



TOWN OF LYNNFIELD

**DEPARTMENT
OF
PUBLIC WORKS**

**JOHN M. TOMASZ
DIRECTOR**

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TOWN ENGINEER**

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MEMORANDUM

DATE: April 23, 2021
TO: Brian Charville, Planning Board Chairman
FROM: Charles L. Richter, P.E., Town Engineer
CC: John Tomasz, Director of Public Works
Brian Hannon, Developer
RE: Tuttle Lane Surety

The Department of Public Works recommends a surety release for the Tuttle Lane subdivision as shown on the definitive plan dated November 21, 2018 with a final revision date of August 28, 2019. To date the developer has completed the following work on Tuttle Lane: installed all catchbasins, manholes, and drainage pipe; performed significant work on the detention basin; installed all gas and water mains; installed electrical conduit on the street; and has paved the street with binder course bituminous concrete.

The Planning Board is currently holding \$463,353 for DPW related items. The work completed since the last surety release totals \$112,261 and should be deducted from the surety being held. The remaining monies needed to complete the subdivision for DPW related items, including the required 10% contingency, is \$351,092. Attached is a breakdown of the surety estimate. If you have any questions, please feel free to contact me anytime.

TUTTLE LANE SUBDIVISION BOND

April 23, 2021

<i>Item No.</i>	I. TUTTLE LANE.: (806 lf)	Original Bond Amount	Work Completed Previous Requests	Work Completed This Request	New Bond Amount
	A. DRAINAGE				
1	12 lf of 24" R.C. drain @ \$110/lf	\$1,320	\$990	\$330	\$0
2	205 lf of 18" R.C. drain @ \$100/lf	\$20,500	\$15,375	\$5,125	\$0
3	315 lf of 15" R.C. pipe @ \$95/lf	\$29,925	\$22,444	\$7,481	\$0
4	50 lf of 12" R.C. pipe @ \$90/lf	\$4,500	\$3,375	\$1,125	\$0
6	5 double grate catch basins @ \$6000/ea. =	\$30,000	\$25,000	\$0	\$5,000
7	2 drain manholes @ \$5000/ea. =	\$10,000	\$8,000	\$0	\$2,000
8	CDS 2015-4 =	\$9,000	\$8,000	\$0	\$1,000
9	Stormwater management area =	\$60,000	\$20,000	\$0	\$40,000
11	Installation of Swale	\$12,000	\$0	\$0	\$12,000
12	(9) Runoff Recharge Systems	\$27,000	\$0	\$0	\$27,000
	Sub-Total	\$204,245	\$103,184	\$14,061	\$87,000
	B. WATER *	\$0	\$0		\$0
	* TO BE DETERMINED BY LYNNFIELD CENTER WATER DISTRICT				
	C. ROAD PREPARATION				
13	Clearing & grubbing, etc. (2.0 +/-Acres)=	\$45,000	\$45,000	\$0	\$0
14	General road prep.,grading etc.	\$12,000	\$0	\$12,000	\$0
15	1000 cy of road gravel @ \$25/cy=	\$25,000	\$0	\$25,000	\$0
	Sub-Total	\$82,000	\$45,000	\$37,000	\$0
	D. ROAD PAVEMENT, CURBING				
16	Roadway and Cul-de-sac Paving =700 tons @ \$82/tn.=	\$57,400	\$0	\$28,700	\$28,700
17	575 lf of sloped granite curb @ \$48/lf =	\$27,600	\$0	\$0	\$27,600
18	1250 lf of bit. berm @ \$4/lf. =	\$5,000	\$0	\$0	\$5,000
19	5 double catchbasin granite inlets @ \$700/ea.	\$3,500	\$0	\$0	\$3,500
20	10 granite transition stones @ \$550/ea.	\$5,500	\$0	\$0	\$5,500
21	1300 sy of loam & seed @ \$10/sy. =	\$4,550	\$0	\$0	\$4,550
	Sub-Total	\$103,550	\$0	\$28,700	\$74,850
	E. SIDEWALKS (1800 lf x 4 ft)				
22	140 cy of select material @ \$25/cy =	\$3,500	\$0	\$0	\$3,500
23	150 tons of bit. conc. (3") @ \$130/tn =	\$19,500	\$0	\$0	\$19,500
24	4 wheelchair ramps @ \$2000/ea. =	\$8,000	\$0	\$0	\$8,000
	Sub-Total	\$31,000	\$0	\$0	\$31,000
	F. UNDERGROUND UTILITIES, MISC.				
25	750 lf. of underground duct for street lights @ \$20/lf. =	\$15,000	\$0	\$7,500	\$7,500
26	(1)- street light control box @ \$1500/ea. =	\$1,500	\$0	\$0	\$1,500
27	(8)- street lights @ \$2,500/ea. =	\$20,000	\$0	\$0	\$20,000
28	Street and stop sign	\$350	\$0	\$0	\$350
29	Gas main excavation - dig for installation by National Grid	\$10,000	\$0	\$10,000	\$0
30	Electrical excavation - dig for installation by RMLD	\$17,000	\$0	\$10,000	\$7,000
31	(27)- street trees @ \$600/ea. =	\$16,200	\$0	\$0	\$16,200
32	(19)-screening trees @ \$500/ea. =	\$9,500	\$0	\$0	\$9,500
33	(10)- stone bounds @ \$500/ea. =	\$5,000	\$0	\$0	\$5,000
34	75 lf of wooden guardrail @ \$35. lf =	\$2,625	\$0	\$0	\$2,625
35	3000' of silt fence @ \$8/lf =	\$24,000	\$18,000	\$0	\$6,000
36	550 lf of mulch waddle @ \$4/lf =	\$2,200	\$0	\$0	\$2,200
37	Cul-de-sac Plantings	\$10,000	\$0	\$0	\$10,000
38	Tree Protection	\$2,000	\$0	\$0	\$2,000
39	Tracking Pad and Street Sweeping	\$2,500	\$1,500	\$0	\$1,000
40	As-built plans	\$15,000	\$0	\$5,000	\$10,000
	Sub-Total	\$152,875	\$19,500	\$32,500	\$100,875

TUTTLE LANE SUBDIVISION
BOND SUMMARY SHEET

April 23, 2021

	Original Bond Amount	Work Completed Previous Requests	Work Completed This Request	New Bond Amount
I. Tuttle Lane				
A. Drainage	\$204,245	\$103,184	\$14,061	\$87,000
B. Water	\$0	\$0	\$0	\$0
C. Road Preparation	\$82,000	\$45,000	\$37,000	\$0
D. Road Pavement, Curbing	\$103,550	\$0	\$28,700	\$74,850
E. Sidewalks	\$31,000	\$0	\$0	\$31,000
F. Underground Utilities, Misc.	\$152,875	\$19,500	\$32,500	\$100,875
Sub-Total	\$573,670	\$167,684	\$112,261	\$293,725
Contingency	\$57,367	\$0	\$0	\$57,367
TOTAL	\$631,037	\$167,684	\$112,261	\$351,092