

To: Mayor and City Council

From: Brent Walker, Parks and Recreation Director

Date: January 24, 2022

Re: Contract Approval for the Brook Run Park Lighting Project with Georgia Power

Action

Authorize the mayor, city manager, or designee to execute all documents necessary and proper to enter into a contract installing security lighting at Brook Run Park with a not to exceed cost of \$800,000.

Summary

Staff has worked with Georgia Power on installing security lighting at Brook Run Park for Phases II and III, completing all lighting work. The option recommended has a higher upfront cost but decreases the monthly cost and realizes a return on the initial investment in a little over five years.

Details

As part of the Phase I construction project of Brook Run Park, new lighting was installed at the amphitheater, new parking lot, and the multi-use fields. Georgia Power has provided a cost proposal for two additional phases of lighting for the park that would upgrade the existing light poles and provide new poles to areas that are inadequately lit. The poles would match the type installed as part of the Phase I construction project.

After additional conversation with Georgia Power, staff was able to negotiate a lower monthly rate if the city were to install both Phase 2 and 3 at the same time. A notable difference in the updated quote is that there has been a slight rate increase in 2022 and it now includes electrical outlets at each decorative pole and select street lamps. Staff also investigated the potential for bollard lighting along the trail but found that it would be more expensive than the proposed pole lights and would not provide the desired amount of safety lighting along the trailway. An updated cost proposal from Georgia Power is attached to this memorandum.

Charts at the bottom of the memo show the comparison from the previous version. The yellow highlighted area is the discounted rate if Phase 2 and 3 are done as one project.

The original quote had a \$776,000 up front cost and a monthly cost of \$3,746 and did not include the outlets and a slight rate increase for 2022. The updated quote has a \$784,200 up front cost and a monthly cost of \$3,275. A difference of \$471 per month.

\$800,000 has been made available from the CARES II Act fund to cover the up-front cost of equipment and installation. The expected cost for the project is \$784,200.

Recommendation

Authorize the mayor, city manager, or designee to execute all documents necessary and proper to enter into a contract installing security lighting at Brook Run Park with a not to exceed cost of \$800,000.

Georgia Power Quote Year-Over-Year Analysis (Previous Version on Left)

PHASE 2										(downpayment savings)									
\$ down	month	monthly savings	1 year	savings vs \$0 down	net	5 year	savings vs \$0 down	net	10 year	savings vs \$0 down	net	15 year	savings vs \$0 down	net	15 year	savings vs \$0 down	net	15 year	savings vs \$0 down
\$0	\$8,832		\$105,984			\$529,920			\$1,059,840			\$1,589,760			\$1,589,760			\$1,589,760	
\$200,000	\$7,824	\$1,008	\$93,888	\$12,096	-\$187,904	\$469,440	\$60,480	-\$139,520	\$938,880	\$120,960	-\$79,040	\$1,408,320	\$181,440	-\$18,560	\$1,408,320	\$181,440	-\$18,560	\$1,408,320	\$181,440
\$220,000	\$7,776	\$1,056	\$93,312	\$12,672	-\$207,328	\$466,560	\$63,360	-\$156,640	\$933,120	\$126,720	-\$93,280	\$1,399,680	\$190,080	-\$29,920	\$1,399,680	\$190,080	-\$29,920	\$1,399,680	\$190,080
\$329,000	\$4,800	\$4,032	\$57,600	\$48,384	-\$280,616	\$288,000	\$241,920	-\$87,080	\$576,000	\$483,840	\$154,840	\$864,000	\$725,760	\$396,760	\$864,000	\$725,760	\$396,760	\$864,000	\$725,760
\$401,000	\$2,291	\$6,541	\$27,492	\$78,492	-\$322,508	\$137,460	\$392,460	-\$8,540	\$274,920	\$784,920	\$383,920	\$412,380	\$1,177,380	\$776,380	\$412,380	\$1,177,380	\$776,380	\$412,380	\$1,177,380
PHASE 3										(downpayment savings)									
\$ down	month	monthly savings	1 year	savings vs \$0 down	net	5 year	savings vs \$0 down	net	10 year	savings vs \$0 down	net	15 year	savings vs \$0 down	net	15 year	savings vs \$0 down	net	15 year	savings vs \$0 down
\$0	\$5,612		\$67,344			\$336,720			\$673,440			\$1,010,160			\$1,010,160			\$1,010,160	
\$200,000	\$4,941	\$671	\$59,292	\$8,052	-\$191,948	\$296,460	\$40,260	-\$159,740	\$592,920	\$80,520	-\$119,480	\$889,380	\$120,780	-\$79,220	\$889,380	\$120,780	-\$79,220	\$889,380	\$120,780
\$300,000	\$3,050	\$2,562	\$36,600	\$30,744	-\$269,256	\$183,000	\$153,720	-\$146,280	\$366,000	\$307,440	\$7,440	\$549,000	\$461,160	\$161,160	\$549,000	\$461,160	\$161,160	\$549,000	\$461,160
\$375,000	\$1,455	\$4,157	\$17,458	\$49,886	-\$325,114	\$87,291	\$249,429	-\$125,571	\$174,582	\$498,858	\$123,858	\$261,873	\$748,287	\$373,287	\$261,873	\$748,287	\$373,287	\$261,873	\$748,287

PHASE 2										(downpayment savings)									
\$ down	month	monthly savings	1 year	savings vs \$0 down	net	5 year	savings vs \$0 down	net	10 year	savings vs \$0 down	net	15 year	savings vs \$0 down	net	15 year	savings vs \$0 down	net	15 year	savings vs \$0 down
\$0	\$8,832		\$105,984			\$529,920			\$1,059,840			\$1,589,760			\$1,589,760			\$1,589,760	
\$255,000	\$6,450	\$2,382	\$77,400	\$28,584	-\$226,416	\$387,000	\$142,920	-\$112,080	\$774,000	\$285,840	\$30,840	\$1,161,000	\$428,760	\$173,760	\$1,161,000	\$428,760	\$173,760	\$1,161,000	\$428,760
\$366,000	\$4,600	\$4,232	\$55,200	\$50,784	-\$315,216	\$276,000	\$253,920	-\$112,080	\$552,000	\$507,840	\$141,840	\$828,000	\$761,760	\$395,760	\$828,000	\$761,760	\$395,760	\$828,000	\$761,760
\$458,000	\$2,250	\$6,582	\$27,000	\$78,984	-\$379,016	\$135,000	\$394,920	-\$63,080	\$270,000	\$789,840	\$331,840	\$405,000	\$1,184,760	\$726,760	\$405,000	\$1,184,760	\$726,760	\$405,000	\$1,184,760
\$458,000	\$2,000	\$6,832	\$24,000	\$81,984	-\$376,016	\$120,000	\$409,920	-\$48,080	\$240,000	\$819,840	\$361,840	\$360,000	\$1,229,760	\$771,760	\$360,000	\$1,229,760	\$771,760	\$360,000	\$1,229,760
PHASE 3										(downpayment savings)									
\$ down	month	monthly savings	1 year	savings vs \$0 down	net	5 year	savings vs \$0 down	net	10 year	savings vs \$0 down	net	15 year	savings vs \$0 down	net	15 year	savings vs \$0 down	net	15 year	savings vs \$0 down
\$0	\$6,600		\$79,200			\$396,000			\$792,000			\$1,188,000			\$1,188,000			\$1,188,000	
\$256,000	\$4,200	\$2,400	\$50,400	\$28,800	-\$227,200	\$252,000	\$144,000	-\$112,000	\$504,000	\$288,000	\$32,000	\$756,000	\$432,000	\$176,000	\$756,000	\$432,000	\$176,000	\$756,000	\$432,000
\$292,400	\$2,900	\$3,700	\$34,800	\$44,400	-\$248,000	\$174,000	\$222,000	-\$70,400	\$348,000	\$444,000	\$151,600	\$522,000	\$666,000	\$373,600	\$522,000	\$666,000	\$373,600	\$522,000	\$666,000
\$326,200	\$1,450	\$5,150	\$17,400	\$61,800	-\$264,400	\$87,000	\$309,000	-\$17,200	\$174,000	\$618,000	\$291,800	\$261,000	\$927,000	\$600,800	\$261,000	\$927,000	\$600,800	\$261,000	\$927,000
\$326,200	\$1,275	\$5,325	\$15,300	\$63,900	-\$262,300	\$76,500	\$319,500	-\$6,700	\$153,000	\$639,000	\$312,800	\$229,500	\$958,500	\$632,300	\$229,500	\$958,500	\$632,300	\$229,500	\$958,500



January 14, 2022

City of Dunwoody
C/O Brent Walker
4770 N Peachtree Rd
Dunwoody, GA 30338

Subject: Brook Run Park Lighting

Thank you for conducting business with Georgia Power Company. We look forward to servicing all your lighting needs. We are glad to continue our partnership in providing lighting at Brook Run Park. I have attached a photometric design of your property. Here at the details of your site lighting as requested:

Scope of Work:

Phase 2

- 54- 333w Area Fixtures
- 30- 30' Aluminum Poles (with outlets)
- 24- 30' Aluminum Poles
- 42- 100w Post Tops (with outlets)
- 42- 12' Decorative Post Top Poles
- Install all Underground Feed in Conduit
- Install Photocell for Dusk to Dawn Operation

Cost Options

\$8832: total monthly, includes equipment, energy, and maintenance with \$0 down

\$6450: total monthly, includes equipment, energy, and maintenance with \$255k down

\$4600: total monthly, includes equipment, energy, and maintenance with \$366k down

\$2250: total monthly, includes equipment, energy, and maintenance with \$458k down

\$2000: total monthly, includes equipment, energy, and maintenance with \$458k down (Price break Option)

Scope of Work:

Phase 3

- 61- 100w Post Tops
- 61- 12' Decorative Post Top Poles
- Install all Underground Feed in Conduit
- Install Photocell for Dusk to Dawn Operation

Cost Options:

\$6600: total monthly, includes equipment, energy, and maintenance with \$0 down

\$4200: total monthly, includes equipment, energy, and maintenance with \$256k down

\$2900: total monthly, includes equipment, energy, and maintenance with \$292.4k down

\$1450: total monthly, includes equipment, energy, and maintenance with \$326.2k down

\$1275: total monthly, includes equipment, energy, and maintenance with \$326.2k down (Price break Option)

Please confirm which cost option is preferred and I will send you the corresponding contract. Contact me anytime with questions, concerns, or revisions.

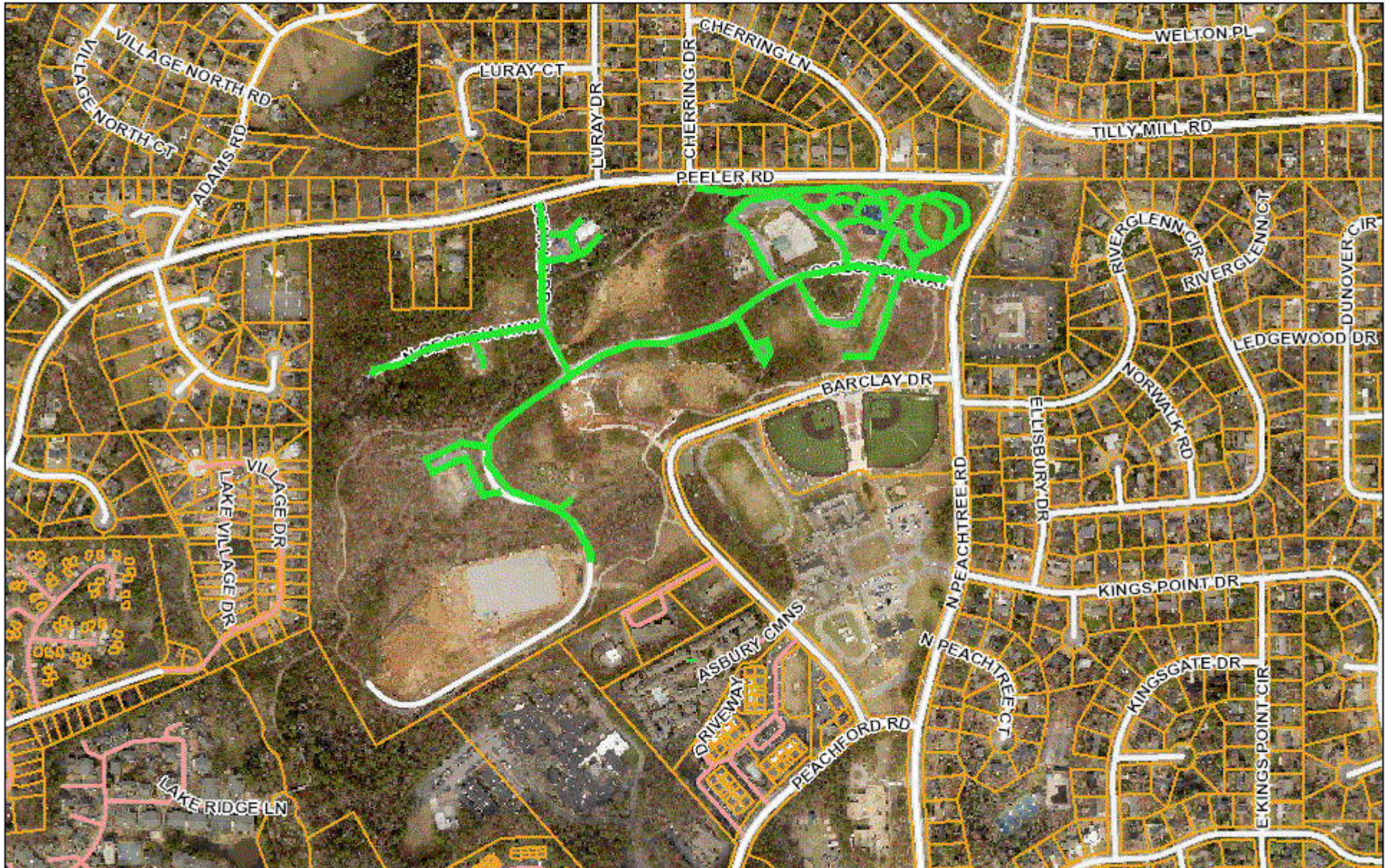
Thanks!

DeAngelo Quarterman

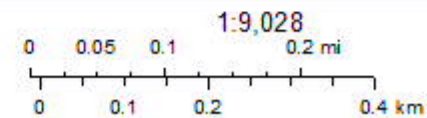
Georgia Power | Lighting Services | Metro Account Executive | mobile: 470.557.1613



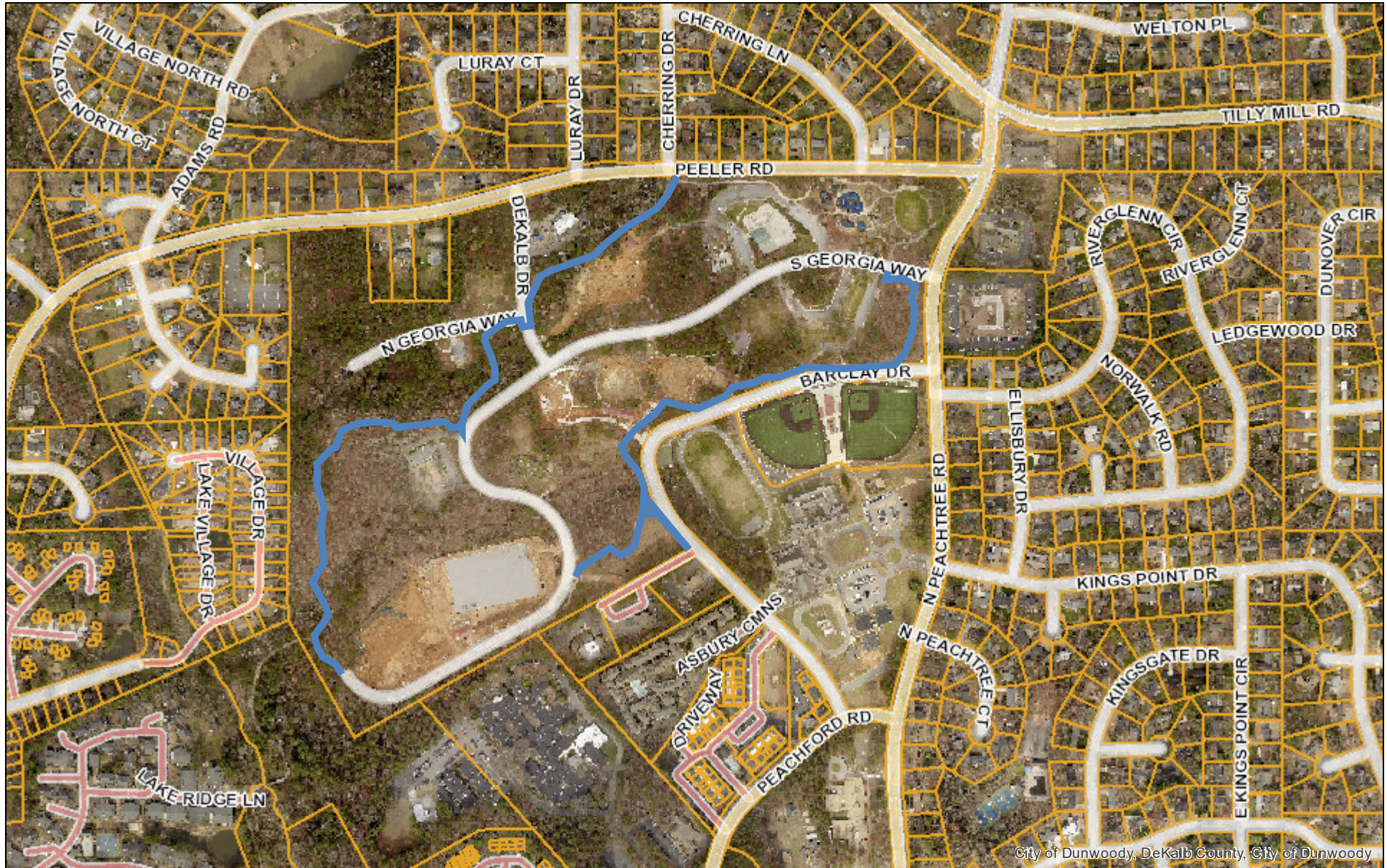
Brook Run Lighting Plan Phase 2



The City of Dunwoody does not warrant the accuracy or currency of the map provided and does not guarantee the suitability of the map for any purpose, expressed or implied.



Packet page:...



The City of Dunwoody does not warrant the accuracy or currency of the map provided and does not guarantee the suitability of the map for any purpose, expressed or implied.

