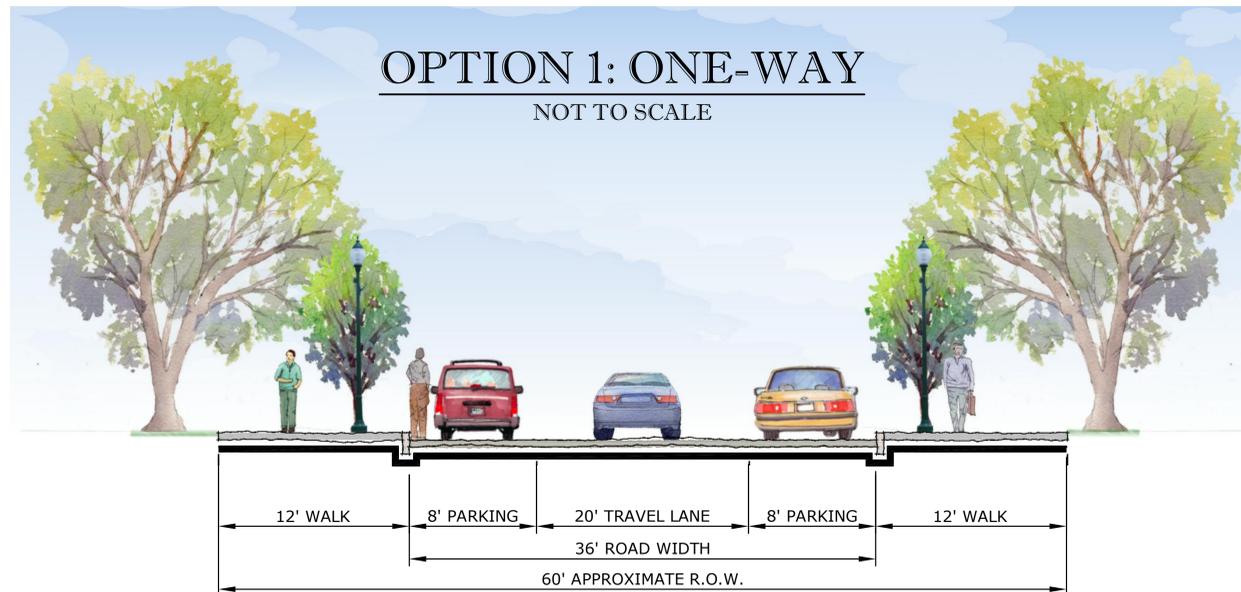


**MARKET SQUARE - STREETScape OPTIONS MATRIX**  
MMI PROJECT #: 1819-13  
OCTOBER 27, 2010

OPTIONS	TRAFFIC FLOW	PARKING			ROADWAY\SIDEWALK SECTIONS								PROJECT COSTS		
		PARALLEL	COUNT	TOTAL COUNT	SIDEWALK WIDTH (FT)	PARKING WIDTH (FT)	LANE WIDTH (FT)	LANE WIDTH (FT)	PARKING WIDTH (FT)	SIDEWALK WIDTH (FT)	CURB-TO-CURB (FT)	R.O.W. (FT)		TOTAL* (\$)	
EXISTING	TWO-WAY	•	30	•	36	66	5	10	15	15	10	5	50	60	N/A
OPTION 1	ONE-WAY	•	34	•	32	66	12	8	20	N/A	8	12	36	60	2,000,000
OPTION 2	TWO-WAY	•	30	•	34	64	10	8	12	12	8	10	40	60	1,500,000

\* PROJECT COSTS REFLECT ONLY CONSTRUCTION CONTRACT ITEMS PLUS 10% CONTINGENCIES AND DO NOT INCLUDE INCIDENTALS TO CONSTRUCTION (i.e. - INSPECTION, MATERIALS TESTING, STATE OVERSIGHT, ETC.)

NOTE: PARKING COUNTS ARE APPROXIMATE IN NATURE AND REQUIRE FURTHER DETAILED DESIGN TO GET AN EXACT NUMBER.



**FEATURES:**

- ONE-WAY TRAVEL
- REDUCED EXISTING ROAD, PARALLEL PARKING AND LANE WIDTHS
- INCREASED SIDEWALK WIDTH
- SIDEWALK IMPROVEMENTS

**PROS:**

- INCREASED SIDEWALK WIDTH FOR PEDESTRIANS (GAIN/ADD 7' OF SIDEWALK ON EACH SIDE MAKING SIDEWALKS A TOTAL WIDTH OF 12' ON EACH SIDE)
- MAINTAIN EXISTING CENTER LINE
- AMENITY STRIP FOR LIGHT POLES AND POTENTIAL FLOWERING TREES
- NO LOSS OF PARKING

**CONS:**

- NARROWED ROAD WIDTH WILL REQUIRE ADDRESSING DRAINAGE/GRADING ISSUES AT SIDEWALKS
- NEED FOR TRAFFIC STUDY & STC DETERMINATION
- CONN DOT COORDINATION/APPROVAL REQUIRED
- SIGNALIZATION WORK @ MULTIPLE STREET INTERSECTIONS
- ADDITIONAL SIGNAL DESIGN AND INSTALLATION COSTS ADDED TO PROJECT
- EXTENDED DESIGN DURATION OF ±12 MONTHS
- ONE-WAY TRAVEL MAY DISCOURAGE PASS-BY TRAFFIC
- 20' MINIMUM TRAVEL LANE FIRE DEPARTMENT REQUIREMENT MAY ENCOURAGE DANGEROUS BY-PASS MANEUVERS

**PROJECT COSTS:**

- \$2,000,000 (INCLUDES \$80,000 ON PRIVATE PROPERTY AND \$360,000 FOR SIGNAL DESIGN AND INSTALLATION)

**FEATURES:**

- TWO-WAY TRAVEL
- REDUCED EXISTING ROAD, PARALLEL PARKING, AND LANE WIDTHS
- INCREASED SIDEWALK WIDTH
- SIDEWALK IMPROVEMENTS

**PROJECT COSTS:**

- \$1,500,000 (INCLUDES \$80,000 ON PRIVATE PROPERTY)

**PROS:**

- INCREASED SIDEWALK WIDTH FOR PEDESTRIANS (GAIN/ADD 5' OF SIDEWALK ON EACH SIDE MAKING SIDEWALKS A TOTAL WIDTH OF 10' ON EACH SIDE)
- MAINTAIN EXISTING CENTER LINE
- AMENITY STRIP FOR LIGHT POLES AND POTENTIAL FLOWERING TREES
- MINIMAL LOSS OF PARKING

**CONS:**

- NARROWED ROAD WIDTH WILL REQUIRE ADDRESSING DRAINAGE/GRADING ISSUES AT SIDEWALKS



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CONCEPT SECTIONS

**MARKET SQUARE  
STREETScape IMPROVEMENTS**

NEWINGTON, CONNECTICUT

OCTOBER 27, 2010