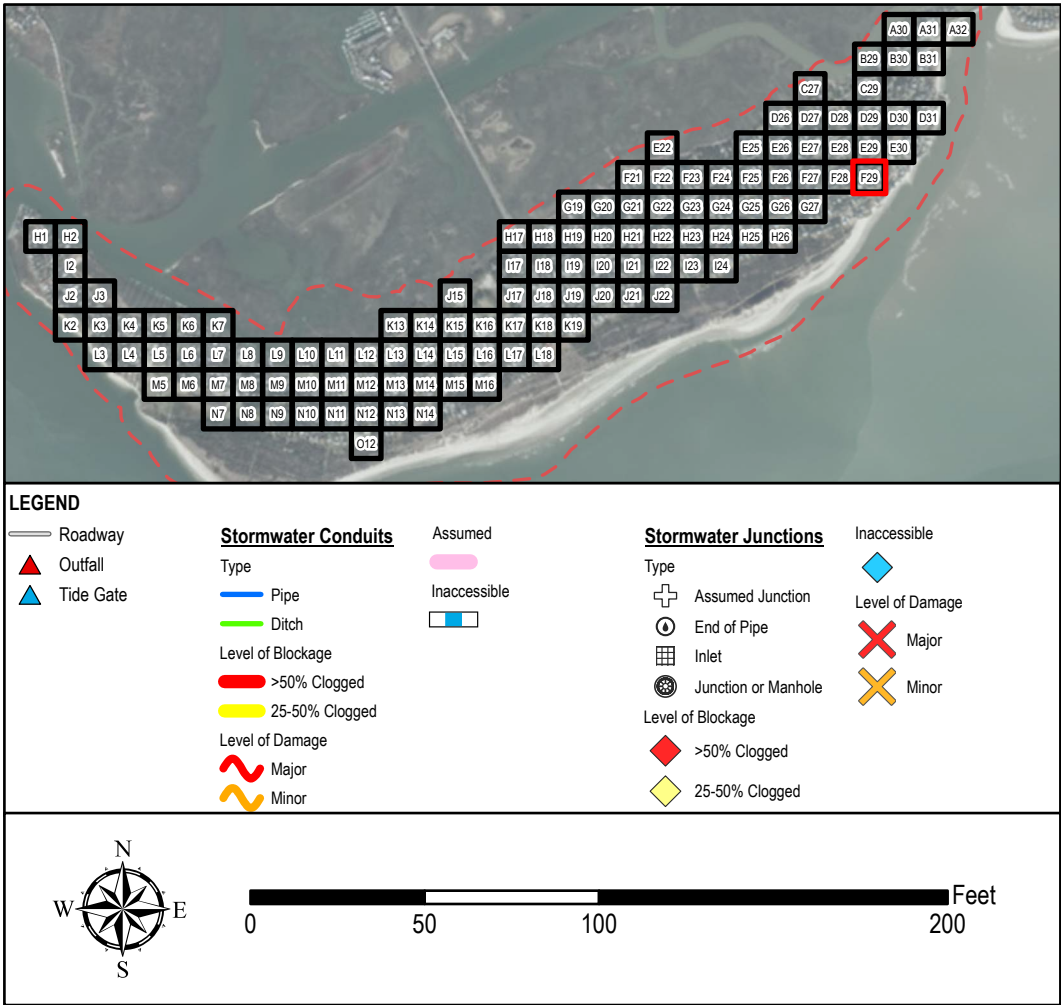
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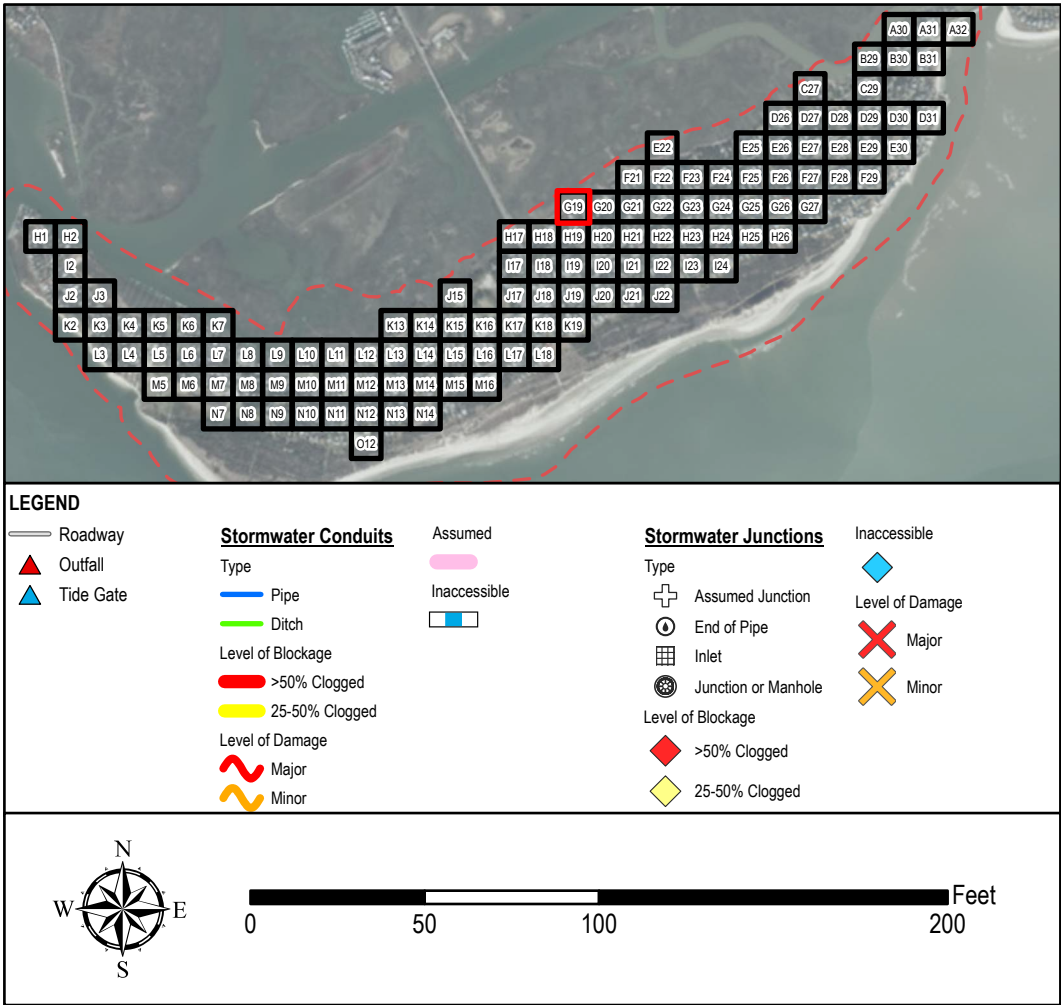
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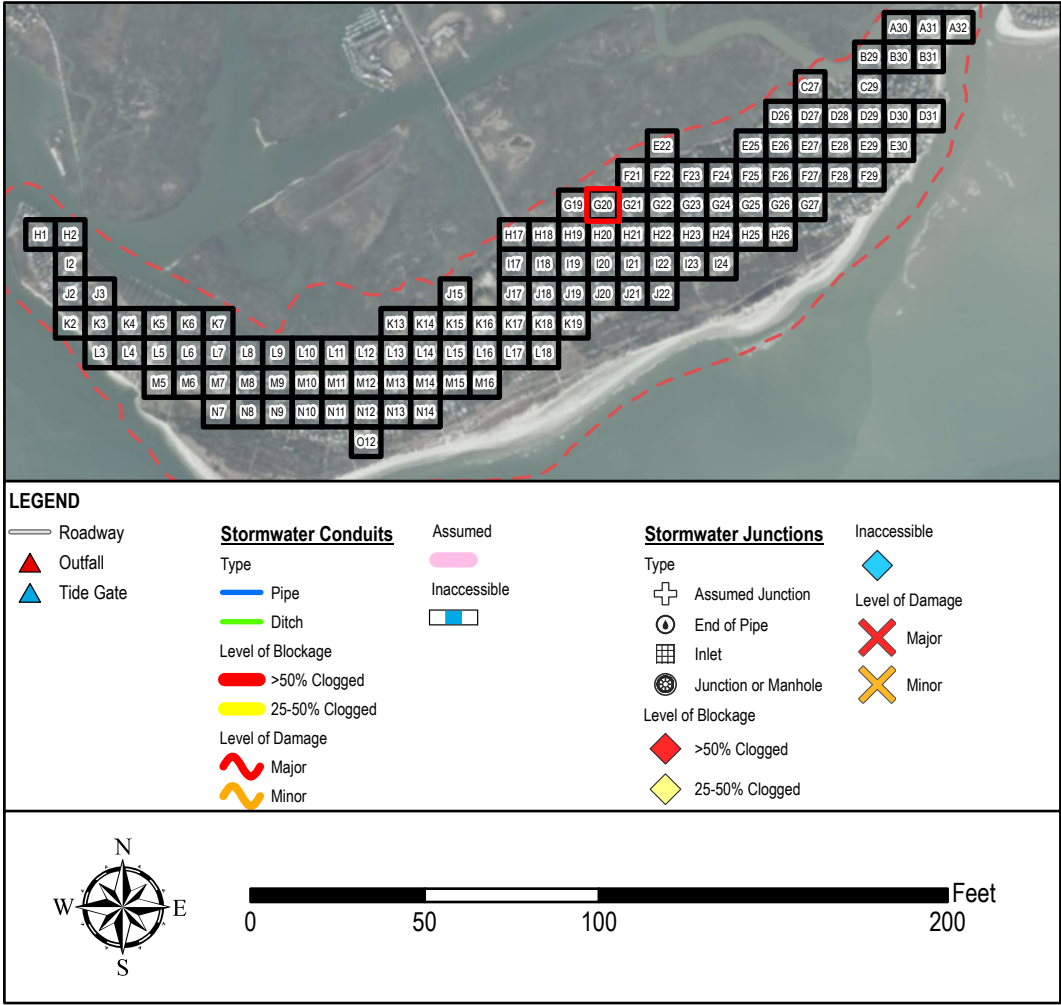
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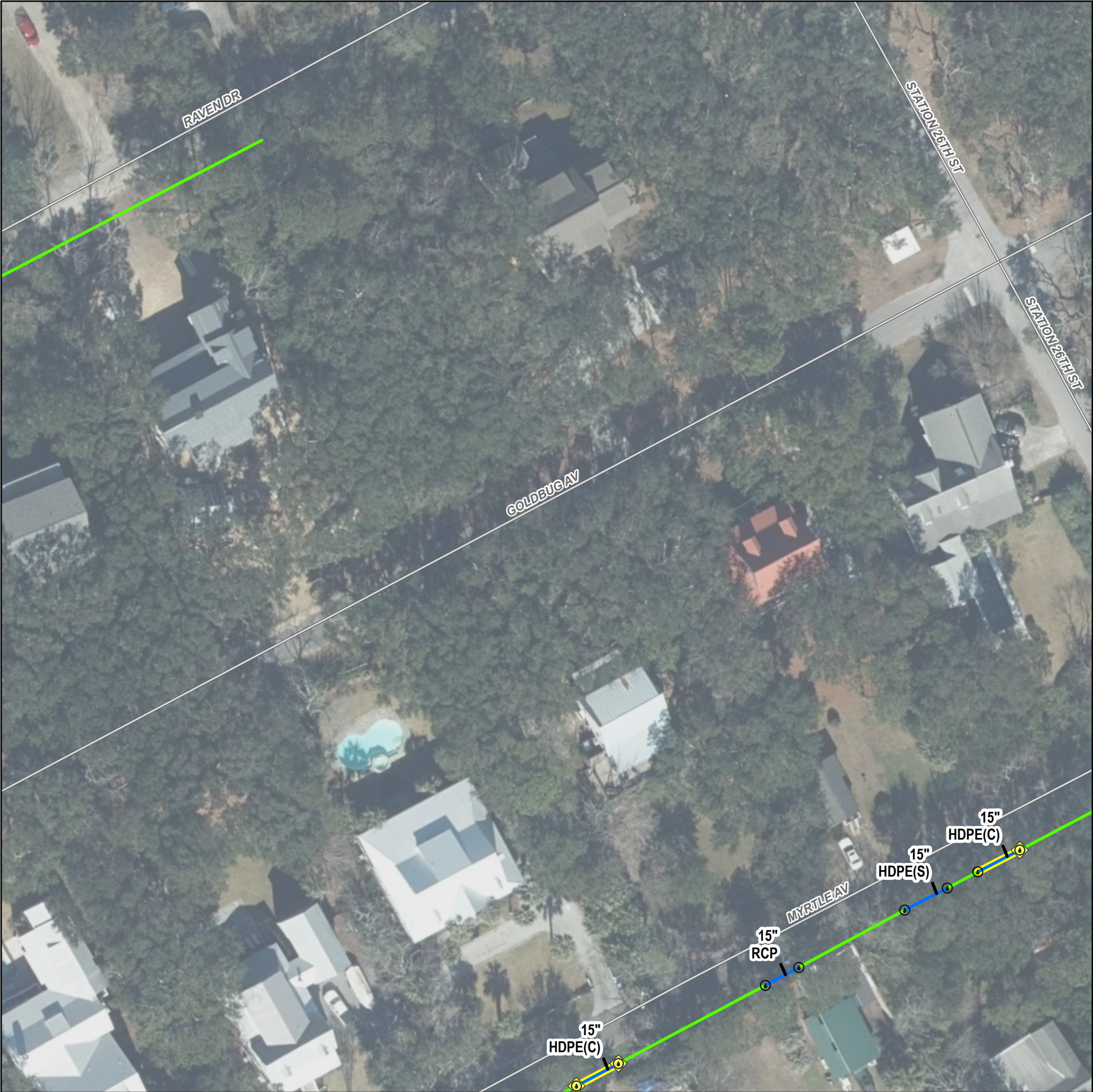
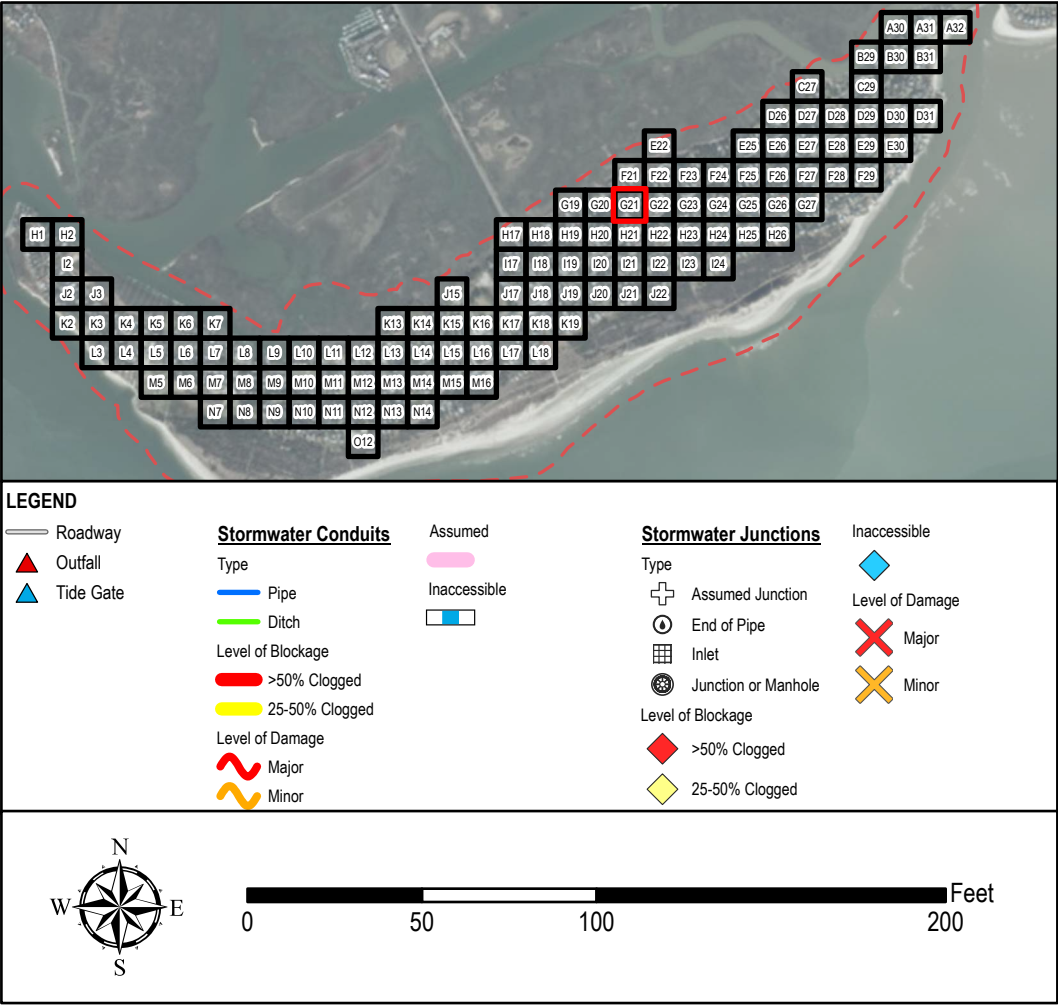
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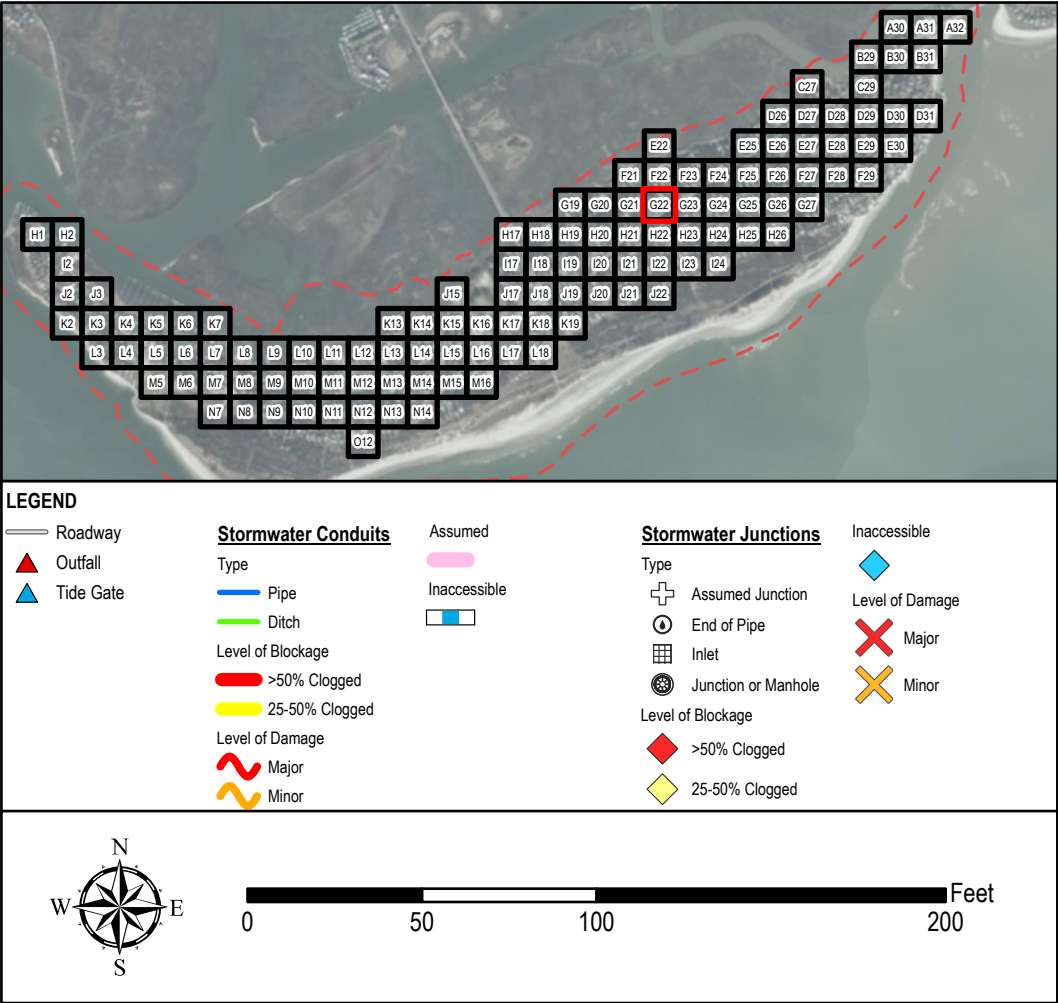
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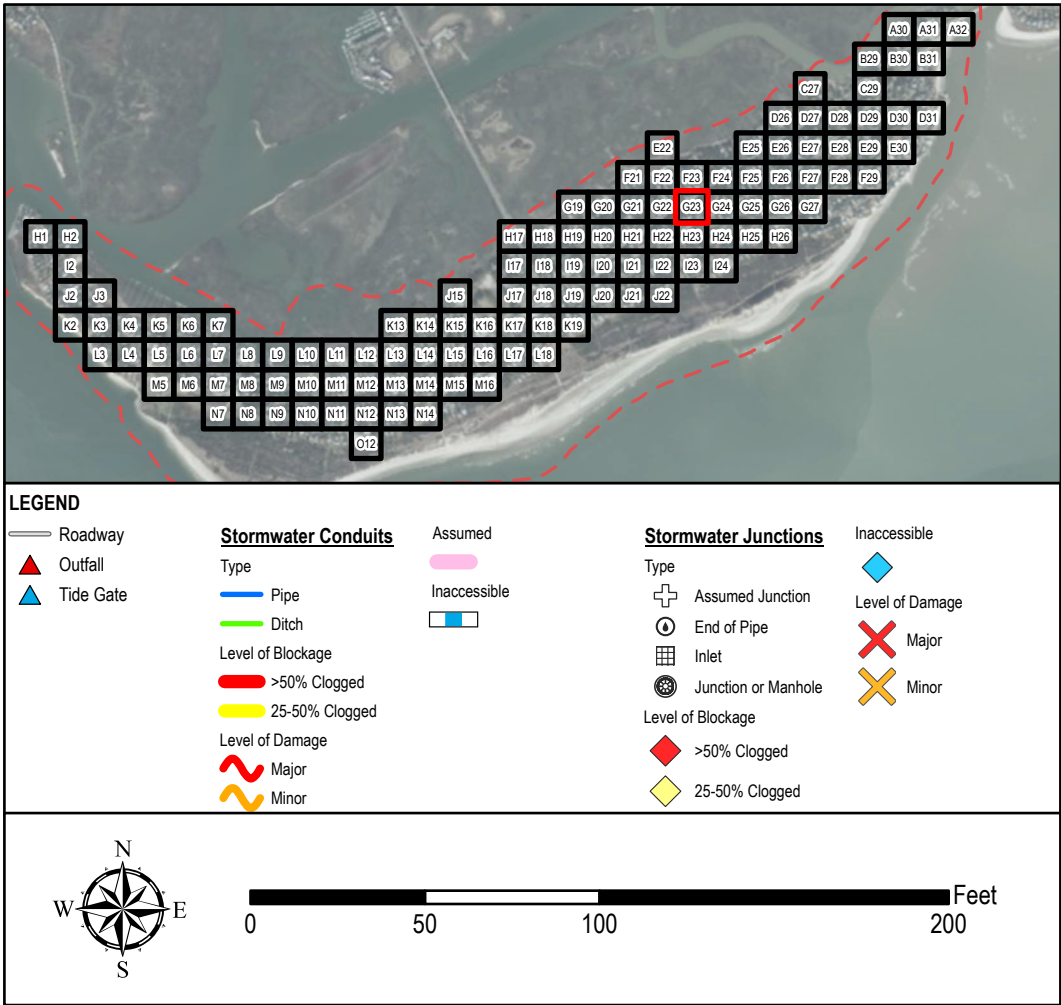
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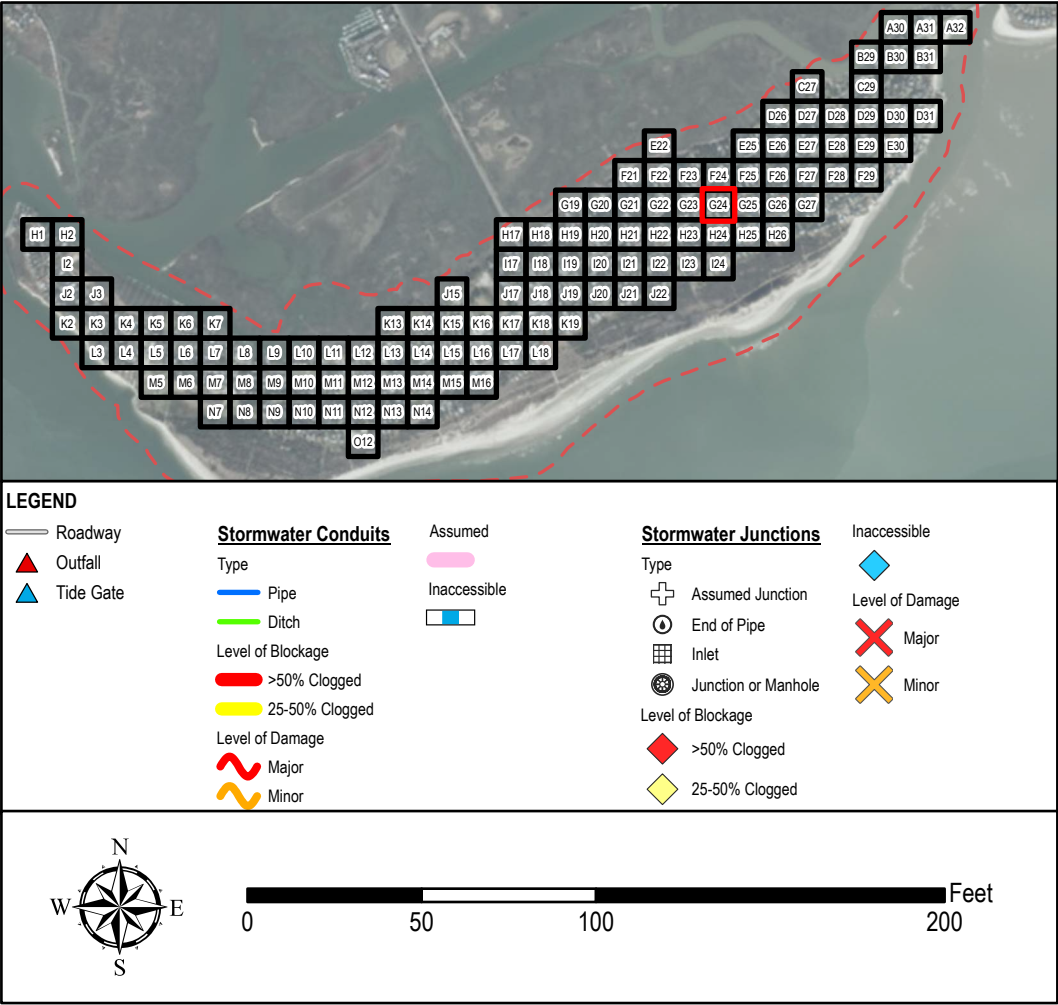
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<p align="center">Town of Sullivan's Island, SC Island-Wide Stormwater Master Plan and Infrastructure Improvement Strategy</p>		
<p align="center">Inventory of Drainage Infrastructure</p>		
<p align="center">Appendix A</p>	<p align="center">Sector G25</p>	<p align="center">Page 37 of 119</p>

Inventory of Drainage Infrastructure

Appendix A

Sector G25

Page 37 of 119

NOTES:

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LEGEND

- | | | | | | |
|--|-----------|-----------------------------------|--------------|------------------------------------|-----------------|
| | Roadway | | | | |
| | Outfall | <u>Stormwater Conduits</u> | Assumed | <u>Stormwater Junctions</u> | Inaccessible |
| | Tide Gate | Type | | Type | |
| | | Pipe | Inaccessible | | Level of Damage |
| | | Ditch | | Assumed Junction | Major |
| | | Level of Blockage | | | Minor |
| | | >50% Clogged | | Inlet | |
| | | 25-50% Clogged | | | |
| | | Level of Damage | | Level of Blockage | |
| | | Major | | >50% Clogged | |
| | | Minor | | 25-50% Clogged | |



A horizontal number line representing distance in feet. The line is marked with 0, 50, 100, and 200. A white rectangular bar is drawn above the line, starting at the 50-foot mark and ending at the 100-foot mark.



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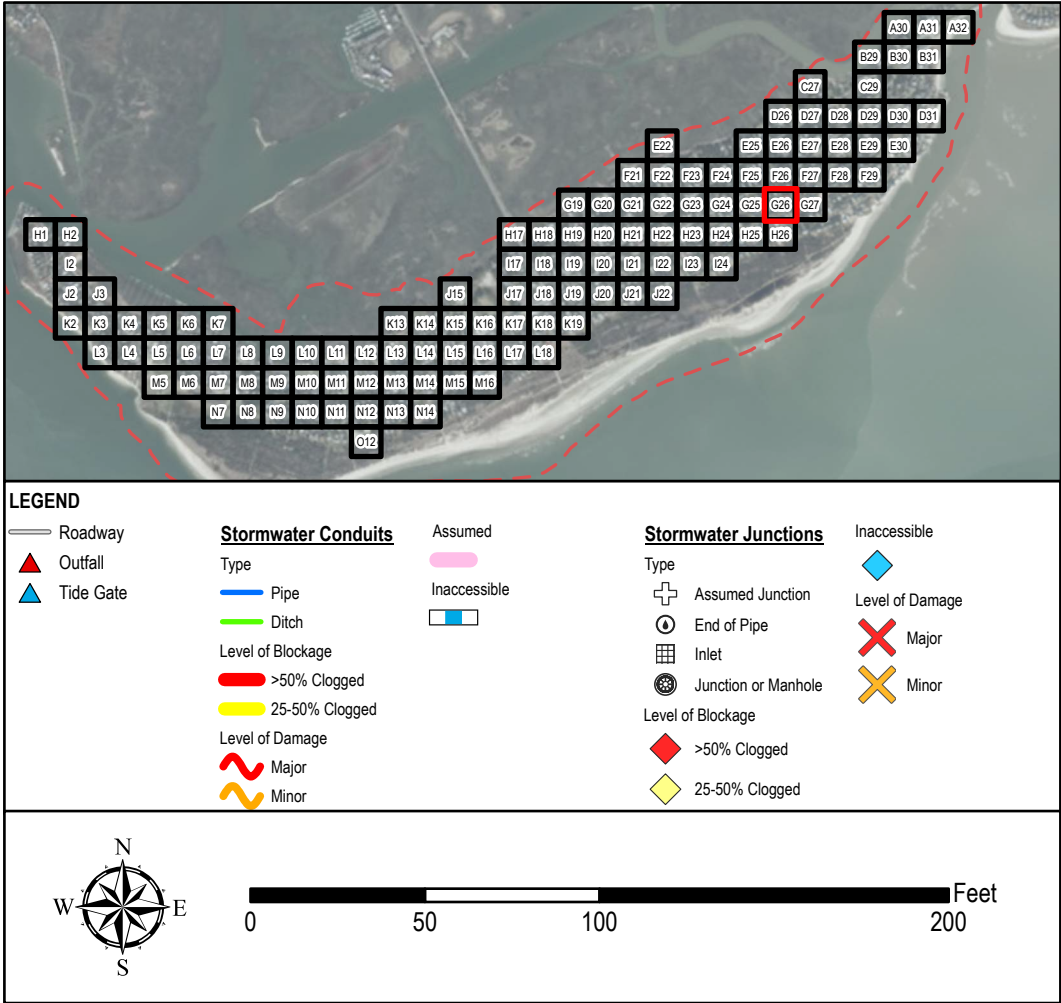
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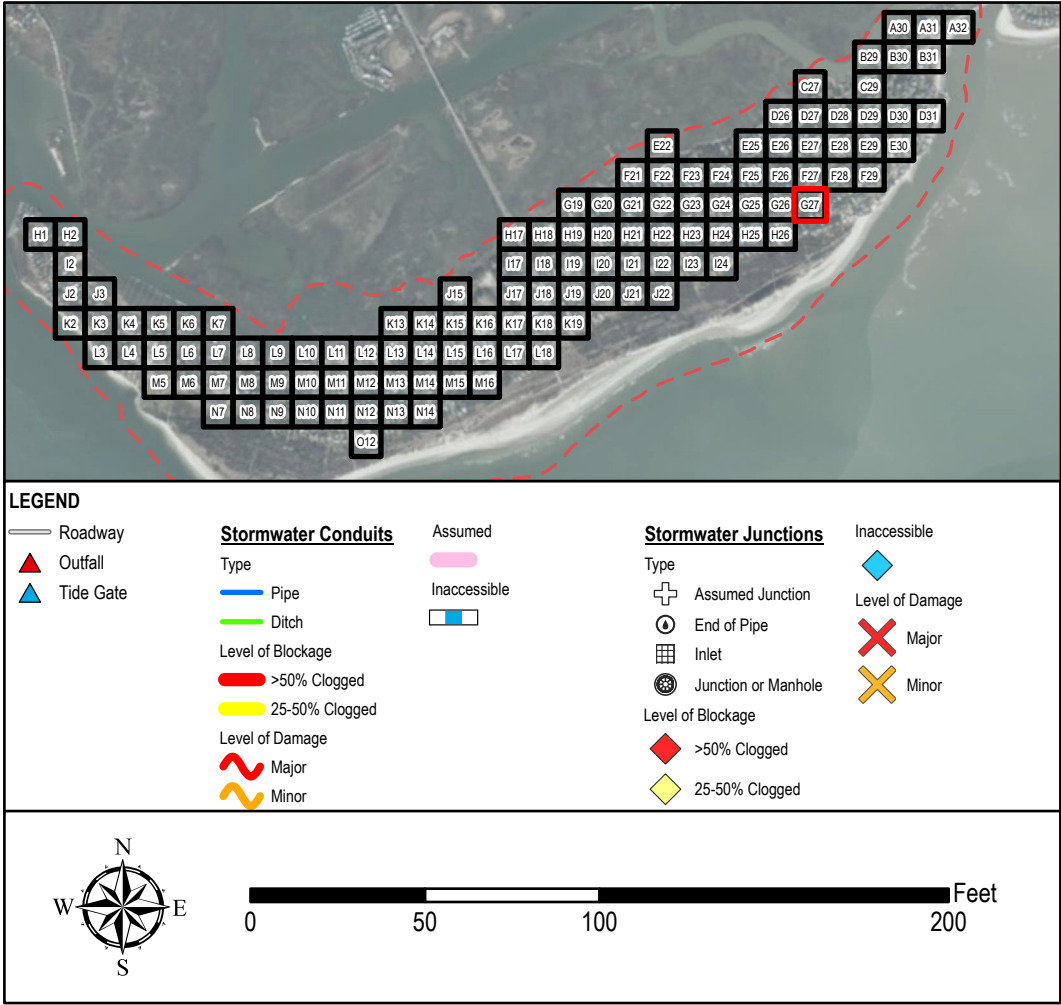
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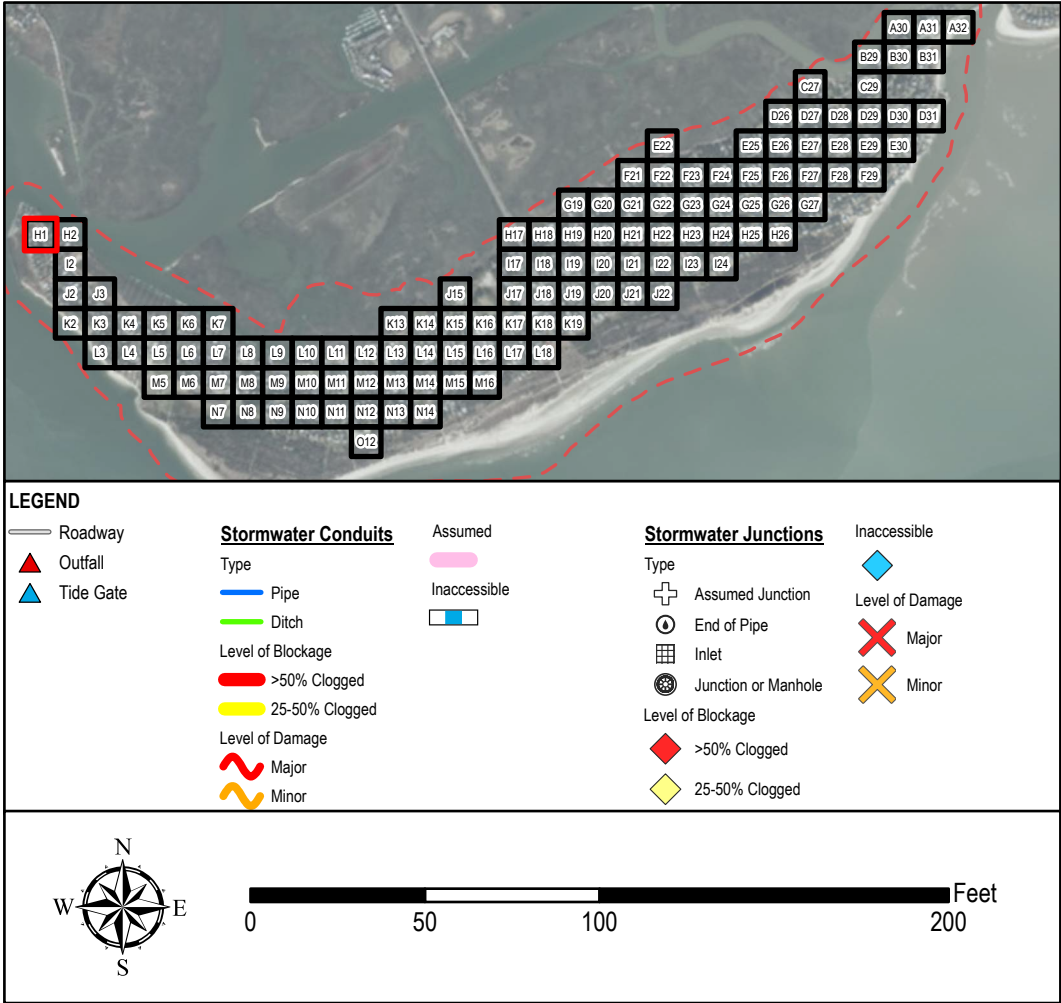
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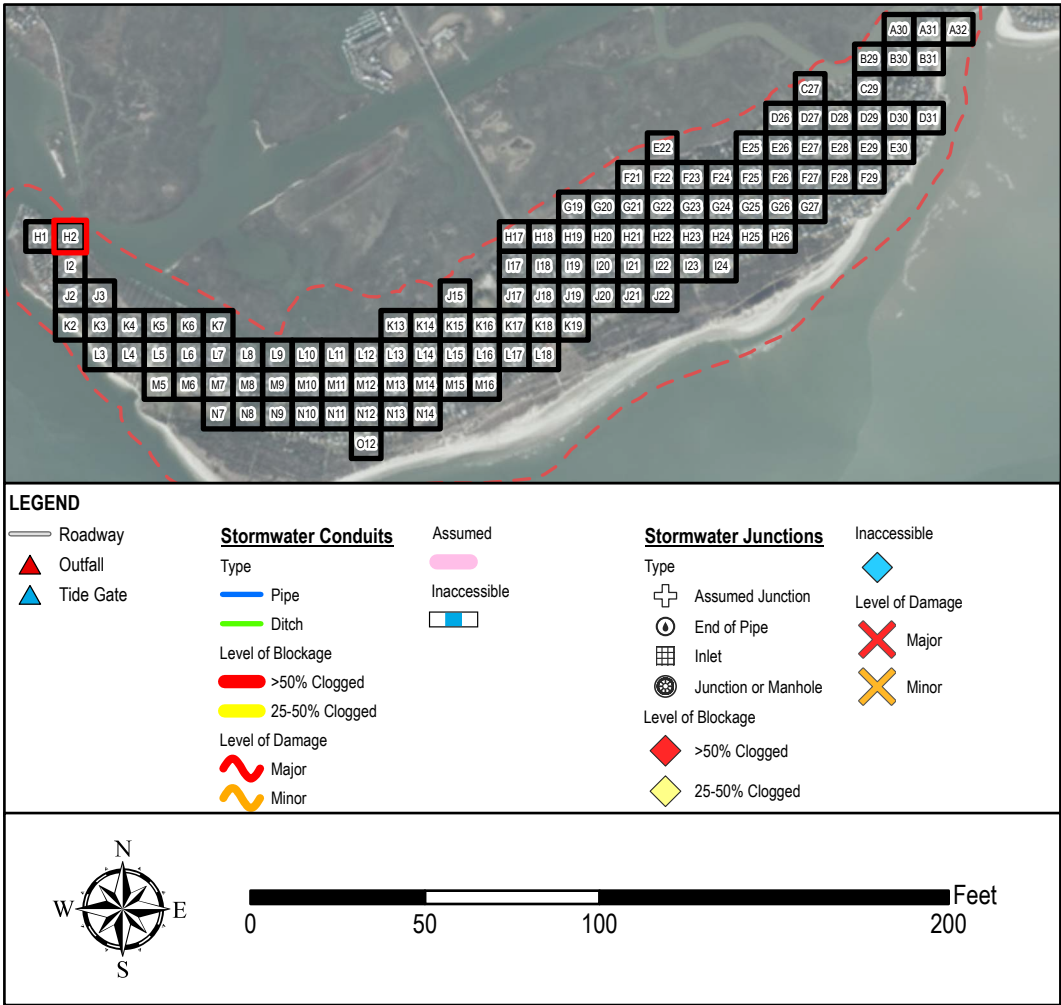
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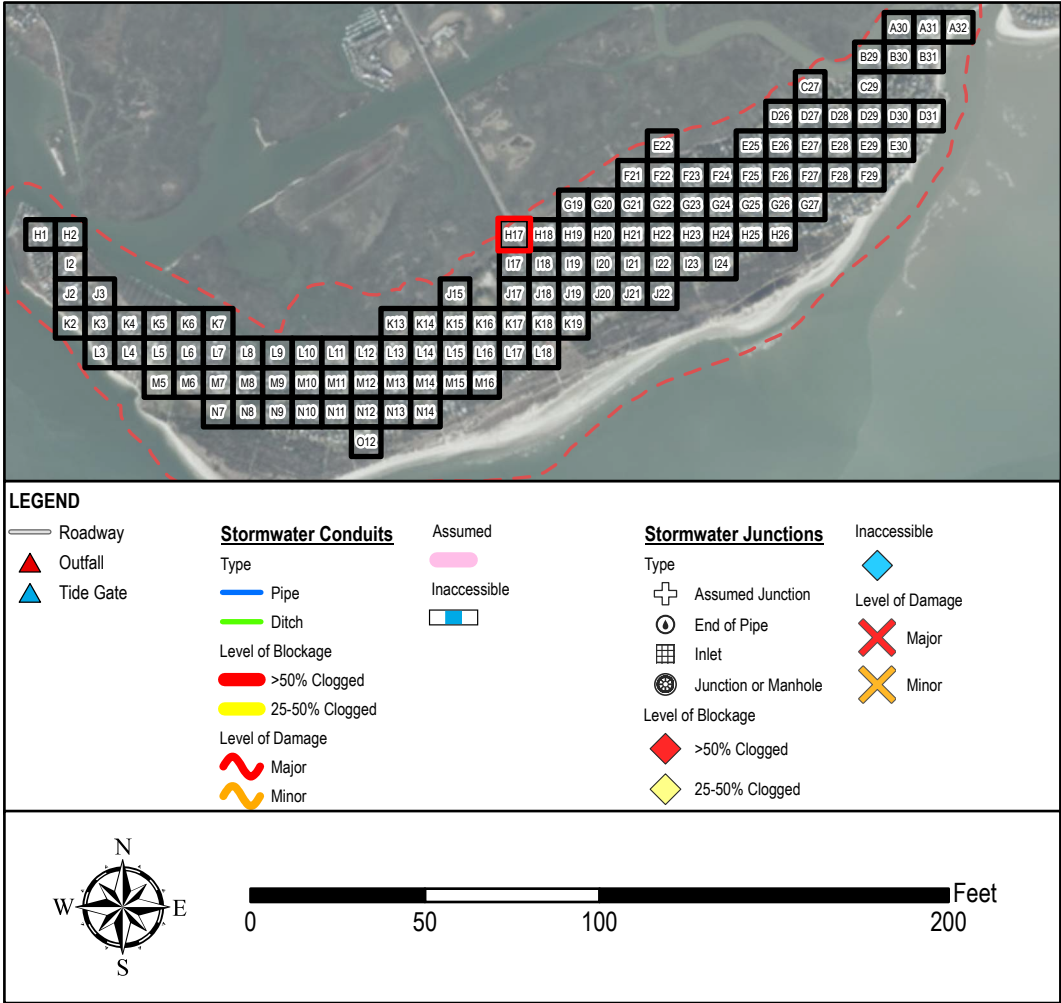
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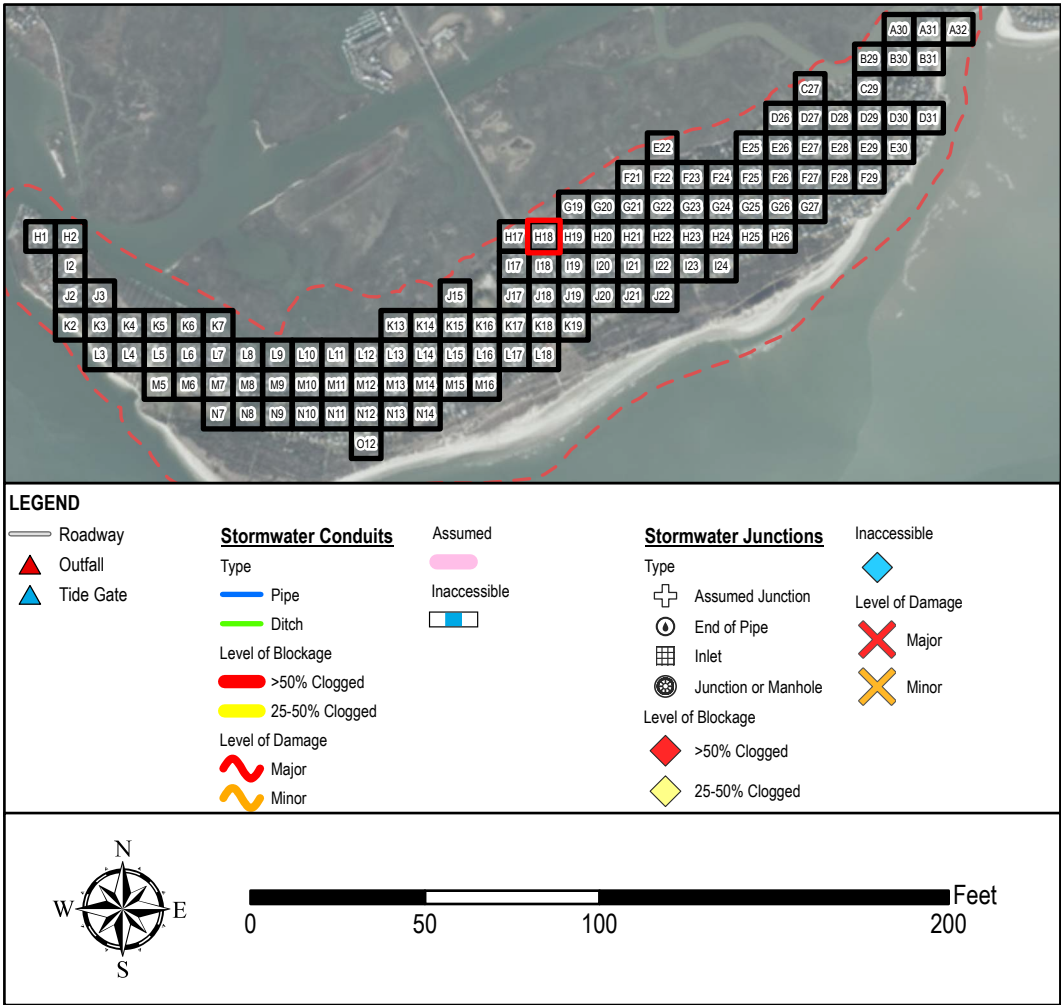
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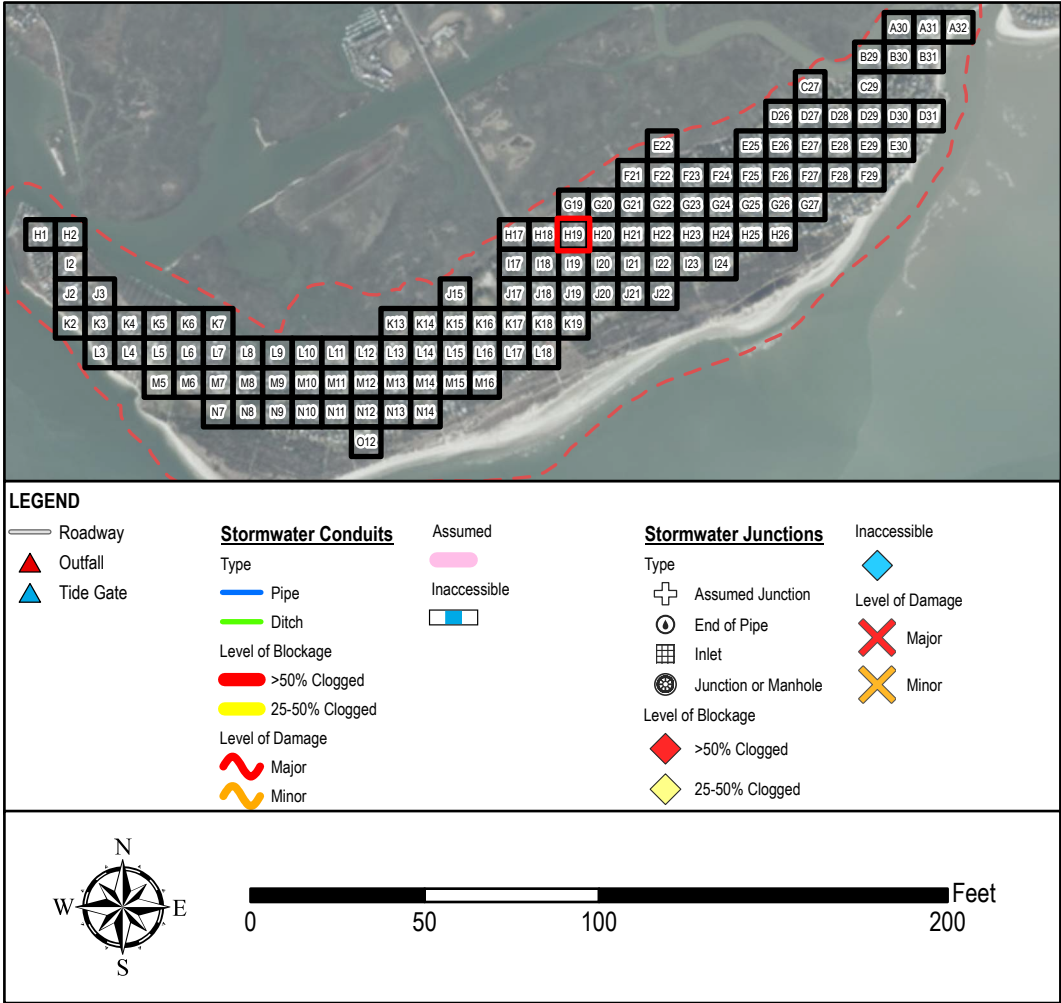
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ERCP for elliptical reinforced concrete pipe

HDPE for high density polyethylene pipe

Cast Iron for cast iron pipe

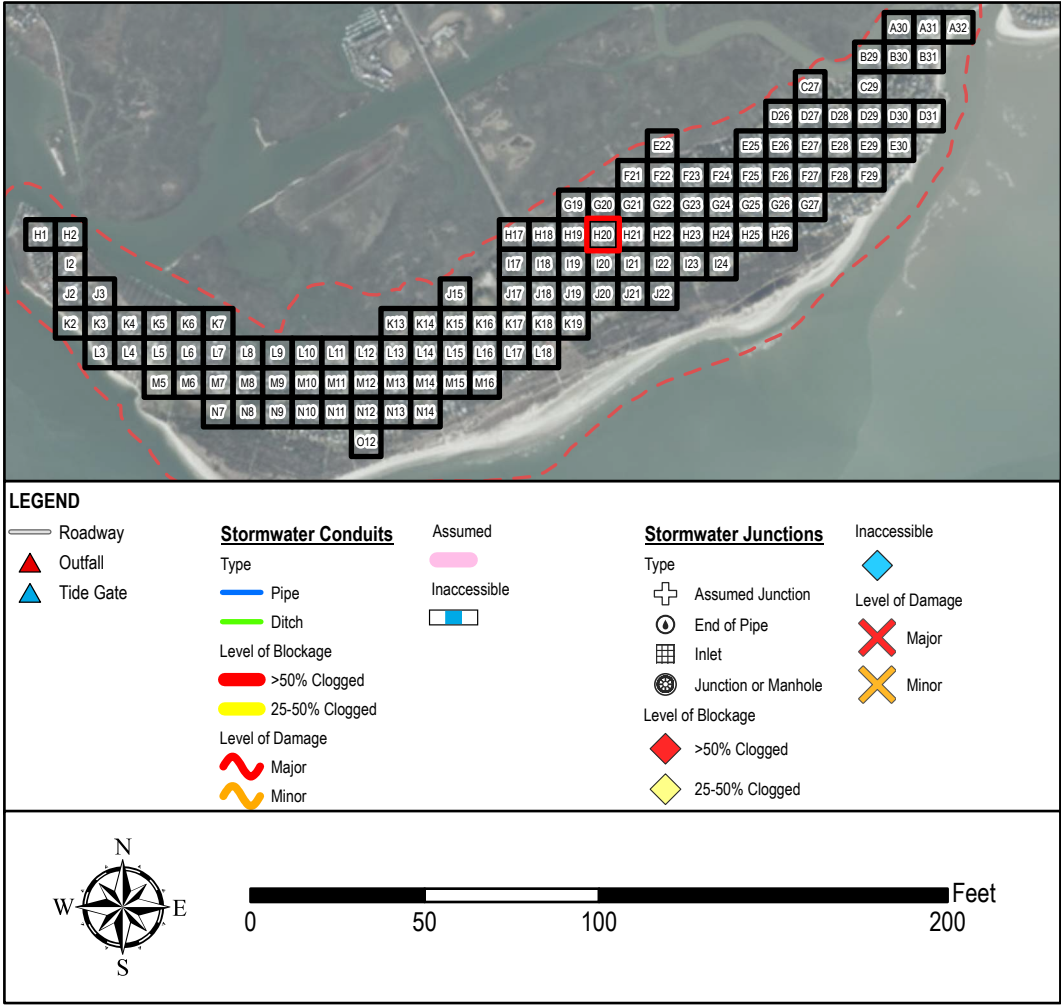
Unk for unknown material

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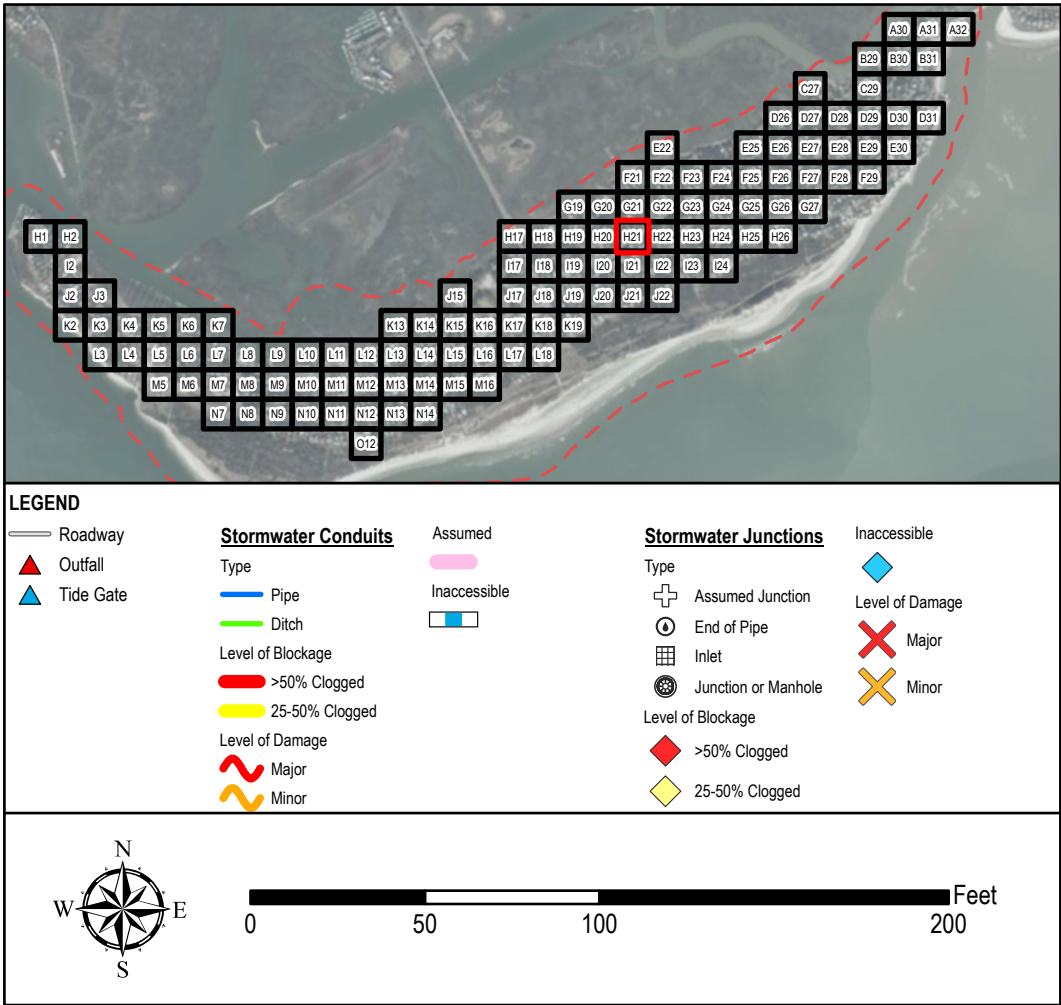
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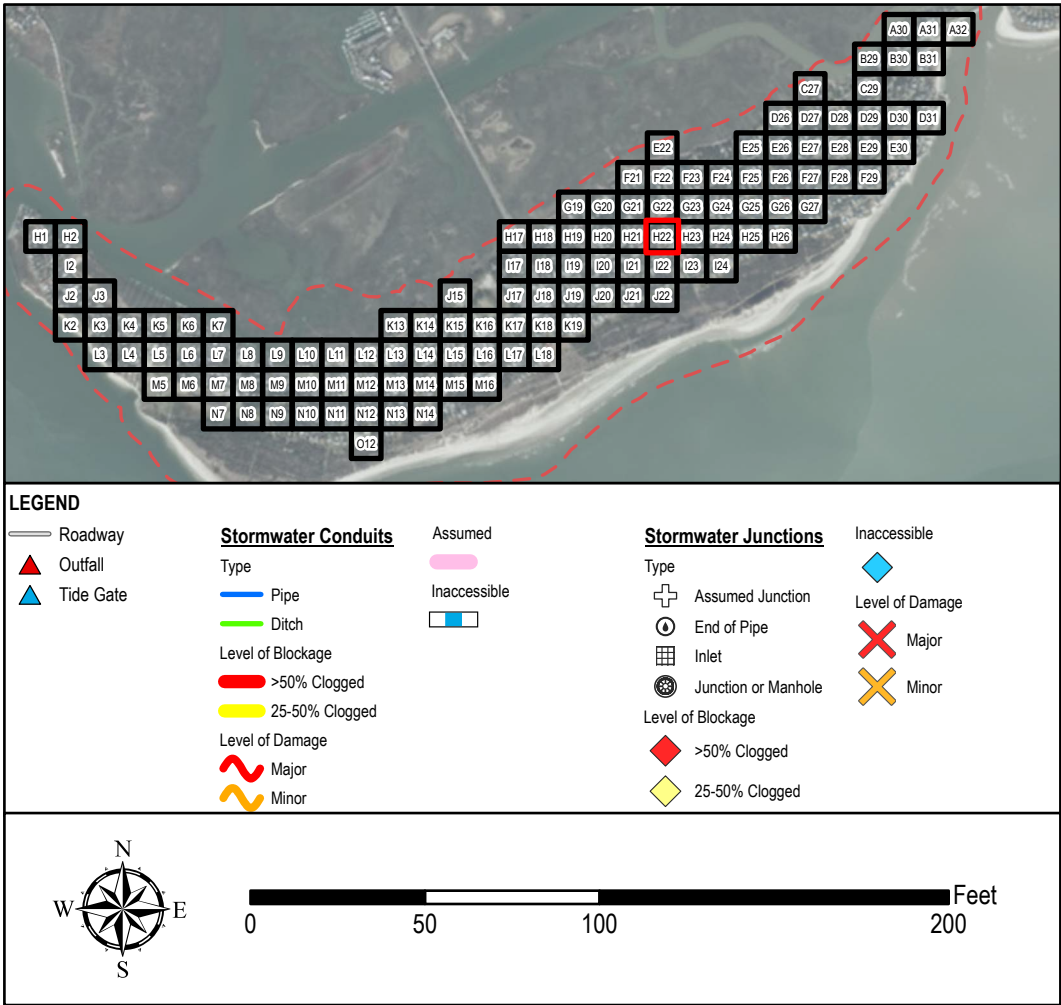
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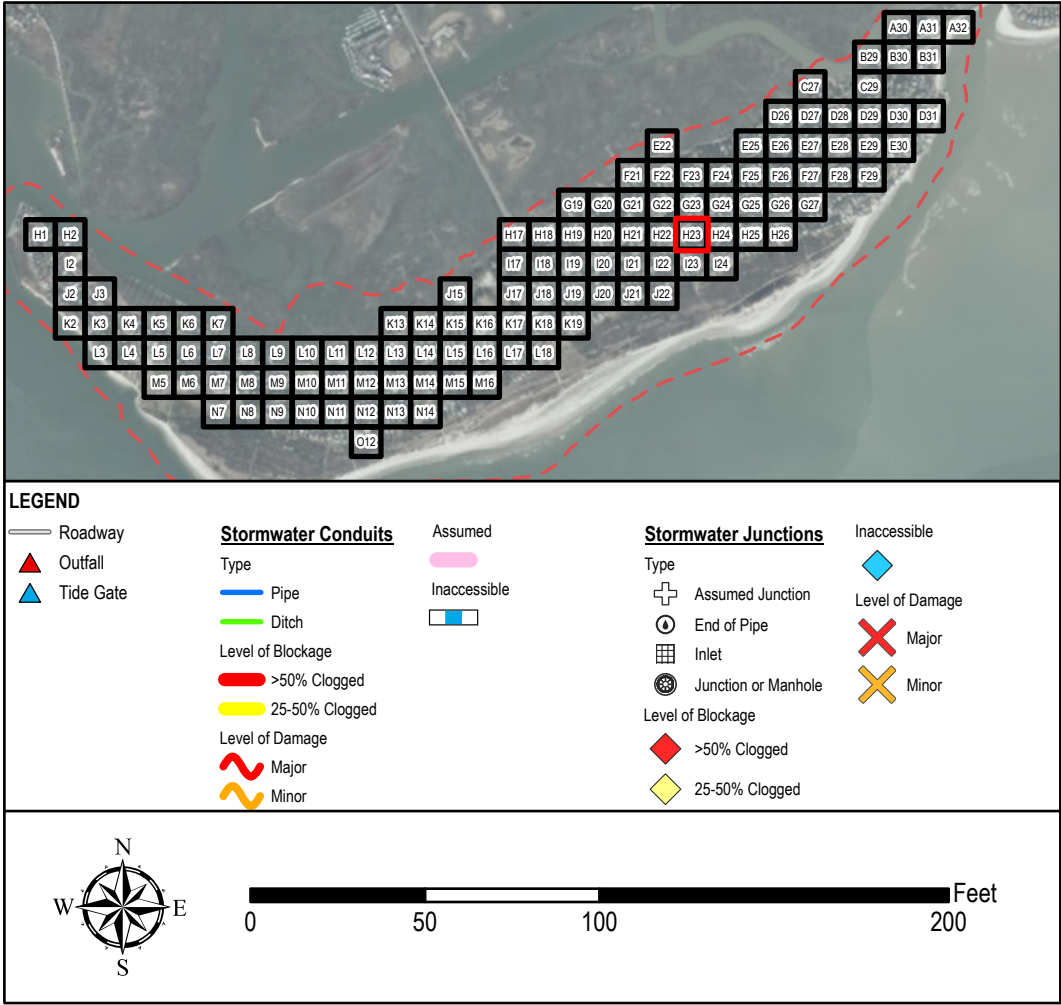
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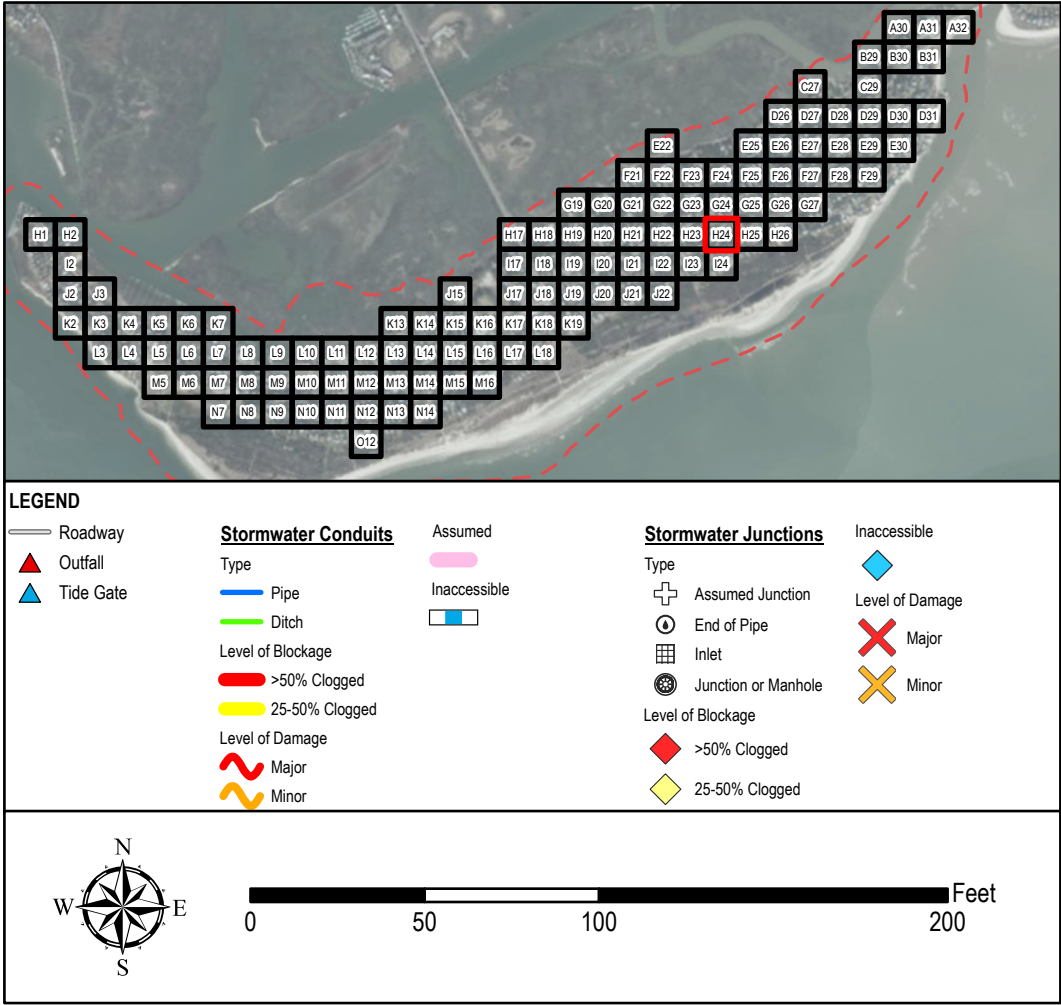
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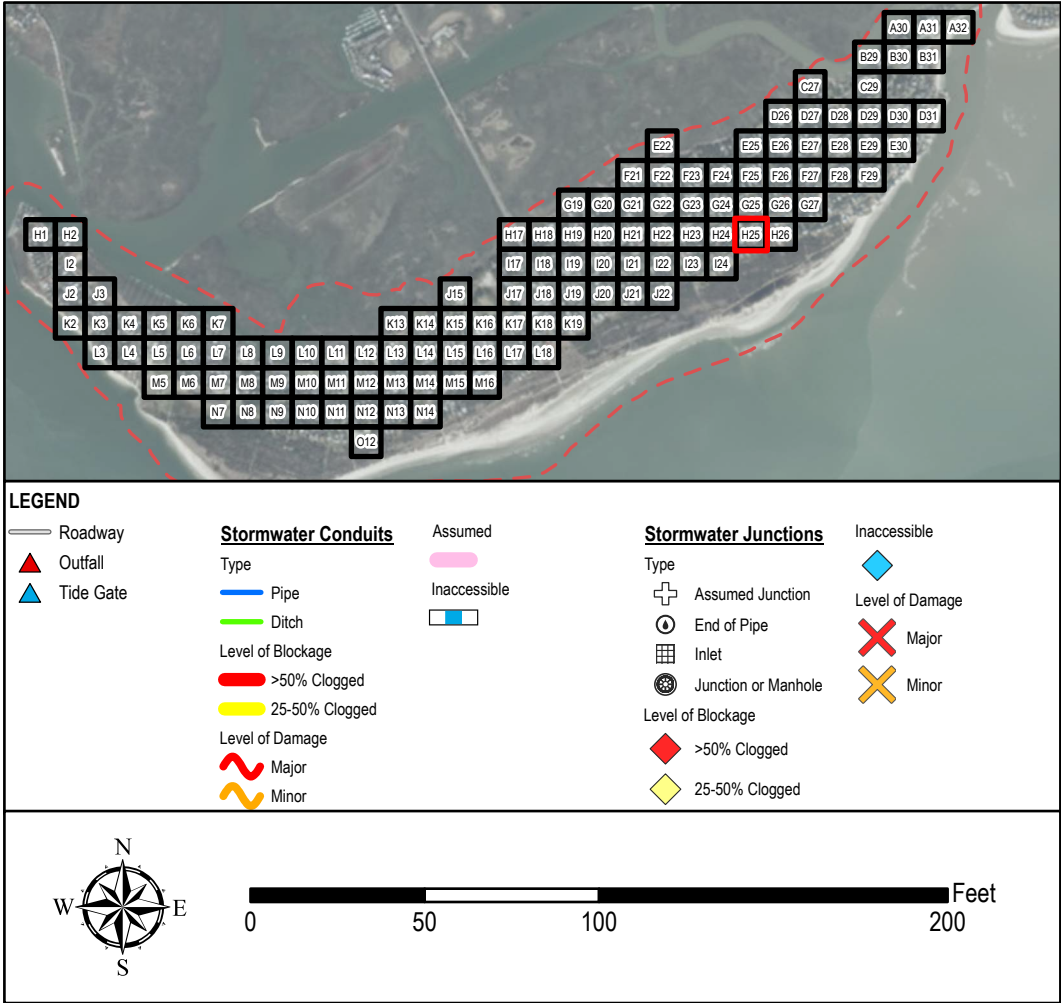
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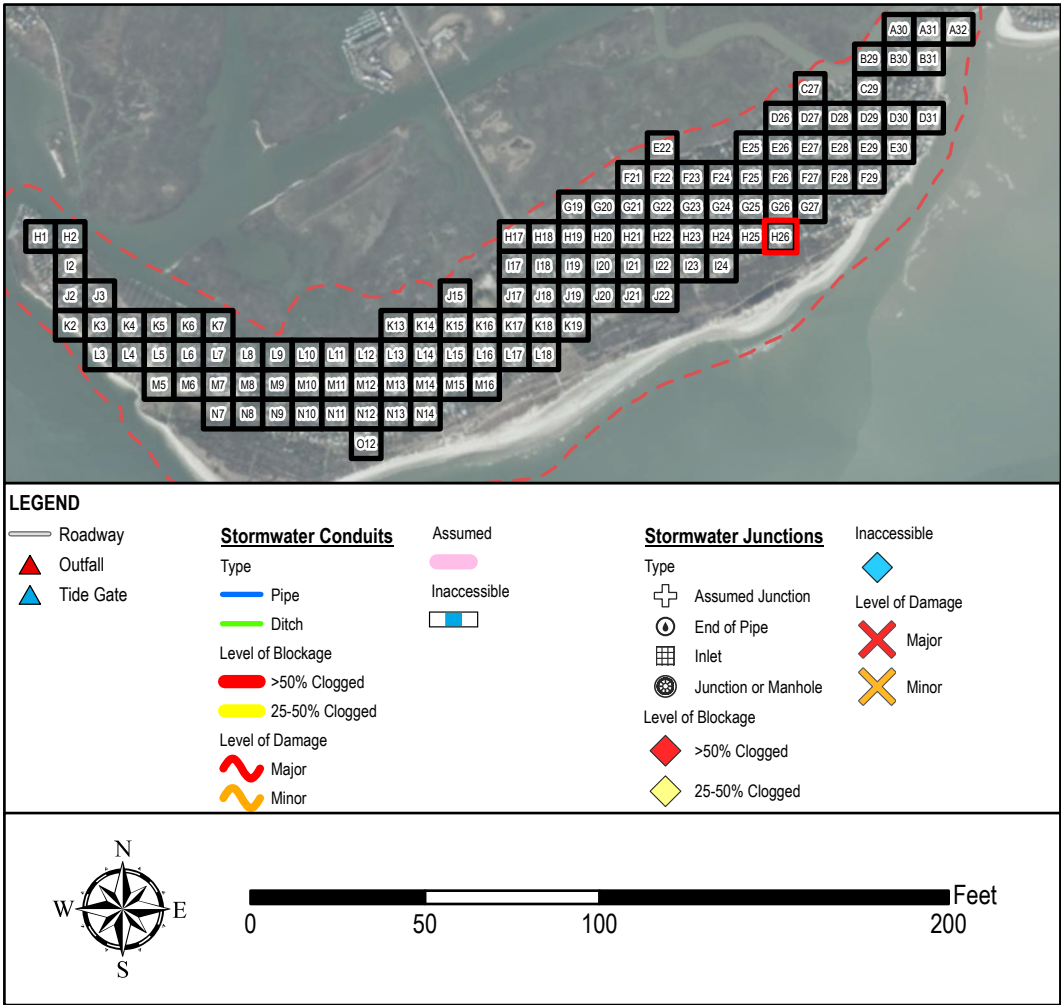
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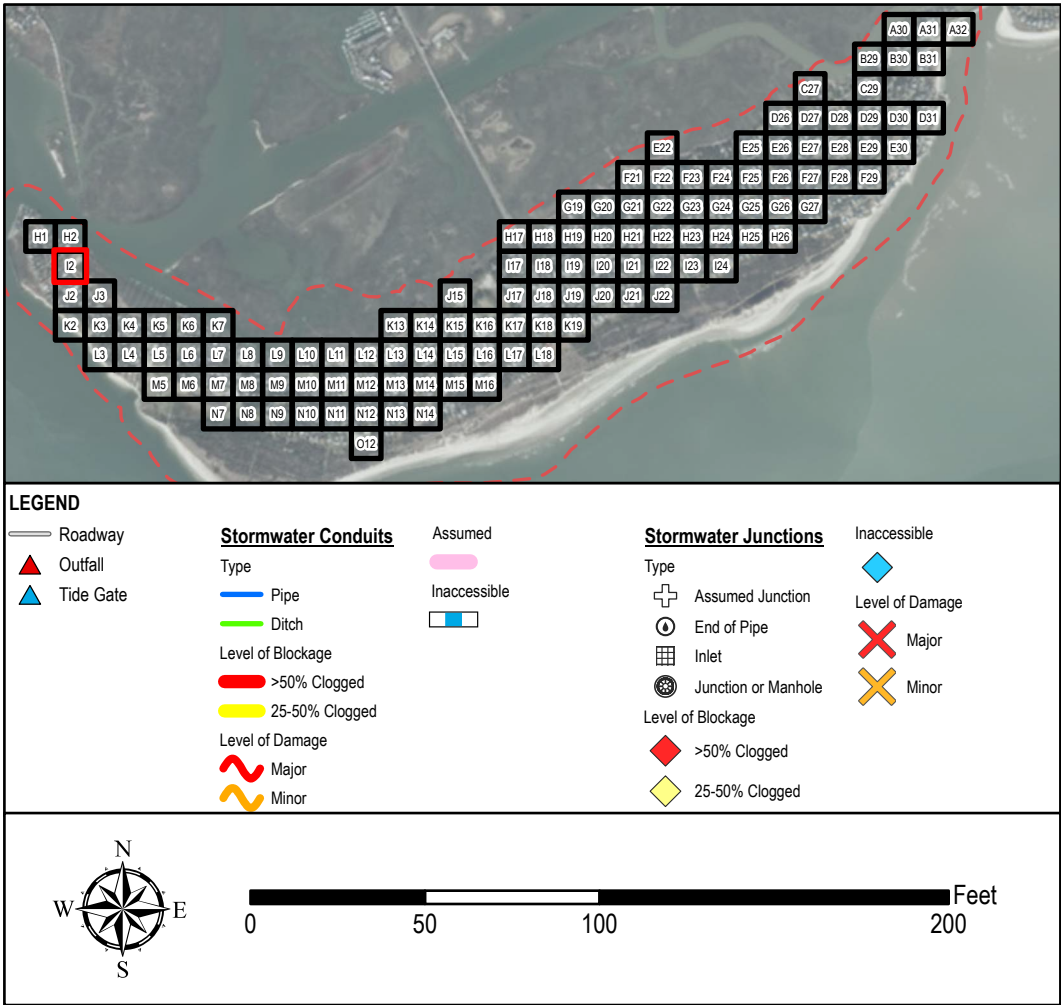
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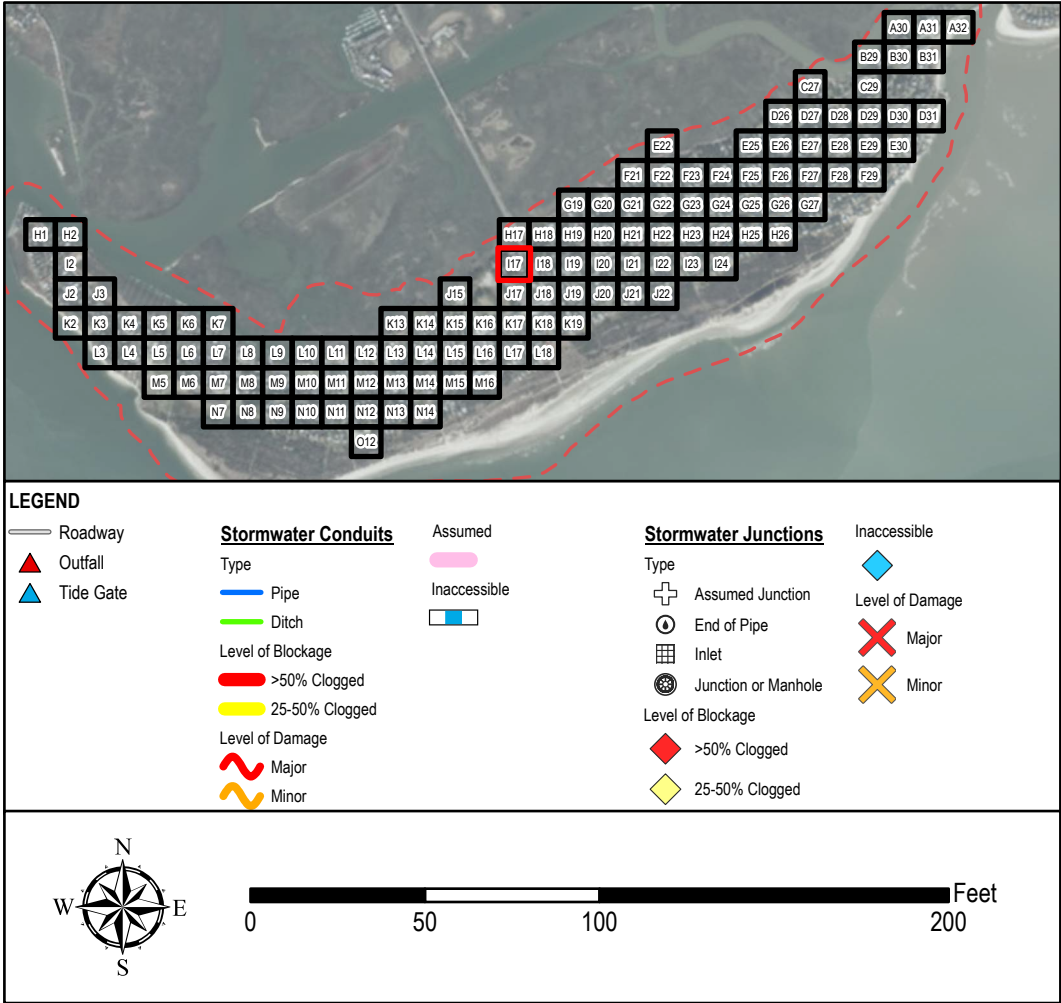
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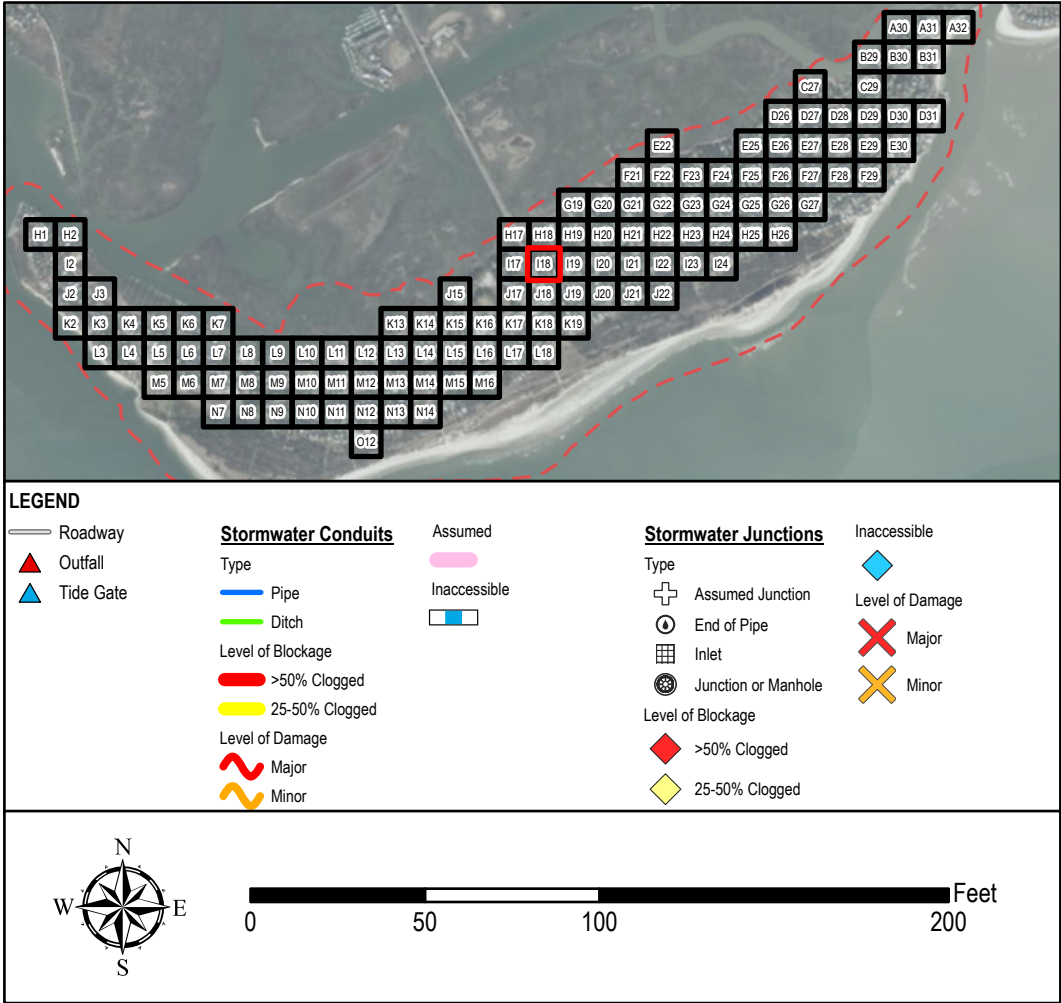
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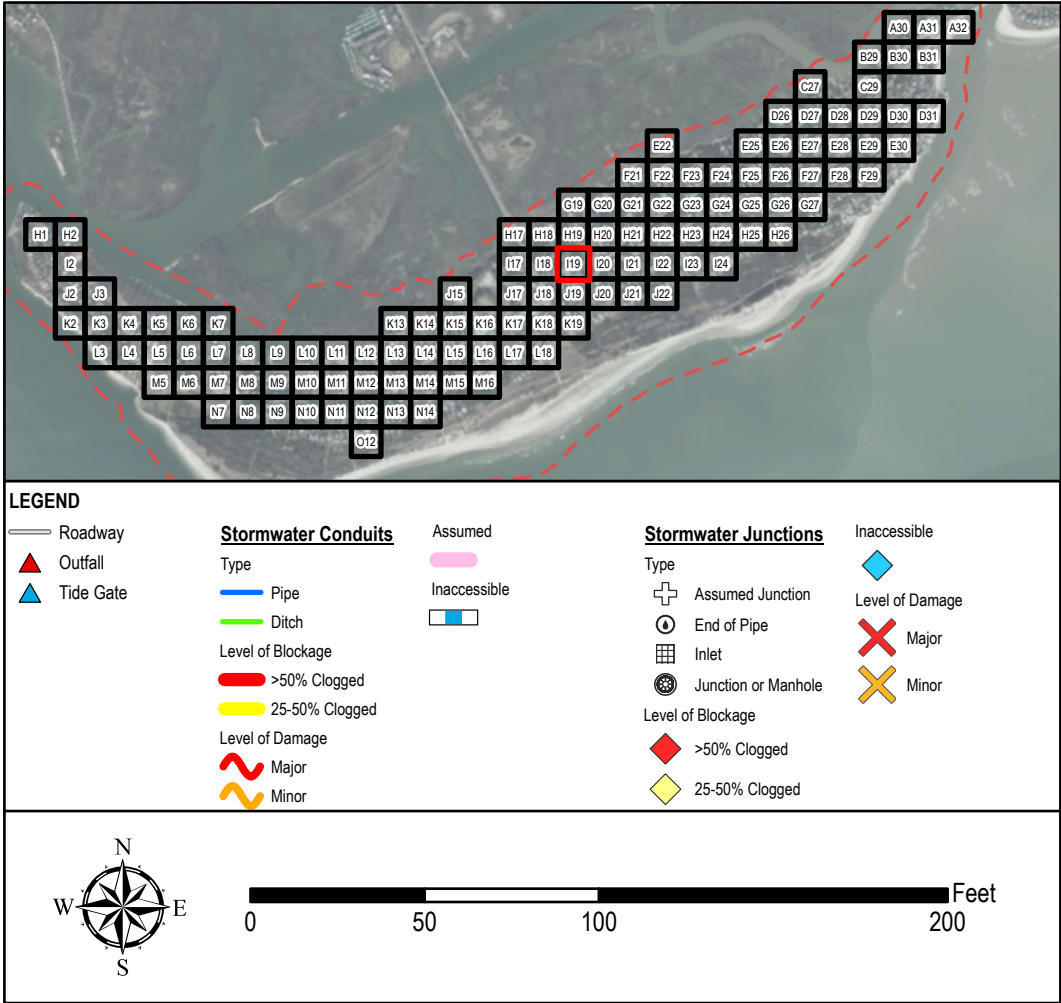
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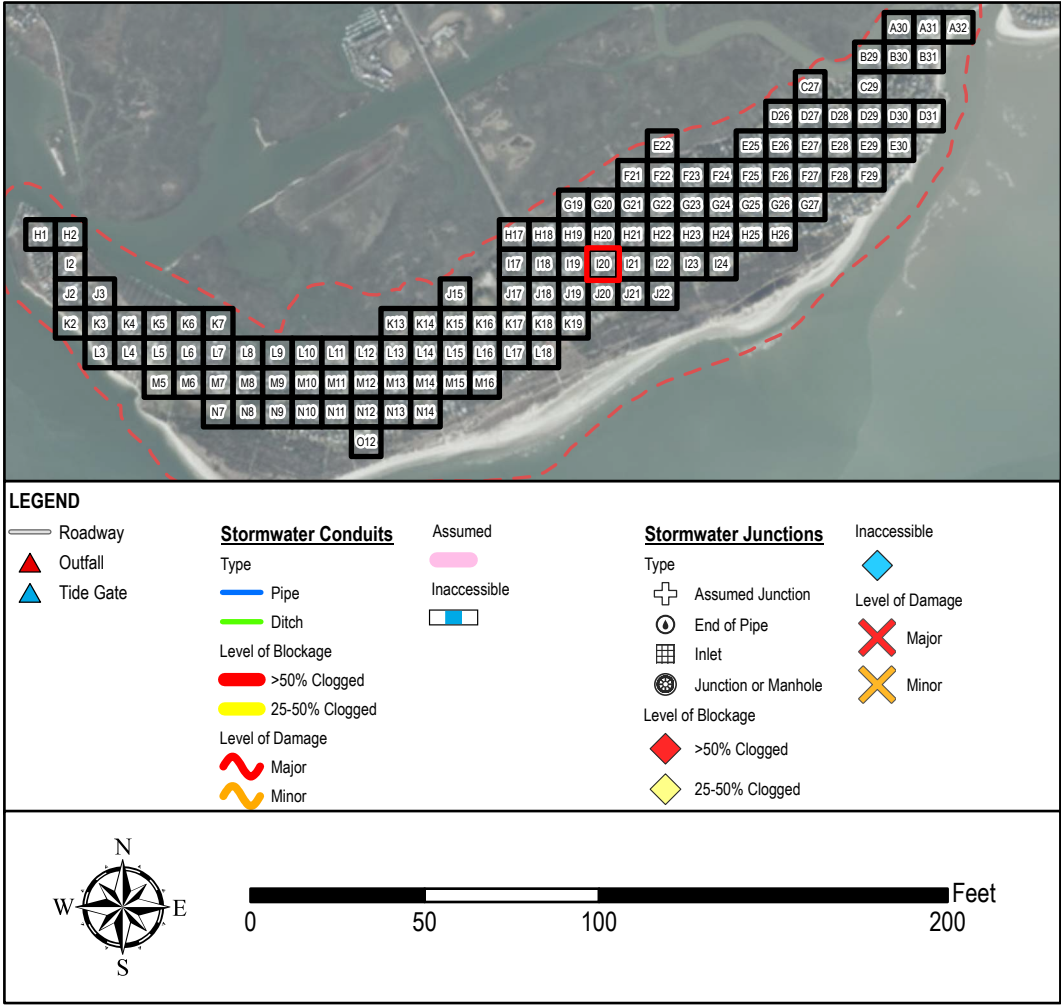
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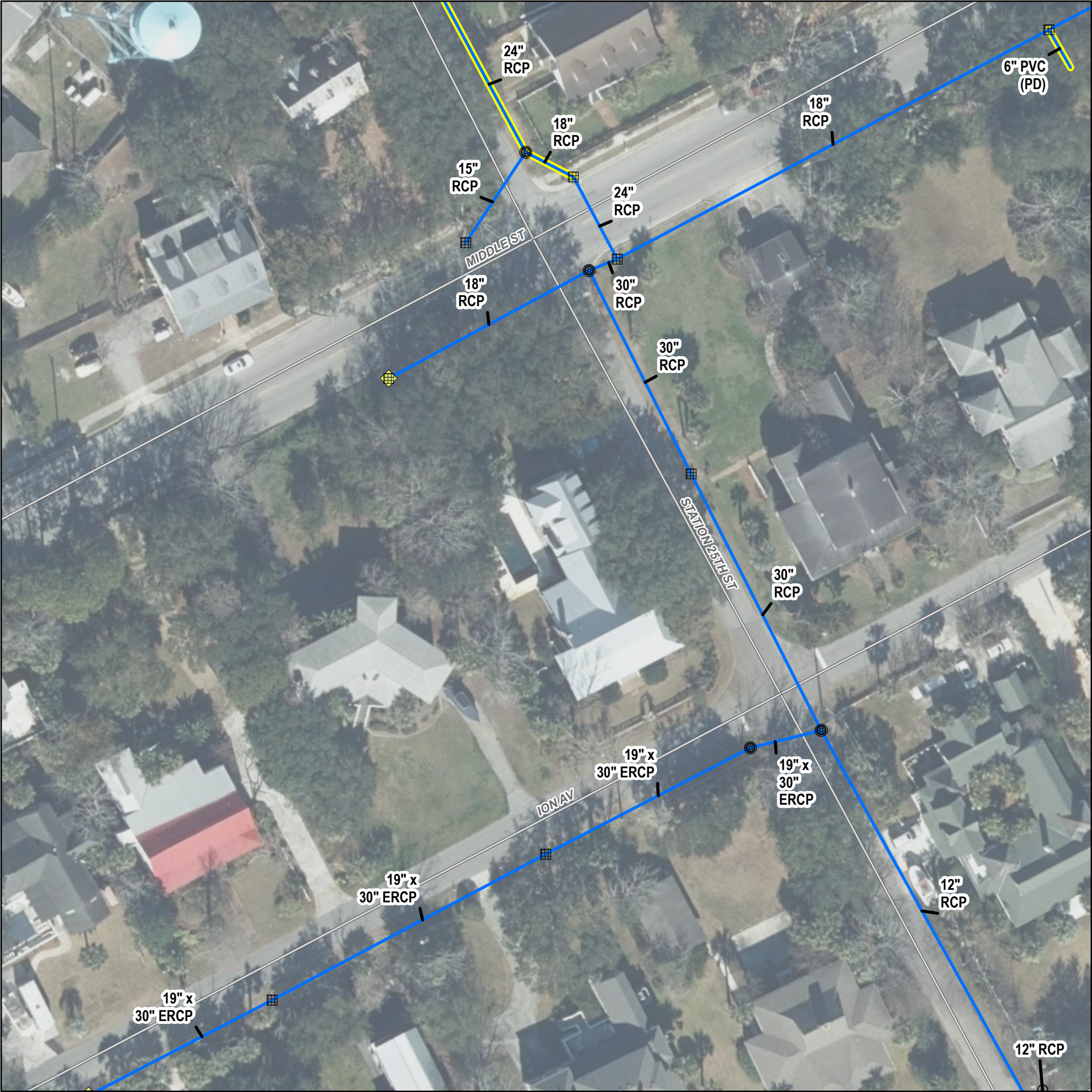
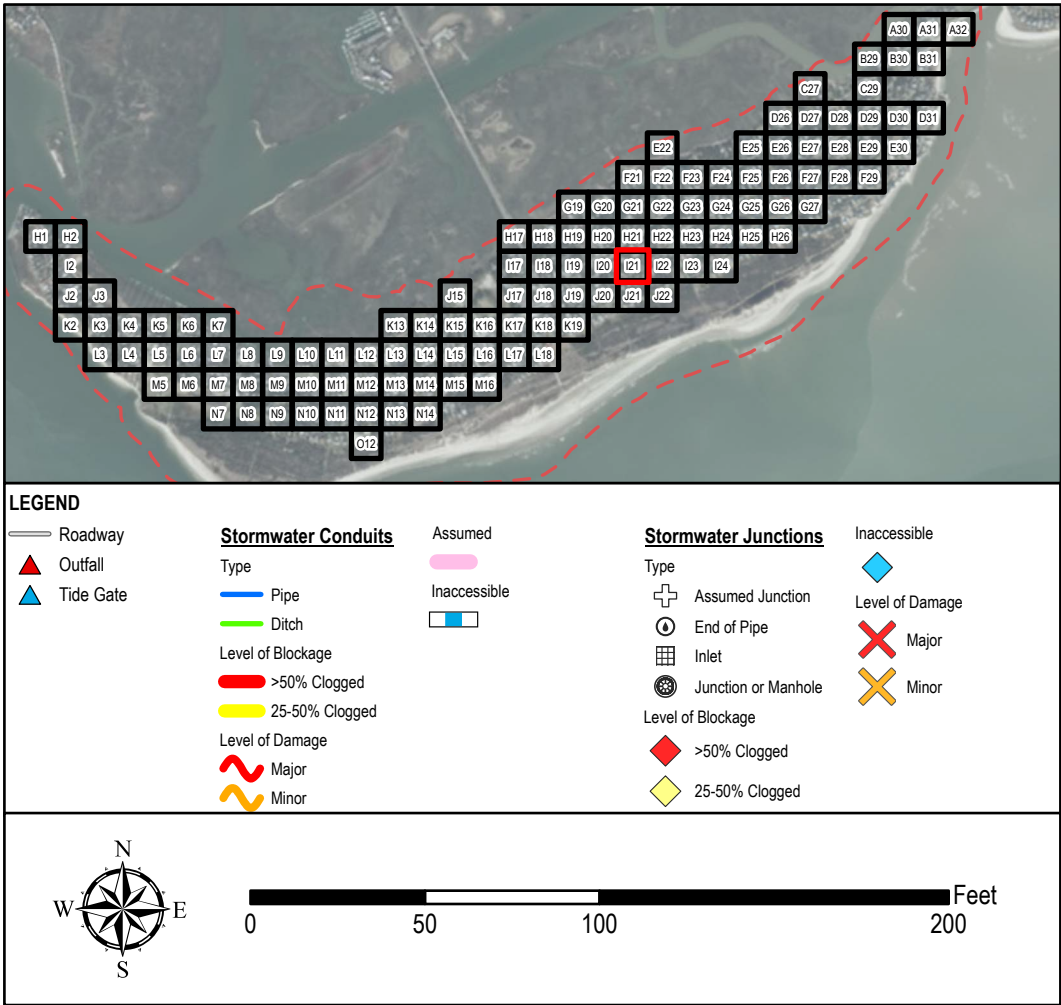
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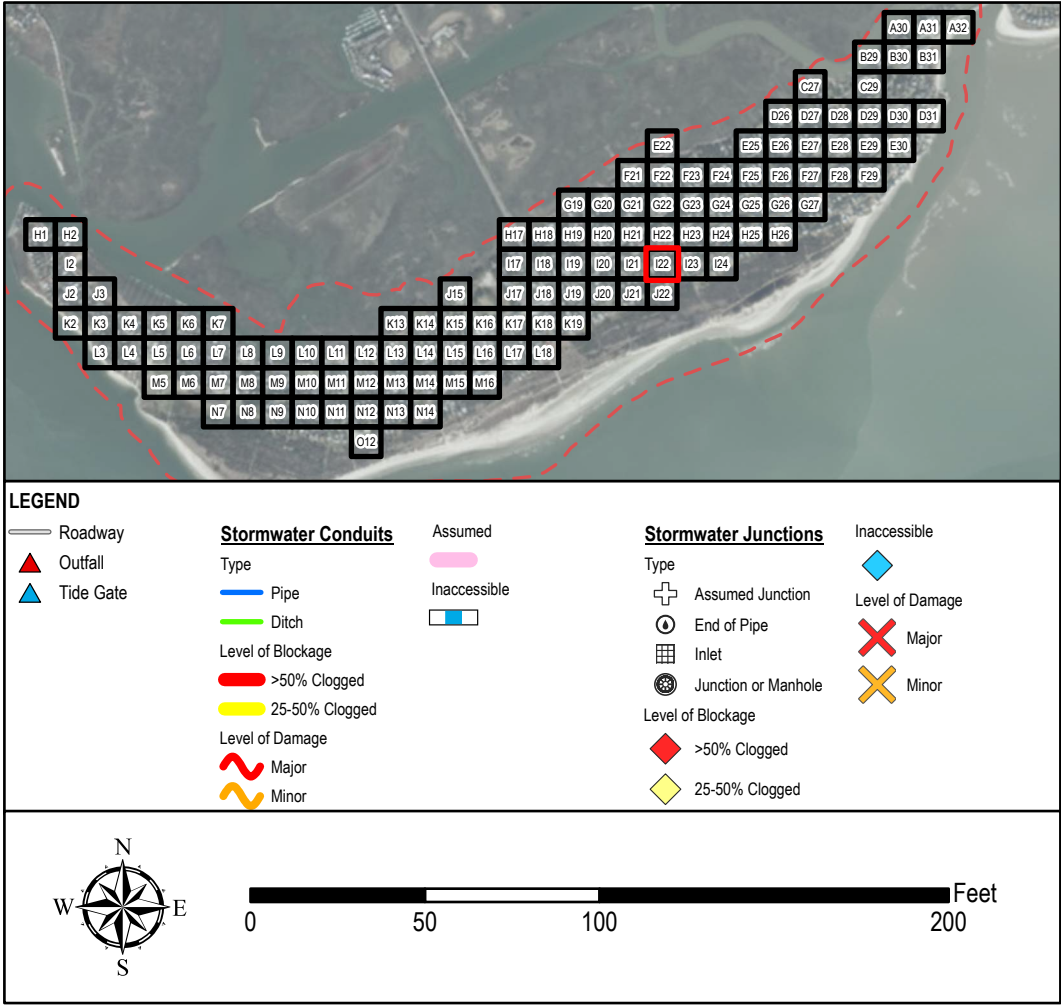
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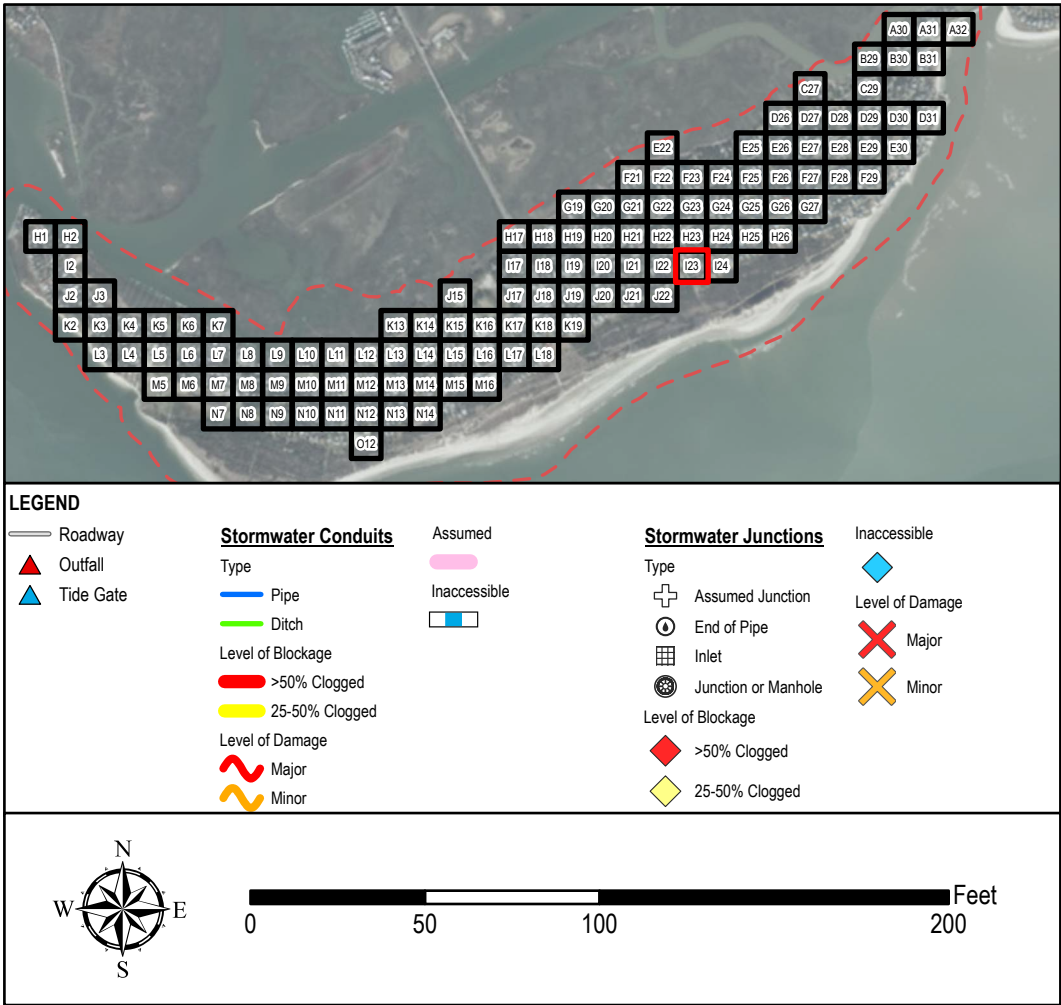
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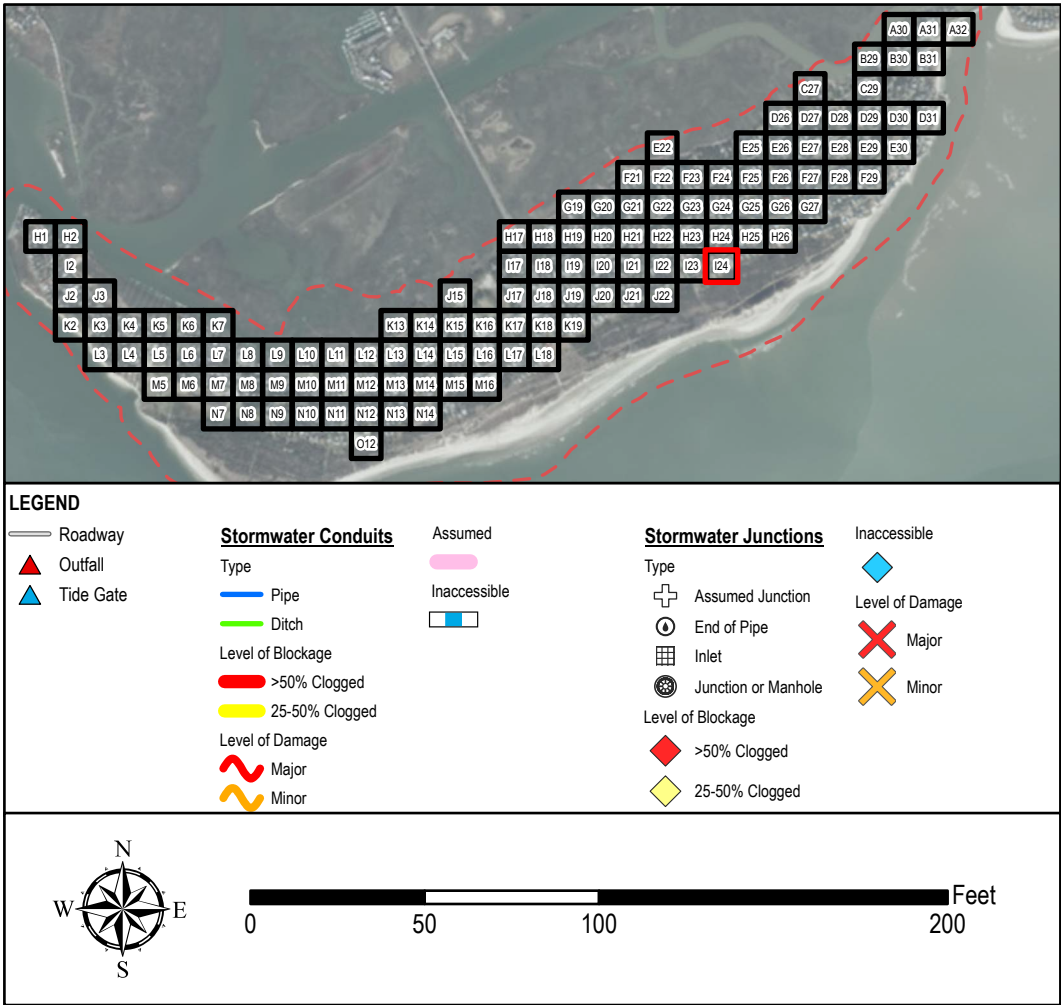
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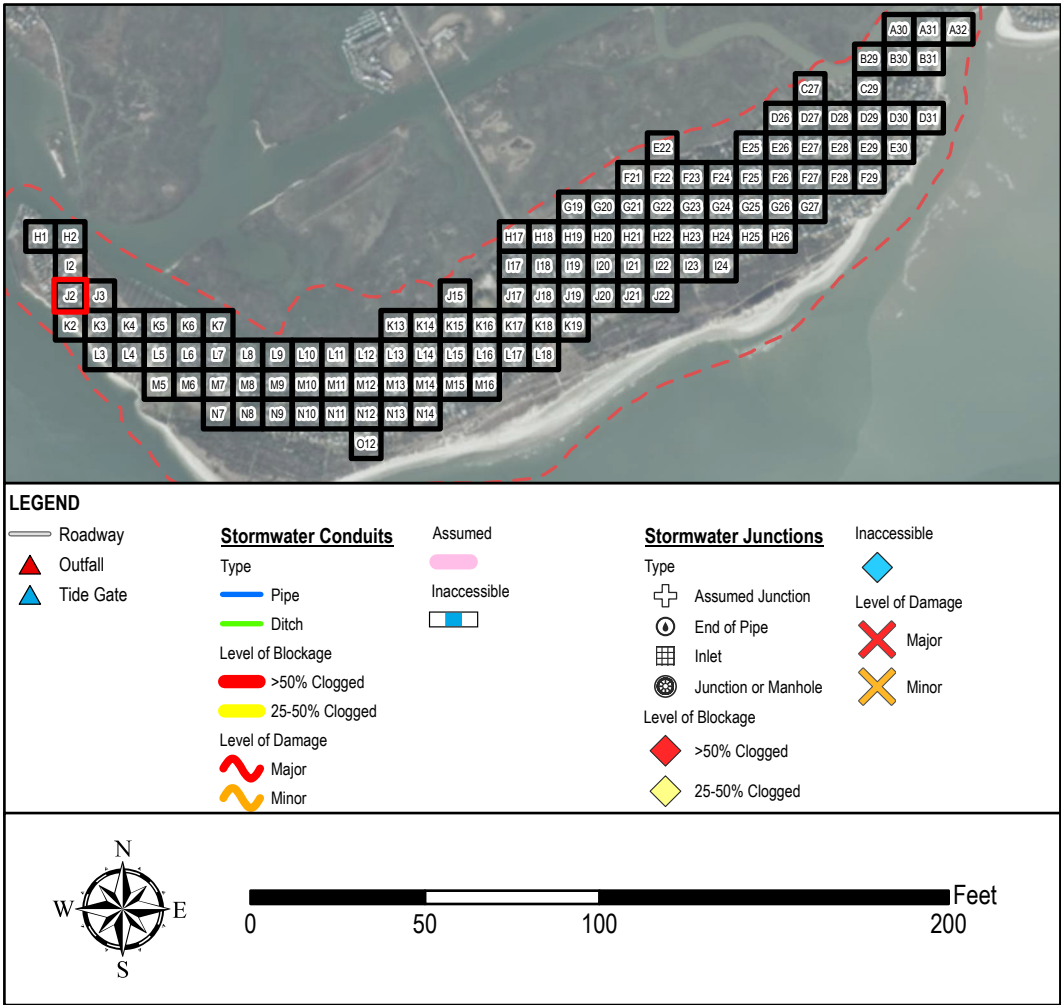
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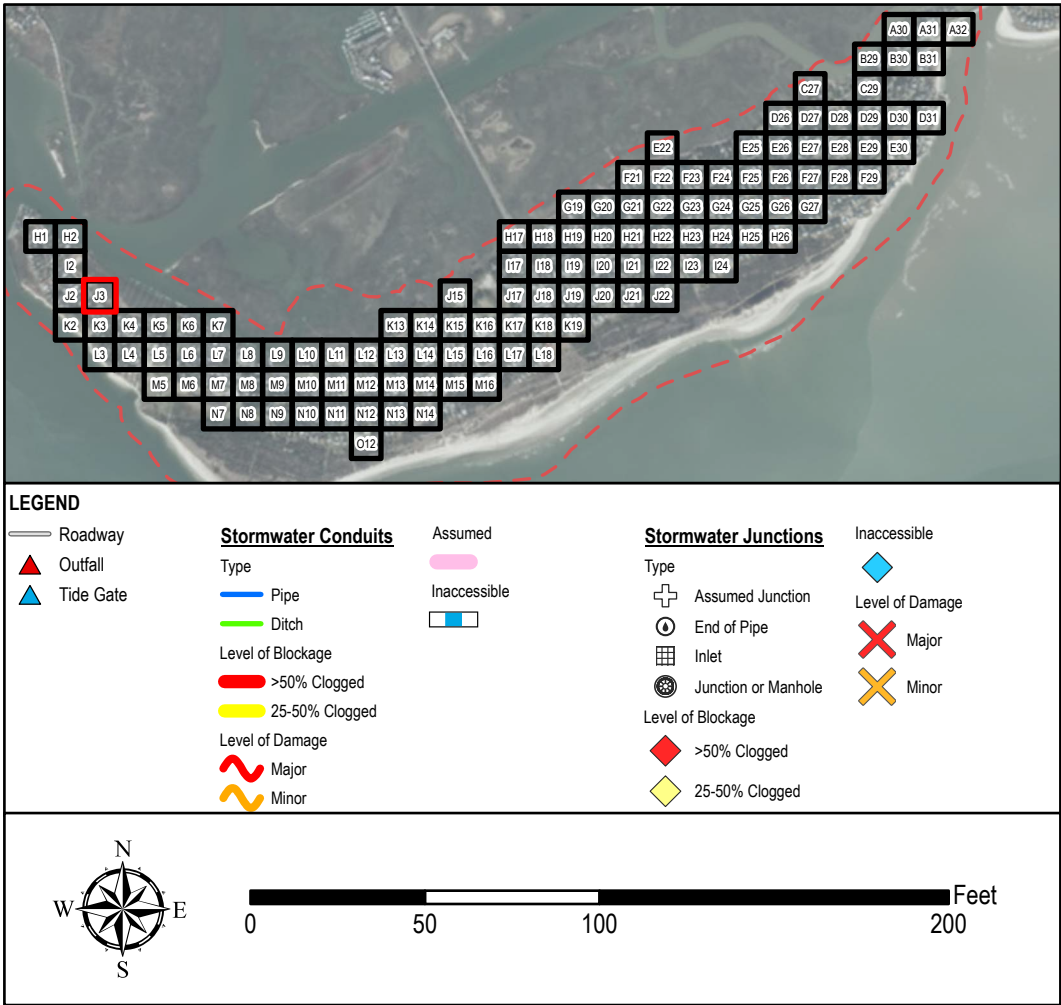
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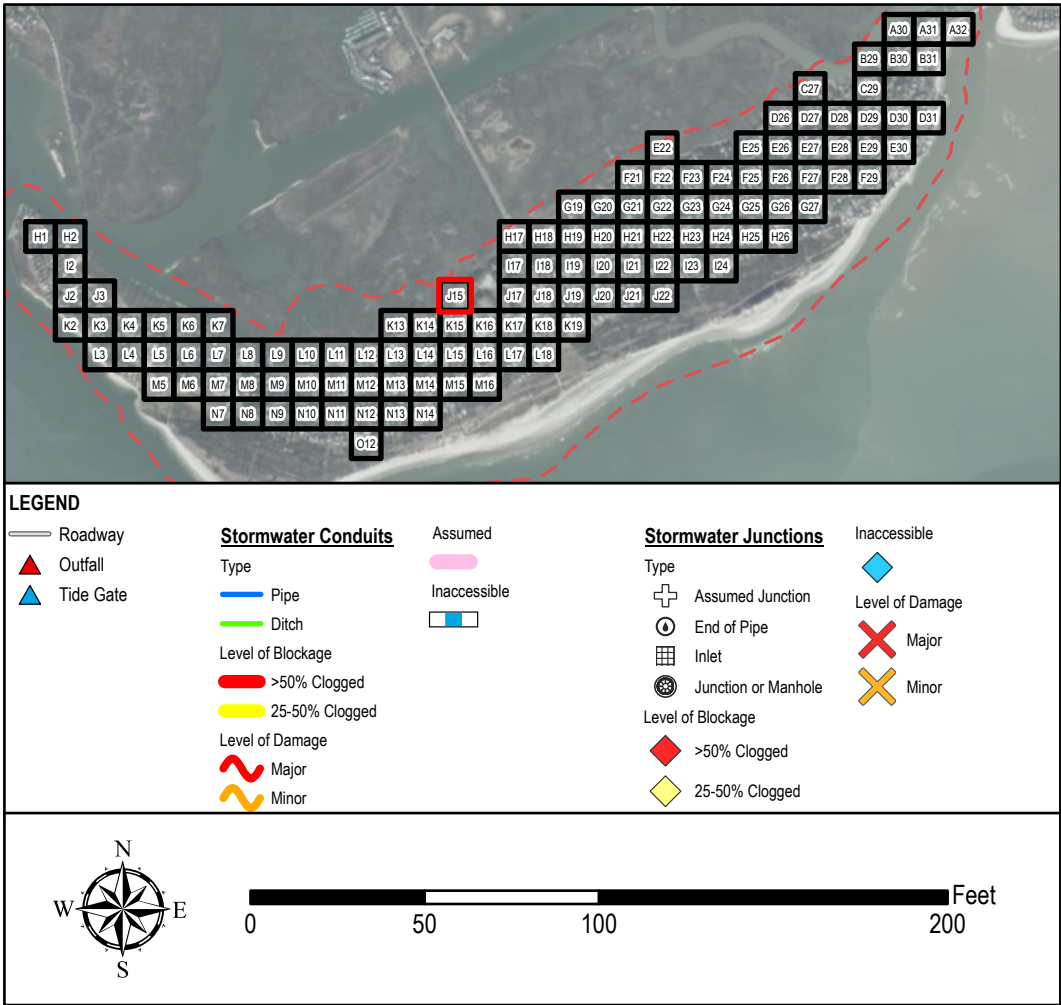
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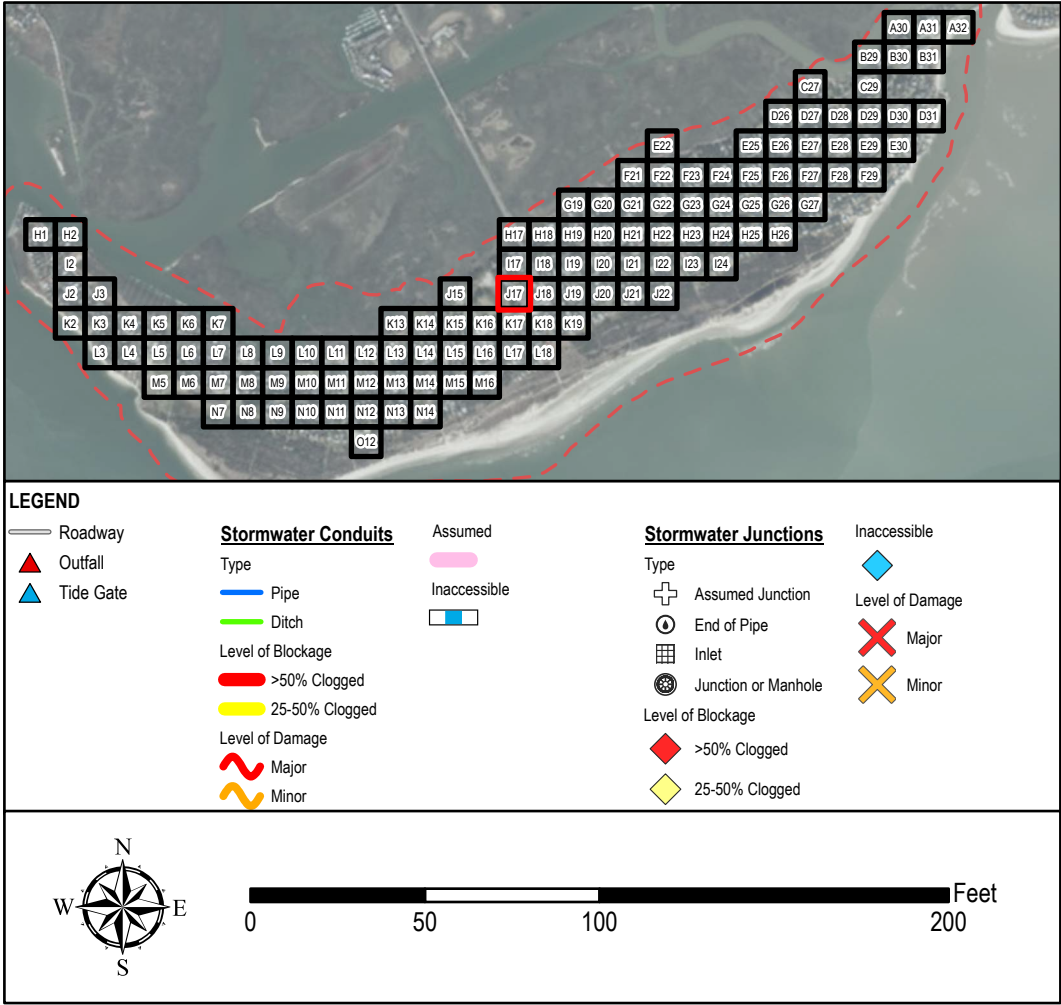
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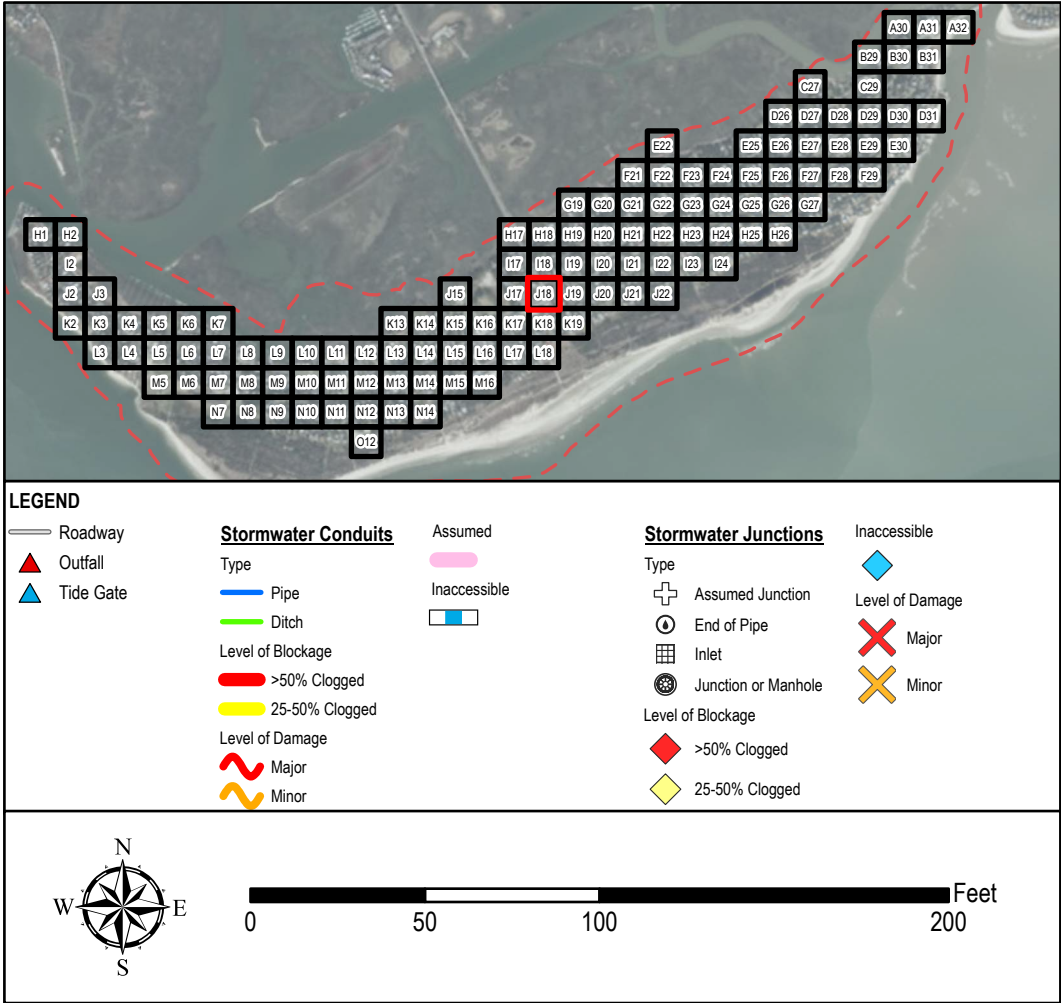
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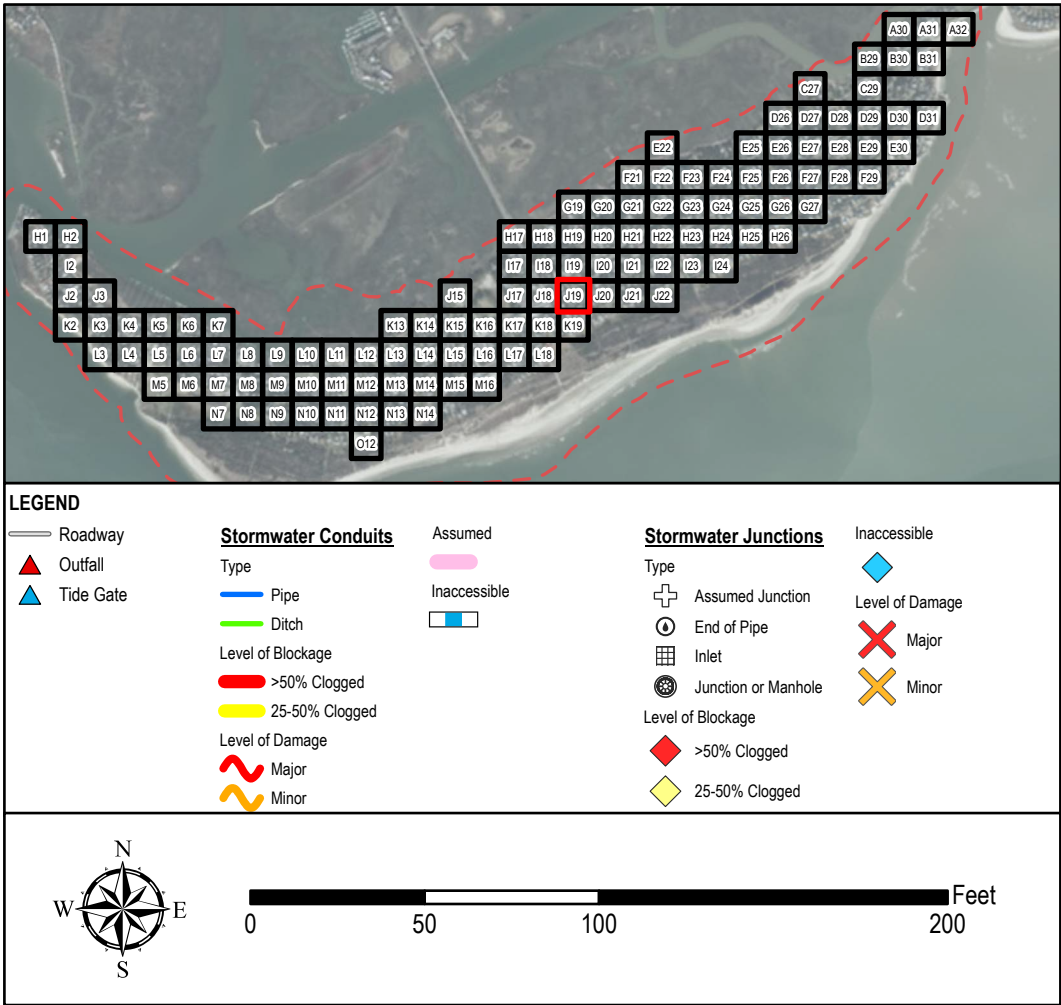
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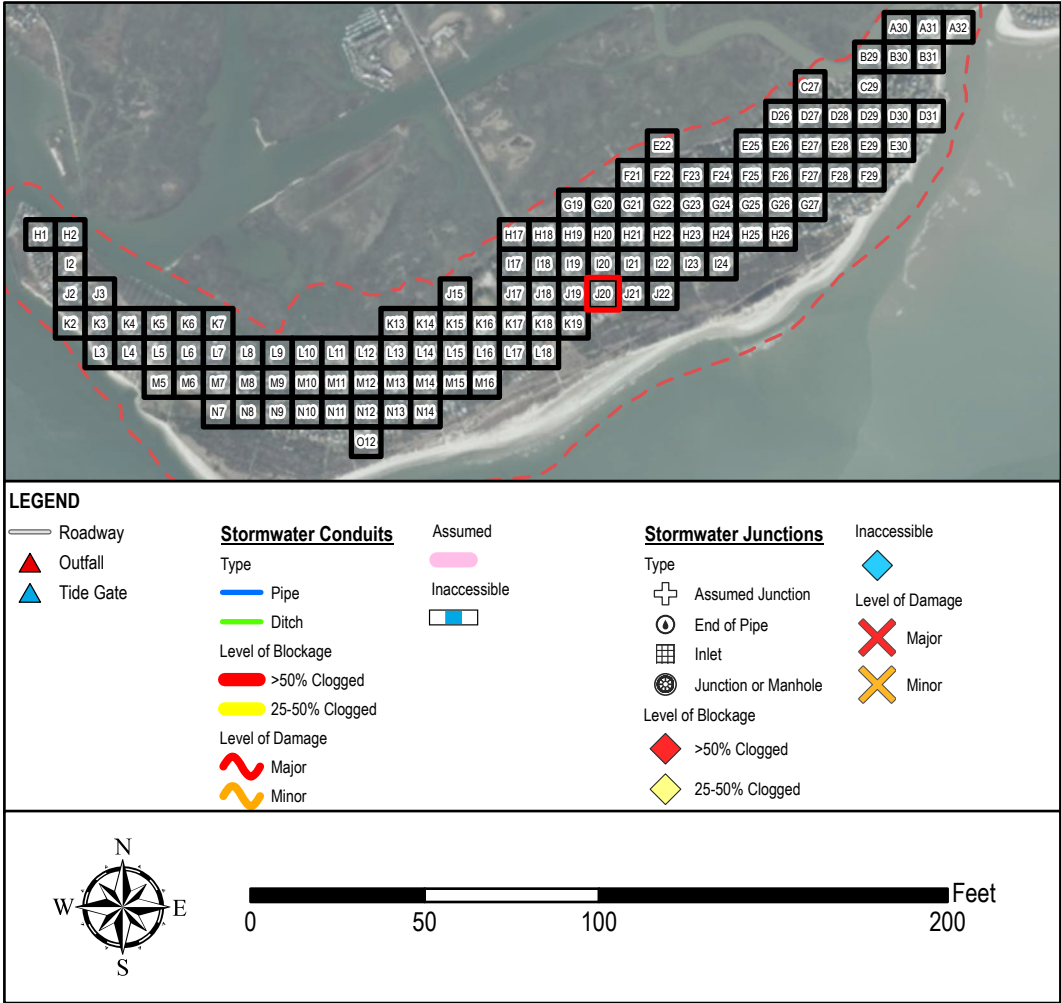
Unk for unknown material

Metal for metal pipe

VCP for vitrified clay pipe

DIP for ductile iron pipe

PVC for polyvinyl chloride pipe
 - Some pipe labels feature an added suffix **(C)** for CORRUGATED, **(S)** for SMOOTH, or **(PD)** for PIPE DIRECTION.
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 - Pipe materials are labeled as follows:

RCP for reinforced concrete pipe

ERCP for elliptical reinforced concrete pipe

HDPE for high density polyethylene pipe

Cast Iron for cast iron pipe

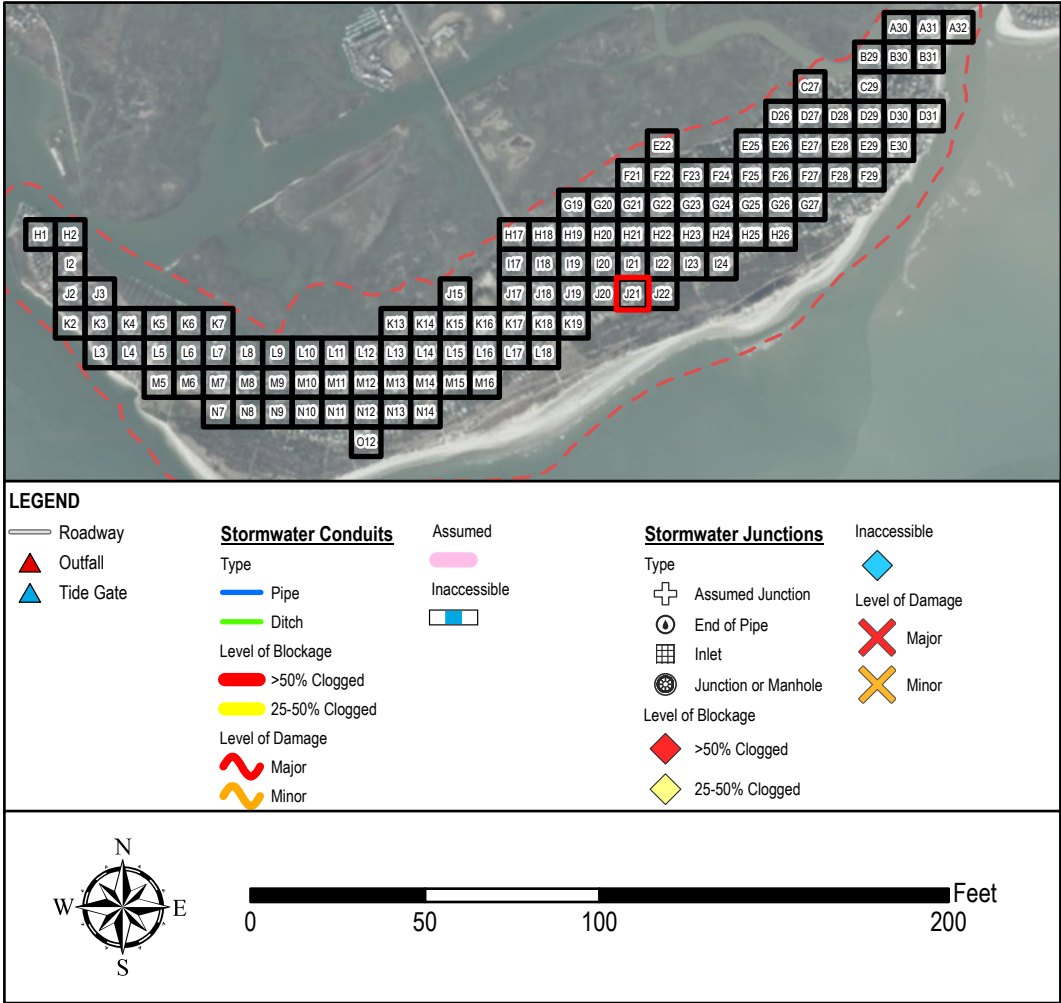
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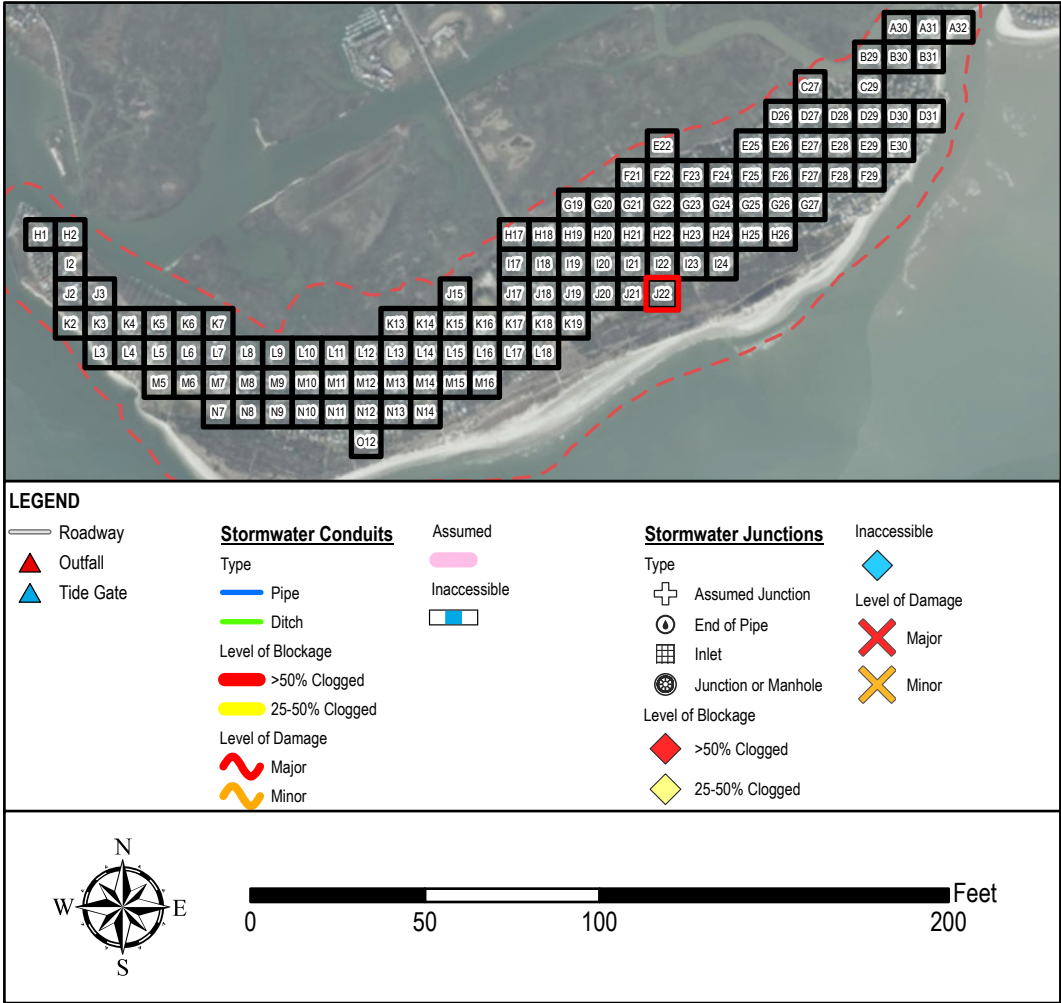
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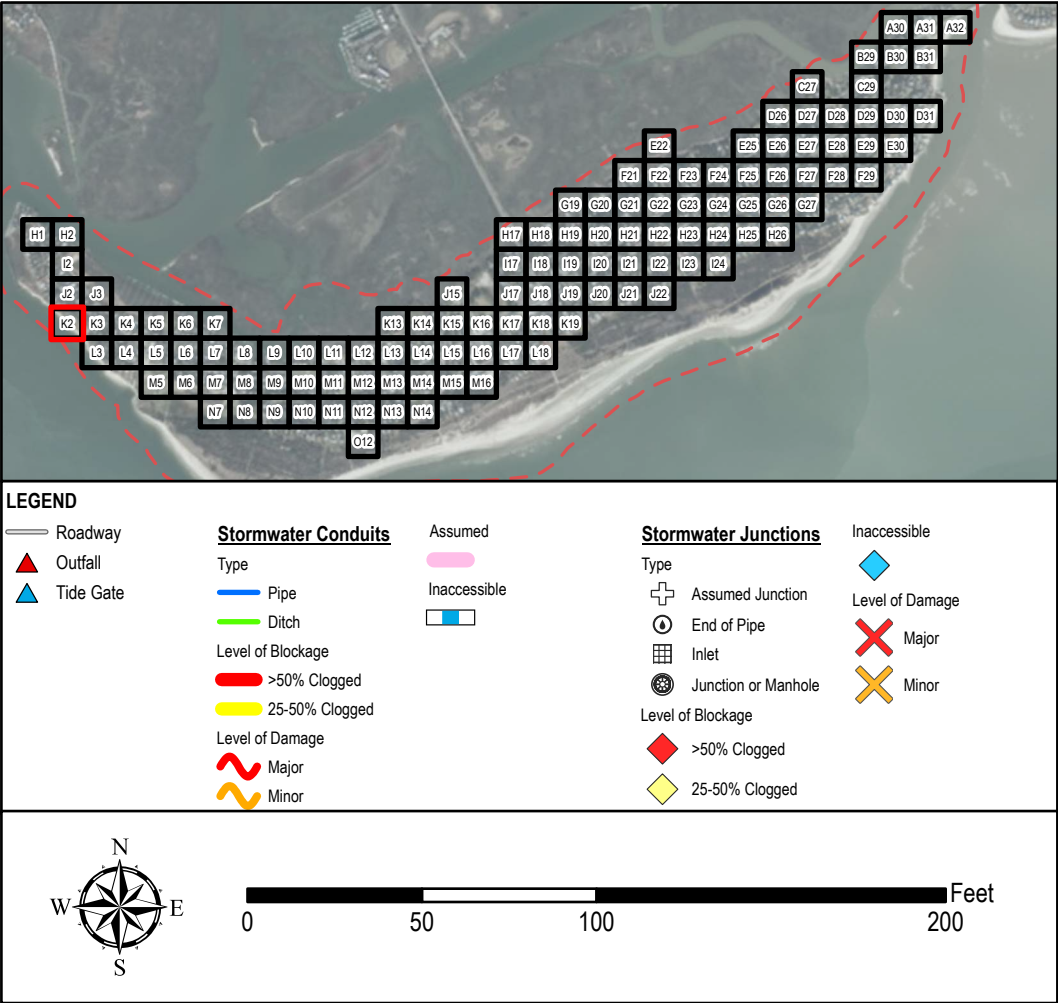
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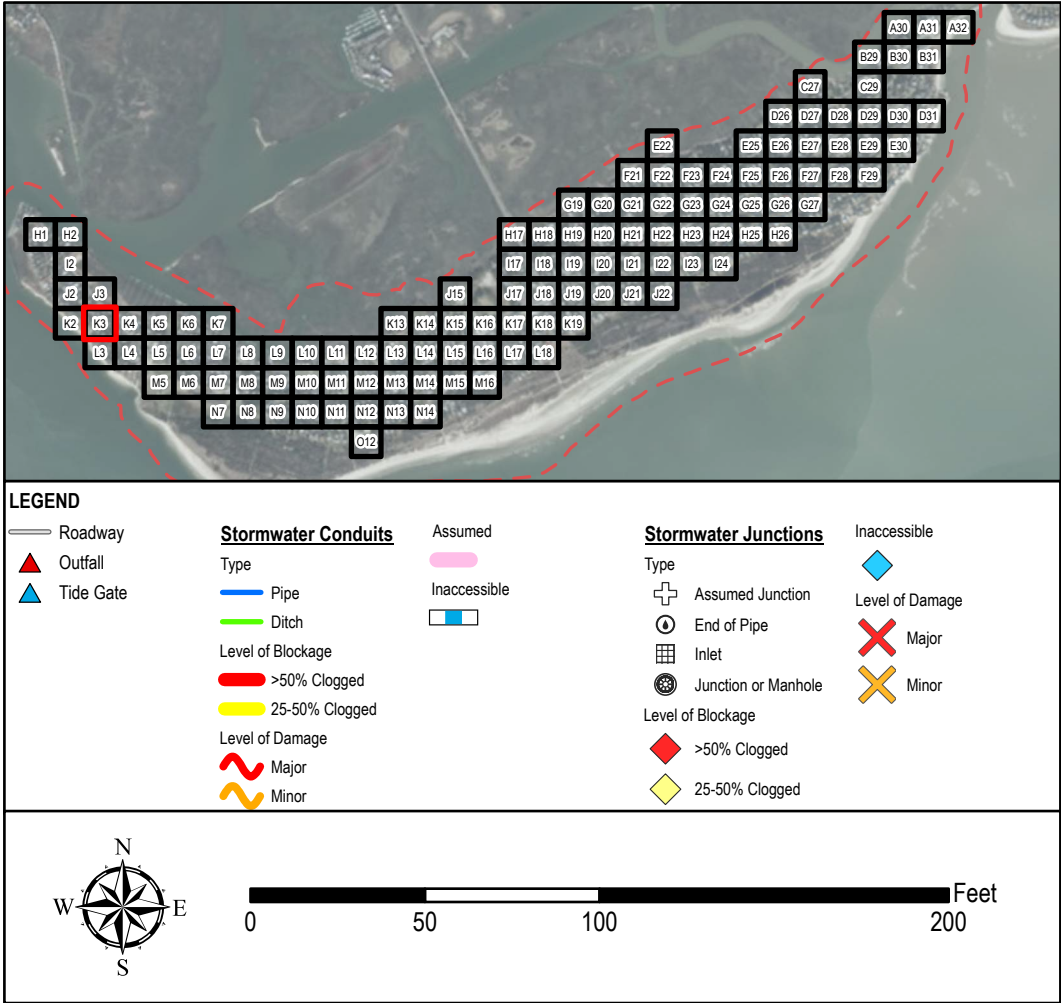
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<p align="center">Town of Sullivan's Island, SC Island-Wide Stormwater Master Plan and Infrastructure Improvement Strategy</p>		
<p align="center">Inventory of Drainage Infrastructure</p>		
<p align="center">Appendix A</p>	<p align="center">Sector K4</p>	<p align="center">Page 72 of 119</p>

Inventory of Drainage Infrastructure

Appendix A

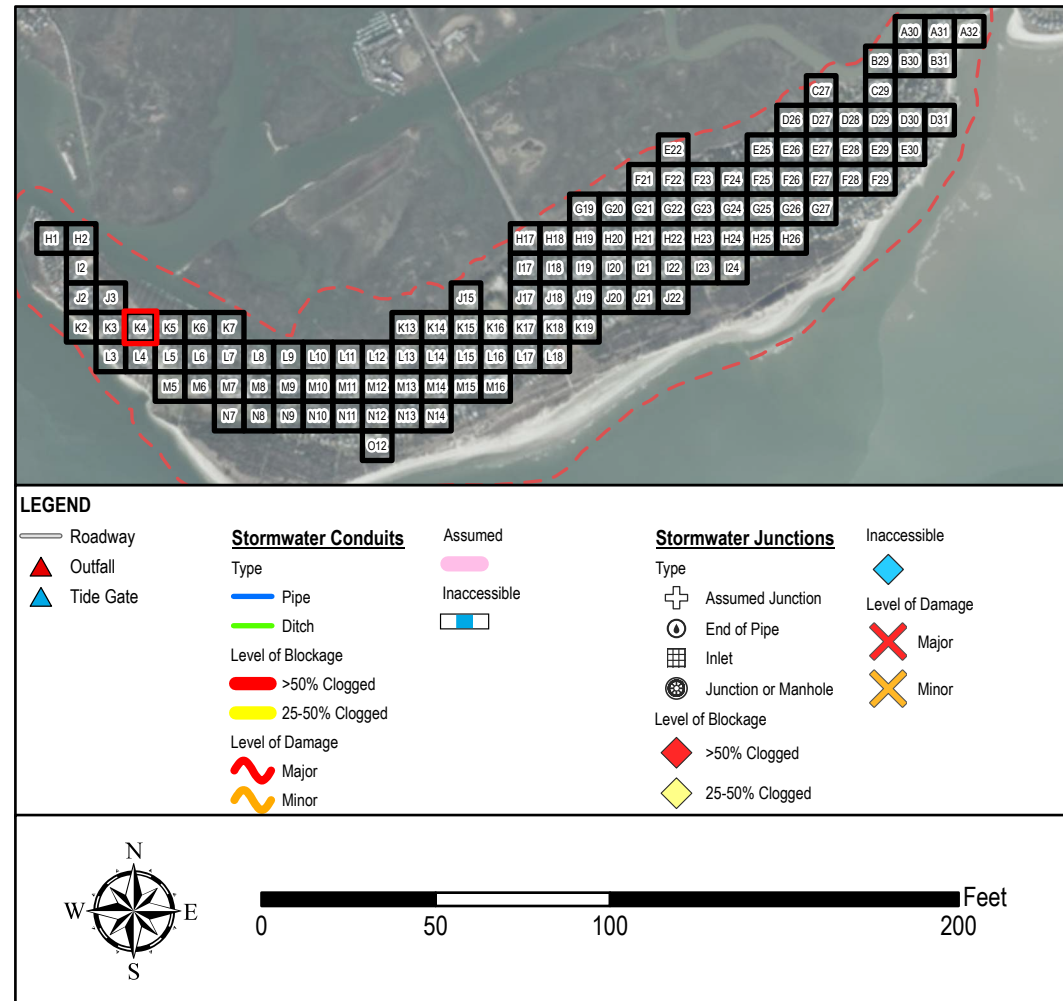
Sector K4

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NOTES:

1. Background 2020 aerial imagery collected by Kucera International. Imagery is managed by Adam DeMars, South Carolina State GIS Coordinator and hosted by ESRI.
2. Pipe materials are labeled as follows:

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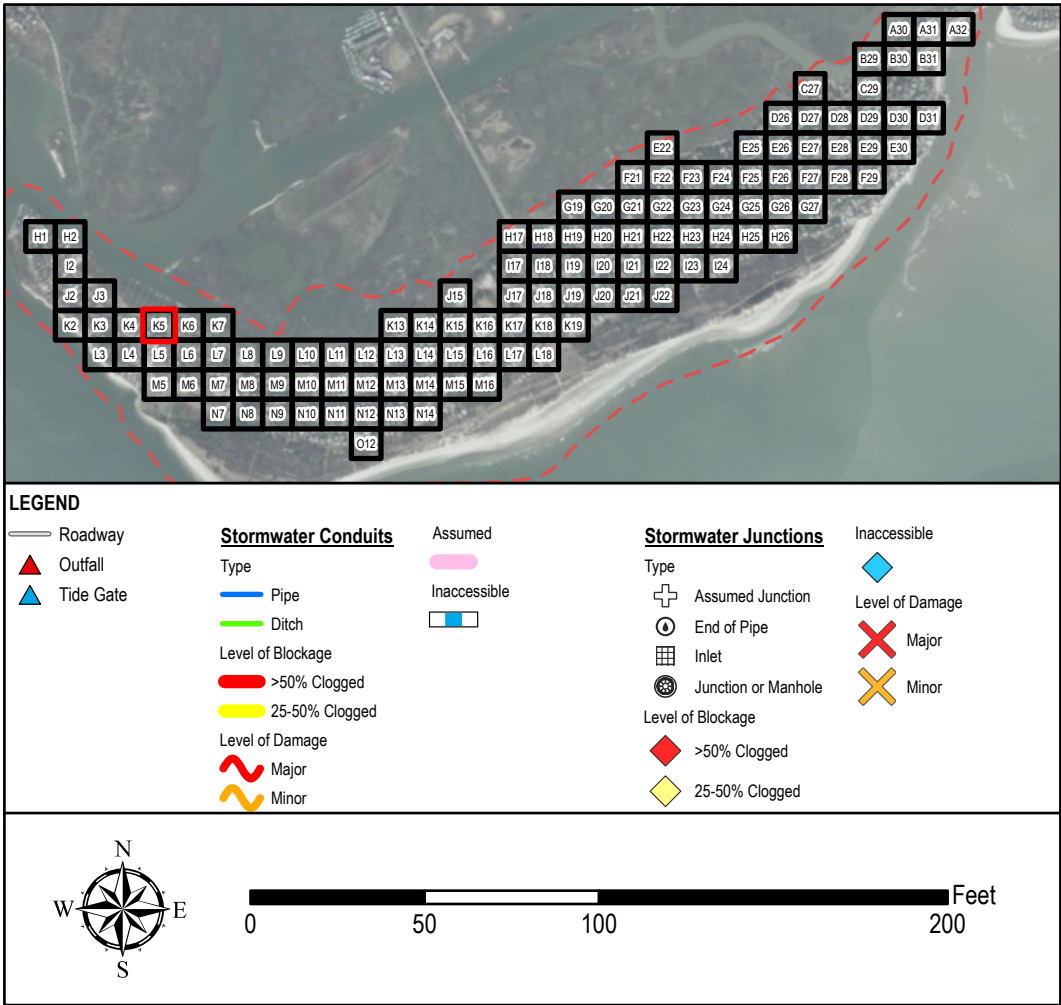
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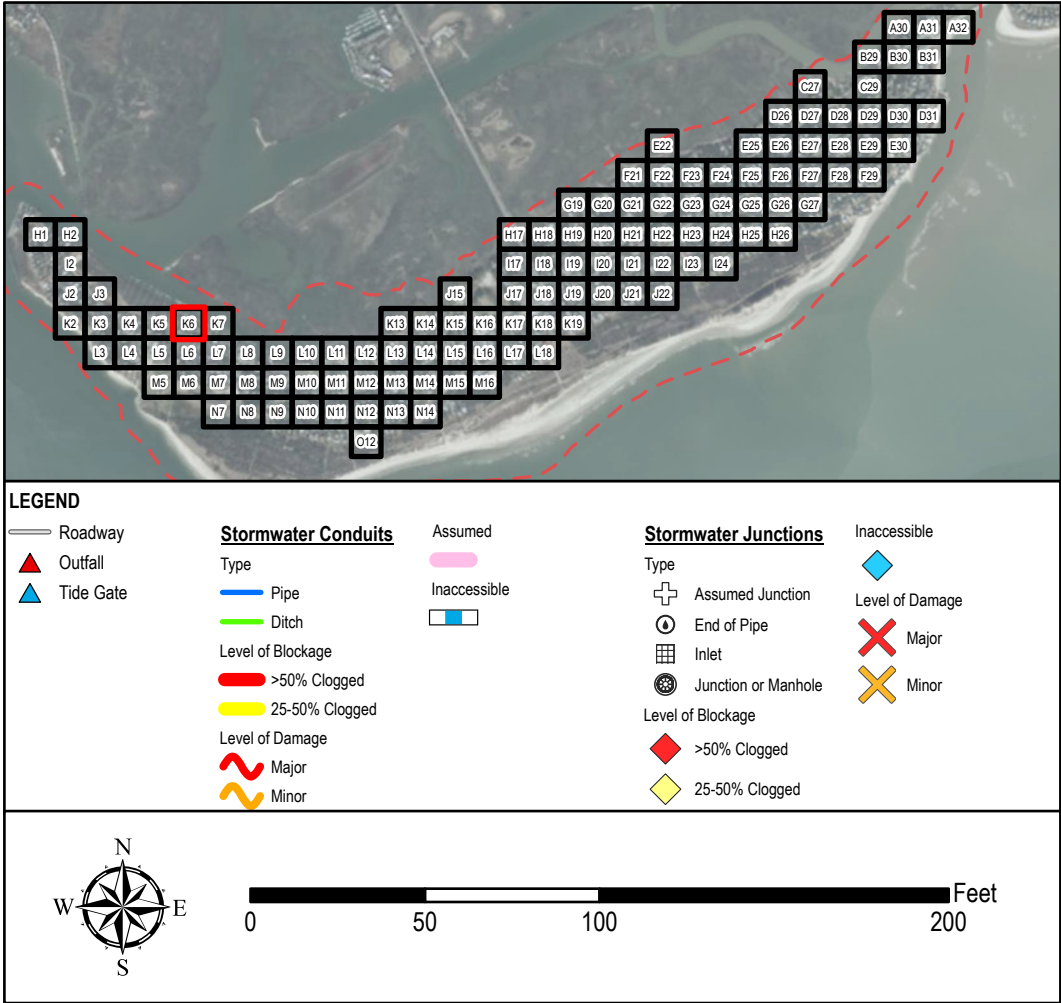
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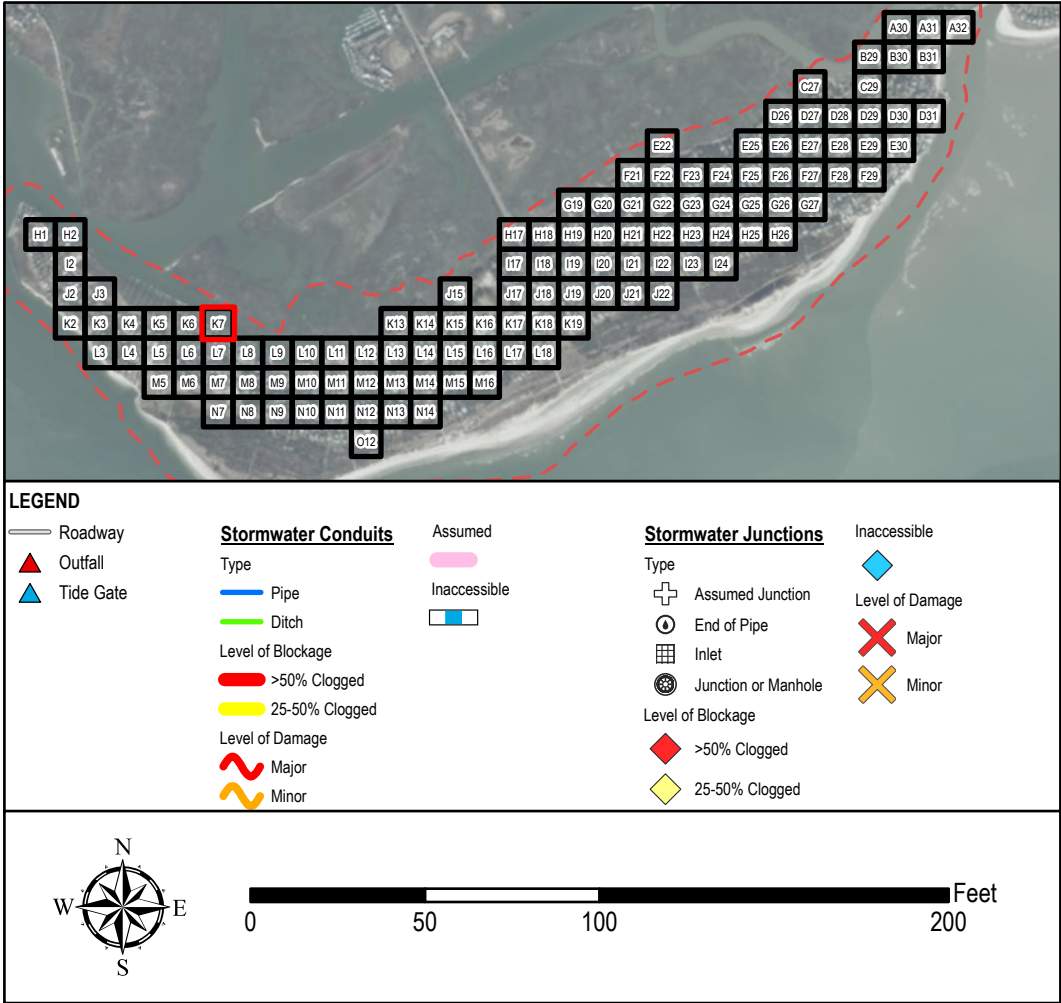
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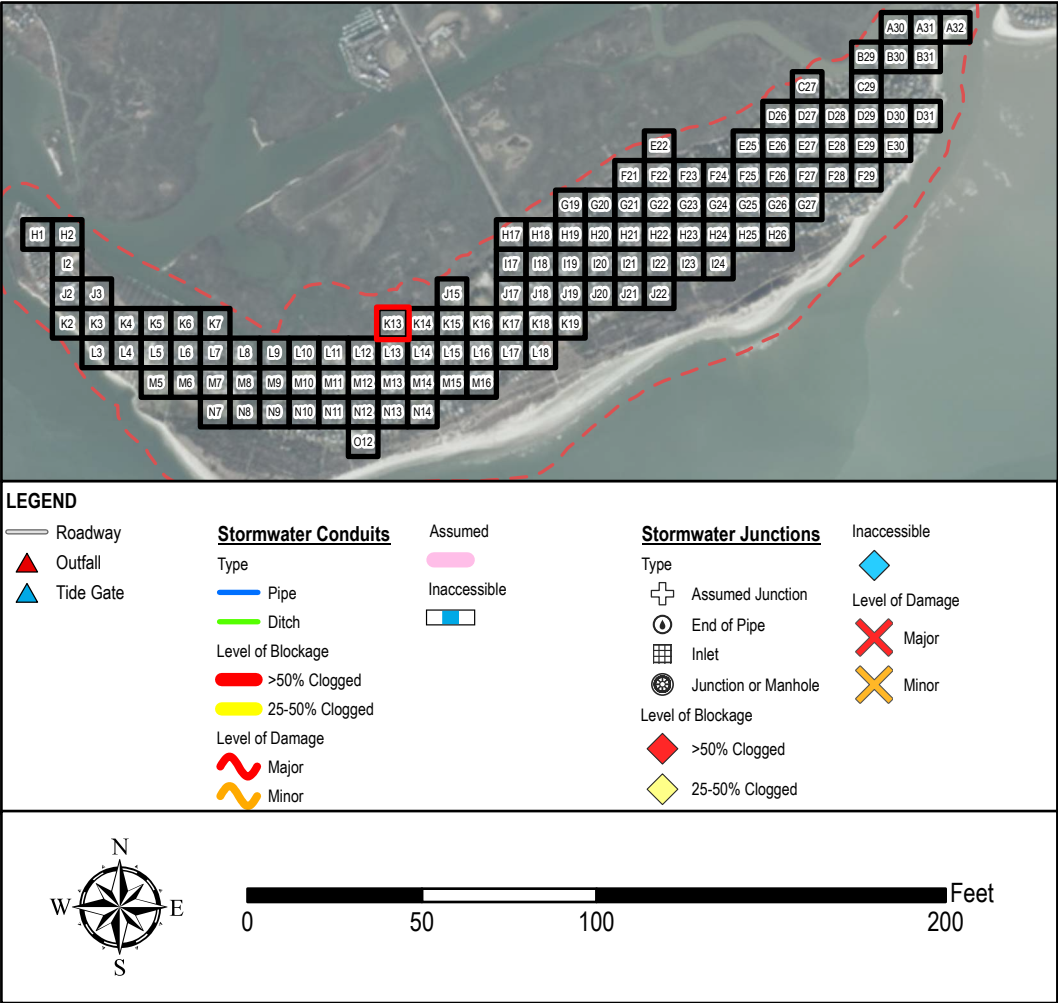
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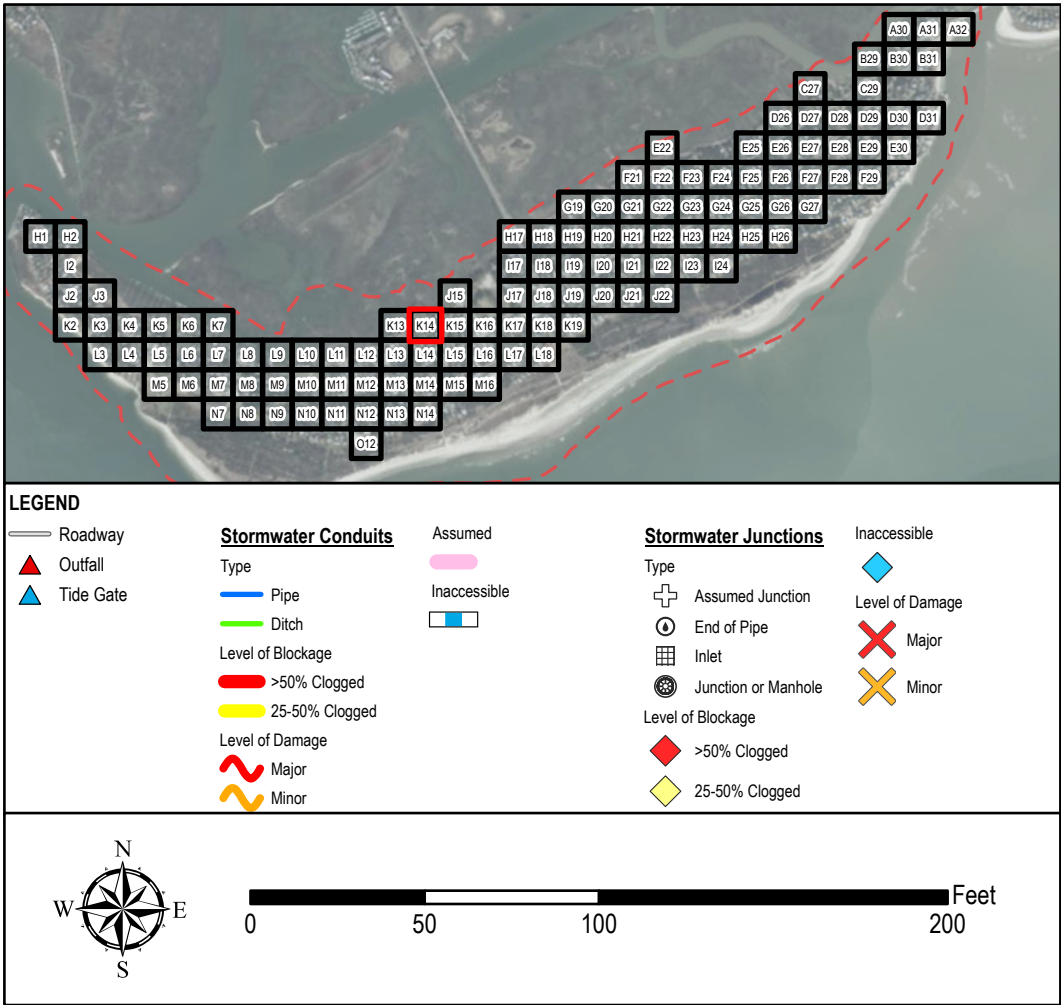
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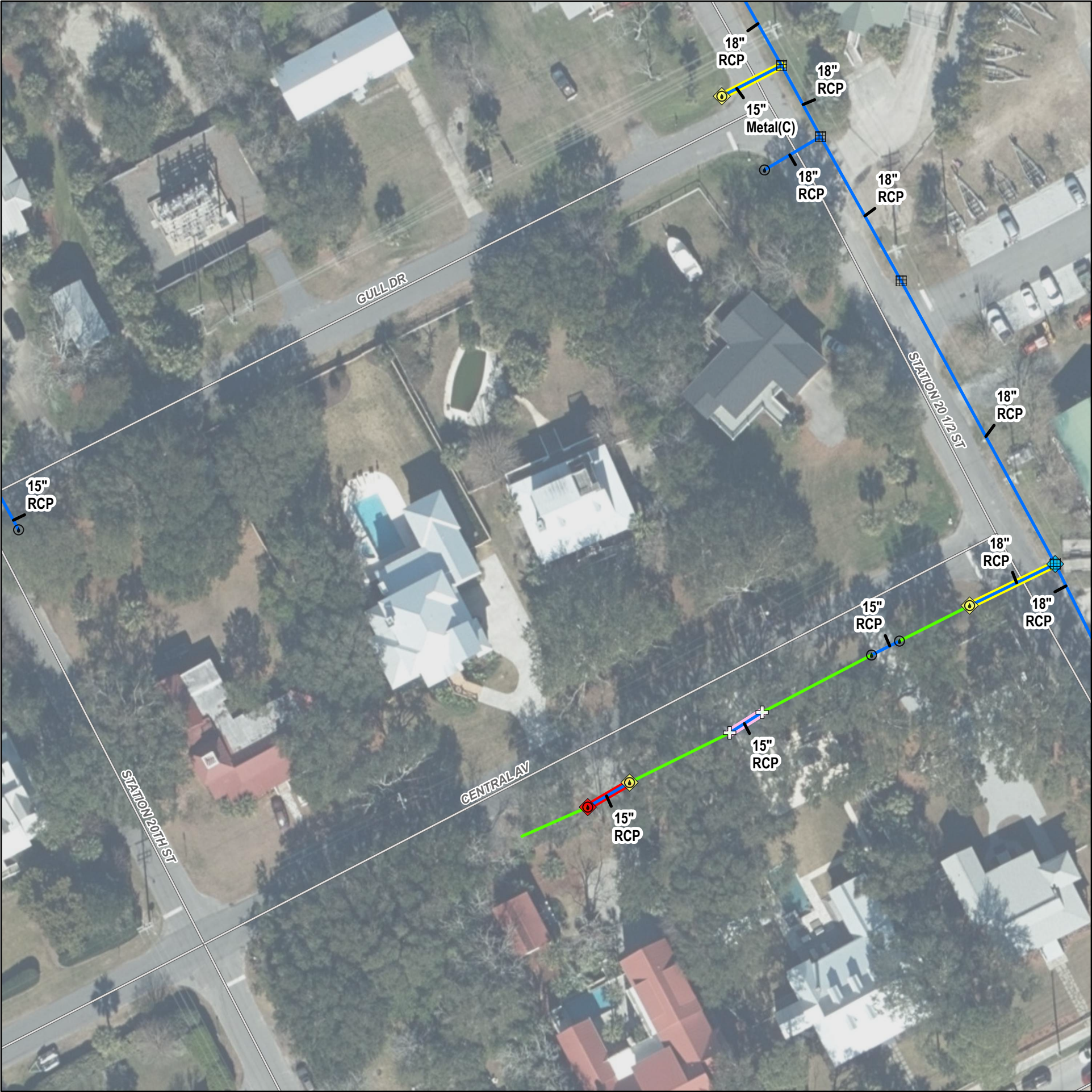
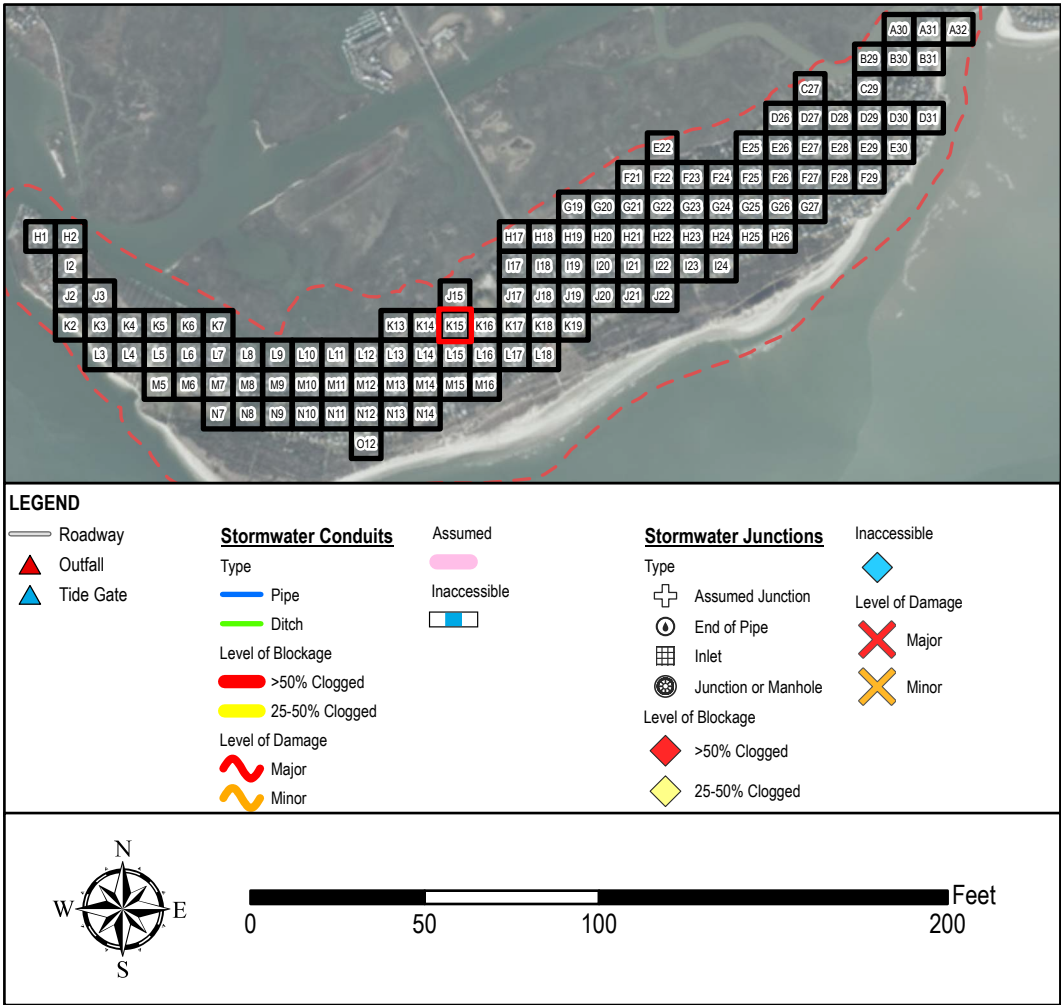
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<p align="center">Appendix A</p>	<p align="center">Sector K16</p>	<p align="center">Page 79 of 119</p>

Inventory of Drainage Infrastructure

Appendix A

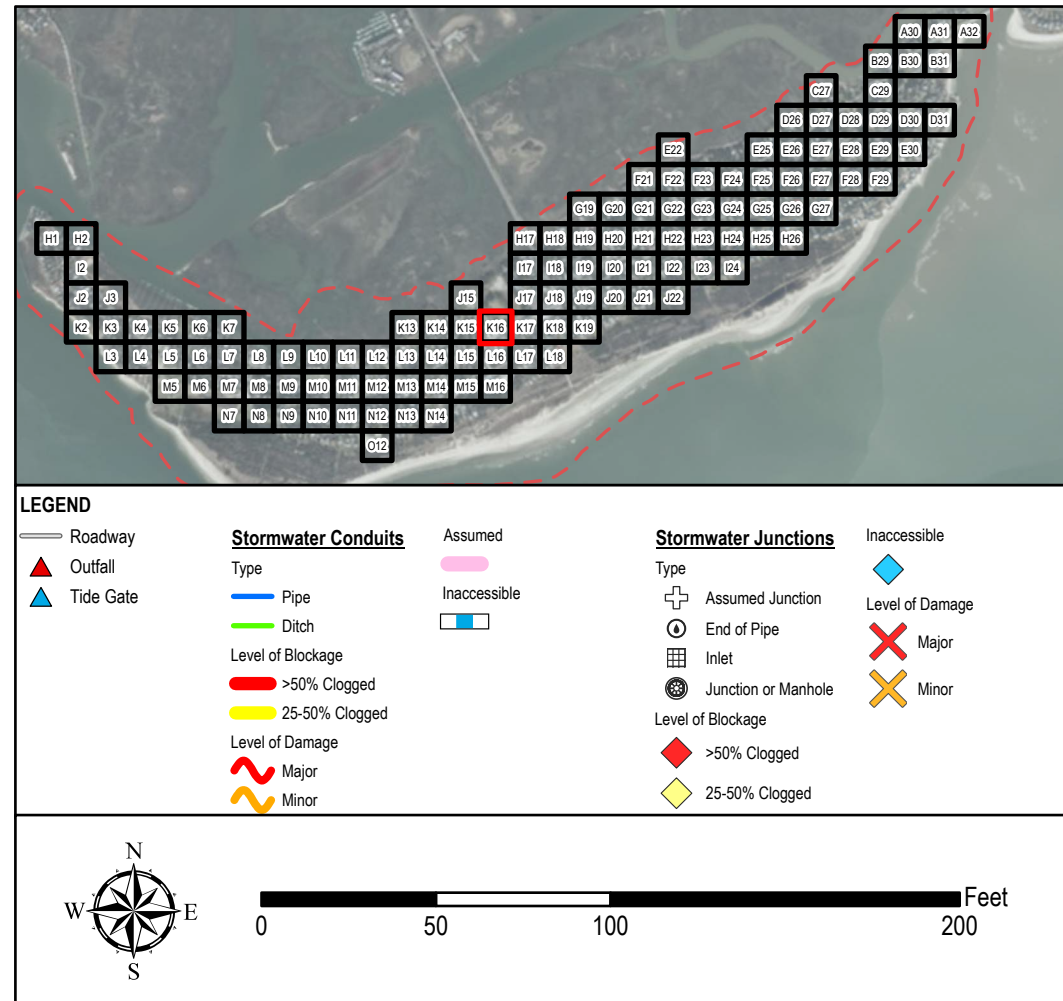
Sector K16

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NOTES:

1. Background 2020 aerial imagery collected by Kucera International. Imagery is managed by Adam DeMars, South Carolina State GIS Coordinator and hosted by ESRI.
2. Pipe materials are labeled as follows:

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ERCP for elliptical reinforced concrete pipe	VCP for vitrified clay pipe
HDPE for high density polyethylene pipe	DIP for ductile iron pipe
Cast Iron for cast iron pipe	PVC for polyvinyl chloride pipe
Unk for unknown material	
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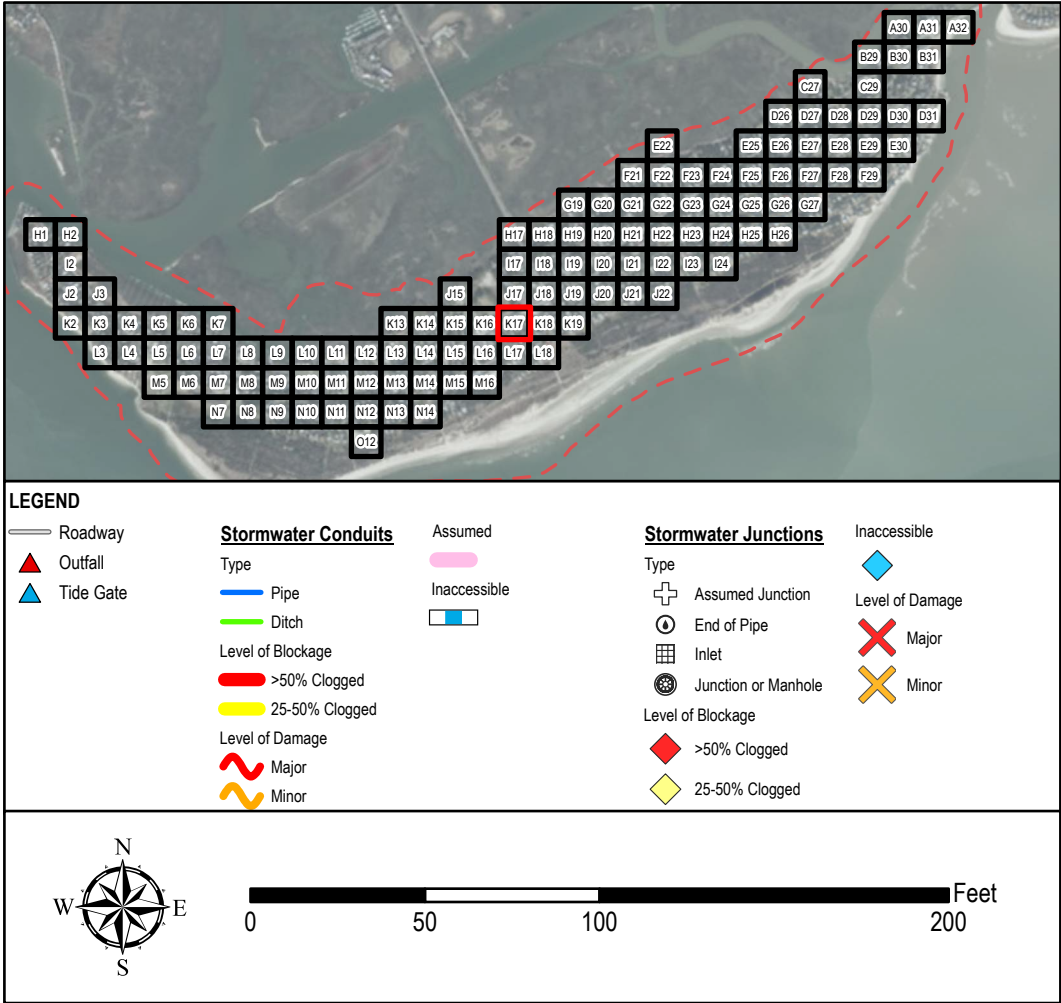
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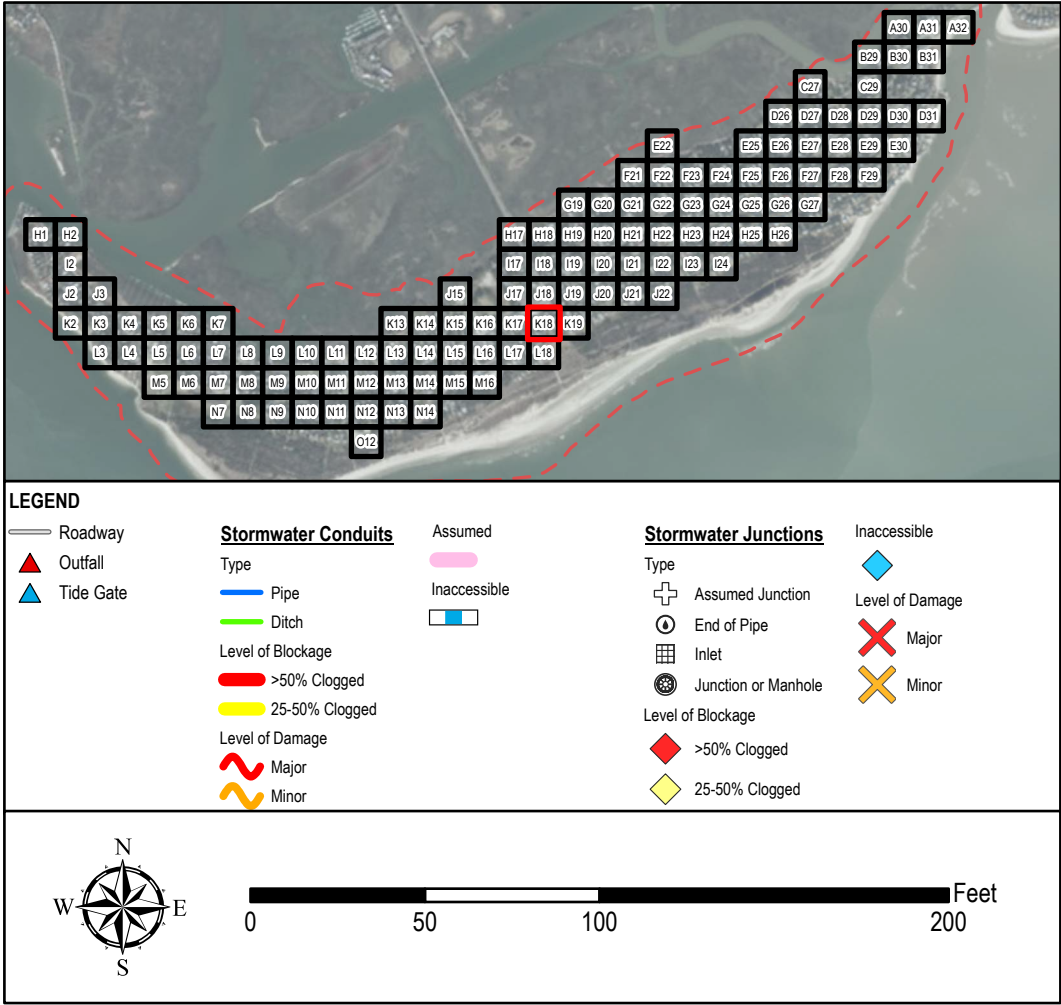
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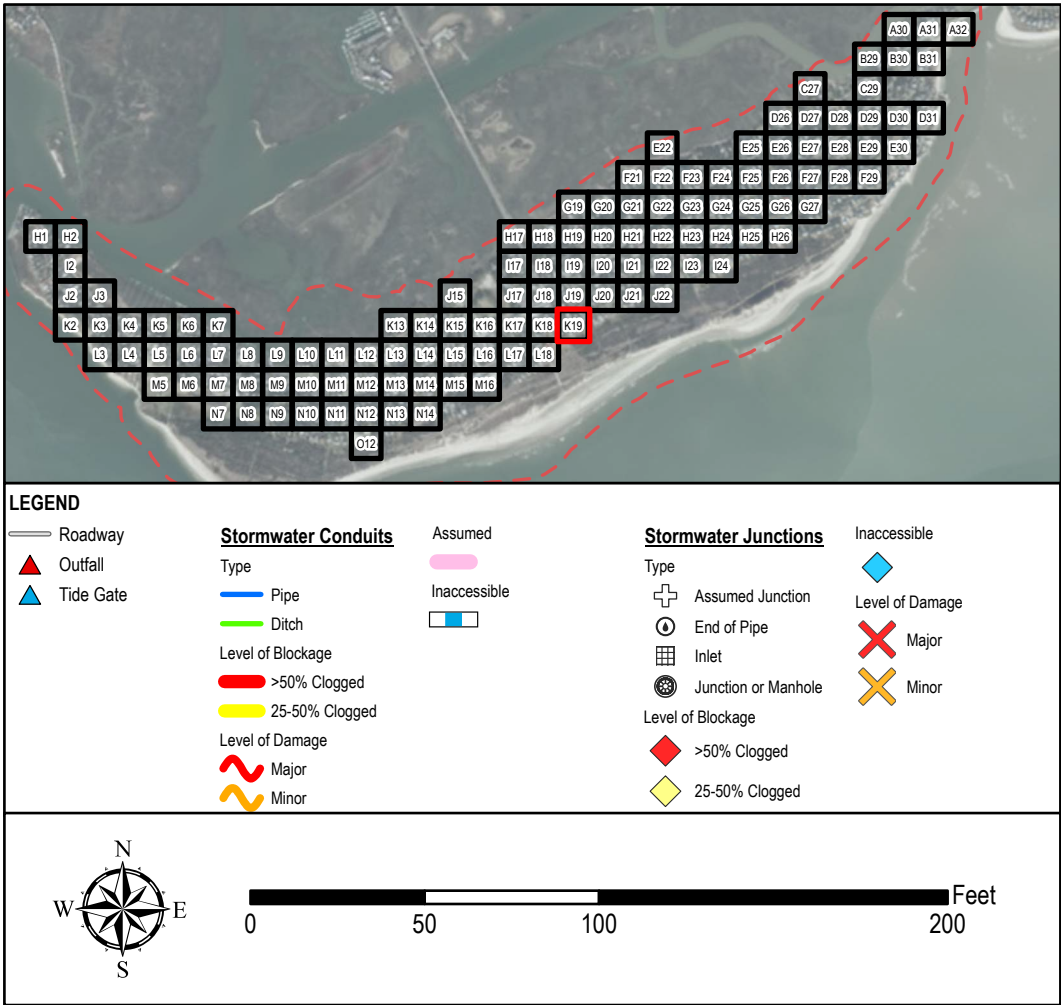
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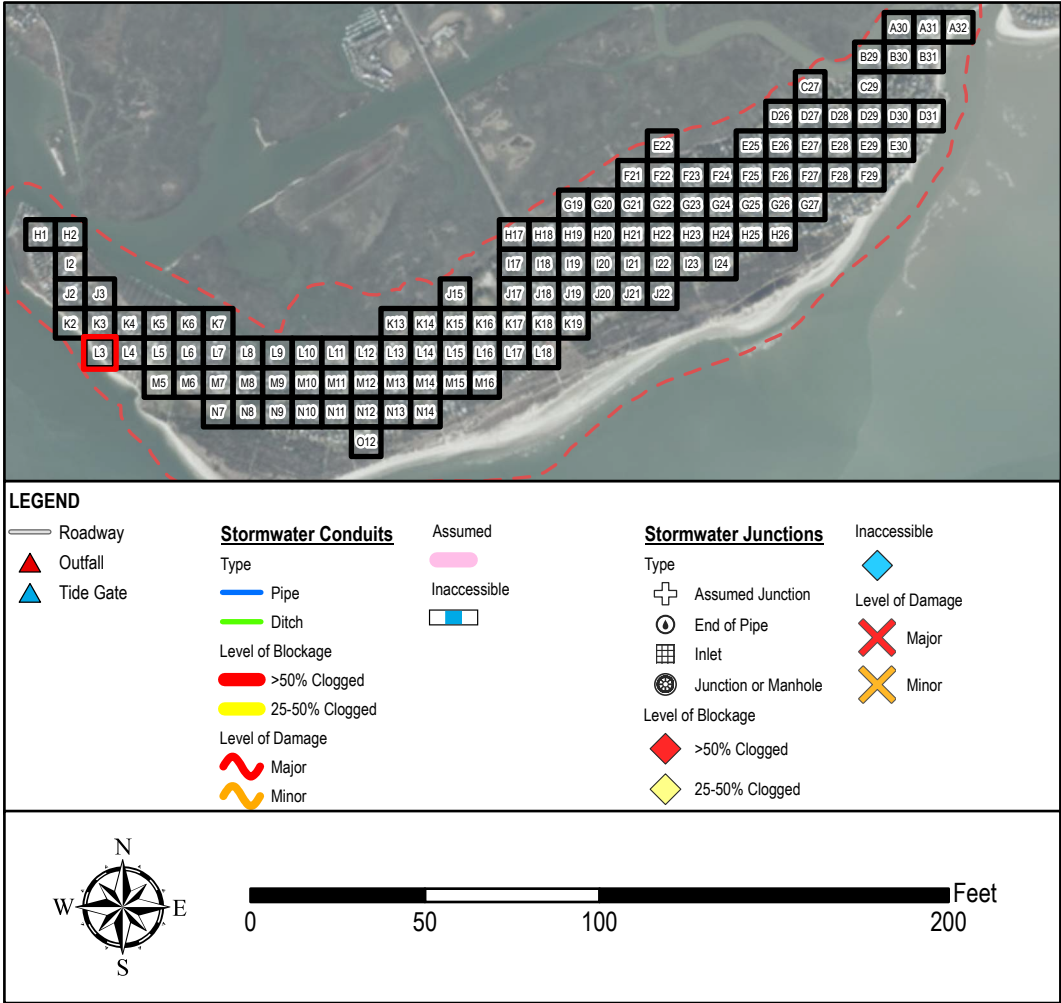
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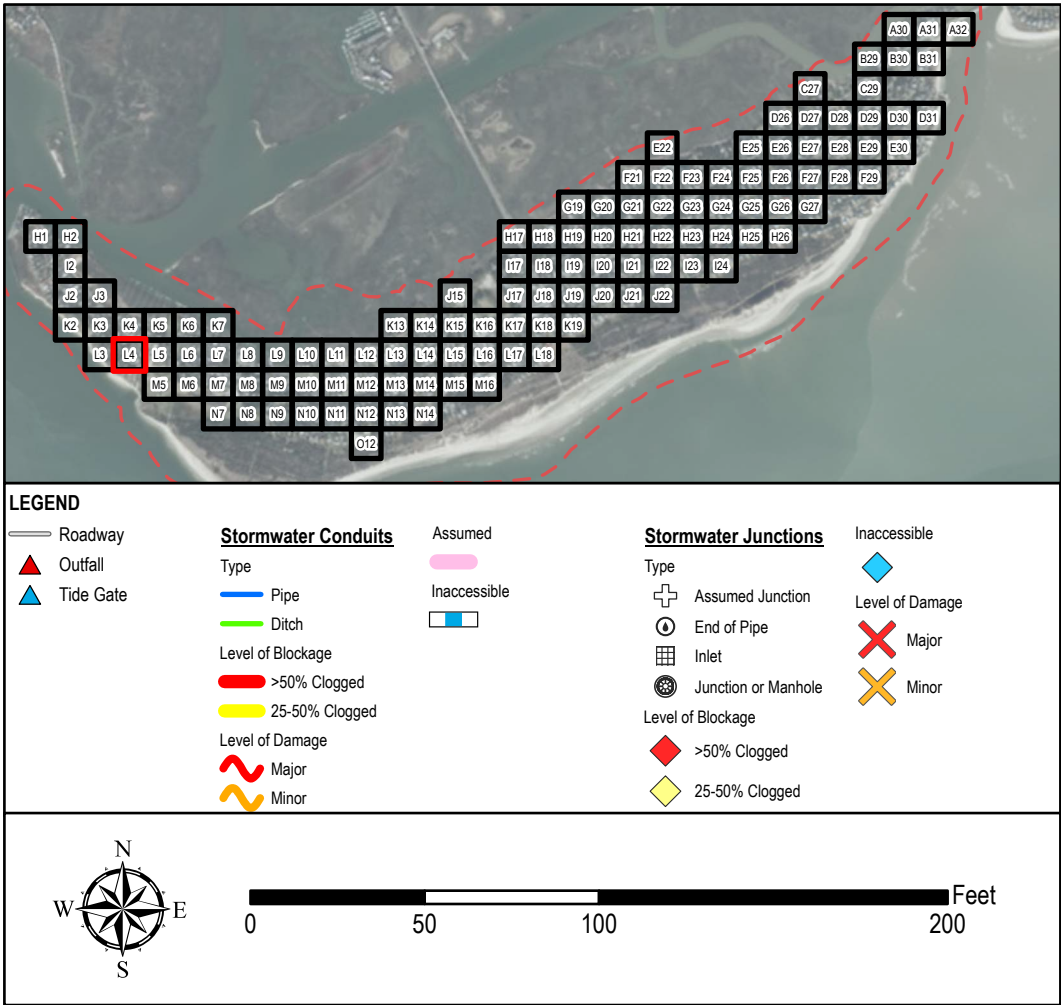
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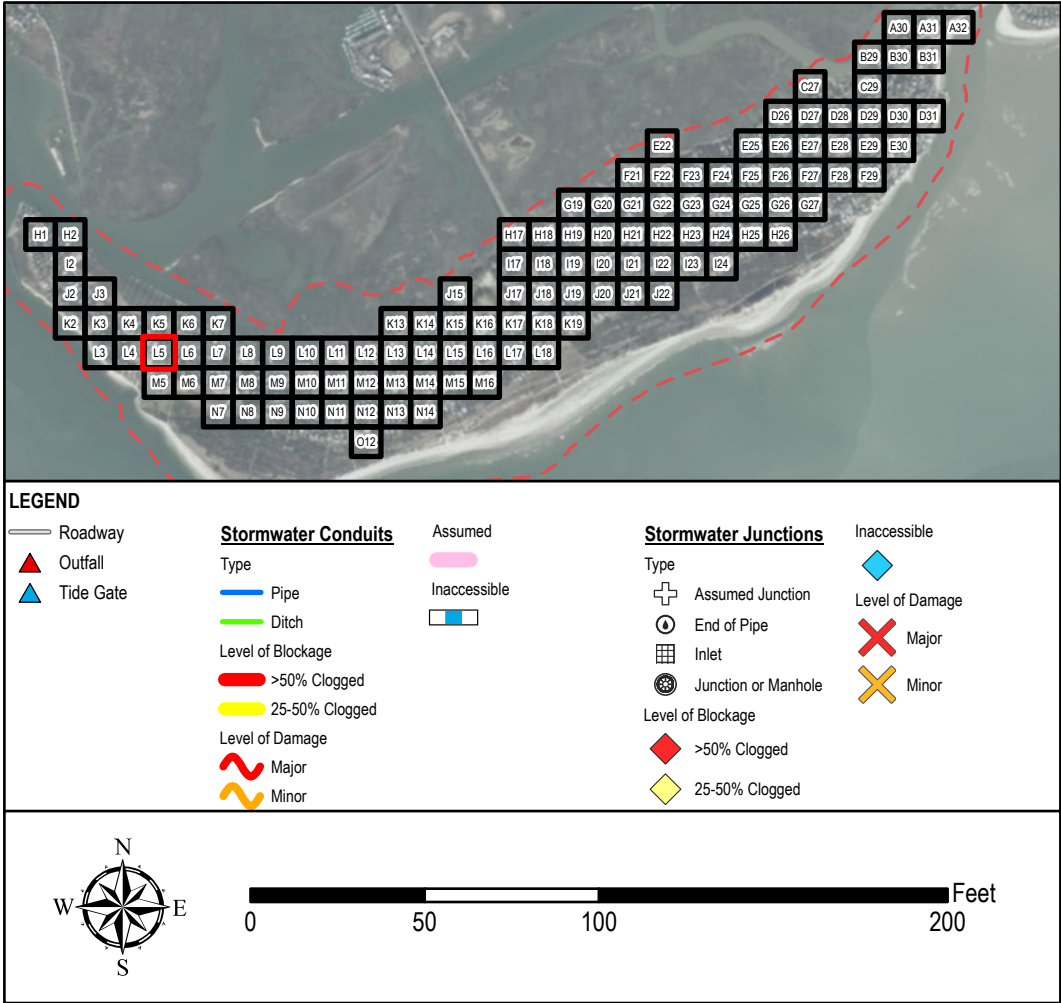
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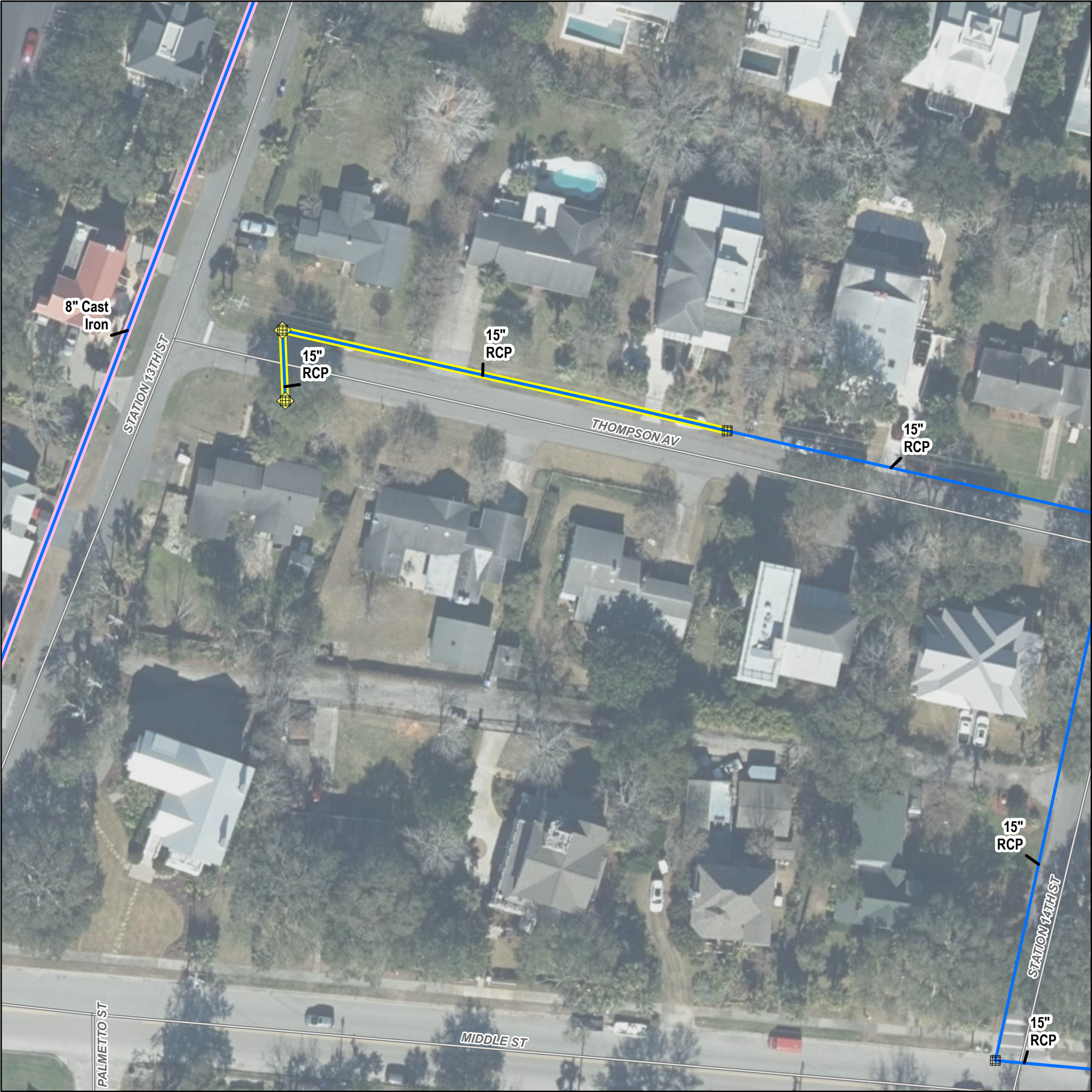
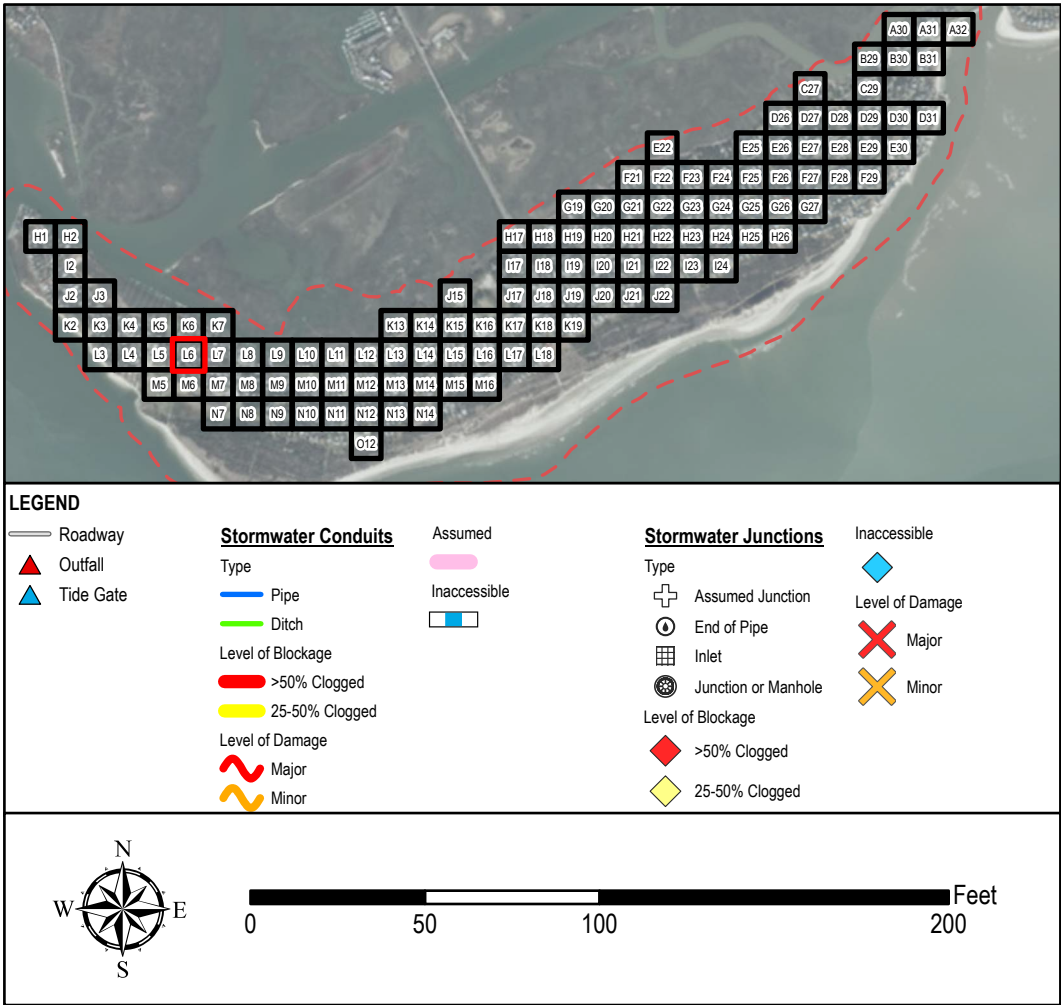
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<p align="center">Appendix A</p>	<p align="center">Sector L7</p>	<p align="center">Page 87 of 119</p>

Inventory of Drainage Infrastructure

Appendix A

Sector L7

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NOTES:

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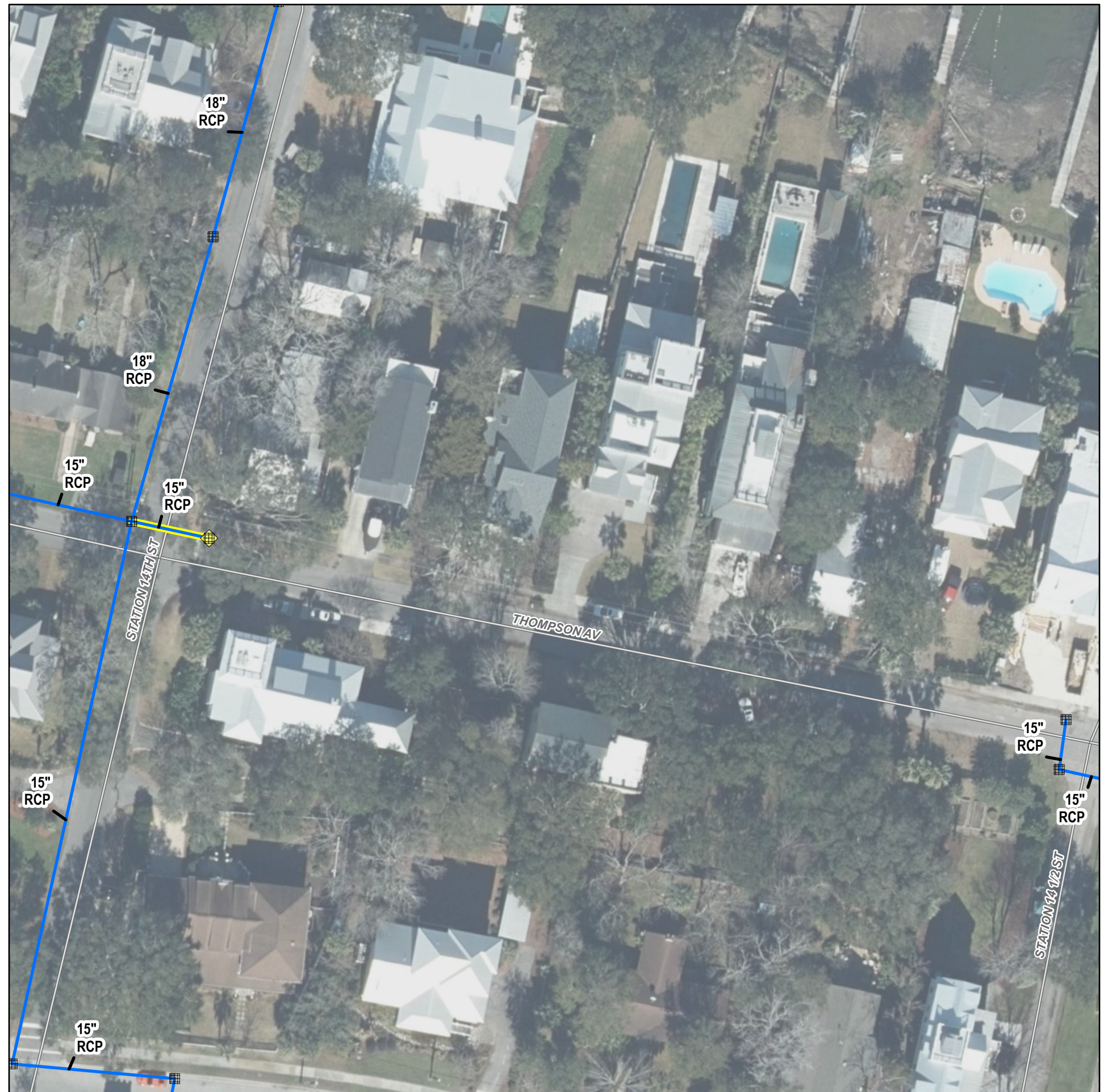


LEGEND

	Roadway				
	Outfall				
	Tide Gate				
<u>Stormwater Conduits</u>			<u>Assumed</u>		
Type					
	Pipe		Inaccessible		
	Ditch				
Level of Blockage					
	>50% Clogged				
	25-50% Clogged				
Level of Damage					
	Major				
	Minor				
				<u>Stormwater Junctions</u>	Inaccessible
Type					
	Assumed Junction				Level of Damage
	End of Pipe				Major
	Inlet				Minor
	Junction or Manhole				
Level of Blockage					
	>50% Clogged				
	25-50% Clogged				



A horizontal number line is shown with tick marks at 0, 50, 100, and 200. The word "Feet" is written at the right end of the line. A white rectangular bar is drawn above the line, starting at the 50 mark and ending at the 100 mark.



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ERCP for elliptical reinforced concrete pipe

HDPE for high density polyethylene pipe

Cast Iron for cast iron pipe

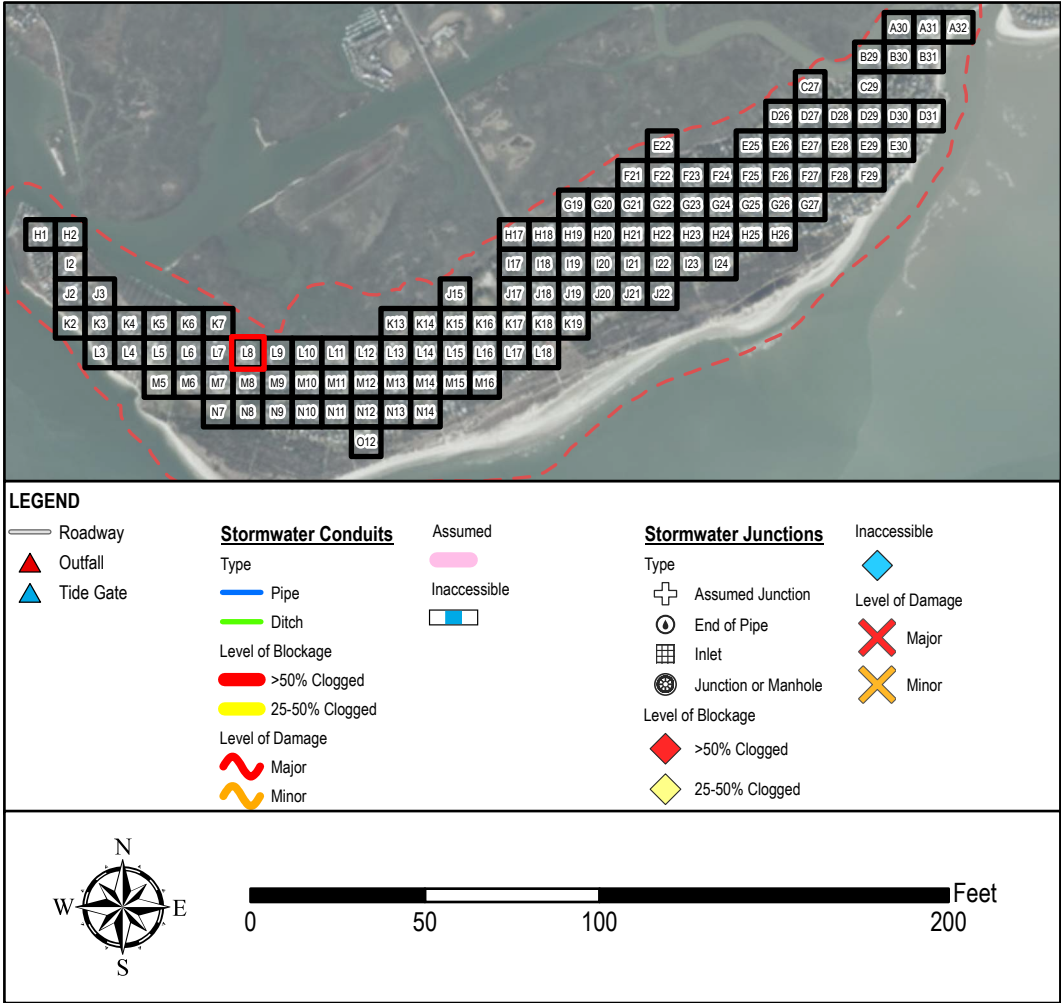
Unk for unknown material

Metal for metal pipe

VCP for vitrified clay pipe

DIP for ductile iron pipe

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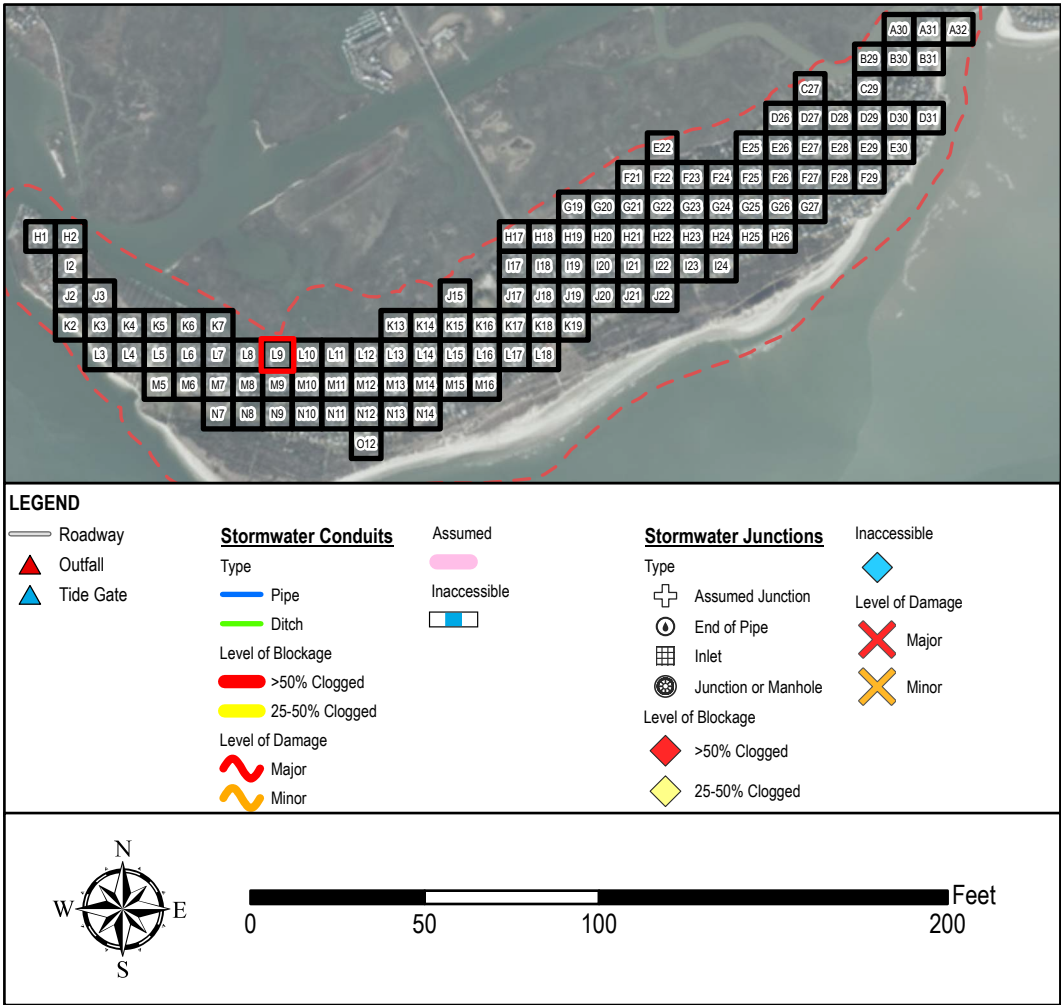
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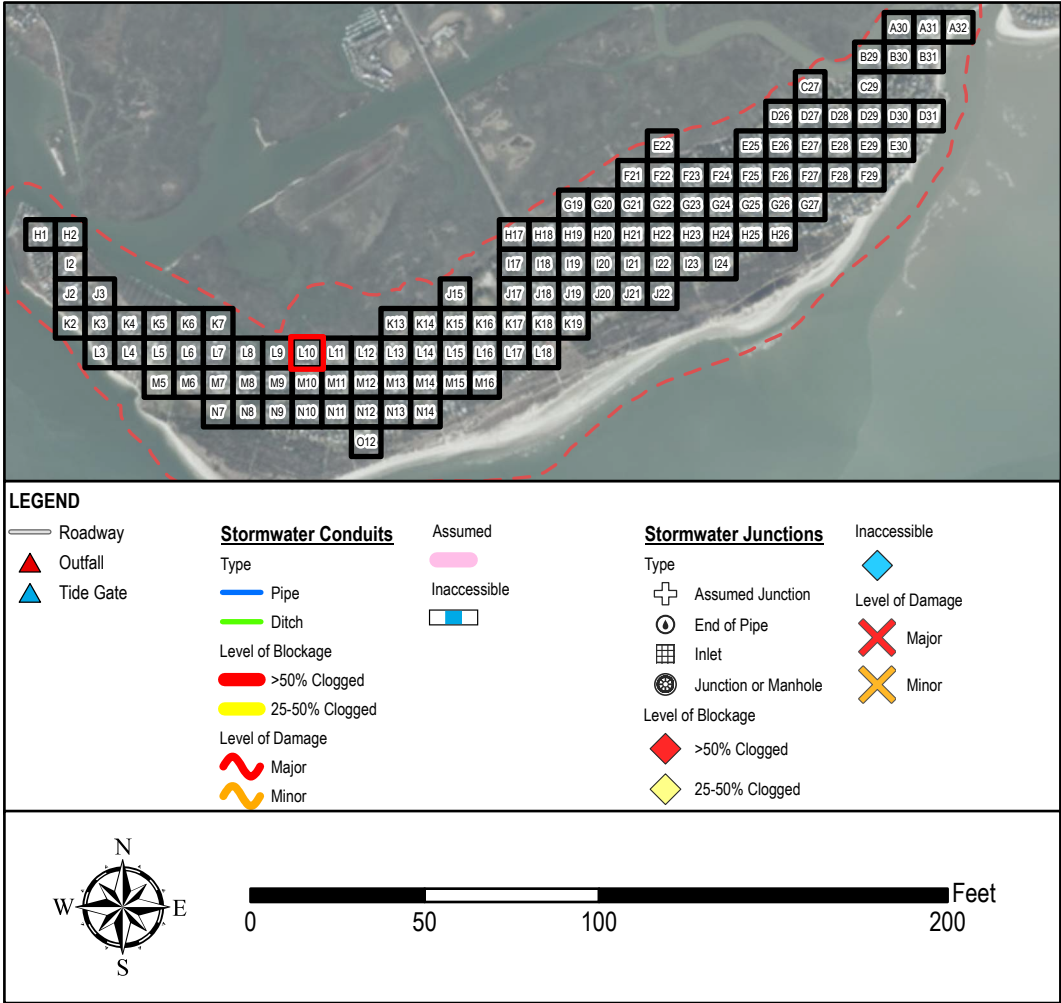
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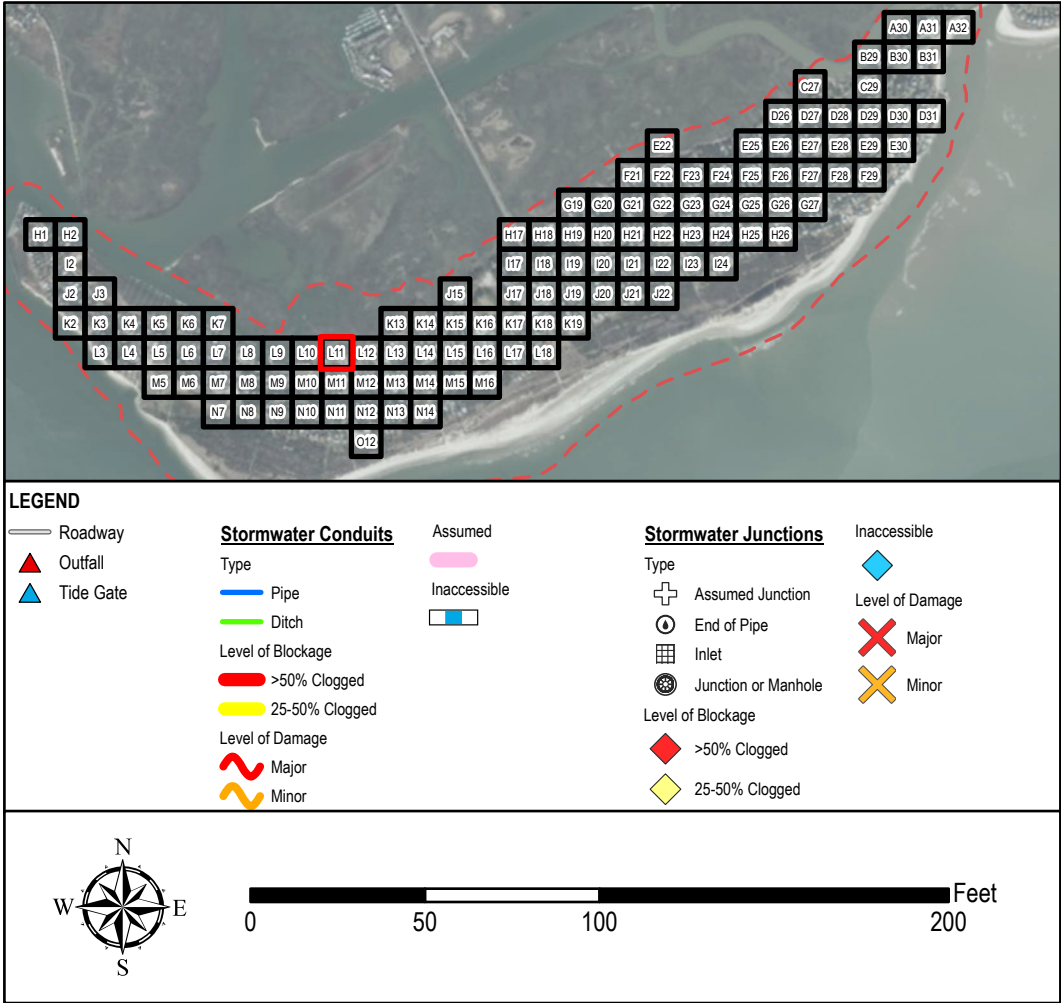
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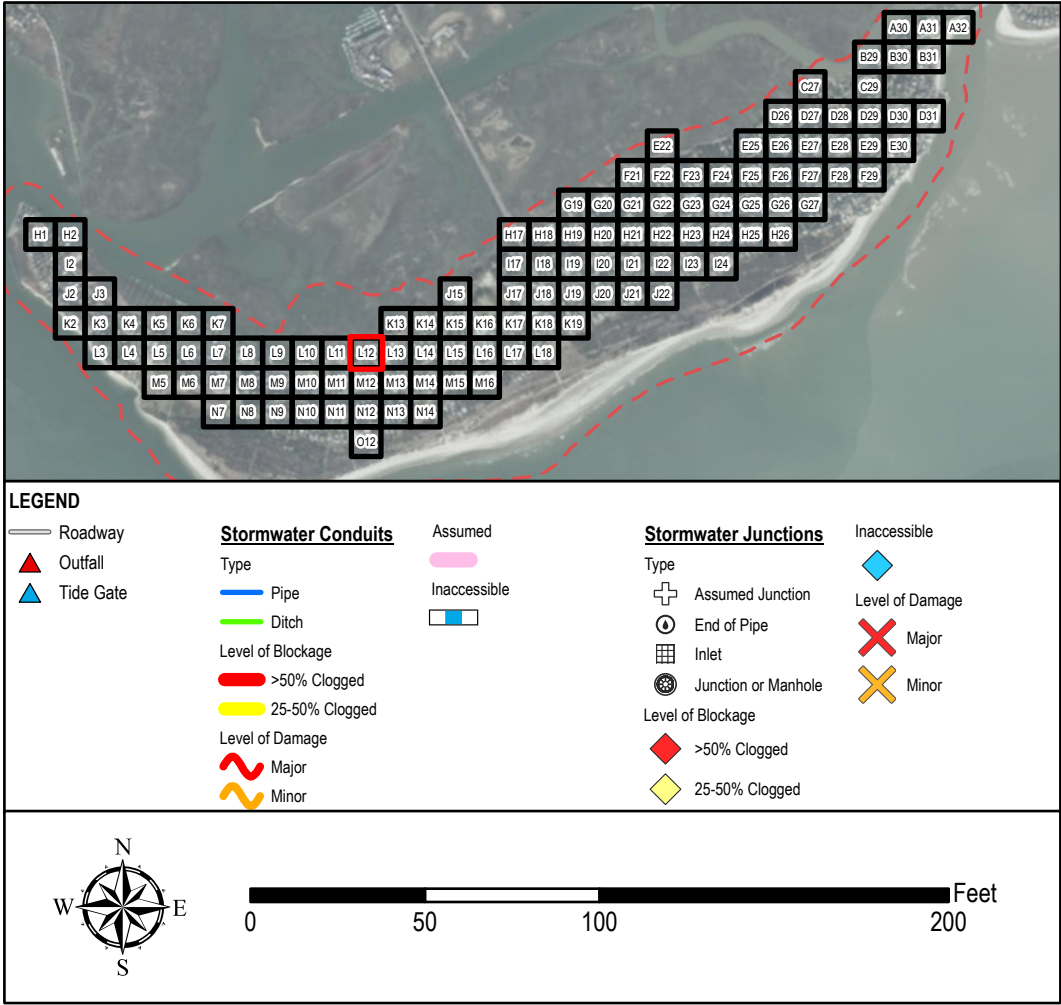
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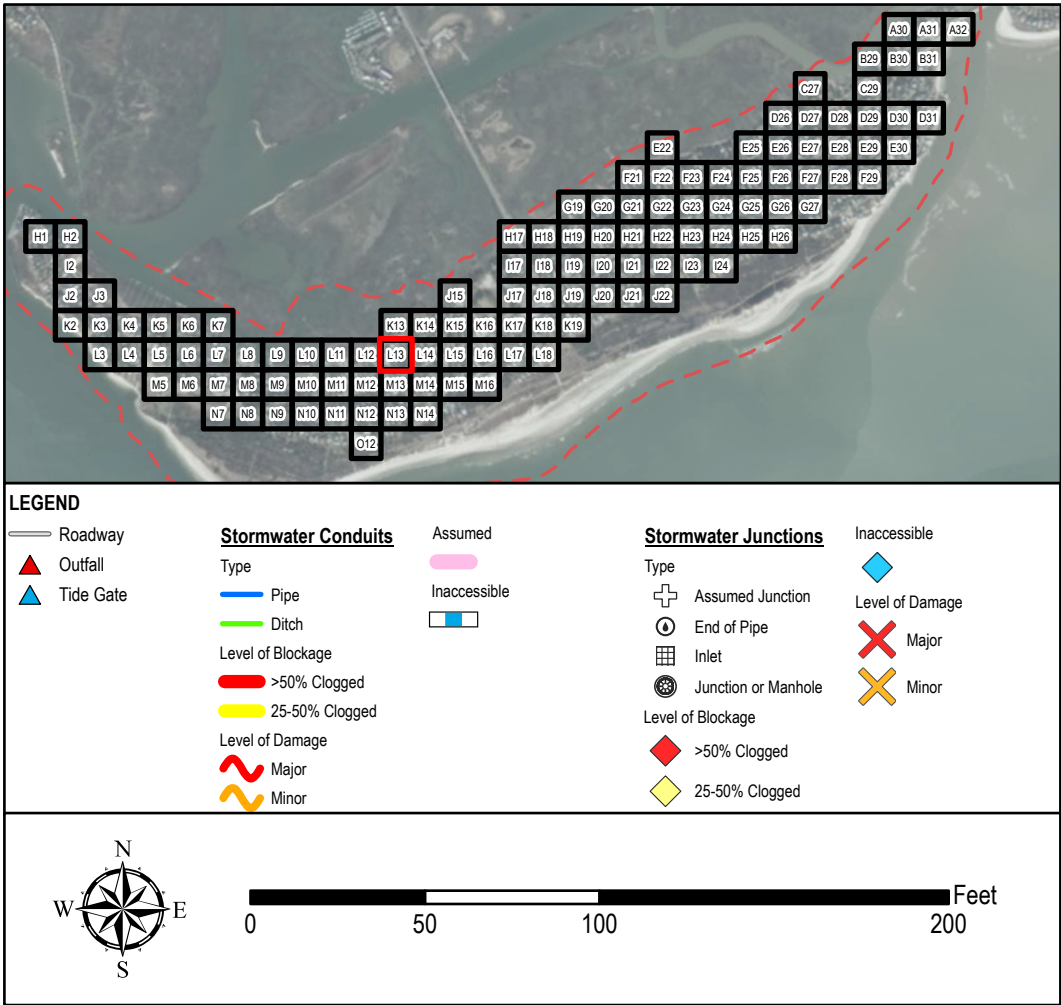
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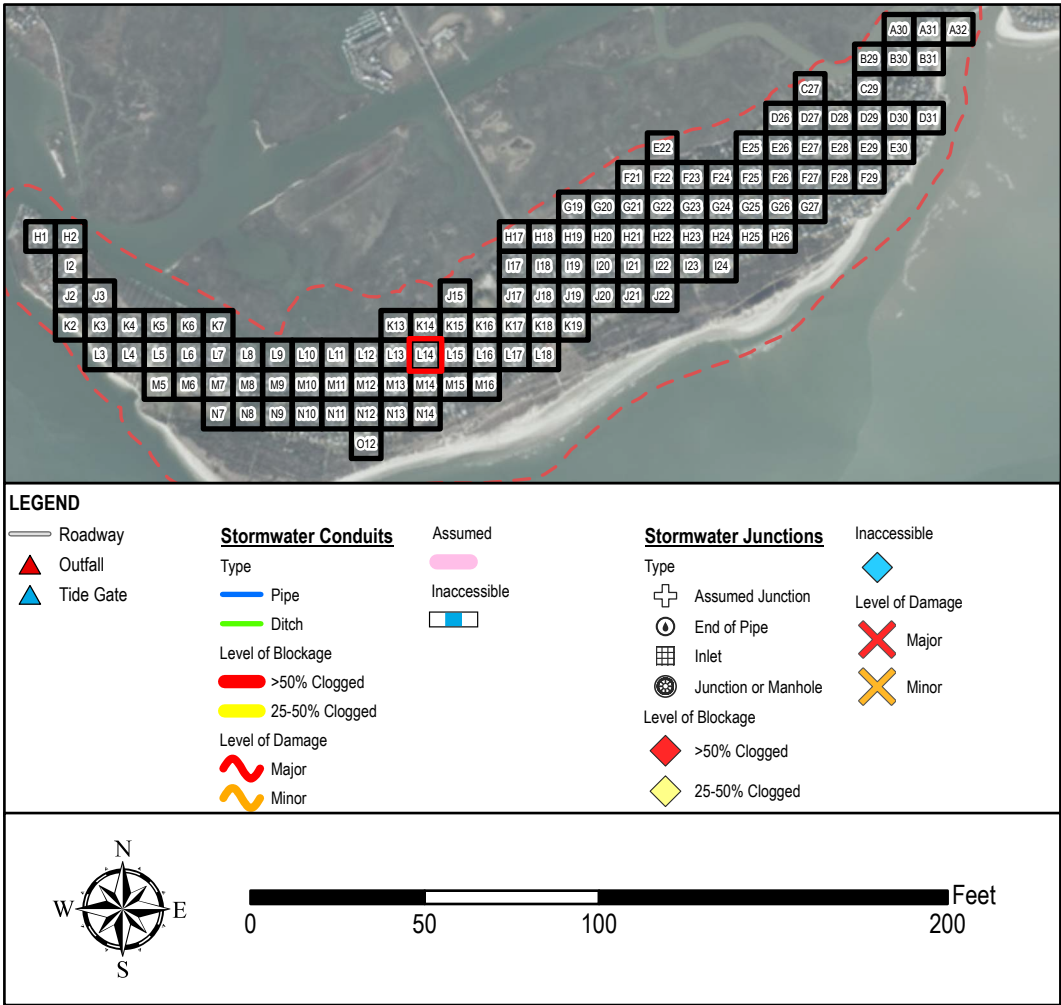
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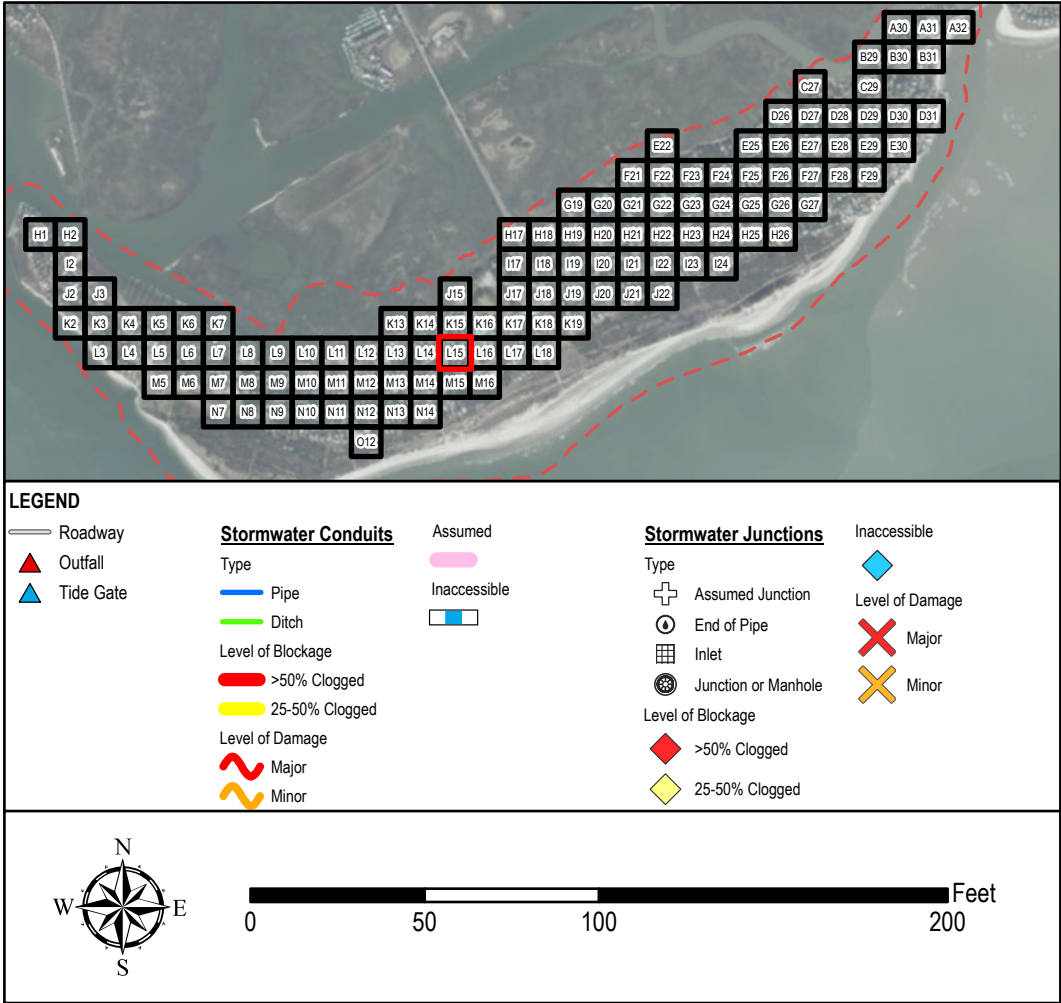
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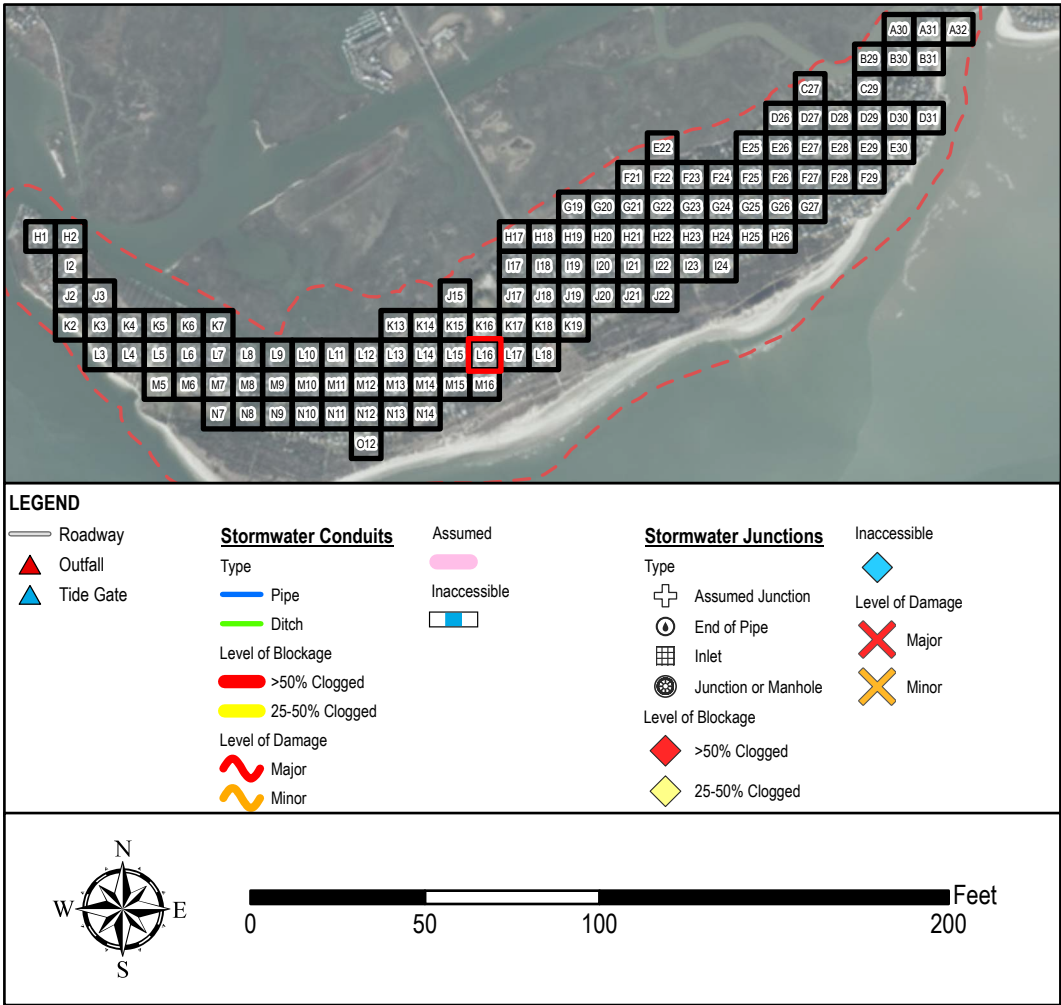
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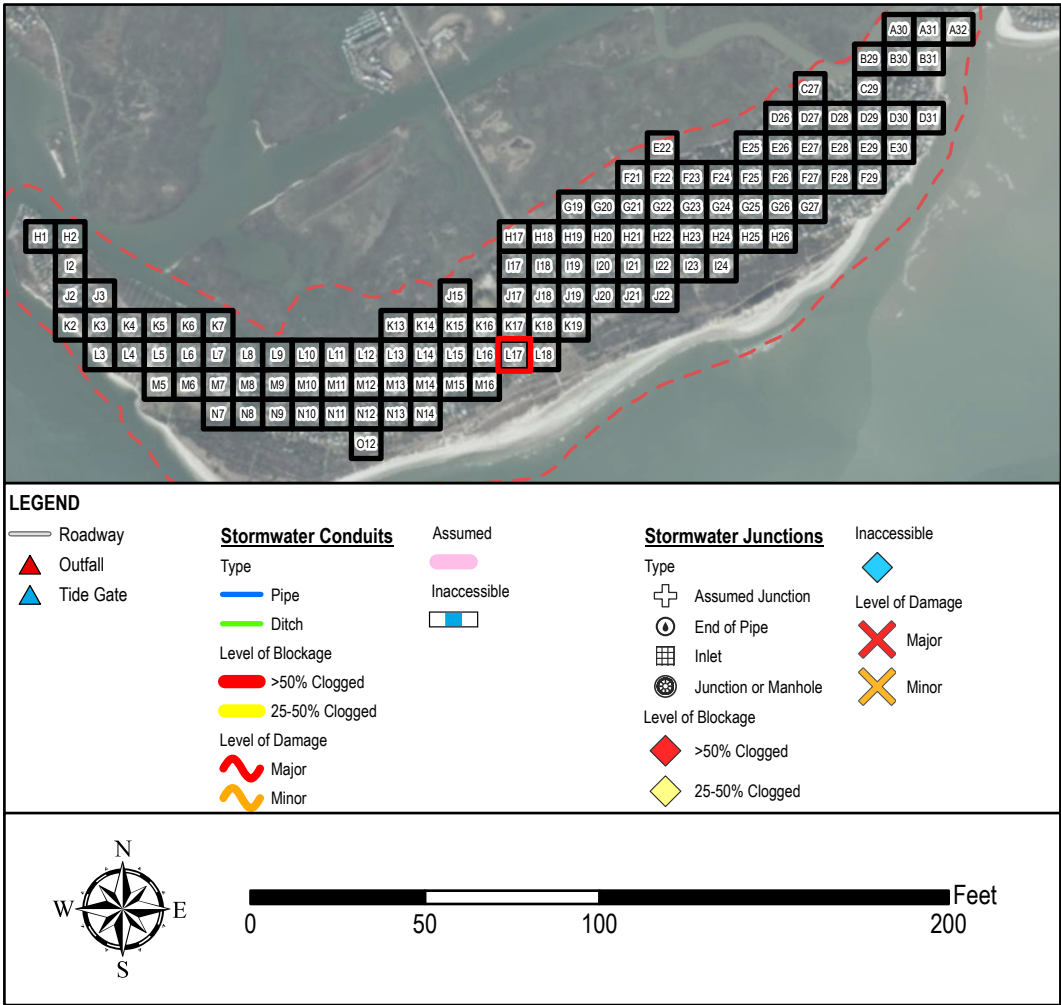
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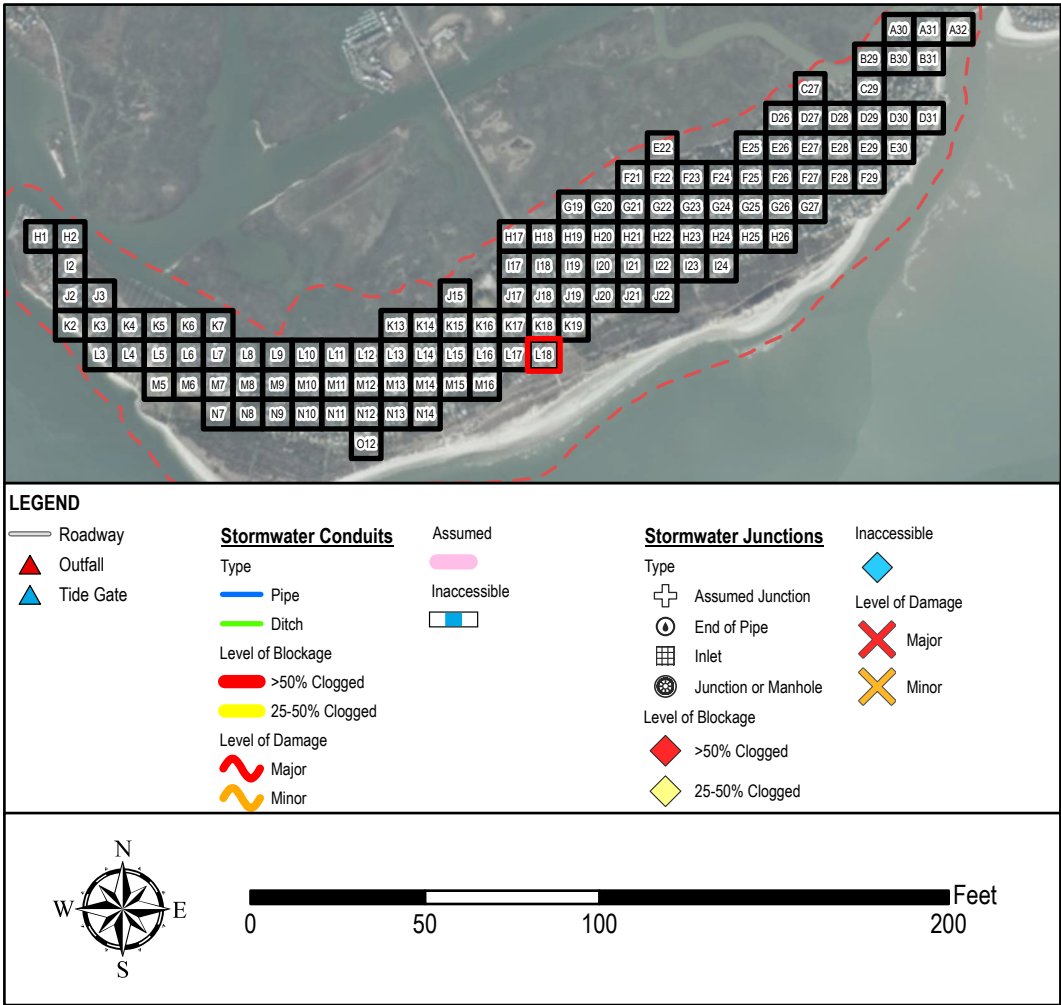
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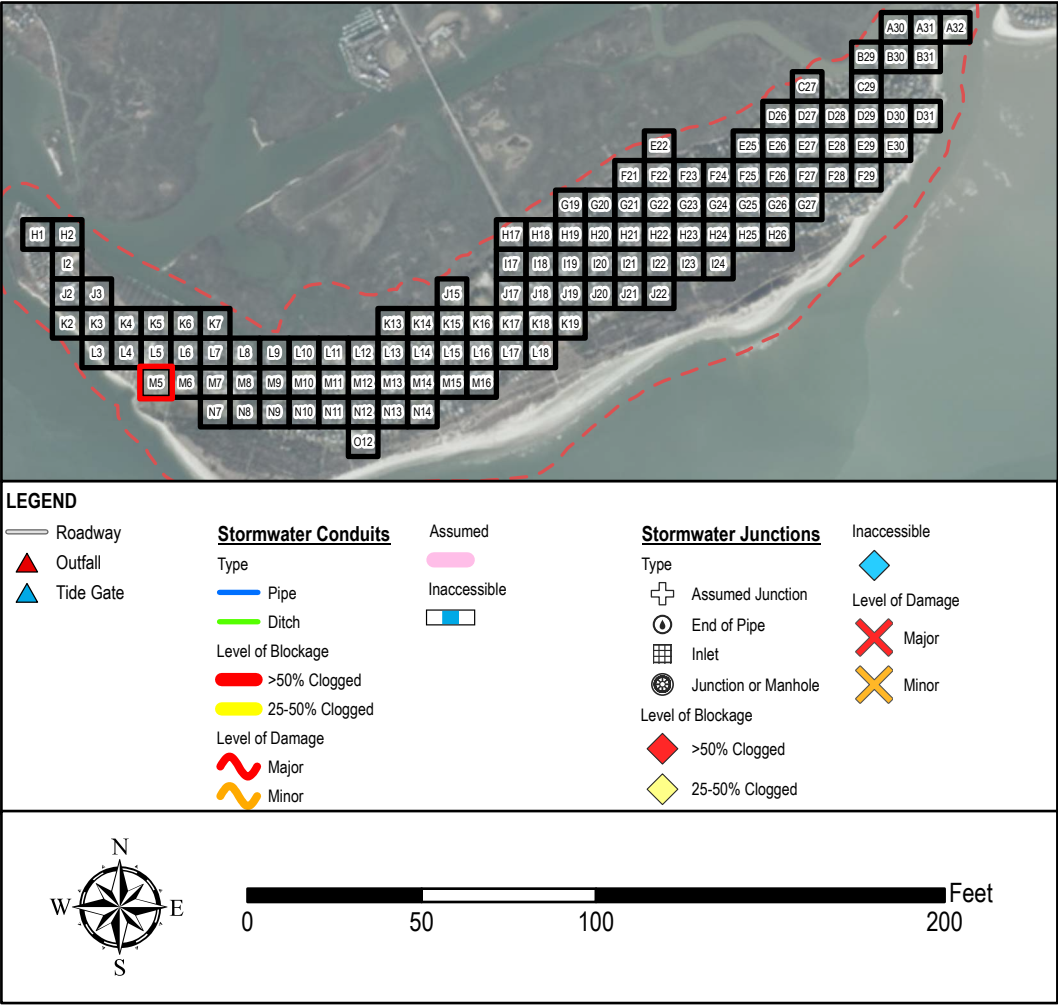
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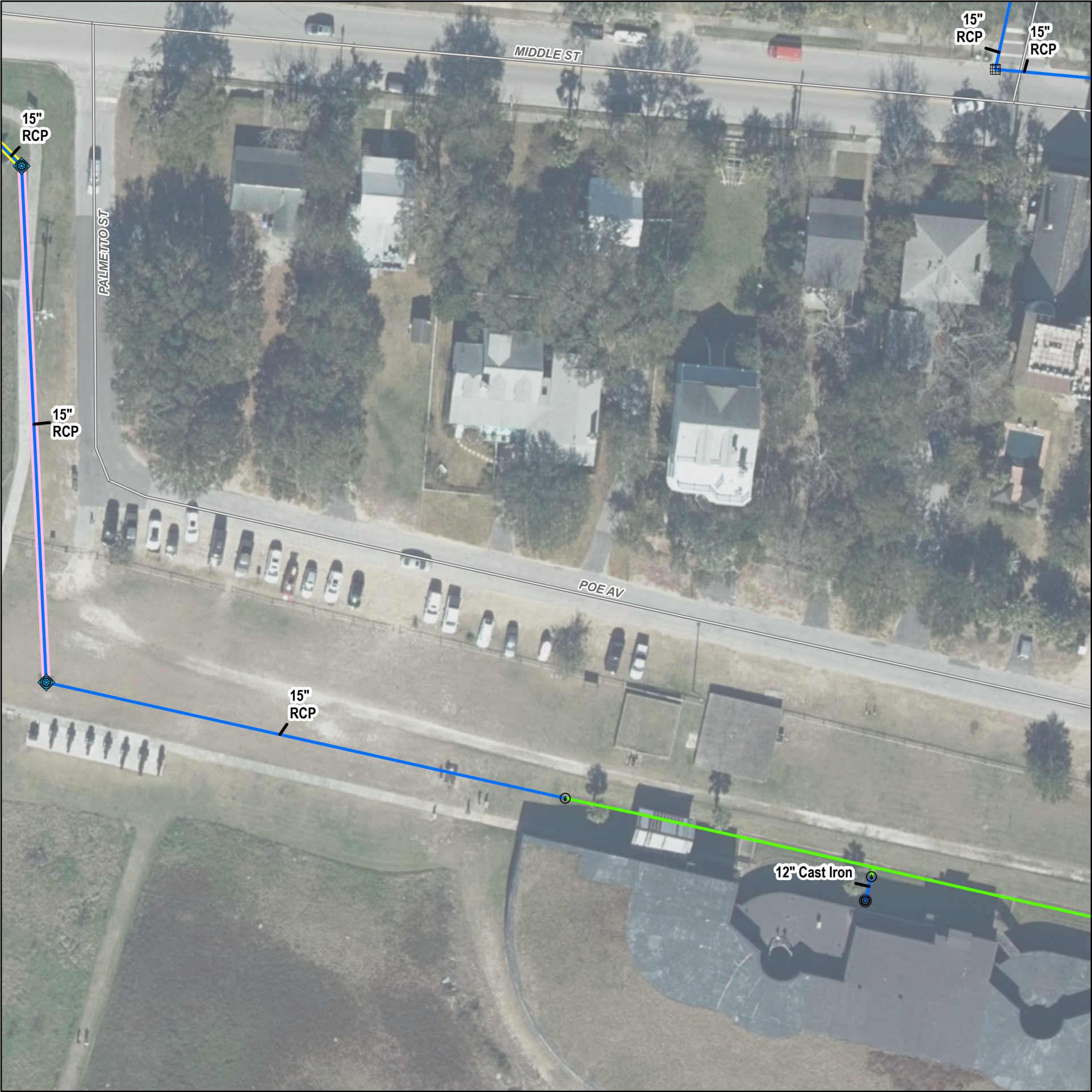
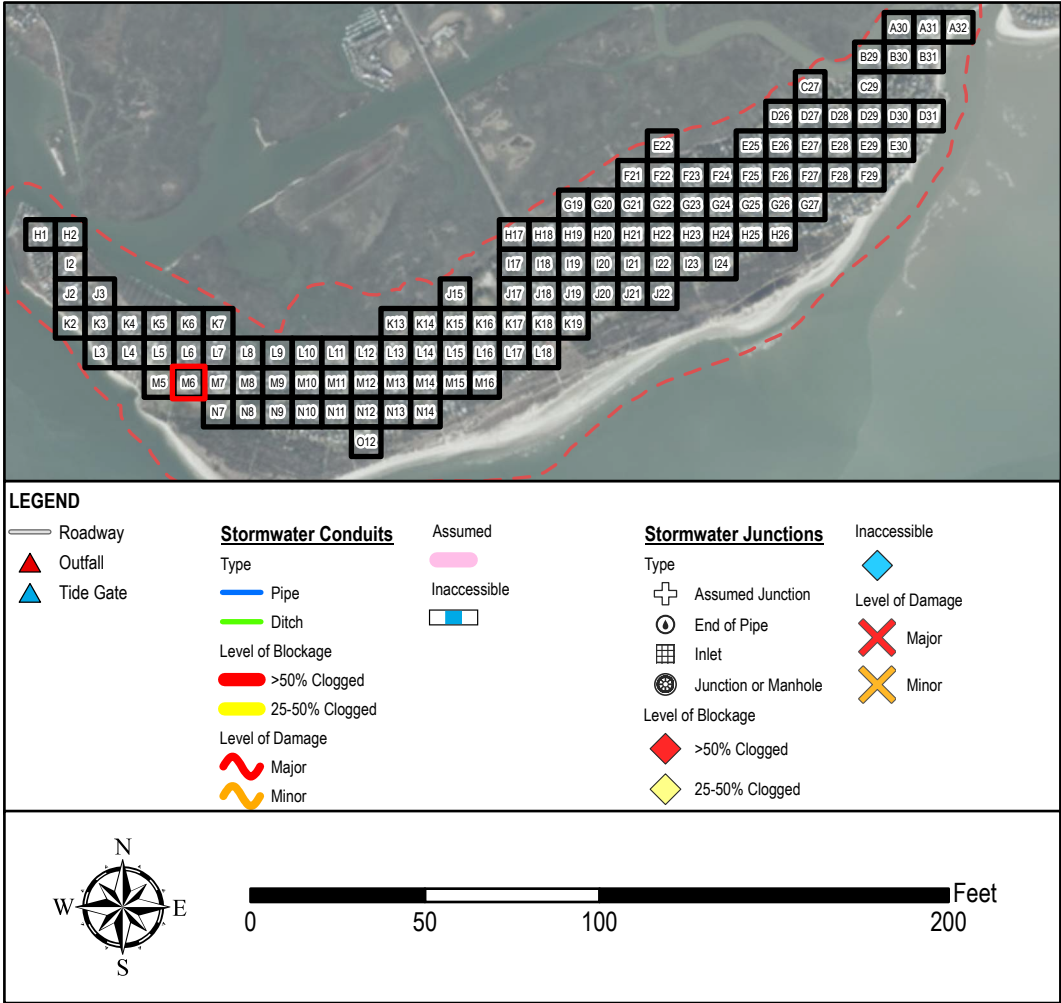
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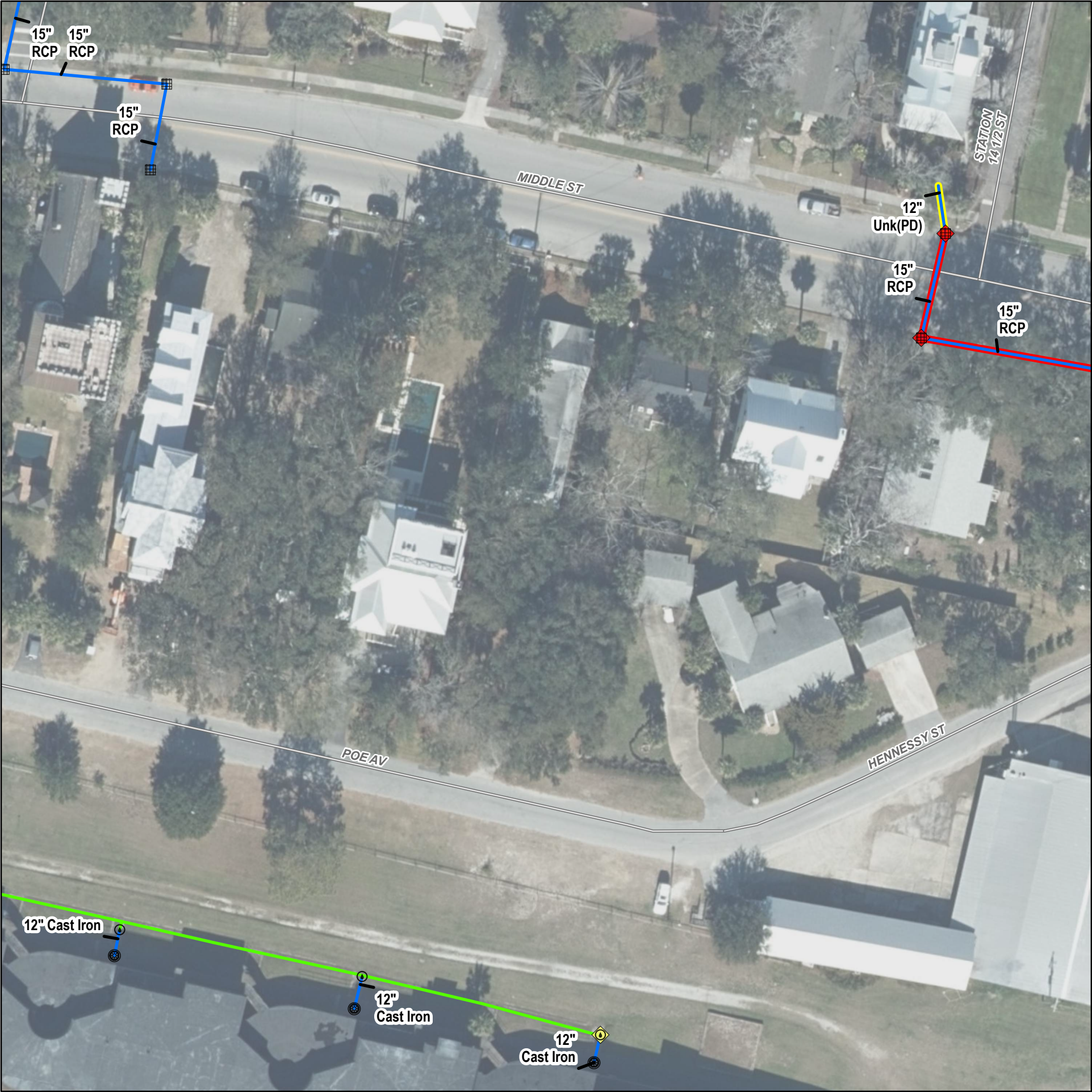
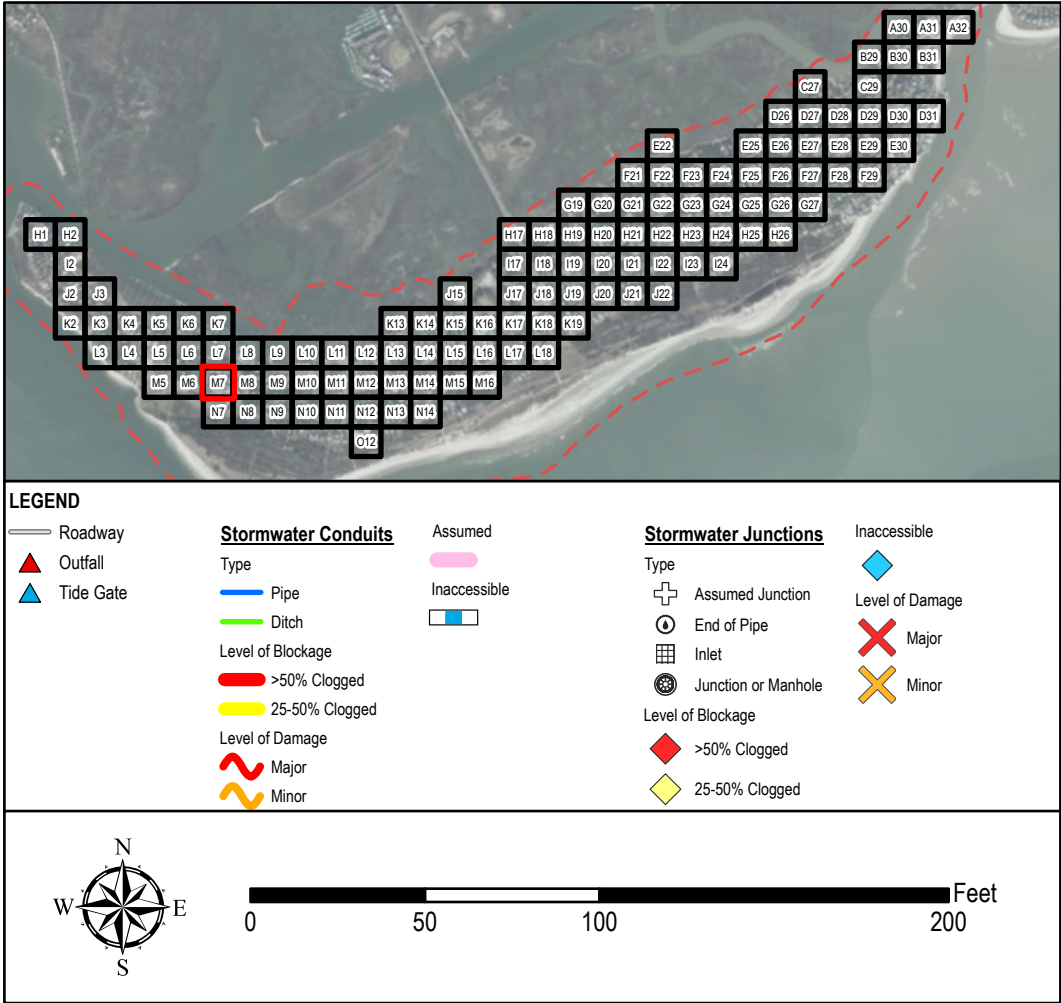
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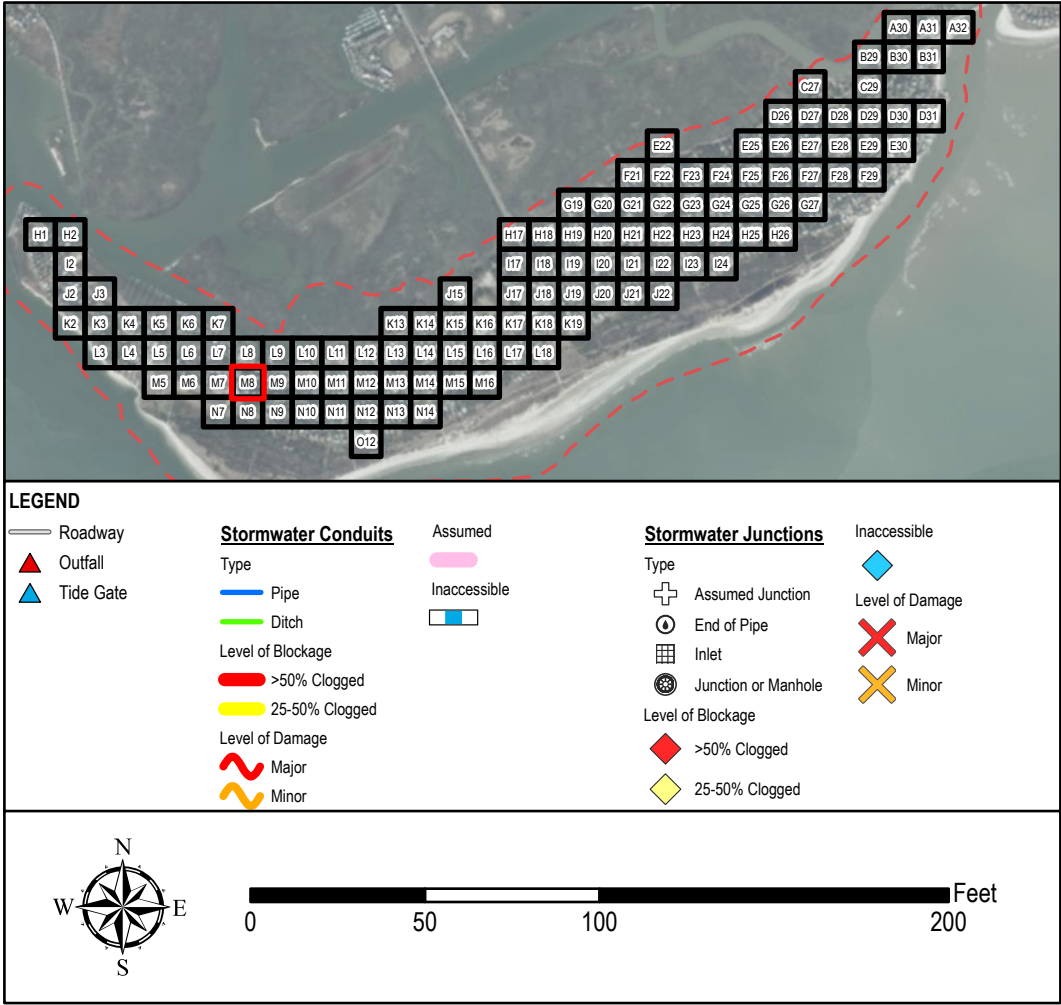
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<p align="center">Inventory of Drainage Infrastructure</p>		
<p align="center">Appendix A</p>	<p align="center">Sector M9</p>	<p align="center">Page 103 of 119</p>

Inventory of Drainage Infrastructure

Appendix A

Sector M9

Page 103 of 119

NOTES:

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LEGEND

	Roadway				
	Outfall	Stormwater Conduits	Assumed	Stormwater Junctions	Inaccessible
	Tide Gate	Type		Type	
		Pipe	Inaccessible		Level of Damage
		Ditch			Major
	Level of Blockage				Minor
	>50% Clogged				
	25-50% Clogged			Level of Blockage	
	Level of Damage			>50% Clogged	
	Major			25-50% Clogged	
	Minor				



A horizontal number line representing distance in feet. The line is marked with 0, 50, 100, and 200. A white rectangular bar is drawn above the line, starting at the 50-foot mark and ending at the 100-foot mark.



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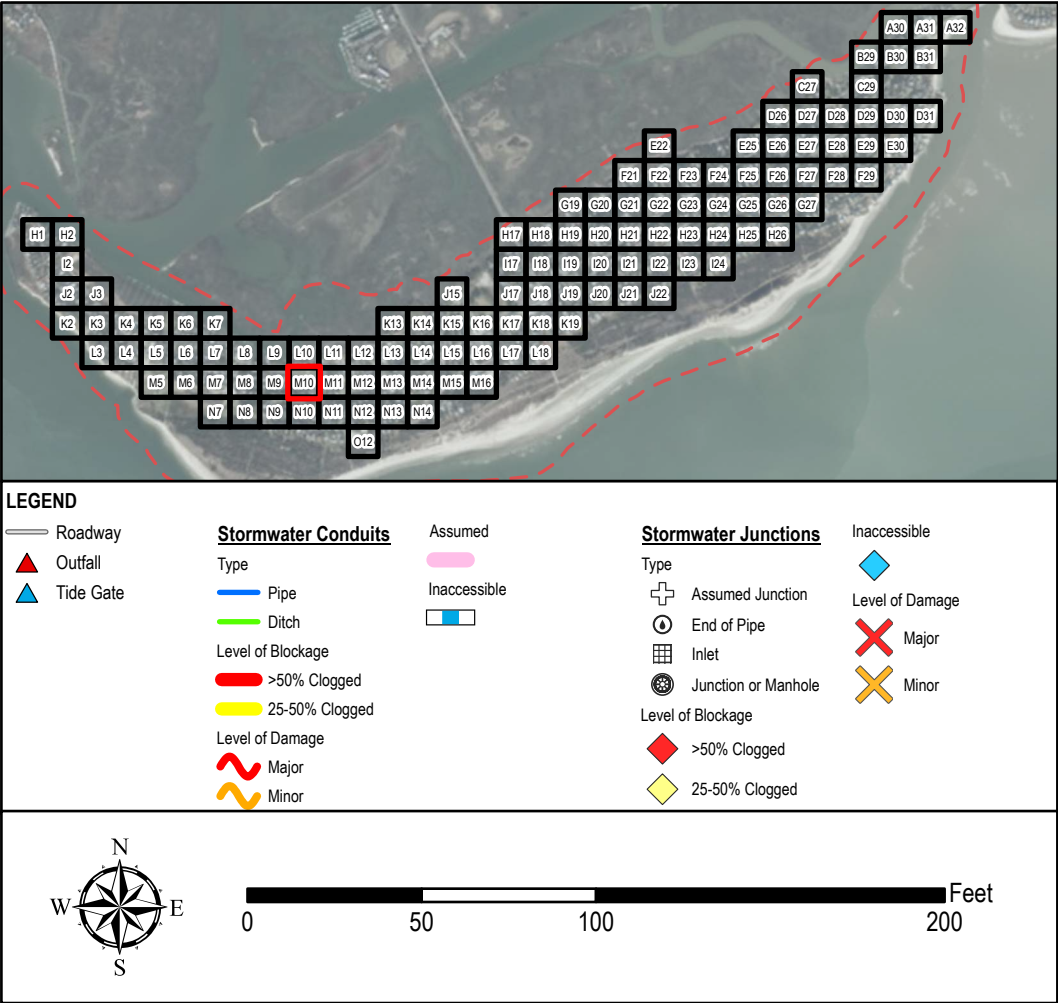
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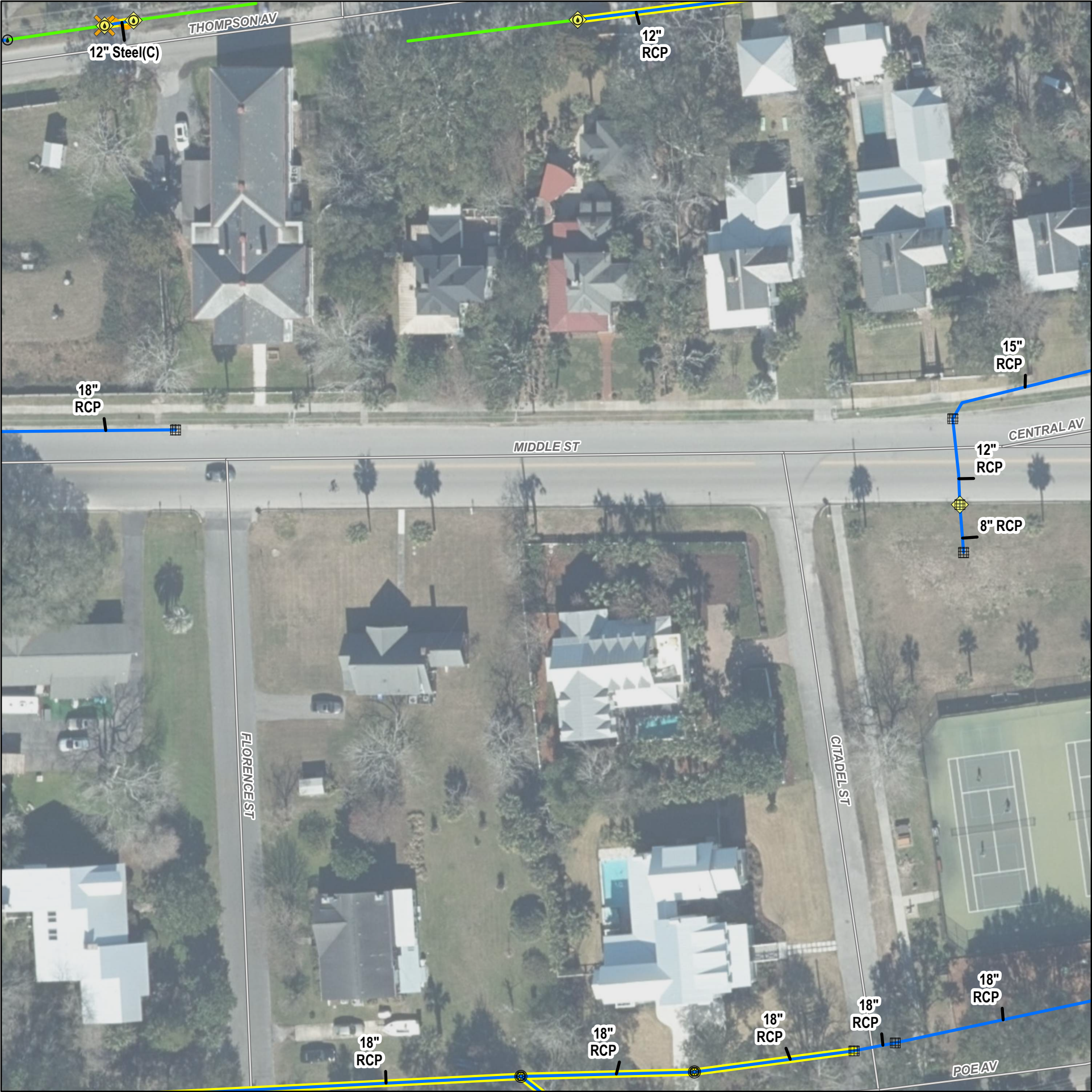
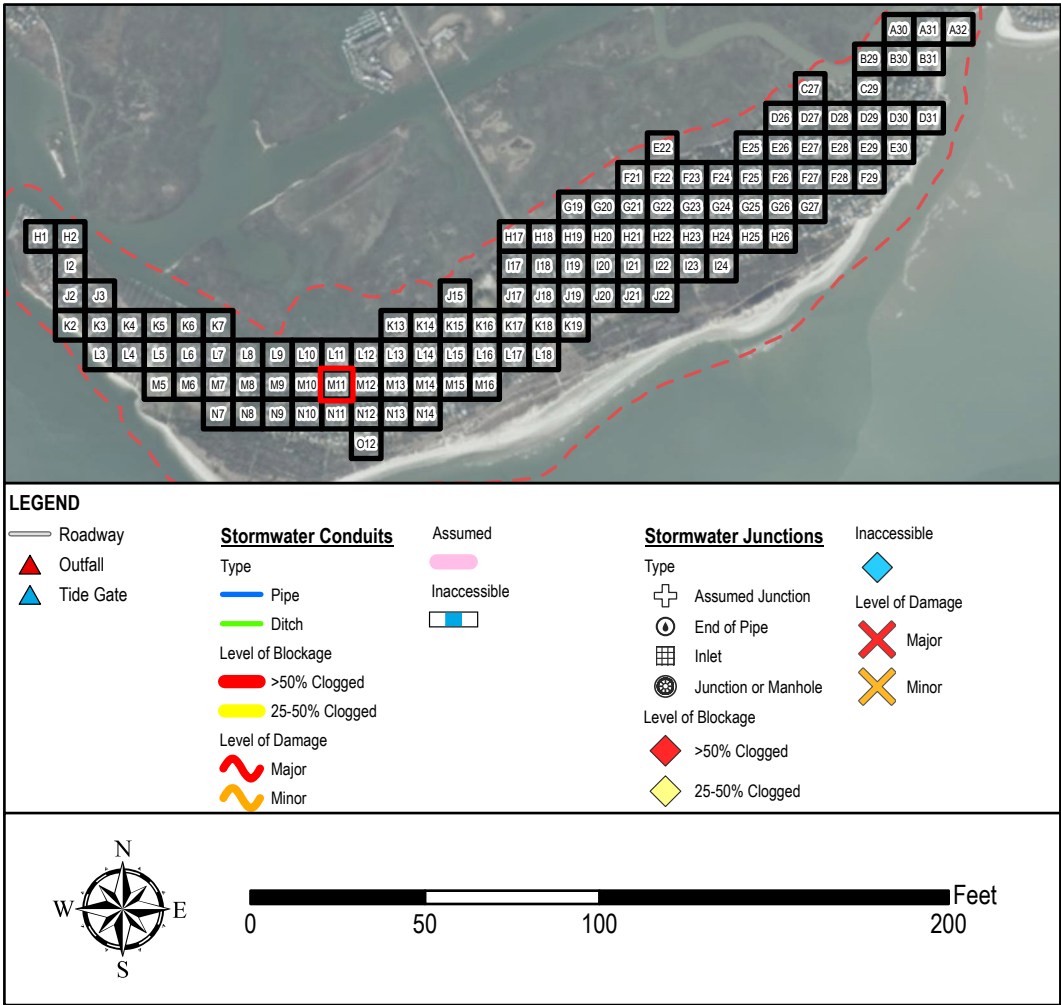
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<p align="center">Appendix A</p>	<p align="center">Sector M12</p>	<p align="center">Page 106 of 119</p>

Inventory of Drainage Infrastructure

Appendix A

Sector M12

Page 106 of 119



















NOTES:

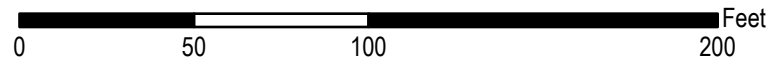
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LEGEND

- | | | | | | |
|---|-----------|---|---|---|---------------------|
|  | Roadway | | | | |
|  | Outfall |  | Assumed |  | Assumed Junction |
|  | Tide Gate | Type |  |  | End of Pipe |
| | | |  |  | Inlet |
| | | Level of Blockage |  |  | Junction or Manhole |
| | |  | |  | |
| | | >50% Clogged | |  | >50% Clogged |
| | |  | |  | 25-50% Clogged |
| | | 25-50% Clogged | | | |
| | | Level of Damage | | | |
| | |  | | | |
| | | Major | | | |
| | |  | | | |
| | | Minor | | | |



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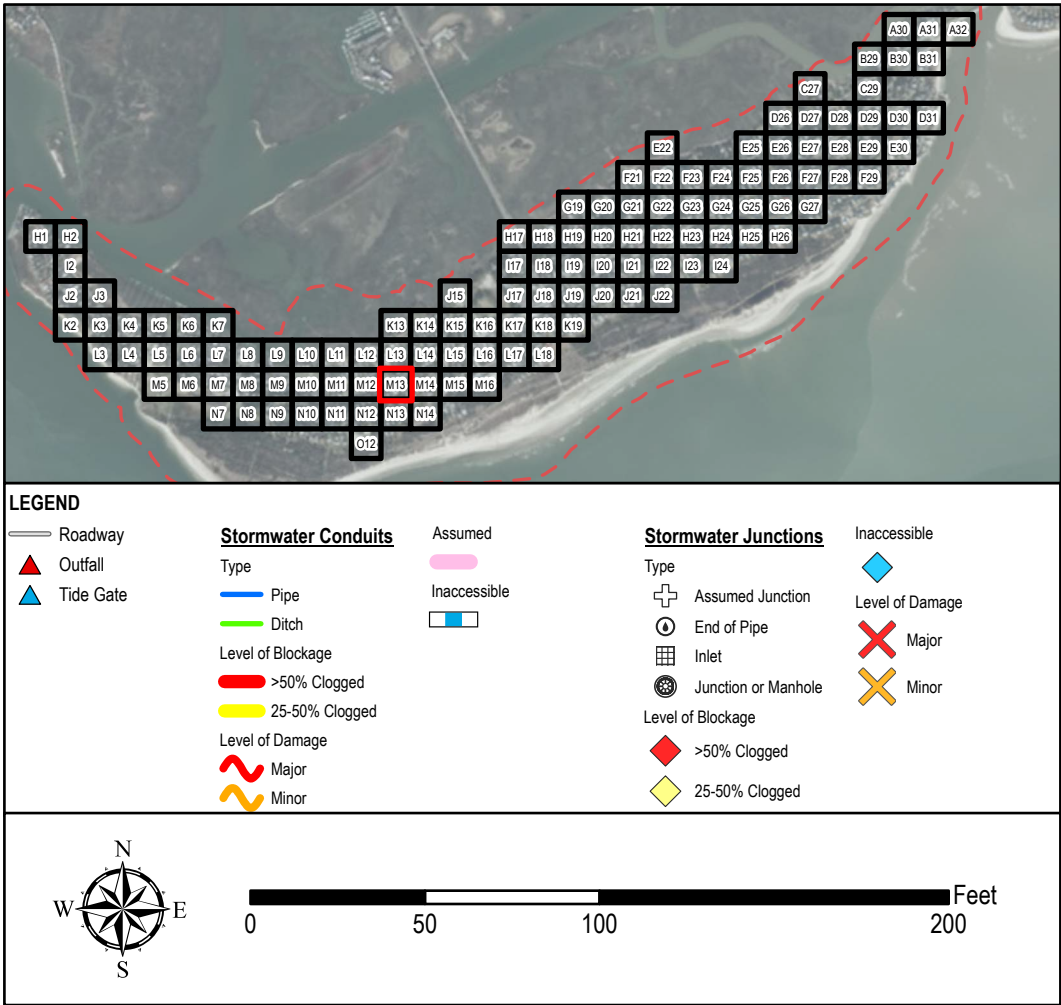
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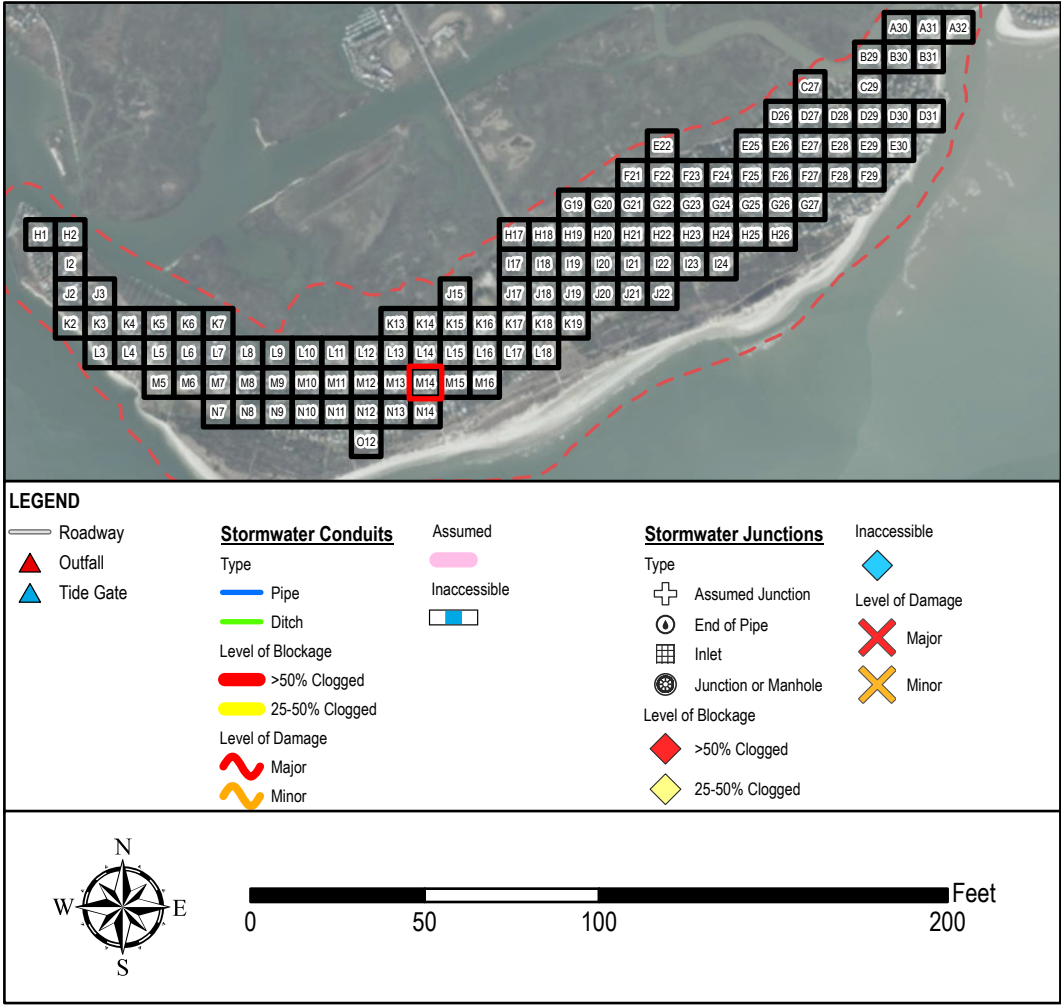
Unk for unknown material

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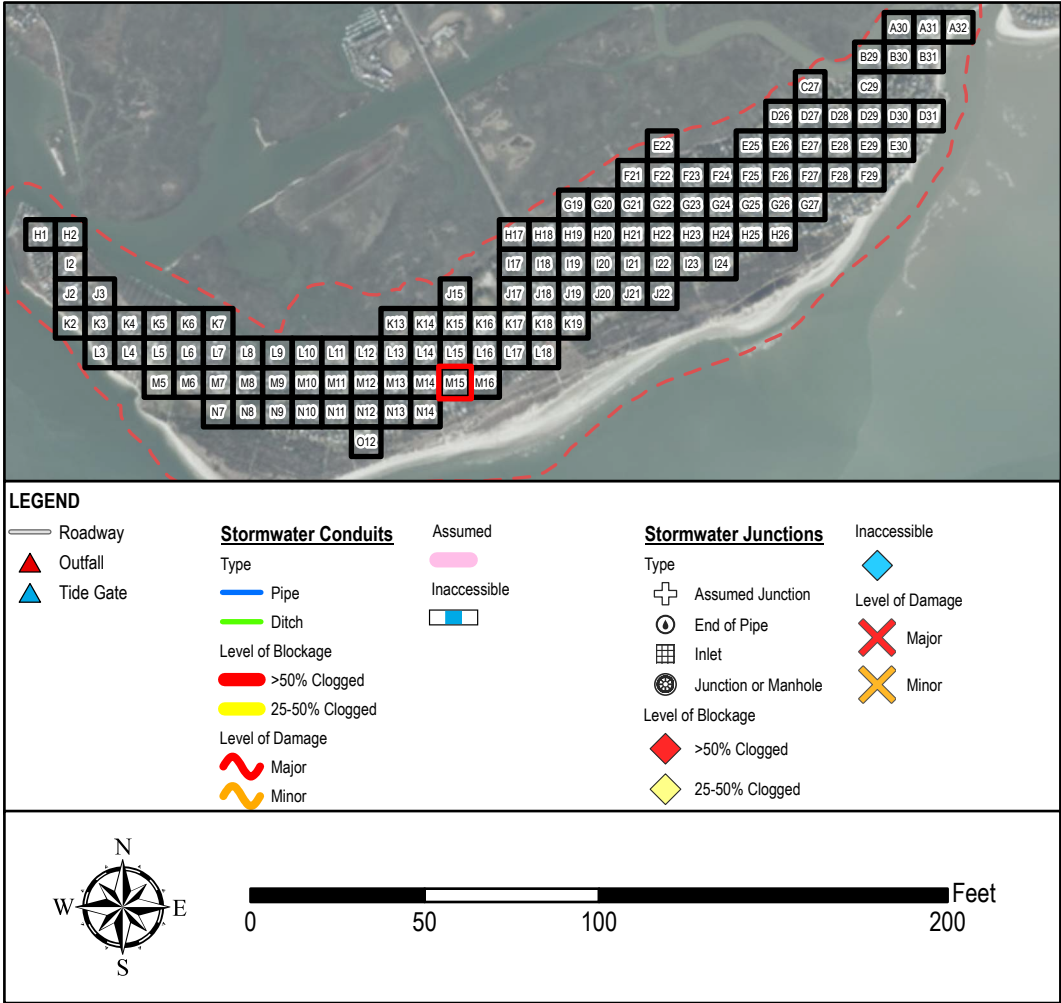
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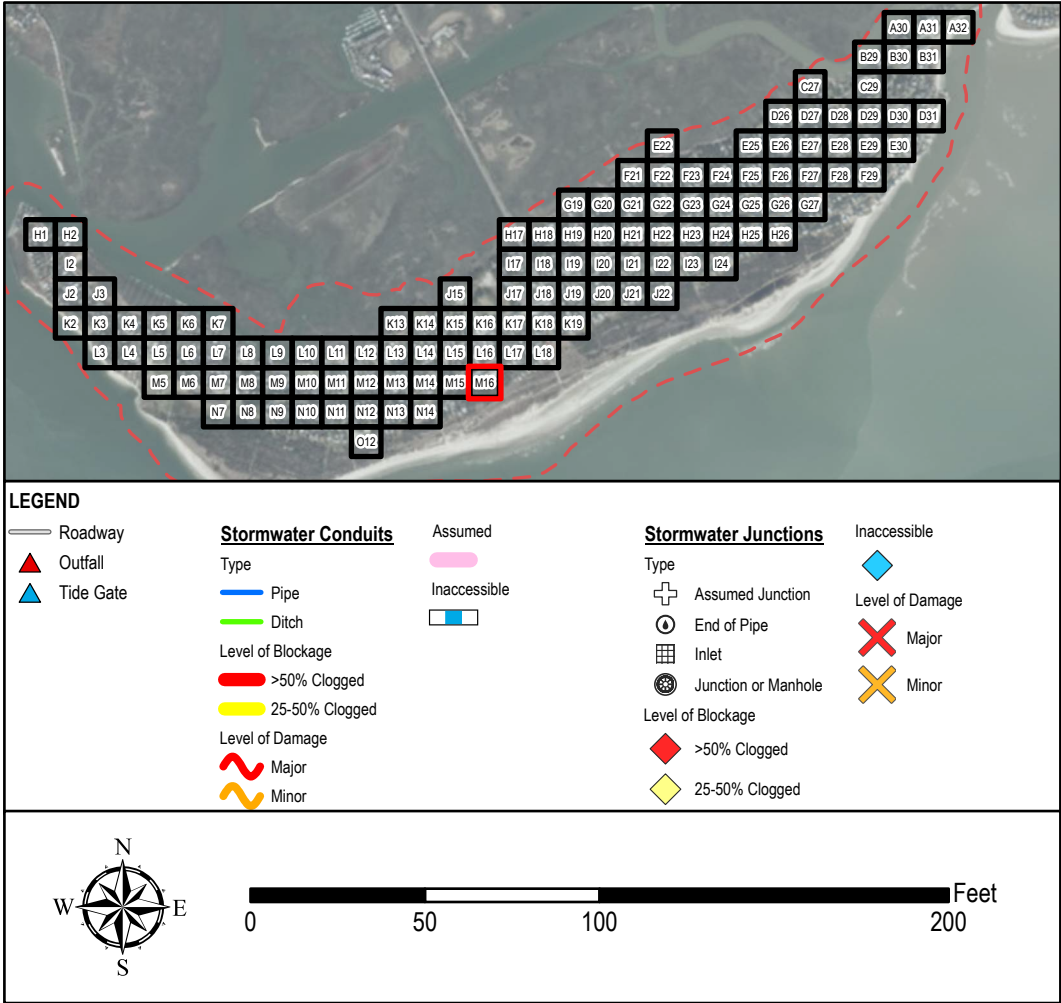
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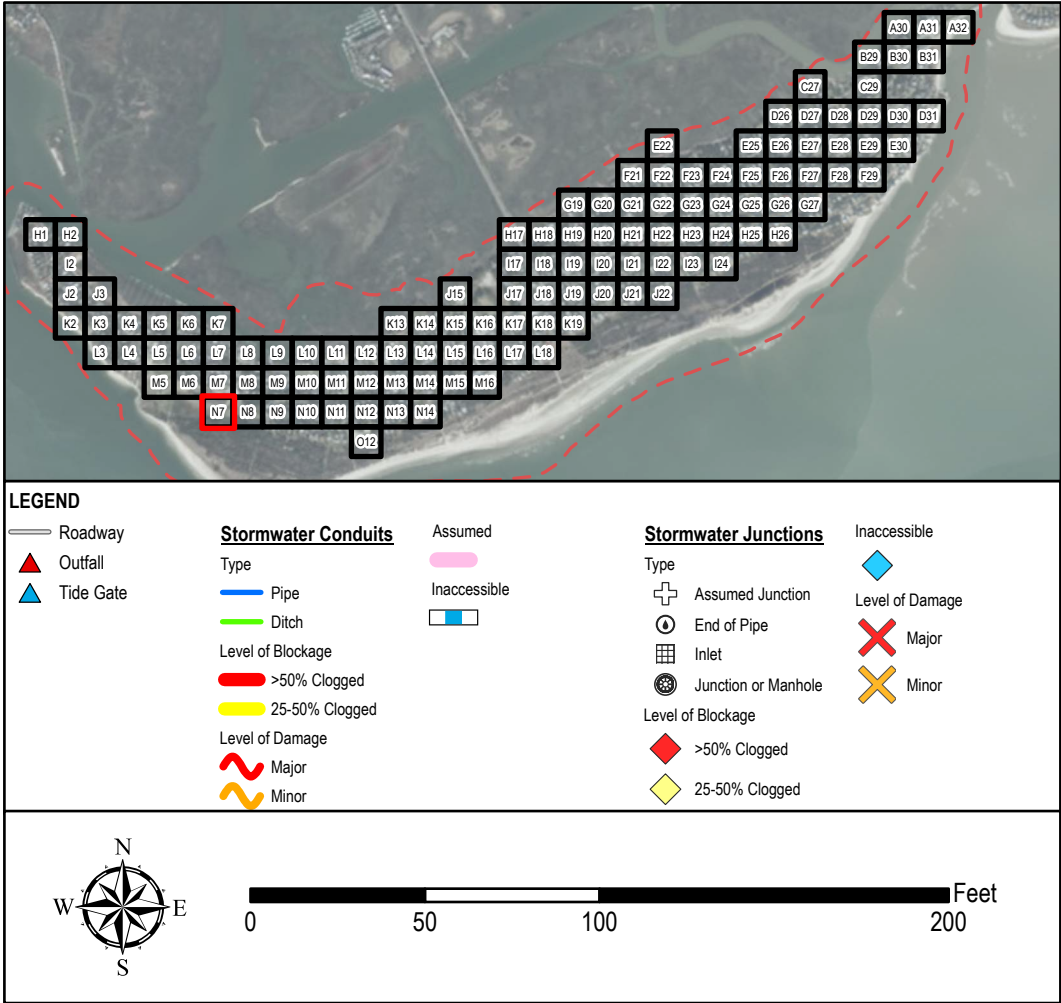
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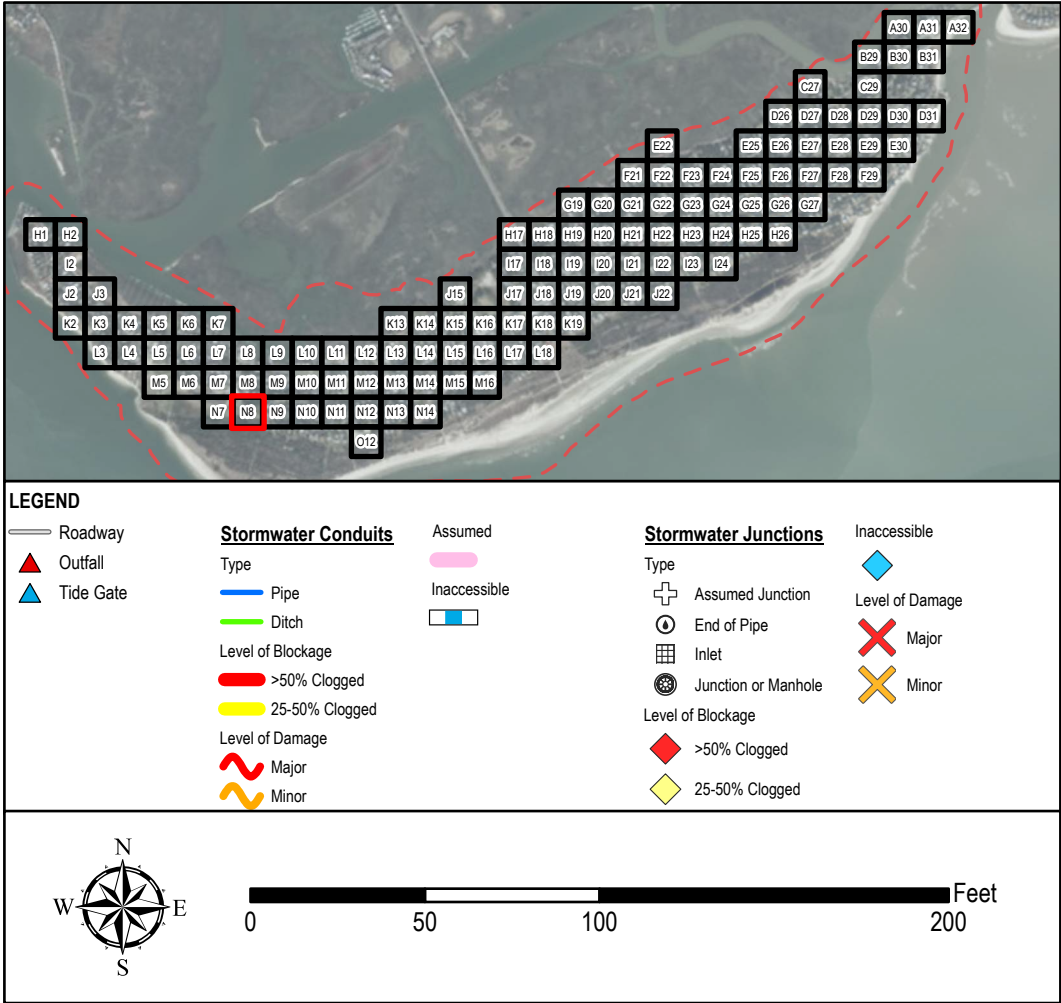
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<p align="center">Town of Sullivan's Island, SC Island-Wide Stormwater Master Plan and Infrastructure Improvement Strategy</p>		
<p align="center">Inventory of Drainage Infrastructure</p>		
<p align="center">Appendix A</p>	<p align="center">Sector N9</p>	<p align="center">Page 113 of 119</p>

Inventory of Drainage Infrastructure

Appendix A

Sector N9

Page 113 of 119

NOTES:

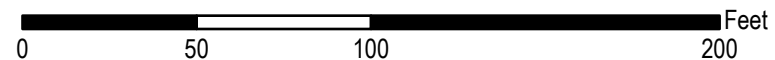
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LEGEND

	Roadway				
	Outfall				
	Tide Gate				
	<u>Stormwater Conduits</u>		<u>Stormwater Junctions</u>		
Type	Type	Assumed	Type	Inaccessible	
	Pipe			Assumed Junction	
	Ditch	Inaccessible		End of Pipe	Level of Damage
Level of Blockage				Inlet	Major
	>50% Clogged			Junction or Manhole	Minor
	25-50% Clogged		Level of Blockage		
Level of Damage				>50% Clogged	
	Major			25-50% Clogged	
	Minor				



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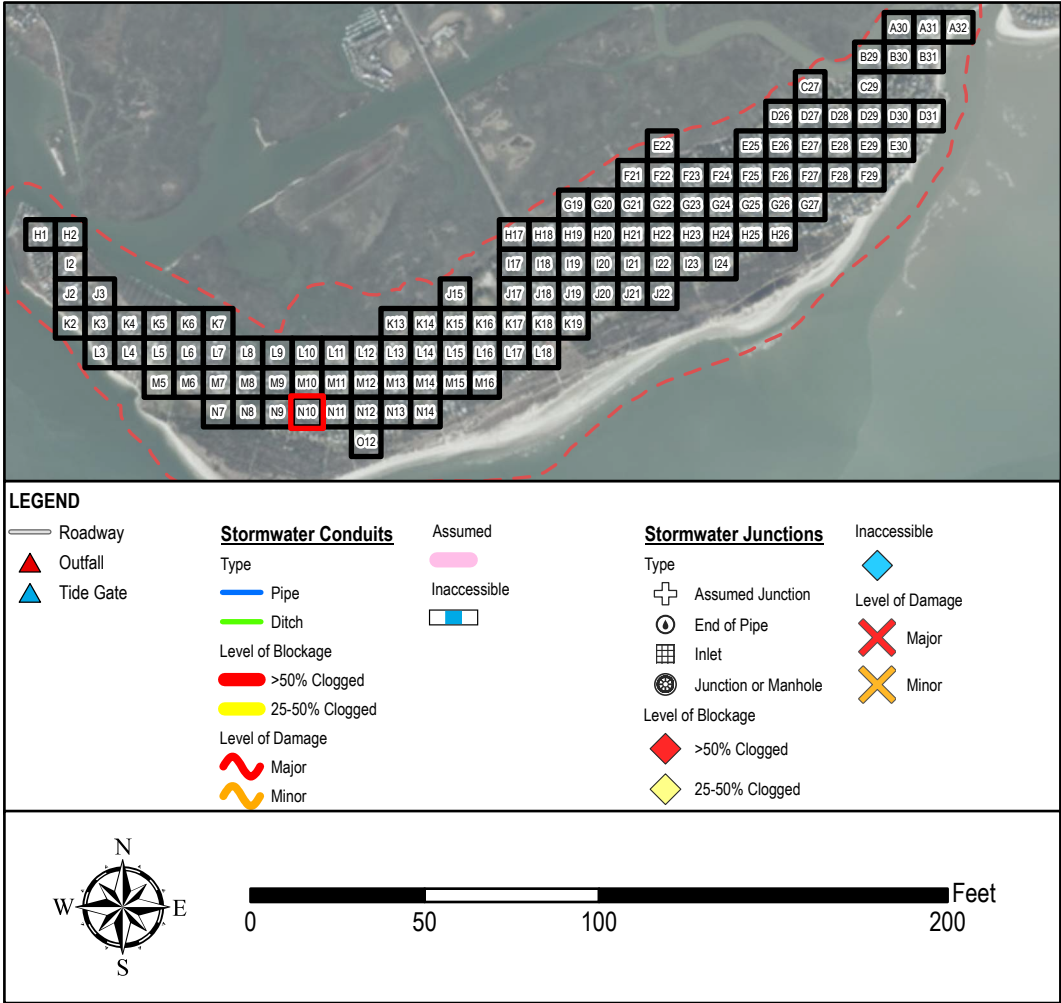
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<p align="center">Appendix A</p>	<p align="center">Sector N11</p>	<p align="center">Page 115 of 119</p>

Inventory of Drainage Infrastructure

Appendix A

Sector N11

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


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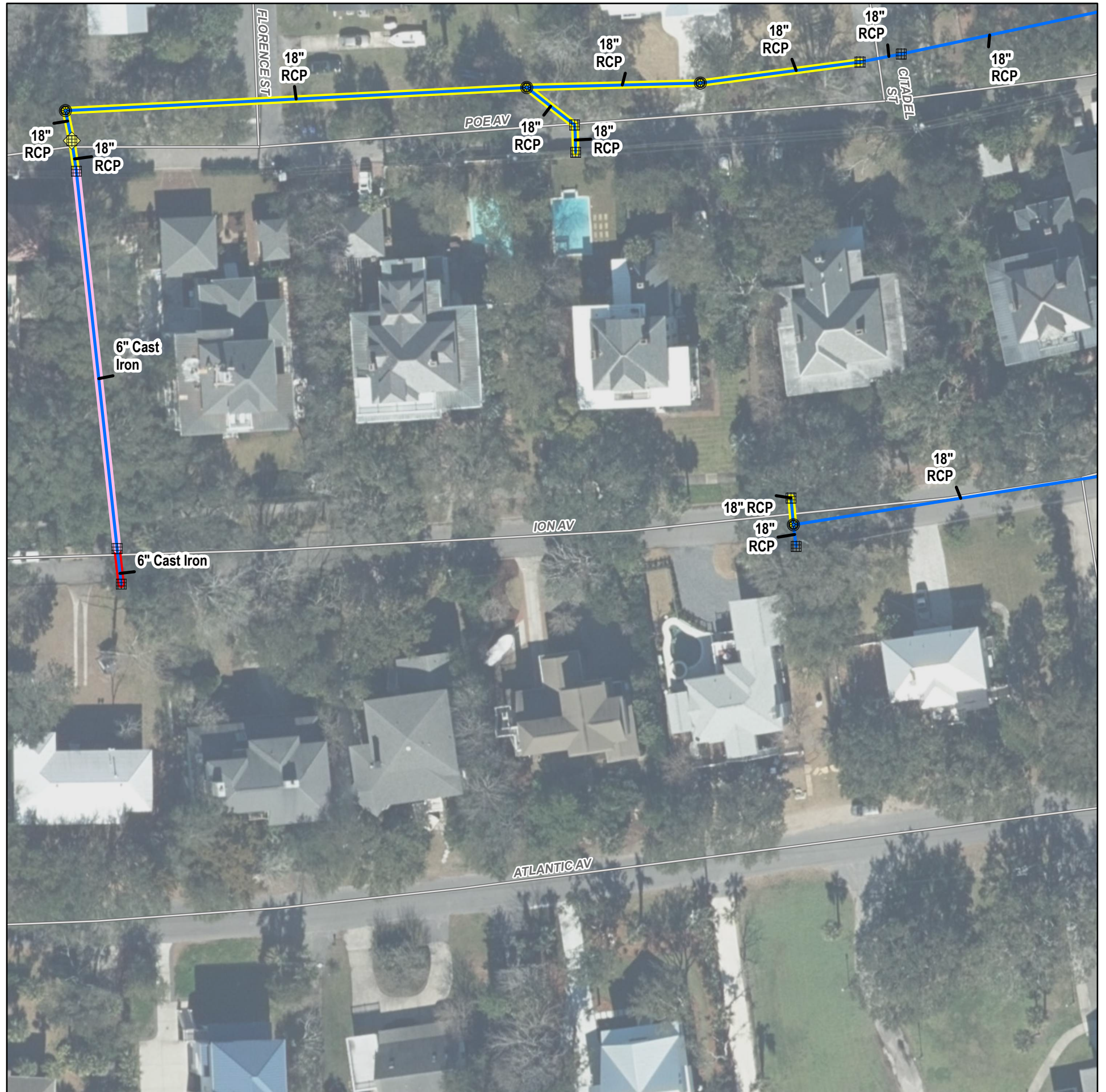


LEGEND

	Roadway		Assumed		Inaccessible	
	Outfall		Pipe		Assumed Junction	
	Tide Gate		Ditch		End of Pipe	
	Level of Blockage		Inaccessible		Inlet	
		>50% Clogged			Junction or Manhole	
		25-50% Clogged			Level of Blockage	
	Level of Damage				>50% Clogged	
		Major			25-50% Clogged	
		Minor				
						Major
						Minor



A horizontal number line is shown with tick marks at 0, 50, 100, and 200. The word "Feet" is written at the right end of the line. A white rectangular bar is drawn above the line, starting at the 50 mark and ending at the 100 mark.



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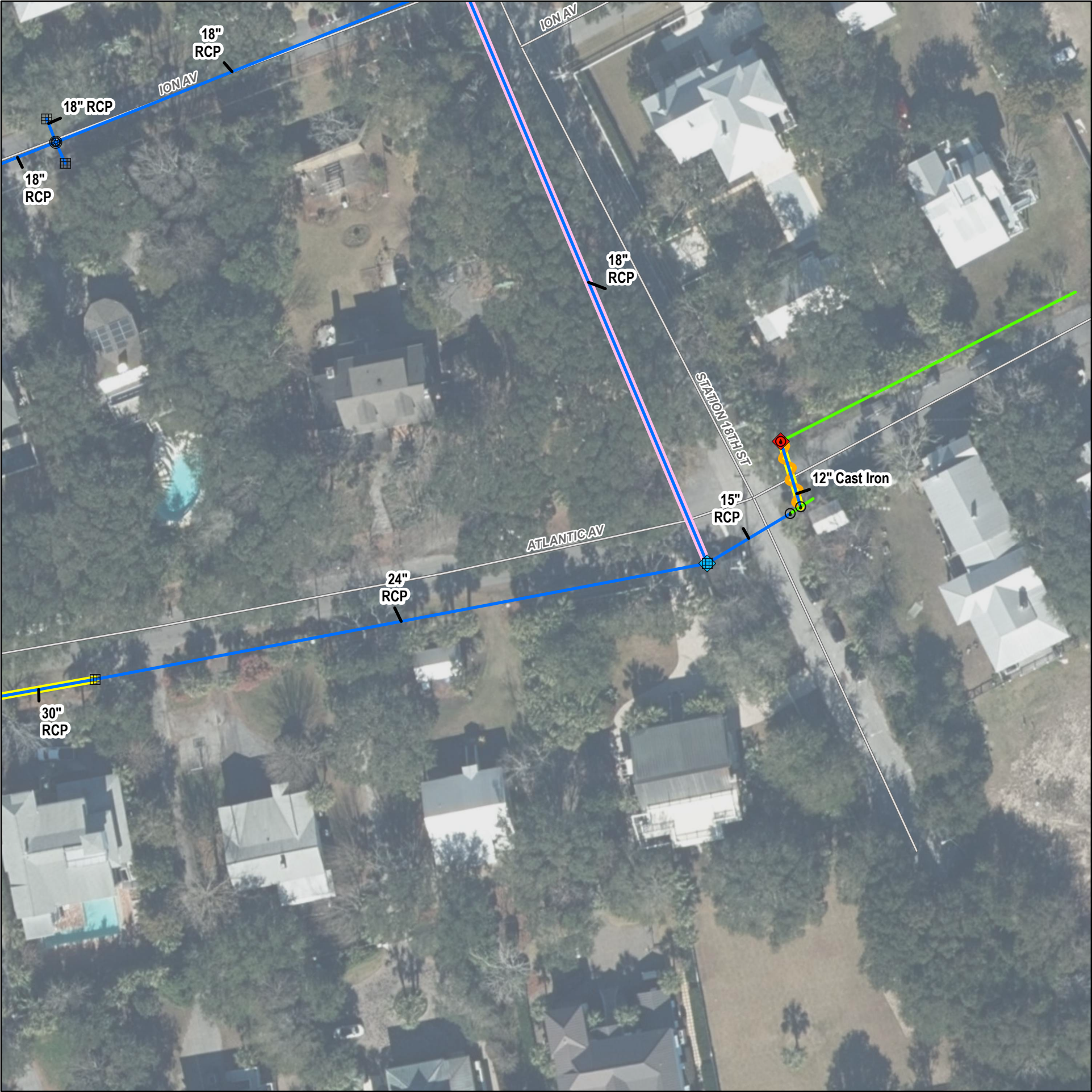
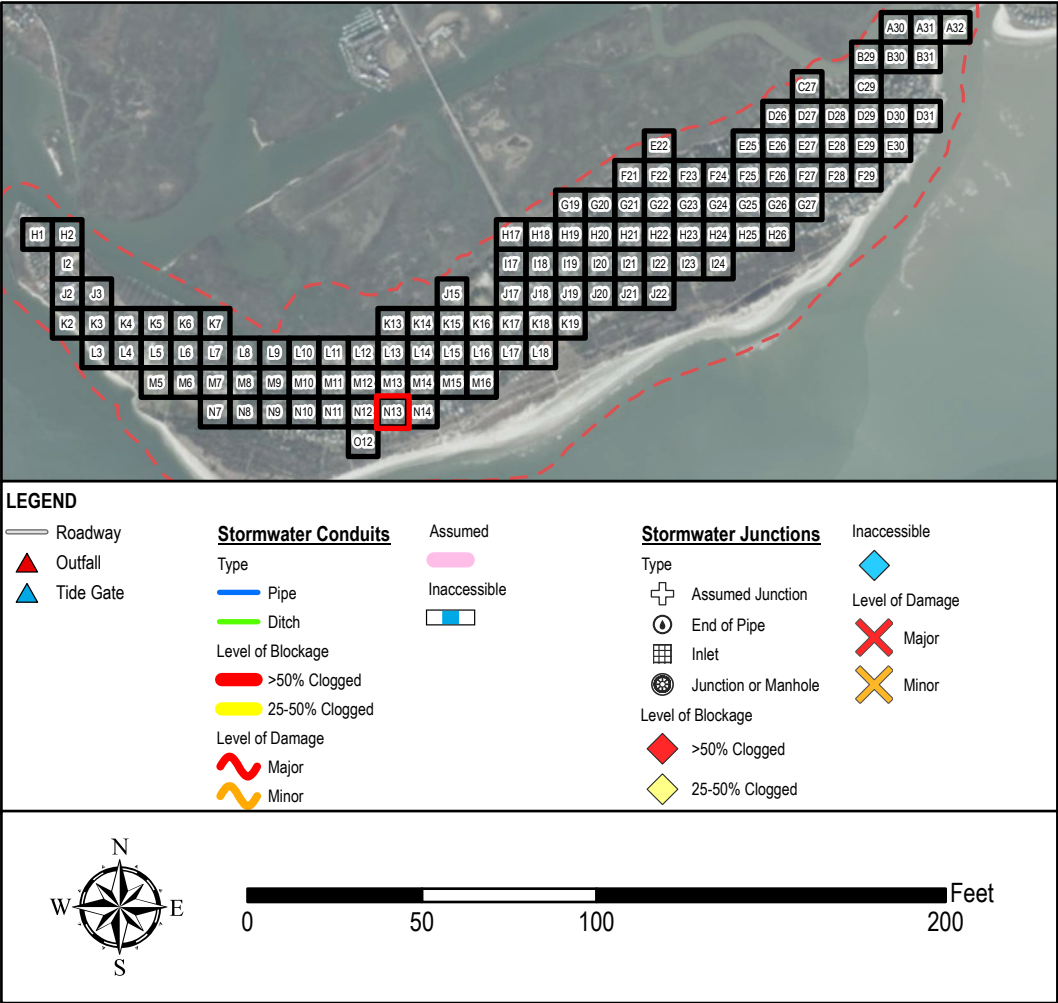
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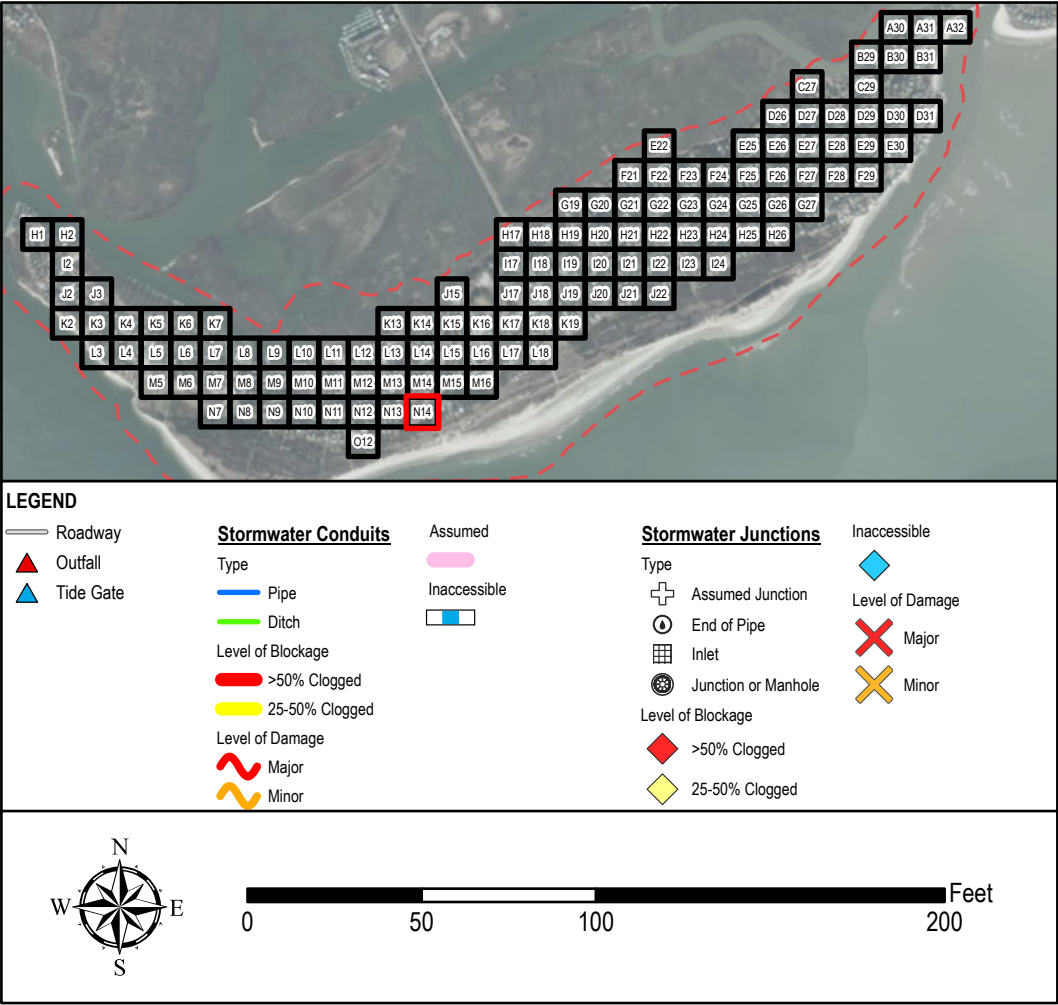
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