

Engineers Opinion of Probable Construction Cost
Values from Means Building Construction Cost Data 2017

PROJECT: Healy Corner
DATE: 10/17/2019
GPR Job # 171088

MassDOT Item #	DESCRIPTION	UNITS	PER	UNIT COST	EXTENDED COST	SUB-TOTAL COST
DRAINAGE						
201.	Catch Basin	8	EA	\$ 3,779.00	\$30,232	
222.	Catch Basin Frame and Grate	9	EA	\$ 852.00	\$7,668	
202.	Drain Manhole	4	EA	\$ 4,289.00	\$17,156	
221.	Drain Manhole Frame and Cover	4	EA	\$ 843.00	\$3,372	
Drainage lines installed class 3 rcp 12" to 6'						
241.12	deep	610	LF	\$ 86.00	\$52,460	
Drainage lines installed class 3 rcp 24" to 6'						
242.24	deep	63	LF	\$ 106.00	\$6,678	
242.24	Flared End Section 24"	1	EA	\$ 1,300.00	\$1,300	
227.3/227.31	Clean Drainage System	1	EA	\$ 1,000.00	\$1,000	
	Sub-Total Cost					\$119,866
WATER						
302.06	6" Water Main	706	LF	\$ 117.00	\$82,602	
350.06	6" Gate Valve	3	EA	\$ 1,976.00	\$5,928	
						(Excludes Possible Replacement)
376.	Hydrants	2	EA	\$ 5,560.00	\$11,120	
22 11 13.25 (1260)	2" Copper Water Service	30	LF	\$ 46.00	\$1,380	
22 05 23.20 (1900)	2" Bronze Gate Valve	1	EA	\$ 445.00	\$445	
22 11 13.74 (7480)	1" PE Water Service (within Dennis Circle)	600	LF	\$ 2.09	\$1,254	
	Sub-Total Cost					\$102,729
ELECTRICAL/TELEPHONE LINES						
801.34	Trenching and installation of conduit (4-2" pvc)	700	LF	\$ 16.00	\$11,200	
Setting transformer pads and handholes						
33 71 19.17 (0600)	(2"x2"x3" Deep)	3	EA	\$ 959.00	\$2,877	
	Sub-Total Cost					\$14,077
ROADWAY (Dennis Circle and Alfred Trail)						
151.01	8" Gravel Borrow	448	CY	\$ 45.18	\$20,241	
156.	4" Crushed Stone	315	TON	\$ 48.66	\$15,328	
472.	2.5" Binder Course	196	TON	\$ 191.10	\$37,456	
472.	1.5" Finish Course	118	TON	\$ 191.10	\$22,550	
504.	Vertical Granite Curbing	830	LF	\$ 42.88	\$35,590	
504.	Sloped Granite Curbing	595	LF	\$ 42.88	\$25,514	
220.	Casting Adjustment for Structures	12	EA	\$ 444.00	\$5,328	
751.	Loam and Seed Right of Way (Dennis Circle)	148	CY	\$ 55.00	\$8,140	
830.1	Signage	10	SF	\$ 25.00	\$250	
874.	Street Signs	2	EA	\$ 100.90	\$202	
	Sub-Total Cost					\$170,396
SIDEWALKS						
151.01	8" Gravel Borrow	92	CY	\$ 45.18	\$4,157	
03 30 53.04 (4700)	Concrete Sidewalks	46	CY	\$ 222.00	\$10,212	
	Sub-Total Cost					\$14,369
COMPLETION						
	Street trees installed	12	EA	\$ 440.00	\$5,280	
	Bounds (granite or concrete)	21	EA	\$ 265.00	\$5,565	
	Iron Rods	12	EA	\$ 30.00	\$360	
	As-built plans	1	EA	\$ 15,000.00	\$15,000	
	Mailboxes Installed (Cluster)	1	EA		\$2,000	
	Cul-de-sac plantings installed	28	EA	\$ 30.00	\$840	
	Snow Removal			\$ 8,000.00	\$8,000	
	Sub-Total Cost					\$37,045
xxx.xx = Mass DOT Standard Numbers						
xx xx xx.xx (xxxx) = RSMeans Data 2017						
Sub-Total Construction Bond						\$ 458,482
Contingency 25%						114,620
Total Amount of Security						\$ 573,102

Rec'd 10/21/19