



# Huntington Park Garage Overview

Department of Public Works

01/05/16



# Scope of Work

- **Structural Repairs** – concrete girder repairs/concrete patching/waterproofing
- **Mechanical, Electrical, Plumbing & Fire Protection Upgrades**
  - Replacement of exhaust fans and ducts
  - Repair of electrical conduit and electrical panel replacement
  - Drainage system upgrades
  - Fire suppression and alarm system replacement
  - Four (4) elevator replacements
  - Security camera installation, parking controls



# Scope of Work

- **Architectural / Aesthetic & Security Enhancements**
  - Comprehensive way finding and signage
  - Elevator Improvements
  - Security system
  - Lighting
  - Painting



# Scope of Work

- **Accessibility**
  - Improvements over the years, yet many barriers remain
  - Items identified for upgrade include:
    - Directional signage throughout, particularly accessible and exit routes
    - Ramps along route to elevators
    - Audible signals at elevators
    - Door hardware



# Structural Component Distress



Concrete Wall distress showing delamination and exposed corroded reinforcing steel



Concrete Wall crack with active water leakage



# Structural Component Distress



Typical concrete corbel distress with delaminated concrete and exposed reinforcing steel. Also, loss of bearing of double-tee stem



Concrete corbel with significant distress. Double tee beams required temporary shoring due to loss of bearing



# Structural Component Distress



Concrete column with significant concrete loss and corroded reinforcing steel



Typical distress at column corbel



# Structural Component Distress



Girder required shoring due to web distress



Typical distress at girder flange





# Structural Component Distress



Girder with significant distress



Emergency shoring had to be provided for this girder in Dec. 2014



# HVAC System



Exhaust fan and motor not performing properly.  
Need to be replaced.



Deteriorated, collapsed duct main



# HVAC System



Exhaust duct branches missing



Electric cabinet heater units in need of replacement in office areas



# Electrical System



Corroded electrical conduits



Typical outdated electrical equipment



# Electrical System



Corroded electrical conduits and hangar



Inadequate lighting in stairwells



# Plumbing System



Original roof drain



Typical leaking roof drain causing damage to structure



# Plumbing System



Gutter discharging to sidewalk



No roof drains or gutter to direct water away from sidewalk



# Fire Protection System



Extensive corrosion on FP mains, branch lines, fittings, and couplings



Typical extensive corrosion on mains for dry standpipe system.

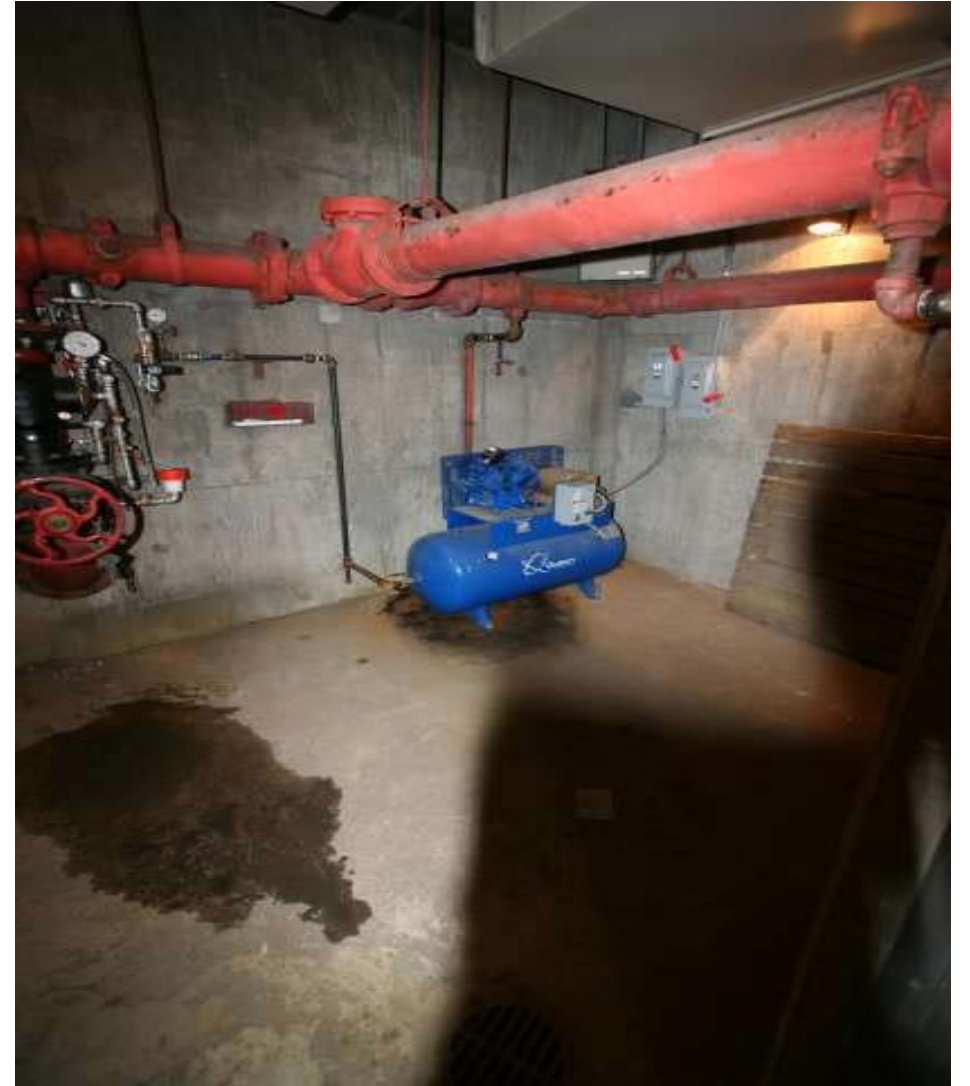




# Fire Protection System



Extensive corrosion on FP mains, branch lines, fittings, and couplings



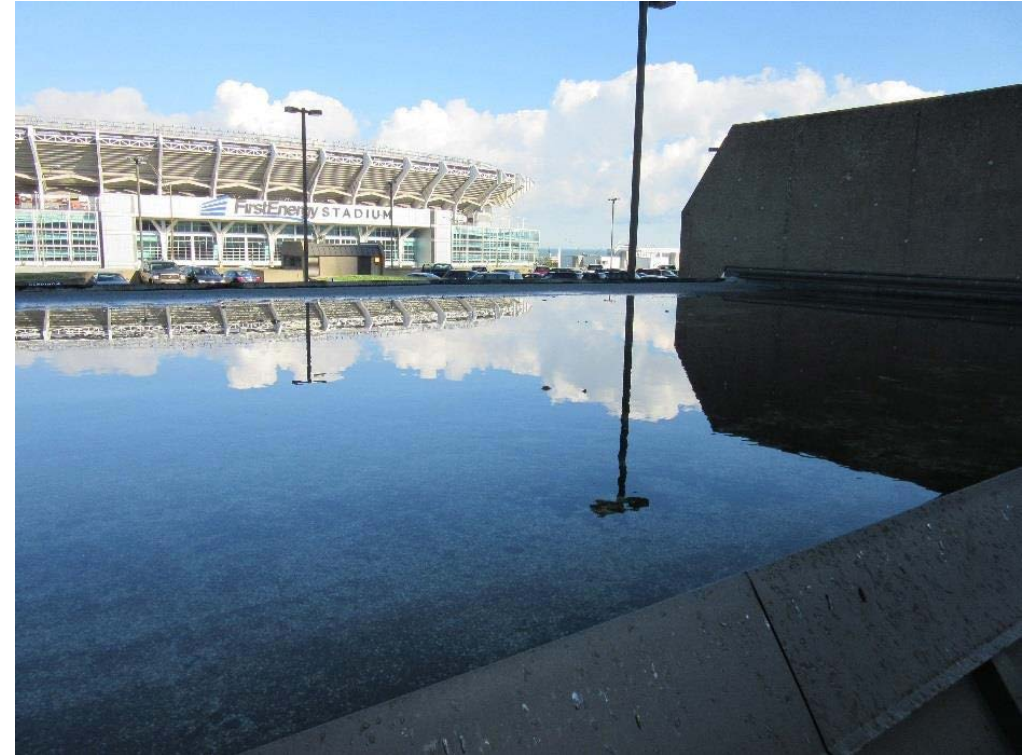
Corrosion on existing riser equipment/Leaking underground supply



# Architectural Conditions



Ponding water and vegetation at roof penthouse



Newer modified bitumen roofing membrane with several inches of ponding water



# Architectural Conditions



Typical ticket booth



Typical corrosion at base of hinged door leaf, frame, and threshold



# Accessibility



Poor visibility of accessible signage and call button; ramp to elevator is too steep and currently not enough room to install proper ramp



Typical non-compliant ramp



# Accessibility



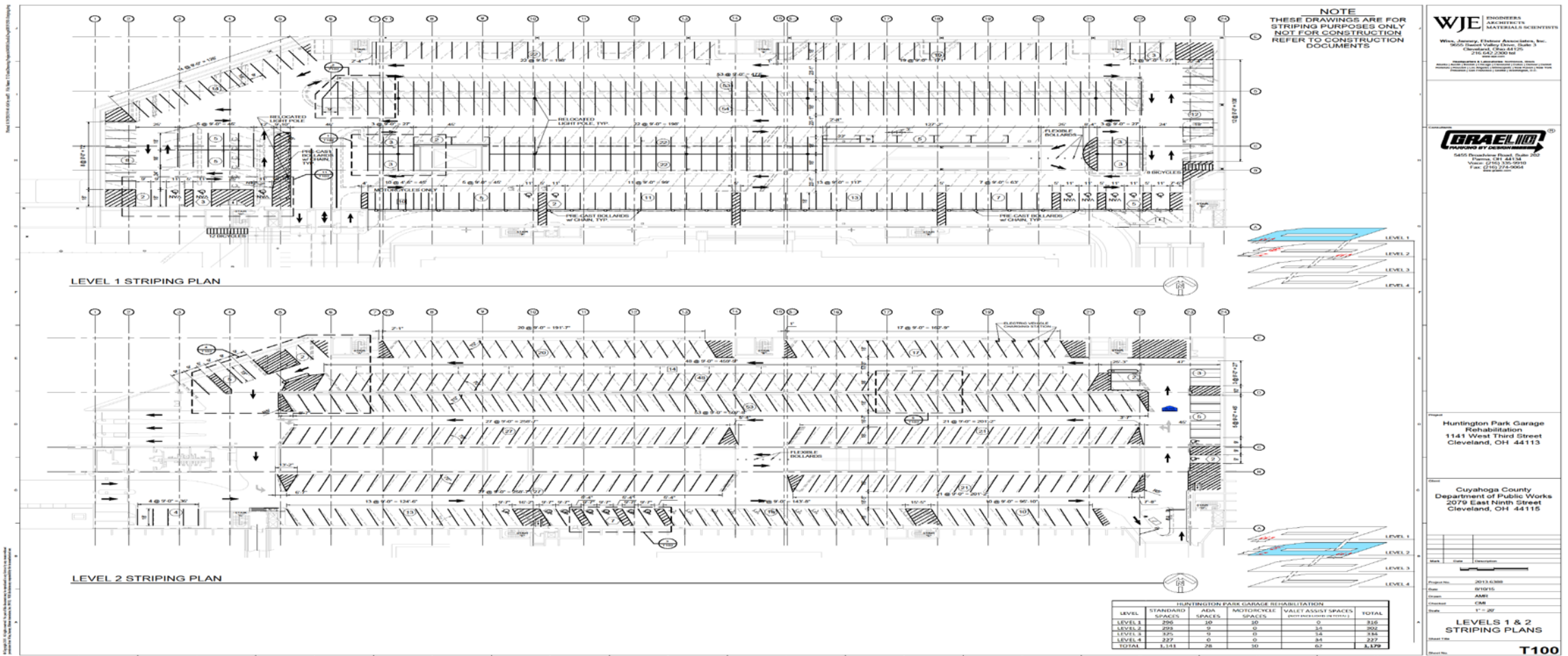
Exit path not visible, sign not illuminated and obstructed by existing ductwork



Exit sign not illuminated

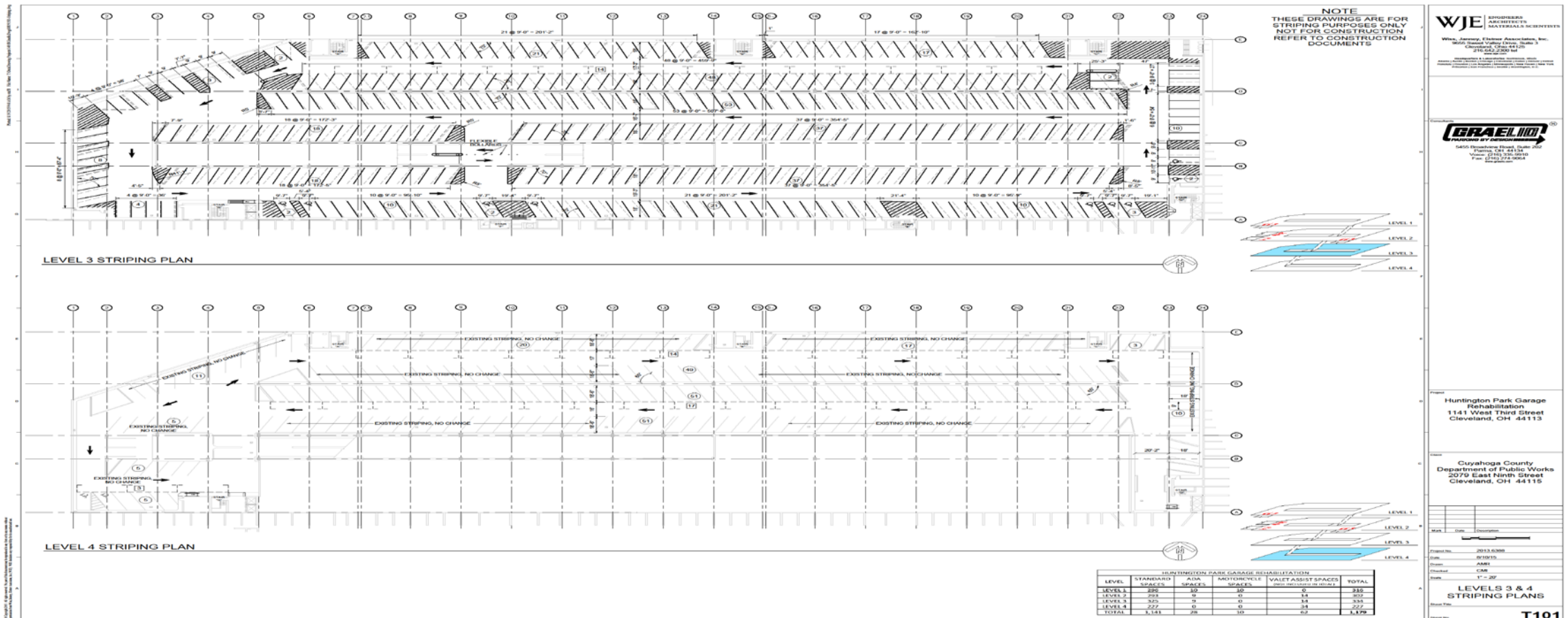


# Levels 1 & 2 Striping Plans





# Levels 3 & 4 Striping Plans





# Distribution of Parking Spaces

	Pre-Construction (2011)	Post-Construction (2017)
Total Available Spaces	1,100	1,179
Administrative Building Monthly	118	0
Government Monthly 1 <sup>st</sup> Shift	382	382
Non-Government Monthly	52	0
Hotel Valet / Self Park	0	410
Convention Center	0	100
Total Monthly Parkers	552	892
Transient Spaces Available	548	287





# Other County Parking Facilities

	Current Monthly Passes	Monthly Passes Available
Courthouse Square (105 Spaces)	65	40
Summit Lot (36 Spaces)	0	36





# Re-Distribution of Parking Spaces

	Pre-Construction (2011)	Post-Construction (2017)
Total Available Spaces	1,100	1,179
Administrative Building Monthly	118	0
Government Monthly 1 <sup>st</sup> Shift	382	306
Non-Government Monthly	52	0
Hotel Valet / Self Park	0	410
Convention Center	0	100
Total Monthly Parkers	552	816
Transient Spaces Available	548	363



# Parking Rate Study- (Garages)



## Garage Rate Information

1. Great Lakes Science Center ( ABM Parking Services)  
Max Rate: \$ 11.00  
Monthly Rate: \$ 65.00
2. 55 Public Square (ABM Parking Services)  
Max Rate: \$ 10.00  
Monthly Rate: \$210.00
3. Tower City Center ( ABM Parking Services)  
Max Rate: \$ 16.00  
Monthly Rate: \$ 200.00
4. 200 Public Square (Standard Parking)  
Max Rate: \$ 15.00  
Monthly Rate: N/A
5. Memorial Plaza (Standard Parking)  
Max Rate: \$ 13.00  
Monthly Rate: N/A
6. Penton Media (ABM Parking Services)  
Max Rate: \$ 12.00  
Monthly Rate: \$ 200.00
7. North Point (Standard Parking)  
Max Rate: \$ 12.00  
Monthly Rate: \$ 170.00



# Parking Rate Study- (Surface Lots)



Average Rates  
Max Rate: \$ 7.28  
Monthly Rate: \$ 113.57

## Surface Lot Information

1. North Coast Harbor ( Standard Parking)  
Max Rate: \$ 5.00  
Monthly Rate: N/A
2. Port of Cleveland ( ABM Parking Services)  
Max Rate: \$ 4.00  
Monthly Rate: \$ 70.00
3. The Pit ( Metro Parking Systems)  
Max Rate: \$ 4.00  
Monthly Rate: \$ 65.00
4. AMB 1 ( ABM Parking Services)  
Max Rate: \$ 5.25  
Monthly Rate: \$ 95.00
5. ABM 2 ( ABM Parking Services)  
Max Rate: \$ 5.25  
Monthly : \$ 85.00
6. Shaia parking ( Shaia's Parking Inc.)  
Max Rate: \$ 13.00  
Monthly Rate: \$ 160.00
7. Shaia Parking ( Shaia's Parking Inc.)  
Max Rate: \$ 11.00  
Monthly Rate: \$ 160.00
8. Metro ( Metro Parking Systems)  
Max Rate: \$ 10.75  
Monthly Rate: \$ 160.00



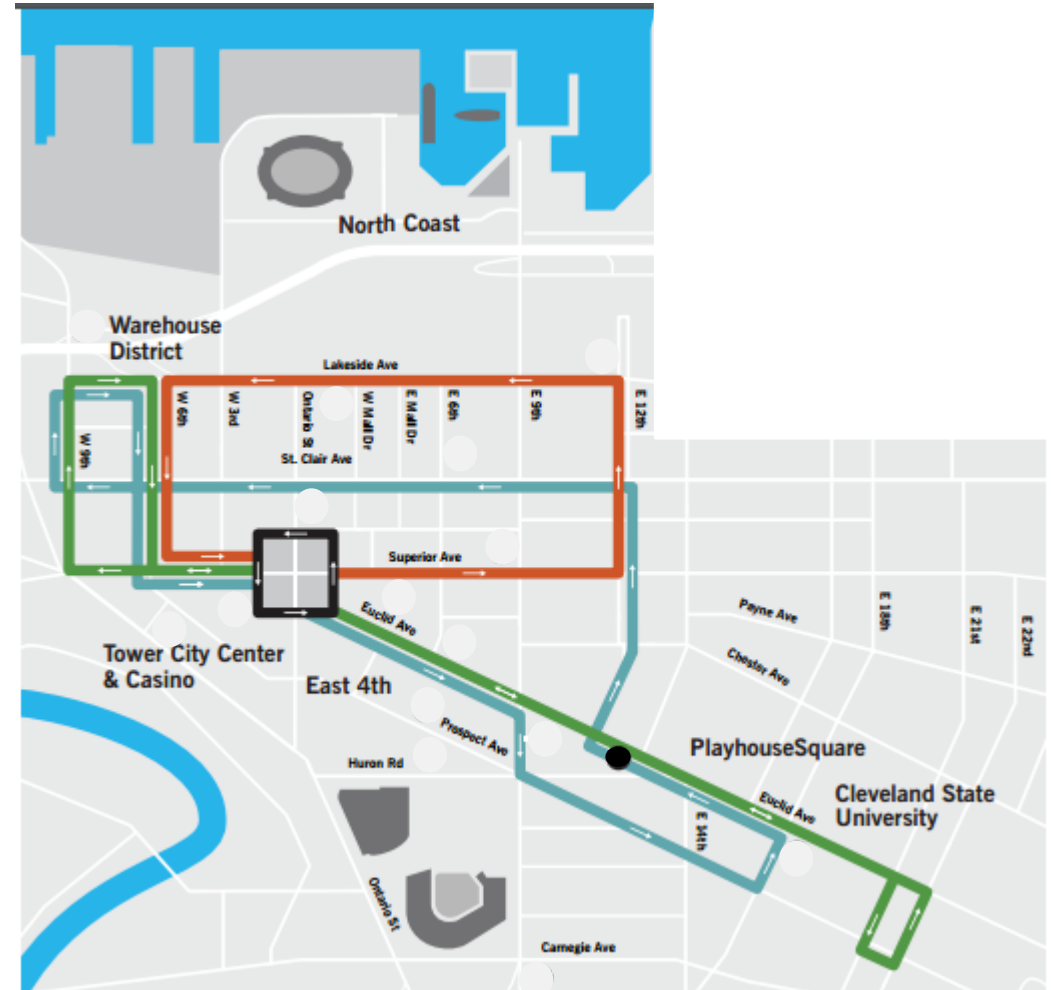
# Existing / Proposed Rates

	Justice Center / Huntington Park Garage		Courthouse Square Surface Lot		Summit Surface Lot	
	Existing	Proposed	Existing	Proposed	Existing	Proposed
Daily Max	\$8	\$10	\$8	-	\$5	-
Government Monthly	\$85	\$105	\$85	\$85	-	\$85
Reserved Monthly (24/7)	-	\$200	-	-	-	-



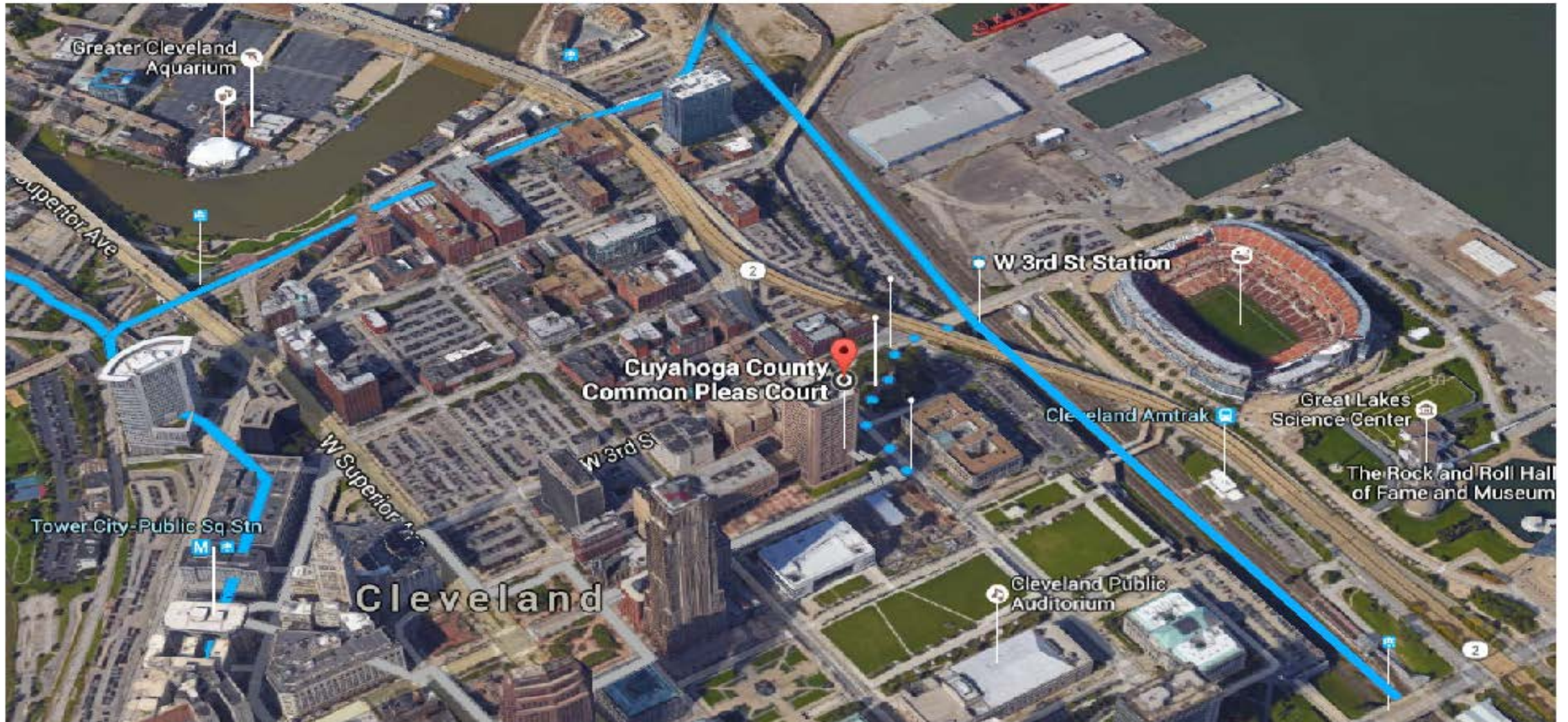
# Other Transportation Options

- GCRTA / County Employee Discounted Bus Pass
- Other Garages / Surface Lots
- GCRTA Trolley Service
  - *Red Line runs every ten minutes*





# Muni Lot / GCRTA Waterfront Line





# Additional Surface Lots



## Surface Lots Around 1642 Lakeside Avenue

1. Bluffs Parking ( Metro)  
Daily Rate : \$1.25
2. ABM Main Lot (ABM Parking)  
Daily Rate: \$3.25
3. 1412 Lakeside (ABM Parking)  
Daily Rate: \$5.50
4. Barrister's (ABM Parking)  
Daily Rate: \$5.00
5. Lot E13 (ABM Parking)  
Daily Rate: \$ 3.25
6. Lot E12 (ABM Parking)  
Daily Rate: \$ 3.25
7. Grubach Lot (ABM Parking)  
Daily Rate: \$2.00
8. Grossman Lot (ABM Parking)  
Daily Rate :\$ 2.00