Joint LIRR & MNR Committee

April 18, 2016

East Side Access

48th Street Train Bridge Removal
Train Bridges Over 48th Street, Sunnyside Queens

Multiple Train Bridges Crossing 48th Street

Contract CH057 Work Location

MTA Capital Construction
Before ESA Work

- Four Train Bridges
- Eight Tracks
2014

- New bridge constructed by CH053

New Bridge: Completed by CH053 in 2014

37th Avenue

New Haven 1 (Amtrak)
Port Wash 1 (LIRR)
Main Line 3 (LIRR)
Main Line 1 (LIRR)
New Haven 2 (Amtrak)
Port Wash 2 (LIRR)
Main Line 2 (LIRR)
Main Line 4 (LIRR)

Barnett Avenue
2014

- Temporary Main Line 2 and Permanent Main Line 4 tracks constructed and “thrown” by CH057B

West

37th Avenue

New Haven 1 (Amtrak)

Port Wash 1 (LIRR)

Main Line 3 (LIRR)

Main Line 1 (LIRR)

New Haven 2 (Amtrak)

Port Wash 2 (LIRR)

Temp. Main Line 2 (LIRR)

Perm. Main Line 4 (LIRR)

New Bridge

Barnett Avenue

MTA Capital Construction
2014

- Existing tracks demolished by CH057C in August 2014

MTA Capital Construction
2014

- Existing tracks demolished by CH057C
- Temp. Main Line 2 and Permanent Main Line 4 tracks run over new bridge
2016

- 48th Street Bridge demolished by CH057, April 2016

- 37th Avenue

- Barnett Avenue

- 48th Street

- New Haven 1 (Amtrak)
- Port Wash 1 (LIRR)
- Main Line 3 (LIRR)
- Main Line 1 (LIRR)
- New Haven 2 (Amtrak)
- Port Wash 2 (LIRR)
- Temp. Main Line 2 (LIRR)
- Perm. Main Line 4 (LIRR)

- Bridge Demolished
Each of the 2 long spans weighed 38,000 lbs
• Each of the 4 short sections weighed 26,000 lbs
2016

- 48th Street Bridge demolished by CH057, April 2016
2016

- New 48th Street Bridge to be set in the fall of 2016
2016-2017

- Permanent Main Line 2 tracks to be installed by CH057

New Haven 1 (Amtrak)
Port Wash 1 (LIRR)
Main Line 3 (LIRR)
Main Line 1 (LIRR)
New Haven 2 (Amtrak)
Port Wash 2 (LIRR)
Perm. Main Line 2 (LIRR)
Perm. Main Line 4 (LIRR)
Stub Track (non-revenue)
After ESA Work

- Five Train Bridges (2 new, 3 existing)
- Eight revenue tracks, one stub track for emergencies and lay-up
Thank you