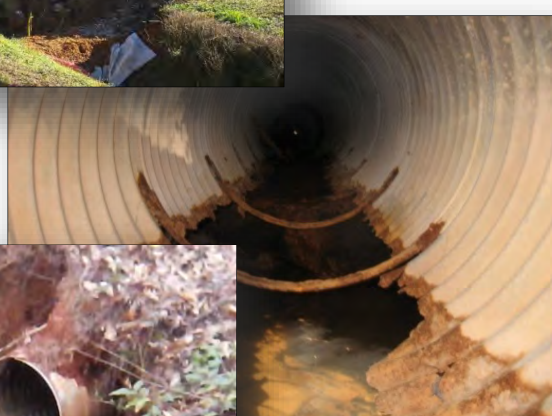
2023 SPLOST Information

Stormwater

Canterbury Lane

Westbridge Circle



East Lake Drive

Grande Court

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April 2023

FAYETTE COUNTY STORMWATER INFRASTRUCTURE IMPROVEMENTS

Fayette County owns and maintains miles of storm drainage pipes and associated drainage infrastructure for managing stormwater flowing under Fayette County Roads. This is comprehensively referred to as the Municipal Separate Storm Sewer System and includes items such as: storm drainage pipes, box culverts, gutters, ditches, swales, catch basins, and inlets.

A portion of the county's storm drainage infrastructure is in need of repair or replacement due to deterioration of corrugated metal pipe that is approaching or exceeding its expected useful life. Deteriorated, damaged, poorly maintained, and/or undersized pipes and structures can result in potentially serious safety, infrastructure, flooding, and environmental problems.

The drainage system improvements identified herein provide for repair and replacement of drainage systems under and adjacent to roadways that have deteriorated to the point where they no longer function as intended.

Category I	**TOTAL**	**$3,638,000**

Flooding and Safety: Replacement or rehabilitation of Stormwater Drainage Systems where failure or improper operation may result in loss of property or probable loss of human life. This includes dams classified by the Georgia Safe Dams program that are within Fayette County right-of-way. All projects listed in this category are in need of immediate replacement.

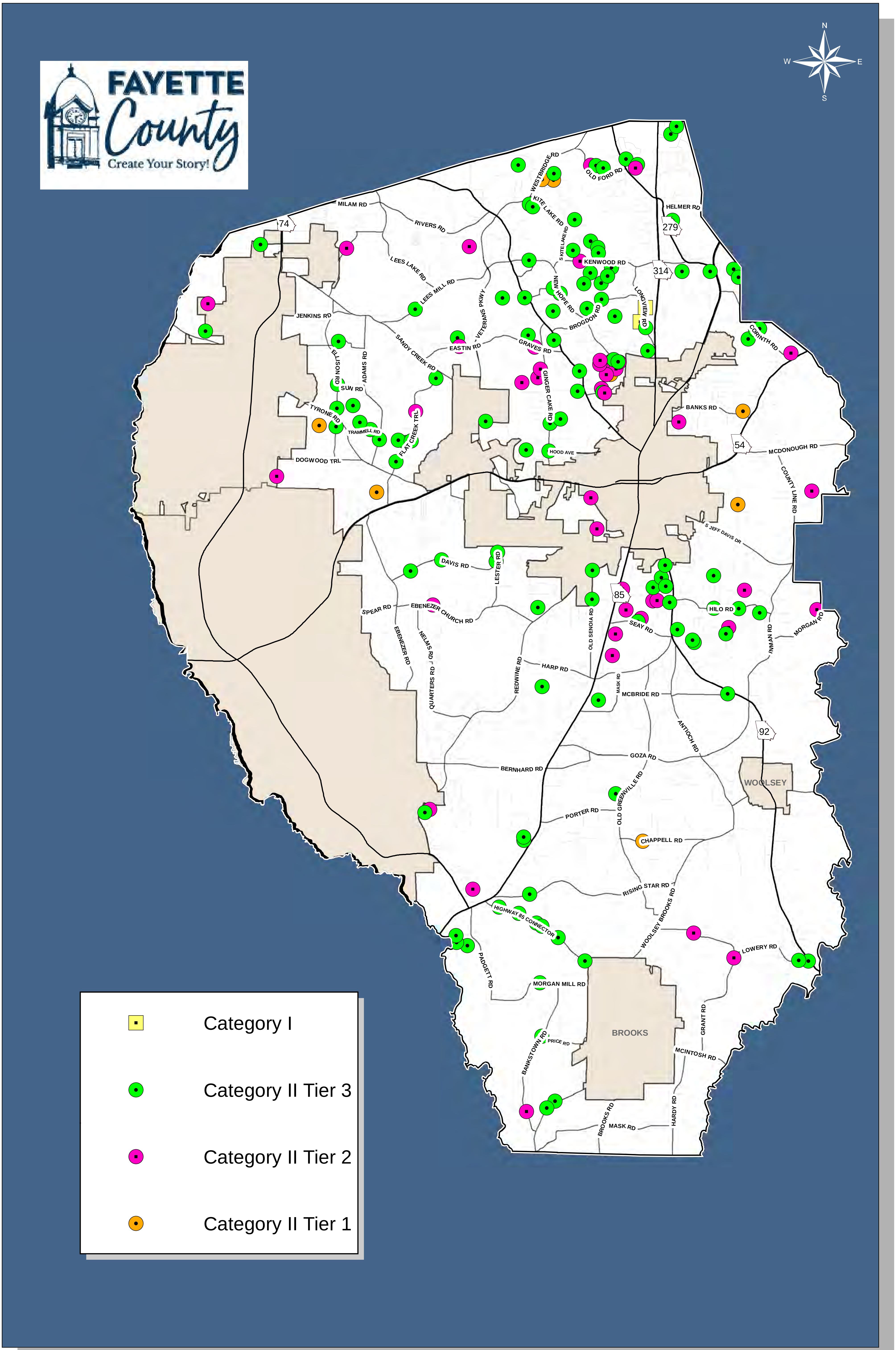
Category II	**TOTAL**	**$17,990,900**

Stormwater Infrastructure Preservation Projects: Deformation or damage of Stormwater Drainage Systems which may affect the drainage capacity or overall function of the structure. These projects have been subcategorized into three tiers.

Tier I: In need of immediate attention	$ 3,336,654.78
Tier II: In need replacement soon	$12,103,103.09
Tier III: Exhibits damage affecting drainage capacity or overall function	$ 2,551,142.13

2023 SPLOST	***TOTAL***	***$21,628,900***

SPLOST 2023 Stormwater Improvements



2023 STORMWATER SPLOST

Category I

Project Name / Location		Project Cost Estimate
KOZISEK DAM	$	1,437,060.00
LONGVIEW DAM	$	2,200,940.00

Category I Total Cost Estimate	**$**	**3,638,000.00**

2023 STORMWATER SPLOST

Kozisek Dam

Category I

Project Cost Estimate:

$1,437,060

Kozisek Dam is a Safe Dams Program Category I structure adjacent to and possible partially within the County right-of-way of Neely Road. This project includes evaluation, design, permitting, and construction of necessary improvements and changes to Neely Road to ensure it safely passes design flows and removes County liability/ownership associated with the dam.

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2023 STORMWATER SPLOST

Longview Dam

Category I

Project Cost Estimate:

$2,200,940

Longview Dam is a Safe Dams Program Category I structure located within County right-of-way of Longview Road. The project consists of performing the necessary evaluation, design, permitting, and construction to bring the structure into compliance with the Georgia Safe Dams Act of 1978.

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2023 STORMWATER SPLOST

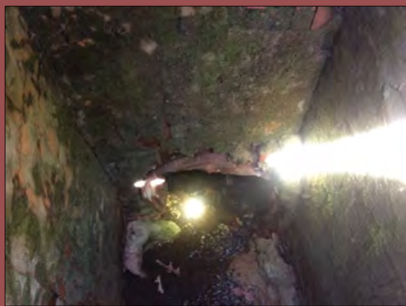
Category II, Tier I

Project Name / Location	Project Cost Estimate	
AVALON DRIVE (#514)	$	232,484.00
BRANDON MILL CIRCLE-SOUTH (#215)	$	756,824.84
CALLAWAY ROAD (#266)	$	937,466.00
CHAPPELL ROAD (#364)	$	655,206.60
DEER FOREST TRAIL (#120)	$	246,031.00
SCOTT BLVD. (#160)	$	155,256.00
WESTBRIDGE DRIVE (#503)	$	205,869.34
WESTBRIDGE DRIVE (#517)	$	147,517.00
Category I Total Cost Estimate	**$**	**3,336,654.78**

2023 STORMWATER SPLOST

514 Avalon Drive

Category II, Tier I



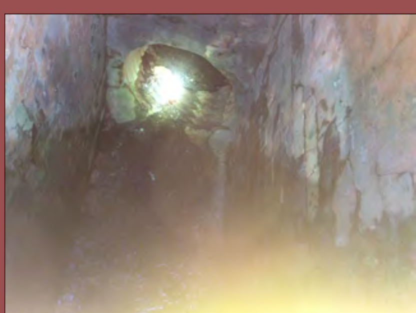
Existing Conditions

Diameter: 30”

Length: 300’

Material: Corrugated Metal Pipe (CMP)

Project Cost Estimate:
$232,484



Project Cost Estimate		
Design / Engineering	$	22,885
Right of Way Acquisition	$	10,000
Environmental	$	10,000
Utility Relocation	$	10,752
Construction	$	178,847
Total Cost Estimate	**$**	**232,484**

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Roadway Construction, Utility Relocation and ROW Quantity Calculations

Roadway Construction	Removal Unit Cost	Installation Unit Cost	Amount	Total Cost
Pavement (SF)	$1.47	9.74	$ 600.00	$6,726.40
Curb and Gutter (LF)	$11.25	50.00	$ -	$-
Drain Inlet (EA)			$ -	$-
4" Sidewalk (SY)			$ -	$-
Guardrail (LF)			$ -	$-
End Anchorage (EA)			$ -	$-
Subtotal				$6,726.40
Grading Complete (5% of Rwy Items & Drng Total $)				$6,156.77
Roadway Total				$12,883.17

Drainage	Removal Unit Cost	Installation Unit Cost	Amount	Total Cost
Trench Excavation (CY)		12.98	$ 600.00	$7,788.00
30" CMP (LF)	$24.53		$ 300.00	$7,357.50
48" RCP (LF)		223.47	$ 300.00	$67,041.00
Class A Conc (CY)		1,850.86	$ 13.70	$25,356.78
Steel (lb)			$ -	$-
Pipe Bedding (CY)		60.75	$ 66.67	$4,050.00
Trench Backfill (CY)		3.74	$ 477.04	$1,781.75
Trench Compaction (CY)		7.95	$ 381.63	$3,033.98
Drainage Total				$116,409.00

Signing and Marking	Installation Unit Cost	Amount	Total Cost
Permanent Striping (LF)	1.56	$ -	$-
Signing and Marking Total			$-

Staging	Installation Unit Cost	Amount	Total Cost
Clearing and Grubbing (Acre)	26,500.00	$ 0.10	$2,650.00
Temporary Pavement			$ -
Temporary Drainage (Stream Diversion)	5,064.24	$ 1.00	$5,064.24
Staging Total			$7,714.24

Erosion Control	Installation Unit Cost	Amount	Total Cost
Fine Grading and Seeding (SY)	5.49	$ 766.67	$4,209.00
Temporary Grassing (AC)	1,061.28	$ -	$-
Type C Silt Fence (LF)	5.50	$ 600.00	$3,300.00
Check Dam Type C Silt Fence (LF)	15.14	$ 600.00	$9,084.00
Erosion Control Mats (SY)	1.97	$ 200.00	$394.00
Landscape Mulch (SY)	12.22	$ 200.00	$2,444.00
Perm Grassing (AC)	2,935.65	$ -	$-
Rip Rap Type 3 12" (SY)	129.93	$ 66.67	$8,662.00
Plastic Filter Fabric (SY)	7.50	$ 66.67	$500.00
4" Ditch Paving (SY)	74.85	$ -	$-
Erosion Control Total			$28,593.00
Construction Cost Total			$165,599.41
Traffic Control (8% of Construction Total $)			$13,247.95
Construction Cost Grand Total			$178,847.37

Utility Relocation	Removal Unit Cost	Installation Unit Cost	Amount	Total Cost
Electric				
Aerial	$13.75	68.75	$ -	$-
Buried	$20.63	103.13	$ -	$-
Wooden Pole	$103.13	756.25	$ -	$-
Phone				
Aerial	$13.75	68.75	$ -	$-
Buried	$20.63	103.13	$ -	$-
Wooden Pole	$103.13	756.25	$ -	$-
Cable				
Aerial	$13.75	68.75	$ -	$-
Buried	$20.63	103.13	$ -	$-
Wooden Pole	$103.13	756.25	$ -	$-
Gas				
4" main	$20.63	82.50	$ -	$-
Water				
8" main	$20.63	194.41	$ 50.00	$10,751.75
Relocate Fire Hydrant (EA)		5,665.63	$ -	$-
Sewer				
12" main	$61.65	103.28	$ -	$-
Utility Relocation Total				$10,751.75

Right of Way (Sq Ft)	Cost/ Sq Ft	Sq Ft	Total Cost
Permanent Easement	5.00	$ 2,000.00	$10,000.00
ROW Total			$10,000.00

2023 STORMWATER SPLOST

215 Brandon Mill Circle - South

Category II, Tier I

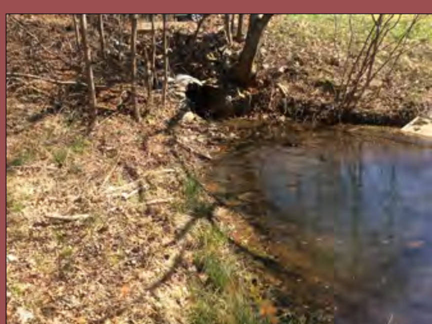
Existing Conditions

Diameter: 72”

Length: 200’

Material: Corrugated Metal Pipe (CMP)

Project Cost Estimate: $756,825



Project Cost Estimate		
Design / Engineering	$	93,214
Right of Way Acquisition	$	37,500
Environmental	$	12,500
Utility Relocation	$	43,971
Construction	$	569,640
Total Cost Estimate	**$**	**756,825**

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Roadway Construction, Utility Relocation and ROW Quantity Calculations

Roadway Construction	Removal Unit Cost	Installation Unit Cost	Amount	Total Cost
Pavement (SF)	$ 1.46	$ 9.74	200.00	$ 2,240.00
Curb and Gutter (LF)	$ 11.25	$ 50.00	20.00	$ 1,225.00
Drain Inlet (EA)				$ -
4" Sidewalk (SY)	$ 43.75	$ 82.03	20.00	$ 2,515.60
Guardrail (LF)				$ -
End Anchorage (EA)				$ -
Subtotal				$ 5,980.60
Grading Complete (5% of Rwy Items & Drng Total $)				$ 23,555.76
Roadway Total				$ 29,536.36

Drainage	Removal Unit Cost	Installation Unit Cost	Amount	Total Cost
Trench Excavation (CY)		$ 12.98	814.81	$ 10,576.23
72" CMP (LF)	$ 78.75		200.00	$ 47,250.00
		$ -	0.00	$ -
Class A Conc (CY)		$ 1,850.86	183.68	$ 339,965.96
Steel (lb)		$ 2.45	21,835.00	$ 53,495.75
Pipe Bedding (CY)		$ 60.75	74.80	$ 4,544.10
Trench Backfill (CY)		$ 3.74	921.50	$ 3,441.80
Trench Compaction (CY)		$ 7.95	737.20	$ 5,860.74
Drainage Total				$ 465,134.59

Signing and Marking	Installation Unit Cost	Amount	Total Cost
Permanent Striping (LF)	$ 1.56	0.00	$ -
Signing and Marking Total			$ -

Staging	Installation Unit Cost	Amount	Total Cost
Clearing and Grubbing (Acre)	$ 26,500.00	0.10	$ 2,650.00
Temporary Pavement			$ -
Temporary Drainage (Stream Diversion)	$ 5,064.24	1.00	$ 5,064.24
Staging Total			$ 7,714.24

Erosion Control	Installation Unit Cost	Amount	Total Cost
Fine Grading and Seeding (SY)	$ 5.49	200.00	$ 1,098.00
Temporary Grassing (AC)	$ 1,061.28	0.00	$ -
Type C Silt Fence (LF)	$ 5.50	800.00	$ 4,400.00
Check Dam Type C Silt Fence (LF)	$ 15.14	800.00	$ 12,112.00
Erosion Control Mats (SY)	$ 1.97	266.67	$ 525.33
Landscape Mulch (SY)	$ 12.22	266.67	$ 3,258.67
Perm Grassing (AC)	$ 2,935.65	0.00	$ -
Rip Rap Type 3 12" (SY)	$ 129.93	26.67	$ 3,464.80
Plastic Filter Fabric (SY)	$ 7.50	26.67	$ 200.00
4" Ditch Paving (SY)	$ 74.85	0.00	$ -
Erosion Control Total			$ 25,058.80
Construction Cost Total			$ 527,443.99
Traffic Control (8% of Construction Total $)			$ 42,195.52
Construction Cost Grand Total			$ 569,639.51

Utility Relocation	Removal Unit Cost	Installation Unit Cost	Amount	Total Cost
Electric				
Aerial	$ 13.75	$ 68.75		$ -
Buried	$ 20.63	$ 103.13	75.00	$ 9,281.25
Wooden Pole	$ 103.13	$ 756.25		$ -
Phone				
Aerial	$ 13.75	$ 68.75		$ -
Buried	$ 20.63	$ 103.13	75.00	$ 9,281.25
Wooden Pole	$ 103.13	$ 756.25		$ -
Cable				
Aerial	$ 13.75	$ 68.75		$ -
Buried	$ 20.63	$ 103.13	75.00	$ 9,281.25
Wooden Pole	$ 103.13	$ 756.25		$ -
Gas				
4" main	$ 20.63	$ 82.50		$ -
Water				
8" main	$ 20.63	$ 194.41	75.00	$ 16,127.63
Relocate Fire Hydrant (EA)		$ 5,665.63		$ -
Sewer			0.00	
12" main	$ 61.65	$ 103.28	0.00	$ -
Utility Relocation Total				$ 43,971.38

Right of Way (Sq Ft)	Cost/ Sq Ft	Sq Ft	Total Cost
Permanent Easement	$ 5.00	7,500.00	$ 37,500.00
ROW Total			$ 37,500.00

2023 STORMWATER SPLOST

266 Callaway Rd

Category II, Tier I

Existing Conditions

Diameter: 60”

Length: 80’

Material: Corrugated Metal Pipe (CMP)

Project Cost Estimate: $937,466

Project Cost Estimate		
Design / Engineering	$	88,758
Right of Way Acquisition	$	55,000
Environmental	$	15,000
Utility Relocation	$	16,128
Construction	$	762,581
Total Cost Estimate	**$**	**937,466**

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Roadway Construction, Utility Relocation and ROW Quantity Calculations

Roadway Construction	Removal Unit Cost	Installation Unit Cost	Amount	Total Cost
Pavement (SF)	$ 1.46	$ 9.47	864.00	$ 9,443.52
Curb and Gutter (LF)				$ -
Drain Inlet (EA)				$ -
4" Sidewalk (SY)				$ -
Guardrail (LF)		$ 49.09	600.00	$ 29,455.20
End Anchorage (EA)		$ 2,028.50	2.00	$ 4,057.00
Subtotal				$ 42,955.72
Grading Complete (5% of Rwy Items & Drng Total $)				$ 31,796.15
Roadway Total				$ 74,751.87

Drainage	Removal Unit Cost	Installation Unit Cost	Amount	Total Cost
Trench Excavation (CY)		$ 12.98	853.33	$ 11,076.27
60" CMP (LF)	$ 30.75		80.00	$ 7,380.00
84" RCP			0.00	$ -
Class A Conc (CY)		$ 1,850.86	262.44	$ 485,739.70
Steel (lb)		$ 2.45	30,224.00	$ 74,048.80
Pipe Bedding (CY)		$ 60.75	97.20	$ 5,904.90
Trench Backfill (CY)		$ 3.74	873.47	$ 3,262.40
Trench Compaction (CY)		$ 7.95	698.77	$ 5,555.25
Drainage Total				$ 592,967.31

Signing and Marking	Installation Unit Cost	Amount	Total Cost
Permanent Striping (LF)	$ 1.56	0.00	$ -
Signing and Marking Total			$ -

Staging	Installation Unit Cost	Amount	Total Cost
Clearing and Grubbing (Acre)	$ 26,500.00	0.10	$ 2,650.00
Temporary Pavement			$ -
Temporary Drainage (Stream Diversion)	$ 5,064.24	1.00	$ 5,064.24
Staging Total			$ 7,714.24

Erosion Control	Installation Unit Cost	Amount	Total Cost
Fine Grading and Seeding (SY)	$ 5.49	224.00	$ 1,229.76
Temporary Grassing (AC)	$ 1,061.28	0.00	$ -
Type C Silt Fence (LF)	$ 5.50	640.00	$ 3,520.00
Check Dam Type C Silt Fence (LF)	$ 15.14	640.00	$ 9,689.60
Erosion Control Mats (SY)	$ 1.97	213.33	$ 420.27
Landscape Mulch (SY)	$ 12.22	213.33	$ 2,606.93
Perm Grassing (AC)	$ 2,935.65	0.00	$ -
Rip Rap Type 3 12" (SY)	$ 129.93	96.00	$ 12,473.28
Plastic Filter Fabric (SY)	$ 7.50	96.00	$ 720.00
4" Ditch Paving (SY)	$ 74.85	0.00	$ -
Erosion Control Total			$ 30,659.84
Construction Cost Total			$ 706,093.26
Traffic Control (8% of Construction Total $)			$ 56,487.46
Construction Cost Grand Total			$ 762,580.72

Utility Relocation	Removal Unit Cost	Installation Unit Cost	Amount	Total Cost
Electric				
Phone				
Cable				
Gas				
4" main	$ 20.63	$ 82.50		$ -
Water				
8" main	$ 20.63	$ 194.41	75.00	$ 16,127.63
Relocate Fire Hydrant (EA)		$ 5,665.63		$ -
Utility Relocation Total				$ 16,127.63

Right of Way (Sq Ft)	Cost/ Sq Ft	Sq Ft	Total Cost
Permanent Easement	$ 5.00	11,000.00	$ 55,000.00
ROW Total			$ 55,000.00

2023 STORMWATER SPLOST

364 Chappell Rd

Category II, Tier I

Existing Conditions

Diameter: 72”

Length: 70’

Material: Corrugated Metal Pipe (CMP)

Project Cost Estimate: $655,207

Project Cost Estimate		
Design / Engineering	$	51,382
Right of Way Acquisition	$	81,250
Environmental	$	12,500
Utility Relocation	$	46,254
Construction	$	463,821
Total Cost Estimate	**$**	**655,207**

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Roadway Construction, Utility Relocation and ROW Quantity Calculations

Roadway Construction	Removal Unit Cost	Installation Unit Cost	Amount	Total Cost
Pavement (SF)	$ 1.46	$ 9.74	432.00	$ 4,838.40
Curb and Gutter (LF)			0.00	$ -
Drain Inlet (EA)			0.00	$ -
4" Sidewalk (SY)			0.00	$ -
Guardrail (LF)	$ 16.99	$ 61.36	625.00	$ 48,968.75
End Anchorage (EA)		$ 2,028.05	2.00	$ 4,056.10
Subtotal				$ 57,863.25
Grading Complete (5% of Rwy Items & Drng Total $)				$ 18,493.13
Roadway Total				$ 76,356.38

Drainage	Removal Unit Cost	Installation Unit Cost	Amount	Total Cost
Trench Excavation (CY)		$ 12.88	606.67	$ 7,813.87
72" CMP (LF)	$ 78.75		70.00	$ 16,537.50
72" RCP (LF)			0.00	$ -
Class A Conc (CY)		$ 1,850.86	132.51	$ 245,257.46
Steel (lb)		$ 2.45	13,383.00	$ 32,788.35
Pipe Bedding (CY)		$ 60.75	48.00	$ 2,916.00
Trench Backfill (CY)		$ 3.74	662.33	$ 2,473.82
Trench Compaction (CY)		$ 7.95	529.87	$ 4,212.44
Drainage Total				$ 311,999.43

Signing and Marking	Installation Unit Cost	Amount	Total Cost
Permanent Striping (LF)	$ 1.56	72.00	$ 112.32
Signing and Marking Total			$ 112.32

Staging	Installation Unit Cost	Amount	Total Cost
Clearing and Grubbing (Acre)	$ 26,500.00	0.10	$ 2,650.00
Temporary Gravel Road (SY)	$ 19.28	977.78	$ 18,851.56
Temporary Drainage (Stream Diversion)	$ 5,064.24	1.00	$ 5,064.24
Staging Total			$ 26,790.44

Erosion Control	Installation Unit Cost	Amount	Total Cost
Fine Grading and Seeding (SY)	$ 5.49	92.00	$ 505.08
Temporary Grassing (AC)	$ 1,061.28	0.00	$ -
Type C Silt Fence (LF)	$ 5.50	280.00	$ 1,540.00
Check Dam Type C Silt Fence (LF)	$ 15.14	280.00	$ 4,239.20
Erosion Control Mats (SY)	$ 1.97	93.33	$ 183.87
Landscape Mulch (SY)	$ 12.22	93.33	$ 1,140.53
Perm Grassing (AC)	$ 2,935.65	0.00	$ -
Rip Rap Type 3 12" (SY)	$ 129.93	48.00	$ 6,236.64
Plastic Filter Fabric (SY)	$ 7.50	48.00	$ 360.00
4" Ditch Paving (SY)	$ 74.85	0.00	$ -
Erosion Control Total			$ 14,205.32
Construction Cost Total			$ 429,463.89
Traffic Control (8% of Construction Total $)			$ 34,357.11
Construction Cost Grand Total			$ 463,821.00

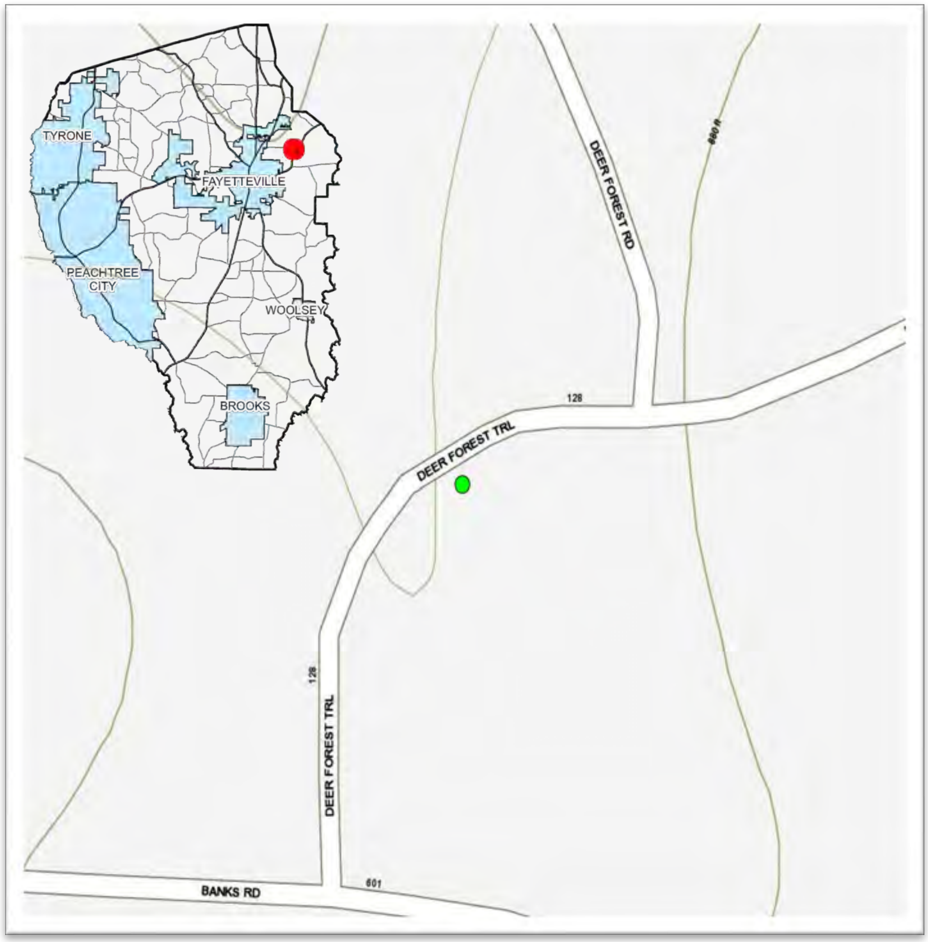
Utility Relocation	Removal Unit Cost	Installation Unit Cost	Amount	Total Cost
Electric				
Aerial	$ 13.75	$ 68.75		$ -
Buried	$ 20.63	$ 103.13	0.00	$ -
Wooden Pole	$ 103.13	$ 756.25		$ -
Phone				
Aerial	$ 13.75	$ 68.75		$ -
Buried	$ 20.63	$ 103.13	100.00	$ 12,375.00
Wooden Pole	$ 103.13	$ 756.25		$ -
Cable				
Aerial	$ 13.75	$ 68.75		$ -
Buried	$ 20.63	$ 103.13	100.00	$ 12,375.00
Wooden Pole	$ 103.13	$ 756.25		$ -
Gas				
4" main	$ 20.63	$ 82.50		$ -
Water				
8" main	$ 20.63	$ 194.41	100.00	$ 21,503.50
Relocate Fire Hydrant (EA)		$ 5,665.63		$ -
Sewer			0.00	
12" main	$ 61.65	$ 103.28	0.00	$ -
Utility Relocation Total				$ 46,253.50

Right of Way (Sq Ft)	Cost/ Sq Ft	Sq Ft	Total Cost
Permanent Easement	$ 5.00	16,250.00	$ 81,250.00
ROW Total			$ 81,250.00

2023 STORMWATER SPLOST

120 Deer Forest Trial

Category II, Tier I



Existing Conditions

Diameter: 36”

Length: 100’

Material: Corrugated Metal Pipe (CMP)

Project Cost Estimate:

$246,031

Project Cost Estimate		
Design / Engineering	$	21,065
Right of Way Acquisition	$	25,000
Environmental	$	10,000
Utility Relocation	$	29,314
Construction	$	160,651
Total Cost Estimate	**$**	**246,031**

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Roadway Construction, Utility Relocation and ROW Quantity Calculations

Roadway Construction	Removal Unit Cost	Installation Unit Cost	Amount	Total Cost
Pavement (SF)	$ 1.46	$ 9.74	144.00	$ 1,612.80
Curb and Gutter (LF)	$ 11.25	$ 50.00	20.00	$ 1,225.00
Drain Inlet (EA)		$ 3,625.00	2.00	$ 7,250.00
4" Sidewalk (SY)			0.00	$ -
Guardrail (LF)			0.00	$ -
End Anchorage (EA)			0.00	$ -
Subtotal				$ 10,087.80
Grading Complete (5% of Rwy Items & Drng Total $)				$ 6,114.85
Roadway Total				$ 16,202.65

Drainage	Removal Unit Cost	Installation Unit Cost	Amount	Total Cost
Trench Excavation (CY)		$ 12.98	133.33	$ 1,730.67
36" CMP (LF)	$ 24.53		200.00	$ 14,718.00
36" RCP		$ 165.83	0.00	$ -
Class A Conc (CY)		$ 1,850.86	44.61	$ 82,566.86
Steel (lb)		$ 2.45	4,295.00	$ 10,522.75
Pipe Bedding (CY)		$ 60.75	22.70	$ 1,379.03
Trench Backfill (CY)		$ 3.74	127.97	$ 477.96
Trench Compaction (CY)		$ 7.95	102.37	$ 813.87
Drainage Total				$ 112,209.13

Signing and Marking	Installation Unit Cost	Amount	Total Cost
Permanent Striping (LF)	$ 1.56	0.00	$ -
Signing and Marking Total			$ -

Staging	Installation Unit Cost	Amount	Total Cost
Clearing and Grubbing (Acre)	$ 26,500.00	0.10	$ 2,650.00
Temporary Pavement			$ -
Temporary Drainage (Stream Diversion)	$ 5,064.24	1.00	$ 5,064.24
Staging Total			$ 7,714.24

Erosion Control	Installation Unit Cost	Amount	Total Cost
Fine Grading and Seeding (SY)	$ 5.49	50.67	$ 278.16
Temporary Grassing (AC)	$ 1,061.28	0.00	$ -
Type C Silt Fence (LF)	$ 5.50	400.00	$ 2,200.00
Check Dam Type C Silt Fence (LF)	$ 15.14	400.00	$ 6,056.00
Erosion Control Mats (SY)	$ 1.97	133.33	$ 262.67
Landscape Mulch (SY)	$ 12.22	133.33	$ 1,629.33
Perm Grassing (AC)	$ 2,935.65	0.00	$ -
Rip Rap Type 3 12" (SY)	$ 129.93	16.00	$ 2,078.88
Plastic Filter Fabric (SY)	$ 7.50	16.00	$ 120.00
4" Ditch Paving (SY)	$ 74.85	0.00	$ -
Erosion Control Total			$ 12,625.04
Construction Cost Total			$ 148,751.06
Traffic Control (8% of Construction Total $)			$ 11,900.08
Construction Cost Grand Total			$ 160,651.14

Utility Relocation	Removal Unit Cost	Installation Unit Cost	Amount	Total Cost
Electric				
Aerial	$ 13.75	$ 68.75		$ -
Buried	$ 20.63	$ 103.13	50.00	$ 6,187.50
Wooden Pole	$ 103.13	$ 756.25		$ -
Phone				
Aerial	$ 13.75	$ 68.75		$ -
Buried	$ 20.63	$ 103.13	50.00	$ 6,187.50
Wooden Pole	$ 103.13	$ 756.25		$ -
Cable				
Aerial	$ 13.75	$ 68.75		$ -
Buried	$ 20.63	$ 103.13	50.00	$ 6,187.50
Wooden Pole	$ 103.13	$ 756.25		$ -
Gas				
4" main	$ 20.63	$ 82.50		$ -
Water				
8" main	$ 20.63	$ 194.41	50.00	$ 10,751.75
Relocate Fire Hydrant (EA)		$ 5,665.63		$ -
Sewer			0.00	
12" main	$ 16.50	$ 82.50	0.00	$ -
Utility Relocation Total				$ 29,314.25

Right of Way (Sq Ft)	Cost/ Sq Ft	Sq Ft	Total Cost
Permanent Easement	$ 5.00	5,000.00	$ 25,000.00
ROW Total			$ 25,000.00

2023 STORMWATER SPLOST

160 Scott Blvd.

Category II, Tier I

Existing Conditions

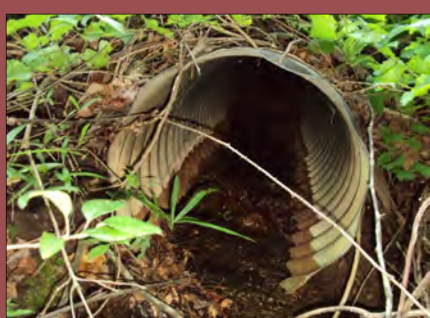
Diameter: 18”

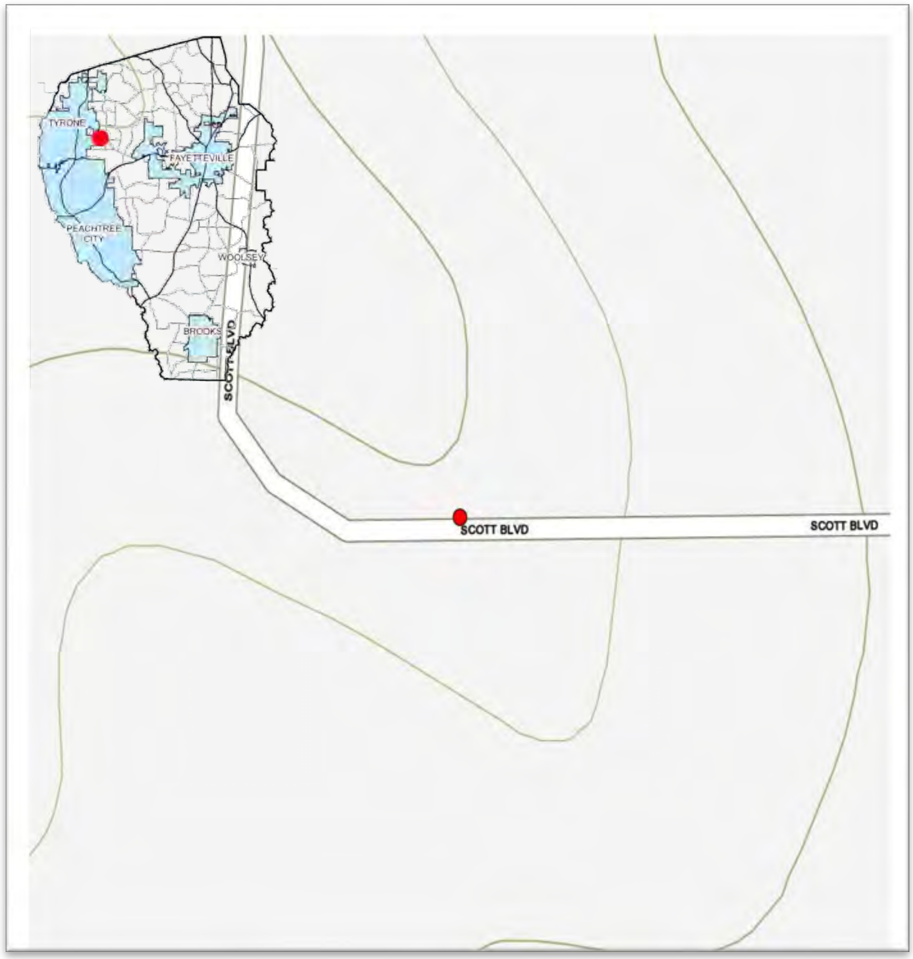
Length: 45’

Material: Corrugated Metal Pipe (CMP)

Project Cost Estimate:

$155,256





Project Cost Estimate		
Design / Engineering	$	20,946
Right of Way Acquisition	$	10,000
Environmental	$	15,000
Utility Relocation	$	24,846
Construction	$	84,464
Total Cost Estimate	**$**	**155,256**

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Roadway Construction, Utility Relocation and ROW Quantity Calculations

Roadway Construction	Removal Unit Cost	Installation Unit Cost	Amount	Total Cost
Pavement (SF)	$ 1.46	$ 9.74	126.00	$ 1,411.20
Curb and Gutter (LF)			0.00	$ -
Drain Inlet (EA)			0.00	$ -
4" Sidewalk (SY)	$ 43.75	$ 82.03	20.00	$ 2,515.60
Guardrail (LF)			0.00	$ -
End Anchorage (EA)			0.00	$ -
Subtotal				$ 3,926.80
Grading Complete (5% of Rwy Items & Drng Total $)				$ 3,005.43
Roadway Total				$ 6,932.23

Drainage	Removal Unit Cost	Installation Unit Cost	Amount	Total Cost
Trench Excavation (CY)		$ 12.98	150.00	$ 1,947.00
18" CMP (LF)	$ 7.17		50.00	$ 1,075.50
18" RCP		$ 98.84	0.00	$ -
Class A Conc (CY)		$ 1,850.86	24.56	$ 45,457.12
Steel (lb)		$ 2.45	2,189.00	$ 5,363.05
Pipe Bedding (CY)		$ 60.75	11.60	$ 704.70
Trench Backfill (CY)		$ 3.74	161.90	$ 604.70
Trench Compaction (CY)		$ 7.95	129.52	$ 1,029.68
Drainage Total				$ 56,181.75

Signing and Marking	Installation Unit Cost	Amount	Total Cost
Permanent Striping (LF)	$ 1.56	0.00	$ -
Signing and Marking Total			$ -

Staging	Installation Unit Cost	Amount	Total Cost
Clearing and Grubbing (Acre)	$ 26,500.00	0.10	$ 2,650.00
Temporary Pavement			$ -
Temporary Drainage (Stream Diversion)	$ 5,064.24	1.00	$ 5,064.24
Staging Total			$ 7,714.24

Erosion Control	Installation Unit Cost	Amount	Total Cost
Fine Grading and Seeding (SY)	$ 5.49	19.33	$ 106.14
Temporary Grassing (AC)	$ 1,061.28	0.00	$ -
Type C Silt Fence (LF)	$ 5.50	200.00	$ 1,100.00
Check Dam Type C Silt Fence (LF)	$ 15.14	200.00	$ 3,028.00
Erosion Control Mats (SY)	$ 1.97	66.67	$ 131.33
Landscape Mulch (SY)	$ 12.22	66.67	$ 814.67
Perm Grassing (AC)	$ 2,935.65	0.00	$ -
Rip Rap Type 3 12" (SY)	$ 129.93	16.00	$ 2,078.88
Plastic Filter Fabric (SY)	$ 7.50	16.00	$ 120.00
4" Ditch Paving (SY)	$ 74.85	0.00	$ -
Erosion Control Total			$ 7,379.02
Construction Cost Total			$ 78,207.24
Traffic Control (8% of Construction Total $)			$ 6,256.58
Construction Cost Grand Total			$ 84,463.82

Utility Relocation	Removal Unit Cost	Installation Unit Cost	Amount	Total Cost
Electric				
Aerial	$ 13.75	$ 68.75	50.00	$ 4,125.00
Buried	$ 20.63	$ 103.13	0.00	$ -
Wooden Pole	$ 103.13	$ 756.25	2.00	$ 1,718.75
Phone				
Aerial	$ 13.75	$ 68.75	50.00	$ 4,125.00
Buried	$ 20.63	$ 103.13	0.00	$ -
Wooden Pole	$ 103.13	$ 756.25	0.00	$ -
Cable				
Aerial	$ 13.75	$ 68.75	50.00	$ 4,125.00
Buried	$ 20.63	$ 103.13	0.00	$ -
Wooden Pole	$ 103.13	$ 756.25	0.00	$ -
Gas				
4" main	$ 20.63	$ 82.50	0.00	$ -
Water				
8" main	$ 20.63	$ 194.41	50.00	$ 10,751.75
Relocate Fire Hydrant (EA)		$ 5,665.63		$ -
Sewer			0.00	
12" main	$ 61.65	$ 103.28	0.00	$ -
Utility Relocation Total				$ 24,845.50

Right of Way (Sq Ft)	Cost/ Sq Ft	Sq Ft	Total Cost
Permanent Easement	$ 5.00	2,000.00	$ 10,000.00
ROW Total			$ 10,000.00

<u>Existing Conditions</u>

Diameter: 48” & 18”

Length: 45’

Material: Corrugated Metal Pipe (CMP)

Project Cost Estimate:
$205,869

2023 STORMWATER SPLOST

503 Westbridge Drive

Category II, Tier I

Project Cost Estimate		
Design / Engineering	$	20,252
Right of Way Acquisition	$	12,000
Environmental	$	12,500
Utility Relocation	$	8,601
Construction	$	152,516
Total Cost Estimate	**$**	**205,869**

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Roadway Construction, Utility Relocation and ROW Quantity Calculations

Roadway Construction	Removal Unit Cost	Installation Unit Cost	Amount	Total Cost
Pavement (SF)	$ 1.46	$ 9.74	168.00	$ 1,881.60
Curb and Gutter (LF)	$ 11.25	$ 50.00	20.00	$ 1,225.00
Drain Inlet (EA)				$ -
DWCB	943.06	$ 5,027.02	2.00	$ 11,940.16
				$ -
				$ -
Subtotal				$ 15,046.76
Grading Complete (5% of Rwy Items & Drng Total $)				$ 5,887.28
Roadway Total				**$ 20,934.04**

Drainage	Removal Unit Cost	Installation Unit Cost	Amount	Total Cost
Trench Excavation (CY)		$ 12.98	93.33	$ 1,211.47
48" CMP (LF)	$ 30.75		45.00	$ 4,151.25
18" CMP (LF)	$ 7.17		45.00	$ 967.95
Class A Conc (CY)		$ 1,850.86	47.85	$ 88,563.65
Steel (lb)		$ 2.45	2529.50	$ 6,197.28
Pipe Bedding (CY)		$ 60.75	12.20	$ 741.15
Trench Backfill (CY)		$ 3.74	85.80	$ 320.46
Trench Compaction (CY)		$ 7.95	68.64	$ 545.69
Drainage Total				**$ 102,698.89**

Signing and Marking	Installation Unit Cost	Amount	Total Cost
Permanent Striping (LF)	$ 1.56	0	$ -
Signing and Marking Total			**$ -**

Staging	Installation Unit Cost	Amount	Total Cost
Clearing and Grubbing (Acre)	$ 26,500.00	0.20	$ 5,300.00
Temporary Pavement			0
Temporary Drainage (Stream Diversion)	$ 5,064.24	1.00	$ 5,064.24
Staging Total			**$ 10,364.24**

Erosion Control	Installation Unit Cost	Amount	Total Cost
Fine Grading and Seeding (SY)	$ 5.49	16.33	$ 89.67
Temporary Grassing (AC)	$ 1,061.28	0.00	$ -
Type C Silt Fence (LF)	$ 5.50	180.00	$ 990.00
Check Dam Type C Silt Fence (LF)	$ 15.14	180.00	$ 2,725.20
Erosion Control Mats (SY)	$ 1.97	60.00	$ 118.20
Landscape Mulch (SY)	$ 12.22	60.00	$ 733.20
Perm Grassing (AC)	$ 2,935.65	0.00	$ -
Rip Rap Type 3 12" (SY)	$ 129.93	18.67	$ 2,425.36
Plastic Filter Fabric (SY)	$ 7.50	18.67	$ 140.00
4" Ditch Paving (SY)	$ 74.85	0.00	$ -
Erosion Control Total			**$ 7,221.63**
Construction Cost Total			**$ 141,218.81**
Traffic Control (8% of Construction Total $)			**$ 11,297.50**
Construction Cost Grand Total			**$ 152,516.31**

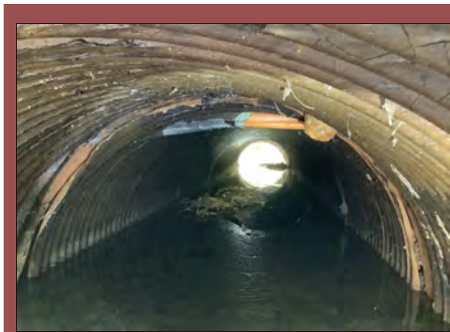
Utility Relocation	Removal Unit Cost	Installation Unit Cost	Amount	Total Cost
Electric				
Aerial	$ 13.75	$ 68.75		$ -
Buried	$ 20.63	$ 103.13		$ -
Wooden Pole	$ 103.13	$ 756.25		$ -
Phone				
Aerial	$ 13.75	$ 68.75		$ -
Buried	$ 20.63	$ 103.13		$ -
Wooden Pole	$ 103.13	$ 756.25		$ -
Cable				
Aerial	$ 13.75	$ 68.75		$ -
Buried	$ 20.63	$ 103.13		$ -
Wooden Pole	$ 103.13	$ 756.25		$ -
Gas				
4" main	$ 20.63	$ 82.50		$ -
Water				
8" main	$ 20.63	$ 194.41	40	$ 8,601.40
Relocate Fire Hydrant (EA)		$ 5,665.63		$ -
Sewer			0	
12" main	$ 61.65	$ 103.28	0.00	$ -
Utility Relocation Total				**$ 8,601.40**

Right of Way (Sq Ft)	Cost/ Sq Ft	Sq Ft	Total Cost
Permanent Easement	$ 5.00	2400	**$ 12,000.00**
ROW Total			**$ 12,000.00**

2023 STORMWATER SPLOST

517 Westbridge Drive

Category II, Tier I



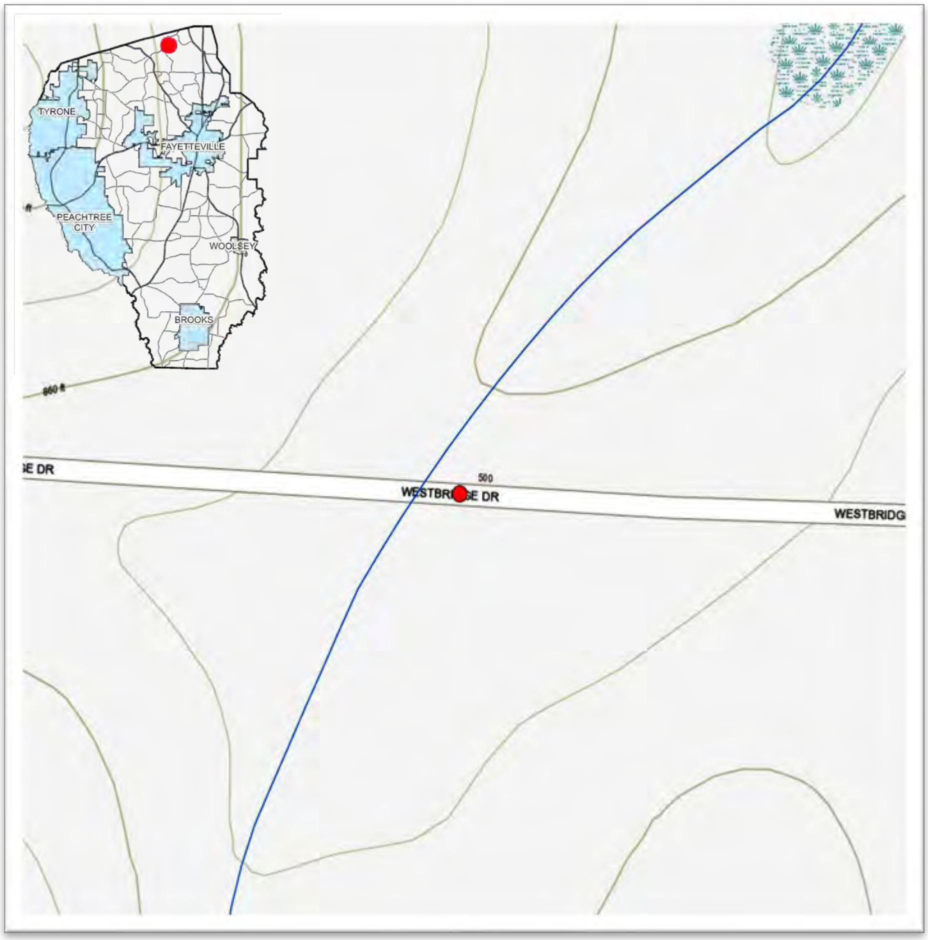
Existing Conditions

Diameter: 54”

Length: 45’

Material: Corrugated Metal Pipe (CMP)

Project Cost Estimate: $147,517



Project Cost Estimate		
Design / Engineering	$	14,006
Right of Way Acquisition	$	10,000
Environmental	$	10,000
Utility Relocation	$	23,451
Construction	$	90,060
Total Cost Estimate	**$**	**147,517**

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Roadway Construction, Utility Relocation and ROW Quantity Calculations

Roadway Construction	Removal Unit Cost	Installation Unit Cost	Amount	Total Cost
Pavement (SF)	$ 1.46	$ 9.74	168.00	$ 1,881.60
Curb and Gutter (LF)	$ 11.25	$ 50.00	20.00	$ 1,225.00
Drain Inlet (EA)			0.00	$ -
4" Sidewalk (SY)			0.00	$ -
Guardrail (LF)			0.00	$ -
End Anchorage (EA)			0.00	$ -
Subtotal				$ 3,106.60
Grading Complete (5% of Rwy Items & Drng Total $)				$ 3,259.65
Roadway Total				$ 6,366.25

Drainage	Removal Unit Cost	Installation Unit Cost	Amount	Total Cost
Trench Excavation (CY)		$ 12.98	99.17	$ 1,287.18
54" CMP (LF)	$ 30.75		45.00	$ 1,383.75
54" RCP		$ 285.05	0.00	$ -
Class A Conc (CY)		$ 1,850.86	27.85	$ 51,537.20
Steel (lb)		$ 2.45	2,529.50	$ 6,197.28
Pipe Bedding (CY)		$ 60.75	12.20	$ 741.15
Trench Backfill (CY)		$ 3.74	93.09	$ 347.70
Trench Compaction (CY)		$ 7.95	74.47	$ 592.06
Drainage Total				$ 62,086.32

Signing and Marking	Installation Unit Cost	Amount	Total Cost
Permanent Striping (LF)	$ 1.56	0.00	$ -
Signing and Marking Total			$ -

Staging	Installation Unit Cost	Amount	Total Cost
Clearing and Grubbing (Acre)	$ 26,500.00	0.10	$ 2,650.00
Temporary Pavement			$ -
Temporary Drainage (Stream Diversion)	$ 5,064.24	1.00	$ 5,064.24
Staging Total			$ 7,714.24

Erosion Control	Installation Unit Cost	Amount	Total Cost
Fine Grading and Seeding (SY)	$ 5.49	16.33	$ 89.67
Temporary Grassing (AC)	$ 1,061.28	0.00	$ -
Type C Silt Fence (LF)	$ 5.50	180.00	$ 990.00
Check Dam Type C Silt Fence (LF)	$ 15.14	180.00	$ 2,725.20
Erosion Control Mats (SY)	$ 1.97	60.00	$ 118.20
Landscape Mulch (SY)	$ 12.22	60.00	$ 733.20
Perm Grassing (AC)	$ 2,935.65	0.00	$ -
Rip Rap Type 3 12" (SY)	$ 129.93	18.67	$ 2,425.36
Plastic Filter Fabric (SY)	$ 7.50	18.67	$ 140.00
4" Ditch Paving (SY)	$ 74.85	0.00	$ -
Erosion Control Total			$ 7,221.63
Construction Cost Total			$ 83,388.43
Traffic Control (8% of Construction Total $)			$ 6,671.07
Construction Cost Grand Total			$ 90,059.51

Utility Relocation	Removal Unit Cost	Installation Unit Cost	Amount	Total Cost
Electric				
Aerial	$ 13.75	$ 68.75		$ -
Buried	$ 20.63	$ 103.13	40.00	$ 4,950.00
Wooden Pole	$ 103.13	$ 756.25		$ -
Phone				
Aerial	$ 13.75	$ 68.75		$ -
Buried	$ 20.63	$ 103.13	40.00	$ 4,950.00
Wooden Pole	$ 103.13	$ 756.25		$ -
Cable				
Aerial	$ 13.75	$ 68.75		$ -
Buried	$ 20.63	$ 103.13	40.00	$ 4,950.00
Wooden Pole	$ 103.13	$ 756.25		$ -
Gas				
4" main	$ 20.63	$ 82.50		$ -
Water				
8" main	$ 20.63	$ 194.41	40.00	$ 8,601.40
Relocate Fire Hydrant (EA)		$ 5,665.63		$ -
Sewer			0.00	
12" main	$ 61.65	$ 103.28	0.00	$ -
Utility Relocation Total				$ 23,451.40

Right of Way (Sq Ft)	Cost/ Sq Ft	Sq Ft	Total Cost
Permanent Easement	$ 5.00	2,000.00	$ 10,000.00
ROW Total			$ 10,000.00

2023 STORMWATER SPLOST

Category II, Tier II

Project Name / Location	Project Cost Estimate
BANKSTOWN ROAD (#654)	$ 737,246.00
BRANDON MILL CIR - EAST (#140)	$ 362,389.00
BRANDON MILL CIR - NORTH (#115)	$ 265,321.00
BRANDON MILL CIR - SW (#225)	$ 648,924.00
BRANDON MILL CIR - WEST (#295)	$ 301,818.00
COASTLINE ROAD	$ 934,833.00
COUNTY LINE CT (#171)	$ 178,802.00
CRABAPPLE LANE (#178)	$ 683,914.00
DEAUVILLE WAY (#308)	$ 290,410.00
DEER TRAIL (#175)	$ 134,379.92
DEERFIELD LANE (#130)	$ 140,161.00
DEERFIELD LANE (#161)	$ 140,019.00
DERBY DRIVE (#325)	$ 255,644.00
FERNWAY DR (#133)	$ 266,401.02
FLAT CREEK TRAIL (#584)	$ 943,178.00
GRANDCHESTER WAY (#165)	$ 235,975.00
GRANT ROAD (#250)	$ 122,525.00
GRANT ROAD (#426)	$ 122,525.00
GRAVES ROAD (#226)	$ 96,320.00
GREENFIELD CIR (#130)	$ 164,625.00
GREENFIELD CIR (#250)	$ 135,799.00
GRISTMILL DRIVE (#110)	$ 265,460.00
HARTFORD PL (#100)	$ 251,996.64
HERITAGE WAY - NORTH (#120)	$ 328,313.00
HILO ROAD (#287)	$ 105,529.00
HUNTERS GLEN (#275)	$ 236,278.97
JANICE DRIVE (#510)	$ 341,319.00
JEFFERSON WOODS DRIVE CREEK (#125)	$ 310,008.84
KENWOOD ROAD (#671)	$ 149,311.00

Project Name / Location	Project Cost Estimate	
KINGSWOOD DRIVE (#200)	$	136,678.00
MARRON RD (#185 & #175)	$	89,616.00
MERRYDALE DRIVE (#330)	$	164,606.00
MILLERS OAK WAY (#145)	$	265,568.00
NANDOVER DR (#120)	$	47,203.80
NORTH DRIVE (#420)	$	230,908.00
OAK STREET (#290)	$	100,384.00
PONDEROSA DRIVE (#190)	$	148,710.00
RIDGEMONT DRIVE (#545)	$	153,067.00
ROYAL RIDGE WAY	$	390,082.00
TRICKUM CREEK ROAD (#261)	$	589,151.00
WHITE ROAD	$	597,310.63
YATES DR/ EASTIN RD	$	40,393.27

Category I Total Cost Estimate	**$**	**12,103,103.09**

Existing Conditions

Diameter: 72”

Length: 53’

Material: Corrugated Metal Pipe (CMP)

Project Cost Estimate: $737,246

FAYETTE County

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2023 STORMWATER SPLOST

654 Bankstown Road

Category II, Tier II

Project Cost Estimate		
Design / Engineering	$	60,568
Right of Way Acquisition	$	36,000
Environmental	$	10,000
Utility Relocation	$	25,000
Construction	$	605,678
Total Cost Estimate	**$**	**737,246**

For more information visit https://fayettecountyga.gov/splost-2023/

Roadway Construction, Utility Relocation and ROW Quantity Calculations   Bankstown Rd 654

Roadway Construction	Removal Unit Cost	Installation Unit Cost	Amount	Total Cost
Pavement (SF)	$ 1.46	$ 9.47	800.00	$ 8,744.00
Curb and Gutter (LF)			0.00	$ -
DWCB			0.00	$ -
4" Sidewalk (SY)			0.00	$ -
Guardrail (LF)		$ 49.09	600.00	$ 29,455.20
End Anchorage (EA)		$ 2,028.50	2.00	$ 4,057.00
Subtotal				$ 42,256.20
Grading Complete (5% of Rwy Items & Drng Total $)				$ 26,186.85
Roadway Total				**$ 68,443.05**

Drainage	Removal Unit Cost	Installation Unit Cost	Amount	Total Cost
Trench Excavation (CY)		$ 12.98	753.00	$ 9,773.94
72" CMP (LF)	$ 30.75		80.00	$ 2,460.00
			0.00	$ -
Class A Conc (CY)		$ 1,850.86	213.65	$ 395,436.24
Steel (lb)		$ 2.45	24605.09	$ 60,282.46
Pipe Bedding (CY)		$ 60.75	97.20	$ 5,904.90
Trench Backfill (CY)		$ 3.74	755.16	$ 2,820.53
Trench Compaction (CY)		$ 7.95	604.13	$ 4,802.82
Drainage Total				**$ 481,480.90**

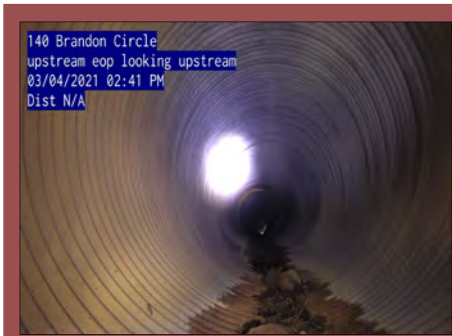
Signing and Marking	Installation Unit Cost	Amount	Total Cost
Permanent Striping (LF)	$ 1.00	0	$ -
Signing and Marking Total			**$ -**

Staging	Installation Unit Cost	Amount	Total Cost
Clearing and Grubbing (Acre)	$ 26,500.00	0.25	$ 6,625.00
Temporary Pavement			0
Temporary Drainage (Stream Diversion)	$ 5,064.24		$ -
Staging Total			**$ 6,625.00**

Erosion Control	Installation Unit Cost	Amount	Total Cost
Fine Grading and Seeding (SY)	$ 5.49	0.00	$ -
Temporary Grassing (AC)	$ 1,061.28	0.00	$ -
Type C Silt Fence (LF)	$ 5.50	0.00	$ -
Check Dam Type C Silt Fence (LF)	$ 15.14	0.00	$ -
Erosion Control Mats (SY)	$ 1.97	0.00	$ -
Landscape Mulch (SY)	$ 12.22	0.00	$ -
Perm Grassing (AC)	$ 2,935.65	0.50	$ 1,467.83
Rip Rap Type 3 12" (SY)	$ 129.93	20.00	$ 2,598.60
Plastic Filter Fabric (SY)	$ 7.50	20.00	$ 150.00
4" Ditch Paving (SY)	$ 74.85	0.00	$ -
Erosion Control Total			**$ 4,216.43**
Construction Cost Total			**$ 560,765.38**
Traffic Control (8% of Construction Total $)			**$ 44,912.62**
Construction Cost Grand Total			**$ 605,678.00**

Utility Relocation	Removal Unit Cost	Installation Unit Cost	Amount	Total Cost
Electric	$ 16.50	$ 82.50	46.77	$ 4,630.53
Phone	$ 16.50	$ 55.00	46.77	$ 3,344.27
Cable	$ 16.50	$ 55.00	46.77	$ 3,344.27
Gas	$ 16.50	$ 66.00	46.77	$ 3,858.77
Water 8" main	$ 16.50	$ 193.50	46.77	$ 9,822.33
Utility Relocation Total				**$ 25,000.17**

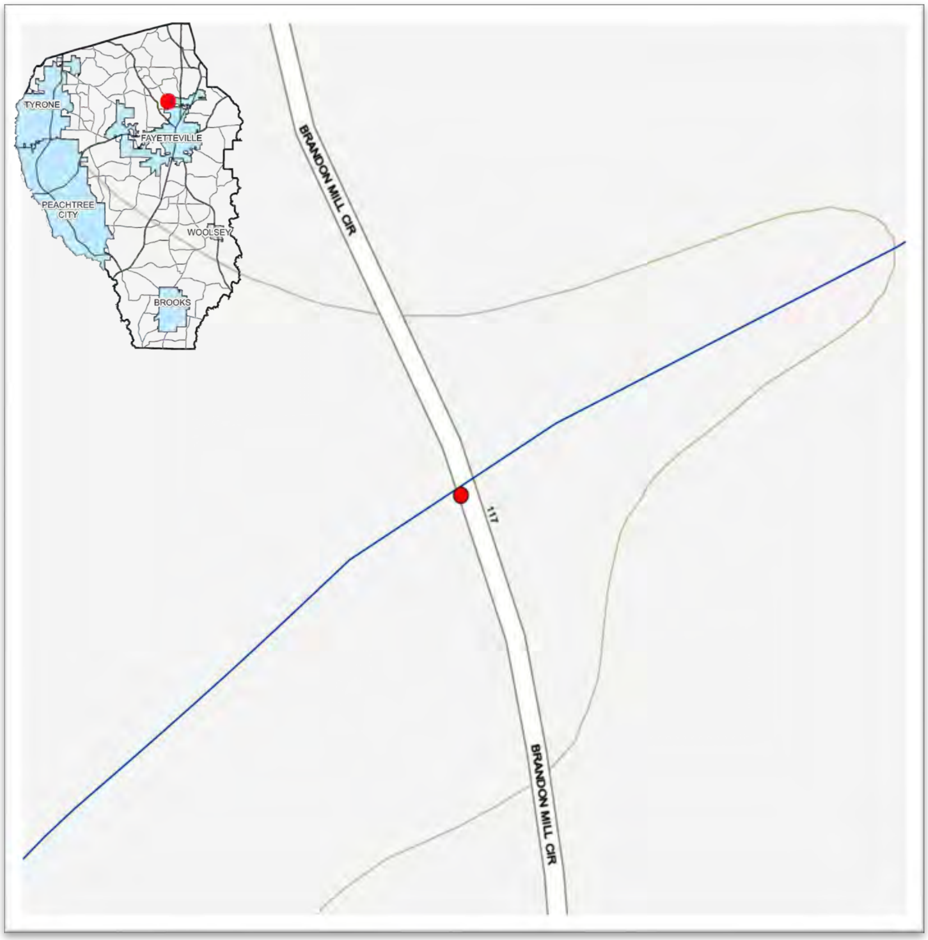
Right of Way (Sq Ft)	Cost/ Sq Ft	Sq Ft	Total Cost
Permanent Easement	$ 6.00	$ 6,000.00	**$ 36,000.00**
ROW Total			**$ 36,000.00**



2023 STORMWATER SPLOST

140 Brandon Mill Circle East

Category II, Tier II



Existing Conditions

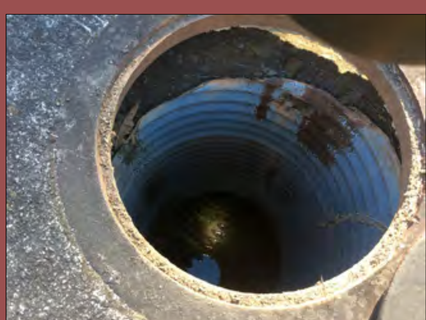
Diameter: 48”

Length: 500’

Material: Corrugated Metal Pipe (CMP)

Project Cost Estimate:

$362,389



Project Cost Estimate		
Design / Engineering	$	29,174
Right of Way Acquisition	$	37,500
Environmental	$	10,000
Utility Relocation	$	43,971
Construction	$	241,743
Total Cost Estimate	**$**	**362,389**

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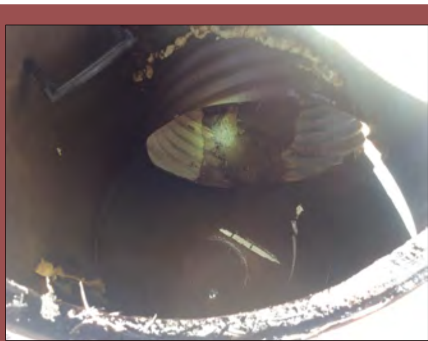
Roadway Construction, Utility Relocation and ROW Quantity Calculations Brandon Mill 115

Roadway Construction	Removal Unit Cost	Installation Unit Cost	Amount	Total Cost
Pavement (SF)	$ 1.46	$ 9.74	120.00	$ 1,344.00
Curb and Gutter (LF)	$ 11.25	$ 50.00	20.00	$ 1,225.00
Drain Inlet (EA)		$ 2.00	3,625.00	$ 7,250.00
4" Sidewalk (SY)				$ -
Guardrail (LF)				$ -
End Anchorage (EA)				$ -
Subtotal				$ 9,819.00
Grading Complete (5% of Rwy Items & Drng Total $)				$ 5,651.87
Roadway Total				$ 15,470.87
Drainage	Removal Unit Cost	Installation Unit Cost	Amount	Total Cost
Trench Excavation (CY)		$ 12.98	500.00	$ 6,490.00
48" CMP (LF)	$ 30.75		250.00	$ 7,687.50
48" RCP (LF)		$ 223.47	250.00	$ 55,867.50
Class A Conc (CY)		$ 1,850.86	13.70	$ 25,356.78
Steel (lb)			0.00	$ -
Pipe Bedding (CY)		$ 60.75	55.56	$ 3,375.00
Trench Backfill (CY)		$ 3.74	439.76	$ 1,644.69
Trench Compaction (CY)		$ 7.95	351.80	$ 2,796.85
Drainage Total				$ 103,218.32
Signing and Marking		Installation Unit Cost	Amount	Total Cost
Permanent Striping (LF)		$ 1.56	0.00	$ -
Signing and Marking Total				$ -
Staging		Installation Unit Cost	Amount	Total Cost
Clearing and Grubbing (Acre)		$ 26,500.00	0.10	$ 2,650.00
Temporary Pavement				$ -
Temporary Drainage (Stream Diversion)		$ 5,064.24	1.00	$ 5,064.24
Staging Total				$ 7,714.24
Erosion Control		Installation Unit Cost	Amount	Total Cost
Fine Grading and Seeding (SY)		$ 5.49	153.33	$ 841.80
Temporary Grassing (AC)		$ 1,061.28	0.00	$ -
Type C Silt Fence (LF)		$ 5.50	500.00	$ 2,750.00
Check Dam Type C Silt Fence (LF)		$ 15.14	500.00	$ 7,570.00
Erosion Control Mats (SY)		$ 1.97	166.67	$ 328.33
Landscape Mulch (SY)		$ 12.22	166.67	$ 2,036.67
Perm Grassing (AC)		$ 2,935.65	0.00	$ -
Rip Rap Type 3 12" (SY)		$ 129.93	16.00	$ 2,078.88
Plastic Filter Fabric (SY)		$ 7.50	16.00	$ 120.00
4" Ditch Paving (SY)		$ 74.85	0.00	$ -
Erosion Control Total				$ 15,725.68
Construction Cost Total				$ 142,129.10
Traffic Control (8% of Construction Total $)				$ 11,370.33
Construction Cost Grand Total				$ 153,499.43
Utility Relocation	Removal Unit Cost	Installation Unit Cost	Amount	Total Cost
Electric				
Aerial	$ 13.75	$ 68.75		$ -
Buried	$ 20.63	$ 103.13	75.00	$ 9,281.25
Wooden Pole	$ 103.13	$ 756.25		$ -
Phone				
Aerial	$ 13.75	$ 68.75		$ -
Buried	$ 20.63	$ 103.13	75.00	$ 9,281.25
Wooden Pole	$ 103.13	$ 756.25		$ -
Cable				
Aerial	$ 13.75	$ 68.75		$ -
Buried	$ 20.63	$ 103.13	75.00	$ 9,281.25
Wooden Pole	$ 103.13	$ 756.25		$ -
Gas				
4" main	$ 20.63	$ 82.50		$ -
Water				
8" main	$ 20.63	$ 194.41	75.00	$ 16,127.63
Relocate Fire Hydrant (EA)		$ 5,665.63		$ -
Sewer			0.00	
12" main	$ 61.65	$ 103.28	0.00	$ -
Utility Relocation Total				$ 43,971.38
Right of Way (Sq Ft)		Cost/ Sq Ft	Sq Ft	Total Cost
Permanent Easement		$ 5.00	7,500.00	$ 37,500.00
ROW Total				$ 37,500.00

2023 STORMWATER SPLOST

115 Brandon Mill Circle North

Category II, Tier II



Existing Conditions

Diameter: 48”

Length: 250’

Material: Corrugated Metal Pipe (CMP)

Project Cost Estimate:

$265,321

Project Cost Estimate		
Design / Engineering	$	20,350
Right of Way Acquisition	$	37,500
Environmental	$	10,000
Utility Relocation	$	43,971
Construction	$	153,499
Total Cost Estimate	**$**	**265,321**

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Roadway Construction, Utility Relocation and ROW Quantity Calculations — Brandon Mill 140

Roadway Construction	Removal Unit Cost	Installation Unit Cost	Amount	Total Cost
Pavement (SF)	$ 1.46	$ 9.74	120.00	$ 1,344.00
Curb and Gutter (LF)	$ 11.25	$ 50.00	20.00	$ 1,225.00
Drain Inlet (EA)		$ 2.00	3,625.00	$ 7,250.00
4" Sidewalk (SY)				$ -
Guardrail (LF)				$ -
End Anchorage (EA)				$ -
Subtotal				$ 9,819.00
Grading Complete (5% of Rwy Items & Drng Total $)				$ 9,551.45
Roadway Total				$ 19,370.45
Drainage	Removal Unit Cost	Installation Unit Cost	Amount	Total Cost
Trench Excavation (CY)		$ 12.98	1,000.00	$ 12,980.00
48" CMP (LF)	$ 30.75		500.00	$ 15,375.00
48" RCP (LF)		$ 223.47	500.00	$ 111,735.00
Class A Conc (CY)		$ 1,850.86	13.70	$ 25,356.78
Steel (lb)			0.00	$ -
Pipe Bedding (CY)		$ 60.75	111.11	$ 6,750.00
Trench Backfill (CY)		$ 3.74	892.84	$ 3,334.78
Trench Compaction (CY)		$ 7.95	714.28	$ 5,678.49
Drainage Total				$ 181,210.05
Signing and Marking		Installation Unit Cost	Amount	Total Cost
Permanent Striping (LF)		$ 0.71	0.00	$ -
Signing and Marking Total				$ -
Staging		Installation Unit Cost	Amount	Total Cost
Clearing and Grubbing (Acre)		$ 26,500.00	0.10	$ 2,650.00
Temporary Pavement				$ -
Temporary Drainage (Stream Diversion)		$ 5,064.24	1.00	$ 5,064.24
Staging Total				$ 7,714.24
Erosion Control		Installation Unit Cost	Amount	Total Cost
Fine Grading and Seeding (SY)		$ 5.49	320.00	$ 1,756.80
Temporary Grassing (AC)		$ 1,061.28	0.00	$ -
Type C Silt Fence (LF)		$ 5.50	500.00	$ 2,750.00
Check Dam Type C Silt Fence (LF)		$ 15.14	500.00	$ 7,570.00
Erosion Control Mats (SY)		$ 1.97	166.67	$ 328.33
Landscape Mulch (SY)		$ 12.22	166.67	$ 2,036.67
Perm Grassing (AC)		$ 2,935.65	0.00	$ -
Rip Rap Type 3 12" (SY)		$ 129.93	8.00	$ 1,039.44
Plastic Filter Fabric (SY)		$ 7.50	8.00	$ 60.00
4" Ditch Paving (SY)		$ 74.85	0.00	$ -
Erosion Control Total				$ 15,541.24
Construction Cost Total				$ 223,835.98
Traffic Control (8% of Construction Total $)				$ 17,906.88
Construction Cost Grand Total				$ 241,742.86
Utility Relocation	Removal Unit Cost	Installation Unit Cost	Amount	Total Cost
Electric				
Aerial	$ 13.75	$ 68.75		$ -
Buried	$ 20.63	$ 103.13	75.00	$ 9,281.25
Wooden Pole	$ 103.13	$ 756.25		$ -
Phone				
Aerial	$ 13.75	$ 68.75		$ -
Buried	$ 20.63	$ 103.13	75.00	$ 9,281.25
Wooden Pole	$ 103.13	$ 756.25		$ -
Cable				
Aerial	$ 13.75	$ 68.75		$ -
Buried	$ 20.63	$ 103.13	75.00	$ 9,281.25
Wooden Pole	$ 103.13	$ 756.25		$ -
Gas				
4" main	$ 20.63	$ 82.50		$ -
Water				
8" main	$ 20.63	$ 194.41	75.00	$ 16,127.63
Relocate Fire Hydrant (EA)		$ 5,665.63		$ -
Sewer			0.00	
12" main	$ 61.65	$ 103.28	0.00	$ -
Utility Relocation Total				$ 43,971.38
Right of Way (Sq Ft)		Cost/ Sq Ft	Sq Ft	Total Cost
Permanent Easement		$ 5.00	7,500.00	$ 37,500.00
ROW Total				$ 37,500.00

2023 STORMWATER SPLOST

225 Brandon Mill Circle SW

Category II, Tier II

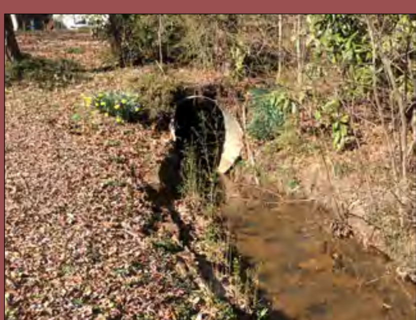
Existing Conditions

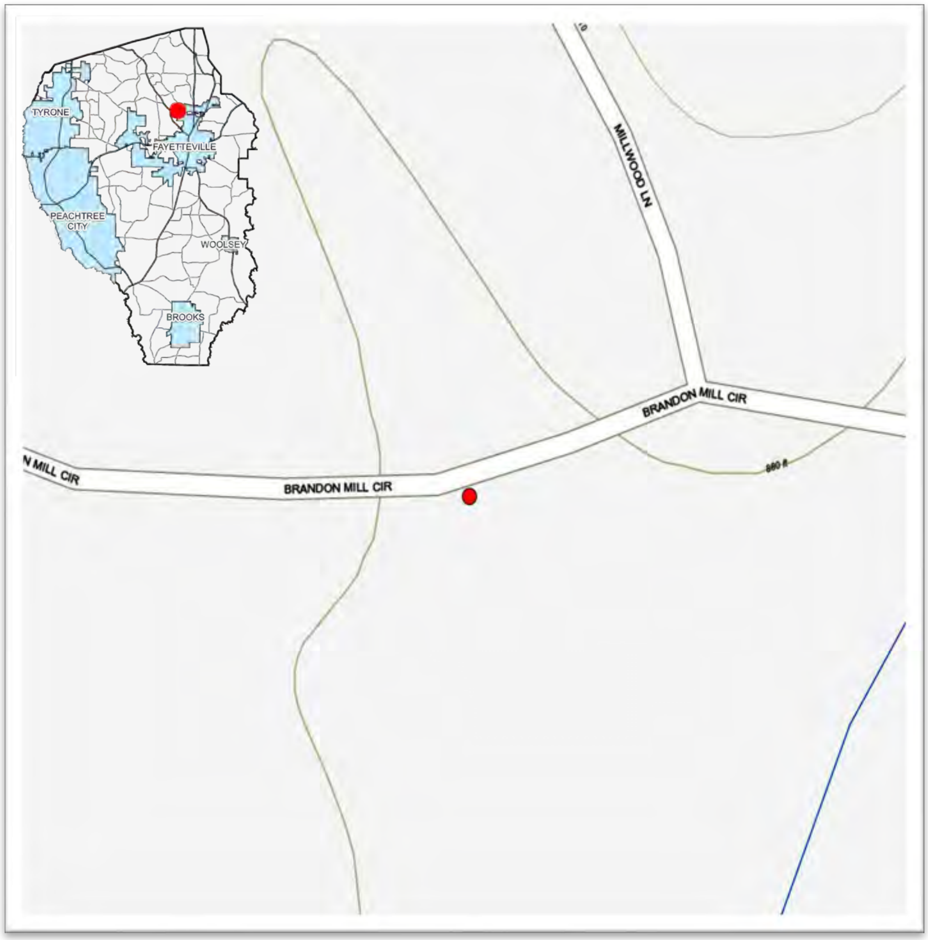
Diameter: 60”

Length: 175”

Material: Corrugated Metal Pipe (CMP)

Project Cost Estimate: $648,924





Project Cost Estimate		
Design / Engineering	$	52,950
Right of Way Acquisition	$	37,500
Environmental	$	10,000
Utility Relocation	$	43,971
Construction	$	479,502
System Evaluation	$	25,000
Total Cost Estimate	**$**	**648,924**

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Roadway Construction, Utility Relocation and ROW Quantity Calculations Brandon Mill 225

Roadway Construction	Removal Unit Cost	Installation Unit Cost	Amount	Total Cost
Pavement (SF)	$ 1.46	$ 9.74	200.00	$ 2,240.00
Curb and Gutter (LF)	$ 11.25	$ 50.00	20.00	$ 1,225.00
Drain Inlet (EA)		$ 2.00	3,625.00	$ 7,250.00
4" Sidewalk (SY)			0.00	$ -
Guardrail (LF)			0.00	$ -
End Anchorage (EA)			0.00	$ -
Subtotal				$ 10,715.00
Grading Complete (5% of Rwy Items & Drng Total $)				$ 19,700.60
Roadway Total				$ 30,415.60
Drainage	Removal Unit Cost	Installation Unit Cost	Amount	Total Cost
Trench Excavation (CY)		$ 12.98	648.15	$ 8,412.96
60" CMP (LF)	$ 30.75		175.00	$ 16,143.75
60" RCP (LF)		$ 346.63	0.00	$ -
Class A Conc (CY)		$ 1,850.86	162.36	$ 300,496.38
Steel (lb)		$ 2.45	19,170.00	$ 46,966.50
Pipe Bedding (CY)		$ 60.75	65.60	$ 3,985.20
Trench Backfill (CY)		$ 3.74	722.36	$ 2,698.03
Trench Compaction (CY)		$ 7.95	577.89	$ 4,594.23
Drainage Total				$ 383,297.04
Signing and Marking		Installation Unit Cost	Amount	Total Cost
Permanent Striping (LF)		$ 1.56	40.00	$ 62.40
Signing and Marking Total				$ 62.40
Staging		Installation Unit Cost	Amount	Total Cost
Clearing and Grubbing (Acre)		$ 26,500.00	0.10	$ 2,650.00
Temporary Pavement				$ -
Temporary Drainage (Stream Diversion)		$ 5,064.24	1.00	$ 5,064.24
Staging Total				$ 7,839.04
Erosion Control		Installation Unit Cost	Amount	Total Cost
Fine Grading and Seeding (SY)		$ 5.49	172.22	$ 945.50
Temporary Grassing (AC)		$ 1,061.28	0.00	$ -
Type C Silt Fence (LF)		$ 5.50	700.00	$ 3,850.00
Check Dam Type C Silt Fence (LF)		$ 15.14	700.00	$ 10,598.00
Erosion Control Mats (SY)		$ 1.97	233.33	$ 459.67
Landscape Mulch (SY)		$ 12.22	233.33	$ 2,851.33
Perm Grassing (AC)		$ 2,935.65	0.00	$ -
Rip Rap Type 3 12" (SY)		$ 129.93	26.67	$ 3,464.80
Plastic Filter Fabric (SY)		$ 7.50	26.67	$ 200.00
4" Ditch Paving (SY)		$ 74.85	0.00	$ -
Erosion Control Total				$ 22,369.30
Construction Cost Total				$ 443,983.38
Traffic Control (8% of Construction Total $)				$ 35,518.67
Construction Cost Grand Total				$ 479,502.06
Utility Relocation	Removal Unit Cost	Installation Unit Cost	Amount	Total Cost
Electric				
Aerial	$ 13.75	$ 68.75		$ -
Buried	$ 20.63	$ 103.13	75.00	$ 9,281.25
Wooden Pole	$ 103.13	$ 756.25		$ -
Phone				
Aerial	$ 13.75	$ 68.75		$ -
Buried	$ 20.63	$ 103.13	75.00	$ 9,281.25
Wooden Pole	$ 103.13	$ 756.25		$ -
Cable				
Aerial	$ 13.75	$ 68.75		$ -
Buried	$ 20.63	$ 103.13	75.00	$ 9,281.25
Wooden Pole	$ 103.13	$ 756.25		$ -
Gas				
4" main	$ 20.63	$ 82.50		$ -
Water				
8" main	$ 20.63	$ 194.41	75.00	$ 16,127.63
Relocate Fire Hydrant (EA)		$ 5,665.63		$ -
Sewer			0.00	
12" main	$ 61.65	$ 103.28	0.00	$ -
Utility Relocation Total				$ 43,971.38
Right of Way (Sq Ft)		Cost/ Sq Ft	Sq Ft	Total Cost
Permanent Easement		$ 5.00	7,500.00	$ 37,500.00
ROW Total				$ 37,500.00

2023 STORMWATER SPLOST

295 Brandon Mill Circle West

Category II, Tier II

<u>Existing Conditions</u>

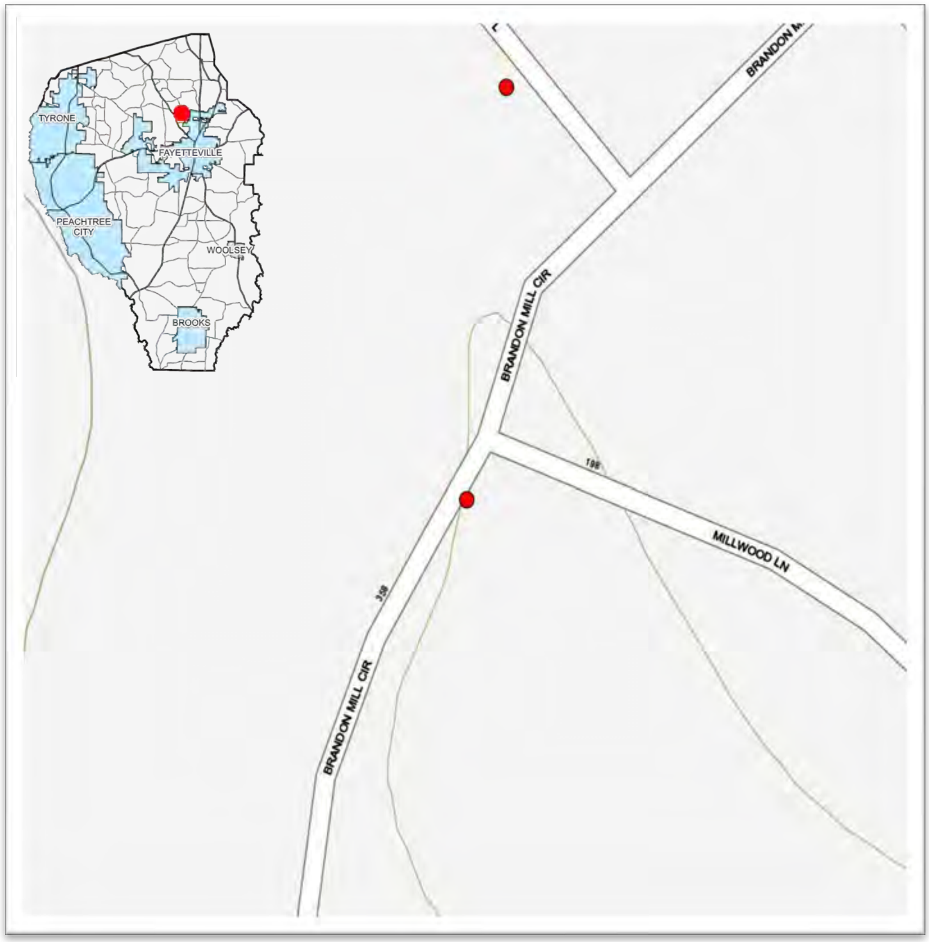
Diameter: 48”

Length: 350’

Material: Corrugated Metal Pipe (CMP)

Project Cost Estimate:

$301,818



Project Cost Estimate		
Design / Engineering	$	25,265
Right of Way Acquisition	$	37,500
Environmental	$	10,000
Utility Relocation	$	26,400
Construction	$	202,653
Total Cost Estimate	**$**	**301,818**

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Roadway Construction, Utility Relocation and ROW Quantity Calculations   Brandon Mill 295

Roadway Construction	Removal Unit Cost	Installation Unit Cost	Amount	Total Cost
Pavement (SF)	$ 1.46	$ 9.74	120	$ 1,344.00
Curb and Gutter (LF)	$ 11.25	$ 50.00	20	$ 1,225.00
Drain Inlet (EA)		$ 3,625.00	2	$ 7,250.00
4" Sidewalk (SY)				$ -
Guardrail (LF)				$ -
End Anchorage (EA)				$ -
Subtotal				$ 9,819.00
Grading Complete (5% of Rwy Items & Drng Total $)				$ 7,560.06
Roadway Total				$ 17,379.06

Drainage	Removal Unit Cost	Installation Unit Cost	Amount	Total Cost
Trench Excavation (CY)		$ 12.98	972	$ 12,619.44
48" CMP (LF)	$ 30.75		350	$ 10,762.50
48" RCP (LF)		$ 223.47	350	$ 78,214.50
Class A Conc (CY)		$ 1,850.86	14	$ 25,356.78
Steel (lb)			0	$ -
Pipe Bedding (CY)		$ 60.75	78	$ 4,725.00
Trench Backfill (CY)		$ 3.74	961	$ 3,590.34
Trench Compaction (CY)		$ 7.95	769	$ 6,113.67
Drainage Total				$ 141,382.24

Signing and Marking	Installation Unit Cost	Amount	Total Cost
Permanent Striping (LF)	$ 1.56	0	$ -
Signing and Marking Total			$ -

Staging	Installation Unit Cost	Amount	Total Cost
Clearing and Grubbing (Acre)	$ 26,500.00	0	$ 2,650.00
Temporary Pavement			$ -
Temporary Drainage (Stream Diversion)	$ 5,064.24	1	$ 5,064.24
Staging Total			$ 7,714.24

Erosion Control	Installation Unit Cost	Amount	Total Cost
Fine Grading and Seeding (SY)	$ 5.49	220	$ 1,207.80
Temporary Grassing (AC)	$ 1,061.28	0	$ -
Type C Silt Fence (LF)	$ 5.50	700	$ 3,850.00
Check Dam Type C Silt Fence (LF)	$ 15.14	700	$ 10,598.00
Erosion Control Mats (SY)	$ 1.97	233	$ 459.67
Landscape Mulch (SY)	$ 12.22	233	$ 2,851.33
Perm Grassing (AC)	$ 2,935.65	0	$ -
Rip Rap Type 3 12" (SY)	$ 129.93	16	$ 2,078.88
Plastic Filter Fabric (SY)	$ 7.50	16	$ 120.00
4" Ditch Paving (SY)	$ 74.85	0	$ -
Erosion Control Total			$ 21,165.68
Construction Cost Total			$ 187,641.22
Traffic Control (8% of Construction Total $)			$ 15,011.30
Construction Cost Grand Total			$ 202,652.52

Utility Relocation	Removal Unit Cost	Installation Unit Cost	Amount	Total Cost
Electric				
Aerial	$ 13.75	$ 68.75		$ -
Buried	$ 20.63	$ 103.13	28	$ 3,424.16
Wooden Pole	$ 103.13	$ 756.25		$ -
Phone				
Aerial	$ 13.75	$ 68.75		$ -
Buried	$ 20.63	$ 103.13	28	$ 3,424.16
Wooden Pole	$ 103.13	$ 756.25		$ -
Cable				
Aerial	$ 13.75	$ 68.75		$ -
Buried	$ 20.63	$ 103.13	28	$ 3,424.16
Wooden Pole	$ 103.13	$ 756.25		$ -
Gas				
4" main	$ 20.63	$ 82.50		$ -
Water				
8" main	$ 20.63	$ 194.41	75	$ 16,127.63
Relocate Fire Hydrant (EA)		$ 5,665.63		$ -
Sewer			0	
12" main	$ 61.65	$ 103.28	0	$ -
Utility Relocation Total				$ 26,400.11

Right of Way (Sq Ft)	Cost/ Sq Ft	Sq Ft	Total Cost
Permanent Easement	$ 5.00	7,500	$ 37,500.00
ROW Total			$ 37,500.00

2023 STORMWATER SPLOST

Coastline Road

Category II, Tier II

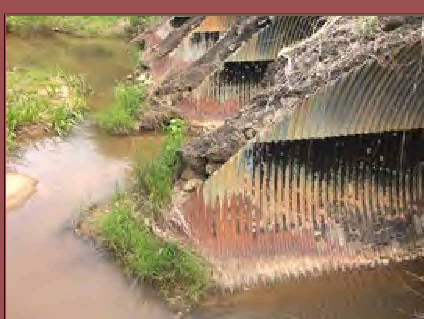
<u>Existing Conditions</u>

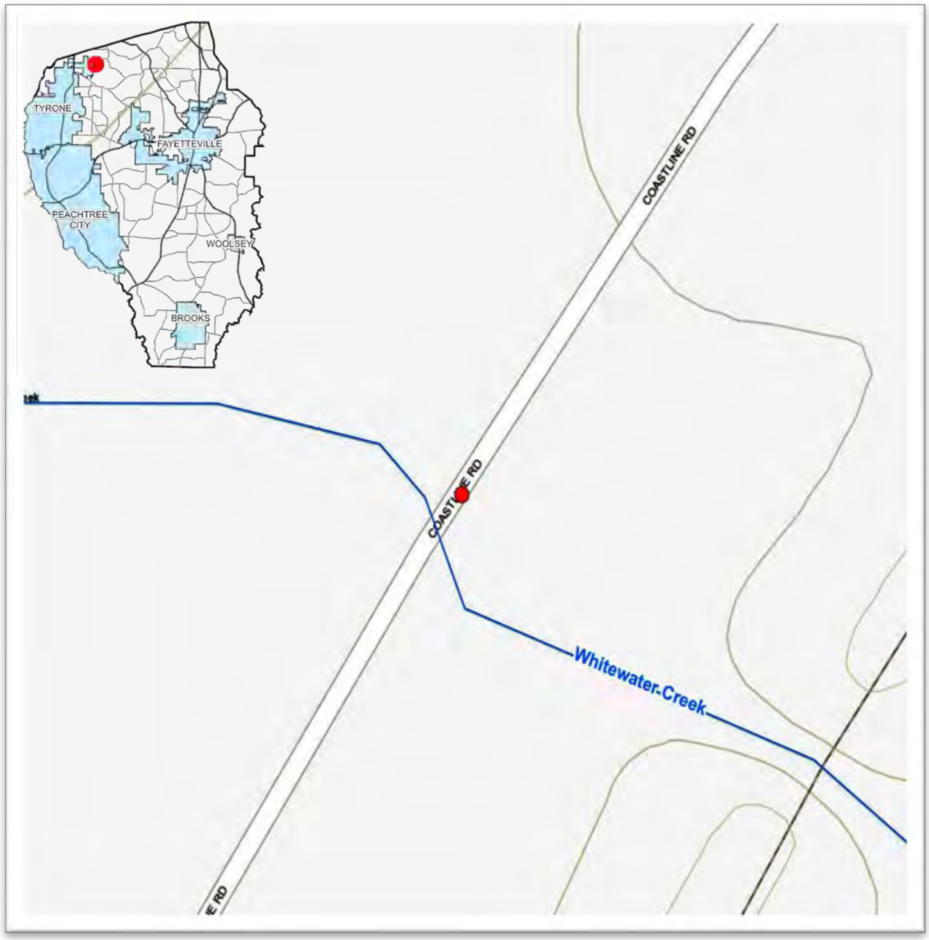
Diameter: Five-96"

Length: 60'

Material: Corrugated Metal Pipe (CMP)

Project Cost Estimate:
$934,833





Project Cost Estimate		
Design / Engineering	$	102,374
Right of Way Acquisition	$	22,500
Environmental	$	18,000
Utility Relocation	$	18,219
Construction	$	773,740
Total Cost Estimate	**$**	**934,833**

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Roadway Construction, Utility Relocation and ROW Quantity Calculations Coastline Road

Roadway Construction	Removal Unit Cost	Installation Unit Cost	Amount	Total Cost
Pavement (SF)	$ 1.46	$ 9.74	1,536.00	$ 17,203.20
Curb and Gutter (LF)			0.00	$ -
Drain Inlet (EA)			0.00	$ -
4" Sidewalk (SY)			0.00	$ -
Guardrail (LF)	$ 16.99	$ 61.36	140.00	$ 10,969.00
End Anchorage (EA)		$ 2,028.05	4.00	$ 8,112.20
Subtotal				$ 36,284.40
Grading Complete (5% of Rwy Items & Drng Total $)				$ 30,970.41
Roadway Total				$ 67,254.81

Drainage	Removal Unit Cost	Installation Unit Cost	Amount	Total Cost
Trench Excavation (CY)		$ 12.98	888.89	$ 11,537.78
96" CMP (LF)	$ 78.75		300.00	$ 70,875.00
96" RCP			0.00	$ -
Class A Conc (CY)		$ 1,850.86	232.11	$ 429,603.11
Steel (lb)		$ 2.45	23,875.00	$ 58,493.75
Pipe Bedding (CY)		$ 60.75	61.60	$ 3,742.20
Trench Backfill (CY)		$ 3.74	878.84	$ 3,282.48
Trench Compaction (CY)		$ 7.95	703.08	$ 5,589.45
Drainage Total				$ 583,123.78

Signing and Marking	Installation Unit Cost	Amount	Total Cost
Permanent Striping (LF)	$ 1.56	0.00	$ -
Signing and Marking Total			$ -

Staging	Installation Unit Cost	Amount	Total Cost
Clearing and Grubbing (Acre)	$ 26,500.00	0.50	$ 13,250.00
Temporary Pavement			$ -
Temporary Drainage (Stream Diversion)	$ 5,064.24	3.00	$ 15,192.72
Staging Total			$ 28,442.72

Erosion Control	Installation Unit Cost	Amount	Total Cost
Fine Grading and Seeding (SY)	$ 5.49	92.44	$ 507.52
Temporary Grassing (AC)	$ 1,061.28	0.00	$ -
Type C Silt Fence (LF)	$ 5.50	1,000.00	$ 5,500.00
Check Dam Type C Silt Fence (LF)	$ 15.14	1,000.00	$ 15,140.00
Erosion Control Mats (SY)	$ 1.97	333.33	$ 656.67
Landscape Mulch (SY)	$ 12.22	333.33	$ 4,073.33
Perm Grassing (AC)	$ 2,935.65	0.00	$ -
Rip Rap Type 3 12" (SY)	$ 129.93	85.33	$ 11,087.36
Plastic Filter Fabric (SY)	$ 7.50	85.33	$ 640.00
4" Ditch Paving (SY)	$ 74.85	0.00	$ -
Erosion Control Total			$ 37,604.88
Construction Cost Total			$ 716,426.19
Traffic Control (8% of Construction Total $)			$ 57,314.09
Construction Cost Grand Total			$ 773,740.28

Utility Relocation	Removal Unit Cost	Installation Unit Cost	Amount	Total Cost
Electric				
Aerial	$ 13.75	$ 68.75	100.00	$ 8,250.00
Buried	$ 20.63	$ 103.13	0.00	$ -
Wooden Pole	$ 103.13	$ 756.25	2.00	$ 1,718.75
Phone				
Aerial	$ 13.75	$ 68.75	100.00	$ 8,250.00
Buried	$ 20.63	$ 103.13	0.00	$ -
Wooden Pole	$ 103.13	$ 756.25		$ -
Cable				
Aerial	$ 13.75	$ 68.75		$ -
Buried	$ 20.63	$ 103.13	0.00	$ -
Wooden Pole	$ 103.13	$ 756.25		$ -
Gas				
4" main	$ 20.63	$ 82.50		$ -
Water				
8" main	$ 20.63	$ 194.41	0.00	$ -
Relocate Fire Hydrant (EA)		$ 5,665.63		$ -
Sewer			0.00	
12" main	$ 61.65	$ 103.28	0.00	$ -
Utility Relocation Total				$ 18,218.75

Right of Way (Sq Ft)	Cost/ Sq Ft	Sq Ft	Total Cost
Permanent Easement	$ 5.00	4,500.00	$ 22,500.00
ROW Total			$ 22,500.00

2023 STORMWATER SPLOST

171 County Line Court

Category II, Tier II

Existing Conditions

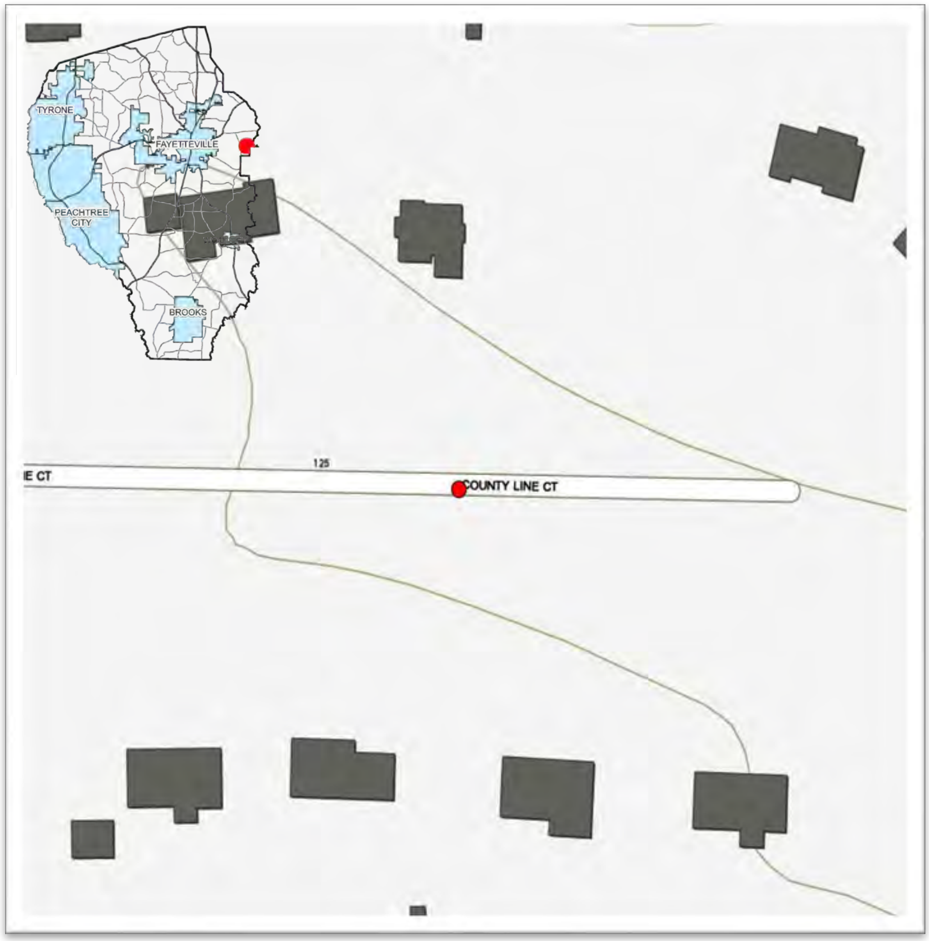
Diameter: 42”

Length: 85’

Material: Corrugated Metal Pipe (CMP)

Project Cost Estimate:

$178,802



Project Cost Estimate		
Design / Engineering	$	15,770
Right of Way Acquisition	$	21,780
Environmental	$	10,000
Utility Relocation	$	23,547
Construction	$	107,705
Total Cost Estimate	**$**	**178,802**

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Roadway Construction, Utility Relocation and ROW Quantity Calculations County Line Ct. 171

Roadway Construction	Removal Unit Cost	Installation Unit Cost	Amount	Total Cost
Pavement (SF)	$ 1.46	$ 9.74	132.00	$ 1,478.40
Curb and Gutter (LF)			0.00	$ -
Drain Inlet (EA)			0.00	$ -
4" Sidewalk (SY)			0.00	$ -
Guardrail (LF)	$ 16.99	$ 61.36	24.00	$ 1,880.46
End Anchorage (EA)		$ 2,028.05	4.00	$ 8,112.20
Subtotal				$ 11,471.06
Grading Complete (5% of Rwy Items & Drng Total $)				$ 4,216.70
Roadway Total				$ 15,687.76
Drainage	Removal Unit Cost	Installation Unit Cost	Amount	Total Cost
Trench Excavation (CY)		$ 12.98	100.00	$ 1,298.00
42" CMP (LF)	$ 30.75		85.00	$ 7,841.25
84" RCP			0.00	$ -
Class A Conc (CY)		$ 1,850.86	29.93	$ 55,396.24
Steel (lb)		$ 2.45	2659.00	$ 6,514.55
Pipe Bedding (CY)		$ 60.75	13.80	$ 838.35
Trench Backfill (CY)		$ 3.74	96.53	$ 360.55
Trench Compaction (CY)		$ 7.95	77.23	$ 613.95
Drainage Total				$ 72,862.89
Signing and Marking		Installation Unit Cost	Amount	Total Cost
Permanent Striping (LF)		$ 1.56	24.00	$ 37.44
Signing and Marking Total				$ 37.44
Staging		Installation Unit Cost	Amount	Total Cost
Clearing and Grubbing (Acre)		$ 26,500.00	0.05	$ 1,325.00
Temporary Pavement				$ -
Temporary Drainage (Stream Diversion)		$ 5,064.24	1.00	$ 5,064.24
Staging Total				$ 6,464.12
Erosion Control		Installation Unit Cost	Amount	Total Cost
Fine Grading and Seeding (SY)		$ 5.49	200.00	$ 1,098.00
Temporary Grassing (AC)		$ 1,061.28	0.00	$ -
Type C Silt Fence (LF)		$ 5.50	120.00	$ 660.00
Check Dam Type C Silt Fence (LF)		$ 15.14	120.00	$ 1,816.80
Erosion Control Mats (SY)		$ 1.97	0.00	$ -
Landscape Mulch (SY)		$ 12.22	0.00	$ -
Perm Grassing (AC)		$ 2,935.65	0.00	$ -
Rip Rap Type 3 12" (SY)		$ 129.93	8.00	$ 1,039.44
Plastic Filter Fabric (SY)		$ 7.50	8.00	$ 60.00
4" Ditch Paving (SY)		$ 74.85	0.00	$ -
Erosion Control Total				$ 4,674.24
Construction Cost Total				$ 99,726.45
Traffic Control (8% of Construction Total $)				$ 7,978.12
Construction Cost Grand Total				$ 107,704.57
Utility Relocation	Removal Unit Cost	Installation Unit Cost	Amount	Total Cost
Electric				
Aerial	$ 13.75	$ 68.75	100.00	$ 8,250.00
Buried	$ 20.63	$ 103.13	50.00	$ 6,187.50
Wooden Pole	$ 103.13	$ 756.25	1.00	$ 859.38
Phone				
Aerial	$ 13.75	$ 68.75	100.00	$ 8,250.00
Buried	$ 20.63	$ 103.13	0.00	$ -
Wooden Pole	$ 103.13	$ 756.25	0.00	$ -
Cable				
Aerial	$ 13.75	$ 68.75	0.00	$ -
Buried	$ 20.63	$ 103.13	0.00	$ -
Wooden Pole	$ 103.13	$ 756.25	0.00	$ -
Gas				
4" main	$ 20.63	$ 82.50	0.00	$ -
Water				
8" main	$ 20.63	$ 194.41	0.00	$ -
Relocate Fire Hydrant (EA)		$ 5,665.63	0.00	$ -
Sewer				
12" main	$ 61.65	$ 103.28	0.00	$ -
Utility Relocation Total				$ 23,546.88
Right of Way (Sq Ft)		Cost/ Sq Ft	Sq Ft	Total Cost
Permanent Easement		$ 5.00	4356.00	$ 21,780.00
ROW Total				$ 21,780.00

2023 STORMWATER SPLOST

178 Crabapple Lane

Category II, Tier II

<u>Existing Conditions</u>

Diameter: 72"

Length: 70'

Material: Corrugated Metal Pipe (CMP)

Project Cost Estimate: $683,914

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Project Cost Estimate		
Design / Engineering	$	68,404
Right of Way Acquisition	$	15,000
Environmental	$	15,000
Utility Relocation	$	26,469
Construction	$	559,041
Total Cost Estimate	**$**	**683,914**

For more information visit https://fayettecountyga.gov/splost-2023/

Roadway Construction, Utility Relocation and ROW Quantity Calculations 178 Crabapple Lane

Roadway Construction	Removal Unit Cost	Installation Unit Cost	Amount	Total Cost
Pavement (SF)	$ 1.46	$ 9.74	624.00	$ 6,988.80
Curb and Gutter (LF)				$ -
Drain Inlet (EA)				$ -
4" Sidewalk (SY)				$ -
Guardrail (LF)				$ -
End Anchorage (EA)				$ -
Subtotal				$ 6,988.80
Grading Complete (5% of Rwy Items & Drng Total $)				$ 22,585.03
Roadway Total				$ 29,573.83

Drainage	Removal Unit Cost	Installation Unit Cost	Amount	Total Cost
Trench Excavation (CY)		$ 12.98	539.26	$ 6,999.59
72" CMP (LF)	$ 78.75		140.00	$ 33,075.00
84" RCP			0.00	$ -
Class A Conc (CY)		$ 1,850.86	185.48	$ 343,297.51
Steel (lb)		$ 2.45	21,112.00	$ 51,724.40
Pipe Bedding (CY)		$ 60.75	69.30	$ 4,209.98
Trench Backfill (CY)		$ 3.74	535.44	$ 1,999.87
Trench Compaction (CY)		$ 7.95	428.35	$ 3,405.40
Drainage Total				$ 444,711.75

Signing and Marking	Installation Unit Cost	Amount	Total Cost
Permanent Striping (LF)	$ 1.56	0.00	$ -
Signing and Marking Total			$ -

Staging	Installation Unit Cost	Amount	Total Cost
Clearing and Grubbing (Acre)	$ 26,500.00	0.10	$ 2,650.00
Temporary Gravel Road (SY)	$ 19.28	69.33	$ 1,336.75
Temporary Drainage (Stream Diversion)	$ 5,064.24	2.00	$ 10,128.48
Staging Total			$ 14,115.23

Erosion Control	Installation Unit Cost	Amount	Total Cost
Fine Grading and Seeding (SY)	$ 5.49	132.89	$ 729.56
Temporary Grassing (AC)	$ 1,061.28	0.00	$ -
Type C Silt Fence (LF)	$ 5.50	560.00	$ 3,080.00
Check Dam Type C Silt Fence (LF)	$ 15.14	560.00	$ 8,478.40
Erosion Control Mats (SY)	$ 1.97	186.67	$ 367.73
Landscape Mulch (SY)	$ 12.22	186.67	$ 2,281.07
Perm Grassing (AC)	$ 2,935.65	0.00	$ -
Rip Rap Type 3 12" (SY)	$ 129.93	104.00	$ 13,512.72
Plastic Filter Fabric (SY)	$ 7.50	104.00	$ 780.00
4" Ditch Paving (SY)	$ 74.85	0.00	$ -
Erosion Control Total			$ 29,229.48
Construction Cost Total			$ 517,630.28
Traffic Control (8% of Construction Total $)			$ 41,410.42
Construction Cost Grand Total			$ 559,040.70

Utility Relocation	Removal Unit Cost	Installation Unit Cost	Amount	Total Cost
Electric				
Aerial	$ 13.75	$ 68.75	100.00	$ 8,250.00
Buried	$ 20.63	$ 103.13	0.00	$ -
Wooden Pole	$ 103.13	$ 756.25	2.00	$ 1,718.75
Phone				
Aerial	$ 13.75	$ 68.75	100.00	$ 8,250.00
Buried	$ 20.63	$ 103.13	0.00	$ -
Wooden Pole	$ 103.13	$ 756.25		$ -
Cable				
Aerial	$ 13.75	$ 68.75	100.00	$ 8,250.00
Buried	$ 20.63	$ 103.13	0.00	$ -
Wooden Pole	$ 103.13	$ 756.25	0.00	$ -
Gas				
4" main	$ 20.63	$ 82.50		$ -
Water				
8" main	$ 20.63	$ 194.41	0.00	$ -
Relocate Fire Hydrant (EA)		$ 5,665.63	0.00	$ -
Sewer			0.00	
12" main	$ 61.65	$ 103.28	0.00	$ -
Utility Relocation Total				$ 26,468.75

Right of Way (Sq Ft)	Cost/ Sq Ft	Sq Ft	Total Cost
Permanent Easement	$ 5.00	3,000.00	$ 15,000.00
ROW Total			$ 15,000.00

2023 STORMWATER SPLOST

308 Deauville Way

Category II, Tier II

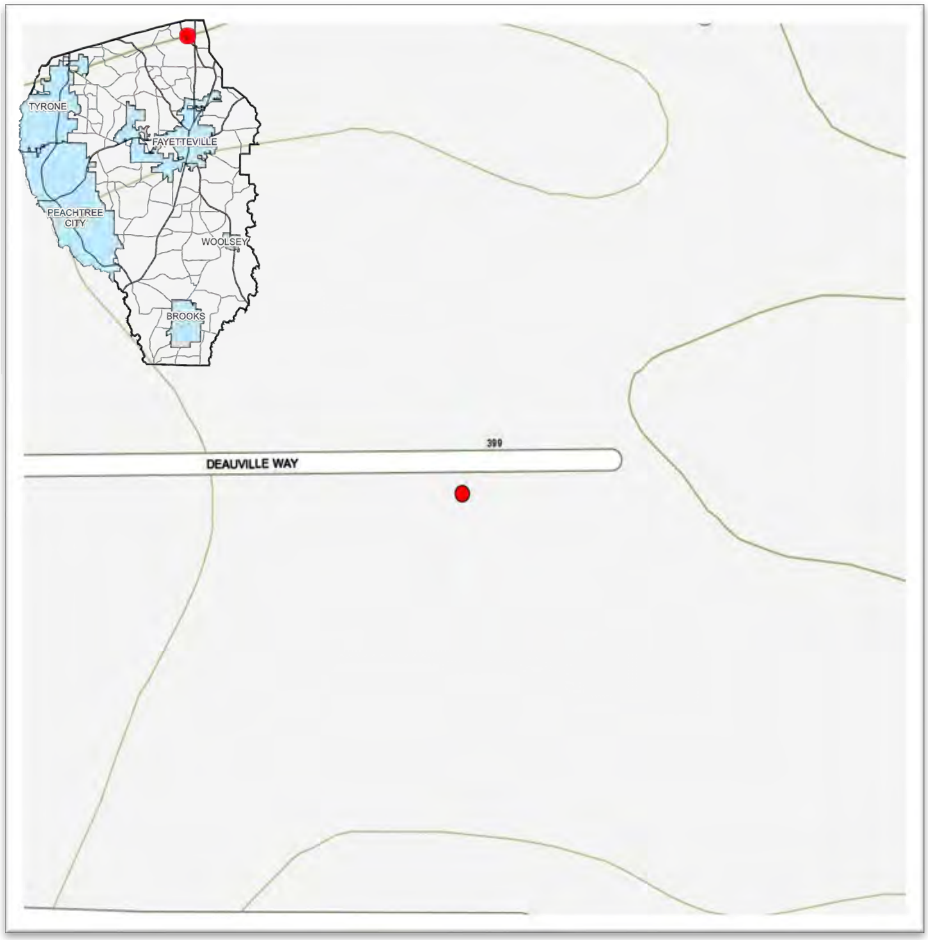
Existing Conditions

Diameter: 18”

Length: 915’

Material: Corrugated Metal Pipe (CMP)

Project Cost Estimate: $290,410



Project Cost Estimate		
Design / Engineering	$	22,312
Right of Way Acquisition	$	72,600
Environmental	$	10,000
Utility Relocation	$	12,375
Construction	$	173,123
Total Cost Estimate	**$**	**290,410**

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Roadway Construction, Utility Relocation and ROW Quantity Calculations   308 Deauville Way

Roadway Construction	Removal Unit Cost	Installation Unit Cost	Amount	Total Cost
Pavement (SF)			0.00	$ -
Curb and Gutter (LF)			0.00	$ -
4" Sidewalk (SY)	$ 43.75	$ 82.03	9.50	$ 1,194.91
Guardrail (LF)			0.00	$ -
End Anchorage (EA)			0.00	$ -
Subtotal				$ 1,194.91
Grading Complete (5% of Rwy Items & Drng Total $)				$ 6,560.07
Roadway Total				$ 7,754.98

Drainage	Removal Unit Cost	Installation Unit Cost	Amount	Total Cost
Trench Excavation (CY)		$ 12.98	697.55	$ 9,054.15
18" CMP (LF)	$ 7.17		915.00	$ 6,560.55
30" RCP (LF)		$ 135.85	610.00	$ 82,868.50
Class A Conc (CY)		$ 1,850.86	9.92	$ 18,360.53
Steel (lb)		$ 2.45	18.04	$ 44.20
Pipe Bedding (CY)		$ 60.75	107.31	$ 6,519.38
Trench Backfill (CY)		$ 3.74	653.72	$ 2,441.63
Trench Compaction (CY)		$ 7.95	522.97	$ 4,157.64
Drainage Total				$ 130,006.58

Signing and Marking	Installation Unit Cost	Amount	Total Cost
Permanent Striping (LF)	$ 1.56	0.00	$ -
Signing and Marking Total			$ -

Staging	Installation Unit Cost	Amount	Total Cost
Clearing and Grubbing (Acre)	$ 26,500.00	0.10	$ 2,650.00
Temporary Pavement			$ -
Temporary Drainage (Stream Diversion)	$ 5,064.24	1.00	$ 5,064.24
Staging Total			$ 7,714.24

Erosion Control	Installation Unit Cost	Amount	Total Cost
Fine Grading and Seeding (SY)	$ 5.49	406.67	$ 2,232.60
Temporary Grassing (AC)	$ 1,061.28	0.00	$ -
Type C Silt Fence (LF)	$ 5.50	610.00	$ 3,355.00
Check Dam Type C Silt Fence (LF)	$ 15.14	610.00	$ 9,235.40
Erosion Control Mats (SY)	$ 1.97	0.00	$ -
Landscape Mulch (SY)	$ 12.22	0.00	$ -
Perm Grassing (AC)	$ 2,935.65	0.00	$ -
Rip Rap Type 3 12" (SY)	$ 129.93	0.00	$ -
Plastic Filter Fabric (SY)	$ 7.50	0.00	$ -
4" Ditch Paving (SY)	$ 74.85	0.00	$ -
Erosion Control Total			$ 14,823.00
Construction Cost Total			$ 160,298.81
Traffic Control (8% of Construction Total $)			$ 12,823.90
Construction Cost Grand Total			$ 173,122.71

Utility Relocation	Removal Unit Cost	Installation Unit Cost	Amount	Total Cost
Electric				
Aerial	$ 13.75	$ 68.75	0.00	$ -
Buried	$ 20.63	$ 103.13	0.00	$ -
Wooden Pole	$ 103.13	$ 756.25	0.00	$ -
Phone				
Aerial	$ 13.75	$ 68.75	0.00	$ -
Buried	$ 20.63	$ 103.13	0.00	$ -
Wooden Pole	$ 103.13	$ 756.25	0.00	$ -
Cable				
Aerial	$ 13.75	$ 68.75	0.00	$ -
Buried	$ 20.63	$ 103.13	100.00	$ 12,375.00
Wooden Pole	$ 103.13	$ 756.25	0.00	$ -
Gas				
4" main	$ 20.63	$ 82.50	0.00	$ -
Water				
8" main	$ 20.63	$ 194.41	0.00	$ -
Relocate Fire Hydrant (EA)		$ 5,665.63	0.00	$ -
Sewer				
12" main	$ 61.65	$ 103.28	0.00	$ -
Utility Relocation Total				$ 12,375.00

Right of Way (Sq Ft)	Cost/ Sq Ft	Sq Ft	Total Cost
Permanent Easement	$ 5.00	14,520.00	$ 72,600.00
ROW Total			$ 72,600.00

<u>Existing Conditions</u>

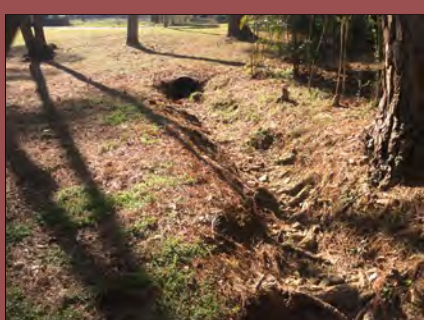
Diameter: 24”

Length: 93’

Material: Corrugated Metal Pipe (CMP)

Project Cost Estimate:

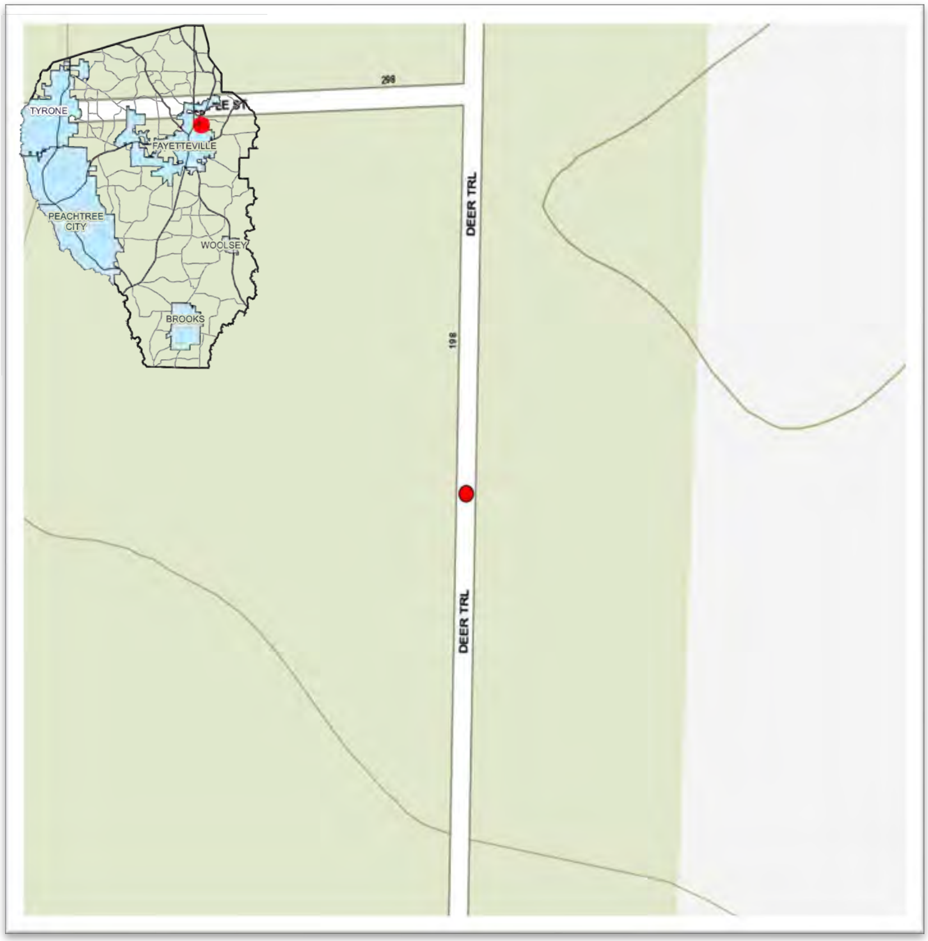
$134,380



2023 STORMWATER SPLOST

175 Deer Trail

Category II, Tier II



Project Cost Estimate		
Design / Engineering	$	12,375
Right of Way Acquisition	$	25,000
Environmental	$	12,500
Utility Relocation	$	10,752
Construction	$	73,753
Total Cost Estimate	**$**	**134,380**

For more information visit https://fayettecountyga.gov/splost-2023/

Roadway Construction, Utility Relocation and ROW Quantity Calculations 175 Deer Trail

Roadway Construction	Removal Unit Cost	Installation Unit Cost	Amount	Total Cost
Pavement (SF)	$ 1.46	$ 9.74	125.00	$ 1,400.00
Curb and Gutter (LF)	$ 11.25	$ 50.00	40.00	$ 2,450.00
Drain Inlet (EA)		$ 3,625.00	2.00	$ 7,250.00
4" Sidewalk (SY)	$ 43.75	$ 82.03	25.00	$ 3,144.50
Guardrail (LF)			0.00	$ -
End Anchorage (EA)			0.00	$ -
Subtotal				$ 14,244.50
Grading Complete (5% of Rwy Items & Drng Total $)				$ 2,565.78
Roadway Total				$ 16,810.28

Drainage	Removal Unit Cost	Installation Unit Cost	Amount	Total Cost
Trench Excavation (CY)		$ 12.98	72.59	$ 942.22
36" CMP (LF)	$ 24.53		168.00	$ 12,363.12
36" RCP		$ 165.83	56.00	$ 9,286.48
Class A Conc (CY)		$ 1,850.86	7.20	$ 13,326.19
Steel (lb)		$ 2.45	0.00	$ -
Pipe Bedding (CY)		$ 60.75	10.37	$ 629.98
Trench Backfill (CY)		$ 3.74	51.82	$ 193.55
Trench Compaction (CY)		$ 7.95	41.46	$ 329.58
Drainage Total				$ 37,071.11

Signing and Marking	Installation Unit Cost	Amount	Total Cost
Permanent Striping (LF)	$ 1.56	0.00	$ -
Signing and Marking Total			$ -

Staging	Installation Unit Cost	Amount	Total Cost
Clearing and Grubbing (Acre)	$ 26,500.00	0.10	$ 2,650.00
Temporary Pavement			$ -
Temporary Drainage (Stream Diversion)	$ 5,064.24	1.00	$ 5,064.24
Staging Total			$ 7,714.24

Erosion Control	Installation Unit Cost	Amount	Total Cost
Fine Grading and Seeding (SY)	$ 5.49	17.22	$ 94.54
Temporary Grassing (AC)	$ 1,061.28	0.00	$ -
Type C Silt Fence (LF)	$ 5.50	224.00	$ 1,232.00
Check Dam Type C Silt Fence (LF)	$ 15.14	224.00	$ 3,391.36
Erosion Control Mats (SY)	$ 1.97	74.67	$ 147.09
Landscape Mulch (SY)	$ 12.22	74.67	$ 912.43
Perm Grassing (AC)	$ 2,935.65	0.00	$ -
Rip Rap Type 3 12" (SY)	$ 129.93	6.67	$ 866.63
Plastic Filter Fabric (SY)	$ 7.50	6.67	$ 50.03
4" Ditch Paving (SY)	$ 74.85	0.00	$ -
Erosion Control Total			$ 6,694.08
Construction Cost Total			$ 68,289.71
Traffic Control (8% of Construction Total $)			$ 5,463.18
Construction Cost Grand Total			$ 73,752.88

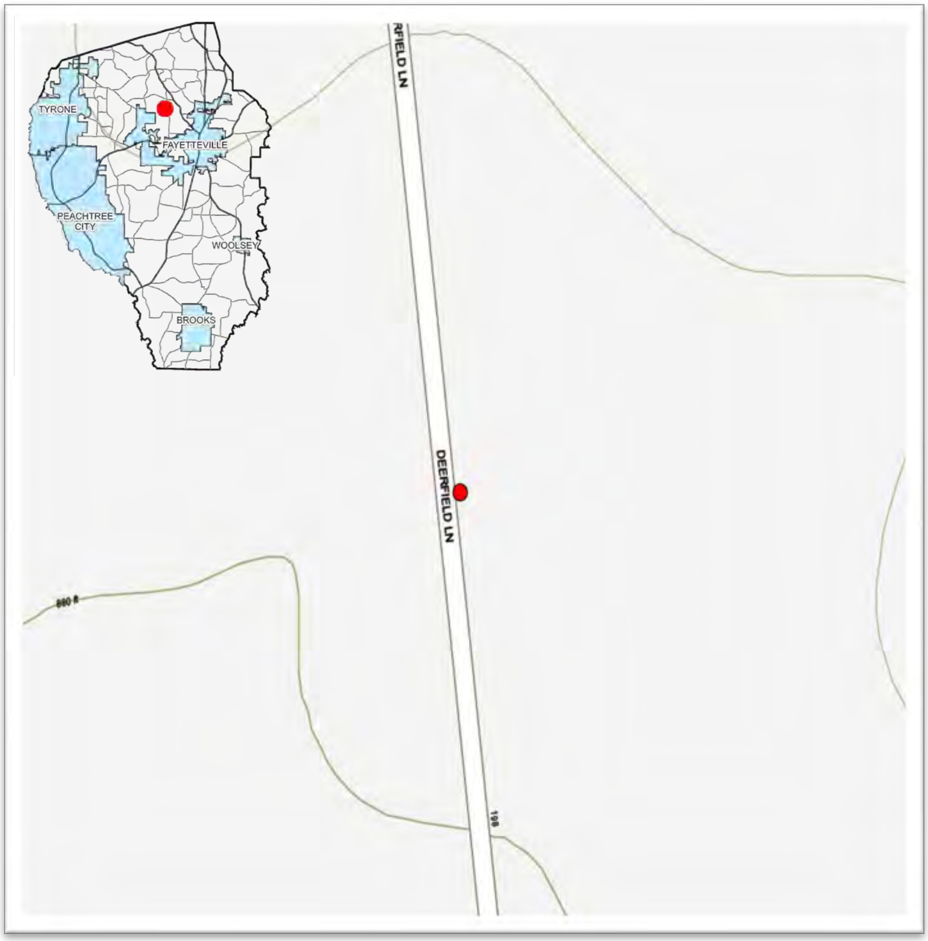
Utility Relocation	Removal Unit Cost	Installation Unit Cost	Amount	Total Cost
Electric				
Aerial	$ 13.75	$ 68.75		$ -
Buried	$ 20.63	$ 103.13		$ -
Wooden Pole	$ 103.13	$ 756.25		$ -
Phone				
Aerial	$ 13.75	$ 68.75		$ -
Buried	$ 20.63	$ 103.13		$ -
Wooden Pole	$ 103.13	$ 756.25		$ -
Cable				
Aerial	$ 13.75	$ 68.75		$ -
Buried	$ 20.63	$ 103.13		$ -
Wooden Pole	$ 103.13	$ 756.25		$ -
Gas				
4" main	$ 20.63	$ 82.50		$ -
Water				
8" main	$ 20.63	$ 194.41	50.00	$ 10,751.75
Relocate Fire Hydrant (EA)		$ 5,665.63		$ -
Sewer			0.00	
12" main	$ 16.50	$ 82.50	0.00	$ -
Utility Relocation Total				$ 10,751.75

Right of Way (Sq Ft)	Cost/ Sq Ft	Sq Ft	Total Cost
Permanent Easement	$ 5.00	5,000.00	$ 25,000.00
ROW Total			$ 25,000.00

2023 STORMWATER SPLOST

130 Deerfield Lane

Category II, Tier II



Existing Conditions

Diameter: 36”

Length: 56’

Material: Corrugated Metal Pipe (CMP)

Project Cost Estimate: $140,161

Project Cost Estimate		
Design / Engineering	$	11,441
Right of Way Acquisition	$	25,000
Environmental	$	10,000
Utility Relocation	$	29,314
Construction	$	64,406
Total Cost Estimate	**$**	**140,161**

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Roadway Construction, Utility Relocation and ROW Quantity Calculations 130 Deerfield Lane

Roadway Construction	Removal Unit Cost	Installation Unit Cost	Amount	Total Cost
Pavement (SF)	$ 1.46	$ 9.74	125.00	$ 1,400.00
Curb and Gutter (LF)	$ 11.25	$ 50.00	40.00	$ 2,450.00
Drain Inlet (EA)		$ 3,625.00	2.00	$ 7,250.00
4" Sidewalk (SY)	$ 43.75	$ 82.03	25.00	$ 3,144.50
Guardrail (LF)				$ -
End Anchorage (EA)				$ -
Subtotal				$ 14,244.50
Grading Complete (5% of Rwy Items & Drng Total $)				$ 2,153.68
Roadway Total				$ 16,398.18

Drainage	Removal Unit Cost	Installation Unit Cost	Amount	Total Cost
Trench Excavation (CY)		$ 12.98	72.59	$ 942.25
36" CMP (LF)	$ 24.53		168.00	$ 4,121.04
36" RCP (LF)		$ 165.83	56.00	$ 9,286.48
Class A Conc (CY)		$ 1,850.86	7.20	$ 13,326.19
Steel (lb)		$ 2.45	0.00	$ -
Pipe Bedding (CY)		$ 60.75	10.37	$ 630.00
Trench Backfill (CY)		$ 3.74	51.82	$ 193.55
Trench Compaction (CY)		$ 7.95	41.46	$ 329.58
Drainage Total				$ 28,829.09

Signing and Marking	Installation Unit Cost	Amount	Total Cost
Permanent Striping (LF)	$ 1.56	0.00	$ -
Signing and Marking Total			$ -

Staging	Installation Unit Cost	Amount	Total Cost
Clearing and Grubbing (Acre)	$ 26,500.00	0.10	$ 2,650.00
Temporary Pavement			$ -
Temporary Drainage (Stream Diversion)	$ 5,064.24	1.00	$ 5,064.24
Staging Total			$ 7,714.24

Erosion Control	Installation Unit Cost	Amount	Total Cost
Fine Grading and Seeding (SY)	$ 5.49	17.22	$ 94.55
Temporary Grassing (AC)	$ 1,061.28	0.00	$ -
Type C Silt Fence (LF)	$ 5.50	224.00	$ 1,232.00
Check Dam Type C Silt Fence (LF)	$ 15.14	224.00	$ 3,391.36
Erosion Control Mats (SY)	$ 1.97	74.67	$ 147.09
Landscape Mulch (SY)	$ 12.22	74.67	$ 912.43
Perm Grassing (AC)	$ 2,935.65	0.00	$ -
Rip Rap Type 3 12" (SY)	$ 129.93	6.67	$ 866.20
Plastic Filter Fabric (SY)	$ 7.50	6.67	$ 50.00
4" Ditch Paving (SY)	$ 74.85	0.00	$ -
Erosion Control Total			$ 6,693.63
Construction Cost Total			$ 59,635.14
Traffic Control (8% of Construction Total $)			$ 4,770.81
Construction Cost Grand Total			$ 64,405.96

Utility Relocation	Removal Unit Cost	Installation Unit Cost	Amount	Total Cost
Electric				
Aerial	$ 13.75	$ 68.75		$ -
Buried	$ 20.63	$ 103.13	50.00	$ 6,187.50
Wooden Pole	$ 103.13	$ 756.25		$ -
Phone				
Aerial	$ 13.75	$ 68.75		$ -
Buried	$ 20.63	$ 103.13	50.00	$ 6,187.50
Wooden Pole	$ 103.13	$ 756.25		$ -
Cable				
Aerial	$ 13.75	$ 68.75		$ -
Buried	$ 20.63	$ 103.13	50.00	$ 6,187.50
Wooden Pole	$ 103.13	$ 756.25		$ -
Gas				
4" main	$ 20.63	$ 82.50		$ -
Water				
8" main	$ 20.63	$ 194.41	50.00	$ 10,751.75
Relocate Fire Hydrant (EA)		$ 5,665.63	0.00	$ -
Sewer				
12" main	$ 61.65	$ 103.28	0.00	$ -
Utility Relocation Total				$ 29,314.25

Right of Way (Sq Ft)	Cost/ Sq Ft	Sq Ft	Total Cost
Permanent Easement	$ 5.00	5,000.00	$ 25,000.00
ROW Total			$ 25,000.00

Existing Conditions

Diameter: 30”

Length: 64’

Material: Corrugated Metal Pipe (CMP)

Project Cost Estimate: $140,019

2023 STORMWATER SPLOST

161 Deerfield Lane

Category II, Tier II

Project Cost Estimate		
Design / Engineering	$	11,428
Right of Way Acquisition	$	25,000
Environmental	$	10,000
Utility Relocation	$	29,314
Construction	$	64,277
Total Cost Estimate	**$**	**140,019**

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Roadway Construction, Utility Relocation and ROW Quantity Calculations   Deerfield Lane 161

Roadway Construction	Removal Unit Cost	Installation Unit Cost	Amount	Total Cost
Pavement (SF)	$ 1.46	$ 9.74	125.00	$ 1,400.00
Curb and Gutter (LF)	$ 11.25	$ 50.00	40.00	$ 2,450.00
Drain Inlet (EA)		$ 3,625.00	2.00	$ 7,250.00
4" Sidewalk (SY)				$ -
Guardrail (LF)				$ -
End Anchorage (EA)				$ -
Subtotal				$ 11,100.00
Grading Complete (5% of Rwy Items & Drng Total $)				$ 2,108.19
Roadway Total				$ 13,208.19

Drainage	Removal Unit Cost	Installation Unit Cost	Amount	Total Cost
Trench Excavation (CY)		$ 12.98	82.96	$ 1,076.86
36" CMP (LF)	$ 24.53		192.00	$ 4,709.76
36" RCP (LF)		$ 165.83	64.00	$ 10,613.12
Class A Conc (CY)		$ 1,850.86	7.20	$ 13,326.19
Steel (lb)		$ 2.45	0.00	$ -
Pipe Bedding (CY)		$ 60.75	11.85	$ 720.00
Trench Backfill (CY)		$ 3.74	61.21	$ 228.61
Trench Compaction (CY)		$ 7.95	48.97	$ 389.28
Drainage Total				$ 31,063.82

Signing and Marking	Installation Unit Cost	Amount	Total Cost
Permanent Striping (LF)	$ 1.56	0.00	$ -
Signing and Marking Total			$ -

Staging	Installation Unit Cost	Amount	Total Cost
Clearing and Grubbing (Acre)	$ 26,500.00	0.10	$ 2,650.00
Temporary Pavement			$ -
Temporary Drainage (Stream Diversion)	$ 5,064.24	1.00	$ 5,064.24
Staging Total			$ 7,714.24

Erosion Control	Installation Unit Cost	Amount	Total Cost
Fine Grading and Seeding (SY)	$ 5.49	21.67	$ 118.95
Temporary Grassing (AC)	$ 1,061.28	0.00	$ -
Type C Silt Fence (LF)	$ 5.50	256.00	$ 1,408.00
Check Dam Type C Silt Fence (LF)	$ 15.14	256.00	$ 3,875.84
Erosion Control Mats (SY)	$ 1.97	85.33	$ 168.11
Landscape Mulch (SY)	$ 12.22	85.33	$ 1,042.77
Perm Grassing (AC)	$ 2,935.65	0.00	$ -
Rip Rap Type 3 12" (SY)	$ 129.93	6.67	$ 866.20
Plastic Filter Fabric (SY)	$ 7.50	6.67	$ 50.00
4" Ditch Paving (SY)	$ 74.85	0.00	$ -
Erosion Control Total			$ 7,529.87
Construction Cost Total			$ 59,516.13
Traffic Control (8% of Construction Total $)			$ 4,761.29
Construction Cost Grand Total			$ 64,277.42

Utility Relocation	Removal Unit Cost	Installation Unit Cost	Amount	Total Cost
Electric				
Aerial	$ 13.75	$ 68.75		$ -
Buried	$ 20.63	$ 103.13	50.00	$ 6,187.50
Wooden Pole	$ 103.13	$ 756.25		$ -
Phone				
Aerial	$ 13.75	$ 68.75		$ -
Buried	$ 20.63	$ 103.13	50.00	$ 6,187.50
Wooden Pole	$ 103.13	$ 756.25		$ -
Cable				
Aerial	$ 13.75	$ 68.75		$ -
Buried	$ 20.63	$ 103.13	50.00	$ 6,187.50
Wooden Pole	$ 103.13	$ 756.25		$ -
Gas				
4" main	$ 20.63	$ 82.50		$ -
Water				
8" main	$ 20.63	$ 194.41	50.00	$ 10,751.75
Relocate Fire Hydrant (EA)		$ 5,665.63		$ -
Sewer			0.00	
12" main	$ 61.65	$ 103.28	0.00	$ -
Utility Relocation Total				$ 29,314.25

Right of Way (Sq Ft)	Cost/ Sq Ft	Sq Ft	Total Cost
Permanent Easement	$ 5.00	5,000.00	$ 25,000.00
ROW Total			$ 25,000.00

Existing Conditions

Diameter: 54”

Length: 82’

Material: Corrugated Metal Pipe (CMP)

Project Cost Estimate:

$255,644

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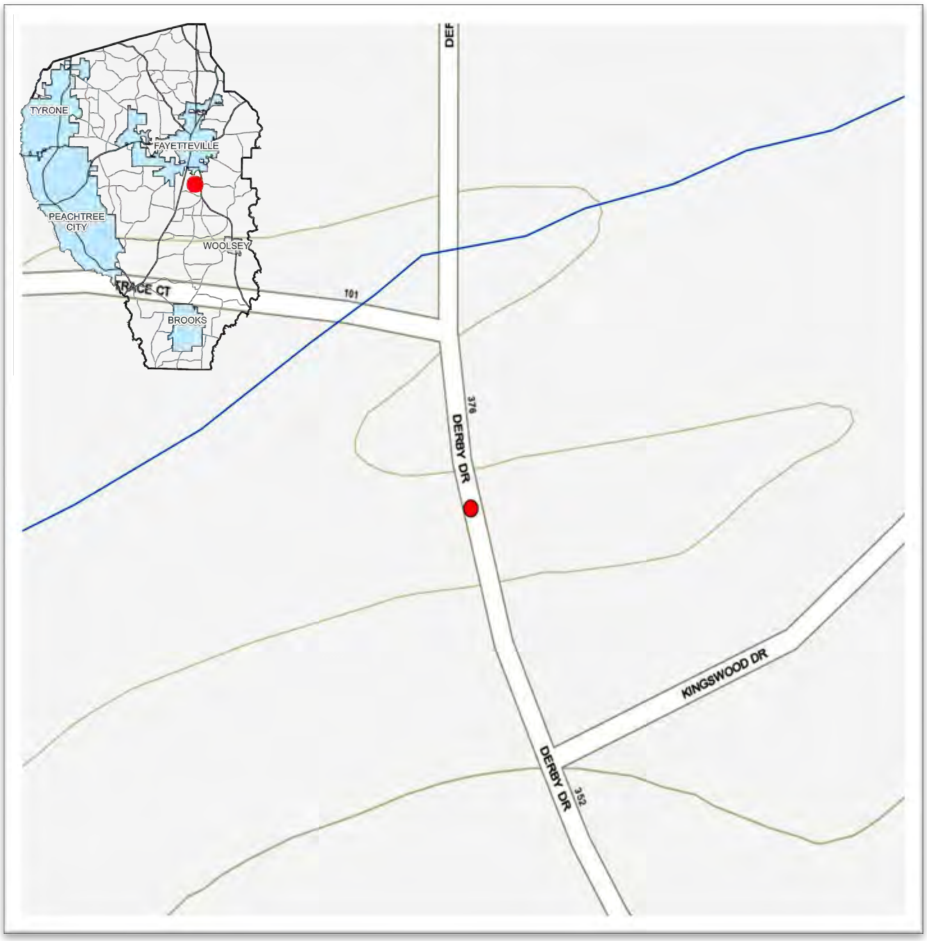
2023 STORMWATER SPLOST

325 Derby Drive

Category II, Tier II



Project Cost Estimate		
Design / Engineering	$	23,862
Right of Way Acquisition	$	10,890
Environmental	$	10,000
Utility Relocation	$	22,275
Construction	$	188,617
Total Cost Estimate	**$**	**255,644**

For more information visit https://fayettecountyga.gov/splost-2023/

Roadway Construction, Utility Relocation and ROW Quantity Calculations 325 Derby Drive

Roadway Construction	Removal Unit Cost	Installation Unit Cost	Amount	Total Cost
Pavement (SF)	$ 1.46	$ 9.74	169.00	$ 1,892.80
Curb and Gutter (LF)			0.00	$ -
Drain Inlet (EA)			0.00	$ -
4" Sidewalk (SY)			0.00	$ -
Guardrail (LF)			0.00	$ -
End Anchorage (EA)			0.00	$ -
Subtotal				$ 1,892.80
Grading Complete (5% of Rwy Items & Drng Total $)				$ 6,743.92
Roadway Total				$ 8,636.72

Drainage	Removal Unit Cost	Installation Unit Cost	Amount	Total Cost
Trench Excavation (CY)		$ 12.98	217.81	$ 2,827.18
54" CMP (LF)	$ 30.75		154.00	$ 14,206.50
54" RCP (LF)		$ 281.96	285.05	$ 80,373.84
Class A Conc (CY)		$ 1,850.86	17.58	$ 32,538.12
Steel (lb)		$ 2.45	0.00	$ -
Pipe Bedding (CY)		$ 60.75	18.54	$ 1,126.13
Trench Backfill (CY)		$ 3.74	189.59	$ 708.12
Trench Compaction (CY)		$ 7.95	151.67	$ 1,205.80
Drainage Total				$ 132,985.68

Signing and Marking	Installation Unit Cost	Amount	Total Cost
Permanent Striping (LF)	$ 1.56		$ -
Signing and Marking Total			$ -

Staging	Installation Unit Cost	Amount	Total Cost
Clearing and Grubbing (Acre)	$ 26,500.00	0.25	$ 6,625.00
Temporary Pavement			$ -
Temporary Drainage (Stream Diversion)	$ 5,064.24	2.00	$ 10,128.48
Staging Total			$ 16,753.48

Erosion Control	Installation Unit Cost	Amount	Total Cost
Fine Grading and Seeding (SY)	$ 5.49	36.83	$ 202.22
Temporary Grassing (AC)	$ 1,061.28	0.00	$ -
Type C Silt Fence (LF)	$ 5.50	616.00	$ 3,388.00
Check Dam Type C Silt Fence (LF)	$ 15.14	616.00	$ 9,326.24
Erosion Control Mats (SY)	$ 1.97	68.44	$ 134.84
Landscape Mulch (SY)	$ 12.22	68.44	$ 836.39
Perm Grassing (AC)	$ 2,935.65	0.00	$ -
Rip Rap Type 3 12" (SY)	$ 129.93	17.33	$ 2,252.12
Plastic Filter Fabric (SY)	$ 7.50	17.33	$ 130.00
4" Ditch Paving (SY)	$ 74.85	0.00	$ -
Erosion Control Total			$ 16,269.80
Construction Cost Total			$ 174,645.69
Traffic Control (8% of Construction Total $)			$ 13,971.65
Construction Cost Grand Total			$ 188,617.34

Utility Relocation	Removal Unit Cost	Installation Unit Cost	Amount	Total Cost
Electric				
Aerial	$ 13.75	$ 68.75	0.00	$ -
Buried	$ 20.63	$ 103.13	60.00	$ 7,425.00
Wooden Pole	$ 103.13	$ 756.25	0.00	$ -
Phone				
Aerial	$ 13.75	$ 68.75	0.00	$ -
Buried	$ 20.63	$ 103.13	60.00	$ 7,425.00
Wooden Pole	$ 103.13	$ 756.25	0.00	$ -
Cable				
Aerial	$ 13.75	$ 68.75	0.00	$ -
Buried	$ 20.63	$ 103.13	60.00	$ 7,425.00
Wooden Pole	$ 103.13	$ 756.25	0.00	$ -
Gas				
4" main	$ 20.63	$ 82.50	0.00	$ -
Water				
8" main	$ 20.63	$ 194.41	0.00	$ -
Sewer		$ 5,665.63		
12" main			0.00	$ -
Utility Relocation Total	$ 61.65	$ 103.28		$ 22,275.00

Right of Way (Sq Ft)	Cost/ Sq Ft	Sq Ft	Total Cost
Permanent Easement	$ 5.00	2,178.00	$ 10,890.00
ROW Total			$ 10,890.00

2023 STORMWATER SPLOST

133 Fernway Drive

Category II, Tier II

Existing Conditions

Diameter: 30”

Length: 480’

Material: Corrugated Metal Pipe (CMP)

Project Cost Estimate:
$266,401

Project Cost Estimate		
Design / Engineering	$	26,640
Right of Way Acquisition	$	24,500
Environmental	$	10,000
Utility Relocation	$	22,275
Construction	$	182,986
Total Cost Estimate	**$**	**266,401**

For more information visit https://fayettecountyga.gov/splost-2023/

Roadway Construction, Utility Relocation and ROW Quantity Calculations Fernway Dr. 133

Roadway Construction	Removal Unit Cost	Installation Unit Cost	Amount	Total Cost
Pavement (SF)	$ 1.46	$ 9.74	161.00	$ 1,803.20
Curb and Gutter (LF)	$ 11.25	$ 50.00	161.00	$ 9,861.25
Catch Basin (EA)	$ 943.06	$ 5,027.02	2.00	$ 11,940.16
Junction Box (EA)		$ 4,990.94	1.00	$ 4,990.94
Guardrail (LF)			0.00	$ -
End Anchorage (EA)			0.00	$ -
Subtotal				$ 28,595.55
Grading Complete (5% of Rwy Items & Drng Total $)				$ 8,104.93
Roadway Total				$ 36,700.48
Drainage	Removal Unit Cost	Installation Unit Cost	Amount	Total Cost
Trench Excavation (CY)		$ 12.98	480.00	$ 6,230.40
30" CMP (LF)	$ 30.75		0.00	$ -
30" RCP (LF)		$ 135.85	480.00	$ 65,208.00
Flowable Fill (CY)		$ 752.80	74.00	$ 55,707.20
Steel (lb)		$ 2.45	0.00	$ -
Pipe Bedding (CY)		$ 60.75	18.54	$ 1,126.13
Trench Backfill (CY)		$ 3.74	518.22	$ 1,935.54
Trench Compaction (CY)		$ 7.95	414.57	$ 3,295.86
Drainage Total				$ 133,503.13
Signing and Marking		Installation Unit Cost	Amount	Total Cost
Permanent Striping (LF)		$ 1.56		$ -
Signing and Marking Total				$ -
Staging		Installation Unit Cost	Amount	Total Cost
Clearing and Grubbing (Acre)		$ 26,500.00	0.10	$ 2,650.00
Temporary Pavement				$ -
Temporary Drainage (Stream Diversion)		$ 5,064.24	0.00	$ -
Staging Total				$ 2,650.00
Erosion Control		Installation Unit Cost	Amount	Total Cost
Fine Grading and Seeding (SY)		$ 5.49	36.83	$ 202.22
Temporary Grassing (AC)		$ 1,061.28	0.00	$ -
Type C Silt Fence (LF)		$ 5.50	0.00	$ -
Check Dam Type C Silt Fence (LF)		$ 15.14	0.00	$ -
Erosion Control Mats (SY)		$ 1.97	0.00	$ -
Landscape Mulch (SY)		$ 12.22	0.00	$ -
Perm Grassing (AC)		$ 2,935.65	0.25	$ 733.91
Rip Rap Type 3 12" (SY)		$ 129.93	0.00	$ -
Plastic Filter Fabric (SY)		$ 7.50	0.00	$ -
4" Ditch Paving (SY)		$ 74.85	0.00	$ -
Erosion Control Total				$ 936.13
Construction Cost Total				$ 173,789.74
Traffic Control (5% of Construction Total $)				$ 8,689.49
Construction Cost Grand Total				$ 182,986.00
Utility Relocation	Removal Unit Cost	Installation Unit Cost	Amount	Total Cost
Electric				
Aerial	$ 13.75	$ 68.75	0.00	$ -
Buried	$ 20.63	$ 103.13	0.00	$ -
Wooden Pole	$ 103.13	$ 756.25	0.00	$ -
Phone				
Aerial	$ 13.75	$ 68.75	0.00	$ -
Buried	$ 20.63	$ 103.13	46.56	$ 5,761.43
Wooden Pole	$ 103.13	$ 756.25	0.00	$ -
Cable				
Aerial	$ 13.75	$ 68.75	0.00	$ -
Buried	$ 20.63	$ 103.13	46.56	$ 5,761.43
Wooden Pole	$ 103.13	$ 756.25	0.00	$ -
Gas				
4" main	$ 20.63	$ 82.50	0.00	$ -
Water				
8" main	$ 20.63	$ 194.41	50.00	$ 10,751.75
Sewer		$ 5,665.63		
12" main			0.00	$ -
Utility Relocation Total	$ 61.65	$ 103.28		$ 22,274.61
Right of Way (Sq Ft)		Cost/ Sq Ft	Sq Ft	Total Cost
Permanent Easement		$ 5.00	4,900.00	$ 24,500.00
ROW Total				$ 24,500.00

2023 STORMWATER SPLOST

584 Flat Creek Trail

Category II, Tier II

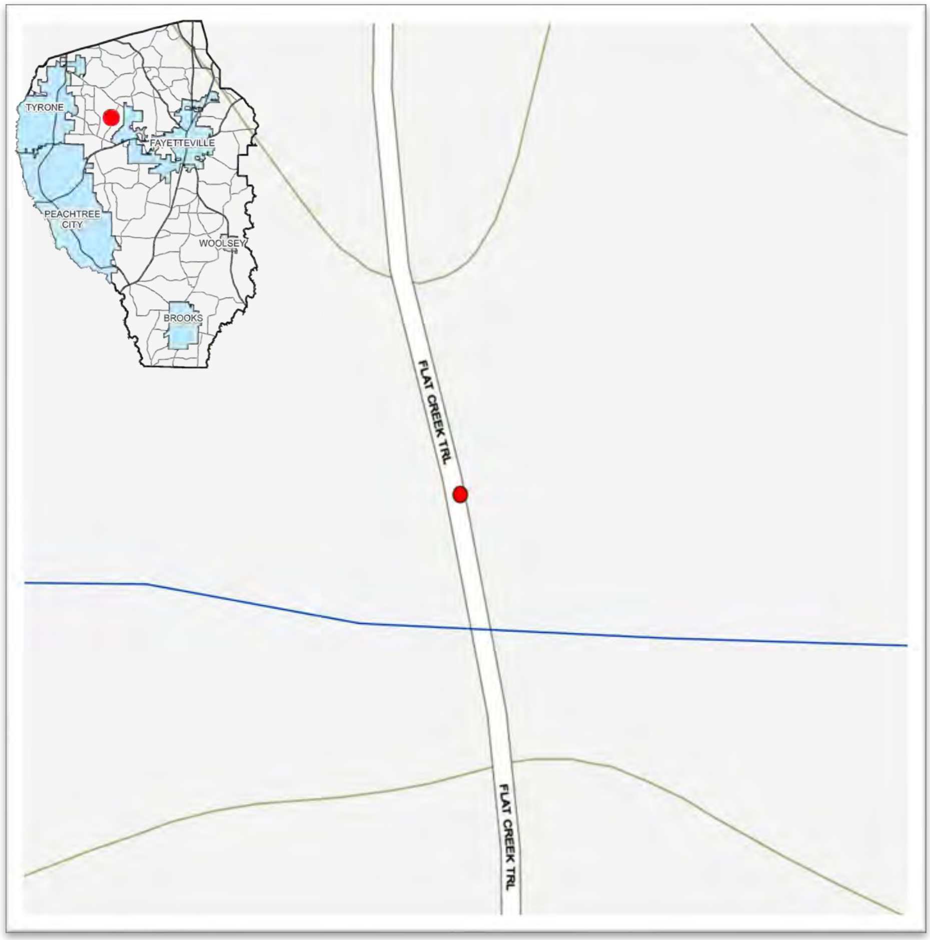
<u>Existing Conditions</u>

Diameter: Two - 60” X 84” Elliptical

Length: 80’

Material: Corrugated Metal Pipe (CMP)

Project Cost Estimate: $943,178



Project Cost Estimate		
Design / Engineering	$	89,016
Right of Way Acquisition	$	52,500
Environmental	$	15,000
Utility Relocation	$	21,504
Construction	$	765,159
Total Cost Estimate	**$**	**943,178**

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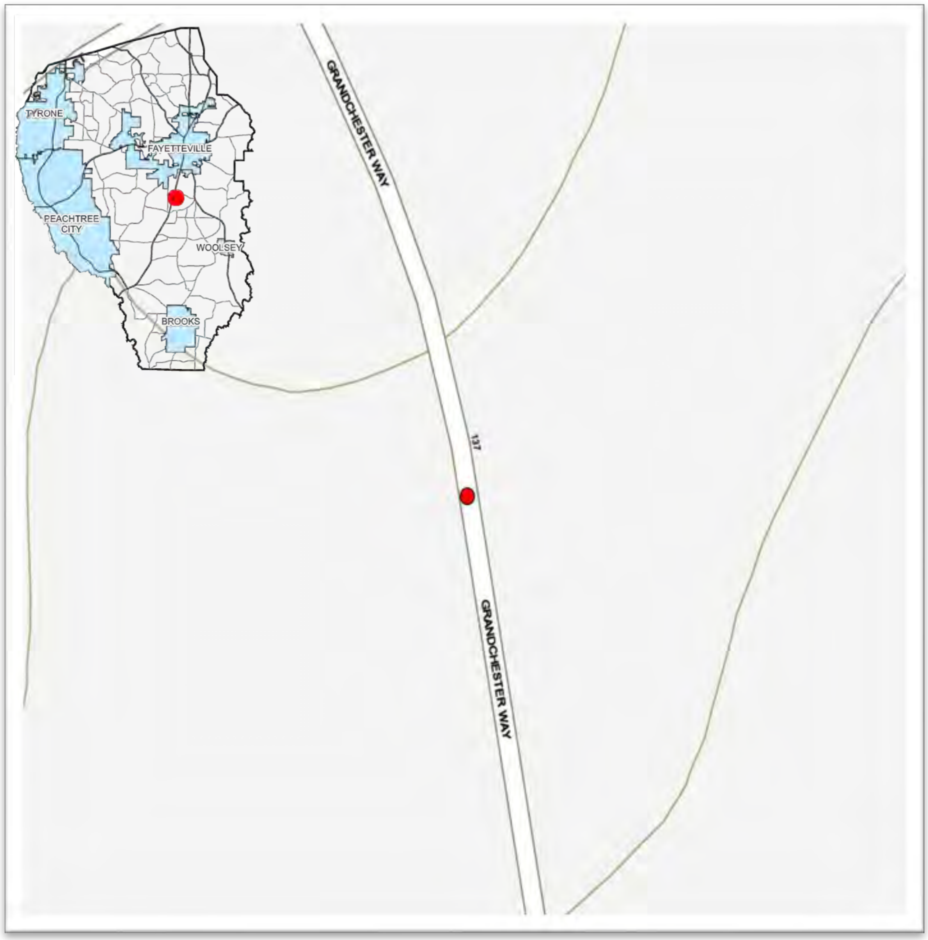
Roadway Construction, Utility Relocation and ROW Quantity Calculations Flat Creek Trail 584

Roadway Construction	Removal Unit Cost	Installation Unit Cost	Amount	Total Cost
Pavement (SF)	$ 1.46	$ 9.74	1,536.00	$ 17,203.20
Curb and Gutter (LF)			0.00	$ -
Drain Inlet (EA)			0.00	$ -
4" Sidewalk (SY)			0.00	$ -
Guardrail (LF)	$ 16.99	$ 61.36	600.00	$ 47,011.50
End Anchorage (EA)		$ 2,028.05	2.00	$ 4,056.10
Subtotal				$ 68,270.80
Grading Complete (5% of Rwy Items & Drng Total $)				$ 31,696.22
Roadway Total				$ 99,967.02
Drainage	Removal Unit Cost	Installation Unit Cost	Amount	Total Cost
Trench Excavation (CY)		$ 12.98	1,348.15	$ 17,498.96
72" CMP (LF)	$ 78.75		140.00	$ 33,075.00
72" RCP			0.00	$ -
Class A Conc (CY)		$ 1,850.86	232.53	$ 430,380.48
Steel (lb)		$ 2.45	26,567.00	$ 65,089.15
Pipe Bedding (CY)		$ 60.75	85.30	$ 5,181.98
Trench Backfill (CY)		$ 3.74	1,429.22	$ 5,338.13
Trench Compaction (CY)		$ 7.95	1,143.37	$ 9,089.83
Drainage Total				$ 565,653.52
Signing and Marking		Installation Unit Cost	Amount	Total Cost
Permanent Striping (LF)		$ 1.56	128.00	$ 199.68
Signing and Marking Total				$ 199.68
Staging		Installation Unit Cost	Amount	Total Cost
Clearing and Grubbing (Acre)		$ 26,500.00	0.20	$ 5,300.00
Temporary Pavement				$ -
Temporary Drainage (Stream Diversion)		$ 5,064.24	2.00	$ 10,128.48
Staging Total				$ 15,827.84
Erosion Control		Installation Unit Cost	Amount	Total Cost
Fine Grading and Seeding (SY)		$ 5.49	163.56	$ 897.92
Temporary Grassing (AC)		$ 1,061.28	0.00	$ -
Type C Silt Fence (LF)		$ 5.50	560.00	$ 3,080.00
Check Dam Type C Silt Fence (LF)		$ 15.14	560.00	$ 8,478.40
Erosion Control Mats (SY)		$ 1.97	186.67	$ 367.73
Landscape Mulch (SY)		$ 12.22	186.67	$ 2,281.07
Perm Grassing (AC)		$ 2,935.65	0.00	$ -
Rip Rap Type 3 12" (SY)		$ 129.93	85.33	$ 11,087.36
Plastic Filter Fabric (SY)		$ 7.50	85.33	$ 640.00
4" Ditch Paving (SY)		$ 74.85	0.00	$ -
Erosion Control Total				$ 26,832.48
Construction Cost Total				$ 708,480.54
Traffic Control (8% of Construction Total $)				$ 56,678.44
Construction Cost Grand Total				$ 765,158.98
Utility Relocation	Removal Unit Cost	Installation Unit Cost	Amount	Total Cost
Electric				
Aerial	$ 13.75	$ 68.75		$ -
Buried	$ 20.63	$ 103.13		$ -
Wooden Pole	$ 103.13	$ 756.25		$ -
Phone				
Aerial	$ 13.75	$ 68.75		$ -
Buried	$ 20.63	$ 103.13		$ -
Wooden Pole	$ 103.13	$ 756.25		$ -
Cable				
Aerial	$ 13.75	$ 68.75		$ -
Buried	$ 20.63	$ 103.13		$ -
Wooden Pole	$ 103.13	$ 756.25		$ -
Gas				
4" main	$ 20.63	$ 82.50		$ -
Water				
8" main	$ 20.63	$ 194.41	100.00	$ 21,503.50
Relocate Fire Hydrant (EA)		$ 5,665.63		$ -
Sewer			0.00	
12" main	$ 61.65	$ 103.28	0.00	$ -
Utility Relocation Total				$ 21,503.50
Right of Way (Sq Ft)		Cost/ Sq Ft	Sq Ft	Total Cost
Permanent Easement		$ 5.00	10,500.00	$ 52,500.00
ROW Total				$ 52,500.00

2023 STORMWATER SPLOST

165 Grandchester Way

Category II, Tier II



Existing Conditions

Diameter: 60”

Length: 80’

Material: Corrugated Metal Pipe (CMP)

Project Cost Estimate:
$235,975

Project Cost Estimate		
Design / Engineering	$	17,682
Right of Way Acquisition	$	37,500
Environmental	$	10,000
Utility Relocation	$	43,971
Construction	$	126,821
Total Cost Estimate	**$**	**235,975**

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Roadway Construction, Utility Relocation and ROW Quantity Calculations 165 Grandchester Way

Roadway Construction	Removal Unit Cost	Installation Unit Cost	Amount	Total Cost
Pavement (SF)	$ 1.46	$ 9.74	168.00	$ 1,881.60
Curb and Gutter (LF)	$ 11.25	$ 50.00	40.00	$ 2,450.00
Drain Inlet (EA)		$ 3,625.00	2.00	$ 7,250.00
Junction Box (EA)		$ 4,990.94	2.00	$ 9,981.88
4" Sidewalk (SY)				$ -
Guardrail (LF)				$ -
End Anchorage (EA)				$ -
Subtotal				$ 21,563.48
Grading Complete (5% of Rwy Items & Drng Total $)				$ 4,837.44
Roadway Total				$ 26,400.92

Drainage	Removal Unit Cost	Installation Unit Cost	Amount	Total Cost
Trench Excavation (CY)		$ 12.98	186.67	$ 2,422.93
60" CMP (LF)	$ 30.75		80.00	$ 2,460.00
60" RCP (LF)		$ 346.63	80.00	$ 27,730.40
Class A Conc (CY)		$ 1,850.86	21.58	$ 39,941.56
Steel (lb)		$ 2.45	0.00	$ -
Pipe Bedding (CY)		$ 60.75	20.74	$ 1,260.00
Trench Backfill (CY)		$ 3.74	135.75	$ 507.02
Trench Compaction (CY)		$ 7.95	108.60	$ 863.36
Drainage Total				$ 75,185.27

Signing and Marking	Installation Unit Cost	Amount	Total Cost
Permanent Striping (LF)	$ 1.56	0.00	$ -
Signing and Marking Total			$ -

Staging	Installation Unit Cost	Amount	Total Cost
Clearing and Grubbing (Acre)	$ 26,500.00	0.10	$ 2,650.00
Temporary Pavement			$ -
Temporary Drainage (Stream Diversion)	$ 5,064.24	1.00	$ 5,064.24
Staging Total			$ 7,714.24

Erosion Control	Installation Unit Cost	Amount	Total Cost
Fine Grading and Seeding (SY)	$ 5.49	43.56	$ 239.12
Temporary Grassing (AC)	$ 1,061.28	0.00	$ -
Type C Silt Fence (LF)	$ 5.50	320.00	$ 1,760.00
Check Dam Type C Silt Fence (LF)	$ 15.14	320.00	$ 4,844.80
Erosion Control Mats (SY)	$ 1.97	0.00	$ -
Landscape Mulch (SY)	$ 12.22	0.00	$ -
Perm Grassing (AC)	$ 2,935.65	0.00	$ -
Rip Rap Type 3 12" (SY)	$ 129.93	9.33	$ 1,212.68
Plastic Filter Fabric (SY)	$ 7.50	9.33	$ 70.00
4" Ditch Paving (SY)	$ 74.85	0.00	$ -
Erosion Control Total			$ 8,126.60
Construction Cost Total			$ 117,427.03
Traffic Control (8% of Construction Total $)			$ 9,394.16
Construction Cost Grand Total			$ 126,821.19

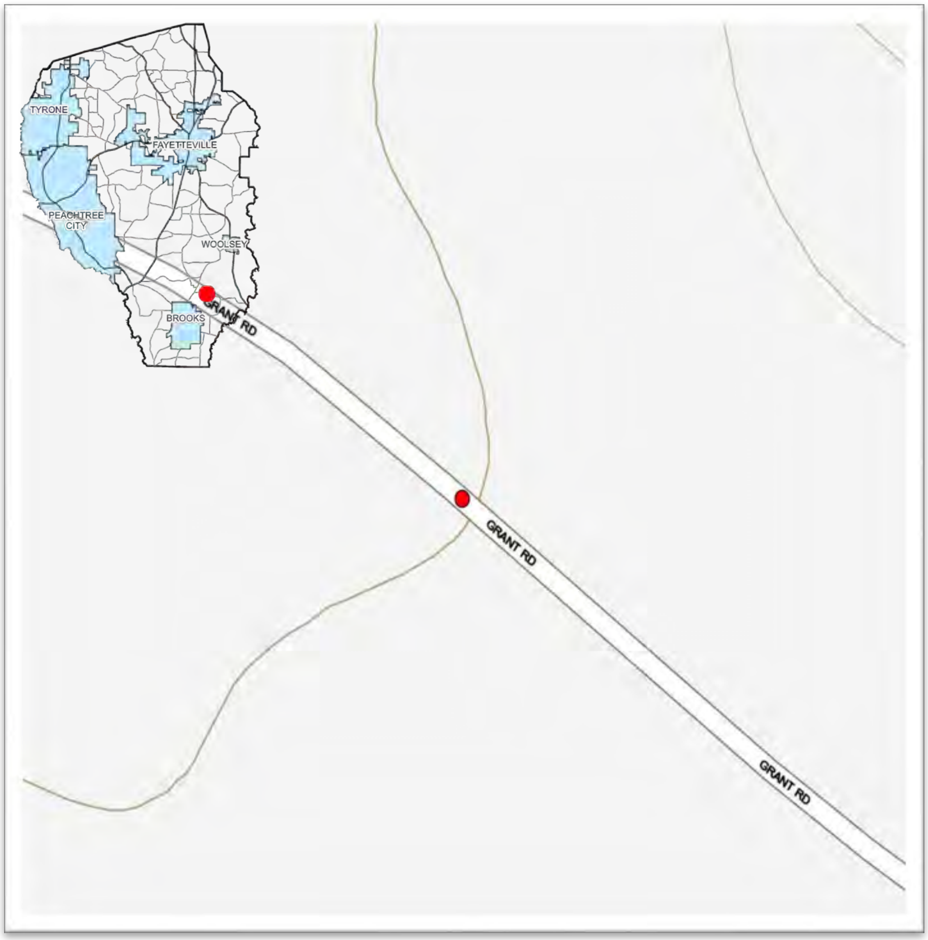
Utility Relocation	Removal Unit Cost	Installation Unit Cost	Amount	Total Cost
Electric				
Aerial	$ 13.75	$ 68.75		$ -
Buried	$ 20.63	$ 103.13	75.00	$ 9,281.25
Wooden Pole	$ 103.13	$ 756.25		$ -
Phone				
Aerial	$ 13.75	$ 68.75		$ -
Buried	$ 20.63	$ 103.13	75.00	$ 9,281.25
Wooden Pole	$ 103.13	$ 756.25		$ -
Cable				
Aerial	$ 13.75	$ 68.75		$ -
Buried	$ 20.63	$ 103.13	75.00	$ 9,281.25
Wooden Pole	$ 103.13	$ 756.25		$ -
Gas				
4" main	$ 20.63	$ 82.50		$ -
Water				
8" main	$ 20.63	$ 194.41	75.00	$ 16,127.63
Relocate Fire Hydrant (EA)		$ 5,665.63		$ -
Sewer			0.00	
12" main	$ 61.65	$ 103.28	0.00	$ -
Utility Relocation Total				$ 43,971.38

Right of Way (Sq Ft)	Cost/ Sq Ft	Sq Ft	Total Cost
Permanent Easement	$ 5.00	7,500.00	$ 37,500.00
ROW Total			$ 37,500.00

2023 STORMWATER SPLOST

250 Grant Road

Category II, Tier II



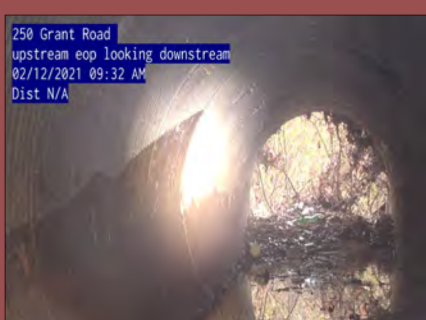
<u>Existing Conditions</u>

Diameter: 60”

Length: 48’

Material: Corrugated Metal Pipe (CMP)

Project Cost Estimate:
$122,525



Project Cost Estimate		
Design / Engineering	$	13,798
Right of Way Acquisition	$	0
Environmental	$	10,000
Utility Relocation	$	10,752
Construction	$	87,976
Total Cost Estimate	**$**	**122,525**

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Roadway Construction, Utility Relocation and ROW Quantity Calculations 250 Grant Road

Roadway Construction	Removal Unit Cost	Installation Unit Cost	Amount	Total Cost
Pavement (SF)	$ 1.46	$ 9.74	168.00	$ 1,881.60
Curb and Gutter (LF)				$ -
Drain Inlet (EA)				$ -
4" Sidewalk (SY)				$ -
Guardrail (LF)				$ -
End Anchorage (EA)				$ -
Subtotal				$ 1,881.60
Grading Complete (5% of Rwy Items & Drng Total $)				$ 3,152.66
Roadway Total				$ 5,034.26

Drainage	Removal Unit Cost	Installation Unit Cost	Amount	Total Cost
Trench Excavation (CY)		$ 12.98	118.22	$ 1,534.52
60" CMP (LF)	$ 30.75		48.00	$ 1,476.00
60" RCP (LF)		$ 346.63	48.00	$ 16,638.24
Class A Conc (CY)		$ 1,850.86	21.58	$ 39,941.56
Steel (lb)		$ 2.45	0.00	$ -
Pipe Bedding (CY)		$ 60.75	12.44	$ 756.00
Trench Backfill (CY)		$ 3.74	81.76	$ 305.37
Trench Compaction (CY)		$ 7.95	65.41	$ 519.99
Drainage Total				$ 61,171.69

Signing and Marking	Installation Unit Cost	Amount	Total Cost
Permanent Striping (LF)	$ 1.56	0.00	$ -
Signing and Marking Total			$ -

Staging	Installation Unit Cost	Amount	Total Cost
Clearing and Grubbing (Acre)	$ 26,500.00	0.10	$ 2,650.00
Temporary Pavement			$ -
Temporary Drainage (Stream Diversion)	$ 5,064.24	1.00	$ 5,064.24
Staging Total			$ 7,714.24

Erosion Control	Installation Unit Cost	Amount	Total Cost
Fine Grading and Seeding (SY)	$ 5.49	18.67	$ 102.48
Temporary Grassing (AC)	$ 1,061.28	0.00	$ -
Type C Silt Fence (LF)	$ 5.50	192.00	$ 1,056.00
Check Dam Type C Silt Fence (LF)	$ 15.14	192.00	$ 2,906.88
Erosion Control Mats (SY)	$ 1.97	64.00	$ 126.08
Landscape Mulch (SY)	$ 12.22	64.00	$ 782.08
Perm Grassing (AC)	$ 2,935.65	0.00	$ -
Rip Rap Type 3 12" (SY)	$ 129.93	18.67	$ 2,425.36
Plastic Filter Fabric (SY)	$ 7.50	18.67	$ 140.00
4" Ditch Paving (SY)	$ 74.85	0.00	$ -
Erosion Control Total			$ 7,538.88
Construction Cost Total			$ 81,459.08
Traffic Control (8% of Construction Total $)			$ 6,516.73
Construction Cost Grand Total			$ 87,975.80

Utility Relocation	Removal Unit Cost	Installation Unit Cost	Amount	Total Cost
Electric				
Aerial	$ 13.75	$ 68.75		$ -
Buried	$ 20.63	$ 103.13		$ -
Wooden Pole	$ 103.13	$ 756.25		$ -
Phone				
Aerial	$ 13.75	$ 68.75		$ -
Buried	$ 20.63	$ 103.13		$ -
Wooden Pole	$ 103.13	$ 756.25		$ -
Cable				
Aerial	$ 13.75	$ 68.75		$ -
Buried	$ 20.63	$ 103.13		$ -
Wooden Pole	$ 103.13	$ 756.25		$ -
Gas				
4" main	$ 20.63	$ 82.50		$ -
Water				
8" main	$ 20.63	$ 194.41	50.00	$ 10,751.75
Relocate Fire Hydrant (EA)		$ 5,665.63		$ -
Sewer			0.00	
12" main	$ 61.65	$ 103.28	0.00	$ -
Utility Relocation Total				$ 10,751.75

Right of Way (Sq Ft)	Cost/ Sq Ft	Sq Ft	Total Cost
Permanent Easement	$ 5.00	0.00	$ -
ROW Total			$ -

2023 STORMWATER SPLOST

426 Grant Road

Category II, Tier II

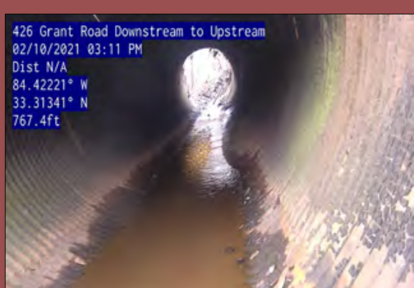
Existing Conditions

Diameter: 60”

Length: 48’

Material: Corrugated Metal Pipe (CMP)

Project Cost Estimate: $122,525



Project Cost Estimate		
Design / Engineering	$	13,798
Right of Way Acquisition	$	0
Environmental	$	10,000
Utility Relocation	$	10,752
Construction	$	87,976
Total Cost Estimate	**$**	**122,525**

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Roadway Construction, Utility Relocation and ROW Quantity Calculations 426 Grant Road

Roadway Construction	Removal Unit Cost	Installation Unit Cost	Amount	Total Cost
Pavement (SF)	$ 1.46	$ 9.74	168.00	$ 1,881.60
Curb and Gutter (LF)				$ -
Drain Inlet (EA)				$ -
4" Sidewalk (SY)				$ -
Guardrail (LF)				$ -
End Anchorage (EA)				$ -
Subtotal				$ 1,881.60
Grading Complete (5% of Rwy Items & Drng Total $)				$ 3,152.66
Roadway Total				$ 5,034.26

Drainage	Removal Unit Cost	Installation Unit Cost	Amount	Total Cost
Trench Excavation (CY)		$ 12.98	118.22	$ 1,534.52
60" CMP (LF)	$ 30.75		48.00	$ 1,476.00
60" RCP (LF)		$ 346.63	48.00	$ 16,638.24
Class A Conc (CY)		$ 1,850.86	21.58	$ 39,941.56
Steel (lb)		$ 2.45	0.00	$ -
Pipe Bedding (CY)		$ 60.75	12.44	$ 756.00
Trench Backfill (CY)		$ 3.74	81.76	$ 305.37
Trench Compaction (CY)		$ 7.95	65.41	$ 519.99
Drainage Total				$ 61,171.69

Signing and Marking	Installation Unit Cost	Amount	Total Cost
Permanent Striping (LF)	$ 1.56	0.00	$ -
Signing and Marking Total			$ -

Staging	Installation Unit Cost	Amount	Total Cost
Clearing and Grubbing (Acre)	$ 26,500.00	0.10	$ 2,650.00
Temporary Pavement			$ -
Temporary Drainage (Stream Diversion)	$ 5,064.24	1.00	$ 5,064.24
Staging Total			$ 7,714.24

Erosion Control	Installation Unit Cost	Amount	Total Cost
Fine Grading and Seeding (SY)	$ 5.49	18.67	$ 102.48
Temporary Grassing (AC)	$ 1,061.28	0.00	$ -
Type C Silt Fence (LF)	$ 5.50	192.00	$ 1,056.00
Check Dam Type C Silt Fence (LF)	$ 15.14	192.00	$ 2,906.88
Erosion Control Mats (SY)	$ 1.97	64.00	$ 126.08
Landscape Mulch (SY)	$ 12.22	64.00	$ 782.08
Perm Grassing (AC)	$ 2,935.65	0.00	$ -
Rip Rap Type 3 12" (SY)	$ 129.93	18.67	$ 2,425.36
Plastic Filter Fabric (SY)	$ 7.50	18.67	$ 140.00
4" Ditch Paving (SY)	$ 74.85	0.00	$ -
Erosion Control Total			$ 7,538.88
Construction Cost Total			$ 81,459.08
Traffic Control (8% of Construction Total $)			$ 6,516.73
Construction Cost Grand Total			$ 87,975.80

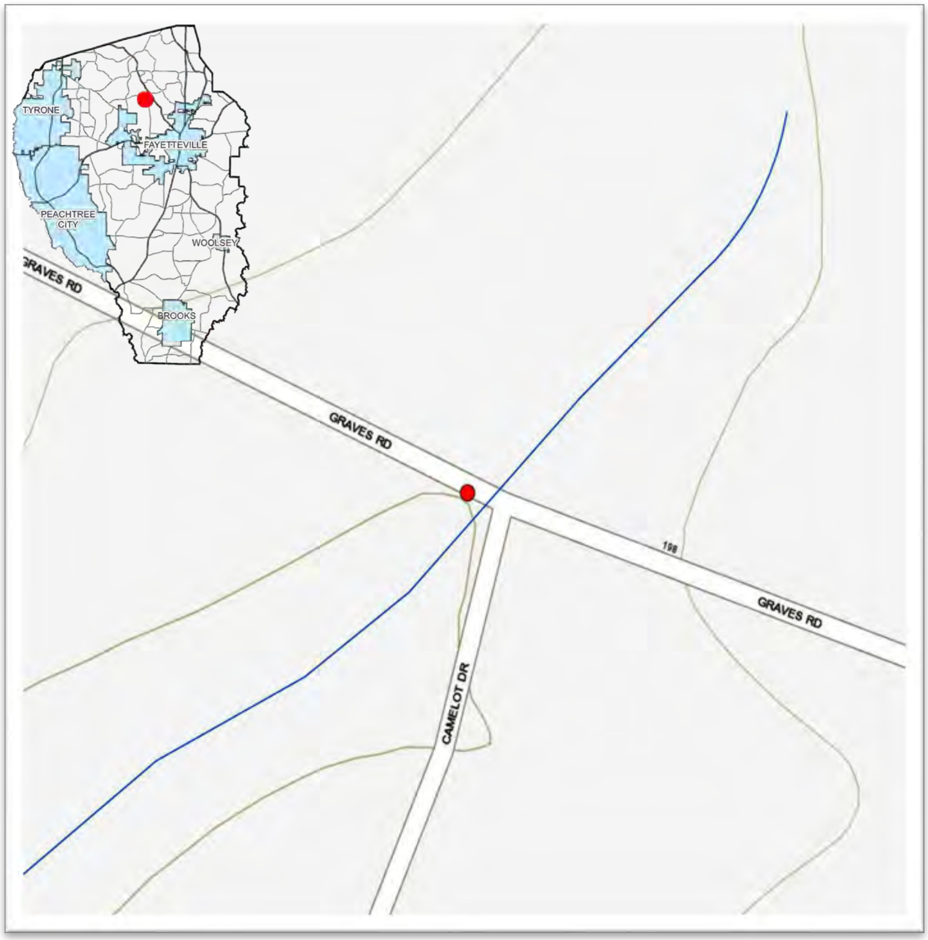
Utility Relocation	Removal Unit Cost	Installation Unit Cost	Amount	Total Cost
Electric				
Aerial	$ 13.75	$ 68.75		$ -
Buried	$ 20.63	$ 103.13		$ -
Wooden Pole	$ 103.13	$ 756.25		$ -
Phone				
Aerial	$ 13.75	$ 68.75		$ -
Buried	$ 20.63	$ 103.13		$ -
Wooden Pole	$ 103.13	$ 756.25		$ -
Cable				
Aerial	$ 13.75	$ 68.75		$ -
Buried	$ 20.63	$ 103.13		$ -
Wooden Pole	$ 103.13	$ 756.25		$ -
Gas				
4" main	$ 20.63	$ 82.50		$ -
Water				
8" main	$ 20.63	$ 194.41	50.00	$ 10,751.75
Relocate Fire Hydrant (EA)		$ 5,665.63		$ -
Sewer			0.00	
12" main	$ 61.65	$ 103.28	0.00	$ -
Utility Relocation Total				$ 10,751.75

Right of Way (Sq Ft)	Cost/ Sq Ft	Sq Ft	Total Cost
Permanent Easement	$ 5.00	0.00	$ -
ROW Total			$ -

2023 STORMWATER SPLOST

226 Graves Road

Category II, Tier II



Existing Conditions

Diameter: 30”

Length: 146’

Material: Corrugated Metal Pipe (CMP)

Project Cost Estimate:

$96,320

Project Cost Estimate		
Design / Engineering	$	12,393
Right of Way Acquisition	$	0
Environmental	$	10,000
Utility Relocation	$	0
Construction	$	73,927
Total Cost Estimate	**$**	**96,320**

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Roadway Construction, Utility Relocation and ROW Quantity Calculations 226 Graves Road

Roadway Construction	Removal Unit Cost	Installation Unit Cost	Amount	Total Cost
Pavement (SF)	$ 1.46	$ 9.74	313.50	$ 3,511.20
Curb and Gutter (LF)				$ -
Drain Inlet (EA)				$ -
4" Sidewalk (SY)				$ -
Guardrail (LF)				$ -
End Anchorage (EA)				$ -
Subtotal				$ 3,511.20
Grading Complete (5% of Rwy Items & Drng Total $)				$ 2,279.03
Roadway Total				$ 5,790.23

Drainage	Removal Unit Cost	Installation Unit Cost	Amount	Total Cost
Trench Excavation (CY)		$ 12.98	202.67	$ 2,630.61
30" CMP (LF)	$ 24.53		146.00	$ 7,162.76
30" RCP (LF)		$ 135.85	146.00	$ 19,834.10
Class A Conc (CY)		$ 1,850.86	4.98	$ 9,217.28
Steel (lb)		$ 2.45	0.00	$ -
Pipe Bedding (CY)		$ 60.75	25.33	$ 1,539.00
Trench Backfill (CY)		$ 3.74	166.99	$ 623.70
Trench Compaction (CY)		$ 7.95	133.59	$ 1,062.04
Drainage Total				$ 42,069.49

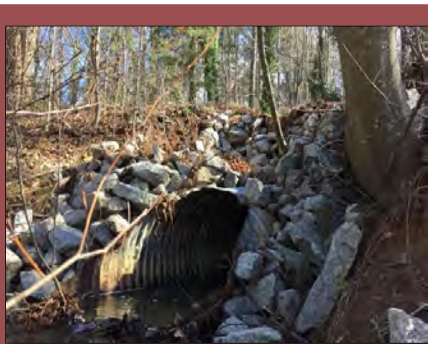
Signing and Marking	Installation Unit Cost	Amount	Total Cost
Permanent Striping (LF)	$ 1.56	47.50	$ 74.10
Signing and Marking Total			$ 74.10

Staging	Installation Unit Cost	Amount	Total Cost
Clearing and Grubbing (Acre)	$ 26,500.00	0.03	$ 662.50
Temporary Pavement			$ -
Temporary Drainage (Stream Diversion)	$ 5,064.24	2.00	$ 10,128.48
Staging Total			$ 10,865.08

Erosion Control	Installation Unit Cost	Amount	Total Cost
Fine Grading and Seeding (SY)	$ 5.49	41.17	$ 226.01
Temporary Grassing (AC)	$ 1,061.28	0.00	$ -
Type C Silt Fence (LF)	$ 5.50	288.00	$ 1,584.00
Check Dam Type C Silt Fence (LF)	$ 15.14	288.00	$ 4,360.32
Erosion Control Mats (SY)	$ 1.97	0.00	$ -
Landscape Mulch (SY)	$ 12.22	0.00	$ -
Perm Grassing (AC)	$ 2,935.65	0.00	$ -
Rip Rap Type 3 12" (SY)	$ 129.93	25.33	$ 3,291.56
Plastic Filter Fabric (SY)	$ 7.50	25.33	$ 190.00
4" Ditch Paving (SY)	$ 74.85	0.00	$ -
Erosion Control Total			$ 9,651.89
Construction Cost Total			$ 68,450.79
Traffic Control (8% of Construction Total $)			$ 5,476.06
Construction Cost Grand Total			$ 73,926.85

Utility Relocation	Removal Unit Cost	Installation Unit Cost	Amount	Total Cost
Electric				
Aerial	$ 13.75	$ 68.75	0.00	$ -
Buried	$ 20.63	$ 103.13	0.00	$ -
Wooden Pole	$ 103.13	$ 756.25	0.00	$ -
Phone				
Aerial	$ 13.75	$ 68.75	0.00	$ -
Buried	$ 20.63	$ 103.13	0.00	$ -
Wooden Pole	$ 103.13	$ 756.25	0.00	$ -
Cable				
Aerial	$ 13.75	$ 68.75	0.00	$ -
Buried	$ 20.63	$ 103.13	0.00	$ -
Wooden Pole	$ 103.13	$ 756.25	0.00	$ -
Gas				
4" main	$ 20.63	$ 82.50	0.00	$ -
Water				
8" main	$ 20.63	$ 194.41	0.00	$ -
Sewer		$ 5,665.63		
12" main			0.00	$ -
Utility Relocation Total	$ 61.65	$ 103.28		$ -

Right of Way (Sq Ft)	Cost/ Sq Ft	Sq Ft	Total Cost
Permanent Easement	$ 5.00	0.00	$ -
ROW Total			$ -



2023 STORMWATER SPLOST

130 Greenfield Circle

Category II, Tier II

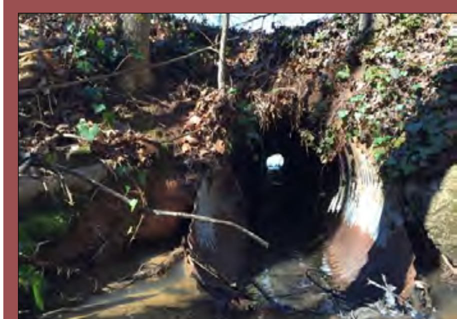
Existing Conditions

Diameter: 36”

Length: 57’

Material: Corrugated Metal Pipe (CMP)

Project Cost Estimate:
$161,775



Project Cost Estimate		
Design / Engineering	$	23,887
Right of Way Acquisition	$	3,000
Environmental	$	10,000
Utility Relocation	$	12,375
Construction	$	115,363
Total Cost Estimate	**$**	**164,625**

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Roadway Construction, Utility Relocation and ROW Quantity Calculations 130 Greenfield Circle

Roadway Construction	Removal Unit Cost	Installation Unit Cost	Amount	Total Cost
Pavement (SF)	$ 1.46	$ 9.74	175.00	$ 1,960.00
Curb and Gutter (LF)	$ 11.25	$ 50.00	40.00	$ 2,450.00
Drain Inlet (EA)		$ 3,625.00	2.00	$ 7,250.00
4" Sidewalk (SY)				$ -
Guardrail (LF)				$ -
End Anchorage (EA)				$ -
Subtotal				$ 11,660.00
Grading Complete (5% of Rwy Items & Drng Total $)				$ 4,409.32
Roadway Total				$ 16,069.32

Drainage	Removal Unit Cost	Installation Unit Cost	Amount	Total Cost
Trench Excavation (CY)		$ 12.98	110.83	$ 1,438.62
36" CMP (LF)	$ 24.53		171.00	$ 4,194.63
54" RCP (LF)			0.00	$ -
Class A Conc (CY)		$ 1,850.86	33.07	$ 61,198.69
Steel (lb)		$ 2.45	3149.90	$ 7,717.26
Pipe Bedding (CY)		$ 60.75	15.30	$ 929.48
Trench Backfill (CY)		$ 3.74	103.80	$ 387.68
Trench Compaction (CY)		$ 7.95	83.04	$ 660.15
Drainage Total				$ 76,526.50

Signing and Marking	Installation Unit Cost	Amount	Total Cost
Permanent Striping (LF)	$ 1.56	21.00	$ 32.76
Signing and Marking Total			$ 32.76

Staging	Installation Unit Cost	Amount	Total Cost
Clearing and Grubbing (Acre)	$ 26,500.00	0.05	$ 1,325.00
Temporary Pavement			$ -
Temporary Drainage (Stream Diversion)	$ 5,064.24	1.00	$ 5,064.24
Staging Total			$ 6,422.00

Erosion Control	Installation Unit Cost	Amount	Total Cost
Fine Grading and Seeding (SY)	$ 5.49	24.89	$ 136.64
Temporary Grassing (AC)	$ 1,061.28	0.00	$ -
Type C Silt Fence (LF)	$ 5.50	228.00	$ 1,254.00
Check Dam Type C Silt Fence (LF)	$ 15.14	228.00	$ 3,451.92
Erosion Control Mats (SY)	$ 1.97	25.33	$ 49.91
Landscape Mulch (SY)	$ 12.22	25.33	$ 309.57
Perm Grassing (AC)	$ 2,935.65	0.00	$ -
Rip Rap Type 3 12" (SY)	$ 129.93	18.67	$ 2,425.36
Plastic Filter Fabric (SY)	$ 7.50	18.67	$ 140.00
4" Ditch Paving (SY)	$ 74.85	0.00	$ -
Erosion Control Total			$ 7,767.40
Construction Cost Total			$ 106,817.98
Traffic Control (8% of Construction Total $)			$ 8,545.44
Construction Cost Grand Total			$ 115,363.42

Utility Relocation	Removal Unit Cost	Installation Unit Cost	Amount	Total Cost
Electric				
Aerial	$ 13.75	$ 68.75	0.00	$ -
Buried	$ 20.63	$ 103.13	0.00	$ -
Wooden Pole	$ 103.13	$ 756.25	0.00	$ -
Phone				
Aerial	$ 13.75	$ 68.75	0.00	$ -
Buried	$ 20.63	$ 103.13	0.00	$ -
Wooden Pole	$ 103.13	$ 756.25	0.00	$ -
Cable				
Aerial	$ 13.75	$ 68.75	0.00	$ -
Buried	$ 20.63	$ 103.13	100.00	$ 12,375.00
Wooden Pole	$ 103.13	$ 756.25	0.00	$ -
Gas				
4" main	$ 20.63	$ 82.50	0.00	$ -
Water				
8" main	$ 20.63	$ 194.41	0.00	$ -
Relocate Fire Hydrant (EA)		$ 5,665.63	0.00	$ -
Sewer				
12" main	$ 61.65	$ 103.28	0.00	$ -
Utility Relocation Total				$ 12,375.00

Right of Way (Sq Ft)	Cost/ Sq Ft	Sq Ft	Total Cost
Permanent Easement	$ 5.00	600.00	$ 3,000.00
ROW Total			$ -

2023 STORMWATER SPLOST

250 Greenfield Circle

Category II, Tier II

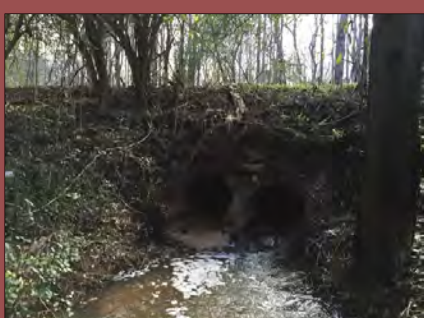
Existing Conditions

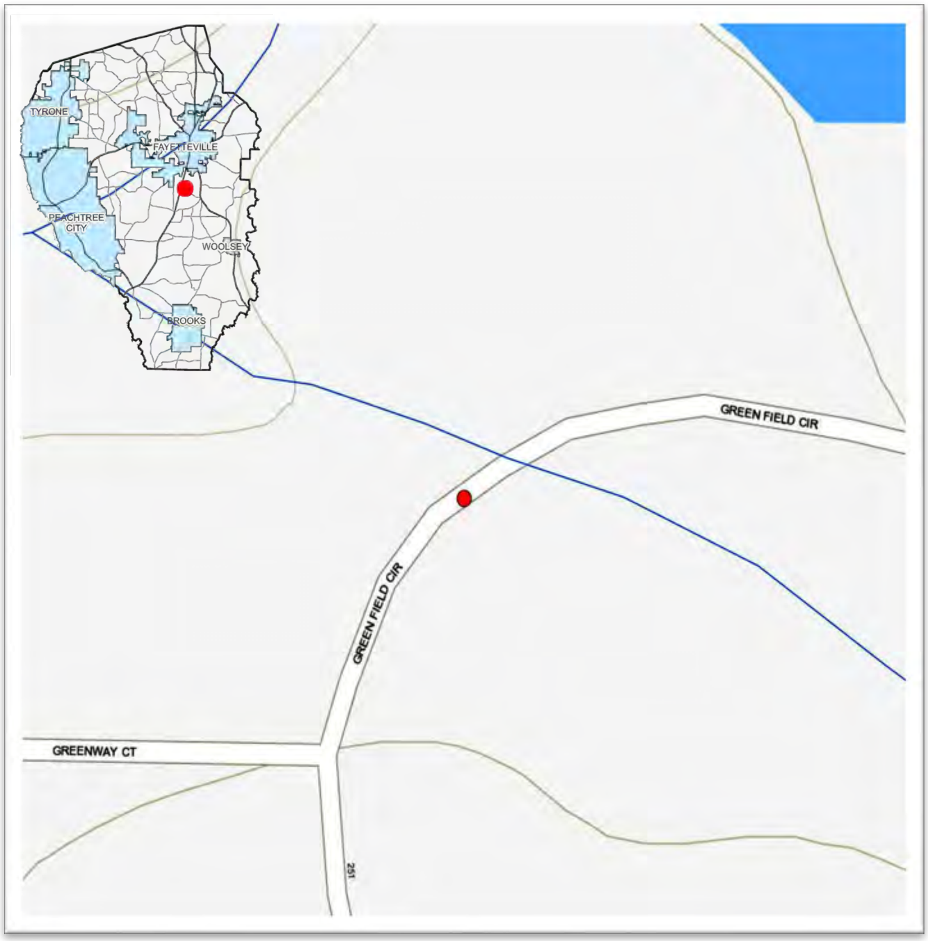
Diameter: 36”

Length: 108’

Material: Corrugated Metal Pipe (CMP)

Project Cost Estimate: $135,799





Project Cost Estimate		
Design / Engineering	$	22,345
Right of Way Acquisition	$	0
Environmental	$	15,000
Utility Relocation	$	0
Construction	$	98,454
Total Cost Estimate	**$**	**135,799**

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Roadway Construction, Utility Relocation and ROW Quantity Calculations Greenfield Circle 250

Roadway Construction	Removal Unit Cost	Installation Unit Cost	Amount	Total Cost
Pavement (SF)	$ 1.46	$ 9.74	288.00	$ 3,225.60
Curb and Gutter (LF)	$ 11.25	$ 50.00	40.00	$ 2,450.00
Drain Inlet (EA)		$ 3,625.00	2.00	$ 7,250.00
4" Sidewalk (SY)			0.00	$ -
Guardrail (LF)			0.00	$ -
End Anchorage (EA)			0.00	$ -
Subtotal				$ 12,925.60
Grading Complete (5% of Rwy Items & Drng Total $)				$ 3,681.12
Roadway Total				$ 16,606.72

Drainage	Removal Unit Cost	Installation Unit Cost	Amount	Total Cost
Trench Excavation (CY)		$ 12.98	237.50	$ 3,082.75
36" CMP (LF)	$ 24.53		108.00	$ 7,947.72
42" RCP (LF)		$ 175.75	108.00	$ 18,981.00
Class A Conc (CY)		$ 1,850.86	14.66	$ 27,133.61
Steel (lb)		$ 2.45	0.00	$ -
Pipe Bedding (CY)		$ 60.75	25.00	$ 1,518.75
Trench Backfill (CY)		$ 3.74	201.39	$ 752.19
Trench Compaction (CY)		$ 7.95	161.11	$ 1,280.84
Drainage Total				$ 60,696.86

Signing and Marking	Installation Unit Cost	Amount	Total Cost
Permanent Striping (LF)	$ 1.56	0.00	$ -
Signing and Marking Total			$ -

Staging	Installation Unit Cost	Amount	Total Cost
Clearing and Grubbing (Acre)	$ 26,500.00	0.15	$ 3,975.00
Temporary Pavement			$ -
Temporary Drainage (Stream Diversion)	$ 5,064.24	1.00	$ 5,064.24
Staging Total			$ 9,039.24

Erosion Control	Installation Unit Cost	Amount	Total Cost
Fine Grading and Seeding (SY)	$ 5.49	40.00	$ 219.60
Temporary Grassing (AC)	$ 1,061.28	0.00	$ -
Type C Silt Fence (LF)	$ 5.50	108.00	$ 594.00
Check Dam Type C Silt Fence (LF)	$ 15.14	108.00	$ 1,635.12
Erosion Control Mats (SY)	$ 1.97	12.00	$ 23.64
Landscape Mulch (SY)	$ 12.22	12.00	$ 146.64
Perm Grassing (AC)	$ 2,935.65	0.00	$ -
Rip Rap Type 3 12" (SY)	$ 129.93	16.00	$ 2,078.88
Plastic Filter Fabric (SY)	$ 7.50	16.00	$ 120.00
4" Ditch Paving (SY)	$ 74.85	0.00	$ -
Erosion Control Total			$ 4,817.88
Construction Cost Total			$ 91,160.71
Traffic Control (8% of Construction Total $)			$ 7,292.86
Construction Cost Grand Total			$ 98,453.56

Utility Relocation	Removal Unit Cost	Installation Unit Cost	Amount	Total Cost
Electric				
Aerial	$ 13.75	$ 68.75	0.00	$ -
Buried	$ 20.63	$ 103.13	0.00	$ -
Wooden Pole	$ 103.13	$ 756.25	0.00	$ -
Phone				
Aerial	$ 13.75	$ 68.75	0.00	$ -
Buried	$ 20.63	$ 103.13	0.00	$ -
Wooden Pole	$ 103.13	$ 756.25	0.00	$ -
Cable				
Aerial	$ 13.75	$ 68.75	0.00	$ -
Buried	$ 20.63	$ 103.13	0.00	$ -
Wooden Pole	$ 103.13	$ 756.25	0.00	$ -
Gas				
4" main	$ 20.63	$ 82.50	0.00	$ -
Water				
8" main	$ 20.63	$ 194.41	0.00	$ -
Relocate Fire Hydrant (EA)		$ 5,665.63	0.00	$ -
Sewer				
12" main	$ 61.65	$ 103.28	0.00	$ -
Utility Relocation Total				$ -

Right of Way (Sq Ft)	Cost/ Sq Ft	Sq Ft	Total Cost
Permanent Easement	$ 5.00	0.00	$ -
ROW Total			$ -

Existing Conditions

Diameter: 48"

Length: 80'

Material: Corrugated Metal Pipe (CMP)

Project Cost Estimate: $265,460

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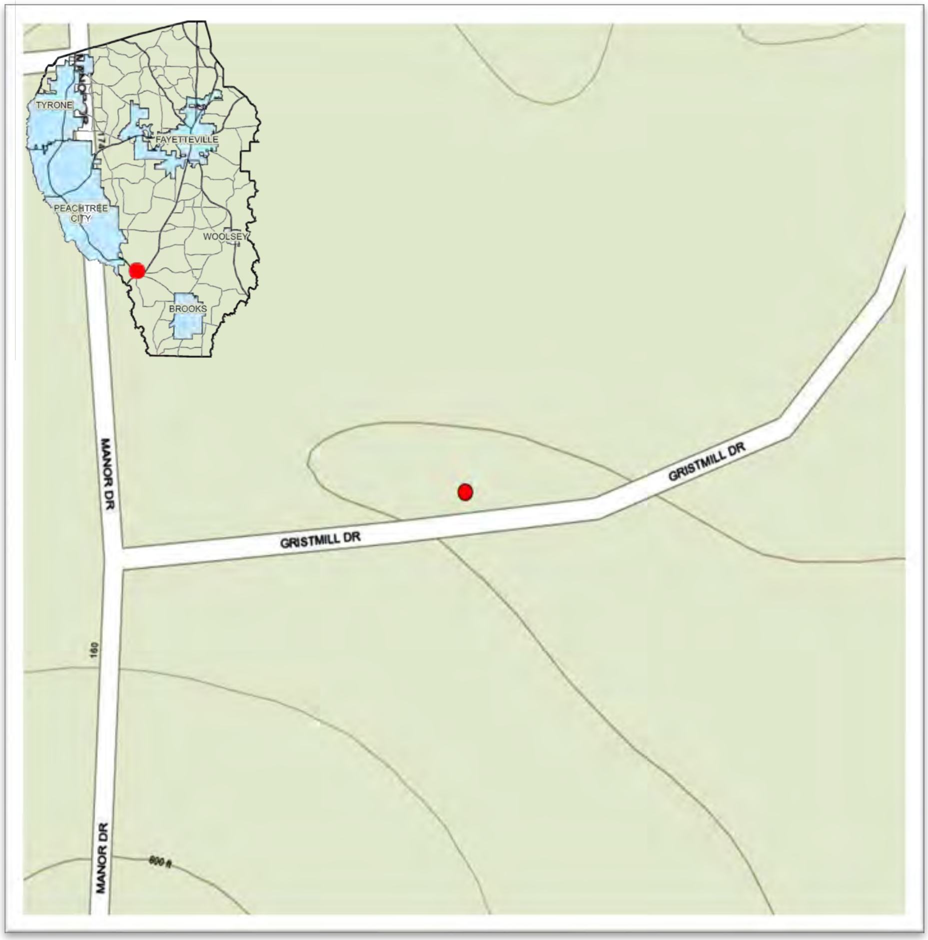
2023 STORMWATER SPLOST

110 Gristmill Drive

Category II, Tier II



Project Cost Estimate		
Design / Engineering	$	22,977
Right of Way Acquisition	$	10,000
Environmental	$	10,000
Utility Relocation	$	42,717
Construction	$	179,766
Total Cost Estimate	**$**	**265,460**

For more information visit https://fayettecountyga.gov/splost-2023/

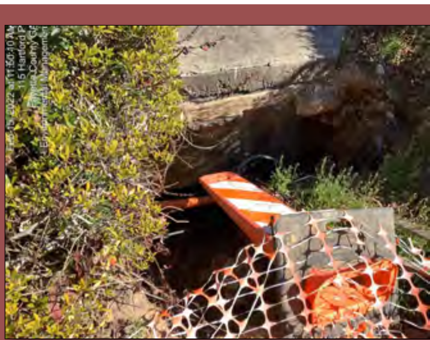
Roadway Construction, Utility Relocation and ROW Quantity Calculations 110 Gristmill Drive

Roadway Construction	Removal Unit Cost	Installation Unit Cost	Amount	Total Cost
Pavement (SF)	$ 1.46	$ 9.74	192.00	$ 2,150.40
Curb and Gutter (LF)	$ 11.25	$ 50.00	30.00	$ 1,837.50
Drain Inlet (EA)				$ -
4" Sidewalk (SY)	$ 43.75	$ 82.03	30.00	$ 3,773.40
Guardrail (LF)			0.00	$ -
End Anchorage (EA)			0.00	$ -
Subtotal				$ 7,761.30
Grading Complete (5% of Rwy Items & Drng Total $)				$ 7,017.03
Roadway Total				$ 14,778.33
Drainage	Removal Unit Cost	Installation Unit Cost	Amount	Total Cost
Trench Excavation (CY)		$ 12.98	325.93	$ 4,230.52
48" CMP (LF)	$ 30.75		160.00	$ 14,760.00
48" RCP			0.00	$ -
Class A Conc (CY)		$ 1,850.86	51.64	$ 95,578.41
Steel (lb)		$ 2.45	5,258.00	$ 12,882.10
Pipe Bedding (CY)		$ 60.75	24.30	$ 1,476.23
Trench Backfill (CY)		$ 3.74	361.77	$ 1,351.23
Trench Compaction (CY)		$ 7.95	289.42	$ 2,300.88
Drainage Total				$ 132,579.36
Signing and Marking		Installation Unit Cost	Amount	Total Cost
Permanent Striping (LF)		$ 1.56	0.00	$ -
Signing and Marking Total				$ -
Staging		Installation Unit Cost	Amount	Total Cost
Clearing and Grubbing (Acre)		$ 26,500.00	0.10	$ 2,650.00
Temporary Pavement				$ -
Temporary Drainage (Stream Diversion)		$ 5,064.24	1.00	$ 5,064.24
Staging Total				$ 7,714.24
Erosion Control		Installation Unit Cost	Amount	Total Cost
Fine Grading and Seeding (SY)		$ 5.49	59.73	$ 327.94
Temporary Grassing (AC)		$ 1,061.28	0.00	$ -
Type C Silt Fence (LF)		$ 5.50	320.00	$ 1,760.00
Check Dam Type C Silt Fence (LF)		$ 15.14	320.00	$ 4,844.80
Erosion Control Mats (SY)		$ 1.97	106.67	$ 210.13
Landscape Mulch (SY)		$ 12.22	106.67	$ 1,303.47
Perm Grassing (AC)		$ 2,935.65	0.00	$ -
Rip Rap Type 3 12" (SY)		$ 129.93	21.33	$ 2,771.84
Plastic Filter Fabric (SY)		$ 7.50	21.33	$ 160.00
4" Ditch Paving (SY)		$ 74.85	0.00	$ -
Erosion Control Total				$ 11,378.18
Construction Cost Total				$ 166,450.11
Traffic Control (8% of Construction Total $)				$ 13,316.01
Construction Cost Grand Total				$ 179,766.12
Utility Relocation	Removal Unit Cost	Installation Unit Cost	Amount	Total Cost
Electric				
Aerial	$ 13.75	$ 68.75		$ -
Buried	$ 20.63	$ 103.13	50.00	$ 6,187.50
Wooden Pole	$ 103.13	$ 756.25		$ -
Phone				
Aerial	$ 13.75	$ 68.75		$ -
Buried	$ 20.63	$ 103.13	50.00	$ 6,187.50
Wooden Pole	$ 103.13	$ 756.25		$ -
Cable				
Aerial	$ 13.75	$ 68.75		$ -
Buried	$ 20.63	$ 103.13	50.00	$ 6,187.50
Wooden Pole	$ 103.13	$ 756.25		$ -
Gas				
4" main	$ 20.63	$ 82.50	50.00	$ 5,156.25
Water				
8" main	$ 20.63	$ 194.41	50.00	$ 10,751.75
Relocate Fire Hydrant (EA)		$ 5,665.63		$ -
Sewer			0.00	
12" main	$ 61.65	$ 103.28	50.00	$ 8,246.50
Utility Relocation Total				$ 42,717.00
Right of Way (Sq Ft)		Cost/ Sq Ft	Sq Ft	Total Cost
Permanent Easement		$ 5.00	2,000.00	$ 10,000.00
ROW Total				$ 10,000.00

2023 STORMWATER SPLOST

100 Hartford Place

Category II, Tier II



<u>Existing Conditions</u>

Diameter: 36”

Length: 484’

Material: Corrugated Metal Pipe (CMP)

Project Cost Estimate: $251,997

Project Cost Estimate		
Design / Engineering	$	26,640
Right of Way Acquisition	$	24,500
Environmental	$	10,000
Utility Relocation	$	22,275
Construction	$	168,582
Total Cost Estimate	**$**	**251,997**

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100 Hartford Place

Seal off connection to private pipe system, run new line down to pipes on Brandon Mill Cr. Replace 28' of 36" CMP with 36" RCP between Catch Basins. Replace CB tops. No additional work on the system outside ROW.

ITEM DESCRIPTION	UNIT	QUAN	ESTIMATED COST UNIT PRICE	ESTIMATED COST TOTAL COST
36" RCP	LF	484.00	$190.36	$92,134.24
Junction Box	EA	3.00	$4,990.94	$14,972.82
Catch Basins	EA	2.00	$5,027.02	$10,054.04
Pipe Delivery	LS	1.00	$2,000.00	$2,000.00
GAB	TN	136.00	$33.42	$4,545.12
#57 Stone	TN	12.00	$42.90	$514.80
9.5mm Ty 2 Asphalt	TN	3.00	$525.00	$1,575.00
Tack	GAL	3.00	$6.00	$18.00
Temporary Flaggers	HR	120.00	$20.00	$2,400.00
Grassing	LS	1.00	$3,000.00	$3,000.00
Grading	LS	1.00	$7,722.88	$7,722.88
Curb and Gutter	LF	484.00	$61.25	$29,645.00
Design/Engineering	LS	1.00	$26,640.10	$26,640.10
Utility Relocation	LS	1.00	$22,275.00	$22,275.00
Environmental Permits	LS	1.00	$10,000.00	$10,000.00
ROW/Easements	SF	4,900	$5.00	$24,500.00

ESTIMATED COST $251,997.00

2023 STORMWATER SPLOST

120 Heritage Way - North

Category II, Tier II

Existing Conditions

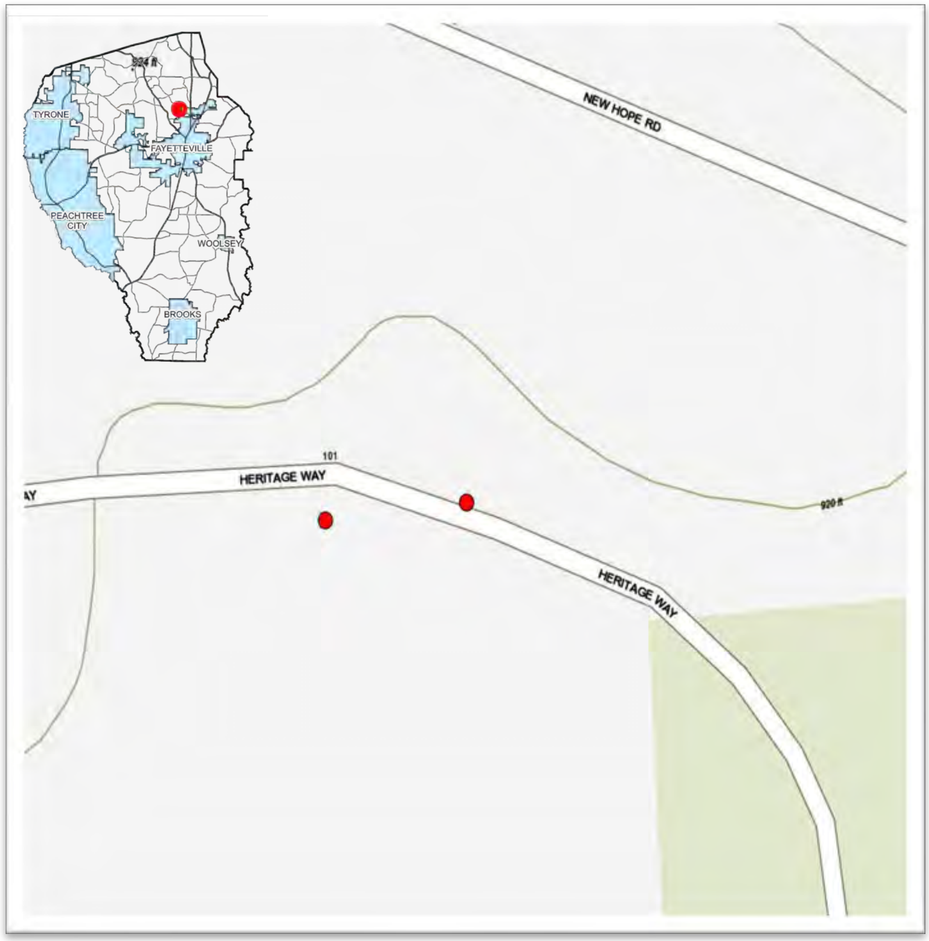
Diameter: 48”

Length: 400’

Material: Corrugated Metal Pipe (CMP)

Project Cost Estimate:

$328,313



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Project Cost Estimate		
Design / Engineering	$	26,077
Right of Way Acquisition	$	37,500
Environmental	$	10,000
Utility Relocation	$	43,971
Construction	$	210,765
Total Cost Estimate	**$**	**328,313**

For more information visit https://fayettecountyga.gov/splost-2023/

Roadway Construction, Utility Relocation and ROW Quantity Calculations Heritage Way - North 120

Roadway Construction	Removal Unit Cost	Installation Unit Cost	Amount	Total Cost
Pavement (SF)	$ 1.46	$ 9.74	120.00	$ 1,344.00
Curb and Gutter (LF)	$ 11.25	$ 50.00	20.00	$ 1,225.00
Drain Inlet (EA)		$ 2.00	3,625.00	$ 7,250.00
4" Sidewalk (SY)				$ -
Guardrail (LF)				$ -
End Anchorage (EA)				$ -
Subtotal				$ 9,819.00
Grading Complete (5% of Rwy Items & Drng Total $)				$ 8,219.12
Roadway Total				$ 18,038.12

Drainage	Removal Unit Cost	Installation Unit Cost	Amount	Total Cost
Trench Excavation (CY)		$ 12.98	977.78	$ 12,691.56
48" CMP (LF)	$ 30.75		400.00	$ 12,300.00
48" RCP (LF)		$ 223.47	400.00	$ 89,388.00
Class A Conc (CY)		$ 1,850.86	13.70	$ 25,356.78
Steel (lb)		$ 2.45	0.00	$ -
Pipe Bedding (CY)		$ 60.75	88.89	$ 5,400.00
Trench Backfill (CY)		$ 3.74	933.83	$ 3,487.86
Trench Compaction (CY)		$ 7.95	747.07	$ 5,939.17
Drainage Total				$ 154,563.37

Signing and Marking	Installation Unit Cost	Amount	Total Cost
Permanent Striping (LF)	$ 1.56	0.00	$ -
Signing and Marking Total			$ -

Staging	Installation Unit Cost	Amount	Total Cost
Clearing and Grubbing (Acre)	$ 26,500.00	0.10	$ 2,650.00
Temporary Pavement			$ -
Temporary Drainage (Stream Diversion)	$ 5,064.24	1.00	$ 5,064.24
Staging Total			$ 7,714.24

Erosion Control	Installation Unit Cost	Amount	Total Cost
Fine Grading and Seeding (SY)	$ 5.49	253.33	$ 1,390.80
Temporary Grassing (AC)	$ 1,061.28	0.00	$ -
Type C Silt Fence (LF)	$ 5.50	400.00	$ 2,200.00
Check Dam Type C Silt Fence (LF)	$ 15.14	400.00	$ 6,056.00
Erosion Control Mats (SY)	$ 1.97	133.33	$ 262.67
Landscape Mulch (SY)	$ 12.22	133.33	$ 1,629.33
Perm Grassing (AC)	$ 2,935.65	0.00	$ -
Rip Rap Type 3 12" (SY)	$ 129.93	24.00	$ 3,118.32
Plastic Filter Fabric (SY)	$ 7.50	24.00	$ 180.00
4" Ditch Paving (SY)	$ 74.85	0.00	$ -
Erosion Control Total			$ 14,837.12
Construction Cost Total			$ 195,152.85
Traffic Control (8% of Construction Total $)			$ 15,612.23
Construction Cost Grand Total			$ 210,765.07

Utility Relocation	Removal Unit Cost	Installation Unit Cost	Amount	Total Cost
Electric				
Aerial	$ 13.75	$ 68.75		$ -
Buried	$ 20.63	$ 103.13	75.00	$ 9,281.25
Wooden Pole	$ 103.13	$ 756.25		$ -
Phone				
Aerial	$ 13.75	$ 68.75		$ -
Buried	$ 20.63	$ 103.13	75.00	$ 9,281.25
Wooden Pole	$ 103.13	$ 756.25		$ -
Cable				
Aerial	$ 13.75	$ 68.75		$ -
Buried	$ 20.63	$ 103.13	75.00	$ 9,281.25
Wooden Pole	$ 103.13	$ 756.25		$ -
Gas				
4" main	$ 20.63	$ 82.50		$ -
Water				
8" main	$ 20.63	$ 194.41	75.00	$ 16,127.63
Relocate Fire Hydrant (EA)		$ 5,665.63		$ -
Sewer			0.00	
12" main	$ 61.65	$ 103.28	0.00	$ -
Utility Relocation Total				$ 43,971.38

Right of Way (Sq Ft)	Cost/ Sq Ft	Sq Ft	Total Cost
Permanent Easement	$ 5.00	7,500.00	$ 37,500.00
ROW Total			$ 37,500.00

Existing Conditions

Diameter: 18” and 24”

Length: 70’

Material: Corrugated Metal Pipe (CMP)

Project Cost Estimate: $105,529

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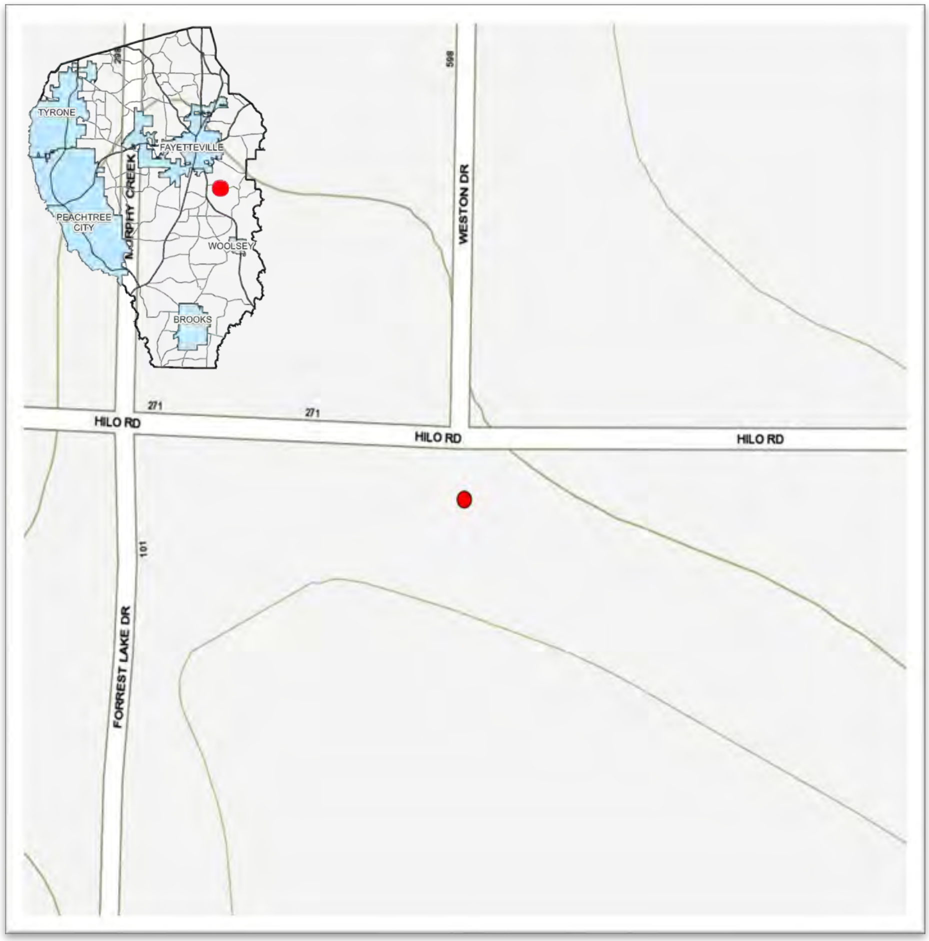
2023 STORMWATER SPLOST

287 Hilo Road

Category II, Tier II



Project Cost Estimate		
Design / Engineering	$	12,011
Right of Way Acquisition	$	0
Environmental	$	10,000
Utility Relocation	$	13,407
Construction	$	70,111
Total Cost Estimate	**$**	**105,529**

For more information visit https://fayettecountyga.gov/splost-2023/

Roadway Construction, Utility Relocation and ROW Quantity Calculations 287 Hilo Road

Roadway Construction	Removal Unit Cost	Installation Unit Cost	Amount	Total Cost
Pavement (SF)	$ 1.46	$ 9.74	450.00	$ 5,040.00
Curb and Gutter (LF)	$ 11.25	$ 50.00	12.00	$ 735.00
Drain Inlet (EA)				$ -
4" Sidewalk (SY)				$ -
Guardrail (LF)				$ -
End Anchorage (EA)				$ -
Subtotal				$ 5,775.00
Grading Complete (5% of Rwy Items & Drng Total $)				$ 2,424.72
Roadway Total				$ 8,199.72

Drainage	Removal Unit Cost	Installation Unit Cost	Amount	Total Cost
Trench Excavation (CY)		$ 12.98	179.11	$ 2,324.86
24" CMP (LF)	$ 16.38		134.00	$ 6,584.76
24" RCP (LF)		$ 104.31	186.00	$ 19,401.66
Class A Conc (CY)		$ 1,850.86	6.20	$ 11,475.33
Steel (lb)		$ 2.45	0.00	$ -
Pipe Bedding (CY)		$ 60.75	27.56	$ 1,674.00
Trench Backfill (CY)		$ 3.74	124.69	$ 465.72
Trench Compaction (CY)		$ 7.95	99.75	$ 793.04
Drainage Total				$ 42,719.37

Signing and Marking	Installation Unit Cost	Amount	Total Cost
Permanent Striping (LF)	$ 1.56	36.00	$ 56.16
Signing and Marking Total			$ 56.16

Staging	Installation Unit Cost	Amount	Total Cost
Clearing and Grubbing (Acre)	$ 26,500.00	0.05	$ 1,325.00
Temporary Pavement			$ -
Temporary Drainage (Stream Diversion)	$ 5,064.24	1.00	$ 5,064.24
Staging Total			$ 6,445.40

Erosion Control	Installation Unit Cost	Amount	Total Cost
Fine Grading and Seeding (SY)	$ 5.49	32.67	$ 179.34
Temporary Grassing (AC)	$ 1,061.28	0.00	$ -
Type C Silt Fence (LF)	$ 5.50	248.00	$ 1,364.00
Check Dam Type C Silt Fence (LF)	$ 15.14	248.00	$ 3,754.72
Erosion Control Mats (SY)	$ 1.97	0.00	$ -
Landscape Mulch (SY)	$ 12.22	0.00	$ -
Perm Grassing (AC)	$ 2,935.65	0.00	$ -
Rip Rap Type 3 12" (SY)	$ 129.93	16.00	$ 2,078.88
Plastic Filter Fabric (SY)	$ 7.50	16.00	$ 120.00
4" Ditch Paving (SY)	$ 74.85	0.00	$ -
Erosion Control Total			$ 7,496.94
Construction Cost Total			$ 64,917.59
Traffic Control (8% of Construction Total $)			$ 5,193.41
Construction Cost Grand Total			$ 70,111.00

Utility Relocation	Removal Unit Cost	Installation Unit Cost	Amount	Total Cost
Electric				
Aerial	$ 13.75	$ 68.75	0.00	$ -
Buried	$ 20.63	$ 103.13	0.00	$ -
Wooden Pole	$ 103.13	$ 756.25	0.00	$ -
Phone				
Aerial	$ 13.75	$ 68.75	0.00	$ -
Buried	$ 20.63	$ 103.13	0.00	$ -
Wooden Pole	$ 103.13	$ 756.25	0.00	$ -
Cable				
Aerial	$ 13.75	$ 68.75	0.00	$ -
Buried	$ 20.63	$ 103.13	0.00	$ -
Wooden Pole	$ 103.13	$ 756.25	0.00	$ -
Gas				
4" main	$ 20.63	$ 82.50	0.00	$ -
Water				
8" main	$ 20.63	$ 194.41	36.00	$ 7,741.26
Relocate Fire Hydrant (EA)		$ 5,665.63	1.00	$ 5,665.63
Sewer				
12" main	$ 61.65	$ 103.28	0.00	$ -
Utility Relocation Total				$ 13,406.89

Right of Way (Sq Ft)	Cost/ Sq Ft	Sq Ft	Total Cost
Permanent Easement	$ 5.00	0.00	$ -
ROW Total			$ -

2023 STORMWATER SPLOST

275 Hunters Glenn

Category II, Tier II

Existing Conditions

Diameter: 18”, 30”, 48”

Length: 286’

Material: Corrugated Metal Pipe (CMP)

Project Cost Estimate:

$236,279

Project Cost Estimate		
Design / Engineering	$	22,797
Right of Way Acquisition	$	30,000
Environmental	$	10,000
Utility Relocation	$	21,504
Construction	$	151,978
Total Cost Estimate	**$**	**236,279**

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For more information visit https://fayettecountyga.gov/splost-2023/

Roadway Construction, Utility Relocation and ROW Quantity Calculations Hunters Glen 275

Roadway Construction	Removal Unit Cost	Installation Unit Cost	Amount	Total Cost
Pavement (SF)	$ 1.46	$ 9.74	1920.00	$ 21,504.00
Curb and Gutter (LF)	$ 11.25	$ 50.00	160.00	$ 9,800.00
DWCB	$ 943.06	$ 5,027.00	2.00	$ 11,940.12
				0
				0
				0
Subtotal				$ 43,244.12
Grading Complete (10% of Rwy Items & Drng Total $)				$ 11,807.20
Roadway Total				**$ 55,051.32**

Drainage	Removal Unit Cost	Installation Unit Cost	Amount	Total Cost
Trench Excavation (CY)		$ 20.00	613.33	$ 12,266.67
48" CMP (LF)	$ 30.75		138.00	$ 4,243.50
30" CMP (LF)	$ 24.53		120.00	$ 2,943.60
18" CMP (LF)	$ 7.17		28.00	$ 200.76
18" RCP		$ 98.84	28.00	$ 2,767.52
30" RCP (LF)		$ 135.85	80.00	$ 10,868.00
48" RCP (LF)		$ 223.47	150.00	$ 33,520.50
Pipe Bedding (CY)		$ 60.75	14.00	$ 850.50
Trench Backfill (CY)		$ 3.74	613.33	$ 2,290.80
Trench Compaction (CY)		$ 7.95	613.33	$ 4,876.00
Drainage Total				**$ 74,827.85**

Signing and Marking	Installation Unit Cost	Amount	Total Cost
Permanent Striping (LF)	$ 1.00	0	$ -
Signing and Marking Total			**$ -**

Staging	Installation Unit Cost	Amount	Total Cost
Clearing and Grubbing (Acre)	$ 26,500.00	0.25	$ 6,625.00
Temporary Pavement			0
Temporary Drainage (Stream Diversion)	$ 4,428.00		$ -
Staging Total			**$ 6,625.00**

Erosion Control	Installation Unit Cost	Amount	Total Cost
Fine Grading and Seeding (SY)	$ 5.49	0.00	$ -
Temporary Grassing (AC)	$ 1,061.28	0.00	$ -
Type C Silt Fence (LF)	$ 5.50	0.00	$ -
Check Dam Type C Silt Fence (LF)	$ 15.14	0.00	$ -
Erosion Control Mats (SY)	$ 1.97	0.00	$ -
Landscape Mulch (SY)	$ 12.22	0.00	$ -
Perm Grassing (AC)	$ 2,935.65	0.50	$ 1,467.83
Rip Rap Type 3 12" (SY)	$ 129.93	20.00	$ 2,598.60
Plastic Filter Fabric (SY)	$ 7.50	20.00	$ 150.00
4" Ditch Paving (SY)	$ 74.85	0.00	$ -
Erosion Control Total			**$ 4,216.43**
Construction Cost Total			**$ 140,720.59**
Traffic Control (8% of Construction Total $)			**$ 11,257.65**
Construction Cost Grand Total			**$ 151,978.24**

Utility Relocation	Removal Unit Cost	Installation Unit Cost	Amount	Total Cost
Electric				
Aerial	$ 13.75	$ 68.75	0.00	$ -
Buried	$ 20.63	$ 103.13	0.00	$ -
Wooden Pole	$ 103.13	$ 756.25	0.00	$ -
Phone				
Aerial	$ 13.75	$ 68.75	0.00	$ -
Buried	$ 20.63	$ 103.13	0.00	$ -
Wooden Pole	$ 103.13	$ 756.25	0.00	$ -
Cable				
Aerial	$ 13.75	$ 68.75	0.00	$ -
Buried	$ 20.63	$ 103.13	0.00	$ -
Wooden Pole	$ 103.13	$ 756.25	0.00	$ -
Gas				
4" main	$ 20.63	$ 82.50	0.00	$ -
Water				
8" main	$ 20.63	$ 194.41	100.00	$ 21,504.00
Sewer				
12" main	$ 16.50	$ 82.50	0.00	$ -
Utility Relocation Total				**$ 21,504.00**

Right of Way (Sq Ft)	Cost/ Sq Ft	Sq Ft	Total Cost
Permanent Easement	$ 5.00	$ 6,000.00	**$ 30,000.00**
ROW Total			**$ 30,000.00**

2023 STORMWATER SPLOST

510 Janice Drive

Category II, Tier II

Existing Conditions

Diameter: 60”

Length: 70’

Material: Corrugated Metal Pipe

Project Cost Estimate:
$341,319

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Project Cost Estimate		
Design / Engineering	$	37,409
Right of Way Acquisition	$	12,500
Environmental	$	15,000
Utility Relocation	$	27,321
Construction	$	249,090
Total Cost Estimate	**$**	**341,319**

For more information visit https://fayettecountyga.gov/splost-2023/

Roadway Construction, Utility Relocation and ROW Quantity Calculations 510 Janice Drive

Roadway Construction	Removal Unit Cost	Installation Unit Cost	Amount	Total Cost
Pavement (SF)	$ 1.46	$ 9.74	280.00	$ 3,136.00
Curb and Gutter (LF)			0.00	$ -
Drain Inlet (EA)			0.00	$ -
4" Sidewalk (SY)			0.00	$ -
Guardrail (LF)			0.00	$ -
End Anchorage (EA)			0.00	$ -
Subtotal				$ 3,136.00
Grading Complete (5% of Rwy Items & Drng Total $)				$ 10,054.58
Roadway Total				$ 13,190.58

Drainage	Removal Unit Cost	Installation Unit Cost	Amount	Total Cost
Trench Excavation (CY)		$ 12.98	290.37	$ 3,769.01
60" CMP (LF)	$ 30.75		70.00	$ 6,457.50
60" RCP			0.00	$ -
Class A Conc (CY)		$ 1,850.86	86.48	$ 160,062.37
Steel (lb)		$ 2.45	9,154.00	$ 22,427.30
Pipe Bedding (CY)		$ 60.75	37.30	$ 2,265.98
Trench Backfill (CY)		$ 3.74	294.55	$ 1,100.15
Trench Compaction (CY)		$ 7.95	235.64	$ 1,873.35
Drainage Total				$ 197,955.66

Signing and Marking	Installation Unit Cost	Amount	Total Cost
Permanent Striping (LF)	$ 1.56	0.00	$ -
Signing and Marking Total			$ -

Staging	Installation Unit Cost	Amount	Total Cost
Clearing and Grubbing (Acre)	$ 26,500.00	0.10	$ 2,650.00
Temporary Pavement			$ -
Temporary Drainage (Stream Diversion)	$ 5,064.24	1.00	$ 5,064.24
Staging Total			$ 7,714.24

Erosion Control	Installation Unit Cost	Amount	Total Cost
Fine Grading and Seeding (SY)	$ 5.49	77.78	$ 427.00
Temporary Grassing (AC)	$ 1,061.28	0.00	$ -
Type C Silt Fence (LF)	$ 5.50	280.00	$ 1,540.00
Check Dam Type C Silt Fence (LF)	$ 15.14	280.00	$ 4,239.20
Erosion Control Mats (SY)	$ 1.97	31.11	$ 61.29
Landscape Mulch (SY)	$ 12.22	31.11	$ 380.18
Perm Grassing (AC)	$ 2,935.65	0.00	$ -
Rip Rap Type 3 12" (SY)	$ 129.93	37.33	$ 4,850.72
Plastic Filter Fabric (SY)	$ 7.50	37.33	$ 280.00
4" Ditch Paving (SY)	$ 74.85	0.00	$ -
Erosion Control Total			$ 11,778.39
Construction Cost Total			$ 230,638.87
Traffic Control (8% of Construction Total $)			$ 18,451.11
Construction Cost Grand Total			$ 249,089.97

Utility Relocation	Removal Unit Cost	Installation Unit Cost	Amount	Total Cost
Electric				
Aerial	$ 13.75	$ 68.75	60.00	$ 4,950.00
Buried	$ 20.63	$ 103.13	0.00	$ -
Wooden Pole	$ 103.13	$ 756.25	2.00	$ 1,718.75
Phone				
Aerial	$ 13.75	$ 68.75	60.00	$ 4,950.00
Buried	$ 20.63	$ 103.13	0.00	$ -
Wooden Pole	$ 103.13	$ 756.25		$ -
Cable				
Aerial	$ 13.75	$ 68.75	60.00	$ 4,950.00
Buried	$ 20.63	$ 103.13	0.00	$ -
Wooden Pole	$ 103.13	$ 756.25		$ -
Gas				
4" main	$ 20.63	$ 82.50		$ -
Water				
8" main	$ 20.63	$ 194.41	50.00	$ 10,751.75
Relocate Fire Hydrant (EA)		$ 5,665.63		$ -
Sewer			0.00	
12" main	$ 61.65	$ 103.28	0.00	$ -
Utility Relocation Total				$ 27,320.50

Right of Way (Sq Ft)	Cost/ Sq Ft	Sq Ft	Total Cost
Permanent Easement	$ 5.00	2,500.00	$ 12,500.00
ROW Total			$ 12,500.00

<u>Existing Conditions</u>

Diameter: One-24” & Two-36”

Length: 265’

Material: Corrugated Metal Pipe (CMP)

Project Cost Estimate:
$310,009

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2023 STORMWATER SPLOST

125 Jefferson Woods Drive

Category II, Tier II

Project Cost Estimate		
Design / Engineering	$	23,334
Right of Way Acquisition	$	23,334
Environmental	$	10,000
Utility Relocation	$	20,000
Construction	$	233,341
Total Cost Estimate	**$**	**310,009**

For more information visit https://fayettecountyga.gov/splost-2023/

Roadway Construction, Utility Relocation and ROW Quantity Calculations — Jefferson Woods Dr

Roadway Construction	Removal Unit Cost	Installation Unit Cost	Amount	Total Cost
Pavement (SF)	$ 1.46	$ 9.74	480.00	$ 5,376.00
Curb and Gutter (LF)	$ 11.25	$ 50.00	40.00	$ 2,450.00
DWCB	$ 943.06	$ 5,027.02	2.00	$ 11,940.16
4" Sidewalk (SY)	$ -	$ -	0.00	0
Guardrail (LF)			0.00	0
End Anchorage (EA)			0.00	0
Subtotal				$ 19,766.16
Grading Complete (10% of Rwy Items & Drng Total $)				$ 18,734.34
Roadway Total				**$ 38,500.50**

Drainage	Removal Unit Cost	Installation Unit Cost	Amount	Total Cost
Trench Excavation (CY)		$ 20.00	888.89	$ 17,777.78
36" CMP (LF)	$ 24.60		200.00	$ 4,920.00
18" CMP (LF)	$ 24.60		65.00	$ 1,599.00
Class A Conc (CY)		$ 1,850.86	66.00	$ 122,156.76
Steel (lb)		$ 2.45	7590.00	$ 18,595.50
Pipe Bedding (CY)		$ 60.75	32.00	$ 1,944.00
Trench Backfill (CY)		$ 3.74	50.00	$ 186.75
Trench Compaction (CY)		$ 7.95	50.00	$ 397.50
Drainage Total				**$ 167,577.29**

Signing and Marking	Installation Unit Cost	Amount	Total Cost
Permanent Striping (LF)	$ 1.00	0	$ -
Signing and Marking Total			**$ -**

Staging	Installation Unit Cost	Amount	Total Cost
Clearing and Grubbing (Acre)	$ 26,500.00	0.25	$ 6,625.00
Temporary Pavement			0
Temporary Drainage (Stream Diversion)	$ 4,428.00		$ -
Staging Total			**$ 6,625.00**

Erosion Control	Installation Unit Cost	Amount	Total Cost
Fine Grading and Seeding (SY)	$ 5.49	0.00	$ -
Temporary Grassing (AC)	$ 1,061.28	0.00	$ -
Type C Silt Fence (LF)	$ 5.50	0.00	$ -
Check Dam Type C Silt Fence (LF)	$ 15.14	0.00	$ -
Erosion Control Mats (SY)	$ 1.97	0.00	$ -
Landscape Mulch (SY)	$ 12.22	0.00	$ -
Perm Grassing (AC)	$ 2,935.65	0.25	$ 733.91
Rip Rap Type 3 12" (SY)	$ 129.93	20.00	$ 2,598.60
Plastic Filter Fabric (SY)	$ 7.50	20.00	$ 150.00
4" Ditch Paving (SY)	$ 74.85	0.00	$ -
Erosion Control Total			**$ 3,482.51**
Construction Cost Total			**$ 216,185.31**
Traffic Control (8% of Construction Total $)			**$ 17,294.82**
Construction Cost Grand Total			**$ 233,340.59**

Utility Relocation	Removal Unit Cost	Installation Unit Cost	Amount	Total Cost
Electric				
Aerial	$ 13.75	$ 68.75	0.00	$ -
Buried	$ 20.63	$ 103.13	34.11	$ 4,221.48
Wooden Pole	$ 103.13	$ 756.25	0.00	$ -
Phone				
Aerial	$ 13.75	$ 68.75	0.00	$ -
Buried	$ 20.63	$ 103.13	34.11	$ 4,221.48
Wooden Pole	$ 103.13	$ 756.25	0.00	$ -
Cable				
Aerial	$ 13.75	$ 68.75	0.00	$ -
Buried	$ 20.63	$ 103.13	34.11	$ 4,221.48
Wooden Pole	$ 103.13	$ 756.25	0.00	$ -
Gas				
4" main	$ 20.63	$ 82.50	0.00	$ -
Water				
8" main	$ 20.63	$ 194.41	34.11	$ 7,335.66
Sewer				
12" main	$ 61.65	$ 103.28	0.00	$ -
Utility Relocation Total				**$ 20,000.11**

Right of Way (Sq Ft)	Cost/ Sq Ft	Sq Ft	Total Cost
Permanent Easement	$ 5.00	4666.80	**$ 23,334.00**
ROW Total			**$ 23,334.00**

2023 STORMWATER SPLOST

671 Kenwood Road

Category II, Tier II

<u>Existing Conditions</u>

Diameter: 60”

Length: 57’

Material: Corrugated Metal Pipe (CMP)

Project Cost Estimate:
$149,311

Project Cost Estimate		
Design / Engineering	$	15,444
Right of Way Acquisition	$	0
Environmental	$	18,000
Utility Relocation	$	19,422
Construction	$	104,444
Total Cost Estimate	**$**	**149,311**

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Roadway Construction, Utility Relocation and ROW Quantity Calculations 671 Kenwood Road

Roadway Construction	Removal Unit Cost	Installation Unit Cost	Amount	Total Cost
Pavement (SF)	$ 1.46	$ 9.74	154.00	$ 1,724.80
Curb and Gutter (LF)			0.00	$ -
Drain Inlet (EA)			0.00	$ -
4" Sidewalk (SY)			0.00	$ -
Guardrail (LF)			0.00	$ -
End Anchorage (EA)			0.00	$ -
Subtotal				$ 1,724.80
Grading Complete (5% of Rwy Items & Drng Total $)				$ 3,469.35
Roadway Total				$ 5,194.15

Drainage	Removal Unit Cost	Installation Unit Cost	Amount	Total Cost
Trench Excavation (CY)		$ 12.98	236.44	$ 3,069.05
60" CMP (LF)	$ 30.75		57.00	$ 1,752.75
60" RCP (LF)		$ 346.63	57.00	$ 19,757.91
Class A Conc (CY)		$ 1,850.86	21.58	$ 39,941.56
Steel (lb)		$ 2.45	0.00	$ -
Pipe Bedding (CY)		$ 60.75	14.78	$ 897.75
Trench Backfill (CY)		$ 3.74	222.22	$ 829.97
Trench Compaction (CY)		$ 7.95	177.77	$ 1,413.29
Drainage Total				$ 67,662.28

Signing and Marking	Installation Unit Cost	Amount	Total Cost
Permanent Striping (LF)	$ 1.56		$ -
Signing and Marking Total			$ -

Staging	Installation Unit Cost	Amount	Total Cost
Clearing and Grubbing (Acre)	$ 26,500.00	0.20	$ 5,300.00
Temporary Pavement			$ -
Temporary Drainage (Stream Diversion)	$ 5,064.24	1.00	$ 5,064.24
Staging Total			$ 10,364.24

Erosion Control	Installation Unit Cost	Amount	Total Cost
Fine Grading and Seeding (SY)	$ 5.49	27.22	$ 149.45
Temporary Grassing (AC)	$ 1,061.28	0.00	$ -
Type C Silt Fence (LF)	$ 5.50	456.00	$ 2,508.00
Check Dam Type C Silt Fence (LF)	$ 15.14	456.00	$ 6,903.84
Erosion Control Mats (SY)	$ 1.97	50.67	$ 99.81
Landscape Mulch (SY)	$ 12.22	50.67	$ 619.15
Perm Grassing (AC)	$ 2,935.65	0.00	$ -
Rip Rap Type 3 12" (SY)	$ 129.93	23.33	$ 3,031.70
Plastic Filter Fabric (SY)	$ 7.50	23.33	$ 175.00
4" Ditch Paving (SY)	$ 74.85	0.00	$ -
Erosion Control Total			$ 13,486.95
Construction Cost Total			$ 96,707.62
Traffic Control (8% of Construction Total $)			$ 7,736.61
Construction Cost Grand Total			$ 104,444.23

Utility Relocation	Removal Unit Cost	Installation Unit Cost	Amount	Total Cost
Electric				
Aerial	$ 13.75	$ 68.75	75.00	$ 6,187.50
Buried	$ 20.63	$ 103.13	0.00	$ -
Wooden Pole	$ 103.13	$ 756.25	1.00	$ 859.38
Phone				
Aerial	$ 13.75	$ 68.75	75.00	$ 6,187.50
Buried	$ 20.63	$ 103.13	0.00	$ -
Wooden Pole	$ 103.13	$ 756.25	0.00	$ -
Cable				
Aerial	$ 13.75	$ 68.75	0.00	$ -
Buried	$ 20.63	$ 103.13	50.00	$ 6,187.50
Wooden Pole	$ 103.13	$ 756.25	0.00	$ -
Gas				
4" main	$ 20.63	$ 82.50	0.00	$ -
Water				
8" main	$ 20.63	$ 194.41	0.00	$ -
Sewer				
12" main	$ 61.65	$ 103.28	0.00	$ -
Utility Relocation Total				$ 19,421.88

Right of Way (Sq Ft)	Cost/ Sq Ft	Sq Ft	Total Cost
Permanent Easement	$ 5.00	0.00	$ -
ROW Total			$ -

2023 STORMWATER SPLOST

200 Kingswood Drive

Category II, Tier II

Existing Conditions

Diameter: 48”

Length: 142’

Material: Corrugated Metal Pipe (CMP)

Project Cost Estimate:

$168,678

Project Cost Estimate		
Design / Engineering	$	14,936
Right of Way Acquisition	$	21,780
Environmental	$	10,000
Utility Relocation	$	22,605
Construction	$	99,357
Total Cost Estimate	**$**	**168,678**

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Roadway Construction, Utility Relocation and ROW Quantity Calculations 200 Kingswood Drive

Roadway Construction	Removal Unit Cost	Installation Unit Cost	Amount	Total Cost
Pavement (SF)	$ 1.46	$ 9.74	144.00	$ 1,612.80
Curb and Gutter (LF)			0.00	$ -
Drain Inlet (EA)			0.00	$ -
4" Sidewalk (SY)			0.00	$ -
Guardrail (LF)			0.00	$ -
End Anchorage (EA)			0.00	$ -
Subtotal				$ 1,612.80
Grading Complete (5% of Rwy Items & Drng Total $)				$ 3,212.93
Roadway Total				$ 4,825.73

Drainage	Removal Unit Cost	Installation Unit Cost	Amount	Total Cost
Trench Excavation (CY)		$ 12.98	194.22	$ 2,521.00
48" CMP (LF)	$ 30.75		368.00	$ 11,316.00
48" RCP (LF)		$ 223.47	92.00	$ 20,559.24
Class A Conc (CY)		$ 1,850.86	13.70	$ 25,356.78
Steel (lb)		$ 2.45	0.00	$ -
Pipe Bedding (CY)		$ 60.75	20.44	$ 1,242.00
Trench Backfill (CY)		$ 3.74	163.51	$ 610.73
Trench Compaction (CY)		$ 7.95	130.81	$ 1,039.95
Drainage Total				$ 62,645.71

Signing and Marking	Installation Unit Cost	Amount	Total Cost
Permanent Striping (LF)	$ 1.56		$ -
Signing and Marking Total			$ -

Staging	Installation Unit Cost	Amount	Total Cost
Clearing and Grubbing (Acre)	$ 26,500.00	0.20	$ 5,300.00
Temporary Pavement			$ -
Temporary Drainage (Stream Diversion)	$ 5,064.24	1.00	$ 5,064.24
Staging Total			$ 10,364.24

Erosion Control	Installation Unit Cost	Amount	Total Cost
Fine Grading and Seeding (SY)	$ 5.49	45.33	$ 248.88
Temporary Grassing (AC)	$ 1,061.28	0.00	$ -
Type C Silt Fence (LF)	$ 5.50	552.00	$ 3,036.00
Check Dam Type C Silt Fence (LF)	$ 15.14	552.00	$ 8,357.28
Erosion Control Mats (SY)	$ 1.97	61.33	$ 120.83
Landscape Mulch (SY)	$ 12.22	61.33	$ 749.49
Perm Grassing (AC)	$ 2,935.65	0.00	$ -
Rip Rap Type 3 12" (SY)	$ 129.93	12.00	$ 1,559.16
Plastic Filter Fabric (SY)	$ 7.50	12.00	$ 90.00
4" Ditch Paving (SY)	$ 74.85	0.00	$ -
Erosion Control Total			$ 14,161.64
Construction Cost Total			$ 91,997.31
Traffic Control (8% of Construction Total $)			$ 7,359.78
Construction Cost Grand Total			$ 99,357.10

Utility Relocation	Removal Unit Cost	Installation Unit Cost	Amount	Total Cost
Electric				
Aerial	$ 13.75	$ 68.75	0.00	$ -
Buried	$ 20.63	$ 103.13	0.00	$ -
Wooden Pole	$ 103.13	$ 756.25	0.00	$ -
Phone				
Aerial	$ 13.75	$ 68.75	0.00	$ -
Buried	$ 20.63	$ 103.13	0.00	$ -
Wooden Pole	$ 103.13	$ 756.25	0.00	$ -
Cable				
Aerial	$ 13.75	$ 68.75	0.00	$ -
Buried	$ 20.63	$ 103.13	50.00	$ 6,187.50
Wooden Pole	$ 103.13	$ 756.25	0.00	$ -
Gas				
4" main	$ 20.63	$ 82.50	0.00	$ -
Water				
8" main	$ 20.63	$ 194.41	50.00	$ 10,751.75
Relocate Fire Hydrant (EA)		$ 5,665.63	1.00	$ 5,665.63
Sewer				
12" main	$ 61.65	$ 103.28	0.00	$ -
Utility Relocation Total				$ 22,604.88

Right of Way (Sq Ft)	Cost/ Sq Ft	Sq Ft	Total Cost
Permanent Easement	$ 5.00	4356.00	$ 21,780.00
ROW Total			$ 21,780.00

2023 STORMWATER SPLOST

175 and 185 Marron Road

Category II, Tier II

<u>Existing Conditions</u>

Diameter: 36”

Length: 100’

Material: Corrugated Metal Pipe (CMP)

Project Cost Estimate:

$89,616

Project Cost Estimate		
Design / Engineering	$	-
Right of Way Acquisition	$	-
Environmental	$	-
Utility Relocation	$	14,936
Construction	$	74,680
Total Cost Estimate	**$**	**89,616**

For more information visit https://fayettecountyga.gov/splost-2023/

175 Marron Rd

Replace deep 36" CMP with RCP (trench box operation)

ITEM DESCRIPTION	UNIT	QUANTITY	COST ESTIMATE UNIT PRICE	 TOTAL COST
36" RCP (trench box operation)	LS	1.00	$28,000.00	$28,000.00
Headwall	EA	2.00	$ 1,200.00	$ 2,400.00
Traffic Control	LS	1.00	$ 1,750.00	$ 1,750.00
Pipe Delivery	LS	1.00	$ 500.00	$ 500.00
Graded Aggregate Base	TN	15.00	$ 33.00	$ 495.00
#57 Stone	TN	12.00	$ 62.00	$ 744.00
19 mm Superpave, GP 1 or 2, Incl Bitum Matl & H Lime	TN	7.00	$ 123.94	$ 867.58
9.5 mm Superpave, GP 2 Only, Incl Bitum Matl & H Lime	TN	5.00	$ 106.81	$ 534.05
Tack	GAL	3.00	$ 3.00	$ 9.00
Rip Rap, Type 3	SY	24.00	$ 66.00	$ 1,584.00
Utility Relocation	LS	1.00	$ 7,468.00	$ 7,468.00
Permanent Grassing	AC	0.15	$ 1,533.00	$ 229.95
Mulch	TN	1.00	$ 226.12	$ 226.12
		TOTAL COST ESTIMATE		**$ 44,808**

185 Marron Rd

Replace deep 36" CMP with RCP (trench box operation)

ITEM DESCRIPTION	UNIT	QUANTITY	COST ESTIMATE UNIT PRICE	 TOTAL COST
36" RCP (trench box operation)	LS	1.00	$28,000.00	$28,000.00
Headwall	EA	2.00	$ 1,200.00	$ 2,400.00
Traffic Control	LS	1.00	$ 1,750.00	$ 1,750.00
Pipe Delivery	LS	1.00	$ 500.00	$ 500.00
Graded Aggregate Base	TN	15.00	$ 33.00	$ 495.00
#57 Stone	TN	12.00	$ 62.00	$ 744.00
19 mm Superpave, GP 1 or 2, Incl Bitum Matl & H Lime	TN	7.00	$ 123.94	$ 867.58
9.5 mm Superpave, GP 2 Only, Incl Bitum Matl & H Lime	TN	5.00	$ 106.81	$ 534.05
Tack	GAL	3.00	$ 3.00	$ 9.00
Rip Rap, Type 3	SY	24.00	$ 66.00	$ 1,584.00
Utility Relocation	LS	1.00	$ 7,468.00	$ 7,468.00
Permanent Grassing	AC	0.15	$ 1,533.00	$ 229.95
Mulch	TN	1.00	$ 226.12	$ 226.12
		TOTAL COST ESTIMATE		**$ 44,808**

TOTAL COMBINED COST ESTIMATE $ 89,616

2023 STORMWATER SPLOST

330 Merrydale Drive

Category II, Tier II

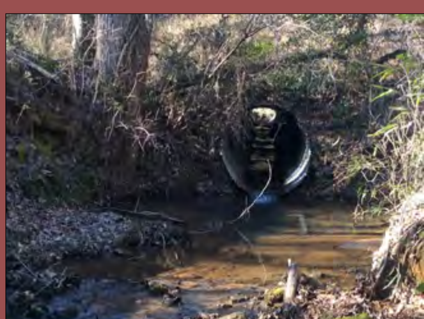
Existing Conditions

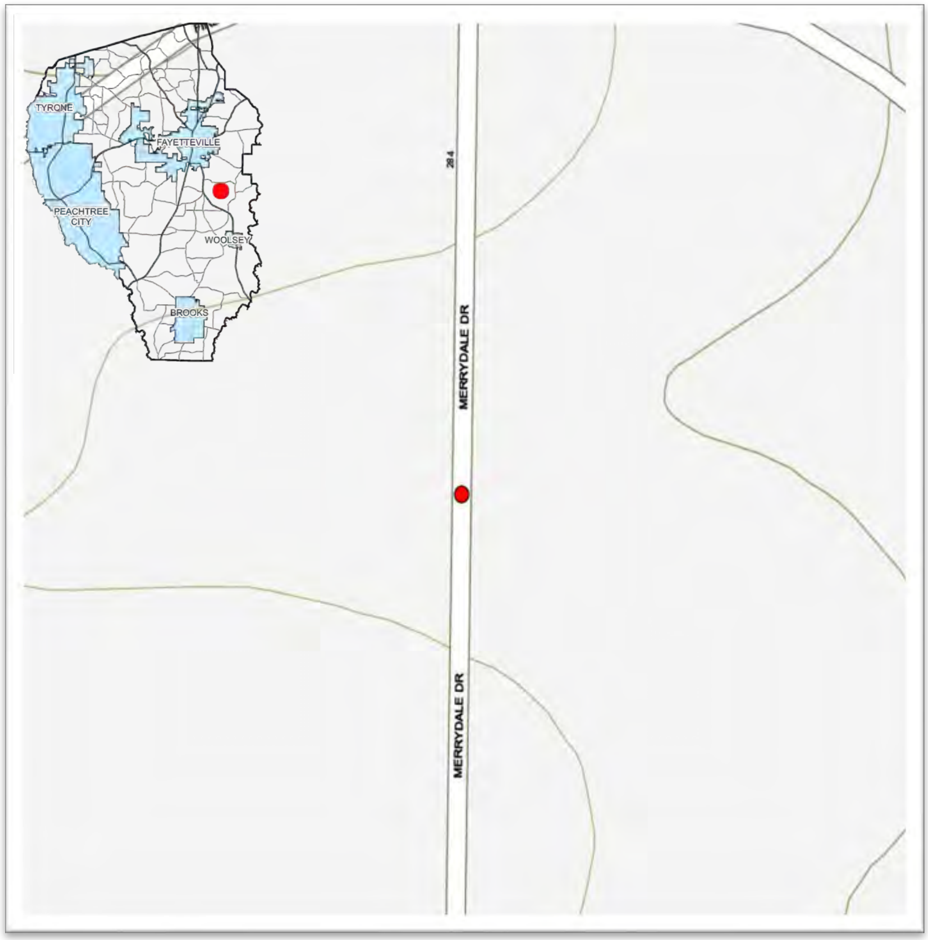
Diameter: 60”

Length: 88’

Material: Corrugated Metal Pipe (CMP)

Project Cost Estimate: $164,606





Project Cost Estimate		
Design / Engineering	$	16,460
Right of Way Acquisition	$	0
Environmental	$	10,000
Utility Relocation	$	23,547
Construction	$	114,600
Total Cost Estimate	**$**	**164,606**

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Roadway Construction, Utility Relocation and ROW Quantity Calculations 330 Merrydale Drive

Roadway Construction	Removal Unit Cost	Installation Unit Cost	Amount	Total Cost
Pavement (SF)	$ 1.46	$ 9.74	161.00	$ 1,803.20
Curb and Gutter (LF)			0.00	$ -
Drain Inlet (EA)			0.00	$ -
4" Sidewalk (SY)			0.00	$ -
Guardrail (LF)			0.00	$ -
End Anchorage (EA)			0.00	$ -
Subtotal				$ 1,803.20
Grading Complete (5% of Rwy Items & Drng Total $)				$ 4,202.19
Roadway Total				$ 6,005.39

Drainage	Removal Unit Cost	Installation Unit Cost	Amount	Total Cost
Trench Excavation (CY)		$ 12.98	342.22	$ 4,442.04
60" CMP (LF)	$ 30.75		88.00	$ 2,706.00
60" RCP (LF)		$ 346.63	88.00	$ 30,503.44
Class A Conc (CY)		$ 1,850.86	21.58	$ 39,941.56
Steel (lb)		$ 2.45	0.00	$ -
Pipe Bedding (CY)		$ 60.75	22.81	$ 1,386.00
Trench Backfill (CY)		$ 3.74	323.08	$ 1,206.70
Trench Compaction (CY)		$ 7.95	258.46	$ 2,054.78
Drainage Total				$ 82,240.52

Signing and Marking	Installation Unit Cost	Amount	Total Cost
Permanent Striping (LF)	$ 1.56		$ -
Signing and Marking Total			$ -

Staging	Installation Unit Cost	Amount	Total Cost
Clearing and Grubbing (Acre)	$ 26,500.00	0.15	$ 3,975.00
Temporary Pavement			$ -
Temporary Drainage (Stream Diversion)	$ 5,064.24	1.00	$ 5,064.24
Staging Total			$ 9,039.24

Erosion Control	Installation Unit Cost	Amount	Total Cost
Fine Grading and Seeding (SY)	$ 5.49	50.56	$ 277.55
Temporary Grassing (AC)	$ 1,061.28	0.00	$ -
Type C Silt Fence (LF)	$ 5.50	352.00	$ 1,936.00
Check Dam Type C Silt Fence (LF)	$ 15.14	352.00	$ 5,329.28
Erosion Control Mats (SY)	$ 1.97	0.00	$ -
Landscape Mulch (SY)	$ 12.22	0.00	$ -
Perm Grassing (AC)	$ 2,935.65	0.00	$ -
Rip Rap Type 3 12" (SY)	$ 129.93	9.33	$ 1,212.68
Plastic Filter Fabric (SY)	$ 7.50	9.33	$ 70.00
4" Ditch Paving (SY)	$ 74.85	0.00	$ -
Erosion Control Total			$ 8,825.51
Construction Cost Total			$ 106,110.66
Traffic Control (8% of Construction Total $)			$ 8,488.85
Construction Cost Grand Total			$ 114,599.51

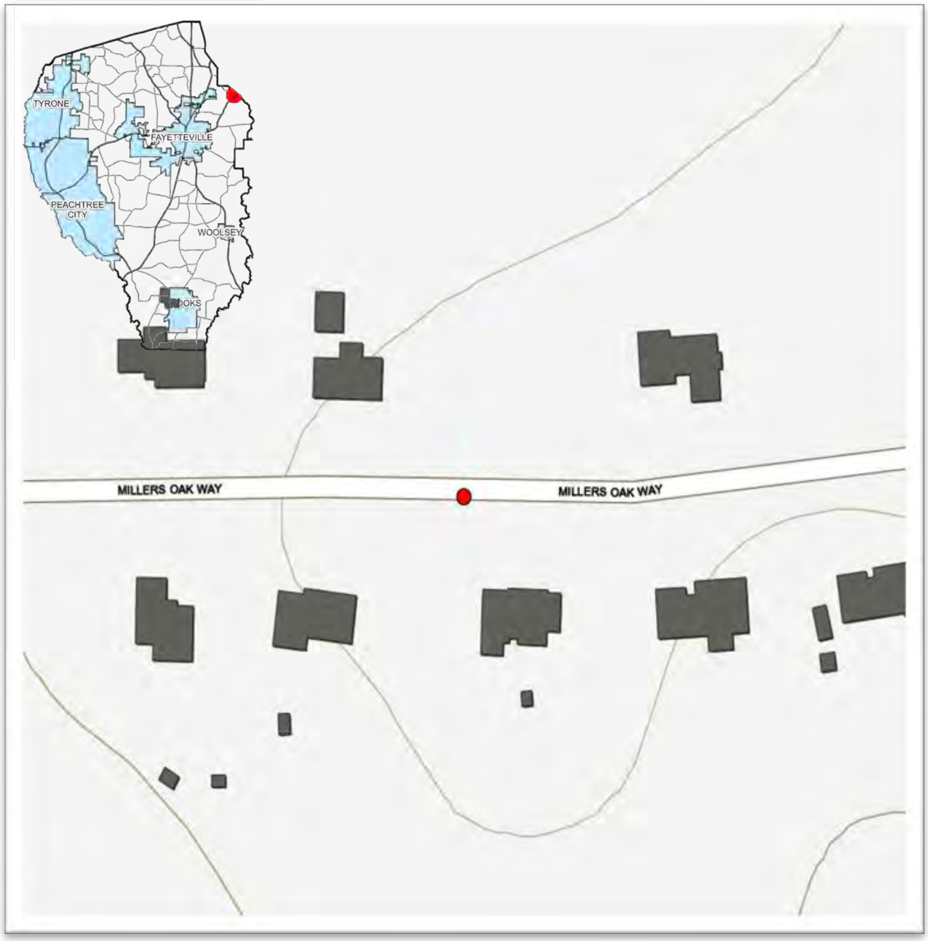
Utility Relocation	Removal Unit Cost	Installation Unit Cost	Amount	Total Cost
Electric				
Aerial	$ 13.75	$ 68.75	100.00	$ 8,250.00
Buried	$ 20.63	$ 103.13	0.00	$ -
Wooden Pole	$ 103.13	$ 756.25	1.00	$ 859.38
Phone				
Aerial	$ 13.75	$ 68.75	100.00	$ 8,250.00
Buried	$ 20.63	$ 103.13	0.00	$ -
Wooden Pole	$ 103.13	$ 756.25	0.00	$ -
Cable				
Aerial	$ 13.75	$ 68.75	0.00	$ -
Buried	$ 20.63	$ 103.13	50.00	$ 6,187.50
Wooden Pole	$ 103.13	$ 756.25	0.00	$ -
Gas				
4" main	$ 20.63	$ 82.50	0.00	$ -
Water				
8" main	$ 20.63	$ 194.41	0.00	$ -
Sewer				
12" main	$ 61.65	$ 103.28	0.00	$ -
Utility Relocation Total				$ 23,546.88

Right of Way (Sq Ft)	Cost/ Sq Ft	Sq Ft	Total Cost
Permanent Easement	$ 5.00	0.00	$ -
ROW Total			$ -

2023 STORMWATER SPLOST

145 Millers Oak Way

Category II, Tier II



__Existing Conditions__

Diameter: 24”

Length: 342’

Material: Corrugated Metal Pipe (CMP)

Project Cost Estimate:
$265,568

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Project Cost Estimate		
Design / Engineering	$	20,423
Right of Way Acquisition	$	54,450
Environmental	$	10,000
Utility Relocation	$	26,469
Construction	$	154,227
Total Cost Estimate	**$**	**265,568**

For more information visit https://fayettecountyga.gov/splost-2023/

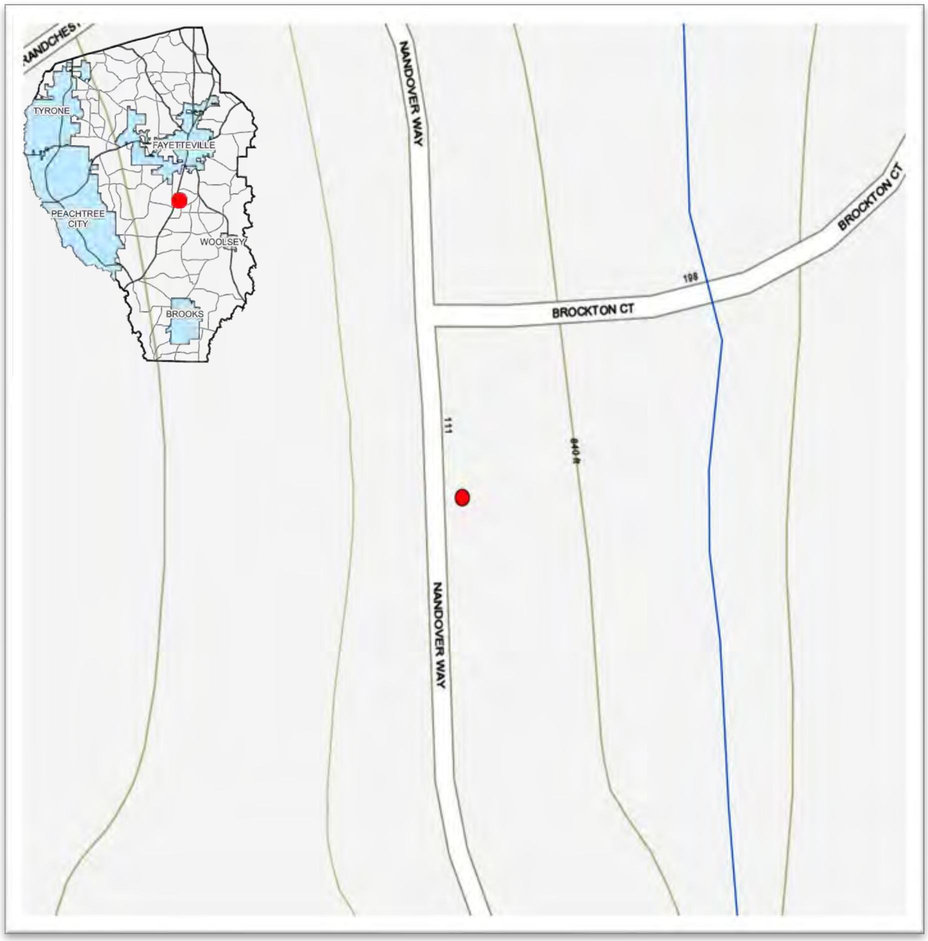
Roadway Construction, Utility Relocation and ROW Quantity Calculations 145 Millers Oak Way

Roadway Construction	Removal Unit Cost	Installation Unit Cost	Amount	Total Cost
Pavement (SF)	$ 1.46	$ 9.74	115.00	$ 1,288.00
Curb and Gutter (LF)	$ 11.25	$ 50.00	40.00	$ 2,450.00
Drain Inlet (EA)		$ 3,625.00	2.00	$ 7,250.00
4" Sidewalk (SY)	$ 43.75	$ 82.03	22.22	$ 2,795.11
Guardrail (LF)			0.00	$ -
End Anchorage (EA)			0.00	$ -
Subtotal				$ 13,783.11
Grading Complete (5% of Rwy Items & Drng Total $)				$ 5,903.04
Roadway Total				$ 19,686.15
Drainage	Removal Unit Cost	Installation Unit Cost	Amount	Total Cost
Trench Excavation (CY)		$ 12.98	566.48	$ 7,352.93
24" CMP (LF)	$ 20.48		342.00	$ 21,012.48
36" RCP (LF)		$ 165.83	322.00	$ 53,397.26
Class A Conc (CY)		$ 1,850.86	7.20	$ 13,326.19
Steel (lb)		$ 2.45	0.00	$ -
Pipe Bedding (CY)		$ 60.75	59.63	$ 3,622.50
Trench Backfill (CY)		$ 3.74	551.40	$ 2,059.46
Trench Compaction (CY)		$ 7.95	441.12	$ 3,506.87
Drainage Total				$ 104,277.69
Signing and Marking		Installation Unit Cost	Amount	Total Cost
Permanent Striping (LF)		$ 1.56	0.00	$ -
Signing and Marking Total				$ -
Staging		Installation Unit Cost	Amount	Total Cost
Clearing and Grubbing (Acre)		$ 26,500.00	0.20	$ 5,300.00
Temporary Pavement				$ -
Temporary Drainage (Stream Diversion)		$ 5,064.24	1.00	$ 5,064.24
Staging Total				$ 10,364.24
Erosion Control		Installation Unit Cost	Amount	Total Cost
Fine Grading and Seeding (SY)		$ 5.49	166.11	$ 911.95
Temporary Grassing (AC)		$ 1,061.28	0.00	$ -
Type C Silt Fence (LF)		$ 5.50	322.00	$ 1,771.00
Check Dam Type C Silt Fence (LF)		$ 15.14	322.00	$ 4,875.08
Erosion Control Mats (SY)		$ 1.97	0.00	$ -
Landscape Mulch (SY)		$ 12.22	0.00	$ -
Perm Grassing (AC)		$ 2,935.65	0.00	$ -
Rip Rap Type 3 12" (SY)		$ 129.93	6.67	$ 866.20
Plastic Filter Fabric (SY)		$ 7.50	6.67	$ 50.00
4" Ditch Paving (SY)		$ 74.85	0.00	$ -
Erosion Control Total				$ 8,474.23
Construction Cost Total				$ 142,802.32
Traffic Control (8% of Construction Total $)				$ 11,424.19
Construction Cost Grand Total				$ 154,226.50
Utility Relocation	Removal Unit Cost	Installation Unit Cost	Amount	Total Cost
Electric				
Aerial	$ 13.75	$ 68.75	0.00	$ -
Buried	$ 20.63	$ 103.13	100.00	$ 12,375.00
Wooden Pole	$ 103.13	$ 756.25	2.00	$ 1,718.75
Phone				
Aerial	$ 13.75	$ 68.75	0.00	$ -
Buried	$ 20.63	$ 103.13	0.00	$ -
Wooden Pole	$ 103.13	$ 756.25	0.00	$ -
Cable				
Aerial	$ 13.75	$ 68.75	0.00	$ -
Buried	$ 20.63	$ 103.13	100.00	$ 12,375.00
Wooden Pole	$ 103.13	$ 756.25	0.00	$ -
Gas				
4" main	$ 20.63	$ 82.50	0.00	$ -
Water				
8" main	$ 20.63	$ 194.41	0.00	$ -
Relocate Fire Hydrant (EA)		$ 5,665.63	0.00	$ -
Sewer				
12" main	$ 61.65	$ 103.28	0.00	$ -
Utility Relocation Total				$ 26,468.75
Right of Way (Sq Ft)		Cost/ Sq Ft	Sq Ft	Total Cost
Permanent Easement		$ 5.00	10890.00	$ 54,450.00
ROW Total				$ 54,450.00

2023 STORMWATER SPLOST

120 Nandover Way

Category II, Tier II



<u>Existing Conditions</u>

Diameter: 30”

Length: 120’

Material: Corrugated Metal Pipe (CMP)

Project Cost Estimate:

$47,204

Project Cost Estimate		
Design / Engineering	$	4,056
Right of Way Acquisition	$	5,308
Environmental	$	5,000
Utility Relocation	$	4,311
Construction	$	28,529
Total Cost Estimate	**$**	**47,204**

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120 Nanadover Way

CAT III

Replace 120' of 30" CMP with 30" RCP

ITEM DESCRIPTION	UNIT	QUAN	ESTIMATED COST UNIT PRICE	TOTAL COST
30" RCP	LF	120.00	$ 160.38	$ 19,245.60
Pipe Delivery	LS	1.00	$ 500.00	$ 500.00
Graded Aggregate Base	TN	40.00	$ 33.42	$ 1,336.80
#57 Stone	TN	30.00	$ 42.90	$ 1,287.00
19 mm Superpave, GP 1 or 2, Incl Bitum Matl & H Li	TN	10.00	$ 123.94	$ 1,239.40
9.5 mm Superpave, GP 2 Only, Incl Bitum Matl & H l	TN	5.00	$ 106.81	$ 534.05
Tack	GAL	6.00	$ 6.00	$ 36.00
Traffic Control	LS	1.00	$ 2,000.00	$ 2,000.00
Grassing	AC	0.50	$ 1,533.00	$ 766.50
Rip Rap, Type 3	SY	24.00	$ 66.00	$ 1,584.00
Utility Relocation	LS	1.00	$ 4,311.00	$ 4,311.00
Design/Engineering	LS	1.00	$ 4,055.65	$ 4,055.65
Environmental Permits	LS	1.00	$ 5,000.00	$ 5,000.00
Right of Way	LS	1.00	$ 5,308.00	$ 5,308.00
			ESTIMATED COST	$47,204.00

<u>Existing Conditions</u>

Diameter: 60”

Length: 80’

Material: Corrugated Metal Pipe (CMP)

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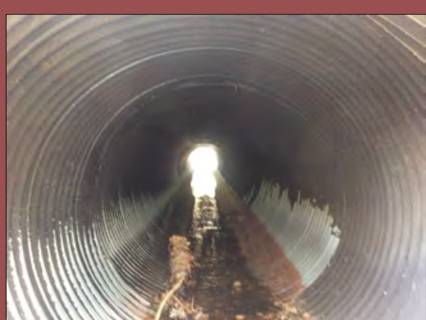
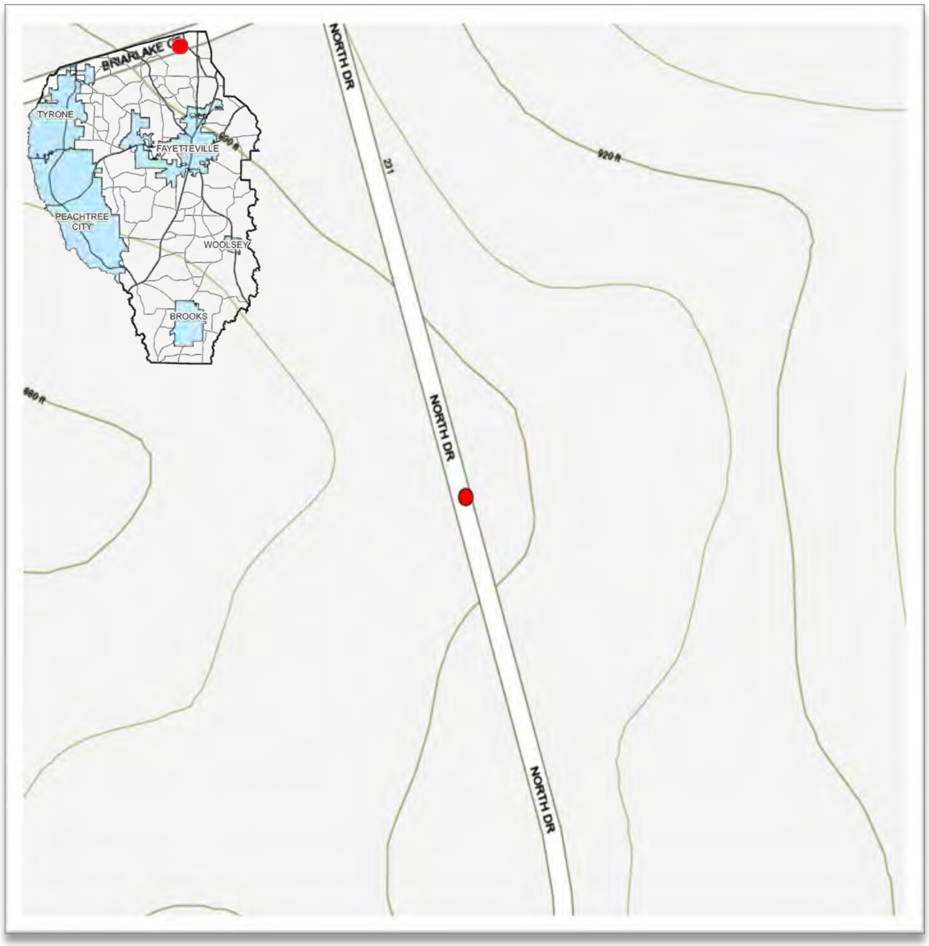
Project Cost Estimate:
$230,908



2023 STORMWATER SPLOST

420 North Drive

Category II, Tier II



Project Cost Estimate		
Design / Engineering	$	22,338
Right of Way Acquisition	$	15,000
Environmental	$	10,000
Utility Relocation	$	10,183
Construction	$	173,387
Total Cost Estimate	**$**	**230,908**

For more information visit https://fayettecountyga.gov/splost-2023/

Roadway Construction, Utility Relocation and ROW Quantity Calculations 420 North Drive

Roadway Construction	Removal Unit Cost	Installation Unit Cost	Amount	Total Cost
Pavement (SF)	$ 1.46	$ 9.74	154.00	$ 1,724.80
Curb and Gutter (LF)	$ 11.25	$ 50.00	20.00	$ 1,225.00
Drain Inlet (EA)		$ 3,625.00	2.00	$ 7,250.00
4" Sidewalk (SY)			0.00	$ -
Guardrail (LF)			0.00	$ -
End Anchorage (EA)			0.00	$ -
Subtotal				$ 10,199.80
Grading Complete (5% of Rwy Items & Drng Total $)				$ 6,757.03
Roadway Total				$ 16,956.83

Drainage	Removal Unit Cost	Installation Unit Cost	Amount	Total Cost
Trench Excavation (CY)		$ 12.98	228.15	$ 2,961.36
60" CMP (LF)	$ 30.75		80.00	$ 7,380.00
60" RCP		$ 346.63	0.00	$ -
Class A Conc (CY)		$ 1,850.86	53.51	$ 99,039.52
Steel (lb)		$ 2.45	4,806.00	$ 11,774.70
Pipe Bedding (CY)		$ 60.75	21.30	$ 1,293.98
Trench Backfill (CY)		$ 3.74	246.77	$ 921.70
Trench Compaction (CY)		$ 7.95	197.42	$ 1,569.48
Drainage Total				$ 124,940.74

Signing and Marking	Installation Unit Cost	Amount	Total Cost
Permanent Striping (LF)	$ 1.56	0.00	$ -
Signing and Marking Total			$ -

Staging	Installation Unit Cost	Amount	Total Cost
Clearing and Grubbing (Acre)	$ 26,500.00	0.10	$ 2,650.00
Temporary Pavement			$ -
Temporary Drainage (Stream Diversion)	$ 5,064.24	1.00	$ 5,064.24
Staging Total			$ 7,714.24

Erosion Control	Installation Unit Cost	Amount	Total Cost
Fine Grading and Seeding (SY)	$ 5.49	45.11	$ 247.66
Temporary Grassing (AC)	$ 1,061.28	0.00	$ -
Type C Silt Fence (LF)	$ 5.50	320.00	$ 1,760.00
Check Dam Type C Silt Fence (LF)	$ 15.14	320.00	$ 4,844.80
Erosion Control Mats (SY)	$ 1.97	106.67	$ 210.13
Landscape Mulch (SY)	$ 12.22	106.67	$ 1,303.47
Perm Grassing (AC)	$ 2,935.65	0.00	$ -
Rip Rap Type 3 12" (SY)	$ 129.93	18.67	$ 2,425.36
Plastic Filter Fabric (SY)	$ 7.50	18.67	$ 140.00
4" Ditch Paving (SY)	$ 74.85	0.00	$ -
Erosion Control Total			$ 10,931.42
Construction Cost Total			$ 160,543.23
Traffic Control (8% of Construction Total $)			$ 12,843.46
Construction Cost Grand Total			$ 173,386.69

Utility Relocation	Removal Unit Cost	Installation Unit Cost	Amount	Total Cost
Electric				
Aerial	$ 13.75	$ 68.75		$ -
Buried	$ 20.63	$ 103.13		$ -
Wooden Pole	$ 103.13	$ 756.25		$ -
Phone				
Aerial	$ 13.75	$ 68.75		$ -
Buried	$ 20.63	$ 103.13		$ -
Wooden Pole	$ 103.13	$ 756.25		$ -
Cable				
Aerial	$ 13.75	$ 68.75		$ -
Buried	$ 20.63	$ 103.13		$ -
Wooden Pole	$ 103.13	$ 756.25		$ -
Gas				
4" main	$ 20.63	$ 82.50		$ -
Water				
8" main	$ 20.63	$ 194.41	40.00	$ 10,183.40
Relocate Fire Hydrant (EA)		$ 5,665.63		$ -
Sewer			0.00	
12" main	$ 61.65	$ 103.28	0.00	$ -
Utility Relocation Total				$ 10,183.40

Right of Way (Sq Ft)	Cost/ Sq Ft	Sq Ft	Total Cost
Permanent Easement	$ 5.00	3,000.00	$ 15,000.00
ROW Total			$ 15,000.00

2023 STORMWATER SPLOST

290 Oak Street

Category II, Tier II

Existing Conditions

Diameter: 30”

Length: 64’

Material: Corrugated Metal Pipe (CMP)

Project Cost Estimate: $100,384

Project Cost Estimate		
Design / Engineering	$	11,934
Right of Way Acquisition	$	0
Environmental	$	10,000
Utility Relocation	$	9,109
Construction	$	69,340
Total Cost Estimate	**$**	**100,384**

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For more information visit https://fayettecountyga.gov/splost-2023/

Roadway Construction, Utility Relocation and ROW Quantity Calculations 290 Oak Street

Roadway Construction	Removal Unit Cost	Installation Unit Cost	Amount	Total Cost
Pavement (SF)	$ 1.46	$ 9.74	121.00	$ 1,355.20
Curb and Gutter (LF)			0.00	$ -
Drain Inlet (EA)			0.00	$ -
4" Sidewalk (SY)			0.00	$ -
Guardrail (LF)			0.00	$ -
End Anchorage (EA)			0.00	$ -
Subtotal				$ 1,355.20
Grading Complete (5% of Rwy Items & Drng Total $)				$ 1,844.35
Roadway Total				$ 3,199.55

Drainage	Removal Unit Cost	Installation Unit Cost	Amount	Total Cost
Trench Excavation (CY)		$ 12.98	123.85	$ 1,607.60
30" CMP (LF)	$ 24.53		64.00	$ 1,569.92
42" RCP (LF)		$ 175.75	64.00	$ 11,248.00
Class A Conc (CY)		$ 1,850.86	10.40	$ 19,248.94
Steel (lb)		$ 2.45	0.00	$ -
Pipe Bedding (CY)		$ 60.75	13.04	$ 792.00
Trench Backfill (CY)		$ 3.74	105.53	$ 394.15
Trench Compaction (CY)		$ 7.95	84.42	$ 671.16
Drainage Total				$ 35,531.76

Signing and Marking	Installation Unit Cost	Amount	Total Cost
Permanent Striping (LF)	$ 1.56		$ -
Signing and Marking Total			$ -

Staging	Installation Unit Cost	Amount	Total Cost
Clearing and Grubbing (Acre)	$ 26,500.00	0.25	$ 6,625.00
Temporary Pavement			$ -
Temporary Drainage (Stream Diversion)	$ 5,064.24	1.00	$ 5,064.24
Staging Total			$ 11,689.24

Erosion Control	Installation Unit Cost	Amount	Total Cost
Fine Grading and Seeding (SY)	$ 5.49	25.67	$ 140.91
Temporary Grassing (AC)	$ 1,061.28	0.00	$ -
Type C Silt Fence (LF)	$ 5.50	512.00	$ 2,816.00
Check Dam Type C Silt Fence (LF)	$ 15.14	512.00	$ 7,751.68
Erosion Control Mats (SY)	$ 1.97	56.89	$ 112.07
Landscape Mulch (SY)	$ 12.22	56.89	$ 695.18
Perm Grassing (AC)	$ 2,935.65	0.00	$ -
Rip Rap Type 3 12" (SY)	$ 129.93	16.50	$ 2,143.85
Plastic Filter Fabric (SY)	$ 7.50	16.50	$ 123.75
4" Ditch Paving (SY)	$ 74.85	0.00	$ -
Erosion Control Total			$ 13,783.44
Construction Cost Total			$ 64,203.99
Traffic Control (8% of Construction Total $)			$ 5,136.32
Construction Cost Grand Total			$ 69,340.31

Utility Relocation	Removal Unit Cost	Installation Unit Cost	Amount	Total Cost
Electric				
Aerial	$ 13.75	$ 68.75	50.00	$ 4,125.00
Buried	$ 20.63	$ 103.13	0.00	$ -
Wooden Pole	$ 103.13	$ 756.25	1.00	$ 859.38
Phone				
Aerial	$ 13.75	$ 68.75	50.00	$ 4,125.00
Buried	$ 20.63	$ 103.13	0.00	$ -
Wooden Pole	$ 103.13	$ 756.25	0.00	$ -
Cable				
Aerial	$ 13.75	$ 68.75	0.00	$ -
Buried	$ 20.63	$ 103.13	0.00	$ -
Wooden Pole	$ 103.13	$ 756.25	0.00	$ -
Gas				
4" main	$ 20.63	$ 82.50	0.00	$ -
Water				
8" main	$ 20.63	$ 194.41	0.00	$ -
Sewer				
12" main	$ 61.65	$ 103.28	0.00	$ -
Utility Relocation Total				$ 9,109.38

Right of Way (Sq Ft)	Cost/ Sq Ft	Sq Ft	Total Cost
Permanent Easement	$ 5.00	0.00	$ -
ROW Total			$ -

2023 STORMWATER SPLOST

190 Ponderosa Drive

Category II, Tier II

Existing Conditions

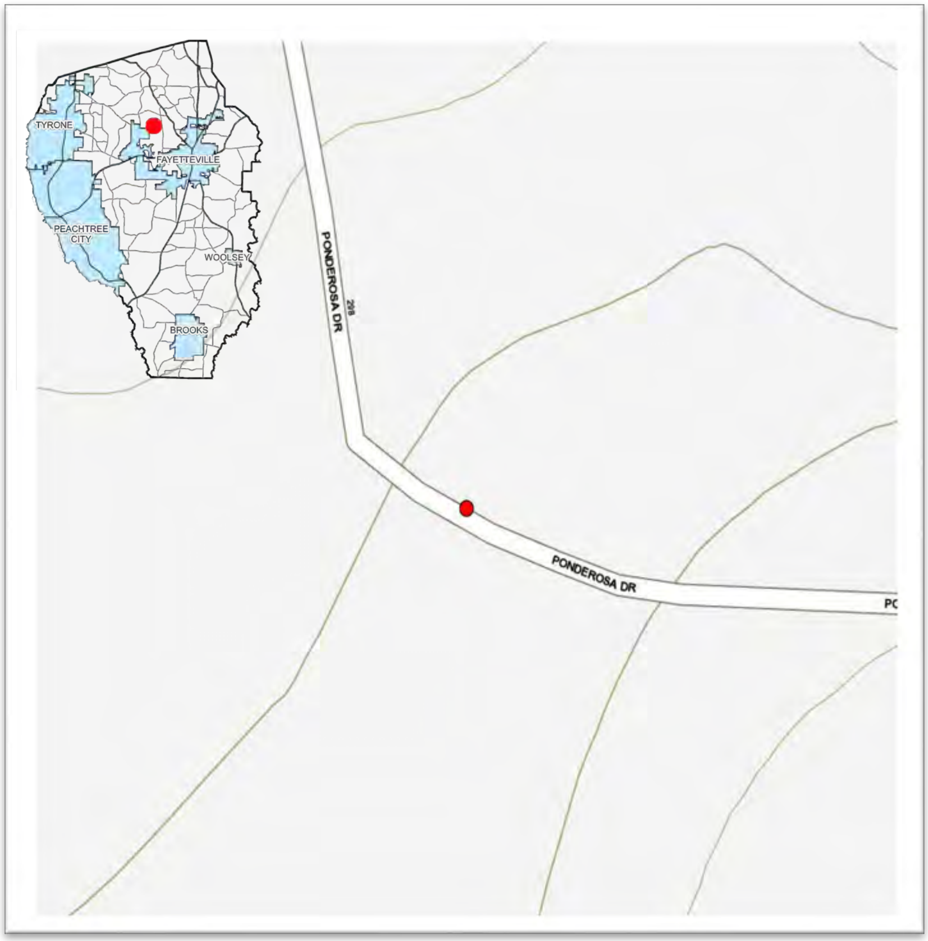
Diameter: 36”

Length: 120’

Material: Corrugated Metal Pipe (CMP)

Project Cost Estimate:

$148,710



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Project Cost Estimate		
Design / Engineering	$	12,218
Right of Way Acquisition	$	25,000
Environmental	$	10,000
Utility Relocation	$	29,314
Construction	$	72,178
Total Cost Estimate	**$**	**148,710**

For more information visit https://fayettecountyga.gov/splost-2023/

Roadway Construction, Utility Relocation and ROW Quantity Calculations 190 Ponderosa Drive

Roadway Construction	Removal Unit Cost	Installation Unit Cost	Amount	Total Cost
Pavement (SF)	$ 1.46	$ 9.74	156.00	$ 1,747.20
Curb and Gutter (LF)	$ 11.25	$ 50.00	40.00	$ 2,450.00
Drain Inlet (EA)		$ 3,625.00	2.00	$ 7,250.00
4" Sidewalk (SY)			0.00	$ -
Guardrail (LF)				$ -
End Anchorage (EA)				$ -
Subtotal				$ 11,447.20
Grading Complete (5% of Rwy Items & Drng Total $)				$ 2,567.02
Roadway Total				$ 14,014.22

Drainage	Removal Unit Cost	Installation Unit Cost	Amount	Total Cost
Trench Excavation (CY)		$ 12.98	71.11	$ 923.02
48" CMP (LF)	$ 30.75		120.00	$ 3,690.00
48" RCP (LF)		$ 223.47	40.00	$ 8,938.80
Class A Conc (CY)		$ 1,850.86	13.70	$ 25,356.78
Steel (lb)		$ 2.45	0.00	$ -
Pipe Bedding (CY)		$ 60.75	8.89	$ 540.00
Trench Backfill (CY)		$ 3.74	44.05	$ 164.53
Trench Compaction (CY)		$ 7.95	35.24	$ 280.16
Drainage Total				$ 39,893.29

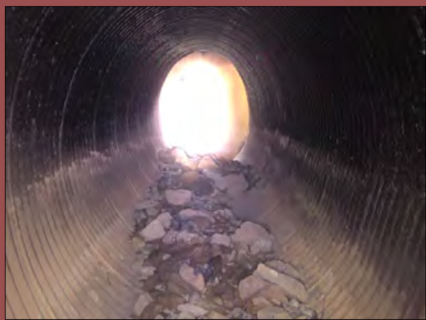
Signing and Marking	Installation Unit Cost	Amount	Total Cost
Permanent Striping (LF)	$ 1.56	0.00	$ -
Signing and Marking Total			$ -

Staging	Installation Unit Cost	Amount	Total Cost
Clearing and Grubbing (Acre)	$ 26,500.00	0.10	$ 2,650.00
Temporary Pavement			$ -
Temporary Drainage (Stream Diversion)	$ 5,064.24	1.00	$ 5,064.24
Staging Total			$ 7,714.24

Erosion Control	Installation Unit Cost	Amount	Total Cost
Fine Grading and Seeding (SY)	$ 5.49	9.33	$ 51.24
Temporary Grassing (AC)	$ 1,061.28	0.00	$ -
Type C Silt Fence (LF)	$ 5.50	160.00	$ 880.00
Check Dam Type C Silt Fence (LF)	$ 15.14	160.00	$ 2,422.40
Erosion Control Mats (SY)	$ 1.97	53.33	$ 105.07
Landscape Mulch (SY)	$ 12.22	53.33	$ 651.73
Perm Grassing (AC)	$ 2,935.65	0.00	$ -
Rip Rap Type 3 12" (SY)	$ 129.93	8.00	$ 1,039.44
Plastic Filter Fabric (SY)	$ 7.50	8.00	$ 60.00
4" Ditch Paving (SY)	$ 74.85	0.00	$ -
Erosion Control Total			$ 5,209.88
Construction Cost Total			$ 66,831.63
Traffic Control (8% of Construction Total $)			$ 5,346.53
Construction Cost Grand Total			$ 72,178.16

Utility Relocation	Removal Unit Cost	Installation Unit Cost	Amount	Total Cost
Electric				
Aerial	$ 13.75	$ 68.75		$ -
Buried	$ 20.63	$ 103.13	50.00	$ 6,187.50
Wooden Pole	$ 103.13	$ 756.25		$ -
Phone				
Aerial	$ 13.75	$ 68.75		$ -
Buried	$ 20.63	$ 103.13	50.00	$ 6,187.50
Wooden Pole	$ 103.13	$ 756.25		$ -
Cable				
Aerial	$ 13.75	$ 68.75		$ -
Buried	$ 20.63	$ 103.13	50.00	$ 6,187.50
Wooden Pole	$ 103.13	$ 756.25		$ -
Gas				
4" main	$ 20.63	$ 82.50		$ -
Water				
8" main	$ 20.63	$ 194.41	50.00	$ 10,751.75
Relocate Fire Hydrant (EA)		$ 5,665.63		$ -
Sewer			0.00	
12" main	$ 61.65	$ 103.28	0.00	$ -
Utility Relocation Total				$ 29,314.25

Right of Way (Sq Ft)	Cost/ Sq Ft	Sq Ft	Total Cost
Permanent Easement	$ 5.00	5,000.00	$ 25,000.00
ROW Total			$ 25,000.00



Existing Conditions

Diameter: 36”

Length: 290’

Material: Corrugated Metal Pipe (CMP)

Project Cost Estimate: $153,067

2023 STORMWATER SPLOST

545 Ridgemont Drive

Category II, Tier II

Project Cost Estimate		
Design / Engineering	$	12,523
Right of Way Acquisition	$	26,000
Environmental	$	10,000
Utility Relocation	$	29,314
Construction	$	75,230
Total Cost Estimate	**$**	**153,067**

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Roadway Construction, Utility Relocation and ROW Quantity Calculations   545 Ridgemont Drive

Roadway Construction	Removal Unit Cost	Installation Unit Cost	Amount	Total Cost
Pavement (SF)	$ 1.46	$ 9.74	144.00	$ 1,612.80
Curb and Gutter (LF)	$ 11.25	$ 50.00	20.00	$ 1,225.00
Drain Inlet (EA)		$ 3,625.00	2.00	$ 7,250.00
4" Sidewalk (SY)				$ -
Guardrail (LF)				$ -
End Anchorage (EA)				$ -
Subtotal				$ 10,087.80
Grading Complete (10% of Rwy Items & Drng Total $)				$ 5,641.77
Roadway Total				**$ 15,729.57**

Drainage	Removal Unit Cost	Installation Unit Cost	Amount	Total Cost
Trench Excavation (CY)		$ 12.98	133.33	$ 1,730.00
36" CMP (LF)	$ 24.53		296.00	$ 7,259.40
36" RCP		$ 165.83	36.00	$ 5,969.88
36" HPDE		$ 132.66	200.00	$ 26,532.80
Class A Conc (CY)				$ -
Steel (lb)				$ -
Pipe Bedding (CY)		$ 60.75	22.70	$ 1,379.03
Trench Backfill (CY)		$ 3.74	296.00	$ 1,105.56
Trench Compaction (CY)		$ 7.95	296.00	$ 2,353.20
Drainage Total				**$ 46,329.87**

Signing and Marking	Installation Unit Cost	Amount	Total Cost
Permanent Striping (LF)		0	$ -
Signing and Marking Total			**$ -**

Staging	Installation Unit Cost	Amount	Total Cost
Clearing and Grubbing (Acre)	$ 26,500.00	0.10	$ 2,650.00
Temporary Pavement			0
Temporary Drainage (Stream Diversion)		0.00	$ -
Staging Total			**$ 2,650.00**

Erosion Control	Installation Unit Cost	Amount	Total Cost
Fine Grading and Seeding (SY)	$ 5.49	100.00	$ 549.00
Temporary Grassing (AC)	$ 1,061.28	0.00	$ -
Type C Silt Fence (LF)	$ 5.50	400.00	$ 2,200.00
Check Dam Type C Silt Fence (LF)	$ 15.14	0.00	$ -
Erosion Control Mats (SY)	$ 1.97	0.00	$ -
Landscape Mulch (SY)	$ 12.22	0.00	$ -
Perm Grassing (AC)	$ 2,935.65	0.00	$ -
Rip Rap Type 3 12" (SY)	$ 129.93	16.00	$ 2,078.88
Plastic Filter Fabric (SY)	$ 7.50	16.00	$ 120.00
4" Ditch Paving (SY)	$ 74.85	0.00	$ -
Erosion Control Total			**$ 4,947.88**
Construction Cost Total			**$ 69,657.31**
Traffic Control (8% of Construction Total $)			**$ 5,572.58**
Construction Cost Grand Total			**$ 75,229.90**

Utility Relocation	Removal Unit Cost	Installation Unit Cost	Amount	Total Cost
Electric				
Aerial	$ 13.75	$ 68.75		$ -
Buried	$ 20.63	$ 103.13	50	$ 6,187.50
Wooden Pole	$ 103.13	$ 756.25		$ -
Phone				
Aerial	$ 13.75	$ 68.75		$ -
Buried	$ 20.63	$ 103.13	50	$ 6,187.50
Wooden Pole	$ 103.13	$ 756.25		$ -
Cable				
Aerial	$ 13.75	$ 68.75		$ -
Buried	$ 20.63	$ 103.13	50	$ 6,187.50
Wooden Pole	$ 103.13	$ 756.25		$ -
Gas				
4" main	$ 20.63	$ 82.50		$ -
Water				
8" main	$ 20.63	$ 194.41	50	$ 10,751.75
Relocate Fire Hydrant (EA)		$ 5,665.63		$ -
Sewer			0	
12" main	$ 61.65	$ 103.28	0.00	$ -
Utility Relocation Total				**$ 29,314.25**

Right of Way (Sq Ft)	Cost/ Sq Ft	Sq Ft	Total Cost
Permanent Easement	$ 5.00	5200	**$ 26,000.00**

2023 STORMWATER SPLOST

Royal Ridge Way

Category II, Tier II

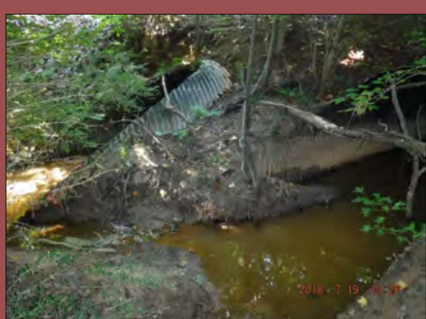
Existing Conditions

Diameter: Two-72"

Length: 124'

Material: Corrugated Metal Pipe (CMP)

Project Cost Estimate: $390,082



Project Cost Estimate		
Design / Engineering	$	45,189
Right of Way Acquisition	$	0
Environmental	$	18,000
Utility Relocation	$	0
Construction	$	326,893
Total Cost Estimate	**$**	**390,082**

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Roadway Construction, Utility Relocation and ROW Quantity Calculations — Royal Ridge Way

Roadway Construction	Removal Unit Cost	Installation Unit Cost	Amount	Total Cost
Pavement (SF)	$ 1.46	$ 9.74	468.00	$ 5,241.60
Curb and Gutter (LF)	$ 11.25	$ 50.00	36.00	$ 2,205.00
Drain Inlet (EA)		$ 3,625.00	2.00	$ 7,250.00
4" Sidewalk (SY)			0.00	$ -
Guardrail (LF)			0.00	$ -
End Anchorage (EA)			0.00	$ -
Subtotal				$ 14,696.60
Grading Complete (5% of Rwy Items & Drng Total $)				$ 13,539.73
Roadway Total				$ 28,236.33

Drainage	Removal Unit Cost	Installation Unit Cost	Amount	Total Cost
Trench Excavation (CY)		$ 12.98	413.33	$ 5,365.07
72" CMP	$ 78.75		124.00	$ 9,765.00
72" RCP		$ 450.88	0.00	$ -
Class A Conc (CY)		$ 1,850.86	111.22	$ 205,856.35
Steel (lb)		$ 2.45	11533.80	$ 28,257.81
Pipe Bedding (CY)		$ 60.75	42.70	$ 2,594.03
Trench Backfill (CY)		$ 3.74	421.97	$ 1,576.05
Trench Compaction (CY)		$ 7.95	337.57	$ 2,683.71
Drainage Total				$ 256,098.01

Signing and Marking	Installation Unit Cost	Amount	Total Cost
Permanent Striping (LF)	$ 1.56	54.00	$ 84.24
Signing and Marking Total			$ 84.24

Staging	Installation Unit Cost	Amount	Total Cost
Clearing and Grubbing (Acre)	$ 26,500.00	0.10	$ 2,650.00
Temporary Pavement			$ -
Temporary Drainage (Stream Diversion)	$ 5,064.24	1.00	$ 5,064.24
Staging Total			$ 7,798.48

Erosion Control	Installation Unit Cost	Amount	Total Cost
Fine Grading and Seeding (SY)	$ 5.49	72.00	$ 395.28
Temporary Grassing (AC)	$ 1,061.28	0.00	$ -
Type C Silt Fence (LF)	$ 5.50	248.00	$ 1,364.00
Check Dam Type C Silt Fence (LF)	$ 15.14	248.00	$ 3,754.72
Erosion Control Mats (SY)	$ 1.97	0.00	$ -
Landscape Mulch (SY)	$ 12.22	0.00	$ -
Perm Grassing (AC)	$ 2,935.65	0.00	$ -
Rip Rap Type 3 12" (SY)	$ 129.93	36.00	$ 4,677.48
Plastic Filter Fabric (SY)	$ 7.50	36.00	$ 270.00
4" Ditch Paving (SY)	$ 74.85	0.00	$ -
Erosion Control Total			$ 10,461.48
Construction Cost Total			$ 302,678.54
Traffic Control (8% of Construction Total $)			$ 24,214.28
Construction Cost Grand Total			$ 326,892.82

Utility Relocation	Removal Unit Cost	Installation Unit Cost	Amount	Total Cost
Electric				
Aerial	$ 13.75	$ 68.75	0.00	$ -
Buried	$ 20.63	$ 103.13	0.00	$ -
Wooden Pole	$ 103.13	$ 756.25	0.00	$ -
Phone				
Aerial	$ 13.75	$ 68.75	0.00	$ -
Buried	$ 20.63	$ 103.13	0.00	$ -
Wooden Pole	$ 103.13	$ 756.25	0.00	$ -
Cable				
Aerial	$ 13.75	$ 68.75	0.00	$ -
Buried	$ 20.63	$ 103.13	0.00	$ -
Wooden Pole	$ 103.13	$ 756.25	0.00	$ -
Gas				
4" main	$ 20.63	$ 82.50	0.00	$ -
Water				
8" main	$ 20.63	$ 194.41	0.00	$ -
Relocate Fire Hydrant (EA)		$ 5,665.63	0.00	$ -
Sewer				
12" main	$ 61.65	$ 103.28	0.00	$ -
Utility Relocation Total				$ -

Right of Way (Sq Ft)	Cost/ Sq Ft	Sq Ft	Total Cost
Permanent Easement	$ 5.00	0.00	$ -
ROW Total			$ -

2023 STORMWATER SPLOST

261 Trickum Creek Road

Category II, Tier II

Existing Conditions

Diameter: Two-84”

Length: 210’

Material: Corrugated Metal Pipe (CMP)

Project Cost Estimate: $589,151

Project Cost Estimate		
Design / Engineering	$	58,474
Right of Way Acquisition	$	26,469
Environmental	$	18,000
Utility Relocation	$	26,469
Construction	$	459,740
Total Cost Estimate	**$**	**589,151**

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Roadway Construction, Utility Relocation and ROW Quantity Calculations 261 Trickum Creek Rd

Roadway Construction	Removal Unit Cost	Installation Unit Cost	Amount	Total Cost
Pavement (SF)	$ 1.46	$ 9.74	1,144.00	$ 12,812.80
Temporary Gravel Road (SY)		$ 19.28	222.22	$ 4,284.44
Curb and Gutter (LF)	$ 11.25	$ 50.00	20.00	$ 1,225.00
Drain Inlet (EA)			0.00	$ -
4" Sidewalk (SY)			0.00	$ -
Guardrail (LF)			0.00	$ -
End Anchorage (EA)			0.00	$ -
Subtotal				$ 18,322.24
Grading Complete (5% of Rwy Items & Drng Total $)				$ 18,538.63
Roadway Total				$ 36,860.87
Drainage	Removal Unit Cost	Installation Unit Cost	Amount	Total Cost
Trench Excavation (CY)		$ 12.98	881.48	$ 11,441.63
84" CMP (LF)	$ 78.75		210.00	$ 49,612.50
84" RCP			0.00	$ -
Class A Conc (CY)		$ 1,850.86	132.51	$ 245,257.46
Steel (lb)		$ 2.45	13,383.00	$ 32,788.35
Pipe Bedding (CY)		$ 60.75	69.30	$ 4,209.98
Trench Backfill (CY)		$ 3.74	905.44	$ 3,381.82
Trench Compaction (CY)		$ 7.95	724.35	$ 5,758.60
Drainage Total				$ 352,450.34
Signing and Marking		Installation Unit Cost	Amount	Total Cost
Permanent Striping (LF)		$ 1.56	0.00	$ -
Signing and Marking Total				$ -
Staging		Installation Unit Cost	Amount	Total Cost
Clearing and Grubbing (Acre)		$ 26,500.00	0.20	$ 5,300.00
Temporary Pavement				$ -
Temporary Drainage (Stream Diversion)		$ 5,064.24	2.00	$ 10,128.48
Staging Total				$ 15,428.48
Erosion Control		Installation Unit Cost	Amount	Total Cost
Fine Grading and Seeding (SY)		$ 5.49	138.67	$ 761.28
Temporary Grassing (AC)		$ 1,061.28	0.00	$ -
Type C Silt Fence (LF)		$ 5.50	420.00	$ 2,310.00
Check Dam Type C Silt Fence (LF)		$ 15.14	420.00	$ 6,358.80
Erosion Control Mats (SY)		$ 1.97	140.00	$ 275.80
Landscape Mulch (SY)		$ 12.22	140.00	$ 1,710.80
Perm Grassing (AC)		$ 2,935.65	0.00	$ -
Rip Rap Type 3 12" (SY)		$ 129.93	69.33	$ 9,008.48
Plastic Filter Fabric (SY)		$ 7.50	69.33	$ 520.00
4" Ditch Paving (SY)		$ 74.85	0.00	$ -
Erosion Control Total				$ 20,945.16
Construction Cost Total				$ 425,684.85
Traffic Control (8% of Construction Total $)				$ 34,054.79
Construction Cost Grand Total				$ 459,739.64
Utility Relocation	Removal Unit Cost	Installation Unit Cost	Amount	Total Cost
Electric				
Aerial	$ 13.75	$ 68.75	100.00	$ 8,250.00
Buried	$ 20.63	$ 103.13	0.00	$ -
Wooden Pole	$ 103.13	$ 756.25	2.00	$ 1,718.75
Phone				
Aerial	$ 13.75	$ 68.75	100.00	$ 8,250.00
Buried	$ 20.63	$ 103.13	0.00	$ -
Wooden Pole	$ 103.13	$ 756.25		$ -
Cable				
Aerial	$ 13.75	$ 68.75	100.00	$ 8,250.00
Buried	$ 20.63	$ 103.13	0.00	$ -
Wooden Pole	$ 103.13	$ 756.25		$ -
Gas				
4" main	$ 20.63	$ 82.50		$ -
Water				
8" main	$ 20.63	$ 194.41	0.00	$ -
Relocate Fire Hydrant (EA)		$ 5,665.63		$ -
Sewer			0.00	
12" main	$ 61.65	$ 103.28	0.00	$ -
Utility Relocation Total				$ 26,468.75
Right of Way (Sq Ft)		Cost/ Sq Ft	Sq Ft	Total Cost
Permanent Easement		$ 5.00	5,293.75	$ 26,468.75
ROW Total				$ 15,000.00

<u>Existing Conditions</u>

Diameter: 72”

Length: 130’

Material: Corrugated Metal Pipe (CMP)

Project Cost Estimate:
$597,311

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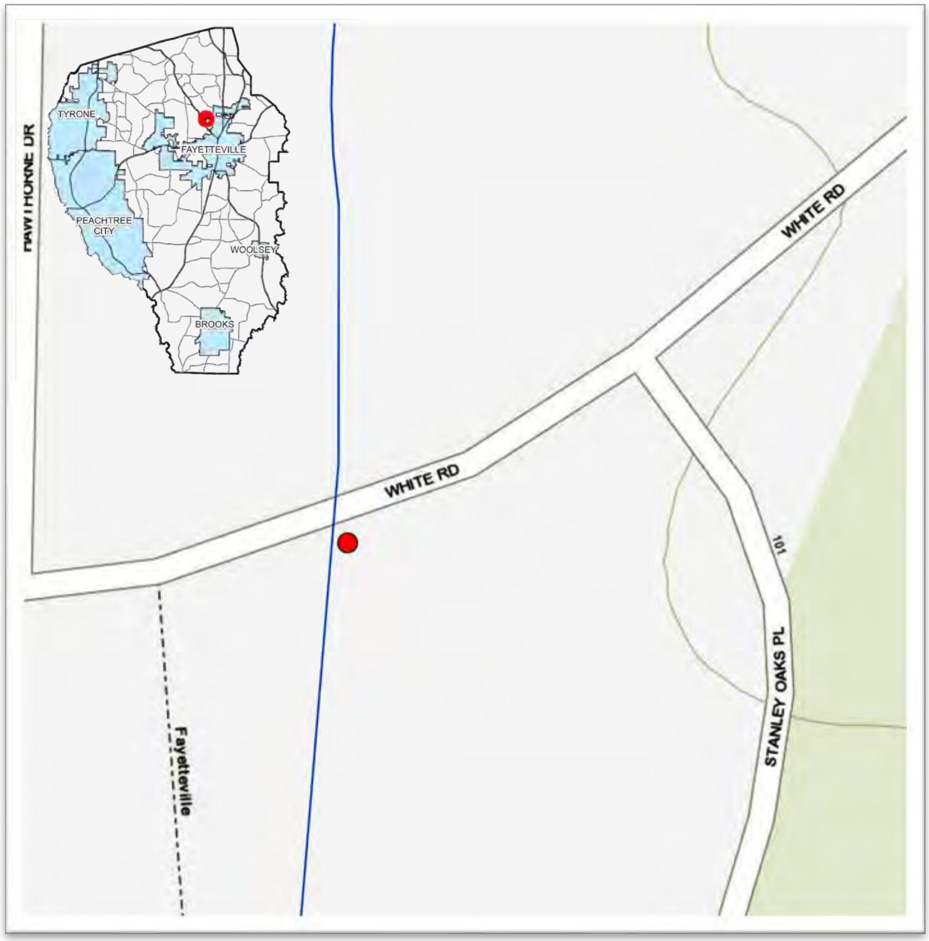
2023 STORMWATER SPLOST

185 White Road

Category II, Tier II



Project Cost Estimate		
Design / Engineering	$	50,423
Right of Way Acquisition	$	54,000
Environmental	$	12,500
Utility Relocation	$	22,000
Construction	$	458,388
Total Cost Estimate	**$**	**597,311**

For more information visit https://fayettecountyga.gov/splost-2023/

Roadway Construction, Utility Relocation and ROW Quantity Calculations White Road

Roadway Construction	Removal Unit Cost	Installation Unit Cost	Amount	Total Cost
Pavement (SF)	$ 1.43	$ 9.50	2400.00	$ 26,220.00
Curb and Gutter (LF)	$ 28.56	$ 30.60	0.00	$ -
Guardrail (LF)	$ 16.99	$ 61.36	300.00	$ 23,505.75
End Anchorage (EA)		$ 2,028.05	4.00	8112.2
Guardrail (LF)	$ 16.99	$ 61.36	300.00	18408.75
End Anchorage (EA)		$ 2,028.05	4.00	8112.2
Subtotal				$ 84,358.90
Grading Complete (10% of Rwy Items & Drng Total $)				$ 37,003.21
Roadway Total				**$ 121,362.11**

Drainage	Removal Unit Cost	Installation Unit Cost	Amount	Total Cost
Trench Excavation (CY)		$ 20.00	577.78	$ 11,555.56
72" CMP (LF)	$ 24.60		130.00	$ 3,198.00
72" RCP (LF)		$ -	0.00	$ -
Class A Conc (CY)		$ 1,500.00	130.00	$ 195,000.00
Steel (lb)		$ 3.00	14200.00	$ 42,600.00
Pipe Bedding (CY)		$ 48.60	75.00	$ 3,645.00
Trench Backfill (CY)		$ 45.00	577.78	$ 26,000.00
Trench Compaction (CY)		$ 6.36	577.78	$ 3,674.67
Drainage Total				**$ 285,673.22**

Signing and Marking	Installation Unit Cost	Amount	Total Cost
Permanent Striping (LF)	$ 1.00	100	$ 100.00
Signing and Marking Total			**$ 100.00**

Staging	Installation Unit Cost	Amount	Total Cost
Clearing and Grubbing (Acre)	$ 26,500.00	0.25	$ 6,625.00
Temporary Pavement			0
Temporary Drainage (Stream Diversion)	$ 4,428.00		$ -
Staging Total			**$ 6,725.00**

Erosion Control	Installation Unit Cost	Amount	Total Cost
Fine Grading and Seeding (SY)	$ 6.59	200.00	$ 1,317.60
Temporary Grassing (AC)	$ 855.60	0.00	$ -
Type C Silt Fence (LF)	$ 4.24	520.00	$ 2,202.72
Check Dam Type C Silt Fence (LF)	$ 6.79	520.00	$ 3,531.84
Erosion Control Mats (SY)	$ 2.87	200.00	$ 574.00
Landscape Mulch (SY)	$ 5.58	200.00	$ 1,116.00
Perm Grassing (AC)	$ 1,402.20	0.25	$ 350.55
Rip Rap Type 3 12" (SY)	$ 60.98	22.00	$ 1,341.65
Plastic Filter Fabric (SY)	$ 6.30	22.00	$ 138.60
4" Ditch Paving (SY)	$ 54.65	0.00	$ -
Erosion Control Total			**$ 10,572.96**
Construction Cost Total			**$ 424,433.29**
Traffic Control (8% of Construction Total $)			**$ 33,954.66**
Construction Cost Grand Total			**$ 458,387.96**

Utility Relocation	Removal Unit Cost	Installation Unit Cost	Amount	Total Cost
Electric				
Aerial	$ 11.00	$ 55.00	0.00	$ -
Buried	$ 16.50	$ 82.50	0.00	$ -
Wooden Pole	$ 82.50	$ 605.00	0.00	$ -
Phone				
Aerial	$ 11.00	$ 27.50	0.00	$ -
Buried	$ 16.50	$ 55.00	0.00	$ -
Wooden Pole	$ 82.50	$ 605.00	0.00	$ -
Cable				
Aerial	$ 11.00	$ 27.50	0.00	$ -
Buried	$ 16.50	$ 55.00	0.00	$ -
Wooden Pole	$ 82.50	$ 605.00	0.00	$ -
Gas				
4" main	$ 16.50	$ 66.00	0.00	$ -
Water				
8" main	$ 16.50	$ 93.50	200.00	$ 22,000.00
Sewer				
12" main	$ 16.50	$ 82.50	0.00	$ -
Utility Relocation Total				**$ 22,000.00**

Right of Way (Sq Ft)	Cost/ Sq Ft	Sq Ft	Total Cost
Permanent Easement	$ 6.00	9000	**$ 54,000.00**
ROW Total			**$ 54,000.00**

2023 STORMWATER SPLOST

Yates Drive at Eastin Road

Category II, Tier II

<u>Existing Conditions</u>

Diameter: 18”

Length: 212’

Material: Corrugated Metal Pipe (CMP)

Project Cost Estimate:
$40,393

Project Cost Estimate		
Right of Way Acquisition	$	5,000
Utility Relocation	$	5,000
Construction	$	30,393
Total Cost Estimate	**$**	**40,393**

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Yates Drive At Eastin Road

Replace 212' of 18" CMP with 18" RCP between Catch Basins and then down ROW.

			COST ESTIMATE	
ITEM DESCRIPTION	UNIT	QUANTITY	UNIT PRICE	TOTAL COST
18" RCP	LF	212.00	$ 106.01	$ 22,474.12
SES	EA	1.00	$ 1,387.39	$ 1,387.39
Pipe Delivery	LS	1.00	$ 500.00	$ 500.00
GAB	TN	30.00	$ 33.42	$ 1,002.60
#57 Stone	TN	24.00	$ 42.09	$ 1,010.16
9.5mm Ty 2 Asphalt	TN	6.00	$ 525.00	$ 3,150.00
Tack	GAL	3.00	$ 6.00	$ 18.00
Temporary Flaggers	HR	16.00	$ 20.00	$ 320.00
Grassing	LS	1.00	$ 530.73	$ 530.73
Utility Relocation	LS	1.00	$ 5,000.00	$ 5,000.00
Right of Way	LS	1.00	$ 5,000.00	$ 5,000.00
			ESTIMATED COST	$ 40,393.00

Notes:

2023 STORMWATER SPLOST

Category II, Tier III

Project Name / Location	Project Cost Estimate	
ADAMS ROAD (#214)	$	17,020.00
BANKSTOWN ROAD (#353)	$	24,468.62
BENJAMIN CIRCLE (#375)	$	37,812.00
BENZ CT (#120)	$	45,902.00
BON AMI CT (#120)	$	20,652.00
BRANDON MILL CIRCLE (#105)	$	37,110.00
BRASWELL LANE (#100)	$	10,788.00
BRIARLAKE CT (#130)	$	35,342.00
BUTLER ROAD (#109)	$	16,144.00
CATHERINE LANE (#110)	$	43,180.00
CHEROKEE PLACE (#105)	$	16,144.00
COUNTRY LANE ROAD (#260)	$	18,294.00
DAVIS ROAD (#107)	$	15,036.00
DAVIS ROAD (#265 - 2,000FT WEST OF)	$	14,592.00
DAVIS ROAD (#504)	$	21,016.00
DERBY DRIVE (#225)	$	19,510.00
DIXON CIRCLE (#154)	$	15,706.00
EBENEZER CHURCH ROAD (#560)	$	16,132.00
ELLISON ROAD (#228)	$	15,706.00
ELLISON ROAD (#332)	$	16,582.00
ELLISON ROAD (#378)	$	14,856.00
ESSEX CIRCLE (#135)	$	15,206.00
FAIRFIELD CIRCLE (#155)	$	35,480.00
FLAT CREEK CT (#100)	$	15,706.00
FLAT CREEK CT (#155)	$	18,000.00
FLAT CREEK TRAIL (#301)	$	18,000.00
FLAT CREEK TRAIL (#626)	$	15,478.00
FLAT CREEK TRL (#382)	$	19,670.54
FRANKLIN FARMS CIRCLE (#305)	$	37,812.00

Project Name / Location	Project Cost Estimate	
GENTLE DOE DRIVE (#105)	$	34,482.00
GINGER CAKE ROAD (#216)	$	15,150.00
GINGER CAKE ROAD (#347)	$	15,478.00
GREEN VALLEY (#285)	$	15,706.00
GREENFIELD CIRCLE (#105)	$	17,492.00
HARRIS ROAD (#350)	$	15,188.00
HAWTHORNE DR (#100)	$	25,583.49
HERITAGE WAY (#115)	$	41,252.00
HIGHLAND HILLS ROAD (#159)	$	17,506.00
HIGHLAND HILLS ROAD (#210)	$	16,966.00
HIGHWAY 85 CONNECTOR (#1373)	$	15,150.00
HIGHWAY 85 CONNECTOR (#1415)	$	15,478.00
HIGHWAY 85 CONNECTOR (#166)	$	17,178.00
HIGHWAY 85 CONNECTOR (#246)	$	17,178.00
HIGHWAY 85 CONNECTOR (#336)	$	15,150.00
HIGHWAY 85 CONNECTOR (#348)	$	18,294.00
HIGHWAY 85 CONNECTOR (#423)	$	17,262.00
HIGHWAY 85 CONNECTOR (#588)	$	15,706.00
HILO ROAD (#382)	$	16,582.00
HOOD ROAD (#1116)	$	15,266.00
HOOD ROAD (#879)	$	16,184.00
HORSESHOE CIRCLE (#115)	$	18,118.00
IDLEWOOD LANE (#130)	$	19,134.00
KARI GLEN DRIVE (#120)	$	17,398.00
KEN CIRCLE (#105	$	14,726.00
KEYLAND DRIVE (#115)	$	38,102.00
KINGSWOOD WAY (#105)	$	31,616.00
KIRKLY ROAD (#215)	$	15,150.00
LADY HELEN CT (#130)	$	22,788.00
LAMBERTH LAKE DRIVE (#125)	$	37,978.00
LANG DRIVE (#210)	$	19,884.00
LESTER ROAD (#431)	$	15,150.00

Project Name / Location		Project Cost Estimate
LITTLE CREEK DRIVE (#150)	$	38,826.00
LOCKWOOD ROAD (#150)	$	15,706.00
LOFTY EAGLE LANE (#160)	$	35,450.00
LONGVIEW ROAD (#185)	$	17,178.00
LOWERY ROAD (#114)	$	22,166.00
MCBRIDE @ OLD GREENVILLE (CAPACITY)	$	20,675.70
MCBRIDGE @ JERICHO	$	22,586.98
MELODY LANE (#110)	$	21,292.00
MERRYDALE DRIVE (#285)	$	19,262.00
MITCHELL ROAD (#133)	$	15,150.00
MOCKING BIRD (#110)	$	24,272.80
MORGAN MILL ROAD (#395)	$	16,708.00
NEW HOPE ROAD (#762)	$	16,558.00
NEW HOPE ROAD (#988)	$	11,834.00
NORTH BEND CT (#175)	$	45,636.00
NORTH DRIVE (#245)	$	42,682.00
NORTHWIND TRAIL (#100)	$	37,984.00
OLDE OAK DRIVE (#105)	$	16,838.00
OLDE OAK DRIVE (#175)	$	16,352.00
OMIN ROAD (#245)	$	16,184.00
PINEWOOD DRIVE (#125)	$	16,144.00
PLANTATION ROAD (#285)	$	15,150.00
POSTWOOD DRIVE (#100)	$	20,260.00
REDBUD CT (#100)	$	13,856.00
REDWINE ROAD (#980)	$	15,468.00
RENNES CT (#210)	$	38,272.00
RILEY CT (#135)	$	15,206.00
RUSTIC MILL LANE (#130)	$	22,508.00
RUSTIC MILL LANE (#150)	$	27,942.00
SAMS DRIVE (AND LEES MILL ROAD) (#302)	$	17,492.00
SHAMROCK DRIVE (#180)	$	19,652.00
SOUTH WOOD CT (#145)	$	42,048.00

Project Name / Location		Project Cost Estimate
STANLEY ROAD (#128)	$	25,076.00
STARRS MILL DRIVE (#190)	$	16,144.00
STONERIDGE WAY (#385)	$	18,326.00
SUMMERVILLE DRIVE (#105)	$	17,534.00
SWANSON ROAD (#233)	$	12,096.00
TANDY TERRACE (#125)	$	35,468.00
THOMPSON ROAD (#112)	$	15,266.00
THORNTON CT (#130)	$	40,418.00
THORNTON DRIVE (#240)	$	36,004.00
THORNTON LANE (#165)	$	15,150.00
TRAMMELL ROAD (EAST OF) (#166)	$	15,266.00
TRICKUM CREEK ROAD (#128)	$	15,846.00
WAGON WHEEL TRAIL (200FT WEST OF SALMA DRIVE)	$	27,374.00
WEEPING WILLOW WAY (#330)	$	41,428.00
WESLEY PLACE (#140)	$	16,184.00
WESTBRIDGE CIRCLE (#155)	$	15,150.00
WHITE OAK WAY (#320)	$	12,980.00
WHITNEY WAY (#240)	$	15,284.00
WILKINS ROAD (#136)	$	15,150.00
WILLS WAY (#160)	$	39,106.00
WISTERIA CT (#120)	$	37,668.00
YATES DRIVE (#140)	$	39,264.00

Category I Total Cost Estimate	**$**	**2,551,142.13**