

MEMORANDUM

To: Mayor and City Council

From: Brent Walker, Parks and Recreation Director

Date: August 28, 2017

Subject: **Funding Approval for Peachtree Charter Middle School Storm Water Pipe Repair.**

ITEM DESCRIPTION

Approval of Funding for Stormwater Pipe Repairs at Peachtree Charter Middle School Football Field. Estimate for the rehabilitation from the City's contracted Stormwater Repair company, IPR Southeast LLC, is \$278,471, which includes a 10% contingency.

BACKGROUND

Per the Intergovernmental agreement with the DeKalb County Board of Education, the City is responsible for repairing the storm water infrastructure under the football field at Peachtree Charter Middle school. The full repair will involve the rehabilitation of 61' of 18" corrugated metal pipe, 93' of 24" corrugated metal pipe, 235' of 42" corrugated metal pipe and 245' of 48" corrugated metal pipe.

This project can be funded with the 2017 Stormwater Maintenance Budget Reserve, therefore not impacting current maintenance operations or projected projects.

RECOMMENDED ACTION

Staff recommends approving \$278,471 in funding to IPR Southeast LLC for Stormwater Culvert Repairs at Peachtree Charter Middle School football field and authorize staff to utilize the Stormwater Maintenance Budget Reserve to fund the repairs.

IPR Southeast LLC	
ESTIMATE FOR CITY OF DUNWOODY 2017 STANDBY STORMWATER SYSTEM REPAIR CONTRACT	
PROJECT LOCATION:	4664 N Peachtree Rd - Dekalb Middle School
DATE ESTIMATE PREPARED:	17-Aug-17
ESTIMATE PREPARED BY:	Daniel Guse
ESTIMATE AMOUNT:	\$253,155.35
10 % CONTINGENCY:	\$25,315.54
ESTIMATE GRAND TOTAL:	\$278,470.89

Pre-Lining Work:

Pre CCTV and Cleaning of all Line Segments
Line #1 - Invert Repair 0' - 5', Internal repair at 107' and 111' to remove jagged metal
Line #2 - Invert Repair - approx 20 LF - as determined by PreCCTV
Line #5 - Internal Repair to remove jagged metal at 153'
Structure 01529 - Holding water and debris at downstream headwall - Need to clean out Tail ditch
Structures 01524, 01529, 01528 and 41007 - Clearing needed to get access to these structures
Structure 01520 - Clearing needed at upstream end to gain access
Structure 01510 - Remove top of box for liner install
Structure 41007 - Remove top of box for liner install
Structure 01514 - Ends of 42" pipes need to be trimmed back to allow liner to turn better
Clean structures - 01520, 01513, 01512, 01515
Minor Traffic Control on Barclay Drive (4 days)

Lining Work:

Line 1 - 24" x 10.5 mm x 156 LF
Line 1B and 2 - 24" x 10.5 mm x 192 LF
Line 4 and 3 - If possible, Use Transition Liner from 42" to 48" - 42" x 21.0 mm x 218 LF and 48" x 24.0 mm x 99 LF
Line 7, 5, and 9 - 42" x 18.0 mm x 390 LF
Line 6 - 18" x 9.0 mm x 76 LF

Post Lining Work:

Post CCTV
Inverts in all Catch Basins
Restoration as Needed - Seed and Straw only

ITEM #	Description	Unit	Unit Price	Quantity	Total Costs
General Conditions					
1	Mobilization	EA	\$ 1,600.00	1.00	\$ 1,600.00
2	Out of Scope Work, Foreman	HR	\$ 85.00	5.00	\$ 425.00
3	Out of Scope Work, Laborer	HR	\$ 70.00	10.00	\$ 700.00
Traffic Control					
5	Traffic Control Minor	DA	\$ 1,000.00	4.00	\$ 4,000.00
TV Inspection and Jet-Vac Cleaning					
7	CCTV Storm (w/ DVD & Report)	LF	\$ 2.05	1131.00	\$ 2,318.55
Storm Cleaning (less than 25% full)					
12	18" Pipe - Clean less 25% full	LF	\$ 4.60	76.00	\$ 349.60
14	24" Pipe - Clean less than 25% full	LF	\$ 5.25	348.00	\$ 1,827.00
17	42" Pipe - Clean less than 25% full	LF	\$ 7.05	579.00	\$ 4,081.95
18	48" Pipe - Clean less than 25% full	LF	\$ 7.75	99.00	\$ 767.25
Storm Cleaning (25% or greater)					
34	42" Pipe - Clean 25% or greater	LF	\$ 12.00	29.00	\$ 348.00
Flowable Paved Pipe Invert					
123	24"	LF	\$ 32.00	30.00	\$ 960.00
Internal Point Repair					
132	24	LF	\$ 250.00	4.00	\$ 1,000.00
135	42"	LF	\$ 150.00	2.00	\$ 300.00
Misc & Special Structures/Components					
209	Invert Installation, 4' Dia	EA	\$ 255.00	1.00	\$ 255.00
210	Invert Installation, 5' Dia	EA	\$ 350.00	1.00	\$ 350.00
211	Invert Installation, 6' Dia	EA	\$ 375.00	6.00	\$ 2,250.00
213	Uncover Buried JB (4')	EA	\$ 350.00	2.00	\$ 700.00
Grout Connection to Structure					
219	18" Grout Each End to Structure	EA	\$ 165.00	2.00	\$ 330.00
221	24" Grout Each End to Structure	EA	\$ 200.00	6.00	\$ 1,200.00
225	42" Grout Each End to Structure	EA	\$ 250.00	6.00	\$ 1,500.00
226	48" Grout Each End to Structure	EA	\$ 275.00	2.00	\$ 550.00
231	Grout all jnt, crcks & holes	EA	\$ 500.00	5.00	\$ 2,500.00
Lining Requirements					
CIPP (12' or less in depth)					
Includes Pre and Post TV during lining					
234	18" - 8.0mm (.315")	LF	\$ 61.00	76.00	\$ 4,636.00
236	24" - 10.0mm (.3937")	LF	\$ 93.00	348.00	\$ 32,364.00
239	42" - 18.0mm (.7087")	LF	\$ 235.00	608.00	\$ 142,880.00
240	48" - 21.0mm (.8268")	LF	\$ 245.00	99.00	\$ 24,255.00
251	Add Thickness Per 1.5mm -18"	LF	\$ 3.00	76.00	\$ 228.00
253	Add Thickness Per 1.5mm -24"	LF	\$ 3.00	348.00	\$ 1,044.00
256	Add Thickness Per 1.5mm -42"	LF	\$ 7.00	436.00	\$ 3,052.00

257	Add Thickness Per 1.5mm -48"	LF	\$ 8.00	198.00	\$ 1,584.00
Inversion Setup					
266	Inversion Setup Charge 15-36" CIPP	EA	\$ 850.00	3.00	\$ 2,550.00
267	Inversion Setup Charge 42-60" CIPP	EA	\$ 3,500.00	2.00	\$ 7,000.00
Earthwork & Grading					
368	Clear & Grubbing	SY	\$ 9.00	250.00	\$ 2,250.00
369	Channel Excavation	CY	\$ 10.00	20.00	\$ 200.00
371	Haul-In Structural Fill Material	CY	\$ 35.00	10.00	\$ 350.00
373	Finish Grading	SY	\$ 5.00	50.00	\$ 250.00
375	Debris Removal	CY	\$ 50.00	20.00	\$ 1,000.00
Erosion Control					
388	Seed & Straw (Permanent Grassing)	SY	\$ 2.00	250.00	\$ 500.00
392	Sodding Complete - Zoysia	SY	\$ 8.00	50.00	\$ 400.00
394	Topsoil Complete	CY	\$ 30.00	10.00	\$ 300.00
TOTAL ESTIMATE					\$253,155.35
10% CONTINGENCY					\$25,315.54
GRAND TOTAL ESTIMATE					\$278,470.89