



TOWN OF LYNNFIELD

DEPARTMENT
OF
PUBLIC WORKS

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MEMORANDUM

DATE: June 22, 2020

TO: Brian Charville, Planning Board Co-Chairman,

FROM: Charles L. Richter, P.E., Town Engineer

CC: John Tomasz, Director of Public Works

Marco Tammaro, Developer

RE: Violet Circle Subdivision Surety

The Department of Public Works has compiled an estimate for work needed to construct the Violet Circle subdivision as shown on the definitive plan titled "Definitive Plan, Violet Circle, Lynnfield, Mass." with a date of October 20, 2015 and a final revision date of June 14, 2016. The Department recommends that the original surety be set at \$378,175. To date, the developer has completed work on Violet Circle that totals \$254,750. The remaining monies needed to complete the subdivision and the starting surety balance that the Department is recommending to the Planning Board, including the required 10% contingency, is \$123,425.

VIOLET CIRCLE SUBDIVISION
ORIGINAL BOND ESTIMATE
6/17/2020

I. VIOLET CIRCLE: (396 lf)		Original Bond	Work Completed	
<i>Item</i>		Amount	To Date	New Bond Amount
No.	A. DRAINAGE			
1	30 lf of 12" R.C. drain @ \$90/lf	\$2,700	\$2,700	\$0
2	170 lf of 18" R.C. drain @ \$100/lf	\$17,000	\$17,000	\$0
3	340 lf of 15" perforated PVC @ \$110/lf	\$37,400	\$37,400	\$0
4	4 drain manholes @ \$ 5000/ea.=	\$20,000	\$20,000	\$0
5	2 single catch basin @ \$5000/ea. =	\$10,000	\$9,500	\$500
6	1 double catch basin @ \$ 6000/ea.=	\$5,500	\$5,000	\$500
7	(1)- Outlet control structure	\$5,000	\$5,000	\$0
8	(1) - Stormceptor @ \$12000/ea. =	\$12,000	\$12,000	\$0
9	(3) flared end section with level spreader @\$2000/ea	\$6,000	\$5,500	\$500
10	Stormwater management area RES01=	\$50,000	\$50,000	\$0
11	Rain Garden =	\$4,000	\$0	\$4,000
12	(4) Roof Runoff Recharge System @ \$2000/ea	<u>\$8,000</u>	<u>\$0</u>	<u>\$8,000</u>
	Sub-Total	\$177,600	\$164,100	\$13,500
	B. WATER *	\$0	\$0	\$0
	* WATER TO PROVIDED BY PRIVATE WELLS			
	C. ROAD PREPARATION			
7	Clearing & grubbing, etc. (1.25 +/-Acres)=	\$30,000	\$30,000	\$0
8	General road prep.,grading etc.	\$7,000	\$7,000	\$0
9	635 cyd of road gravel @ \$25/cyds=	<u>\$15,875</u>	<u>\$15,875</u>	<u>\$0</u>
	Sub-Total	\$52,875	\$52,875	\$0
	D. ROAD PAVEMENT, CURBING			
10	(285 lf x 28 lf) + (3.14)(54^2) = 460 tons @ \$85/tn.=	\$39,100	\$23,375	\$15,725
11	150 lf of sloped granite curb @ \$48/lf =	\$7,200	\$0	\$7,200
12	2 Granite Gutter Inlets @ \$600 =	\$1,200	\$0	\$1,200
13	4 Granite Transition Stones @ \$550 =	\$2,200	\$0	\$2,200
14	730 lf of bit. berm @ \$4/lf. =	<u>\$2,920</u>	<u>\$0</u>	<u>\$2,920</u>
	Sub-Total	\$52,620	\$23,375	\$29,245
	E. SIDEWALKS (420 lf. x 4 lf.)			
15	65 cy of select material @ \$25/cy =	\$1,625	\$0	\$1,625
16	40 tons of bit. conc. (3") @ \$130/tn. =	\$5,200	\$0	\$5,200
17	2 Wheelchair ramps @ \$2000/ea.=	\$4,000	\$0	\$4,000
19	400 sy of loam & seed @ \$10/sy. =	<u>\$4,000</u>	<u>\$0</u>	<u>\$4,000</u>
	Sub-Total	\$14,825	\$0	\$14,825
	F. UNDERGROUND UTILITIES, MISC.			
20	500 lf. of underground duct @ \$25/lf. =	\$12,500	\$6,250	\$6,250
21	75 lf. Wooden guardrail @ \$35/lf =	\$2,625	\$0	\$2,625
22	(1)- street signs @ \$150/ea.=	\$150	\$150	\$0
23	(1)-street light control box @ \$1000/ea. =	\$1,000	\$500	\$500
24	(2)- street lights @ \$2,500/ea. =	\$5,000	\$4,000	\$1,000
25	(6)- street trees @ \$600/ea. =	\$3,600	\$0	\$3,600
26	(12)- stone bounds @ \$750/ea. =	\$9,000	\$0	\$9,000
27	Erosion Control	\$4,000	\$1,000	\$3,000
28	As-built plans	<u>\$8,000</u>	<u>\$2,500</u>	<u>\$5,500</u>
	Sub-Total	\$45,875	\$14,400	\$31,475

VIOLET CIRCLE SUBDIVISION

BOND SUMMARY SHEET

June 17, 2020

	Original Bond Amount	Work Completed TO DATE	New Bond Amount
I. Violet Circle			
A. Drainage	\$177,600	\$164,100	\$13,500
B. Water	\$0	\$0	\$0
C. Road Preparation	\$52,875	\$52,875	\$0
D. Road Pavement, Curbing	\$52,620	\$23,375	\$29,245
E. Sidewalks	\$14,825	\$0	\$14,825
F. Underground Utilities, Misc.	<u>\$45,875</u>	<u>\$14,400</u>	<u>\$31,475</u>
Sub-Total	\$343,795	\$254,750	\$89,045
Contingency	<u>\$34,380</u>	<u>\$0</u>	<u>\$34,380</u>
TOTAL	\$378,175	\$254,750	\$123,425