

**PUTNAM COUNTY ROUNDABOUT FEASIBILITY STUDY
RECOMMENDATIONS SUMMARY**

Int. #	Book Tab	Intersection	Signal Warrants	Cash Rate	Worst Case Capacity	Improvement Priority	Recommended Improvement (Est. Cost)	Roundabout Feasibility (Est. Cost)
1	A	Ludingtonville Road and Route 52	Satisfied 1,2,3	7.5x state avg.	LOS F v/c > 1.0 (over cap.)	HIGH	Install Traffic Signal (\$250,000) Roundabout is Reasonable Option (\$1.56M)	Roundabout is <u>Feasible</u> , but will impact wetlands/NYC watershed. Possible permit issues (\$1.56M)
2	B	Hill Street and Route 6N	Satisfied 1,2	4.2x state avg.	LOS F v/c > 1.0 (over cap.)	HIGH	Install Traffic Signal (\$250,000)	Roundabout <u>Not Feasible</u> . ROW needs, cut into significant hill, parking lot and wetland impacts.
3	C	John Simpson Road and Fair Street	Satisfied 2,3	1.5x state avg.	LOS C v/c ≤ 0.71 (no issues)	NONE	NONE. Existing signal works effectively and no safety or capacity issues noted.	Roundabout is <u>Feasible</u> if right of way (ROW) is purchased (\$1.6M)
4	D	Route 22 and Havilland Hollow Rd	Satisfied 1,2,3	2x state avg.	LOS D v/c ≤ 0.98 (marginal)	MEDIUM	Restriping to add NB RT lane to existing traffic signal (\$36,500)	Roundabout is <u>Feasible</u> if ROW is purchased & Parking Lots Reconfig. (\$2.185M)
5	E	Croton Falls Road and Route 6	Satisfied 1,2,3	Slightly High	LOS C v/c ≤ 0.82 (no issues)	NONE	NONE. Existing signal works effectively and no safety or capacity issues noted.	Roundabout is <u>Feasible</u> if ROW is purchased, but would yield worse LOS than signal (\$2.025M)
6	F	Crane Road and Route 6	Satisfied 1,2	Below state avg.	LOS F v/c ≤ 0.82 (marginal)	LOW	Install Traffic Signal (\$250,000) Roundabout acceptable but Daily VHD Increase	Roundabout is <u>Feasible</u> , but will impact wetlands/NYC watershed. Possible permit issues (\$1.595M)
7	G	Doansburg Road and Fairfield Drive	Satisfied 2	2.5x state avg.	LOS E v/c ≤ 0.52 (no issues)	MEDIUM	Install Traffic Signal (\$250,000) to improve sight distance issues	Roundabout <u>Not Feasible</u> . ROW needs, significant grade issues, parking lot and driveway impacts.
8	H	Mill St/Church Rd and Peekskill Hollow Rd	Not Satisfied	2x state avg.	LOS C v/c ≤ 0.62 (no issues)	NONE	NONE. Existing signal works effectively. Sight distance issues prevents removal.	Roundabout <u>Not Feasible</u> . ROW needs, significant grade issues, parking lot and driveway impacts.
9	9	Townners Rd and Hill & Dale Rd/Lakeshore Dr	Not Satisfied	5.2x state avg.	LOS B v/c ≤ 0.38 (no issues)	MEDIUM	Reconfigure parking to remove backing into road (\$0.8M) w/realign (1.58M)	Roundabout <u>Not Feasible</u> . ROW needs, significant grade issues, parking lot and business impacts.
10	10	Fairfield Dr and Haviland Dr	Not Satisfied	4.5x state avg.	LOS D v/c ≤ 0.86 (no issues)	MEDIUM	Reconstruct to add EB LT Lane (\$330,000) w/Inter. Realign (\$1.28M)	Roundabout <u>Not Feasible</u> . ROW needs, significant grade issues, parking lot and business impacts.
11	11	Secor Rd and Wood St	Not Satisfied	1.8x state avg.	LOS D v/c ≤ 0.83 (no issues)	LOW	Construct Roundabout to address right angle accidents (\$1.67M)	Roundabout <u>Feasible</u> and can be constructed within the existing ROW. (\$1.67M)