SALEM INTERMODAL STATION
APRIL 9, 2012 PRESENTATION
DESIGN PRESENTATION

✔ Purpose of Feb 16 discussion: input on project function & features

➢ Purpose of April 9 discussion: input on building design strategies

Purpose of June discussion: input on building & site specifics

April 9, 2012 discussion topics:

- Project Overview – schedule, function, features
- Approach to building design strategies
- Building design strategy options
April 9th, 2012

Schedule

Salem, MA

MBTA Station Improvements and Parking Garage
Salem, Massachusetts

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DESIGN:
✓ Fall/Winter 2011: Subsurface investigations, initial functional planning
✓ Feb 16, 2012: Initial public meeting - planning
- April 9, 2012: Second public meeting – design strategies
- June 2012: Third public meeting – 30% design
- Summer 2012: Final design

PERMITTING:
- Summer 2012: State MEPA filing & comment
- Fall 2012: State Chapter 91 filing & comment
- Fall 2012: Local/City permitting process

CONSTRUCTION:
- Spring 2012: Limited archeology work on-site
- Spring/summer 2013: Primary construction start
- Fall 2014: Substantial completion, garage/station open
- Winter 2014: Final completion, project complete
NEW TRAFFIC SIGNAL

NEW TRAFFIC PRIMARY FUNCTIONAL ELEMENTS:

1. GROUND TRANSPORTATION SYSTEM
2. PARKING GARAGE
3. FULL-HEIGHT STATION PLATFORM
4. ENCLOSED WAITING ROOM
5. PEDESTRIAN BRIDGE FROM WASHINGTON STREET

WAITING ROOM/LOBBY

PEDESTRIAN BRIDGE

GARAGE STRUCTURE

PUBLIC SPACE

(3) MBTA STANDARD CANOPIES

FULL-HEIGHT PLATFORM
CAR COUNT TABLE

<table>
<thead>
<tr>
<th>LEVEL</th>
<th>CARS</th>
<th>TOTAL</th>
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<tbody>
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<td>109</td>
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<tr>
<td>4TH</td>
<td>116</td>
<td>550</td>
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</table>
CIRCULATION DIAGRAM

CAR COUNT TABLE

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</table>

2ND FLOOR PLAN

UPPER FLOORS PLAN

Enlarged plans

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GROUND TRANSPORTATION DIAGRAM:

- **Mode Origination**
- **Mode Destination**
- **Pedestrian Access**
- **KISS N' Ride Traffic**
- **Bus Traffic**
- **Auto Parking Traffic**
- **Bicycle Access**
- **Taxi**

**Garage Structure**
NEW TRAFFIC SIGNAL

SITE ENTRY/EXIT

NEW TRAFFIC SIGNAL

SITE ENTRY/EXIT

PEDESTRIAN ACCESS
KISS N’ RIDE TRAFFIC
BUS TRAFFIC
AUTO PARKING TRAFFIC
BICYCLE ACCESS
TAXI

BICYCLE STORAGE
FULL-HEIGHT PLATFORM
(3) MBTA STANDARD CANOPIES

PRIMAR Y FUNCTIONAL ELEMENTS:

1. GROUND TRANSPORTATION SYSTEM
2. PARKING GARAGE
3. FULL-HEIGHT STATION PLATFORM
4. ENCLOSED WAITING ROOM
5. PEDESTRIAN BRIDGE FROM WASHINGTON STREET
PLATFORM ACCESS

April 9th, 2012

Site plan

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Enlarged plans - WAITING AREA

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Building design strategies

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SALEM INTERMODAL STATION - DESIGN PRINCIPLES:

- Functional and durable
- Safe and secure
- Improve passenger experience
- Improve accessibility for all
- Respect its context
- Respect the budget
- Respect the environment

DESIGN APPROACH:

- Research and analysis
- Basic requirements – optimize value
- Strategies for additional project features
SALEM INTERMODAL STATION - CHALLENGES:

- Site geometry
- Active station
- Subsurface historic artifacts
- Poor soil conditions
SALEM INTERMODAL STATION - BASIC COMPONENTS:

- Safe and efficient site circulation – all modes
- Full-height, full-length platform with minimum standard canopies
- Safe and secure parking structure for minimum of 550 cars

Additional important features:
- Passenger comfort/convenience
- Context-appropriate design
PUBLIC COMMENT & INPUT – BUILDING DESIGN:

1. WEATHER PROTECTION
   - Canopies
   - Enclosed lobby
   - Heat
   - Views

2. CONTEXT SENSITIVE
   - Scale
   - Color
   - Material
   - Texture
BUILDING DESIGN STRATEGIES:

**BALANCE:** Address aspects of both city context and user amenity

Option A1 - “Connectivity”
Option A2 – “Maritime”

**EMPHASIS:** Maximize investment in one area

Option B1 - “Passenger experience”
Option B2 - “Urban fabric”
A1: Connectivity

BALANCE STRATEGY

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Urban Context

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CONNECTIVITY

MASSING

MATERIALS

CONNECTIVITY

OPTION A1

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A1 Connectivity: MATERIALS / IDEAS

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architects

CONTEXTUAL IMAGES
BALANCE STRATEGY

A2: Maritime
B1: Passenger experience
OPTION B1: PASSENGER EXPERIENCE

MASSING

MATERIALS

CONTEXTUAL IMAGES

April 9th, 2012 | B1 Passenger Experience - MATERIALS / IDEAS

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EMPHASIS STRATEGY

B2: Urban fabric
OPTION B2:

URBAN FABRIC

MASSING

MATERIALS

CONTEXTUAL IMAGES

April 9th, 2012 | B2 Urban Fabric - MATERIALS / IDEAS

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OPTION A1: CONNECTIVITY

OPTION A2: MARITIME

OPTION B1: PASSENGER EXPERIENCE

OPTION B2: URBAN FABRIC

April 9th, 2012
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