NOTE: STATION SHOWN SCHEMATICALLY. SEE DWG W01-ASP700 FOR STATION PLAN.
WEST SEATTLE AND BALLARD LINK EXTENSIONS

DRAFT EIS - CONCEPTUAL DESIGN
SOCO SEGMENT
WEST SEATTLE LINK EXTENSION
PREFERRED AT-GRADE ALTERNATIVE (SODO-1a)
STAGGERED STATION CONFIGURATION
PLAN AND PROFILE
EXISTING ROADWAY SECTION - S LANDER ST (LOOKING EAST)

PROPOSED ROADWAY SECTION - S LANDER ST (LOOKING EAST)
EXISTING ROADWAY SECTION - 6TH AVE S (LOOKING NORTH)

PROPOSED ROADWAY SECTION - 6TH AVE S (LOOKING NORTH)

WEST SEATTLE AND BALLARD LINK EXTENSIONS
WEST SEATTLE AND BALLARD LINK EXTENSIONS

DRAFT EIS - CONCEPTUAL DESIGN
SODO SEGMENT
WEST SEATTLE LINK EXTENSION
SODO STATION
MIXED PROFILE ALTERNATIVE (SODO-2)
SITE SECTIONS

LOC: ASX600
PH: W01
WS2020

SECTION A

SECTION B
SEGMENT LOCATION MAP

WEST SEATTLE AND BALLARD LINK EXTENSIONS

PREPARED BY:

HNTB
WEST SEATTLE AND BALLARD LINK EXTENSIONS

OVERHEAD TRANSMISSION LINE RELOCATION CONTINUES ALONG 6TH AVENUE SOUTH AND DIAGONAL AVENUE SOUTH TO SEATTLE CITY LIGHT SUBSTATION

DUWAMISH SEGMENT
WEST SEATTLE LINK EXTENSION
PREFERRED SOUTH CROSSING ALTERNATIVE (DUW-1a)
PLAN AND PROFILE

DRAFT EIS - CONCEPTUAL DESIGN
L50-GSP119
lic. no. L00
pr. no. 25
WS/GO/2020
NOTE:

The pier protection system shown is schematic. Sound Transit is considering pier protection systems both integrated with and independent from the pile cap, as well as pile cap options above the water and under the mudline.
WEST SEATTLE AND BALLARD LINK EXTENSIONS

DRAFT EIS - CONCEPTUAL DESIGN
DUWAMISH SEGMENT
WEST SEATTLE LINK EXTENSION
SOUTH CROSSING SOUTH EDGE CROSSING ALIGNMENT OPTION (DUW-1b)
PLAN AND PROFILE

LOC. ID: L50-GSP622
PG. #: 34
SCALE IN FEET
0 50 100
(1" = 100')

PLAN SCALE: 1" = 100'

ELEVATION SCALE: V: 1"=50'

SEE DWG L50-GSP621

DELRIDGE SEGMENT
DUWAMISH SEGMENT
ADDITIONAL BRIDGE TYPES BEING EVALUATED BY SOUND TRANSIT

WEST DUWAMISH WATERWAY
WEST MARGINAL WAY SW
22ND AVE SW
21ST AVE SW
20TH AVE SW
19TH AVE SW
WEST SEATTLE BRIDGE
SW SPOKANE ST
SW MARGINAL PL
WS BRIDGE
ON-RAMP
CONSTRUCTION/MAINTENANCE ACCESS ROAD
BNSF
W MARGINAL WAY SW

FLOW CONTROL VAULT
COMBINED VAULT

SB-W 245+00
SB-W 250+00
SB-W 255+00
SB-W 260+00
SB-W 265+00
SB-W 270+00
SB-W 275+00

XREF LIST:
LOC. ID:
PG. #:
SCALE IN FEET
0 50 100
(1" = 100')

PLAN SCALE: 1" = 100'

ELEVATION SCALE: V: 1"=50'

SEE DWG L50-GSP621

DELRIDGE SEGMENT
DUWAMISH SEGMENT
ADDITIONAL BRIDGE TYPES BEING EVALUATED BY SOUND TRANSIT
NOTE:
The pier protection system shown is schematic. Sound Transit is considering pier protection systems both integrated with and independent from the pile cap, as well as pile cap options above the water and under the mudline.

FLOW CONTROL VAULT

SEGMENTAL BOX GIRDERS BRIDGE SHOWN; Sound Transit is considering additional bridge types.

PIER PROTECTION (SEE NOTE)

Flow Control Vault

EAST DUWAMISH WATERWAY

HWM +8.15'
NOTE:
The pier protection system shown is schematic. Sound Transit is considering pier protection systems both integrated with and independent from the pile cap, as well as pile cap options above the water and under the mudline.

PLAN
SCALE: 1" = 100'

ELEVATION
SCALE: 1" = 100'

SECTIONAL VIEW PENINSULA BRIDGE SHOWN. SOUND TRANSIT IS CONSIDERING ADDITIONAL BRIDGE TYPES
PIER PROTECTION (SEE NOTE)

SEGMENTAL BOX GIRDER BRIDGE SHOWN; SOUND TRANSIT IS CONSIDERING ADDITIONAL BRIDGE TYPES

PIER PROTECTION (SEE NOTE)

FLOW CONTROL VAULT

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FLO
PROJECT LOCATION MAP

WEST SEATTLE AND BALLARD LINK EXTENSIONS

RTA/LR XXXX-XX
DRAFT EIS

PREPARED BY:

HNTB
WEST SEATTLE AND BALLARD LINK EXTENSIONS

DELRIDGE SEGMENT

WEST SEATTLE LINK EXTENSION
PREFERRED DAKOTA STREET STATION ALTERNATIVE (DEL-1a)
PLAN AND PROFILE

NOTE:
STATIONS SHOWN SCHEMATICALLY. SEE DWG W03-ASP100 FOR STATION PLAN.

PLAN
SCALE: 1" = 100'

ELEVATION
SCALE: 1" = 50'

SEE DWG L50-GSP123

WEST SEATTLE AND BALLARD LINK EXTENSIONS

DRAFT EIS - CONCEPTUAL DESIGN

DELRIEGE STATION

FLOOD CONTROL VAULT

COMBINED VAULT

END OF TRACK AND GUIDEWAY WITH MINIMUM OPERABLE SEGMENT

FROM CONTROL VAULT

SW GENESEE ST

SW NEVADA ST

SW AVALON WAY

SW GENESEE ST

SW AVALON WAY

SW GENESEE ST

SW NEVADA ST

SW AVALON WAY

SW GENESEE ST

SW NEVADA ST

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SW GENESEE ST

SW NEVADA ST

SW AVALON WAY

SW GENESEE ST

SW NEVADA ST

SW AVALON WAY
NOTE
STATION SHOWN SCHEMATICALLY. SEE DWG W03-ASP300 FOR STATION PLAN.
WEST SEATTLE AND BALLARD
LINK EXTENSIONS

DELRIDGE SEGMENT
WEST SEATTLE LINK EXTENSION
DELRIDGE STATION
DELRIDGE WAY STATION ALTERNATIVE (DEL-3) AND
DELRIDGE WAY STATION LOWER HEIGHT ALTERNATIVE (DEL-4)*

SITE PLAN

SCALE IN FEET

50 25 0 50 100

W03-ASP400

DRAFT EIS - CONCEPTUAL DESIGN

LOC: 05  W03  P4

10/02/2020
WEST SEATTLE AND BALLARD
LINK EXTENSIONS

NOTE:
STATIONS SHOWN SCHEMATICALLY. SEE DWG WST-ASP100
FOR STATION PLAN.
NOTE: STATION SHOWN SCHEMATICALLY. SEE DWG W05-ASP100 FOR STATION PLAN.

PLAN
SCALE: 1" = 100'

ELEVATION
SCALE: V: 1"=50'

SEE DWG L50-GSP626

NOTE:
STATION SHOWN SCHEMATICALLY. SEE DWG W05-ASP100 FOR STATION PLAN.
WEST SEATTLE AND BALLARD LINK EXTENSIONS

DRAFT EIS - CONCEPTUAL DESIGN
WEST SEATTLE JUNCTION SEGMENT
WEST SEATTLE LINK EXTENSION
SHORT TUNNEL 41ST AVENUE STATION ALTERNATIVE (WSJ-4)
PLAN AND PROFILE

NOTE:
STATION SHOWN SCHEMATICALLY. SEE DWG W07-ASP600 FOR STATION PLAN.
SECTION A

SECTION B
WEST SEATTLE AND BALLARD LINK EXTENSIONS

DRAFT EIS - CONCEPTUAL DESIGN
WEST SEATTLE JUNCTION SEGMENT
WEST SEATTLE LINK EXTENSION
ALASKA JUNCTION STATION
MEDIUM TUNNEL 41ST AVENUE STATION ALTERNATIVE (WSJ-5')
SITE PLAN

W07-ASP500
Loc. 60
W07
Ph. x
WSS05030

SCALE IN FEET

50 25 0 50 100

PARATRANSIT LOADING AREA
BUS LOADING AREA
PASSENGER LOADING AREA
STREETCAR LOADING AREA
STATION AREA FOOTPRINT
BICYCLE STORAGE
TUNNEL VENTILATION
EXIT STAIR
SOUTH STATION ENTRANCE
PLATFORM
APPROX 46'-0" BELOW GRADE
APPROX 51'-0" BELOW GRADE & BELOW GRADE FOOTPRINT

WEST SEATTLE AND BALLARD LINK EXTENSIONS

DRAFT EIS - CONCEPTUAL DESIGN
WEST SEATTLE JUNCTION SEGMENT
WEST SEATTLE LINK EXTENSION
ALASKA JUNCTION STATION
MEDIUM TUNNEL 41ST AVENUE STATION ALTERNATIVE (WSJ-5')
SITE PLAN

W07-ASP500
Loc. 60
W07
Ph. x
WSS05030

SCALE IN FEET

50 25 0 50 100

PARATRANSIT LOADING AREA
BUS LOADING AREA
PASSENGER LOADING AREA
STREETCAR LOADING AREA
STATION AREA FOOTPRINT
BICYCLE STORAGE
TUNNEL VENTILATION
EXIT STAIR
SOUTH STATION ENTRANCE
PLATFORM
APPROX 46'-0" BELOW GRADE
APPROX 51'-0" BELOW GRADE & BELOW GRADE FOOTPRINT

WEST SEATTLE AND BALLARD LINK EXTENSIONS

DRAFT EIS - CONCEPTUAL DESIGN
WEST SEATTLE JUNCTION SEGMENT
WEST SEATTLE LINK EXTENSION
ALASKA JUNCTION STATION
MEDIUM TUNNEL 41ST AVENUE STATION ALTERNATIVE (WSJ-5')
SITE PLAN

W07-ASP500
Loc. 60
W07
Ph. x
WSS05030

SCALE IN FEET

50 25 0 50 100

PARATRANSIT LOADING AREA
BUS LOADING AREA
PASSENGER LOADING AREA
STREETCAR LOADING AREA
STATION AREA FOOTPRINT
BICYCLE STORAGE
TUNNEL VENTILATION
EXIT STAIR
SOUTH STATION ENTRANCE
PLATFORM
APPROX 46'-0" BELOW GRADE
APPROX 51'-0" BELOW GRADE & BELOW GRADE FOOTPRINT

WEST SEATTLE AND BALLARD LINK EXTENSIONS

DRAFT EIS - CONCEPTUAL DESIGN
WEST SEATTLE JUNCTION SEGMENT
WEST SEATTLE LINK EXTENSION
ALASKA JUNCTION STATION
MEDIUM TUNNEL 41ST AVENUE STATION ALTERNATIVE (WSJ-5')
SITE PLAN

W07-ASP500
Loc. 60
W07
Ph. x
WSS05030

SCALE IN FEET

50 25 0 50 100

PARATRANSIT LOADING AREA
BUS LOADING AREA
PASSENGER LOADING AREA
STREETCAR LOADING AREA
STATION AREA FOOTPRINT
BICYCLE STORAGE
TUNNEL VENTILATION
EXIT STAIR
SOUTH STATION ENTRANCE
PLATFORM
APPROX 46'-0" BELOW GRADE
APPROX 51'-0" BELOW GRADE & BELOW GRADE FOOTPRINT

WEST SEATTLE AND BALLARD LINK EXTENSIONS

DRAFT EIS - CONCEPTUAL DESIGN
WEST SEATTLE JUNCTION SEGMENT
WEST SEATTLE LINK EXTENSION
ALASKA JUNCTION STATION
MEDIUM TUNNEL 41ST AVENUE STATION ALTERNATIVE (WSJ-5')
SITE PLAN

W07-ASP500
Loc. 60
W07
Ph. x
WSS05030

SCALE IN FEET

50 25 0 50 100

PARATRANSIT LOADING AREA
BUS LOADING AREA
PASSENGER LOADING AREA
STREETCAR LOADING AREA
STATION AREA FOOTPRINT
BICYCLE STORAGE
TUNNEL VENTILATION
EXIT STAIR
SOUTH STATION ENTRANCE
PLATFORM
APPROX 46'-0" BELOW GRADE
APPROX 51'-0" BELOW GRADE & BELOW GRADE FOOTPRINT

WEST SEATTLE AND BALLARD LINK EXTENSIONS

DRAFT EIS - CONCEPTUAL DESIGN
WEST SEATTLE JUNCTION SEGMENT
WEST SEATTLE LINK EXTENSION
ALASKA JUNCTION STATION
MEDIUM TUNNEL 41ST AVENUE STATION ALTERNATIVE (WSJ-5')
SITE PLAN

W07-ASP500
Loc. 60
W07
Ph. x
WSS05030

SCALE IN FEET

50 25 0 50 100

PARATRANSIT LOADING AREA
BUS LOADING AREA
PASSENGER LOADING AREA
STREETCAR LOADING AREA
STATION AREA FOOTPRINT
BICYCLE STORAGE
TUNNEL VENTILATION
EXIT STAIR
SOUTH STATION ENTRANCE
PLATFORM
APPROX 46'-0" BELOW GRADE
APPROX 51'-0" BELOW GRADE & BELOW GRADE FOOTPRINT
