



Details:

Stormwater pipe has joint separation and corrosion. The pipe is out of round and shows signs of failure under the road. The road side inlet is damaged.



Details:

60" metal pipe

FAYETTE
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Project:	110 Mark Lane	Page
Date:	July 17, 2018	1

	formation		Мар			
Project ID						
Street Name		rk Lane	HENT ! (V.			
Site Visit Date	5/22	2/13	The state of the s			
Road Classification	Minor road		Bombley 1			
Project Notes						
Urban typical with Curb and Gutter			Constitution of the last			
			Neely Rd Robots Rd			
Field N			One kView Tri			
Design (Existing	g Site Features)		bana Dr ()			
Existing Road Laneage		2 - 10'	Gauss Ad Sa			
Existing Shld Width (paved and g	grass) (feet)	4'	S Case Mary Con RO F			
Existing Side Slopes		Flat	Cooking Control Out RO			
Existing Guardrail		None				
Depth fm Pavement to Top of Cu	Ivert (ft):	5	~ (* / ° * A) ~ ()			
Pipe Type and Size		60" CMP				
Pipe Condition (1-5) (1 is new)		4				
Condition Notes: Not straight, joint	damage; downstr	ream sediment	Stanley Rd Fernivay Dr. 1980 1			
(1/2' of sediment 90' length)			Vistoria D			
D			- I - I - I - I - I - I - I - I - I - I			
Pavement Type/Condition		Asphalt/Good				
			Stage Construction Options			
Environment		·	Close Location to Traffic			
Wetlands	X (Ups		Maintain One Lane - No Temp Pavement X			
Ditches	No	ne	Maintain One Lane - Temp Pavement			
			Stage Construction Notes:			
Utilities (Visua						
Electric	Bur					
Cable	Bur					
Phone	Bur	ried				
Gas	_					
Water	Bur	ried				
Sewer						
Other						
	1	Propos	ed Design			
Roadway Section						
	Davids O. III					
Culvert Size & Material	Double 6x4' box,	concrete, 90'				
	Electric cold	hana markan				
Utility Relocations	Electric, cable, p	none, water				
Guardrail Replacement						
Miscellaneous Features						
		Planning C	Cost Estimate			
Туре	l	Notes				
Design	Includes 109		ost and surveying needs \$30,040			
Right of Way Cost			4,000 sf beyond ROW \$16,000			
Utility Relocation Cost	7.03uming	Buried uti				
Construction Cost	Assum		aring and grubbing \$175,397			
Environmental Permits	Assuming m	ninimal environme	ental permitting required \$10,000			
Livii Giinigii Giinii G	, issuming in					
		Total D	lanning Estimate \$240,027			
		i otai P	lanning Estimate \$249,037			



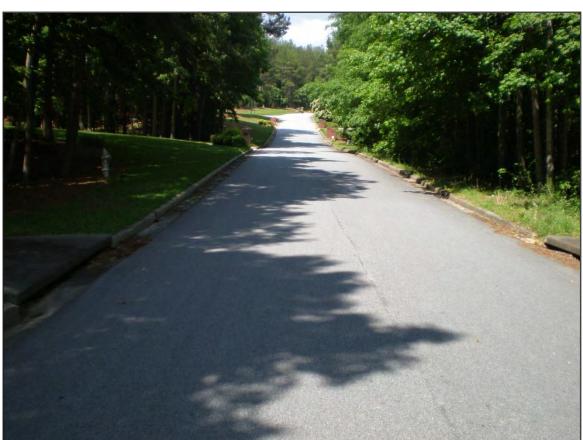




Photo 1:



Photo 2:

Photo Date:

5/21/2013

Taken By:

David King

Page:

1





Photo 3:



Photo 4:

Photo Date:

5/21/2013

Taken By:

David King

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Roadway Construction Pavement (SF) Curb and Gutter (LF) Drain Inlet (EA) 4" Sidewalk (SY) Guardrail (LF) End Anchorage (EA) Subtotal Grading Complete (5% of Rwy Items & Drng Total \$) Roadway Total Drainage Trench Excavation (CY) 60" CMP (LF) 60" RCP Class A Conc (CY) Steel (lb) Pipe Bedding (CY)	Removal Uni \$ \$ \$ Removal Uni \$	0.73 28.56 13.56 4.88	Installation Unit Cost \$ 4.87 \$ 30.66 \$ 3,000.00 \$ 36.90 \$ 49.00 \$ 1,380.00 Installation Unit Cost \$ 10.38 \$ 259.26 \$ 892.11 \$ 1.42 \$ 48.66	Amount 3 513.33 90.00 0.00 107.46 2 11,682.00	\$ 3,312.96 \$ 6,000.00 \$ - \$ - \$ 10,882.45 \$ 7,106.65 \$ 17,989.10 Total Cost \$ 5,328.40 \$ 6,642.00 \$ - \$ 95,874.52 \$ 16,541.71
Trench Backfill (CY) Trench Compaction (CY)			\$ 2.99 \$ 6.36	562.86	\$ 1,681.81 \$ 2,863.81
Drainage Total					\$ 131,250.48
Signing and Marking Permanent Striping (LF)			Installation Unit Cost \$ 0.71	Amount 56.00	Total Cost \$ 39.65
Signing and Marking Total					\$ 39.65
Staging Clearing and Grubbing (Acre) Temporary Pavement Temporary Drainage (Stream Diversion)			Installation Unit Cost \$ 10,260.00 \$ 4,428.00		Total Cost \$ 1,026.00 \$ - \$ 4,428.00
Temporary Dramage (Stream Diversion)			\$ 4,420.00	1.00	φ 4,420.00
Staging Total					\$ 5,533.30
Erosion Control Fine Grading and Seeding (SY) Temporary Grassing (AC) Type C Silt Fence (LF) Check Dam Type C Silt Fence (LF) Erosion Control Mats (SY) Landscape Mulch (SY) Perm Grassing (AC) Rip Rap Type 3 12" (SY) Plastic Filter Fabric (SY) 4" Ditch Paving (SY)			Installation Unit Cost \$ 4.36 \$ 855.60 \$ 4.22 \$ 6.75 \$ 1.87 \$ 3.56 \$ 1,402.20 \$ 60.96 \$ 5.72 \$ 54.66	0.00 360.00 360.00 120.00 120.00 0.00 37.33 2.37.33	\$ 1,524.96 \$ 2,445.12 \$ 224.64 \$ 429.12 \$ - \$ 2,276.74 \$ 213.70
Erosion Control Total					\$ 7,592.51
Construction Cost Total					\$162,405.03
Traffic Control (8% of Construction Total \$)					\$ 12,992.40
Construction Cost Grand Total					\$175,397.43
Utility Relocation Electric Aerial	Removal Uni	11.00	Installation Unit Cost \$ 55.00		Total Cost
Buried Wooden Pole Phone Aerial	\$ \$	16.50 82.50 11.00	\$ 82.50 \$ 605.00 \$ 27.50)	\$ 4,950.00 \$ -
Buried Wooden Pole Cable	\$ \$	16.50 82.50	\$ 55.00 \$ 605.00	50.00	\$ 3,575.00 \$ -
Aerial Buried Wooden Pole	\$ \$ \$	11.00 16.50 82.50	\$ 27.50 \$ 55.00 \$ 605.00	50.00	\$ - \$ 3,575.00 \$ -
Gas 4" main	\$	16.50	\$ 66.00		\$ -
Water 8" main Relocate Fire Hydrant (EA)	\$	16.50	\$ 93.50 \$ 2,609.22	2	\$ 5,500.00 \$ -
Sewer 12" main Utility Relocation Total	\$	16.50	\$ 82.50	0.00	\$ - \$ 17,600.00
Right of Way (Sq Ft)			Cost/ Sq Ft	Sq Ft	Total Cost
Permanent Easement ROW Total			\$ 4.00		