

**Greenbelt City Council
WMATA Trail**

Work Session

**November 5, 2018
8:00 p.m.**

**Council Room
Greenbelt Municipal Building
25 Crescent Road**

Agenda

- Introductions
- Council Discussion
- Questions and Answers
- Other Items



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September 19, 2018

To whom it may concern:

Re: **Greenbelt Station WMATA Trail
Site Development Concept # 45493-2018-0**

A Site Development Concept Plan application for the above-referenced project was filed on **09/12/2018** for review to the Prince George's County Department of Permitting, Inspections & Enforcement ("DPIE").

The subject development location is on the east side of WMATA's metrorail green line and on the west side of Indian Creek; from 2500 feet north of the intersection of Greenbelt Station Parkway and Greenbelt Road to the Greenbelt WMATA metrorail station. It is located in Greenbelt, in Prince Georges County, Maryland. The nature of the review is for the construction of a paved pedestrian trail.

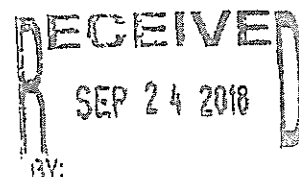
If you wish to obtain more information about the proposed Site Development Concept Plan, please contact me at 301-364-1858 or Steve Snyder (DPIE Engineer) at 301-883-5740.

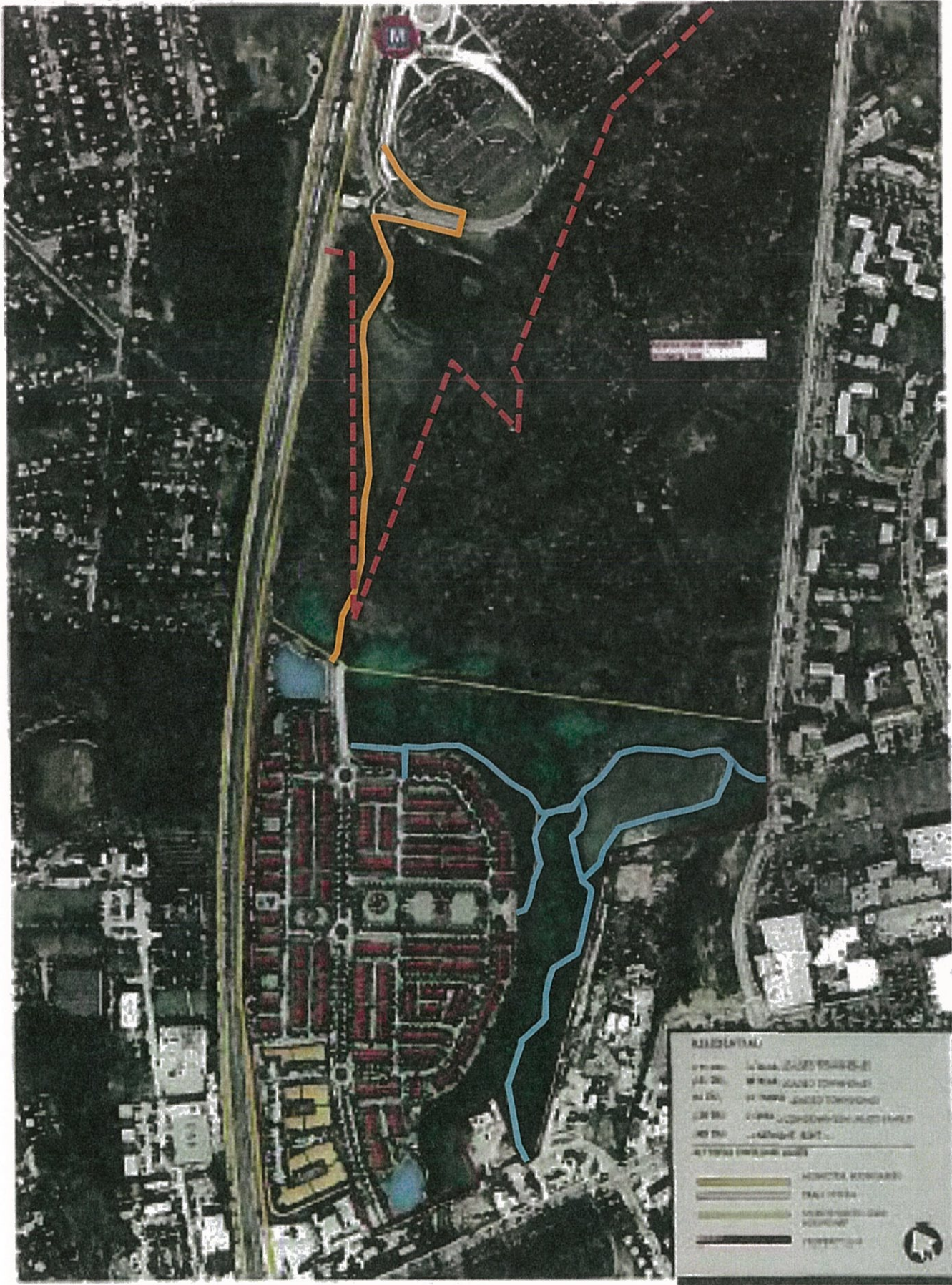
IMPORTANT: This notice is your opportunity to interact with the applicant. Contacting the applicant as soon as possible after receiving this notice will help facilitate your ability to receive information and/or establish a time when the applicant may meet with you or your civic group to provide information and answer questions about the development proposed.

Sincerely,

Bryan Turton, P.E.
Project Manager
Dewberry Engineers Inc

9/24/18
cc Council
T. Hruby





RESIDENTIAL DEVELOPMENT

RESIDENTIAL

- OR 2000 - 10000 SQ FT SINGLE-FAMILY
- OR 2001 - 10000 SQ FT TOWNHOMES
- OR 2002 - 10000 SQ FT TOWNHOMES
- OR 2003 - 10000 SQ FT TOWNHOMES
- OR 2004 - 10000 SQ FT TOWNHOMES

- ALL OTHERS ARE UNCLASSIFIED
- ROADWAY
 - TRAIL
 - UTILITY
 - WATERWAY



WMATA TRAIL COST ESTIMATE

AUGUST 17, 2015

Revised September 26, 2018

DESCRIPTION	QTY	UNIT	UNIT COST	COST	NOTES
Sediment Controls	2,530	LF	\$7.50	\$18,975.00	Estimate (added length of trail on SWM Pond side)
Grade/Backfill	2,030	LF	\$7.50	\$15,225.00	Proposal provided
Asphalt	1,750	SY	\$45.00	\$78,750.00	Proposal provided, increased width to 8.75'
24' Vehicle Turn-around	1	LS	\$32,880.00	\$32,880.00	Estimate (brought up from add-alls below)
Additional asphalt trail at station	382	SY	\$45.00	\$17,200.00	field measured estimate (430LF)
Additional fill/grading	382	CY	\$25.00	\$9,555.56	Average 3' depth of fill between pond and access drive
Additional lighting along added trail	1	LS	\$35,000.00	\$35,000.00	estimate including photometrics
Bus Bay Demolition and Tie in	1	LS	\$25,000.00	\$25,000.00	This is a guesstimate and needs to be quantified.
MOT - Access Lane/PKG Lot	1	LS	\$10,000.00	\$10,000.00	This is a guesstimate and needs to be quantified.
Parking Lot Restoration	1	LS	\$15,000.00	\$15,000.00	This is a guesstimate and needs to be quantified. In order to understand we need feedback from WMATA relative to degree of restoration (patch or mill and overlay)
8' Bridge & Boardwalk - 5 Ton Upgrade - 200'	1	EA	\$240,664.80	\$240,664.80	Proposal provided
Additional 1' height in railings	1	LS	\$5,000.00	\$5,000.00	Estimate. Need updated costs once geometry required to accommodate design vehicle is engineered
ESD/Storm Drain	2,200	LF	\$25.00	\$55,000.00	Estimate
Seed	4,889	SY	\$0.65	\$3,177.78	Estimate
HAWK Signal @ Metro	1	LS	\$85,000.00	\$85,000.00	Assume cost of MD430 signal plus cost of new cabinet
Signage and Pavement Markings	1	LS	\$15,000.00	\$15,000.00	This is a guesstimate and needs to be quantified.
Rumble Strips	1	LS	\$5,000.00	\$5,000.00	This is a guesstimate and needs to be quantified.
Speed Humps	1	LS	\$5,000.00	\$5,000.00	This is a guesstimate and needs to be quantified.
Guardrail along access road	300	LF	\$35.00	\$10,500.00	estimate (WMATA wants a barrier between the trail and the access road)
Traffic Control and Boring under access road	1	LS	\$15,000.00	\$15,000.00	Estimate (for construction of signal, rumble strips, humps)
Extension of Electric and Conduit	1	LS	\$200,000.00	\$200,000.00	This is a guesstimate and will depend on agreement with PEPCO and City.
Electric Service for Signal	1	LS	\$5,000.00	\$5,000.00	Estimate
PEPCO Extension to end of GSP	1	LS	\$11,000.00	\$11,000.00	
Pavement Marking	0	LS	\$5,000.00	\$0.00	Remove as it's a duplicate to above
Lighting	15	EA	\$8,000.00	\$120,000.00	Based on Phase 1 and 2 costs (expect number of lights to increase to meet WMATA standards and cost for poles to increase based on WMATA needs for a thicker pole to house cameras)
Additional lighting in WMATA lot	1	LS	\$25,000.00	\$25,000.00	TBD after photometric. Photometric may require additional field detail not in dewberry costs
Bollard	12	EA	\$500.00	\$6,000.00	Estimate
Trash Receptacle	1	EA	\$2,000.00	\$2,000.00	Cost per Central Park contract
Detailed Trail Signage	1	LS	\$5,000.00	\$5,000.00	estimate
Bench with Paving	2	EA	\$2,500.00	\$5,000.00	Estimate
SWM Pond Fence	150	LF	\$30.00	\$4,500.00	Estimate expect fencing unit cost to increase because of WMATA grounding requirements
Fence along trail at WMATA station	230	LF	\$30.00	\$6,900.00	assume 6' chain link fence
Security	1	LS	\$106,460.00	\$106,460.00	Proposal provided (1)
Security Infrastructure	1	LS	\$60,000.00	\$60,000.00	Estimate
HD Camera Axis Q6000-E	1	LS	\$2,500.00	\$2,500.00	Estimate
Wetland Permit	1	LS	\$4,200.00	\$4,200.00	Proposal provided
WMATA permit fee	1	LS	\$3,500.00	\$3,500.00	per WMATA comments
WMATA Review fee	1	LS	\$50,000.00	\$50,000.00	Fee to be paid now
Additional WMATA fees (construction)	1	LS	\$25,000.00	\$25,000.00	estimate for escorts during construction
Engineering - Dewberry	1	LS	\$201,000.00	\$201,000.00	Proposal provided see D&D R01
Engineering - Traffic & Environmental	1	LS	\$116,400.00	\$116,400.00	Traffic, Environmental, Utility Design see D&D R01
Geotechnical Testing	1	LS	\$20,000.00	\$20,000.00	Estimate
Subtotal	-	-	-	Subtotal: \$1,676,388.13	-
Contingency	1	Allowance	15%	\$248,611.97	15% of subtotal
Total	-	-	TOTAL:	\$1,925,000.10	-
Development Agreement	-	-	EXHIBIT H:	\$517,000.00	-
Delta	-	-	DELTA:	(\$1,408,000.10)	-

ALTERNATIVE ITEMS

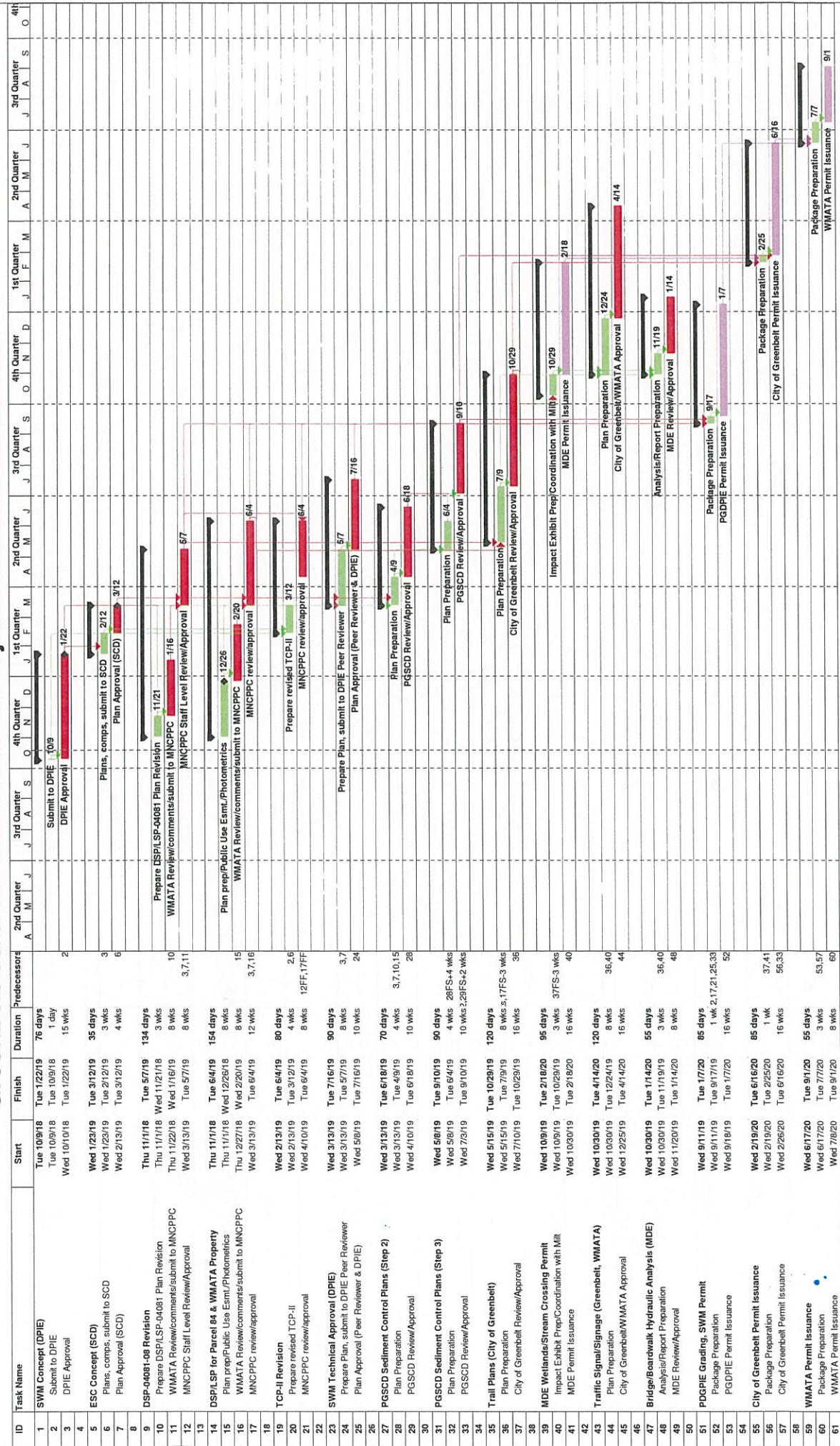
Bridge & Boardwalk - 5,000 lb limit - 200'	1	EA	\$208,332.00	\$208,332.00	Proposal provided but not amended for additional width and loading requirement of 6,500 PSI.
Bridge & Boardwalk - 12,000 lb limit - 200'	1	LF	\$240,664.80	\$240,664.80	Proposal provided
24' Vehicle Turn-around	1	LS	\$32,880.00	\$32,880.00	Estimate
Lighting - LED	15	EA	\$9,500.00	\$142,500.00	Estimate
Bollard - Retractable	12	EA	\$15,000.00	\$180,000.00	Estimate

NOTES

(1) Security cost per SigNet proposal dated 10/21/15. Per the Development Agreement, these costs are to be paid by the City of Greenbelt.

General: Updated per the proposals provided by Signature Bridge dated 8/11/15 and 1/21/16.

Greenbelt Station: WMATA Trail Project Schedule 10/19/2018



Schedules and dates included herein or otherwise communicated to Client are advisory only and cannot be guaranteed. Dewberry cannot be responsible or liable for damages or injuries caused by their use by Client in business plans or otherwise.