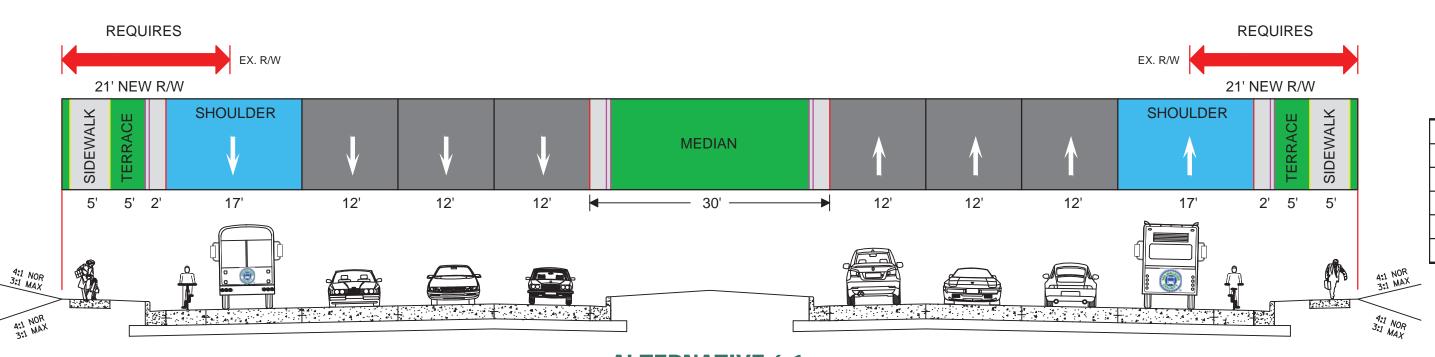
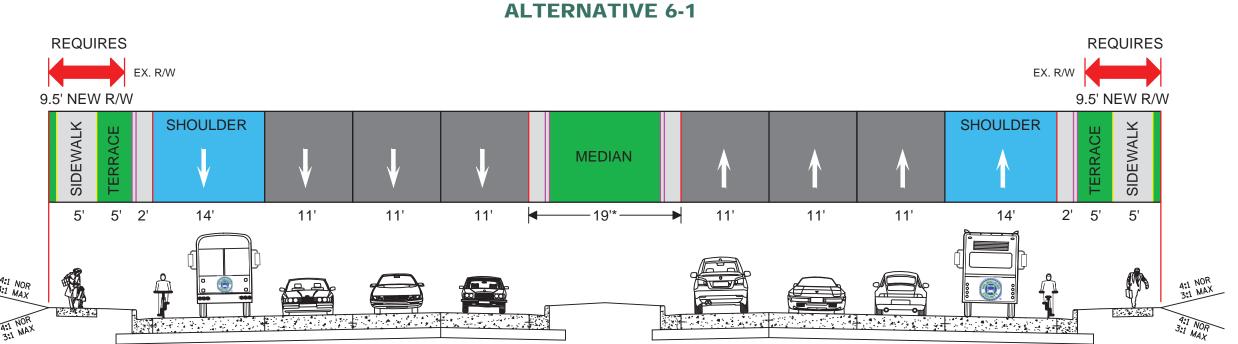
## ID 2030-00-06 S. 108TH STREET / MAYFAIR ROAD 6 LANE TYPICAL SECTIONS (WATERTOWN PLANK ROAD TO CAPITOL DRIVE)



## Alternative 6-1 6-Lane using Desirable Width Travel Lane Width 12-foot Median Width 30-foot Additional Right of Way Req'd 42 feet Transit In 17-foot Shoulder Bike Accommodation On 5-foot Shoulder



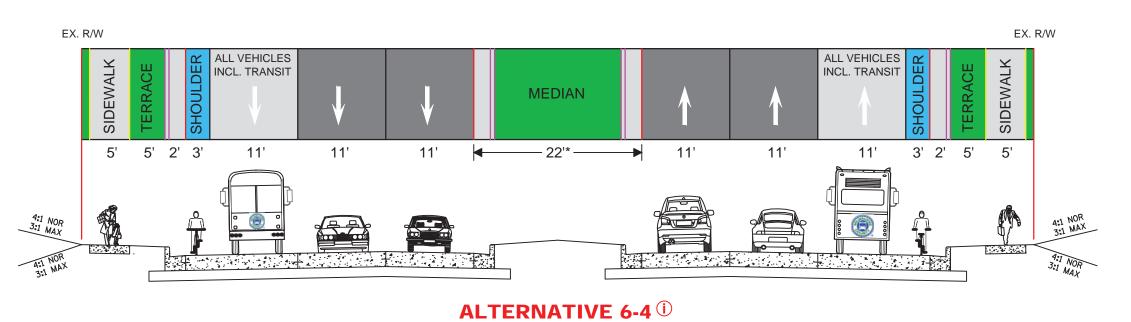
Alternative 6-2						
6-Lane using Minimum Width						
11-foot						
19-foot						
19 feet						
In 14-foot Shoulder						
On 3-foot Shoulder						

# \* Median Width Allows U-Turn but no Left-outs from Driveways or Unsignalized Intersections EX. RW 9' NEW RW ALL VEHICLES INCL. TRANSIT To be a since of the control of

**ALTERNATIVE 6-2** 

6-Lane using Desirable Width							
Travel Lane Width	12-foot						
Median Width	30-foot						
Additional Right of Way Req'd	18 feet						
Transit	In Travel Lane						
Bike Accommodation	On 5-foot Shoulder						

Alternative 6-3



**ALTERNATIVE 6-3** 

Alternative 6-4						
6-Lane using Minimum Width						
Travel Lane Width	11-foot					
Median Width	22-foot					
Additional Right of Way Req'd	Fits Within Existing R/W					
Transit	In Travel Lane					
Bike Accommodation	On 3-foot Shoulder					

#### \* Median Width Allows U-Turn but no Left-outs from Driveways or Unsignalized Intersections ① Lane and Shoulder Width used on Traditional Intersection Layout

EX.	R/W														EX.	R/W
	SIDEWALK	TERRACE	SHOULDER	ALL VEHICLES INCL. TRANSIT	V	Į.		MEDIAN		<b>1</b>	1	ALL VEHICLES INCL. TRANSIT	SHOULDER	TERRACE	SIDEWALK	
	5'	4'	5'	11'	11'	11'	<b>—</b>	24'	-	11'	11'	11'	5'	4'	5'	
4:1 NOR 3:1 MAX 4:1 NOR 3:1 MAX	Lacro Disk								F. 182 4.5							4:1 NOR 3:1 MAX 4:1 NOR 3:1 MAX
	ALTERNATIVE 6-5															

Alternative 6-5							
6-Lane using Minimum Width							
Travel Lane Width	11-foot						
Median Width	24-foot						
Additional Right of Way Req'd	Fits Within Existing R/W						
Transit	In Travel Lane						
Bike Accommodation	On 3-foot Shoulder						

EX.	R/W												EX.	R/W
	SIDEWALK	TERRACE	ALL VEHICLES INCL. TRANSIT	V	<b>↓</b>		MEDIAN		1	<b>1</b>	ALL VEHICLES INCL. TRANSIT	TERRACE	SIDEWALK	
	5'	5'	15'	11'	11'	<b>—</b>	24'	-	11'	11'	15'	5'	5'	
4:1 NOR 3:1 MAX 4:1 NOR 4:1 NOR 3:1 MAX														4:1 NOR 3:1 MAX 4:1 NOR 3:1 NOR
	ALTERNATIVE 6-6													

Alternative 6-6							
6-Lane using Minimum Width							
Travel Lane Width	11-foot						
Median Width	24-foot						
Additional Right of Way Req'd	Fits Within Existing R/W						
Transit	In Travel Lane						
<b>Bike Accommodation</b>	On 2-foot Shoulder						

EX.	R/W												EX.	R/W
	SIDEWALK	TERRACE	ALL VEHICLES INCL. TRANSIT	V	V		MEDIAN		<b>↑</b>	<b>1</b>	ALL VEHICLES INCL. TRANSIT	TERRACE	SIDEWALK	
	5'	5' 2	11'	11'	11'	<b>—</b>	28'	-	11'	11'	11'	2' 5'	5'	
4:1 NOR 3:1 MAX 4:1 NOR 4:1 NOR 3:1 MAX														4:1 NOR 3:1 MAX 4:1 NOR 3:1 MAX

**ALTERNATIVE 6-7** 

Alternative 6-7							
6-Lane using Minimum Width							
Travel Lane Width	11-foot						
Median Width	28-foot						
Additional Right of Way Req'd	Fits Within Existing R/W						
Transit	In Travel Lane						
Bike Accommodation	None*						

<sup>\*</sup> Subject to FHWA Approval of Alternate Bike Accommodation



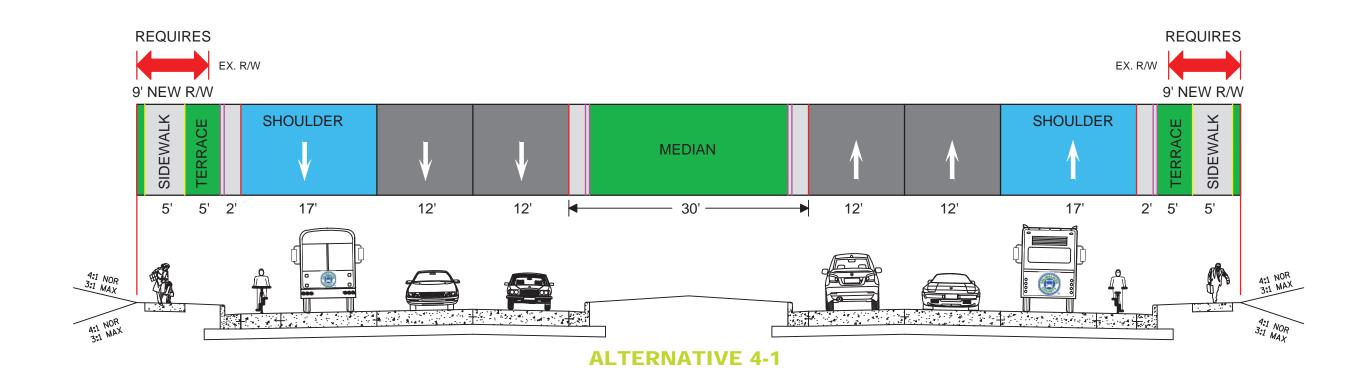
#### ID 2030-00-06 S. 108TH STREET / MAYFAIR ROAD **4-LANE TYPICAL SECTIONS**

#### **SOUTHBOUND**

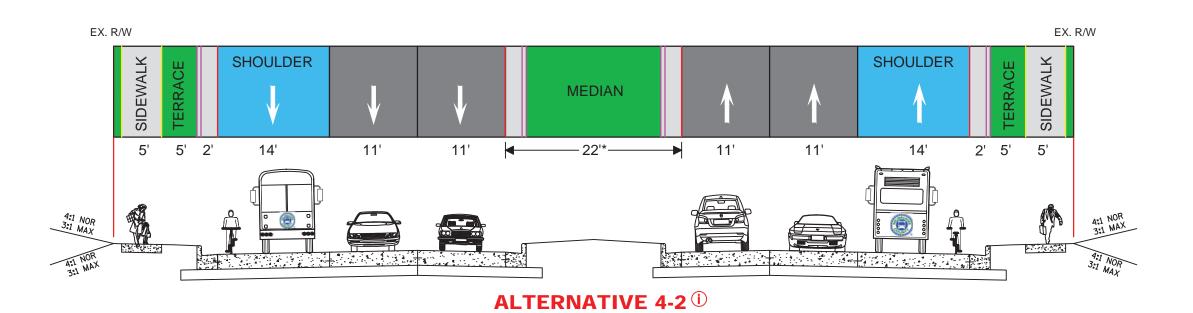
**CAPITOL DRIVE TO 600' NORTH OF FIEBRANTZ AVENUE CONGRESS STREET TO 2,400' NORTH OF HAMPTON AVENUE** 

#### **NORTHBOUND**

**CAPITOL DRIVE TO CONGRESS STREET RUBY AVENUE TO 1,000' NORTH OF HAMPTON AVENUE** 

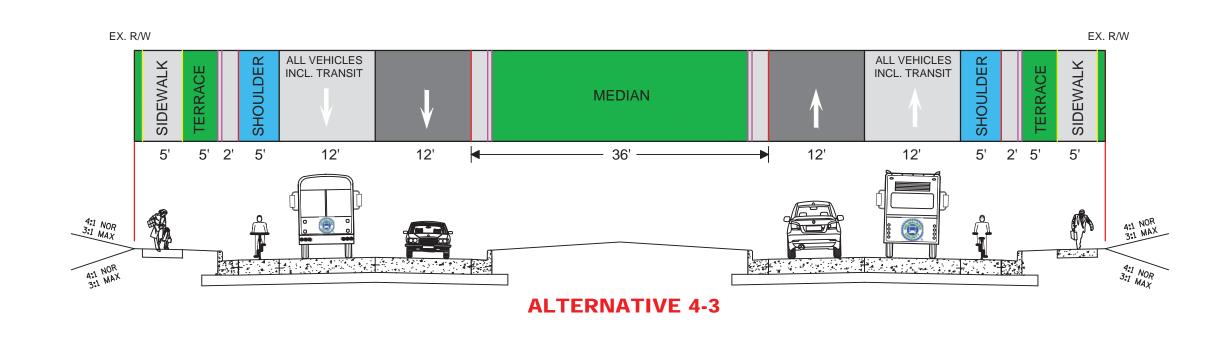


Alternative 4-1								
4-Lane using Desirable Width								
Travel Lane Width	12-foot							
Median Width	30-foot							
Additional Right of Way Req'd	18 feet							
Transit	In 17-foot Shoulder							
Bike Accommodation	On 5-foot Shoulder							

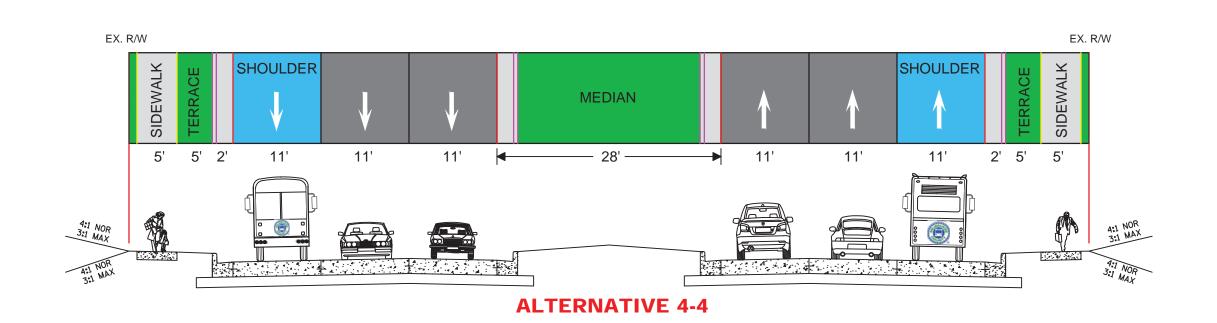


\* Median Width Allows U-Turn but no Left-outs from Driveways or Unsignalized Intersections ① Lane and Shoulder Width used on Traditional Intersection Layout

Alternative 4-2							
4-Lane using Minimum Width							
Travel Lane Width	11-foot						
Median Width	22-foot						
Additional Right of Way Req'd	Fits Within Existing R/W						
Transit	In 14-foot Shoulder						
Bike Accommodation	On 3-foot Shoulder						



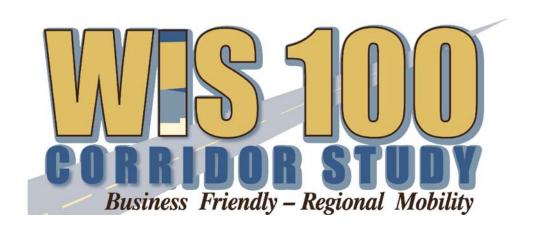
Alternative 4-3						
4-Lane using Desirable Width						
Travel Lane Width	12-foot					
Median Width	36-foot					
Additional Right of Way Req'd	Fits Within Existing R/W					
Transit	In Travel Lane					
Bike Accommodation	On 5-foot Shoulder					



#### Alternative 4-4

4-Lane using Minimum Width						
Travel Lane Width	11-foot					
Median Width	28-foot					
Additional Right of Way Req'd	Fits Within Existing R/W					
Transit	In 11-foot Shoulder					
Bike Accommodation	None*					

\* Subject to FHWA Approval of Alternate Bike Accommodation



#### ID 2030-00-06 S. 108TH STREET / MAYFAIR ROAD 4-LANE WITH PARKING TYPICAL SECTIONS

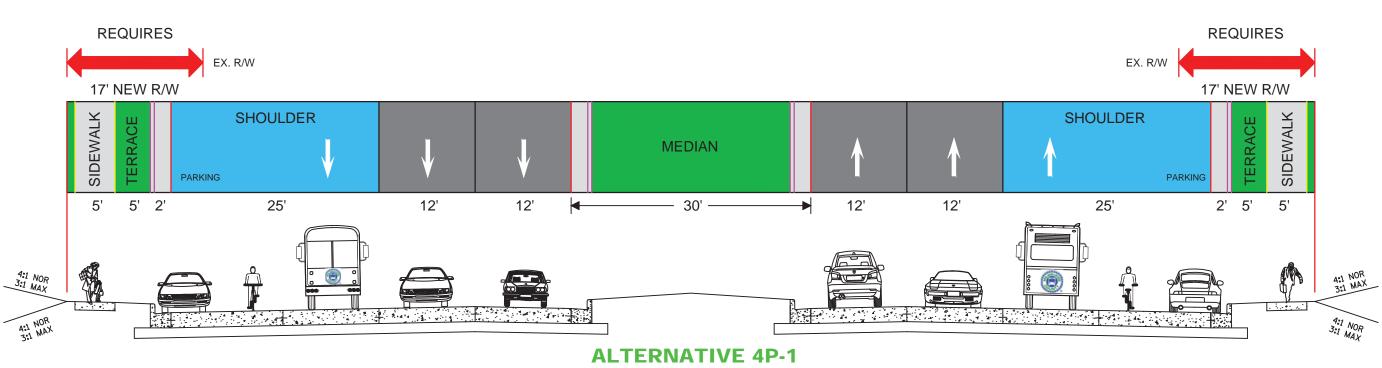
#### **SOUTHBOUND**

600' NORTH OF FIEBRANTZ AVENUE TO CONGRESS STREET 2,400' NORTH OF HAMPTON AVENUE TO SILVER SPRING DRIVE

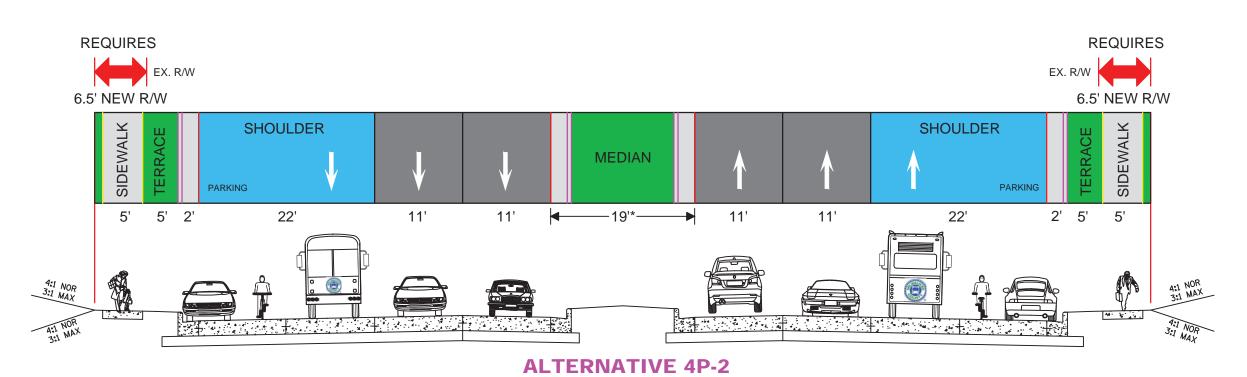
#### **NORTHBOUND**

**CONGRESS STREET TO RUBY AVENUE** 

1,000' NORTH OF HAMPTON AVENUE TO SILVER SPRING DRIVE



Alternative 4P-1						
4-Lane using Desirable Width w/ Parking						
Travel Lane Width	12-foot					
Median Width	30-foot					
Additional Right of Way Req'd	34 feet					
Transit	In 25-foot Shoulder					
Bike Accommodation	On 7-foot Shoulder					



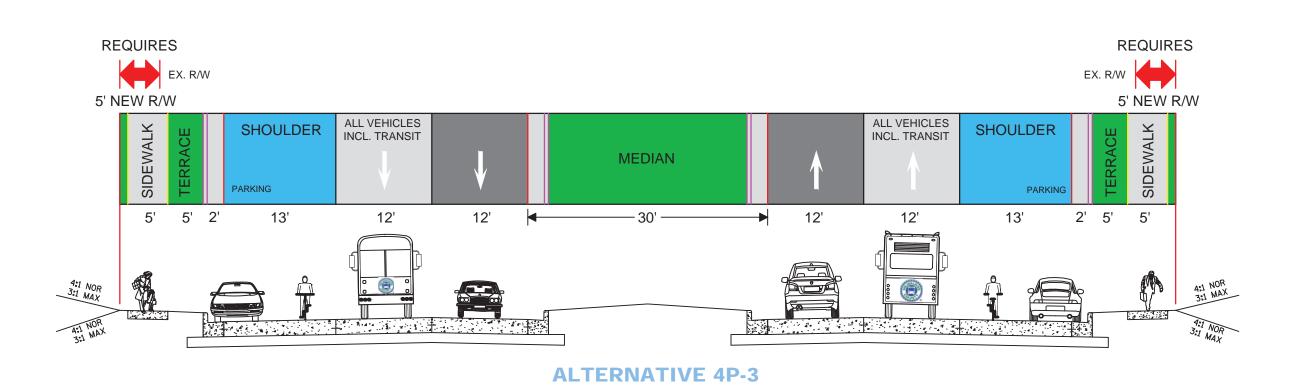
\* Median Width Allows U-Turn but no Left-outs from Driveways or Unsignalized Intersections

### 4-Lane using Minimum Width w/ Parking Travel Lane Width 11-foot Median Width 19-foot Additional Right of Way Req'd 13 feet Transit In 22-foot Shoulder

**Bike Accommodation** 

On 5-foot Shoulder

Alternative 4P-2



Alternative 4P-3							
4-Lane using Desirable Width w/ Parking							
Travel Lane Width	12-foot						
Median Width	30-foot						
Additional Right of Way Req'd	10 feet						
Transit	In Travel Lane						
Bike Accommodation	On 7-foot Shoulder						

	SIDEWALK	TERRACE	SHOULDER	ALL VEHICLES INCL. TRANSIT	V		MEDIAN		<b>1</b>	ALL VEHICLES INCL. TRANSIT	SHOULDER	TERRACE	SIDEWALK	
	5'	5' 2	' 11'	11'	11'	<b>—</b>	28'	<b></b>	11'	11'	11'	2' 5'	5'	
4:1 NOR 3:1 MAX 4:1 NOR 3:1 MAX						40							<b>*</b>	4:1 NOR 3:1 MAX 4:1 NOR 3:1 MAX
ALTERNATIVE 4P-4 (i)														

(i) Lane and Shoulder Width used on Traditional Intersection Layout

ernative 4P-4						
4-Lane using Minimum Width w/ Parking						
Travel Lane Width 11-foot						
28-foot						
Fits Within Existing R/W						
In Travel Lane						
On 5-foot Shoulder						

	QUIRE	X. R/W									EX. R/	EQUIR w	
	SIDEWALK	TERRACE	PARKI	SHOULDER	V	<b>↓</b>	MEDIAN	<b>↑</b>	<b>1</b>	SHOULDER  A  PARKING	TERRACE	SIDEWALK	
4:1 NOR 3:1 MAX 4:1 NOR 3:1 MAX	5'	5'	2'	17'	11'		24'——		11'	17'	2' 5'	5'	4:1 NOR 3:1 MAX 4:1 NOR 3:1 MAX

#### Alternative 4P-5

4-Lane using Minimum Width w/ Parking						
Travel Lane Width	11-foot					
Median Width	24-foot					
Additional Right of Way Req'd	8 feet					
Transit	In 17-foot Shoulder					
Bike Accommodation	None*					

\* Subject to FHWA Approval of Alternate Bike Accommodation

