ROADWAY DESIGN GUIDELINES
TYPICAL PLANS + CROSS SECTIONS

NOTE: THESE PLANS & CROSS SECTIONS ARE INTENDED TO SERVE AS GENERAL GUIDANCE AND CONSIDERATIONS FOR TYPICAL ROADWAY DESIGNS WITHIN THE CITY OF BOSTON. VARIATIONS TO THESE TYPICAL PLANS & CROSS SECTIONS MAY BE MADE WITH APPROVAL FROM THE PUBLIC WORKS DEPARTMENT DEPENDING ON THE OVERALL DESIGN CONTEXT. STATE AND FEDERAL STANDARDS AND GUIDELINES ALONG WITH ENGINEERING JUDGEMENT MUST ALSO BE CONSIDERED.

BOSTON PUBLIC WORKS DEPARTMENT
ROADWAY DESIGN GUIDELINES
ARTERIAL STREET - TYPICAL LAYOUT - PLAN

12.5' SIDEWALK ZONE
12.0' SIDEWALK ZONE
8.0' CLEAR PATH OF TRAVEL
4.5' FURNISHING ZONE
6.0' BIKE LANE
3.0' BUFFER
7.0' PARKING LANE
11.0' TRAVEL LANE
11.0' TRAVEL LANE

7.0' PARKING LANE
3.0' BUFFER
6.0' BIKE LANE
4.5' FURNISHING ZONE
8.0' CLEAR PATH OF TRAVEL

77' (MIN)
ROADWAY DESIGN GUIDELINES
ARTERIAL STREET - TYPICAL LAYOUT - SECTION

12.5’ SIDEWALK ZONE

77.0’ OVERALL WIDTH

12.5’ SIDEWALK ZONE

6” GRANITE CURB

6” GRANITE CURB

8.0’ CLEAR PATH OF TRAVEL

4.5’ FURNISHING ZONE

5.0’ BIKE LANE

3.0’ BUFFER LANE

7.0’ PARKING LANE

11.0’ TRAVEL LANE

11.0’ TRAVEL LANE

7.0’ PARKING LANE

3.0’ BUFFER LANE

5.0’ BIKE LANE

4.5’ FURNISHING ZONE

8.0’ CLEAR PATH OF TRAVEL
ROADWAY DESIGN GUIDELINES
ARTERIAL STREET - TYPICAL LAYOUT - UTILITIES SECTION

NOTE: ALL DIMENSIONS TO BE IMPLEMENTED UNLESS OTHERWISE APPROVED BY PWD.
ROADWAY DESIGN GUIDELINES
LOCAL STREET - TYPICAL LAYOUT - PLAN

5.0’ CLEAR PATH OF TRAVEL
4.5’ FURNISHING ZONE
7.0’ PARKING LANE
10.0’ TRAVEL LANE
7.0’ PARKING LANE
4.5’ FURNISHING ZONE
5.0’ CLEAR PATH OF TRAVEL
9.5’ SIDEWALK ZONE
53.0’

53.0’ (MIN.)
9.5’ SIDEWALK ZONE
9.5’ SIDEWALK ZONE
ROADWAY DESIGN GUIDELINES
LOCAL STREET - TYPICAL LAYOUT - UTILITIES SECTION

NOTE: ALL DIMENSIONS TO BE IMPLEMENTED UNLESS OTHERWISE APPROVED BY PWD. UTILITIES MAY NEED TO OFFSET AROUND MANHOLES & CATCH BASINS. IF NEEDED, E-TRANSMISSION CAN GO UNDERNEATH ELECTRICAL DUCT.