Typical Cross Section: **DOWNTOWN** (Observer Highway - 8th Street)
Washington Street “Complete Street” Redesign

Typical Block: **DOWNTOWN**

(Observer Highway - 8th Street)

- New crosswalks with white thermoplastic striping
- New traffic signals with pedestrian countdown signals
- Refurbish tree pits in existing locations
- New concrete sidewalks
- Retrofit existing light fixtures with LED in existing locations
- New curb extensions at intersections; see Curb Extension Typology for design options
- New curb ramps at intersections
- New two-way protected bike lane
- Concrete Buffer
- New asphalt paving
- New concrete sidewalk
- Mark and number parking spaces
- New traffic signals with pedestrian countdown signals
- New curb extensions at intersections; see Curb Extension Typology for design options
- New curb ramps at intersections
- Maintain clear zone for cyclist visibility approaching intersections
- New bike boxes facilitate westbound turns for bicycles
- New asphalt paving
- New concrete sidewalk
- Bus Shelter
- New curb extensions at intersections; see Curb Extension Typology for design options
- New curb ramps at intersections
- Maintain clear zone for cyclist visibility approaching intersections
- New bike boxes facilitate westbound turns for bicycles
- New asphalt paving
- New concrete sidewalk
- Bus Shelter
- New curb extensions at intersections; see Curb Extension Typology for design options
- New curb ramps at intersections
- Maintain clear zone for cyclist visibility approaching intersections
- New bike boxes facilitate westbound turns for bicycles

**W ashington Street “Complete Street” Redesign**

**Typical Block:** DOWNTOWN

*(Observer Highway - 8th Street)*

**TRAFFIC SIGNAL KEY**

**DRAFT SEPTEMBER 23, 2014**
Typical Cross Section: **UPTOWN**

(8th Street - 15th Street)
Washington Street “Complete Street” Redesign

Typical Intersection: Eastbound One-Way

New concrete sidewalks
New crosswalks white thermoplastic striping
New traffic signals with pedestrian countdown signals

New asphalt paving
New curb extensions at intersections; see Curb Extension Typology for design options
New curb ramps at intersections

New curb ramps at intersections
Retrofit existing light fixtures with LED in existing locations
Refurbish tree pits in existing locations

New two-way protected bike lane
New traffic signals with pedestrian countdown signals

New traffic signals with pedestrian countdown signals
New crosswalks white thermoplastic striping
New traffic signals with pedestrian countdown signals

Maintain clear zone for cyclist visibility approaching intersections
Concrete Buffer Platform at sidewalk grade

See Curb Extension Typology for bus stop design options

Scale in Feet

TRAFFIC SIGNAL KEY

VEHICULAR TRAFFIC SIGNAL

RUBBER STRIP

POLE

PEDESTRIAN COUNCIL SIGNAL

MAST ARM

VEHICULAR TRAFFIC SIGNAL

TRAFFIC SIGNAL KEY
Typical Intersection: Westbound One-Way

- New crosswalks with thermoplastic striping
- New traffic signals with pedestrian countdown signals
- Retrofit existing light fixtures with LED in existing locations
- New curb extensions at intersections; see Curb Extension Typology for design options
- New curb ramps at intersections
- Refurbish tree pits in existing locations
- New concrete sidewalks
- Maintain clear zone for cyclist visibility approaching intersections
- New two-way protected bike lane
- New bike boxes facilitate westbound turns for bike
- New asphalt paving
- New traffic signals with pedestrian countdown signals
- New crosswalks with thermoplastic striping
- Retrofit existing light fixtures with LED in existing locations
- New curb extensions at intersections; see Curb Extension Typology for design options
- New curb ramps at intersections
- Refurbish tree pits in existing locations
- New concrete sidewalks
- Maintain clear zone for cyclist visibility approaching intersections
- New two-way protected bike lane
- New bike boxes facilitate westbound turns for bike
Atypical Intersection: Observer Highway

- Existing parking lot encroaches upon public right of way. Reclaim public space. Consider vegetated wall or mural to block view of parking lot and welcome visitors to Washington Street.

- Replace existing concrete with landscape/green infrastructure; or add a "gateway" element.

- Connect protected bike lanes.

- Push back stop bar to accommodate large vehicles turning right onto Washington St.

- New concrete sidewalk

- New asphalt paving

- Retrofit existing light fixtures with LED

- Refurbish tree pits

- Mark and number parking spaces

- New two-way protected bike lane

- Concrete buffer

- New curb ramps at intersections

- OBSERVER HIGHWAY PROTECTED BIKE LANE IS A COMPONENT OF THE APPROVED OBSERVER HIGHWAY RESURFACING PROJECT.
Atypical Intersection: 7th Street

Washington Street “Complete Street” Redesign

Atypical Intersection: 7th Street

New crosswalks with thermoplastic striping

New curbs extensions at intersections; see Curb Extension Typology for design options

New concrete sidewalks

New asphalt paving

New traffic signals with pedestrian countdown signals

Concrete Buffer
Retrofit existing light fixtures with LED in existing locations

New two-way protected bike lane
Bike box for two-stage eastbound turn, so that southbound cyclists may enter the protected bike lane
Bike box in advance of traffic
Signage directing cyclists into protected bike lane

Refurbish tree pits in existing locations

Shared lane markings

Maintain clear zone for cyclist visibility approaching intersections

See Curb Extension Typology for bus stop design options

New traffic signals with pedestrian countdown signals

New crosswalks white thermoplastic striping

New curbs extensions at intersections; see Curb Extension Typology for design options

New concrete sidewalks

New asphalt paving

New traffic signals with pedestrian countdown signals

Concrete Buffer
Retrofit existing light fixtures with LED in existing locations

New two-way protected bike lane
Bike box for two-stage eastbound turn, so that southbound cyclists may enter the protected bike lane
Bike box in advance of traffic
Signage directing cyclists into protected bike lane

Refurbish tree pits in existing locations

Shared lane markings

Maintain clear zone for cyclist visibility approaching intersections

See Curb Extension Typology for bus stop design options

New traffic signals with pedestrian countdown signals

New crosswalks white thermoplastic striping

New curbs extensions at intersections; see Curb Extension Typology for design options

New concrete sidewalks

New asphalt paving

New traffic signals with pedestrian countdown signals

Concrete Buffer
Retrofit existing light fixtures with LED in existing locations

New two-way protected bike lane
Bike box for two-stage eastbound turn, so that southbound cyclists may enter the protected bike lane
Bike box in advance of traffic
Signage directing cyclists into protected bike lane

Refurbish tree pits in existing locations

Shared lane markings

Maintain clear zone for cyclist visibility approaching intersections

See Curb Extension Typology for bus stop design options

New traffic signals with pedestrian countdown signals
Atypical Intersection: 8th Street

See Curb Extension Typography for bus stop design options

New crosswalks white thermoplastic striping
New traffic signals with pedestrian countdown signals

New curb extensions at intersections; see Curb Extension Typography for design options
New curb ramps at intersections

Signage directing cyclists into protected bike lane

Refurbish tree pits in existing locations

New protection bike lane transitions to one-way northbound
New bike box facilitates eastbound turn for cyclists

New back-in angle parking; mark and number parking spaces

Maintenance clear zone for cyclist visibility approaching intersections

Shared lane markings

New concrete sidewalks

Retrofit existing light fixtures with LED in existing locations

New asphalt paving

New curb extensions at intersections; see Curb Extension Typography for design options
New curb ramps at intersections

Maintain clear zone for cyclist visibility approaching intersections

New crosswalks white thermoplastic striping
New traffic signals with pedestrian countdown signals
Atypical Intersection: 11th Street

- Bike box to facilitate right turn onto Washington St.
- New crosswalks while maintaining clear zone for cyclist visibility approaching intersections
- New curb extensions at intersections; see Curb Extension Typology for design options
- New traffic signals with pedestrian countdown signals
- Retrofit existing light fixtures with LED in existing locations
- Refurbish tree pits in existing locations
- New concrete sidewalks
- New asphalt paving
- Concrete Buffer
- Hoboken Historic Preservation Commission to review existing baseball design
- Maintain clear zone for cyclist visibility approaching intersections
- See Curb Extension Typology for bus stop design options
- New traffic signals with pedestrian countdown signals
- Retrofit existing light fixtures with LED in existing locations
- Refurbish tree pits in existing locations
- New concrete sidewalks
Washington Street “Complete Street” Redesign

Atypical Block: 13th – 14th Street

New crosswalks with thermoplastic striping
New traffic signals near pedestrian countdown signals
New roundabout
New bus stop
New curb ramps at intersections
New curb extensions at intersections; see Curb Extension Typology for design options
Retrofit existing light fixtures with LED in existing locations
Refurbish tree pits in existing locations
Bike box
Shared lane markings
New back-in angle parking; mark and number parking spaces
Maintain clear zone for cyclist visibility approaching intersections
Bike box
Shared lane markings
New traffic signals with pedestrian countdown signals
Atypical Block: 14th – 15th Street
Curb Extension Typology: Downtown Southwest and Northwest Corner Options

**Standard**

**Green**

**Enhanced Seating**

**Green + Enhanced Seating**

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**KEY**

- Bench
- Trash can
- Movable table & chair
- Umbrella
- Curbside bike rack
- Bikeshare bike rack
- Safety railing
- Planting
- Pole top light
- Arm mounted light
- Traffic signal base
- Traffic signal head
- Pedestrian signal head
- Detectable warning surface
- Rumble strip
- Sign

**Scale in Feet**

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Curb Extension Typology: Downtown Southeast and Northeast Options

KEY
- Bench
- Trash can
- Movable table & chair
- Umbrella
- Curbside bike rack
- Bikeshare bike rack
- Safety railing
- Planting
- Pole top light
- Arm mounted light
- Traffic signal base
- Traffic signal head
- Pedestrian signal head
- Detectable warning surface
- Rumble strip
- Sign

R4-4 modified

Scale in Feet
Curb Extension Typology: Downtown Northbound Bus Stop Options

Enhanced Seating

Bikeshare

Scale in Feet

10  8  6  4  2  0  2  4  6  8  10  12  14

Downtown Northbound Bus Stop Options

Washington Street “Complete Street” Redesign

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KEY

- Bench
- Trash can
- Movable table & chair
- Umbrella
- Curbside bike rack
- Bikeshare bike rack
- Safety railing
- Planting
- Pole top light
- Arm mounted light
- Traffic signal base
- Traffic signal head
- Pedestrian signal head
- Detectable warning surface
- Rumble strip
- Sign

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Enhanced Seating

Bikeshare

Scale in Feet

10  8  6  4  2  0  2  4  6  8  10  12  14

Downtown Northbound Bus Stop Options

Washington Street “Complete Street” Redesign

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Curb Extension Typology: Uptown Southwest Corner Options

Standard

Green

Enhanced Seating

Green + Enhanced Seating

KEY
- Bench
- Trash can
- Movable table & chair
- Umbrella
- Curbside bike rack
- Bikeshare bike rack
- Safety railing
- Planting
- Pole top light
- Arm mounted light
- Traffic signal base
- Traffic signal head
- Pedestrian signal head
- Detectable warning surface
- Rumble strip
- Sign

Scale in Feet
Curb Extension Typology: Uptown Northwest Corner Options

Standard

Green

Enhanced Seating

Green + Enhanced Seating

KEY

- Bench
- Trash can
- Movable table & chair
- Umbrella
- Curbside bike rack
- Bikeshare bike rack
- Safety railing
- Planting
- Pole top light
- Arm mounted light
- Traffic signal base
- Traffic signal head
- Pedestrian signal head
- Detectable warning surface
- Rumble strip
- Sign

Scale in Feet

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Washington Street “Complete Street” Redesign

Uptown Northwest Curb Extensions

Washington Street “Complete Street” Redesign

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Uptown Northwest Curb Extensions
Curb Extension Typology: Uptown Northeast Corner Options

Standard

Green

Enhanced Seating

Green + Enhanced Seating

KEY
- Bench
- Trash can
- Movable table & chair
- Umbrella
- Curbside bike rack
- Bikeshare bike rack
- Safety railing
- Planting
- Pole top light
- Arm mounted light
- Traffic signal base
- Traffic signal head
- Pedestrian signal head
- Detectable warning surface
- Rumble strip
- Sign

Scale in Feet

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**Curb Extension Typology:** Uptown Northbound Bus Stop Options

Enhanced Seating

Bikeshare
Curb Extension Typology: Southbound Bus Stop Options

Downtown Southbound

Uptown Southbound