

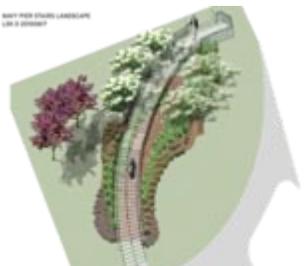


# *Navy Pier Flyover - Lakefront Trail Improvements*

*From Jane Addams Park to the Chicago River*

**RICHARD M DALEY, MAYOR**

THE CITY OF CHICAGO • DEPARTMENT OF TRANSPORTATION • DIVISION OF PROJECT DEVELOPMENT

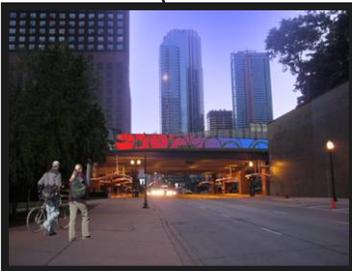
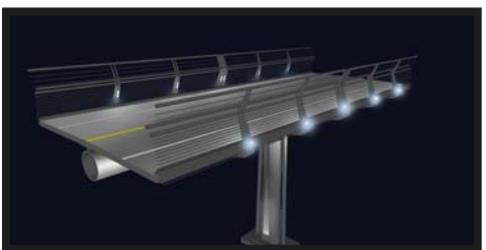


CDOT  
 Proposed Improvements - Looking Toward North Tower  
**LAKEFRONT TRAIL IMPROVEMENT**  
 JANE ADDAMS PARK TO THE CHICAGO RIVER



Detail of column and deck lighting

**NAVY PIER FLYOVER - LAKEFRONT TRAIL IMPROVEMENT**



## Segment 3

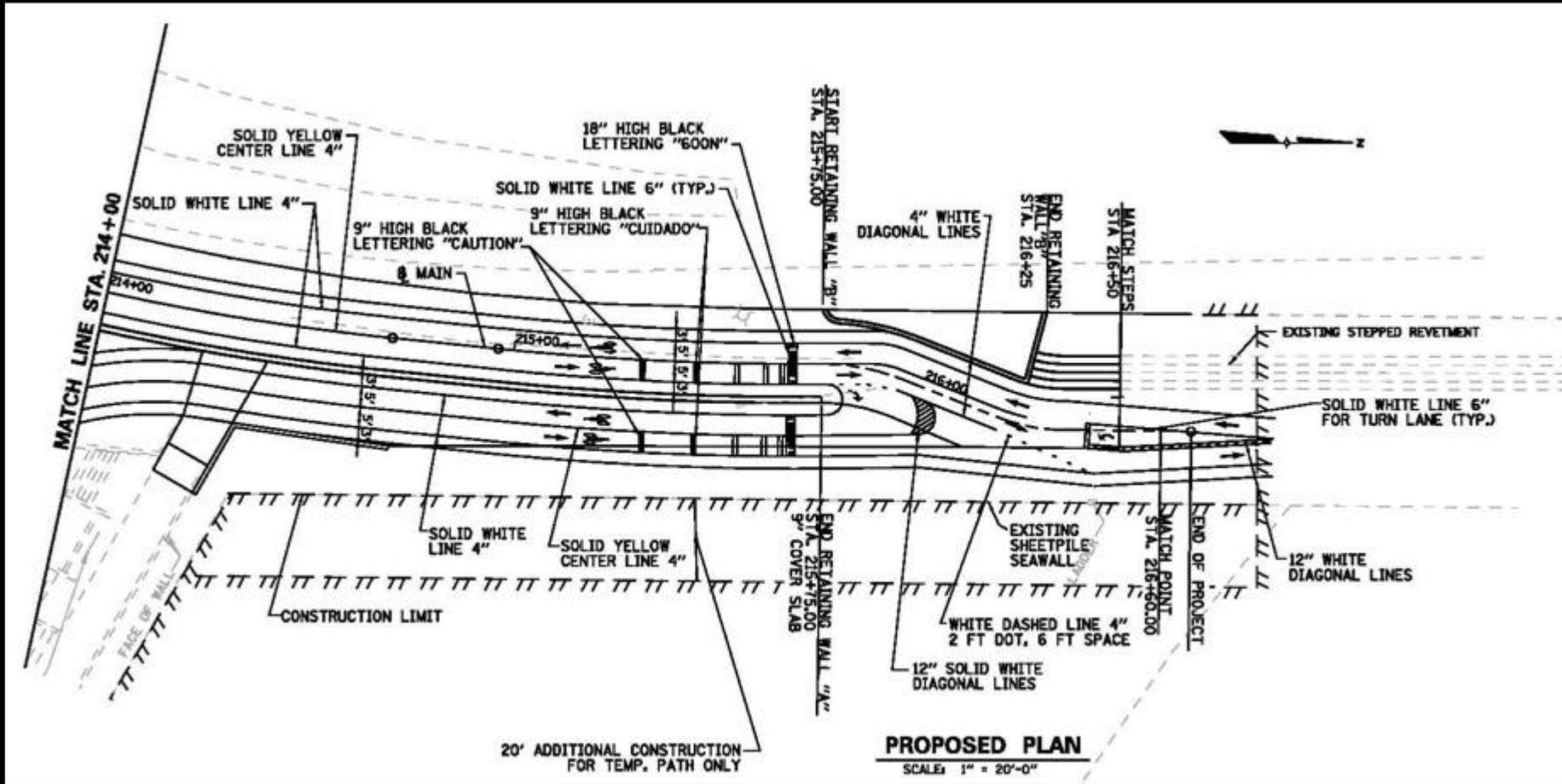
Lakefront Trail from  
Ogden Slip to  
Jane Addams Park



**NORTH** 

**RICHARD M DALEY, MAYOR**  
THE CITY OF CHICAGO • DEPARTMENT OF TRANSPORTATION • DIVISION OF PROJECT DEVELOPMENT

North End Plan  
**Lakefront Trail Improvement**





**RICHARD M DALEY, MAYOR**

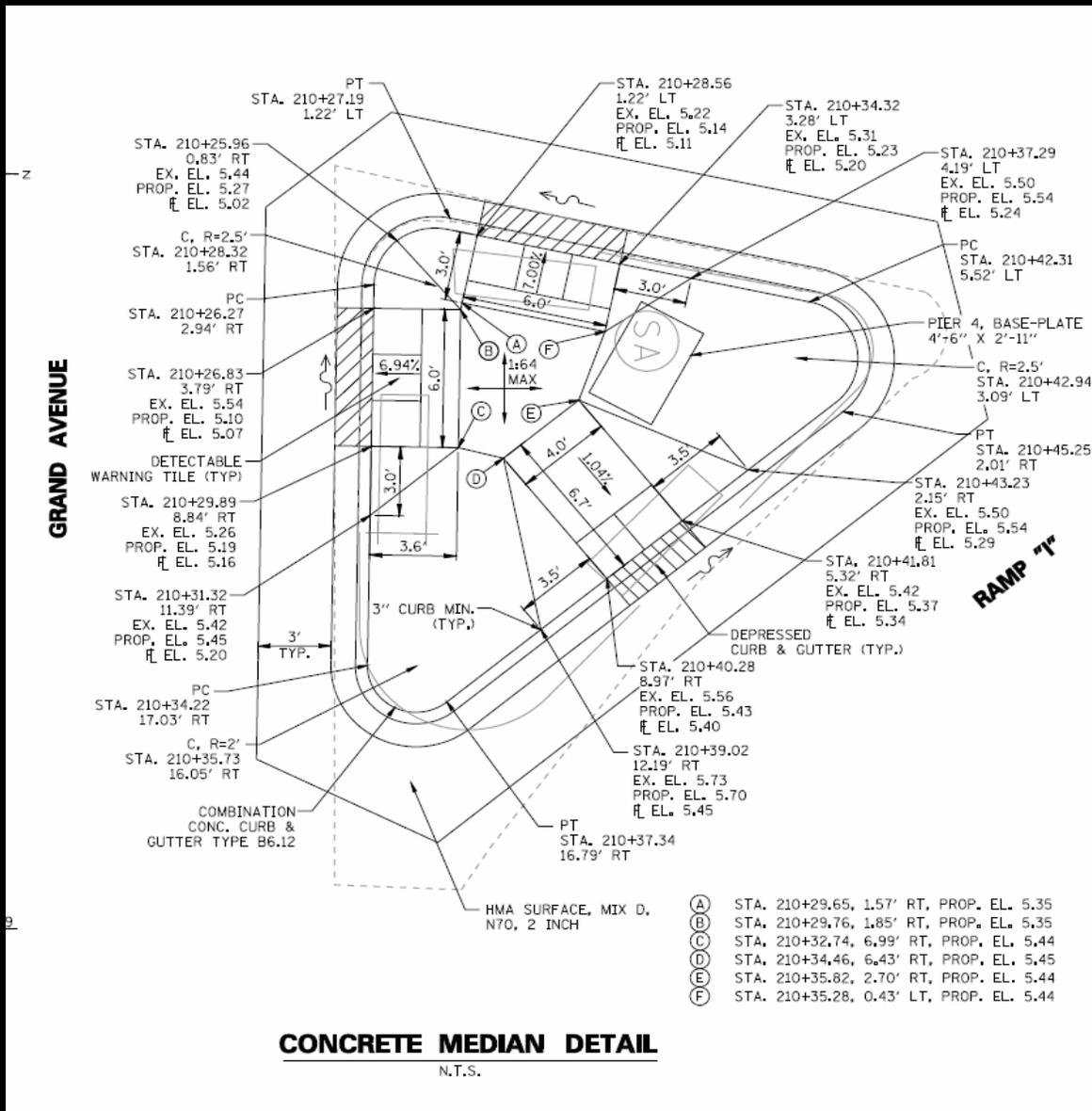
THE CITY OF CHICAGO • DEPARTMENT OF TRANSPORTATION • DIVISION OF PROJECT DEVELOPMENT

View in Jane Addams Park  
Under Bridge  
**Lakefront Trail Improvement**



**RICHARD M DALEY, MAYOR**  
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Lakefront Trail Flyover  
At Grand Ave.  
**Lakefront Trail Improvement**



ADA Detail At Grand Ave.

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**Lakefront Trail Improvement**

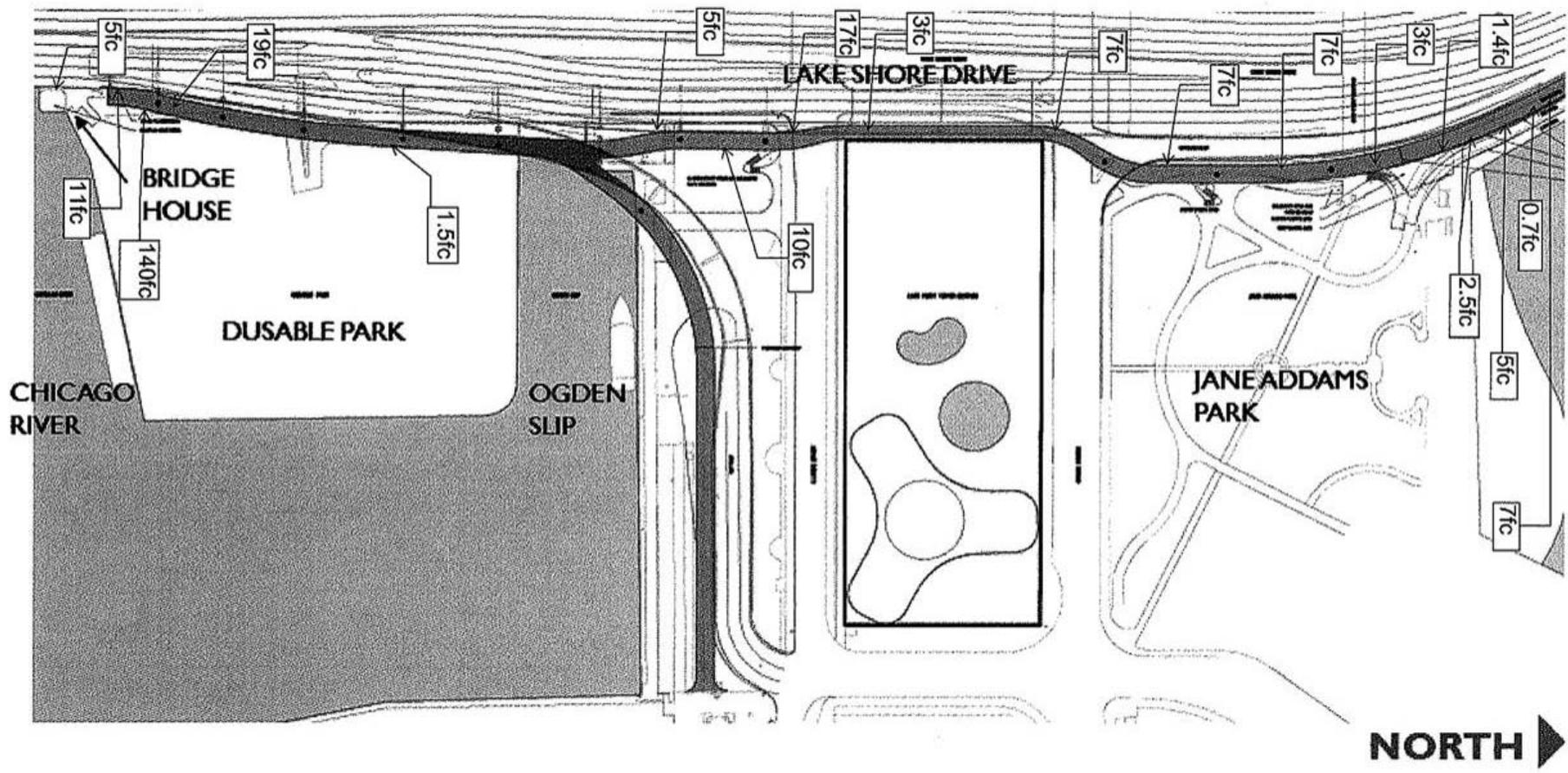


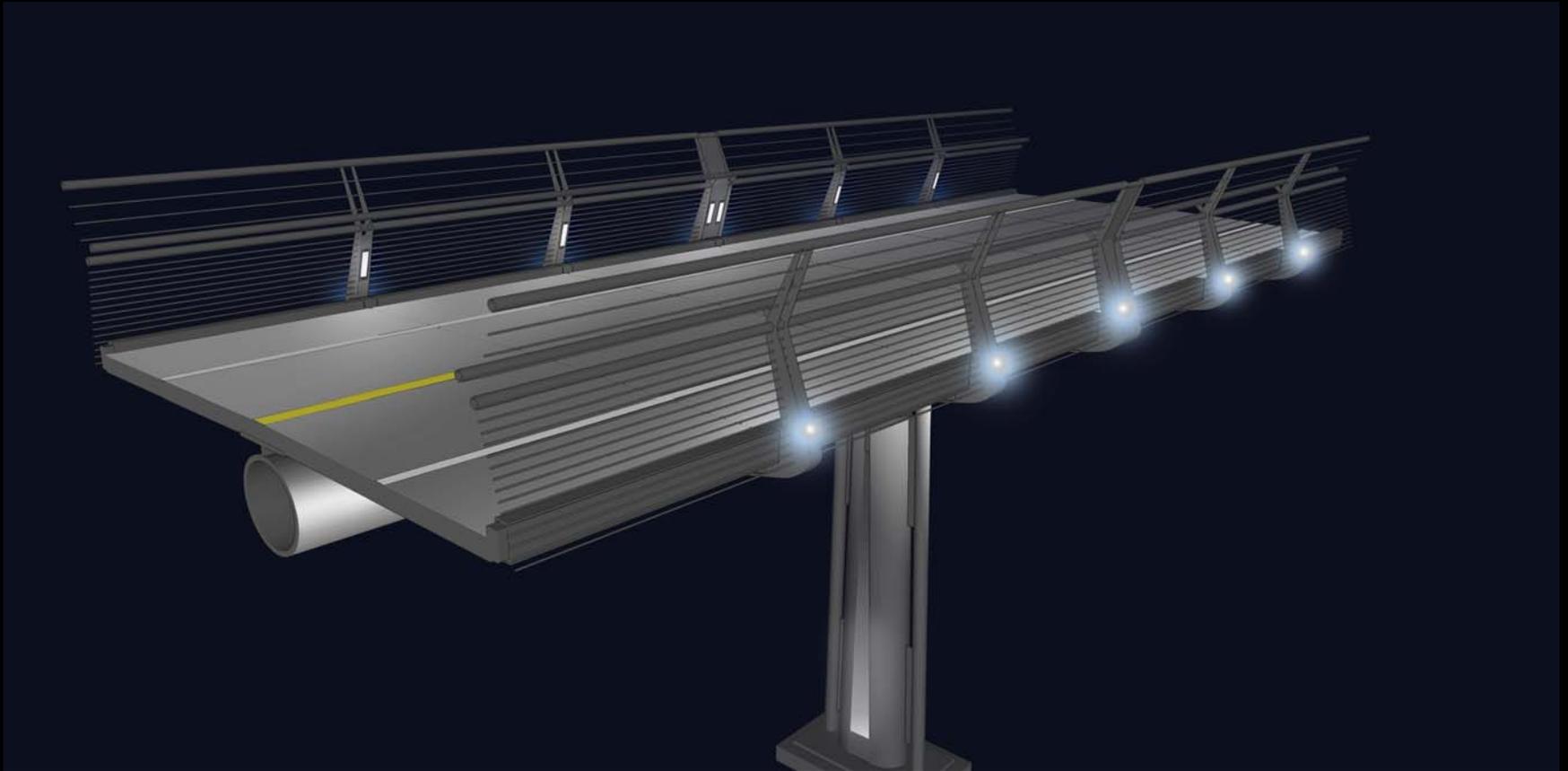


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Typical Structure View from Below  
**Lakefront Trail Improvement**









LEGEND



GYMNOCLADUS DIOICA  
'PRAIRIE TITAN'



MALUS 'DREAM PINK'



ROSA RUGOSA 'NEARLY WILD'

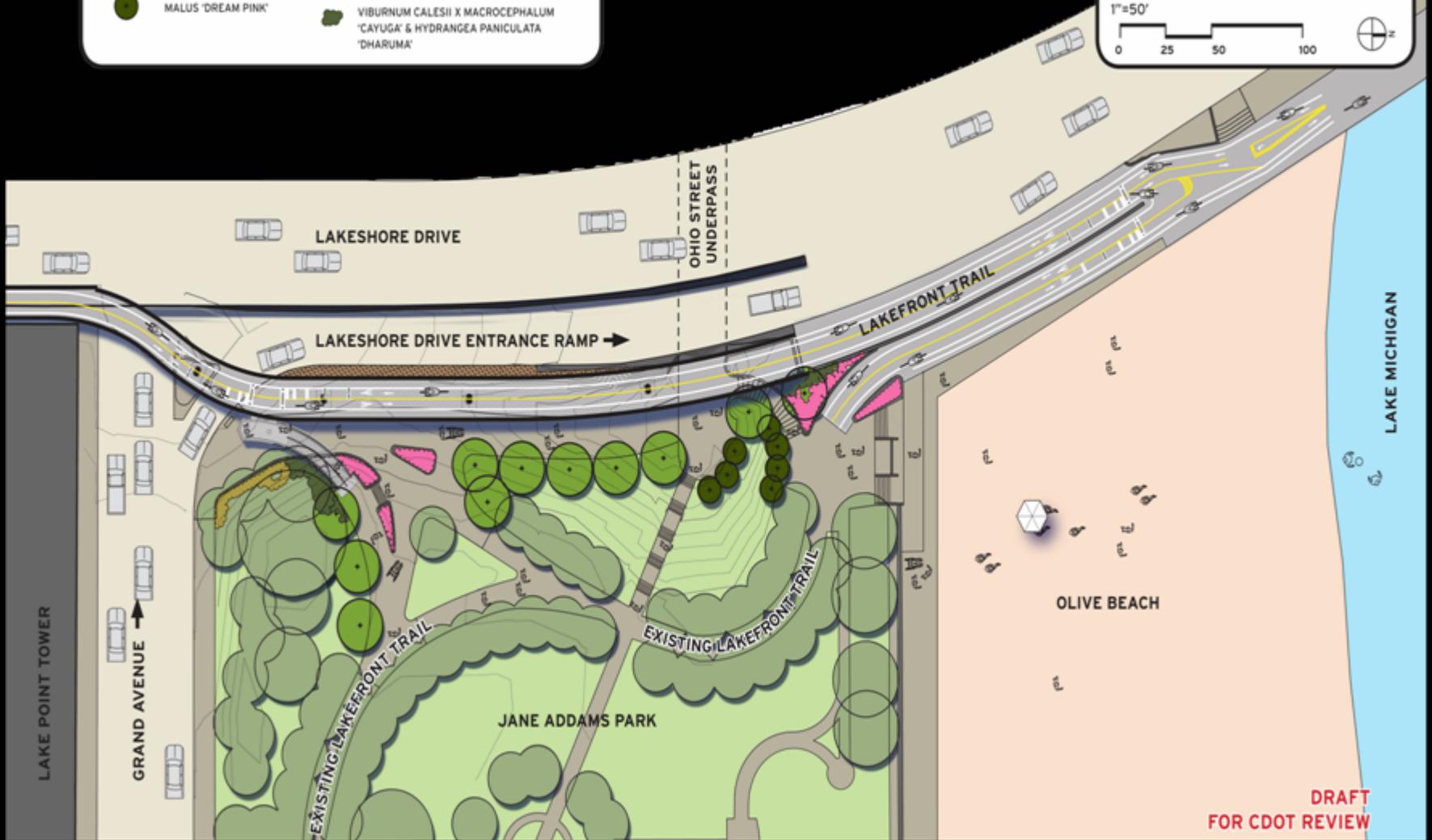
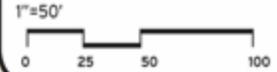


HYDRANGEA QUERCIFOLIA 'PEE WEE'



VIBURNUM CALESII X MACROCEPHALUM  
'CAYUGA' & HYDRANGEA PANICULATA  
'DHARUMA'

LAKEFRONT TRAIL  
JANE ADDAMS PARK AND  
OLIVE BEACH  
OPTION 1



DRAFT  
FOR CDOT REVIEW

**RICHARD M DALEY, MAYOR**

THE CITY OF CHICAGO • DEPARTMENT OF TRANSPORTATION • DIVISION OF PROJECT DEVELOPMENT

Jane Addams Park Plan  
Lakefront Trail Improvement

## SHADE AND ORNAMENTAL TREES



LARIX DECIDUA



GYMNOCLADUS DIOICA  
'PRAIRIE TITAN'



SYRINGA PEKINENSIS  
'CHINA SNOW'



MALUS 'DREAM PINK'

## SHRUBS AND ORNAMENTAL GRASS



ROSA RUGOSA 'NEARLY WILD'



HYDRANGEA QUERCIFOLIA 'PEE WEE'



HYDRANGEA PANICULATA  
'DHARUMA'



VIBURNUM CALESII X  
MACROCEPHALUM 'CAYUGA'



SPIRAEA X CINEREA 'GREFSHEIM'



SCHIZACHYRIUM SCOPARIUM

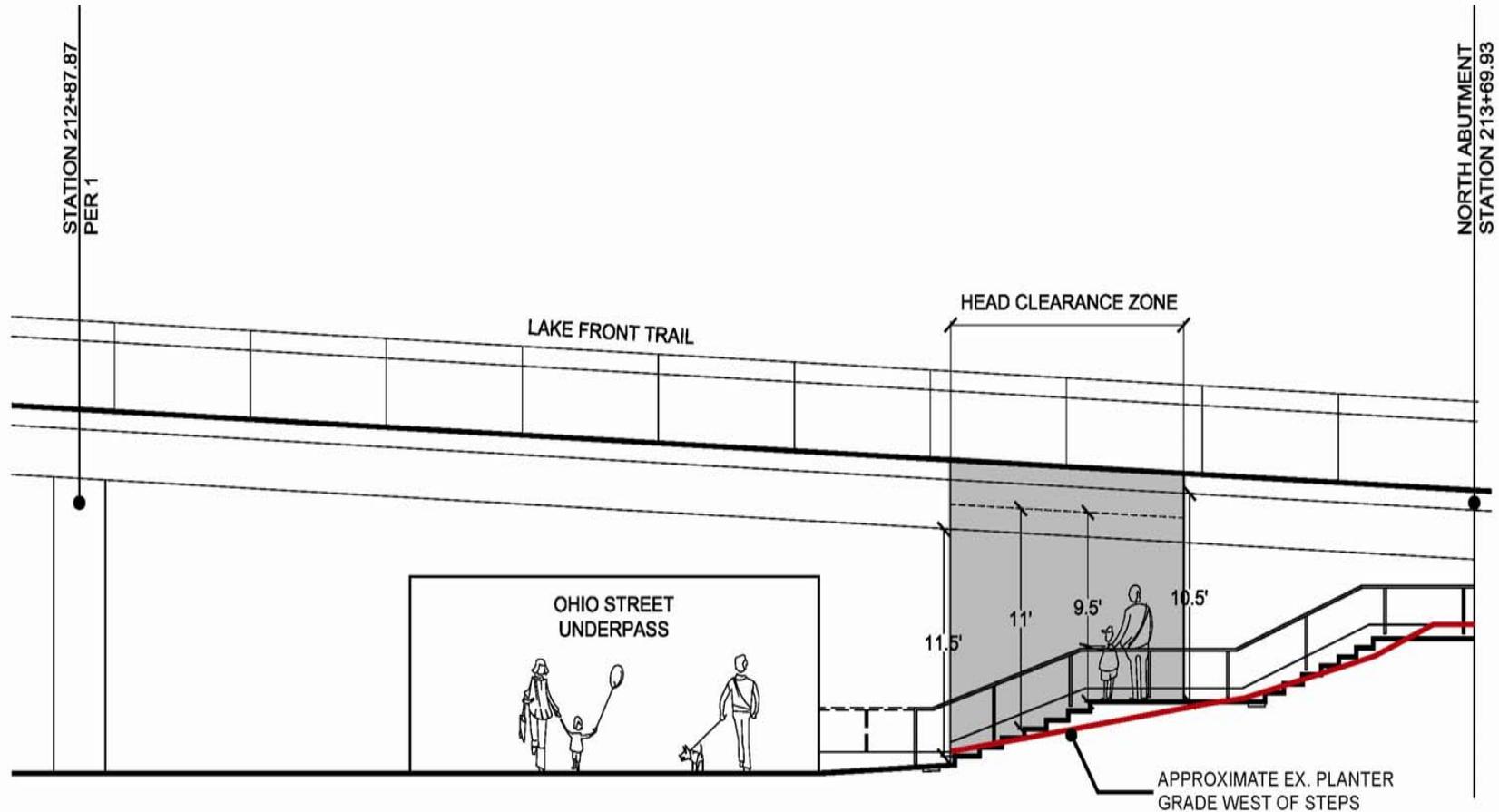


SPOROBOLUS HETEROLEPIS

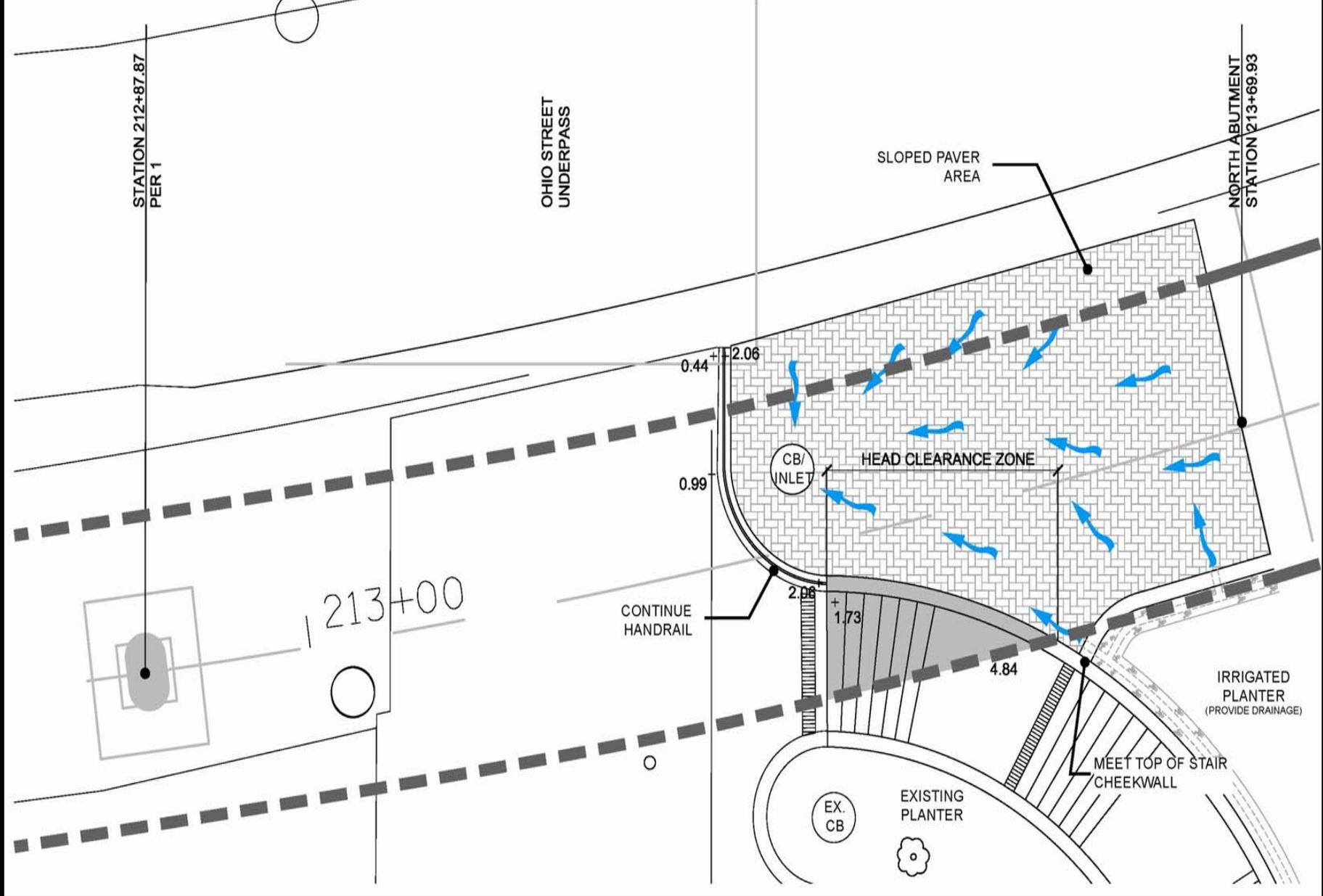
**Landscape: Proposed Plants – Jane Addams Park and Olive Beach**



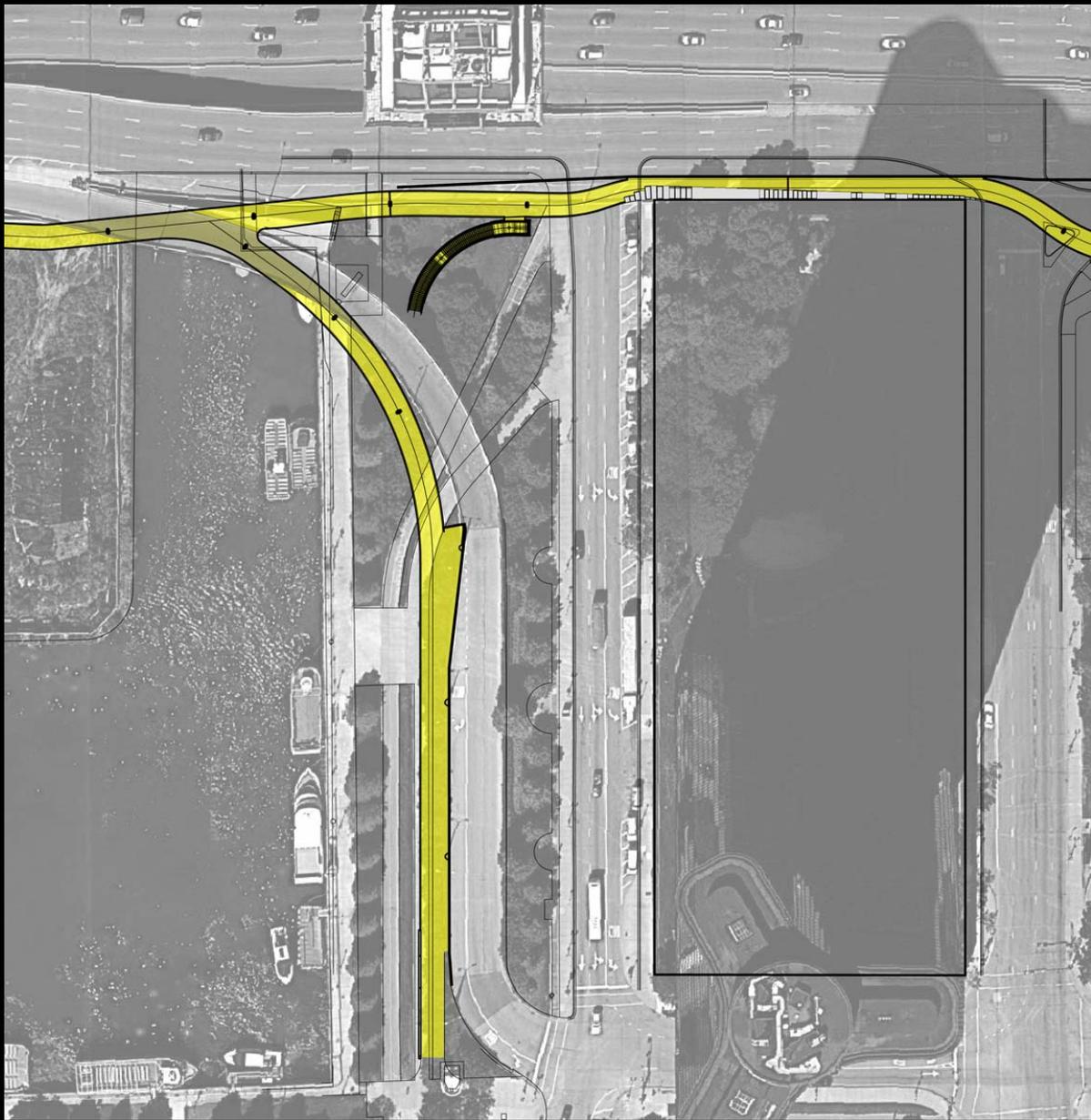
APPROXIMATE HEAD CLEARANCE HEIGHTS -  
EX. STAIR IMAGERY - LSK B1 20100611



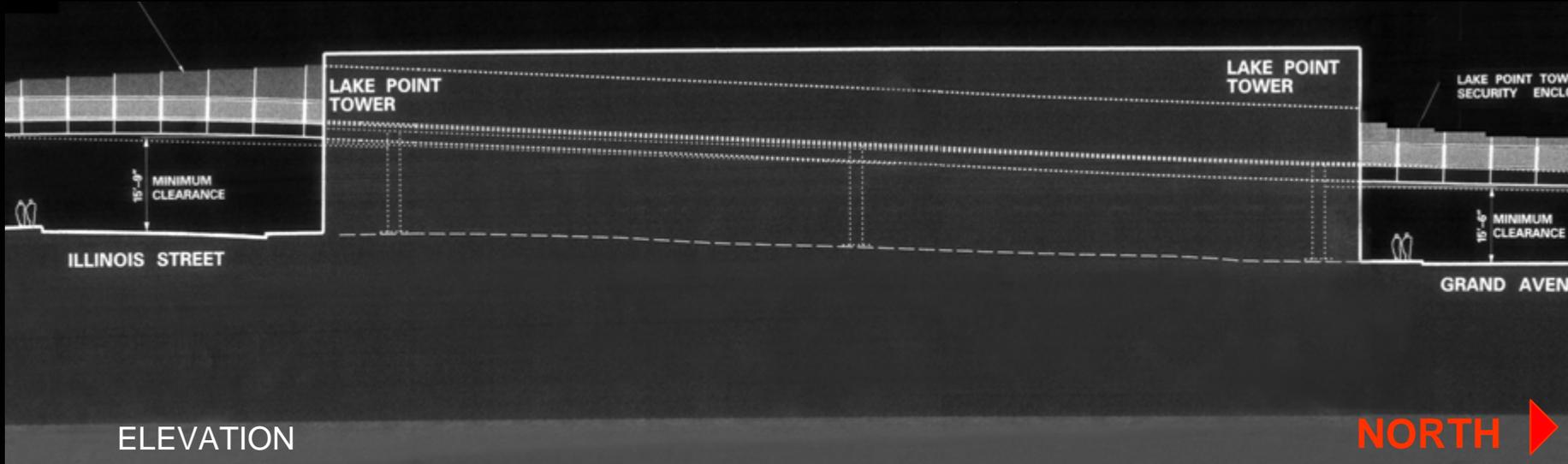
APPROXIMATE HEAD CLEARANCE HEIGHTS  
LSK A 20100611







**NORTH** 

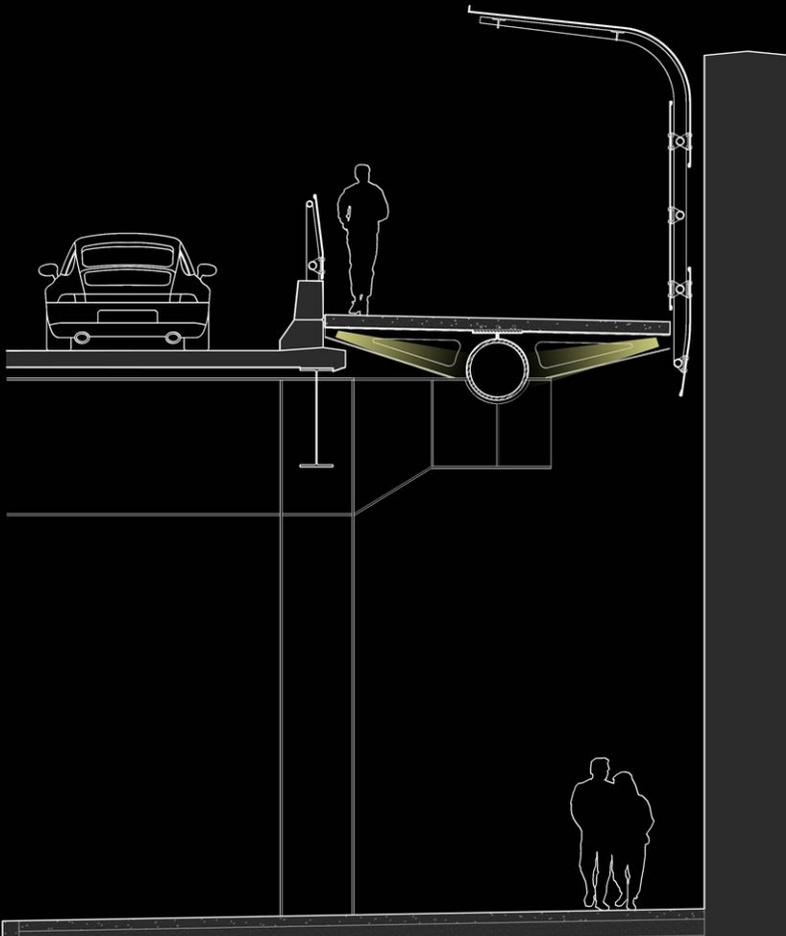


**RICHARD M DALEY, MAYOR**

THE CITY OF CHICAGO • DEPARTMENT OF TRANSPORTATION • DIVISION OF PROJECT DEVELOPMENT

Plan and Elevation  
At Lake Point Tower  
Lakefront Trail Improvement





PARTIAL ENCLOSURE SECTION

**RICHARD M DALEY, MAYOR**

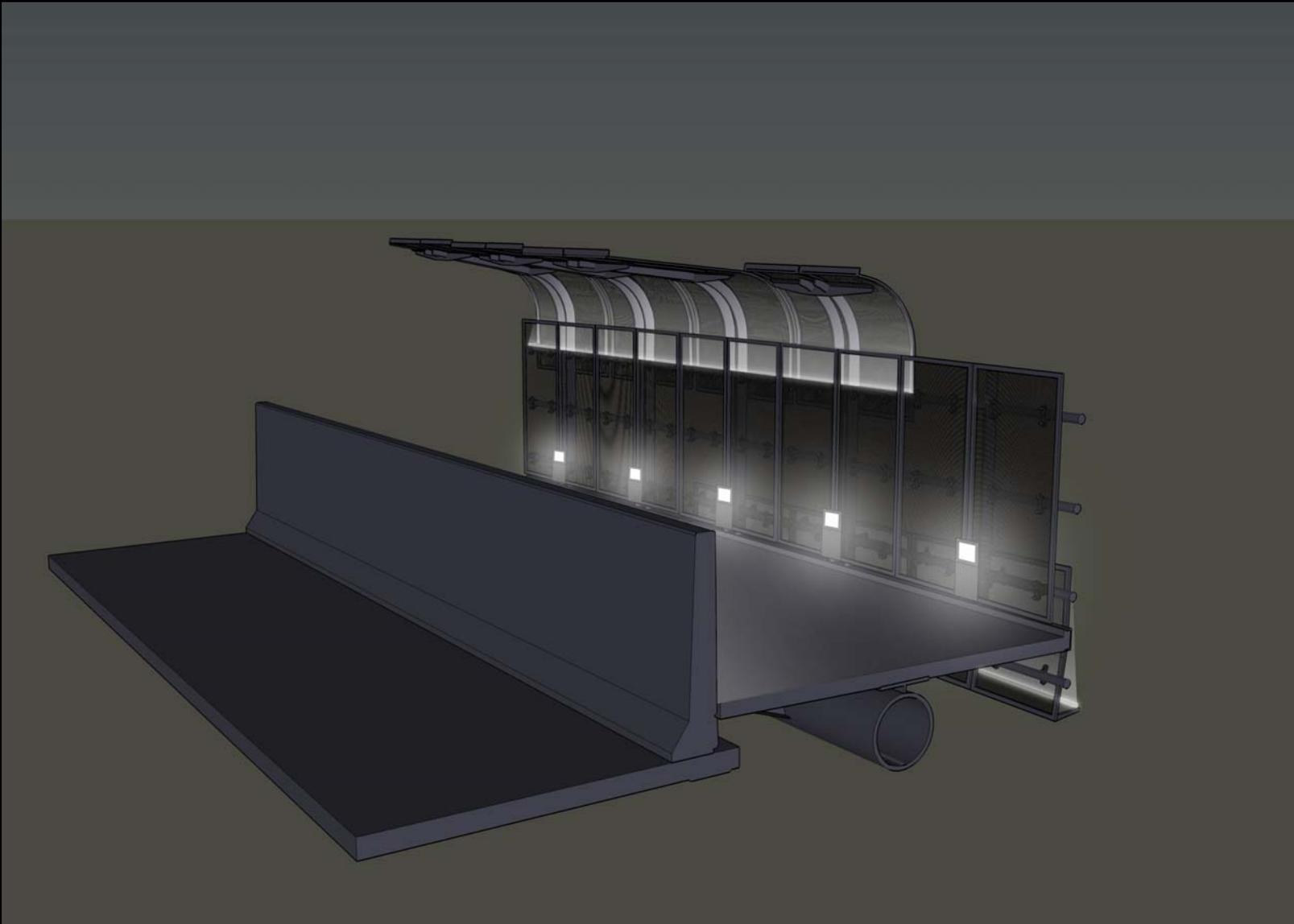
THE CITY OF CHICAGO • DEPARTMENT OF TRANSPORTATION • DIVISION OF PROJECT DEVELOPMENT

Trail Adjacent to LPT with  
Security Barrier Section  
**Lakefront Trail Improvement**



**RICHARD M DALEY, MAYOR**  
THE CITY OF CHICAGO • DEPARTMENT OF TRANSPORTATION • DIVISION OF PROJECT DEVELOPMENT

Proposed  
View North From Lake Shore Dr.  
**Lakefront Trail Improvement**

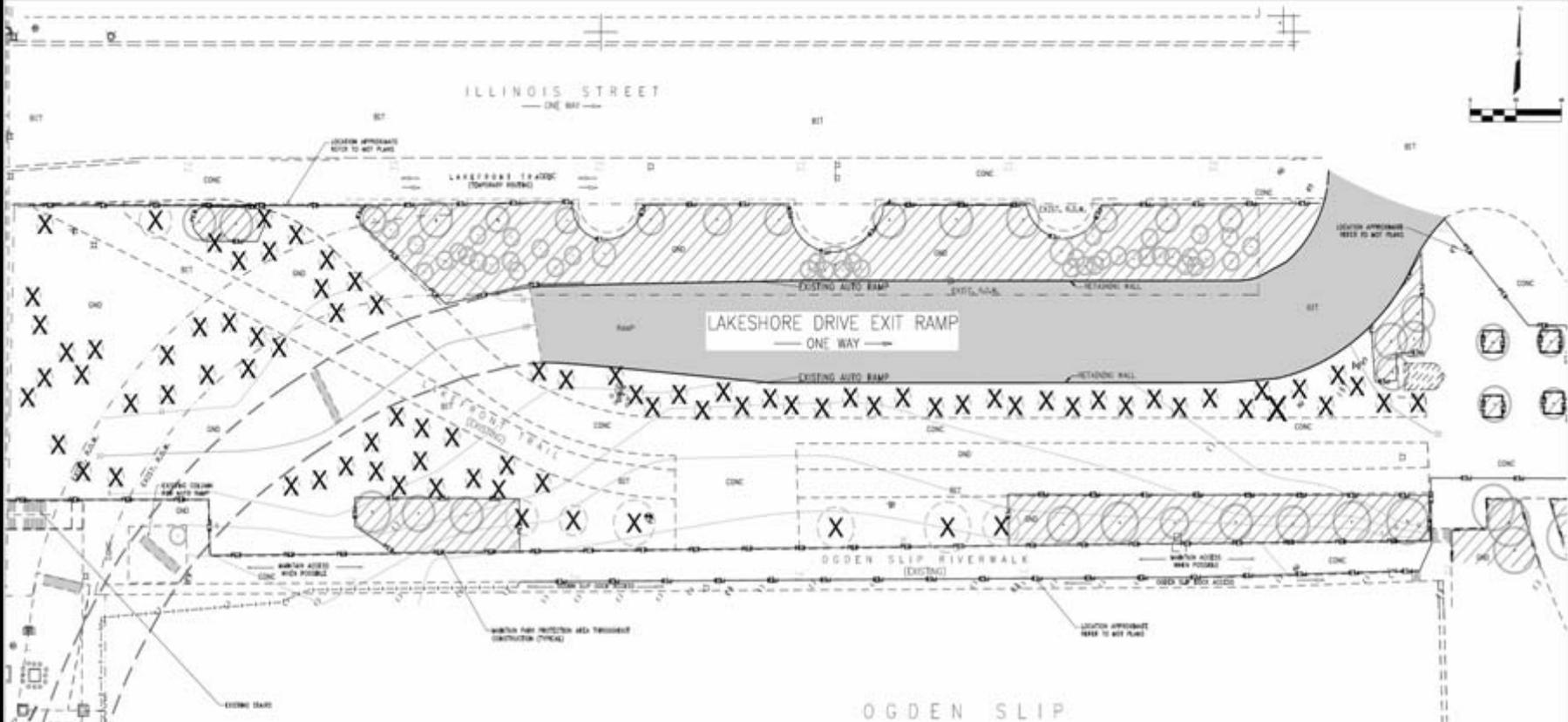




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Proposed  
View West From Illinois St.  
**Lakefront Trail Improvement**



- KEY**
- EXISTING TREES TO BE PROTECTED
  - PARK AND LANDSCAPE PRESERVATION AREA
  - EXISTING TREES TO BE REMOVED

**PARK PROTECTION PLAN**

NO.	SP.	DATE/TIME	COMMENT
TOTAL	LABOR		
14	10 ORGANISMAL TREE	12 AC TREES	
24	7 CANOPY TREE	10 SPECIES/LAND STREET TREE	

TREE REMOVALS SCHEDULE

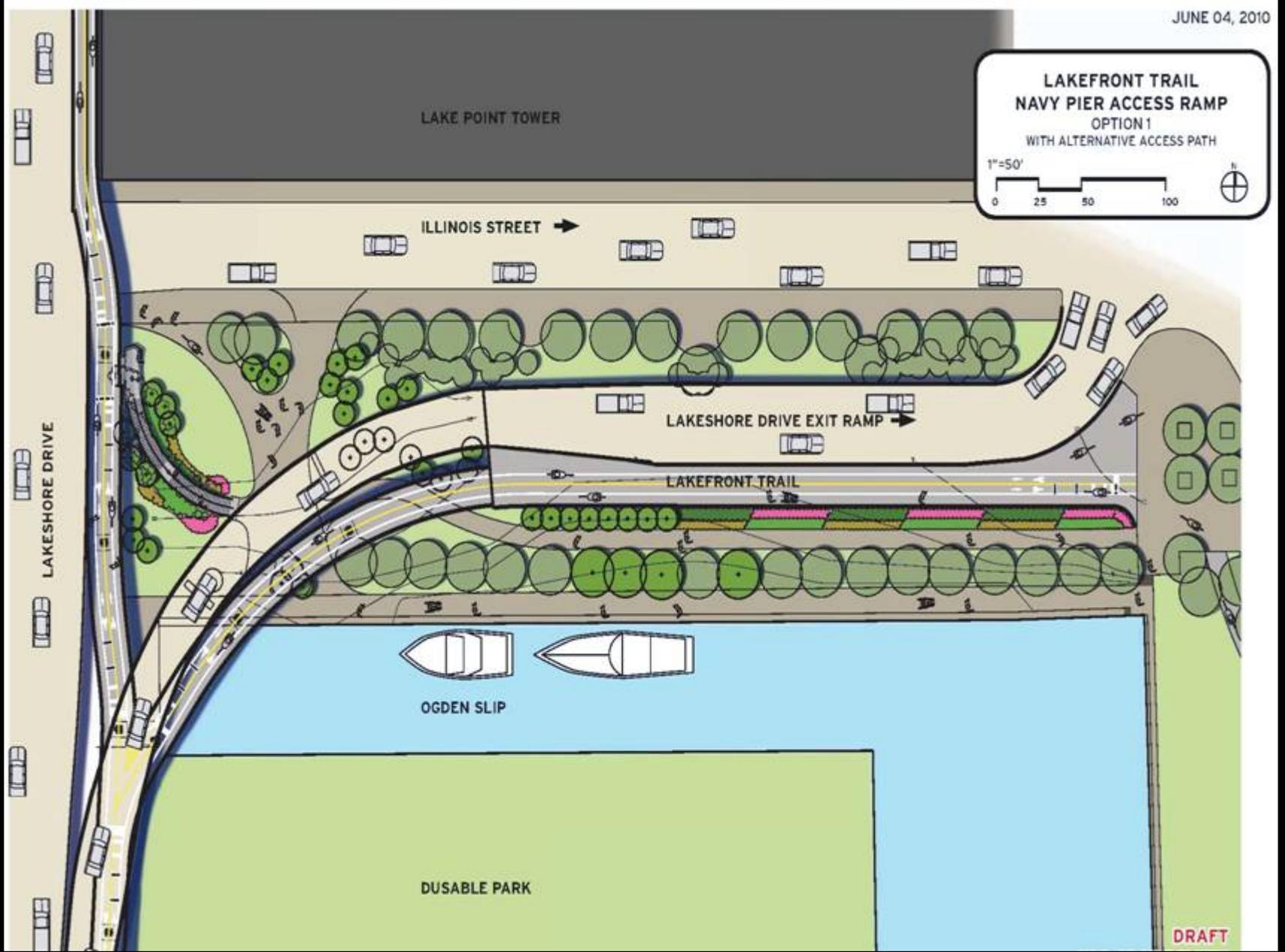
NO.	SP.	DATE	DESCRIPTION
REVISIONS			
LAKEFRONT TRAIL IMPROVEMENT FROM JANE ADDAMS PARK TO OGDEN SLIP			
<b>HNTB</b>			
CITY OF CHICAGO			
DEPARTMENT OF TRANSPORTATION BUREAU OF BRIDGES & TUNNELS			
DATE	SCALE		

DRAFT - FOR IDOT REVIEW  
30 MARCH 2010

**LAKEFRONT TRAIL  
NAVY PIER ACCESS RAMP  
OPTION 1  
WITH ALTERNATIVE ACCESS PATH**

1"=50'

0 25 50 100



**RICHARD M DALEY, MAYOR**

THE CITY OF CHICAGO • DEPARTMENT OF TRANSPORTATION • DIVISION OF PROJECT DEVELOPMENT

Trail Ramp at Navy Pier  
**Lakefront Trail Improvement**



**RICHARD M DALEY, MAYOR**  
THE CITY OF CHICAGO • DEPARTMENT OF TRANSPORTATION • DIVISION OF PROJECT DEVELOPMENT

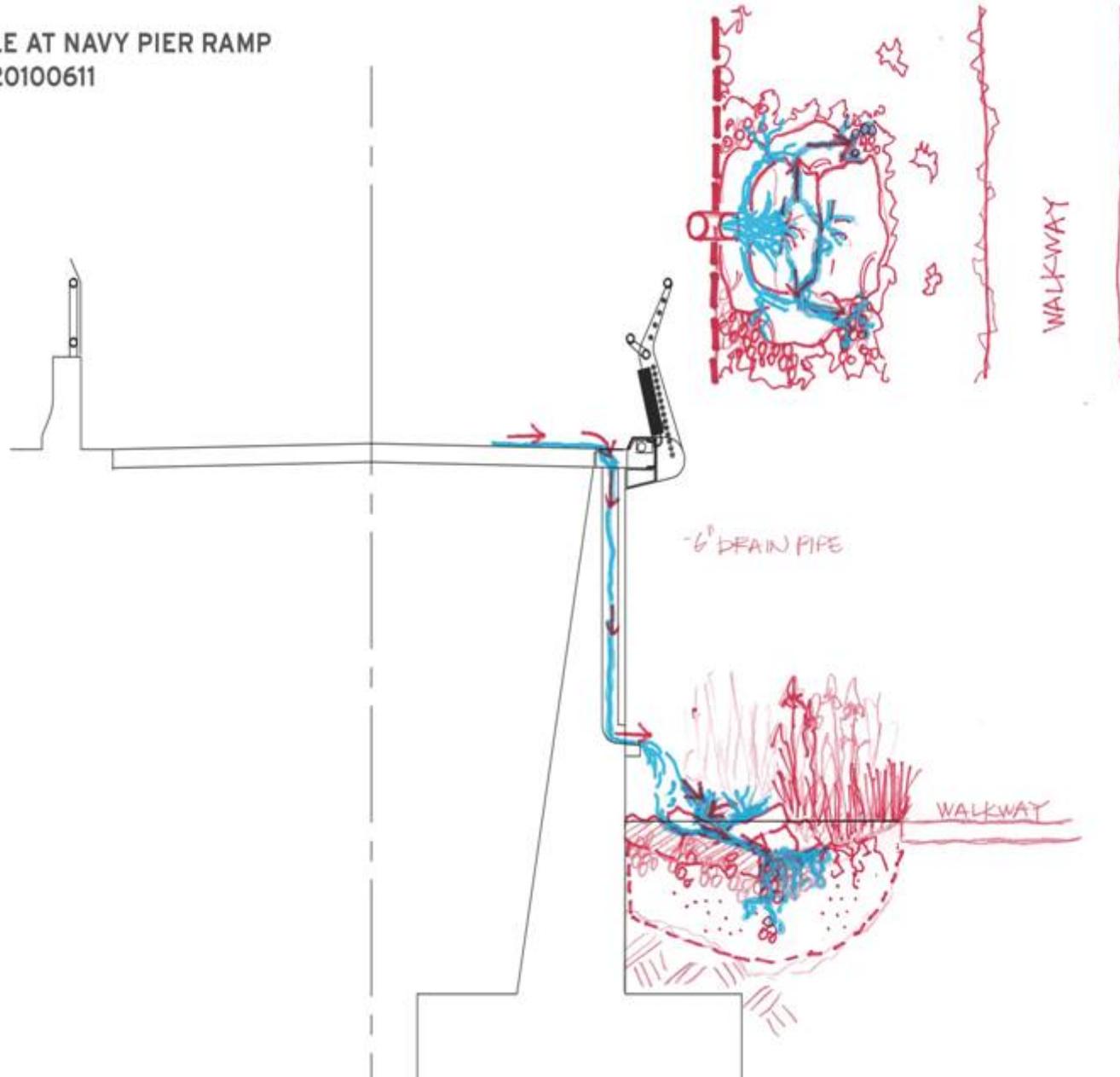
Trail Ramp at Navy Pier  
**Lakefront Trail Improvement**



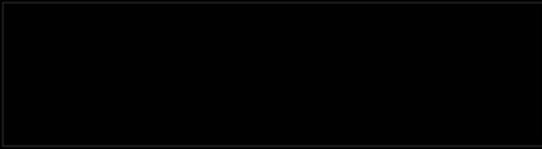
**RICHARD M DALEY, MAYOR**  
THE CITY OF CHICAGO • DEPARTMENT OF TRANSPORTATION • DIVISION OF PROJECT DEVELOPMENT

Navy Pier Landing Landscape  
Option 1 Rendering  
**Lakefront Trail Improvement**

BIOSWALE AT NAVY PIER RAMP  
LSK C2 20100611



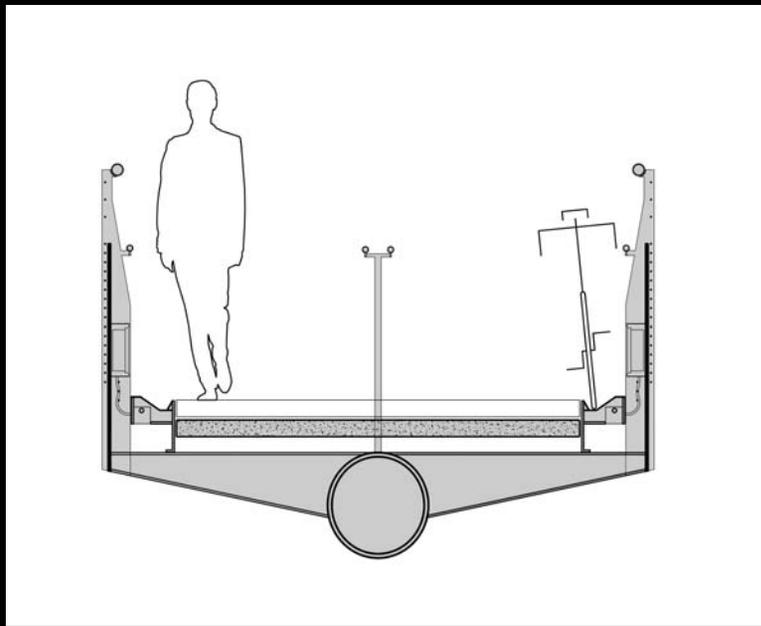




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Stair Rendering with Landscape  
**Lakefront Trail Improvement**

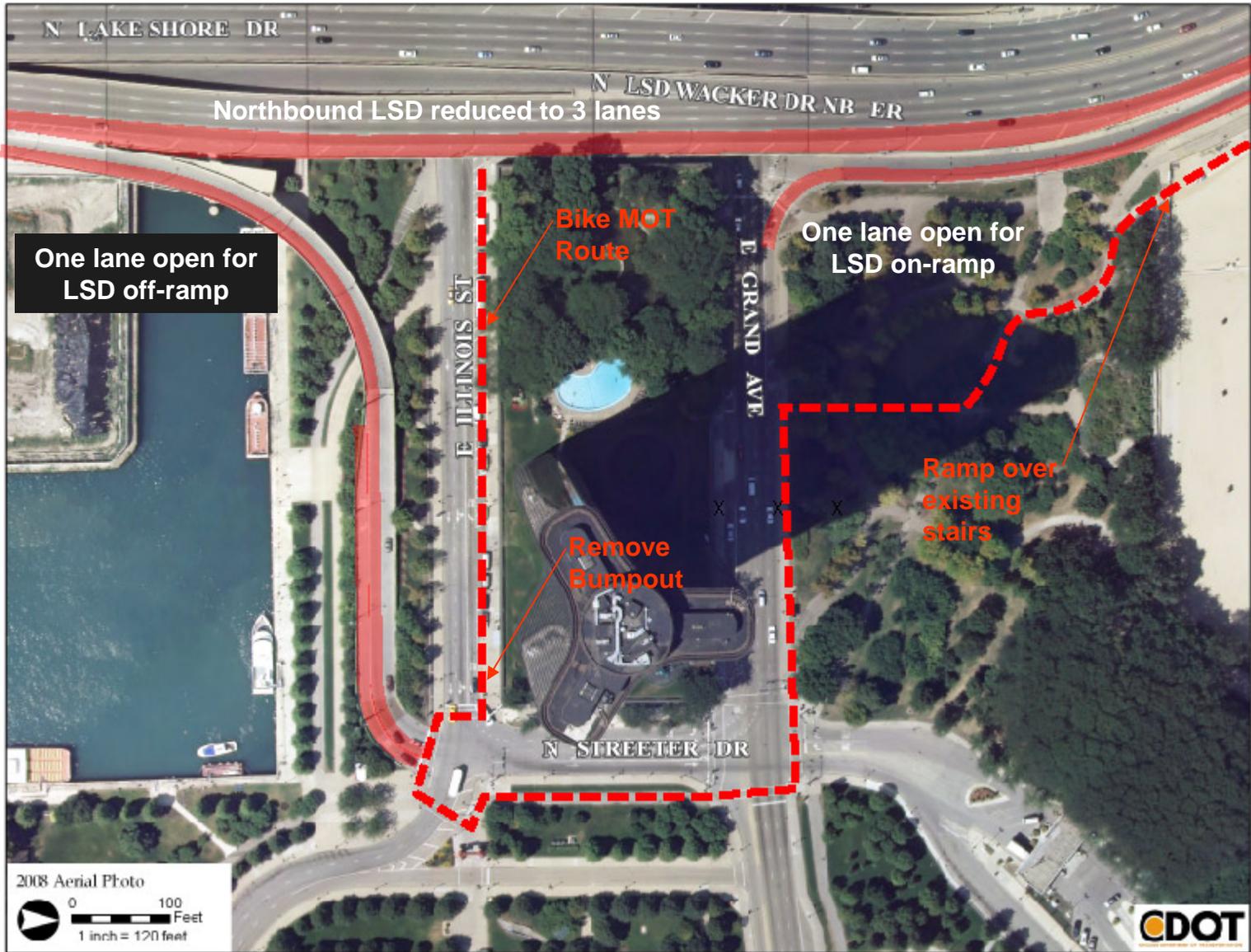


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Stair Rendering Section and  
Landing  
**Lakefront Trail Improvement**

# Maintenance of Traffic



MOT Overview

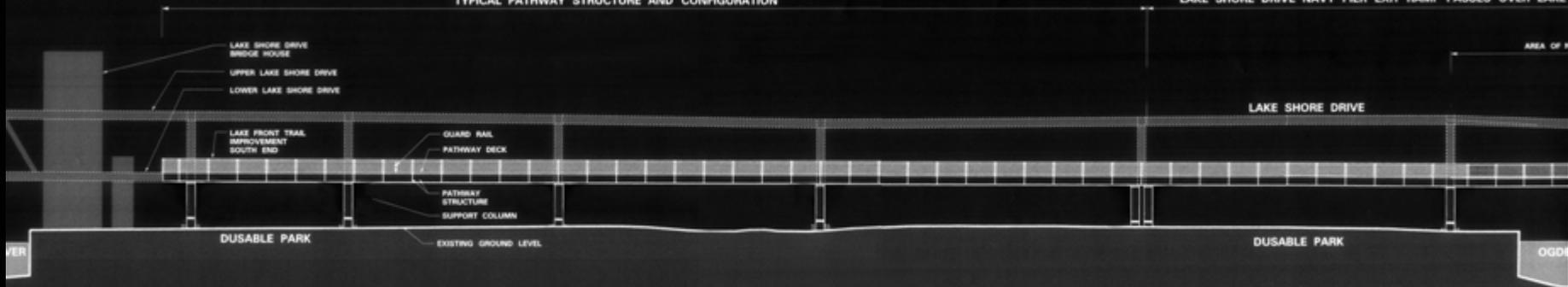
Lakefront Trail Improvement

Segments 1 and 2  
Lakefront Trail through  
DuSable Park  
and the Chicago River Bridge



TYPICAL PATHWAY STRUCTURE AND CONFIGURATION

LAKE SHORE DRIVE NAVY PIER EXIT RAMP PASSES OVER LAKE



ELEVATION

LAKEFRONT TRAIL IMPROVEMENT FROM JANE ADDAMS PARK TO THE CHICAGO RIVER ELEVATION LOOKING WEST

RICHARD M. DALEY MAYOR CITY OF CHICAGO + ILLINOIS + DEPARTMENT OF TRANSPORTATION + BUREAU OF BRIDGES AND TRANSIT

**RICHARD M DALEY, MAYOR**  
 THE CITY OF CHICAGO • DEPARTMENT OF TRANSPORTATION • DIVISION OF PROJECT DEVELOPMENT

Plan and Elevation  
 at DuSable Park  
**Lakefront Trail Improvement**





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THE CITY OF CHICAGO • DEPARTMENT OF TRANSPORTATION • DIVISION OF PROJECT DEVELOPMENT

Trail through DuSable Park  
**Lakefront Trail Improvement**



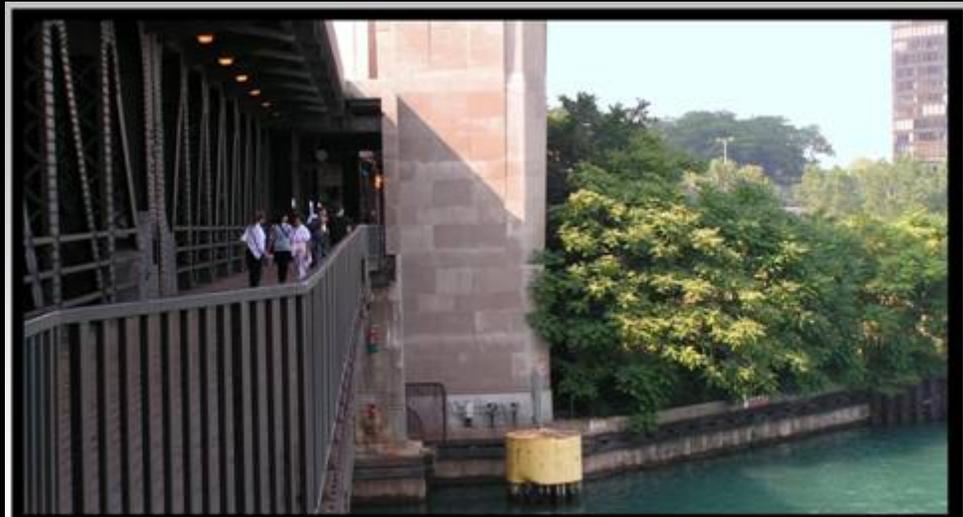
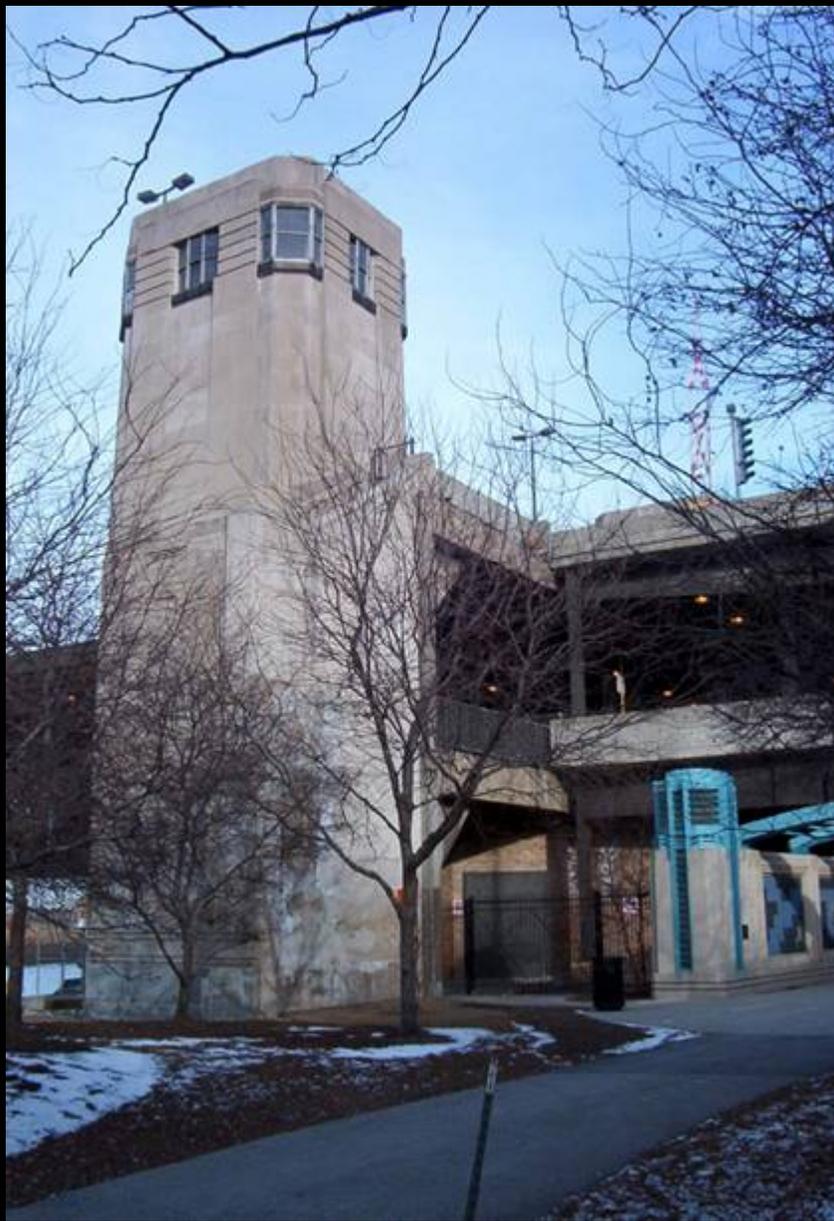
**RICHARD M DALEY, MAYOR**

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Spire Ramps and Lakefront Trail  
Realignment in DuSable Park  
**Lakefront Trail Improvement**







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SW Stair Tower Connection  
Chicago River Bridge Phase 1  
Lakefront Trail Improvement

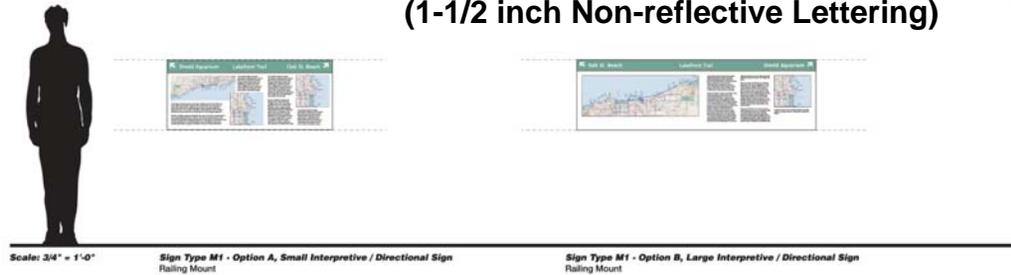
# WAYFINDING

- Wayfinding encompasses all of the ways in which people orient themselves in physical space and navigate from place to place on the Lakefront Trail through:
  - Strategic design to help people understand the trail and to help them identify destinations that can be accessed via the trail, such as the Museum Campus, beaches, and Navy Pier;
  - Assisting people in understanding how to safely use the trail through the use of signage and pavement markings; and finally
  - Including signs, maps, and landmarks as necessary.

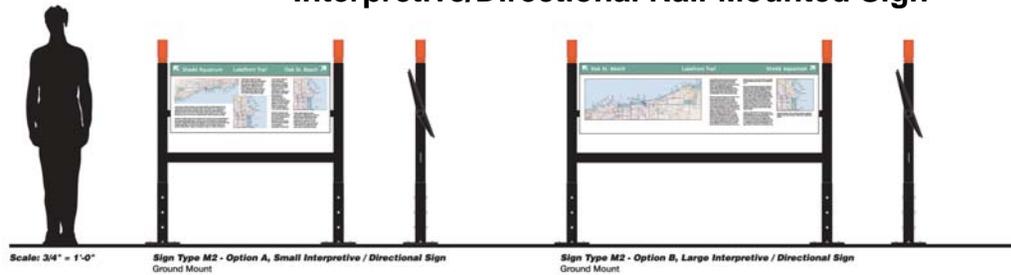




### Chicago Park District Standard Post-Mounted Sign (1-1/2 inch Non-reflective Lettering)



### Interpretive/Directional Rail-Mounted Sign

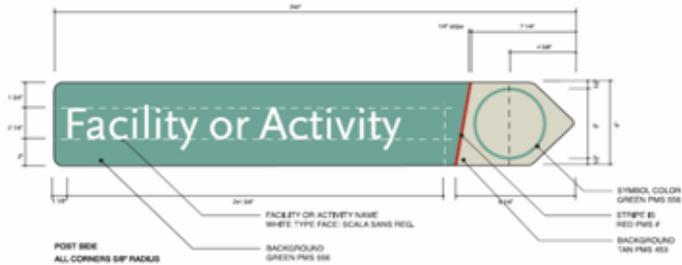


### Interpretive/Directional Ground-Mounted Sign





# Sign Type F1



Sign Face Elevations  
Scale: 3" = 1'-0"



F1  
Mounting Condition:  
1. CPD standard post

Sign Post Mounting Condition  
Scale: 1/2" = 1'-0"



01.01A/B



02.03A/B



02.02A/B



05.05A/B



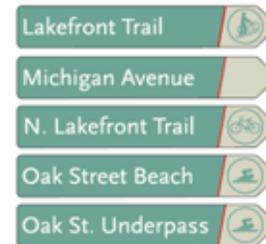
05.06A/B



05.07A/B



05.12A/B



05.16A/B

**Material and Fabrication:**  
All materials and fabrication to be consistent with approved existing Chicago Park District Sign Standards

**Sign Panel**  
- Panel is 1/8" thick painted steel surface with message (supported structure, p. 5.4.32), Chicago Park District Sign Standards

- All corners to be readiused 5/8" before painting

**Support Structure**

- Welded flat stock construction

- All members 1/2" thick steel

- Cut plate when necessary

- Grind smooth all welds

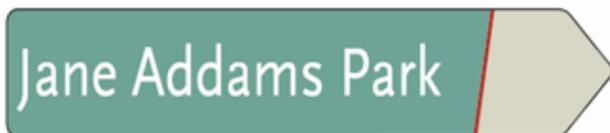
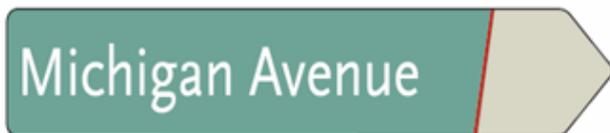
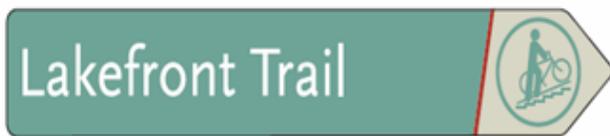
- Oversize all holes, fabricator to verify all hole locations and diameters

**Colors**

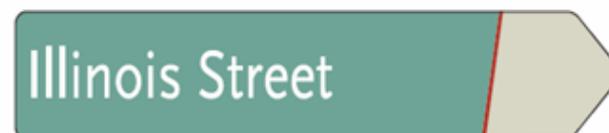
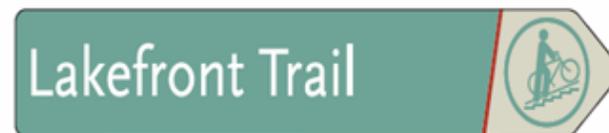
- Paint all edges black

IN PROGRESS

# Sign Type F1

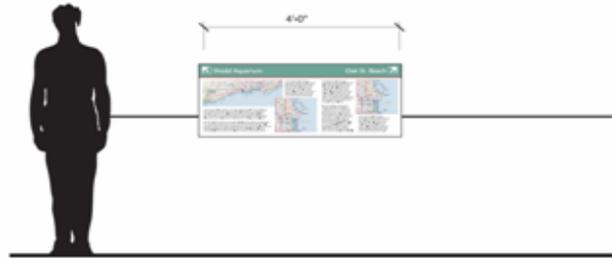


06.07A/B



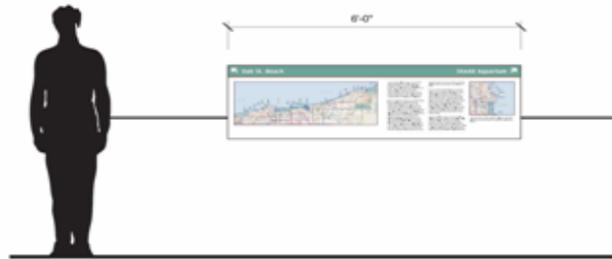
06.10A/B

**Sign Type M1 - Interpretive / Directional Sign, Railing Mount**



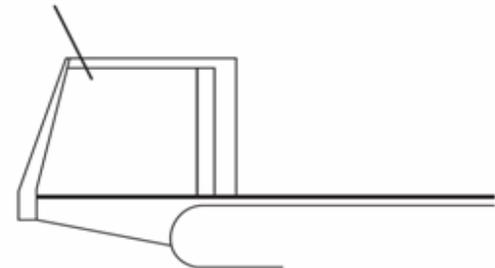
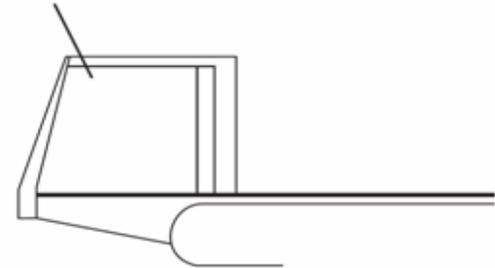
Scale: 3/4" = 1'-0"

**M1 - Option A, Small Interpretive / Directional**  
 Mounting Conditions:  
 1. To the rail at the top of the stairs  
 (to be determined)



Scale: 3/4" = 1'-0"

**M1 - Option B, Large Interpretive / Directional**  
 Mounting Conditions:  
 1. To the rail at the top of the stairs  
 (to be determined)



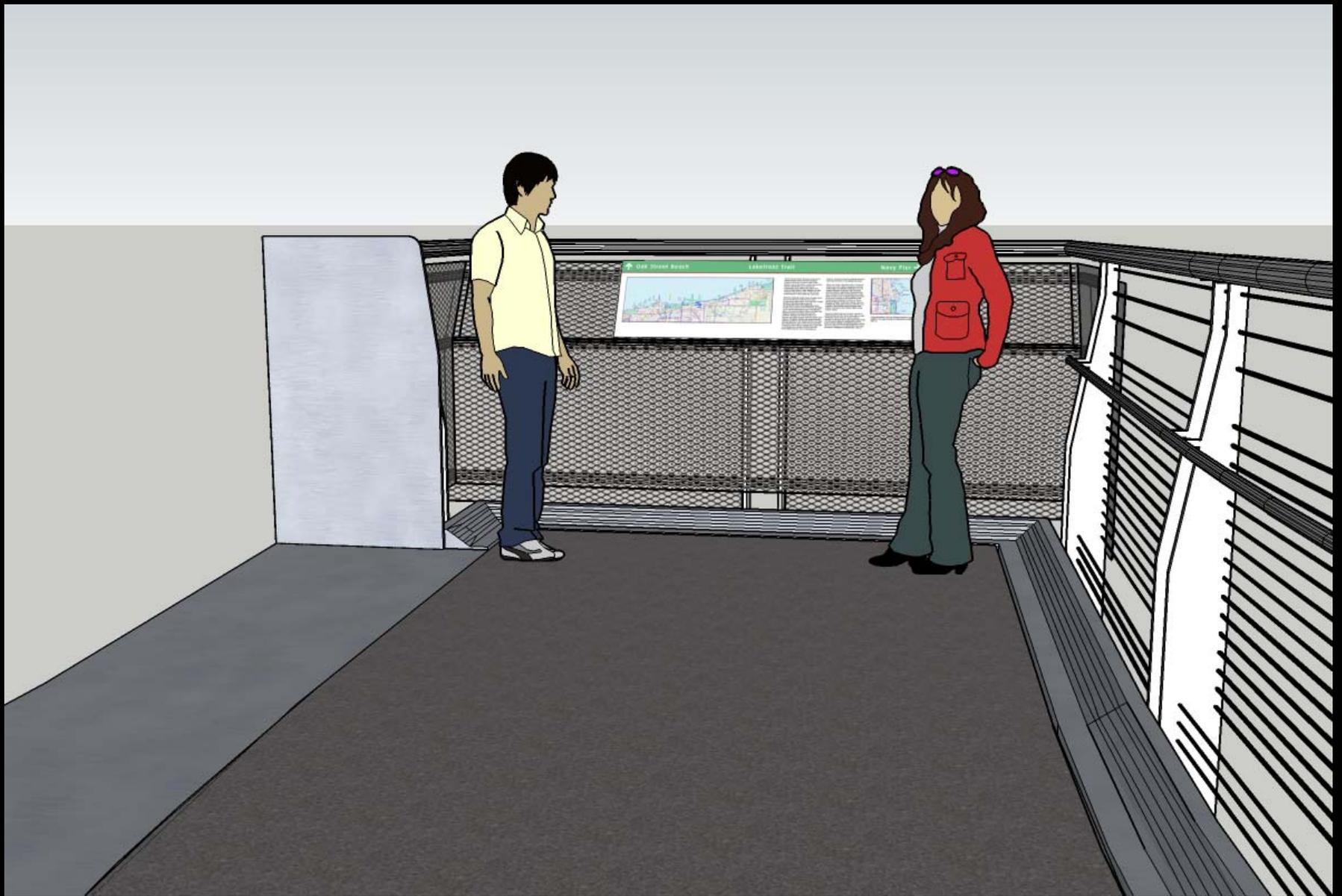
Scale: N.T.S.

**M1 - Option A, Small Interpretive**

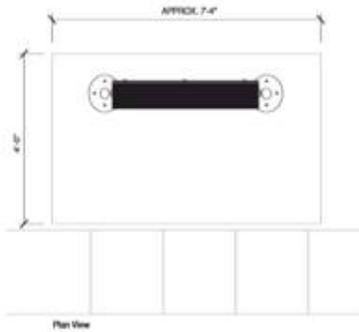


Scale: N.T.S.

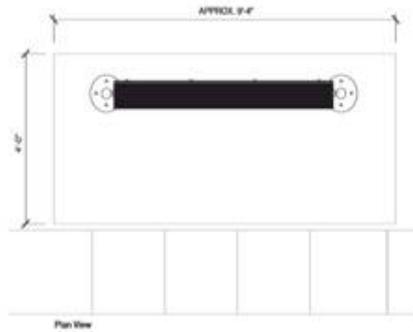
**M1 - Option B, Large Interpretive**



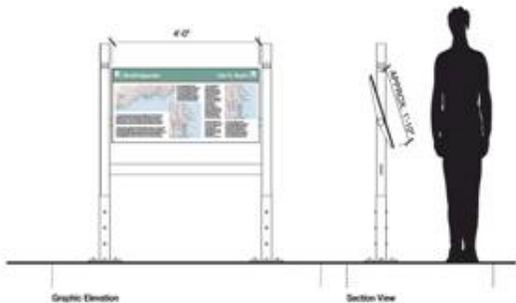
**Sign Type M2 - Directional Sign, Ground Mount**



Plan View

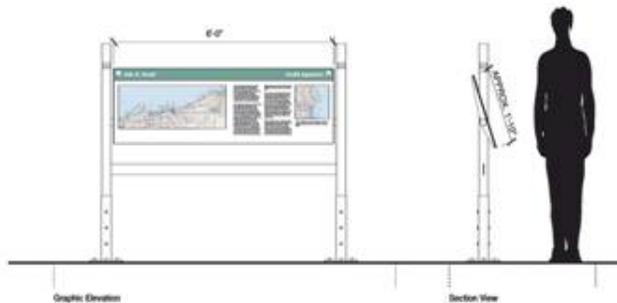


Plan View



Graphic Elevation  
Scale: 3/4" = 1'-0"

**M2 - Option A, Small Interpretive / Directional**  
Mounting Conditions:  
1. Freestanding ground mount



Graphic Elevation  
Scale: 3/4" = 1'-0"

**M2 - Option B, Large Interpretive / Directional**  
Mounting Conditions:  
1. Freestanding ground mount



Scale: N.T.S.

**M2 - Option A, Small Interpretive**



Scale: N.T.S.

**M2 - Option B, Large Interpretive**

NO.	REV.	DATE	DESCRIPTION
PROJECT			
<b>LAKEFONT TRAIL IMPROVEMENT FROM JANE ADDAMS PARK TO THE CHICAGO RIVER</b>			
<b>SIGN TYPE M2</b>			
<small>DESIGNED BY: East Wagoner + Associates, Inc. 171 West Madison Street, Suite 100 Chicago, Illinois 60604 TEL: 312.467.1400</small>			
CITY OF CHICAGO			
DEPARTMENT OF TRANSPORTATION BUREAU OF SIGNS & TRAFFIC			
DATE:	CNA	DATE:	
PROJECT:			
NO.	REV.	DATE	
<p style="text-align: right;"><b>WAY.17</b></p>			<p style="text-align: right;">DATE:  </p> <p style="text-align: right;">PROJECT:  </p> <p style="text-align: right;">SHEET:  </p>

IN PROGRESS

# Questions

