Cleveland Multimodal

Technical Feasibility, Site Analysis and Area Development Plan
Presentation

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1. Introduction
2. Project Conception

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3. Project Development

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4. Final Concept

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5. Next Steps
## Project Team

### Project Management Team

*Cleveland Planning Commission*

### Consultant Team

*WSP | Parsons Brinckerhoff*

*AECOM*

*Peter Lawson Jones*

### Technical Advisory Committee

*Amtrak*

*Bike Cleveland*

*City of Cleveland*

*Cleveland City Council*

*Cuyahoga County*

*Destination Cleveland*

*Downtown Cleveland Alliance*

*GCRTA*

*Greyhound*

*Group Plan*

*NOACA*

*ODOT*

*Port of Cleveland*
Project Conception

1. Develop conceptual plan for a multi-modal transportation facility
   - Amtrak
   - Greyhound
   - RTA Services (Waterfront Line, Downtown Trolleys, Regional Express Buses)
   - Regional transit buses (RTA, Akron Metro, Laketran, others)
   - Other transportation services (shuttle buses, taxis, rental cars, bike share, etc.)
   - Associated services and amenities
   - Potential joint development opportunities (secondary site)

2. Preferred location
   - West of E. 9th Street

3. Develop conceptual plan for the station and the site
   - Draft concepts
     - Grand Hall
     - Promenade
   - Final concept
Project Goals

The plan goals include and support the following elements:

- Convenient connections
- Modal choice and accessibility
- Transit-Oriented Development
- Mixed-use development
- Vibrant place for commerce

- Iconic, memorable and vibrant place
- Attractive, contextual, sense of place
- Safe
- Cost effective
- Public health
Existing Conditions

- Lakefront Development Plan
- Lakefront Pedestrian Bridge
- Initial Muni Lot Concept
- Traffic Operations & Site Access
Lakefront Development Plan (2015)
Lakefront Pedestrian Bridge (2015)

The multi-modal facility concept was developed with consideration of this pedestrian bridge concept plan, but the actual bridge may vary when it is built.
Pedestrian Bridge

Amtrak Parking Area
Initial Muni Lot Concept (2014)

Secondary Site
Bus only operations at east end of Muni Lot

Primary Site  West of E. 9th St.
Traffic Operations and Site Access
Greyhound Operations & Considerations

Site visit Wednesday, February 3, 2016

- Saw-tooth bus bays configuration (45 degree)
- Single-level operations
  - Personnel co-located with main operations
  - Drivers with buses for load counts & paperwork
  - Impact on operating costs
- Initial bay designated for refueling
- Staffing and program needs
  - 12,000 SF Facility
  - 30,000 SF Site
- Bus circulation
  - Bus staging
  - Bus access
  - Bus security
- Bus boarding & queuing
- Rider amenities in close proximity
- Capital funding program
  - Parent company in United Kingdom
Current Greyhound Access
Proposed Bus Access to/from East
Proposed Bus Access to/from South & West
RTA Operations & Considerations

Site visit Monday, September 21, 2015

- North Coast Harbor Station
  - Waterfront Line
  - Built 1996

- Pedestrian access via E.9th Street

- Entrance facility
  - Elevator/stairs to bridge
  - ± 350 SF

- Enclosed bridge
  - Temperature & ventilation

- Head house
  - Maintain vertical circulation to rail platform
Amtrak Operations & Considerations

Site visit Tuesday, December 29, 2015
Westbound Lake Shore 49 to Chicago
Eastbound Lake Shore 48 to New York

• Retain platform access
  – Operational requirements
  – Railroad coordination

• Interior space functions well
  – Passenger areas
  – Back of house
  – Staffing

• Additional Observations
  – Outdoor queuing and passenger waiting environment
  – Mix of baggage / passenger flow
  – Single point boarding
  – Platform width
  – Signage and wayfinding
  – Exterior lighting
  – Smoking areas
  – Vehicle parking & queueing
Concept Development
Inspiration | Great Halls

^Grand Central Station, New York, NY [Google Images]

> Miami Central Station, Miami, FL [Google Images]
> Grand Central Birmingham, Birmingham, AL [Google Images]
Inspiration | Great Lakes Exposition, 1936-37
A nod to the “Court of Presidents” in our “Transit Court”.

• Stone pilasters with a bronze plaque for each of eight “Ohio Presidents”.
• Metal mesh fabric sails, LED illuminated.
Inspiration | Canopy Styling

Transportation forms of the mid-30’s.
Concept Development | Site Diagram
Concept Development | Mixed-Use Opportunity
Site Concepts | Offset alignment
Site Concepts | Track alignment
Site Concepts | Center Alignment

- Amtrak
- RTA
- MMF Parking
- Covered Walkway
- Greyhound Bus
- RTA
- MMF Entry
- Shoreway
- Red Bridge
- E. 9th Street
Cleveland Multimodal | Project Cost Estimate

• Total Project Cost:
  – $44.3 million
  – $48.1 million
  (in 2019 dollars)

• Includes final design and construction.
Cleveland Multimodal | Next Steps

- Acquire Funding
  - Project Sponsors
  - Federal

- Build support
  - Stakeholders
  - City
  - State
  - Federal
Thank You | Questions?