

**TOWN OF HARWICH
FIVE YEAR ROAD MAINTENANCE PLAN
FY16-FY20**

FY16	\$1,377,903.70
FY17	\$1,445,667.15
FY18	\$1,419,339.75
FY19	\$1,427,487.45
FY20	\$1,422,640.84

FIVE YEAR TOTAL **\$7,093,038.89**

FY16 ROAD MAINTENANCE PLAN

PAVING		\$810,603.70
GILBERT LANE	\$246,352.20	
JULIEN ROAD	\$225,314.50	
OLD WHARF ROAD	\$107,815.10	
DEEP HOLE ROAD	\$231,121.90	
SECONDARY ROAD MAINTENANCE		\$167,300.00
20 ROADS		
MISCELLANEOUS DRAINAGE		\$150,000.00
CRACKSEAL VARIOUS ROADS		\$100,000.00
PAVEMENT MARKING MAINTENANCE		\$50,000.00
DESIGN FUNDS FOR LOWER COUNTY ROAD		\$100,000.00
(ANTICIPATE SEEKING CAPITAL EXCLUSION TO FUND PROJECT)		
	FY16 TOTAL	\$1,377,903.70

GILBERT LANE

PAVING

Lothrop Avenue to Sisson Road	2,820	LF x	22	LF =	6,893	SQ YDS	
FULL DEPTH RECLAIM	6,893	sq yds x	\$1.20	per sq yd =	\$	8,272.00	
ASPHALT - MACHINE PLACED	1,545	tons x	\$93.70	per ton =	\$	144,766.50	
ASPHALT - HANDWORK	120	tons x	\$140.00	per ton =	\$	16,800.00	
DRAINAGE	10	systems x	\$5,800.00	each =	\$	58,000.00	
STRIPING							
DOUBLE YELLOW CENTERLINES	2,820	l.f. x	\$0.70	per l.f. =	\$	1,974.00	
SINGLE WHITE EDGELINES	5,640	l.f. x	\$0.35	per l.f. =	\$	1,974.00	
12" LINES	50	l.f. x	\$1.25	per l.f. =	\$	62.50	
LOAM	150	cu. yd. x	\$15.00	per cu yd =	\$	2,250.00	
HYDROSEED	16,920	sq. ft. x	\$0.11	per sq ft =	\$	1,861.20	
CASTING RISERS	20	x	\$150.00	each =	\$	3,000.00	
POLICE DETAILS	21 details x	8	hours x	\$44.00	per hour =	\$	7,392.00
TOTAL GILBERT LANE						\$	246,352.20

JULIEN ROAD

Route 28 to Dirt Road	2,960	LF x	21	LF =	6,907	SQ YDS	
Dirt Road to End	265	LF x	12	LF =	353	SQ YDS	
MISC. PARTIAL DEPTH PATCHING	250	sq yds x	\$40.00	per sq yd =	\$	10,000.00	
ASPHALT - MACHINE PLACED	1,265	tons x	\$93.70	per ton =	\$	118,530.50	
ASPHALT - MACHINE PLACED	65	tons x	\$93.70	per ton =	\$	6,090.50	
ASPHALT - HANDWORK	120	tons x	\$140.00	per ton =	\$	16,800.00	
DRAINAGE	10	systems x	\$5,800.00	each =	\$	58,000.00	
STRIPING							
DOUBLE YELLOW CENTERLINES	3,225	l.f. x	\$0.70	per l.f. =	\$	2,257.50	
12" LINES	50	l.f. x	\$1.25	per l.f. =	\$	62.50	
LOAM	150	cu. yd. x	\$15.00	per cu yd =	\$	2,250.00	
HYDROSEED	20,850	sq. ft. x	\$0.11	per sq ft =	\$	2,293.50	
CASTING RISERS	25	x	\$150.00	each =	\$	3,750.00	
POLICE DETAILS	15 details x	8	hours x	\$44.00	per hour =	\$	5,280.00
TOTAL JULIEN ROAD						\$	225,314.50

PAVING

OLD WHARF ROAD

Julien Road to End	1,421	LF x	20	LF =	3,158	SQ YDS	
MISC. PARTIAL DEPTH PATCHING	150	sq yds x	\$40.00	per sq yd =	\$	6,000.00	
ASPHALT - MACHINE PLACED	550	tons x	\$93.70	per ton =	\$	51,535.00	
ASPHALT - HANDWORK	45	tons x	\$140.00	per ton =	\$	6,300.00	
DRAINAGE	6	systems x	\$5,800.00	each =	\$	34,800.00	
STRIPING							
DOUBLE YELLOW CENTERLINES	1,421	l.f. x	\$0.70	per l.f. =	\$	994.70	
SINGLE WHITE EDGELINES	2,842	l.f. x	\$0.35	per l.f. =	\$	994.70	
12" LINES	50	l.f. x	\$1.25	per l.f. =	\$	62.50	
LOAM	75	cu. yd. x	\$15.00	per cu yd =	\$	1,125.00	
HYDROSEED	8,520	sq. ft. x	\$0.11	per sq ft =	\$	937.20	
CASTING RISERS	15	x	\$150.00	each =	\$	2,250.00	
POLICE DETAILS	8 details x	8	hours x	\$44.00	per hour =	\$	2,816.00

TOTAL OLD WHARF ROAD \$ 107,815.10

DEEP HOLE ROAD

Old County Road to End	3,590	LF x	22	LF =	8,776	SQ YDS	
MISC. PARTIAL DEPTH PATCHING	350	sq yds x	\$40.00	per sq yd =	\$	14,000.00	
ASPHALT - MACHINE PLACED	1,475	tons x	\$93.70	per ton =	\$	138,207.50	
ASPHALT - HANDWORK	110	tons x	\$140.00	per ton =	\$	15,400.00	
DRAINAGE	8	systems x	\$5,800.00	each =	\$	46,400.00	
STRIPING							
DOUBLE YELLOW CENTERLINES	3,590	l.f. x	\$0.70	per l.f. =	\$	2,513.00	
12" LINES	120	l.f. x	\$1.25	per l.f. =	\$	150.00	
LOAM	150	cu. yd. x	\$15.00	per cu yd =	\$	2,250.00	
HYDROSEED	21,540	sq. ft. x	\$0.11	per sq ft =	\$	2,369.40	
CASTING RISERS	28	x	\$150.00	each =	\$	4,200.00	
POLICE DETAILS	16 details x	8	hours x	\$44.00	per hour =	\$	5,632.00

TOTAL DEEP HOLE ROAD \$ 231,121.90

FY16 SECONDARY ROAD MAINTENANCE - 10% RUBBER CHIP SEAL

20 ROADS

MOHAWK LANE	1,620 sq. yd.	x	\$3.45	per sq. yd.	=	\$5,589.00
WALTON ROAD	2,648 sq. yd.	x	\$3.45	per sq. yd.	=	\$9,135.60
CAPTAINS LANE	758 sq. yd.	x	\$3.45	per sq. yd.	=	\$2,615.10
RANEO WAY	525 sq. yd.	x	\$3.45	per sq. yd.	=	\$1,811.25
CORNERWOOD DRIVE	4,256 sq. yd.	x	\$3.45	per sq. yd.	=	\$14,683.20
PASTURE LANE	1,202 sq. yd.	x	\$3.45	per sq. yd.	=	\$4,146.90
CRANBERRY LANE	2,044 sq. yd.	x	\$3.45	per sq. yd.	=	\$7,051.80
DALE ROAD	700 sq. yd.	x	\$3.45	per sq. yd.	=	\$2,415.00
SHANNON ROAD	1,867 sq. yd.	x	\$3.45	per sq. yd.	=	\$6,441.15
TODY BOLE LANE	2,275 sq. yd.	x	\$3.45	per sq. yd.	=	\$7,848.75
BERIAH BROOKS ROAD	2,173 sq. yd.	x	\$3.45	per sq. yd.	=	\$7,496.85
LARKIN LANE	1,467 sq. yd.	x	\$3.45	per sq. yd.	=	\$5,061.15
OLD MILL LANE	1,545 sq. yd.	x	\$3.45	per sq. yd.	=	\$5,330.25
ISLAND POND ROAD	864 sq. yd.	x	\$3.45	per sq. yd.	=	\$2,980.80
LEXINGTON DRIVE	1,076 sq. yd.	x	\$3.45	per sq. yd.	=	\$3,712.20
CONCORD DRIVE	956 sq. yd.	x	\$3.45	per sq. yd.	=	\$3,298.20
WHIP-O-WILL LANE	1,635 sq. yd.	x	\$3.45	per sq. yd.	=	\$5,640.75
BETTYS LANE	2,452 sq. yd.	x	\$3.45	per sq. yd.	=	\$8,459.40
WISDOM WAY	2,935 sq. yd.	x	\$3.45	per sq. yd.	=	\$10,125.75
CARRIAGE LANE	1,002 sq. yd.	x	\$3.45	per sq. yd.	=	\$3,456.90
MISCELLANEOUS PARTIAL DEPTH PATCHING	1,250 sq. yd.	x	\$40.00	per sq. yd.	=	<u>\$50,000.00</u>

TOTAL SECONDARY ROAD MAINTENANCE \$167,300.00

FY17 ROAD MAINTENANCE PLAN

PAVING		\$855,174.70
DEPOT ROAD WEST	\$259,367.00	
EARLE ROAD	\$212,377.90	
CHATHAM ROAD	\$383,429.80	
SECONDARY ROAD MAINTENANCE		\$190,492.45
24 ROADS		
MISCELLANEOUS DRAINAGE		\$150,000.00
CRACKSEAL VARIOUS ROADS		\$100,000.00
PAVEMENT MARKING MAINTENANCE		\$50,000.00
DESIGN FUNDS FOR LOWER COUNTY ROAD		\$100,000.00
(ANTICIPATE SEEKING CAPITAL EXCLUSION TO FUND PROJECT)		
	FY17 TOTAL	\$1,445,667.15

DEPOT ROAD WEST

PAVING

Route 28 to Dennis Town Line	3,700	LF x	22	LF =	9,044	SQ YDS	
MISC. PARTIAL DEPTH PATCHING	400	sq yds x	\$40.00	per sq yd =	\$	16,000.00	
ASPHALT - MACHINE PLACED	1,525	tons x	\$93.70	per ton =	\$	142,892.50	
ASPHALT - HANDWORK	150	tons x	\$140.00	per ton =	\$	21,000.00	
DRAINAGE	10	systems x	\$5,800.00	each =	\$	58,000.00	
STRIPING							
DOUBLE YELLOW CENTERLINES	3,700	l.f. x	\$0.70	per l.f. =	\$	2,590.00	
SINGLE WHITE EDGELINES	7,400	l.f. x	\$0.35	per l.f. =	\$	2,590.00	
12" LINES	50	l.f. x	\$1.25	per l.f. =	\$	62.50	
LOAM	200	cu. yd. x	\$15.00	per cu yd =	\$	3,000.00	
HYDROSEED	22,200	sq. ft. x	\$0.11	per sq ft =	\$	2,442.00	
CASTING RISERS	25	x	\$150.00	each =	\$	3,750.00	
POLICE DETAILS	20 details x	8	hours x	\$44.00	per hour =	\$ 7,040.00	

TOTAL DEPOT ROAD WEST \$ 259,367.00

EARLE ROAD

Route 28 to Beach Parking Lot	2,590	LF x	22	LF =	6,331	SQ YDS	
MISC. PARTIAL DEPTH PATCHING	150	sq yds x	\$40.00	per sq yd =	\$	6,000.00	
ASPHALT - MACHINE PLACED	1,075	tons x	\$93.70	per ton =	\$	100,727.50	
ASPHALT - HANDWORK	120	tons x	\$140.00	per ton =	\$	16,800.00	
DRAINAGE	12	systems x	\$5,800.00	each =	\$	69,600.00	
STRIPING							
DOUBLE YELLOW CENTERLINES	2,590	l.f. x	\$0.70	per l.f. =	\$	1,813.00	
SINGLE WHITE EDGELINES	5,180	l.f. x	\$0.35	per l.f. =	\$	1,813.00	
12" LINES	100	l.f. x	\$1.25	per l.f. =	\$	125.00	
LOAM	150	cu. yd. x	\$15.00	per cu yd =	\$	2,250.00	
HYDROSEED	15,540	sq. ft. x	\$0.11	per sq ft =	\$	1,709.40	
CASTING RISERS	30	x	\$150.00	each =	\$	4,500.00	
POLICE DETAILS	20 details x	8	hours x	\$44.00	per hour =	\$ 7,040.00	

TOTAL EARLE ROAD \$ 212,377.90

FY17 SECONDARY ROAD MAINTENANCE - 10% RUBBER CHIP SEAL

24 ROADS

WYNDEMERE ROAD	990 sq. yd.	x	\$3.45	per sq. yd.	=	\$3,415.50
LINCOLN VILLAGE ROAD	2,094 sq. yd.	x	\$3.45	per sq. yd.	=	\$7,224.30
DOANE WAY	1,740 sq. yd.	x	\$3.45	per sq. yd.	=	\$6,003.00
KILDEE ROAD	2,290 sq. yd.	x	\$3.45	per sq. yd.	=	\$7,900.50
WEQUASSET ROAD	3,170 sq. yd.	x	\$3.45	per sq. yd.	=	\$10,936.50
MIRASOL LANE	2,216 sq. yd.	x	\$3.45	per sq. yd.	=	\$7,645.20
ARCHIBALD CIRCLE	5,220 sq. yd.	x	\$3.45	per sq. yd.	=	\$18,009.00
VICTORY DRIVE	1,756 sq. yd.	x	\$3.45	per sq. yd.	=	\$6,058.20
SUNSET ROAD	898 sq. yd.	x	\$3.45	per sq. yd.	=	\$3,098.10
PATRICIA LANE	3,515 sq. yd.	x	\$3.45	per sq. yd.	=	\$12,126.75
LOUIS WAY	1,325 sq. yd.	x	\$3.45	per sq. yd.	=	\$4,571.25
BASSETTS LANE	1,995 sq. yd.	x	\$3.45	per sq. yd.	=	\$6,882.75
MANDERVILLE ROAD	1,330 sq. yd.	x	\$3.45	per sq. yd.	=	\$4,588.50
OSBORNE ROAD	1,376 sq. yd.	x	\$3.45	per sq. yd.	=	\$4,747.20
CLIFFORD PLACE	766 sq. yd.	x	\$3.45	per sq. yd.	=	\$2,642.70
SHAGGY PINES ROAD	1,425 sq. yd.	x	\$3.45	per sq. yd.	=	\$4,916.25
HALL AVENUE	2,405 sq. yd.	x	\$3.45	per sq. yd.	=	\$8,297.25
CAROL LANE	960 sq. yd.	x	\$3.45	per sq. yd.	=	\$3,312.00
HAMILTON PLACE	1,055 sq. yd.	x	\$3.45	per sq. yd.	=	\$3,639.75
WAYSIDE DRIVE	1,535 sq. yd.	x	\$3.45	per sq. yd.	=	\$5,295.75
NEVINS LANE	900 sq. yd.	x	\$3.45	per sq. yd.	=	\$3,105.00
ARBUTUS AVENUE	1,530 sq. yd.	x	\$3.45	per sq. yd.	=	\$5,278.50
HARBOR WAY	1,055 sq. yd.	x	\$3.45	per sq. yd.	=	\$3,639.75
GORDON RITCHIE ROAD	2,075 sq. yd.	x	\$3.45	per sq. yd.	=	\$7,158.75
MISCELLANEOUS PARTIAL DEPTH PATCHING						
	1,000 sq. yd.	x	\$40.00	per sq. yd.	=	<u>\$40,000.00</u>

TOTAL SECONDARY ROAD MAINTENANCE \$190,492.45

FY18 ROAD MAINTENANCE PLAN

PAVING		\$923,033.50
FACTORY ROAD	\$180,680.50	
NORTH WESTGATE ROAD	\$256,767.50	
BOG LANE	\$179,456.10	
RIVERSIDE DRIVE	\$306,129.40	
SECONDARY ROAD MAINTENANCE		\$196,306.25
18 ROADS		
MISCELLANEOUS DRAINAGE		\$150,000.00
CRACKSEAL VARIOUS ROADS		\$100,000.00
PAVEMENT MARKING MAINTENANCE		\$50,000.00
	FY18 TOTAL	\$1,419,339.75

FACTORY ROAD

PAVING

Depot Street to End	2,825	LF x	22	LF =	6,906	SQ YDS	
MISC. PARTIAL DEPTH PATCHING	250	sq yds x	\$40.00	per sq yd =	\$	10,000.00	
ASPHALT - MACHINE PLACED	1,160	tons x	\$93.70	per ton =	\$	108,692.00	
ASPHALT - HANDWORK	40	tons x	\$140.00	per ton =	\$	5,600.00	
DRAINAGE	8	systems x	\$5,800.00	each =	\$	46,400.00	
LOAM	80	cu. yd. x	\$15.00	per cu yd =	\$	1,200.00	
HYDROSEED	16,950	sq. ft. x	\$0.11	per sq ft =	\$	1,864.50	
CASTING RISERS	18	x	\$150.00	each =	\$	2,700.00	
POLICE DETAILS	12 details x	8	hours x	\$44.00	per hour =	\$	4,224.00
TOTAL FACTORY ROAD						\$ 180,680.50	

NORTH WESTGATE ROAD

Factory Road to Brewster Town Line	3,875	LF x	22	LF =	9,472	SQ YDS	
MISC. PARTIAL DEPTH PATCHING	250	sq yds x	\$40.00	per sq yd =	\$	10,000.00	
ASPHALT - MACHINE PLACED	1,600	tons x	\$93.70	per ton =	\$	149,920.00	
ASPHALT - HANDWORK	80	tons x	\$140.00	per ton =	\$	11,200.00	
DRAINAGE	12	systems x	\$5,800.00	each =	\$	69,600.00	
LOAM	150	cu. yd. x	\$15.00	per cu yd =	\$	2,250.00	
HYDROSEED	23,250	sq. ft. x	\$0.11	per sq ft =	\$	2,557.50	
CASTING RISERS	28	x	\$150.00	each =	\$	4,200.00	
POLICE DETAILS	20 details x	8	hours x	\$44.00	per hour =	\$	7,040.00
TOTAL NORTH WESTGATE						\$ 256,767.50	

BOG LANE**PAVING**

Depot Street to End	2,585	LF x	22	LF =	6,319	SQ YDS
MISC. PARTIAL DEPTH PATCHING	200	sq yds x	\$40.00	per sq yd =	\$	8,000.00
ASPHALT - MACHINE PLACED	1,100	tons x	\$93.70	per ton =	\$	103,070.00
ASPHALT - HANDWORK	75	tons x	\$140.00	per ton =	\$	10,500.00
DRAINAGE	8	systems x	\$5,800.00	each =	\$	46,400.00
LOAM	100	cu. yd. x	\$15.00	per cu yd =	\$	1,500.00
HYDROSEED	15,510	sq. ft. x	\$0.11	per sq ft =	\$	1,706.10
CASTING RISERS	20	x	\$150.00	each =	\$	3,000.00
POLICE DETAILS	15 details x	8	hours x	\$44.00	per hour =	\$ 5,280.00
TOTAL BOG LANE						\$ 179,456.10

RIVERSIDE DRIVE

Route 28 to Harbor Way	4,115	LF x	22	LF =	10,059	SQ YDS
MISC. PARTIAL DEPTH PATCHING	300	sq yds x	\$40.00	per sq yd =	\$	12,000.00
ASPHALT - MACHINE PLACED	1,700	tons x	\$93.70	per ton =	\$	159,290.00
ASPHALT - HANDWORK	200	tons x	\$140.00	per ton =	\$	28,000.00
DRAINAGE	14	systems x	\$5,800.00	each =	\$	81,200.00
STRIPING						
DOUBLE YELLOW CENTERLINES	4,115	l.f. x	\$0.70	per l.f. =	\$	2,880.50
SINGLE WHITE EDGELINES	8,230	l.f. x	\$0.35	per l.f. =	\$	2,880.50
12" LINES	150	l.f. x	\$1.25	per l.f. =	\$	187.50
LOAM	225	cu. yd. x	\$15.00	per cu yd =	\$	3,375.00
HYDROSEED	24,690	sq. ft. x	\$0.11	per sq ft =	\$	2,715.90
CASTING RISERS	32	x	\$150.00	each =	\$	4,800.00
POLICE DETAILS	25 details x	8	hours x	\$44.00	per hour =	\$ 8,800.00
TOTAL RIVERSIDE DRIVE						\$ 306,129.40

FY18 SECONDARY ROAD MAINTENANCE - 10% RUBBER CHIP SEAL

18 ROADS

PRINCE CHARLES DRIVE	2,540 sq. yd.	x	\$3.45	per sq. yd.	=	\$8,763.00
BLACK LOCH DRIVE	1,460 sq. yd.	x	\$3.45	per sq. yd.	=	\$5,037.00
SEQUATTOM ROAD	4,250 sq. yd.	x	\$3.45	per sq. yd.	=	\$14,662.50
COURTNEY ROAD	4,650 sq. yd.	x	\$3.45	per sq. yd.	=	\$16,042.50
KETTLE POND DRIVE	1,775 sq. yd.	x	\$3.45	per sq. yd.	=	\$6,123.75
PLEASANT BAY ROAD EXT.	2,190 sq. yd.	x	\$3.45	per sq. yd.	=	\$7,555.50
HALLMARK LANE	2,260 sq. yd.	x	\$3.45	per sq. yd.	=	\$7,797.00
WALKERWOODS DRIVE	3,250 sq. yd.	x	\$3.45	per sq. yd.	=	\$11,212.50
OLDE HOMESTEAD WAY	4,240 sq. yd.	x	\$3.45	per sq. yd.	=	\$14,628.00
CHESTNUT LANE	2,685 sq. yd.	x	\$3.45	per sq. yd.	=	\$9,263.25
MAPLE LANE	3,515 sq. yd.	x	\$3.45	per sq. yd.	=	\$12,126.75
ELM DRIVE	2,630 sq. yd.	x	\$3.45	per sq. yd.	=	\$9,073.50
CHARLENE LANE	1,945 sq. yd.	x	\$3.45	per sq. yd.	=	\$6,710.25
VICTORIA ROAD	1,510 sq. yd.	x	\$3.45	per sq. yd.	=	\$5,209.50
MCGUERTY ROAD (Town Section)	450 sq. yd.	x	\$3.45	per sq. yd.	=	\$1,552.50
CONNECTICUT AVENUE	2,020 sq. yd.	x	\$3.45	per sq. yd.	=	\$6,969.00
EVELYN'S DRIVE	1,670 sq. yd.	x	\$3.45	per sq. yd.	=	\$5,761.50
CEMETERY ROAD (Rt 137-Church St)	4,585 sq. yd.	x	\$3.45	per sq. yd.	=	\$15,818.25
MISCELLANEOUS PARTIAL DEPTH PATCHING						
	800 sq. yd.	x	\$40.00	per sq. yd.	=	<u>\$32,000.00</u>

TOTAL SECONDARY ROAD MAINTENANCE \$196,306.25

FY19 ROAD MAINTENANCE PLAN

PAVING		\$803,631.45
NEEL ROAD	\$222,126.50	
SOU'WEST DRIVE	\$120,587.00	
NOR'EAST DRIVE	\$142,317.10	
CEMETERY ROAD	\$112,231.10	
DOANE ROAD	\$206,369.75	
SECONDARY ROAD MAINTENANCE		\$323,856.00
28 ROADS		
MISCELLANEOUS DRAINAGE		\$150,000.00
CRACKSEAL VARIOUS ROADS		\$100,000.00
PAVEMENT MARKING MAINTENANCE		\$50,000.00
	FY19 TOTAL	\$1,427,487.45

PAVING

NEEL ROAD

Route 28 to End	3,700	LF x	22	LF =	9,044	SQ YDS	
MISC. PARTIAL DEPTH PATCHING	150	sq yds x	\$40.00	per sq yd =		\$	6,000.00
ASPHALT - MACHINE PLACED	1,500	tons x	\$93.70	per ton =		\$	140,550.00
ASPHALT - HANDWORK	90	tons x	\$140.00	per ton =		\$	12,600.00
DRAINAGE	8	systems x	\$5,800.00	each =		\$	46,400.00
STRIPING							
DOUBLE YELLOW CENTERLINES	3,700	l.f. x	\$0.70	per l.f. =		\$	2,590.00
12" LINES	50	l.f. x	\$1.25	per l.f. =		\$	62.50
LOAM	150	cu. yd. x	\$15.00	per cu yd =		\$	2,250.00
HYDROSEED	22,200	sq. ft. x	\$0.11	per sq ft =		\$	2,442.00
CASTING RISERS	24	x	\$150.00	each =		\$	3,600.00
POLICE DETAILS	16 details x	8	hours x	\$44.00	per hour =		\$ 5,632.00
TOTAL NEEL ROAD						\$	222,126.50

SOU'WEST DRIVE

Route 137 to Nor'East Drive	1,825	LF x	24	LF =	4,867	SQ YDS	
MISC. PARTIAL DEPTH PATCHING	200	sq yds x	\$40.00	per sq yd =		\$	8,000.00
ASPHALT - MACHINE PLACED	425	tons x	\$93.70	per ton =		\$	39,822.50
ASPHALT - HANDWORK	50	tons x	\$140.00	per ton =		\$	7,000.00
DRAINAGE	10	systems x	\$5,800.00	each =		\$	58,000.00
LOAM	100	cu. yd. x	\$15.00	per cu yd =		\$	1,500.00
HYDROSEED	10,950	sq. ft. x	\$0.11	per sq ft =		\$	1,204.50
CASTING RISERS	22	x	\$150.00	each =		\$	3,300.00
POLICE DETAILS	5 details x	8	hours x	\$44.00	per hour =		\$ 1,760.00
TOTAL SOU'WEST DRIVE						\$	120,587.00

PAVING

NOR'EAST DRIVE

Sou'West Drive to Church Street	2,410	LF x	24	LF =	6,427	SQ YDS	
MISC. PARTIAL DEPTH PATCHING	200	sq yds x	\$40.00	per sq yd =		\$	8,000.00
ASPHALT - MACHINE PLACED	545	tons x	\$93.70	per ton =		\$	51,066.50
ASPHALT - HANDWORK	120	tons x	\$140.00	per ton =		\$	16,800.00
DRAINAGE	10	systems x	\$5,800.00	each =		\$	58,000.00
LOAM	120	cu. yd. x	\$15.00	per cu yd =		\$	1,800.00
HYDROSEED	14,460	sq. ft. x	\$0.11	per sq ft =		\$	1,590.60
CASTING RISERS	22	x	\$150.00	each =		\$	3,300.00
POLICE DETAILS	5 details x	8	hours x	\$44.00	per hour =		\$ 1,760.00
TOTAL NOR'EAST DRIVE							\$ 142,317.10

CEMETERY ROAD

Queen Anne Road to Route 137	1,140	LF x	22	LF =	2,787	SQ YDS	
MISC. PARTIAL DEPTH PATCHING	150	sq yds x	\$40.00	per sq yd =		\$	6,000.00
ASPHALT - MACHINE PLACED	600	tons x	\$93.70	per ton =		\$	56,220.00
ASPHALT - HANDWORK	40	tons x	\$140.00	per ton =		\$	5,600.00
DRAINAGE	6	systems x	\$5,800.00	each =		\$	34,800.00
STRIPING							
DOUBLE YELLOW CENTERLINES	1,140	l.f. x	\$0.70	per l.f. =		\$	798.00
SINGLE WHITE EDGELINES	2,280	l.f. x	\$0.35	per l.f. =		\$	798.00
12" LINES	50	l.f. x	\$1.25	per l.f. =		\$	62.50
LOAM	60	cu. yd. x	\$15.00	per cu yd =		\$	900.00
HYDROSEED	8,460	sq. ft. x	\$0.11	per sq ft =		\$	930.60
CASTING RISERS	15	x	\$150.00	each =		\$	2,250.00
POLICE DETAILS	11 details x	8	hours x	\$44.00	per hour =		\$ 3,872.00
TOTAL CEMETERY ROAD							\$ 112,231.10

PAVING

DOANE ROAD

South Street to Route 28	2,800	LF x	22	LF =	6,844	SQ YDS	
MISC. PARTIAL DEPTH PATCHING	400	sq yds x	\$40.00	per sq yd =	\$	16,000.00	
ASPHALT - MACHINE PLACED	1,150	tons x	\$93.70	per ton =	\$	107,755.00	
ASPHALT - HANDWORK	150	tons x	\$140.00	per ton =	\$	21,000.00	
DRAINAGE	8	systems x	\$5,800.00	each =	\$	46,400.00	
STRIPING							
DOUBLE YELLOW CENTERLINES	2,800	l.f. x	\$0.70	per l.f. =	\$	1,960.00	
SINGLE WHITE EDGELINES	5,600	l.f. x	\$0.35	per l.f. =	\$	1,960.00	
12" LINES	75	l.f. x	\$1.25	per l.f. =	\$	93.75	
LOAM	135	cu. yd. x	\$15.00	per cu yd =	\$	2,025.00	
HYDROSEED	16,800	sq. ft. x	\$0.11	per sq ft =	\$	1,848.00	
CASTING RISERS	16	x	\$150.00	each =	\$	2,400.00	
POLICE DETAILS	14 details x	8	hours x	\$44.00	per hour =	\$	4,928.00
TOTAL DOANE ROAD						\$ 206,369.75	

FY19 SECONDARY ROAD MAINTENANCE - 10% RUBBER CHIP SEAL

28 ROADS

SCOTLIN WAY	3,000 sq. yd.	x	\$3.45	per sq. yd.	=	\$10,350.00
CHRISTOPHER WAY	4,310 sq. yd.	x	\$3.45	per sq. yd.	=	\$14,869.50
PHILIP COURT	525 sq. yd.	x	\$3.45	per sq. yd.	=	\$1,811.25
CAPT. PHILLIPS ROAD	2,000 sq. yd.	x	\$3.45	per sq. yd.	=	\$6,900.00
BLUE HERON LANDING	6,675 sq. yd.	x	\$3.45	per sq. yd.	=	\$23,028.75
MALLARD LANE	880 sq. yd.	x	\$3.45	per sq. yd.	=	\$3,036.00
OSPREY LANE	1,410 sq. yd.	x	\$3.45	per sq. yd.	=	\$4,864.50
HARDEN LANE	1,275 sq. yd.	x	\$3.45	per sq. yd.	=	\$4,398.75
SPRUCE ROAD	17,855 sq. yd.	x	\$3.45	per sq. yd.	=	\$61,599.75
CANNON HILL DRIVE	2,190 sq. yd.	x	\$3.45	per sq. yd.	=	\$7,555.50
MARY BETH LANE	1,510 sq. yd.	x	\$3.45	per sq. yd.	=	\$5,209.50
HASKELL LANE	2,175 sq. yd.	x	\$3.45	per sq. yd.	=	\$7,503.75
ARGYLE WAY	2,140 sq. yd.	x	\$3.45	per sq. yd.	=	\$7,383.00
DRIFTWOOD LANE	4,875 sq. yd.	x	\$3.45	per sq. yd.	=	\$16,818.75
DRIFTWOOD CIRCLE	3,000 sq. yd.	x	\$3.45	per sq. yd.	=	\$10,350.00
HEATHER LANE	1,960 sq. yd.	x	\$3.45	per sq. yd.	=	\$6,762.00
KENT ROAD	1,040 sq. yd.	x	\$3.45	per sq. yd.	=	\$3,588.00
GLEN ROAD	2,000 sq. yd.	x	\$3.45	per sq. yd.	=	\$6,900.00
STORER LANE	1,520 sq. yd.	x	\$3.45	per sq. yd.	=	\$5,244.00
RIDGEVALE ROAD	2,750 sq. yd.	x	\$3.45	per sq. yd.	=	\$9,487.50
VALLEY LANE	800 sq. yd.	x	\$3.45	per sq. yd.	=	\$2,760.00
SANDALE LANE	950 sq. yd.	x	\$3.45	per sq. yd.	=	\$3,277.50
HOLLOW LANE	1,050 sq. yd.	x	\$3.45	per sq. yd.	=	\$3,622.50
INTERVALE LANE	1,150 sq. yd.	x	\$3.45	per sq. yd.	=	\$3,967.50
GLENDALE LANE	800 sq. yd.	x	\$3.45	per sq. yd.	=	\$2,760.00
CHARLES ROAD	2,840 sq. yd.	x	\$3.45	per sq. yd.	=	\$9,798.00
ROBERT ROAD	2,250 sq. yd.	x	\$3.45	per sq. yd.	=	\$7,762.50
HILLSIDE ROAD	3,550 sq. yd.	x	\$3.45	per sq. yd.	=	\$12,247.50
MISCELLANEOUS PARTIAL DEPTH PATCHING	1,500 sq. yd.	x	\$40.00	per sq. yd.	=	<u>\$60,000.00</u>

TOTAL SECONDARY ROAD MAINTENANCE

\$323,856.00

FY20 ROAD MAINTENANCE PLAN

PAVING		\$853,295.89
OLIVER SNOW ROAD	\$150,537.50	
OAK STREET EXT.	\$142,548.00	
PLEASANT LAKE AVENUE	\$560,210.39	
SECONDARY ROAD MAINTENANCE		\$269,344.95
41 ROADS		
MISCELLANEOUS DRAINAGE		\$150,000.00
CRACKSEAL VARIOUS ROADS		\$100,000.00
PAVEMENT MARKING MAINTENANCE		\$50,000.00
	FY20 TOTAL	\$1,422,640.84

PAVING

OLIVER SNOW ROAD

Long Road to Gorham Road	2,275	LF x	22	LF =	5,561	SQ YDS	
MISC. PARTIAL DEPTH PATCHING	250	sq yds x	\$40.00	per sq yd =	\$	10,000.00	
ASPHALT - MACHINE PLACED	950	tons x	\$93.70	per ton =	\$	89,015.00	
ASPHALT - HANDWORK	50	tons x	\$140.00	per ton =	\$	7,000.00	
DRAINAGE	6	systems x	\$5,800.00	each =	\$	34,800.00	
STRIPING							
DOUBLE YELLOW CENTERLINES	2,275	l.f. x	\$0.70	per l.f. =	\$	1,592.50	
12" LINES	50	l.f. x	\$1.25	per l.f. =	\$	62.50	
LOAM	100	cu. yd. x	\$15.00	per cu yd =	\$	1,500.00	
HYDROSEED	13,650	sq. ft. x	\$0.11	per sq ft =	\$	1,501.50	
CASTING RISERS	15	x	\$150.00	each =	\$	2,250.00	
POLICE DETAILS	8 details x	8	hours x	\$44.00	per hour =	\$	2,816.00

TOTAL OLIVER SNOW ROAD \$ 150,537.50

OAK STREET EXT.

Queen Anne Road to End	1,800	LF x	22	LF =	4,400	SQ YDS	
MISC. PARTIAL DEPTH PATCHING	200	sq yds x	\$40.00	per sq yd =	\$	8,000.00	
ASPHALT - MACHINE PLACED	775	tons x	\$93.70	per ton =	\$	72,617.50	
ASPHALT - HANDWORK	40	tons x	\$140.00	per ton =	\$	5,600.00	
DRAINAGE	8	systems x	\$5,800.00	each =	\$	46,400.00	
STRIPING							
DOUBLE YELLOW CENTERLINES	1,800	l.f. x	\$0.70	per l.f. =	\$	1,260.00	
12" LINES	50	l.f. x	\$1.25	per l.f. =	\$	62.50	
LOAM	80	cu. yd. x	\$15.00	per cu yd =	\$	1,200.00	
HYDROSEED	10,800	sq. ft. x	\$0.11	per sq ft =	\$	1,188.00	
CASTING RISERS	18	x	\$150.00	each =	\$	2,700.00	
POLICE DETAILS	10 details x	8	hours x	\$44.00	per hour =	\$	3,520.00

TOTAL OAK STREET EXT. \$ 142,548.00

PAVING

PLEASANT LAKE AVENUE

Panorama Point to Brewster Line	9,950	LF x	22	LF =	24,322	SQ YDS	
EXCAVATION BY RECLAIMER	4,281	cu yds x	\$25.75	per cu yd =	\$	110,235.75	
CRUSHED STONE FOR BLENDING	805	tons x	\$17.50	per ton =	\$	14,087.50	
RECLAIM & PROCESS MATERIAL	9,656	sq yds x	\$6.00	per sq yd =	\$	57,936.00	
FINE GRADE & COMPACT	9,656	sq yds x	\$3.29	per sq yd =	\$	31,768.24	
ASPHALT - MACHINE PLACED (4")	2,200	tons x	\$93.70	per ton =	\$	206,140.00	
ASPHALT - HANDWORK	125	tons x	\$140.00	per ton =	\$	17,500.00	
DRAINAGE	4	systems x	\$5,800.00	each =	\$	23,200.00	
DRAINAGE	10	systems x	\$6,605.00	each =	\$	66,050.00	
STRIPING							
DOUBLE YELLOW CENTERLINES	9,950	l.f. x	\$0.70	per l.f. =	\$	6,965.00	
SINGLE WHITE EDGELINES	19,900	l.f. x	\$0.35	per l.f. =	\$	6,965.00	
12" LINES	70	l.f. x	\$1.25	per l.f. =	\$	87.50	
LOAM	150	cu. yd. x	\$15.00	per cu yd =	\$	2,250.00	
HYDROSEED	21,540	sq. ft. x	\$0.11	per sq ft =	\$	2,369.40	
CASTING RISERS	32	x	\$150.00	each =	\$	4,800.00	
POLICE DETAILS	28 details x	8	hours x	\$44.00	per hour =	\$	9,856.00

TOTAL PLEASANT LAKE AVE | \$ 560,210.39

FY20 SECONDARY ROAD MAINTENANCE - 10% RUBBER CHIP SEAL

41 ROADS

CRANWOOD ROAD	1,675 sq. yd.	x	\$3.45	per sq. yd.	=	\$5,778.75
WILDWOOD AVE	1,270 sq. yd.	x	\$3.45	per sq. yd.	=	\$4,381.50
WITCHWOOD LANE	1,050 sq. yd.	x	\$3.45	per sq. yd.	=	\$3,622.50
WOODY GLEN ROAD	1,225 sq. yd.	x	\$3.45	per sq. yd.	=	\$4,226.25
FAIRWAYS DRIVE	2,785 sq. yd.	x	\$3.45	per sq. yd.	=	\$9,608.25
PUTTING GREEN LANE	1,355 sq. yd.	x	\$3.45	per sq. yd.	=	\$4,674.75
EAGLE LANE	529 sq. yd.	x	\$3.45	per sq. yd.	=	\$1,825.05
BRIARWOOD CLOSE	1,240 sq. yd.	x	\$3.45	per sq. yd.	=	\$4,278.00
SANDY SHORE WAY	1,150 sq. yd.	x	\$3.45	per sq. yd.	=	\$3,967.50
RED PINE DRIVE	2,340 sq. yd.	x	\$3.45	per sq. yd.	=	\$8,073.00
OAK LEAF CIRCLE	2,435 sq. yd.	x	\$3.45	per sq. yd.	=	\$8,400.75
GREEN LANE	2,085 sq. yd.	x	\$3.45	per sq. yd.	=	\$7,193.25
DRUM LANE	1,007 sq. yd.	x	\$3.45	per sq. yd.	=	\$3,474.15
WESTON WOODS ROAD	2,100 sq. yd.	x	\$3.45	per sq. yd.	=	\$7,245.00
WILLIAMS WAY	1,906 sq. yd.	x	\$3.45	per sq. yd.	=	\$6,575.70
LEXINGTON DRIVE	1,075 sq. yd.	x	\$3.45	per sq. yd.	=	\$3,708.75
CONCORD DRIVE	850 sq. yd.	x	\$3.45	per sq. yd.	=	\$2,932.50
CRESTVIEW DRIVE	1,686 sq. yd.	x	\$3.45	per sq. yd.	=	\$5,816.70
MONUMENT WAY	1,042 sq. yd.	x	\$3.45	per sq. yd.	=	\$3,594.90
WHIP-O-WILL	1,636 sq. yd.	x	\$3.45	per sq. yd.	=	\$5,644.20
CRANHAVEN CIRCLE	2,245 sq. yd.	x	\$3.45	per sq. yd.	=	\$7,745.25
OLD MILL LANE	1,248 sq. yd.	x	\$3.45	per sq. yd.	=	\$4,305.60
SIX PENNY LANE	2,024 sq. yd.	x	\$3.45	per sq. yd.	=	\$6,982.80
OLD TAVERN LANE	1,853 sq. yd.	x	\$3.45	per sq. yd.	=	\$6,392.85
WOONCEPIT ROAD	2,122 sq. yd.	x	\$3.45	per sq. yd.	=	\$7,320.90
ROBBINS ROAD	2,926 sq. yd.	x	\$3.45	per sq. yd.	=	\$10,094.70
WHEATON WAY	1,215 sq. yd.	x	\$3.45	per sq. yd.	=	\$4,191.75
LAURIE LANE	1,167 sq. yd.	x	\$3.45	per sq. yd.	=	\$4,026.15
MOODY ROAD	2,625 sq. yd.	x	\$3.45	per sq. yd.	=	\$9,056.25
CROSBY ROAD	2,623 sq. yd.	x	\$3.45	per sq. yd.	=	\$9,049.35
HAROLD STREET	2,513 sq. yd.	x	\$3.45	per sq. yd.	=	\$8,669.85
VILLAGE GREEN	2,327 sq. yd.	x	\$3.45	per sq. yd.	=	\$8,028.15

LINCOLN VILLAGE ROAD	1,289 sq. yd.	x	\$3.45 per sq. yd.	=	\$4,447.05
ROCKY WAY	3,128 sq. yd.	x	\$3.45 per sq. yd.	=	\$10,791.60
RIDGE COURT	1,187 sq. yd.	x	\$3.45 per sq. yd.	=	\$4,095.15
BASSETT WOODS ROAD	2,254 sq. yd.	x	\$3.45 per sq. yd.	=	\$7,776.30
STATION AVE	1,706 sq. yd.	x	\$3.45 per sq. yd.	=	\$5,885.70
FAIRVIEW AVE	2,331 sq. yd.	x	\$3.45 per sq. yd.	=	\$8,041.95
MCELWAY ROAD	1,744 sq. yd.	x	\$3.45 per sq. yd.	=	\$6,016.80
VINEYARD LANE	3,947 sq. yd.	x	\$3.45 per sq. yd.	=	\$13,617.15
DEACONS FOLLY ROAD	5,156 sq. yd.	x	\$3.45 per sq. yd.	=	<u>\$17,788.20</u>

TOTAL SECONDARY ROAD MAINTENANCE \$269,344.95