

Annual Street Resurfacing

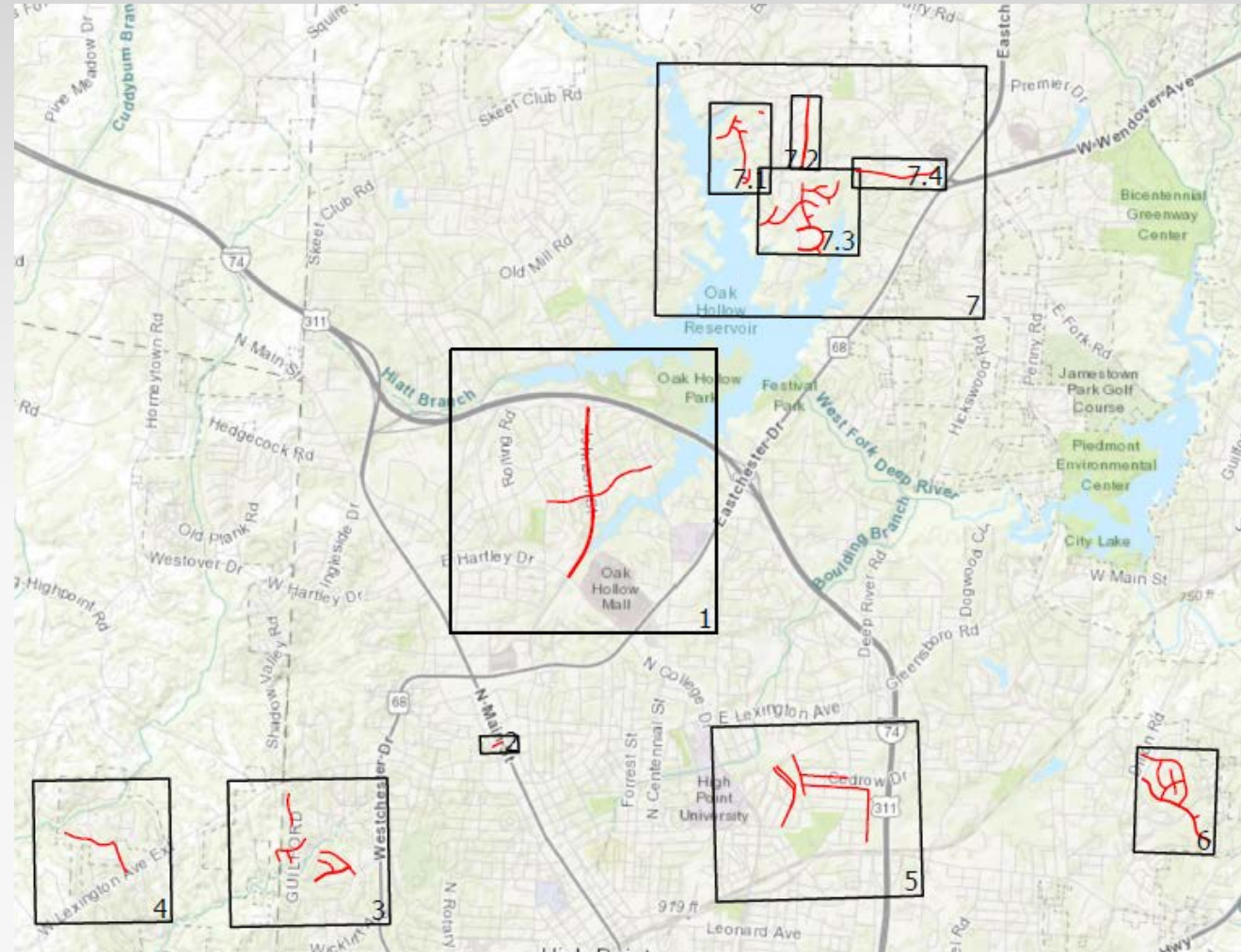
4/13/2022 – P&L Committee Meeting

Resurfacing Talking Points

- Historically resurface 25 – 30 lane miles/year
- Resurfacing funded primarily through Powell Bill (~\$3 mil/yr)
- **Resurfacing cost primarily impacted by fuel cost**
- City maintains 989 lane miles of streets
- Street resurfacing bids opened on 3-16-22
- Current funding is \$3.3 million
- Four companies bid on project
- Engineering estimate was \$3.3 million
- Lowest responsible bid was \$4.6 million

Projected Resurfacing

- Various streets throughout the City
- Engineering estimate was \$118,350/lane mile
- Low bid cost was \$161,555/land mile
- Equates to a 36% increase



Options Review

- Fund additional \$1.3 mil
- Remove streets from current list to reduce cost
- Seek funding from other sources
- Postpone resurfacing until October 2022 Powell Bill disbursement
- Borrow funding and reimburse with October 2022 Powell Bill disbursement
- Defer resurfacing until next year

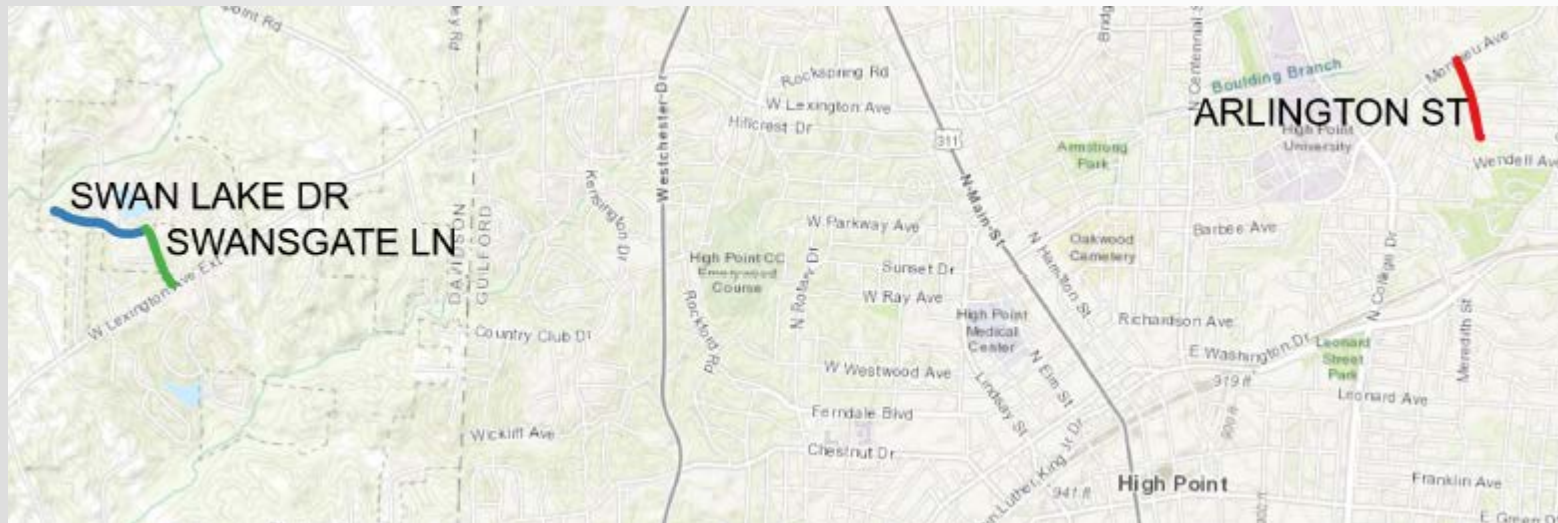
ITEMIZED BID TABULATIONS							
CITY OF HIGH POINT STREETS RESURFACING - BID 15-031622				ENGINEER'S ESTIMATE		SHARPE BROTHERS	
LINE ITEM	DESCRIPTION	UNIT	QUANTITY	UNIT BID PRICE	AMOUNT BID	UNIT BID PRICE	AMOUNT BID
1	MOBILIZATION	LS	1	\$ 45,000.00	\$ 45,000.00	\$ 101,274.30	\$ 101,274.30
2	TRAFFIC CONTROL	LS	1	\$ 42,000.00	\$ 42,000.00	\$ 148,942.47	\$ 148,942.47
3	ASPHALT CONCRETE SURFACE COURSE TYPE S 9.5C	TN	23,800	\$ 55.00	\$ 1,309,000.00	\$ 68.84	\$ 1,638,302.00
4	BITUMINOUS SURFACE TREATMENT, MAT COAT, NO. 78M STONE	SY	122,570	\$ 1.25	\$ 153,212.50	\$ 1.91	\$ 234,108.70
5	ADJUSTMENT OF MANHOLE (RAPID SET)	EA	302	\$ 900.00	\$ 271,800.00	\$ 1,174.53	\$ 354,708.06
6	ADJUSTMENT OF VALVE BOXES (RAPID SET)	EA	198	\$ 900.00	\$ 178,200.00	\$ 1,148.83	\$ 227,052.74
7	MANHOLE RING AND COVER (MATERIAL COST ONLY)	EA	10	\$ 125.00	\$ 1,250.00	\$ 289.10	\$ 2,891.00
8	VALVE BOXES (MATERIAL COST ONLY)	EA	10	\$ 125.00	\$ 1,250.00	\$ 200.80	\$ 2,008.00
9	MILLING ASPHALT PAVEMENT, 0 - 1.5" (PROFILE MILLING)	SY	59,806	\$ 1.80	\$ 95,369.80	\$ 3.36	\$ 200,278.16
10	MILLING ASPHALT PAVEMENT, 2"	SY	78,145	\$ 3.00	\$ 234,435.00	\$ 3.35	\$ 261,785.75
11	INCIDENTAL MILLING, VARIABLE DEPTH	SY	6,478	\$ 5.00	\$ 32,390.00	\$ 16.41	\$ 106,303.98
12	PATCHING EXISTING ASPHALT PAVEMENT	TN	1,391	\$ 158.00	\$ 219,778.00	\$ 230.55	\$ 320,895.05
13	THERMOPLASTIC PAVEMENT MARKING LINES, 4", 90 MILS	LF	46,288	\$ 1.00	\$ 46,288.00	\$ 1.18	\$ 54,619.84
14	THERMOPLASTIC PAVEMENT MARKING LINES, 8", 120 MILS	LF	707	\$ 2.50	\$ 1,767.50	\$ 3.25	\$ 2,297.75
15	THERMOPLASTIC PAVEMENT MARKING LINES, 24", 120 MILS	LF	815	\$ 11.00	\$ 8,965.00	\$ 16.52	\$ 13,463.80
16	THERMOPLASTIC PAVEMENT MARKING SYMBOLS, 90 MILS	EA	55	\$ 125.00	\$ 6,875.00	\$ 118.00	\$ 6,490.00
17	ASPHALT BINDER FOR PLANT MIX	TN	1,190	\$ 515.00	\$ 612,850.00	\$ 684.40	\$ 814,436.00
18	INDUCTIVE DETECTION LOOPS	LF	3,300	\$ 6.15	\$ 20,295.00	\$ 7.97	\$ 26,301.00
19	SHOULDER RECONSTRUCTION	SHM	4.78	\$ 7,500.00	\$ 35,850.00	\$ 6,301.37	\$ 30,120.55
20	DRIVEWAY STONE	TN	32	\$ 80.00	\$ 2,560.00	\$ 150.00	\$ 4,800.00
21	TOWING ALLOWANCE	DOLLAR	5,000	\$ 5,000.00	\$ 5,000.00	\$ 5,000.00	\$ 5,000.00
22	CONTINGENCY	EA	1	\$ 50,000.00	\$ 50,000.00	\$ 50,000.00	\$ 50,000.00
TOTAL BASE BID AMOUNT					\$ 3,374,135.60		\$ 4,605,945.15
ALTERNATE BID (ARLINGTON STREET SPEED HUMPS)							
1	SPEED HUMP	EA	2	\$ 8,500.00	\$ 17,000.00	\$ 11,142.87	\$ 22,285.74
TOTAL BID = BASE BID + ALTERNATE BID AMOUNT					\$ 3,391,135.60		\$ 4,628,230.89

Resurfacing Information

- Powell Bill funding carry-over
- Fuel prices direct impact on resurfacing
 - April 2021 - \$453.64 (liquid asphalt cost/ton)
 - April 2022 - \$667.22 (liquid asphalt cost/ton)
- U.S. Energy Information Administration
 - Forecasting Brent crude oil to fall to \$89/b in 2023

Recommendation

- Negotiate bid for the following:
 - Swans Lake Drive, Swansgate Lane, Arlington Street and Arlington Street speed humps.
- Re-bid remaining 2022 streets and 2023 proposed streets to be completed in Spring 2023
 - Contract will be larger due to additional Powell Bill funding
 - Contract time will be extended to allow ample construction time
- Utilize in-house resurfacing crew for smaller patching jobs throughout 2022



Questions ?