Ethan Melone
SDOT City of Seattle Alignment ORD
May 21, 2013
Version #1a

CITY OF SEATTLE

ORDINANCE _____

COUNCIL BILL 117855

AN ORDINANCE related to the Central Puget Sound Regional Transit Authority ("Sound Transit") authorizing the Director of the Seattle Department of Transportation to execute an amendment to the Agreement between the City of Seattle and Sound Transit for Grant of Non-Exclusive Use of a Light Rail Transit Way as related to the Central Link Light Rail Transit Project to reflect the approved alignment for the Link Light Rail Transit Project, including the revised Northgate Link Extension and portion of the East Link segment located within the City of Seattle.

WHEREAS, Sound Transit (formerly known as the Central Puget Sound Regional Transit Authority, or RTA) is proceeding to implement the Sound Move Plan approved by the voters in November 1996 and the Sound Transit 2 Plan (ST2) approved by the voters in November 2008 for a high-capacity regional transit system for the Central Puget Sound region; and

WHEREAS, on April 10, 2000, the Seattle City Council adopted Resolution 30128, which approved the alignment, station locations, and maintenance base location for the Central Link Light Rail Transit Project; and

WHEREAS, in July 2000, pursuant to Ordinance 119975, the City and Sound Transit executed the original Agreement Between the City of Seattle and Sound Transit for Grant of Non-Exclusive Use of a Light Rail Transit Way as Related to the Central Link Light Rail Transit Project (the "Original Agreement"); and

WHEREAS, in August 2002, pursuant to Ordinance 120788, the City and Sound Transit made technical corrections to the Original Agreement and entered into an Agreement dated August 29, 2002 and effective September 4, 2002 for Grant of Non-Exclusive Use of a Light Rail Transit Way as related to the Central Link Light Rail Transit Project (the "Agreement"); and

WHEREAS, on April 27, 2006, the Sound Transit Board adopted Resolution No. R2006-07, selecting the North Link light rail alignment, profile and station locations and identifying the Capitol Hill to University of Washington (University Link) portion of North Link as the next part of the Link Light Rail System to be constructed; and

WHEREAS, on September 24, 2007, the Seattle City Council adopted Resolution 30993, approving a revised alignment of the Sound Transit Central Link light rail line, the

SDCI CITY CLERK

location of the light rail stations, and the location of the maintenance base in the City of Seattle; and

WHEREAS, in October 2007, pursuant to Ordinance 122504, the City and Sound Transit entered into Amendment No. 1 to the Agreement to reflect the revised alignment for the Central Link Light Rail Project; and

WHEREAS, on July 28, 2011, the Sound Transit Board adopted Resolution No. R2011-10 selecting the light rail alignment and profiles for East Link, which extends east from downtown Seattle along I-90 and includes a station in Seattle provisionally called the Rainier Station; and

WHEREAS, on June 28, 2012, the Sound Transit Board adopted Resolution No. R2012-13, selecting the final light rail alignment profiles for the Northgate Link Extension from the University of Washington Station to the Northgate Station; and

WHEREAS, Resolution 31465 is being considered by the Seattle City Council along with this ordinance, and that resolution would approve the revised alignment, station locations, and maintenance base location for the Link Light Rail System in the City of Seattle, including the Northgate Link Extension and East Link segments; NOW, THEREFORE,

BE IT ORDAINED BY THE CITY OF SEATTLE AS FOLLOWS:

Section 1. The Director of the Seattle Department of Transportation is hereby authorized to execute an amendment to the August 29, 2002 Agreement (effective September 4, 2002) between the City of Seattle and Sound Transit for Grant of Non-Exclusive Use of a Light Rail Transit Way as related to the Central Link Light Rail Transit Project, substantially in the form attached as Attachment 1 to this ordinance, acknowledging the revised alignment for the Link Light Rail Project.

Section 2. This ordinance shall take effect and be in force thirty (30) days from and after its approval by the Mayor, but if not approved and returned by the Mayor within ten (10) days after presentation, it shall take effect as provided by Municipal Code Section 1.04.020.

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Passed by the City Council the ____ day of _____, 2013, and signed by me in open session in authentication of its passage this _____ day of _____, 2013.

_____

President _____of the City Council

Approved by me this ____ day of _____, 2013.

_____

Michael McGinn, Mayor

Filed by me this ____ day of _____, 2013.

_____

Monica Martinez Simmons, City Clerk

(Seal)

Attachments:

Attachment 1: Amendment No. 1 to the Agreement Between the City of Seattle and Sound Transit for Grant of Non-Exclusive Use of a Light Rail Transit Way as Related to the Central Link Light Rail Transit Project

Exhibit A to Attachment 1: General Description of Light Rail Alignment, Station Locations Maintenance Facility Location

Exhibit B to Attachment 1: Light Rail Alignment, Station Locations, and Maintenance Facility Location (Maps 1-20)

Exhibit C to Attachment 1: Plans and Profile Drawings

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Ethan Melone
SDOT City of Seattle Alignment ATT 1
May 7, 2013
Version #1

ATTACHMENT 1

AMENDMENT NO. 2 TO THE AGREEMENT BETWEEN THE CITY OF SEATTLE AND SOUND TRANSIT FOR GRANT OF NON-EXCLUSIVE USE OF A LIGHT RAIL TRANSIT WAY AS RELATED TO THE LINK LIGHT RAIL TRANSIT PROJECT

This Amendment No. 2 (this "Amendment") to the August 29, 2002 Agreement (effective September 4, 2002) for grant of non-exclusive use of a light rail transit way as related to the Link Light Rail Transit Project is entered into by and between the City of Seattle (the "City") and the Central Puget Sound Regional Transit Authority ("Sound Transit") and is effective when signed by both parties.

RECITALS

WHEREAS, on April 10, 2000, the Seattle City Council adopted Resolution 30128, which approved the alignment, station locations, and maintenance base location for the Central Link Light Rail Transit Project that was referenced in the agreement described below; and

WHEREAS, in July 2000, pursuant to Ordinance 119975, the City and Sound Transit executed the original Agreement Between the City of Seattle and Sound Transit for Grant of Non-Exclusive Use of a Light Rail Transit Way as Related to the Central Link Light Rail Transit Project (the "Original Agreement"); and

WHEREAS, in August 2002, pursuant to Ordinance 120788, the City and Sound Transit made technical corrections to the Original Agreement and executed that corrected agreement on September 4, 2002 (the "Agreement"); and

WHEREAS, on April 27, 2006, the Sound Transit Board approved Resolution No. R2006-07, selecting a revised light rail alignment for the North Link portion of the Central Link Light Rail Transit Project between downtown Seattle and Northgate; and

WHEREAS, on September 24, 2007, the Seattle City Council adopted Resolution 30993, approving a revised alignment of the Sound Transit Central Link Light Rail line, the location of the light rail stations, and the location of the maintenance base in the City; and

WHEREAS, in October 2007, pursuant to Ordinance 122504, the City and Sound Transit executed Amendment No. 1 to the Agreement to reflect the revised North Link alignment and allow Sound Transit to proceed with the University Link project; and

WHEREAS, on July 15, 2011, Sound Transit, the Federal Transit Administration (FTA), and the Washington State Department of Transportation (WSDOT) issued a Final Environmental Impact Statement (FEIS) for the East Link light rail project to satisfy the requirements of the National Environmental Policy Act (NEPA) and the State Environmental Policy Act (SEPA); and

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WHEREAS, on July 28, 2011, the Sound Transit Board adopted Resolution No. R2011-10 selecting the light rail alignment for the East Link Light Rail line, which extends east from downtown Seattle along I-90 and includes a station in Seattle provisionally called the Rainier Station; and

WHEREAS, after consideration of the FEIS for East Link, in November 2011, the FTA issued a Record of Decision, which finds that the federal environmental process is complete for East Link; and

WHEREAS, on June 28, 2012, the Sound Transit Board adopted Resolution R2012-13, selecting the final light rail alignment for the Northgate Link Extension from the University of Washington Station to the Northgate Station; and

WHEREAS, on _____, 20___, the Seattle City Council adopted Resolution _____, approving the revised alignment, station locations, and maintenance base location in the City of Seattle, including the Northgate Link Extension and East Link projects; and

WHEREAS, an amendment to the Agreement is required to reflect the revised Northgate Link Extension alignment and the alignment of the East Link line in the City of Seattle and allow Sound Transit to proceed with the Northgate Link Extension and East Link projects;

NOW, THEREFORE, in consideration of the mutual promises contained herein, the parties hereby agree to amend the Agreement as follows:

Section 1. The name of the Agreement is hereby changed from "Agreement Between the City of Seattle and Sound Transit for Grant of Non-Exclusive Use of a Light Rail Transit Way as Related to the Central Link Light Rail Transit Project" to "Agreement Between the City of Seattle and Sound Transit for Grant of Non-Exclusive Use of a Light Rail Transit Way as Related to the Link Light Rail Transit Project" to reflect the fact that the project includes the Northgate Link Extension and East Link segments in addition to the original Central Link portion of the project.

Section 2. Exhibit A to the Agreement, as referenced in Section 2.1 of the Agreement, is hereby replaced with Exhibit A of this Amendment.

Section 3. Exhibit B to the Agreement, as referenced in Section 2.1 of the Agreement, is hereby replaced with Exhibit B of this Amendment.

Section 4. The plans and profile drawings attached as Exhibit C of this Amendment are hereby incorporated as additional drawings into Exhibit C, replacing the corresponding Northgate Link Extension drawings of the Agreement, as referenced in Section 2.1 of the Agreement.

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Passed by the City Council the ____ day of _____, 2013, and signed by me in open session in authentication of its passage this _____ day of _____, 2013.

_____

President _____of the City Council

Approved by me this ____ day of _____, 2013.

_____

Michael McGinn, Mayor

Filed by me this ____ day of _____, 2013.

_____

Monica Martinez Simmons, City Clerk

(Seal)

Attachments:

Attachment 1: Amendment No. 1 to the Agreement Between the City of Seattle and Sound Transit for Grant of Non-Exclusive Use of a Light Rail Transit Way as Related to the Central Link Light Rail Transit Project

Exhibit A to Attachment 1: General Description of Light Rail Alignment, Station Locations Maintenance Facility Location

Exhibit B to Attachment 1: Light Rail Alignment, Station Locations, and Maintenance Facility Location (Maps 1-20)

Exhibit C to Attachment 1: Plans and Profile Drawings

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SDOT City of Seattle Alignment EXH A
May 7, 2013
Version #1

Exhibit A:
General Description of Light Rail Alignment, Station Locations, and Maintenance Facility Location

Northgate Link Extension (Northgate to University of Washington)
Route: Elevated structure at Northgate, tunnel begins south of the Maple Leaf Portal at 94th Street.
Stations:
Northgate Station – East side of 1st Avenue NE, spanning NE 103rd Street, elevated (includes tail track)
Roosevelt Station – West side of 12th Avenue NE, north of NE 65th St, tunnel
U District Station – Brooklyn Ave NE, south of NE 45th Street, tunnel

University Link (University of Washington to Pine Street Stub Tunnel)
Route: Tunnel under University of Washington, Montlake Cut, and Capitol Hill
Stations:
University of Washington Station – East side of Montlake Boulevard NE, near Husky Stadium, tunnel (includes crossover)
Capitol Hill Station – East side of Broadway E, south of E John Street, tunnel

Initial Segment (Pine Street Stub Tunnel to S. McClellan Street)
Route: Use existing Downtown Seattle Transit Tunnel (DSTT). South of downtown, use E-3 Busway rising to elevated structure turning east along south side of S. Forest Street, and then to tunnel under Beacon Hill.
Stations:
Westlake - Tunnel
University Street - Tunnel
Pioneer Square - Tunnel
International District/Chinatown - Tunnel
Stadium – E-3 Busway at S Royal Brougham Way, at-grade
SODO – E-3 Busway, north of S Lander Street, at-grade
Beacon Hill – Beacon Avenue S at S Lander Street, tunnel

Initial Segment (S. McClellan Street to Boeing Access Road)
Route: Elevated out of Beacon Hill tunnel, then turning south on Martin Luther King, Jr. Way S, at-grade in median
Stations:
Mount Baker – S McClellan Street, elevated
Columbia City – S Edmunds Street, at-grade
Othello – S Othello Street, at-grade
Rainier Beach – S Henderson Street, at-grade

Maintenance Facility Maintenance Facility site – extends from 7th Avenue S to Airport Way S, and from S Forest Street to south of S Hinds Street.

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SDOT City of Seattle Alignment EXH A
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Version #1

East Link (International District/Chinatown Station to the west edge of Lake Washington along I-90)

Route: From the International District/Chinatown Station in the Downtown Seattle Transit Tunnel coming up at grade onto the Interstate 90 Express Lanes

Stations:

Rainier Station – on I-90 center roadway east of Rainer Avenue S, at-grade

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SDOT City of Seattle Alignment EXH B
May 7, 2013
Version #1

Exhibit B

Light Rail Alignment, Station Locations, and Maintenance Facility Location

(Maps 1-20)

Northgate Link (Northgate Station to University of Washington Station).....1-5

U-Link (University of Washington Station to Pine St.).....6-7

Initial Segment (Pine St. to City Limit – Boeing Access Road).....8-17

East Link (International District Tunnel Station to Lake Washington, via I-90).....18-20

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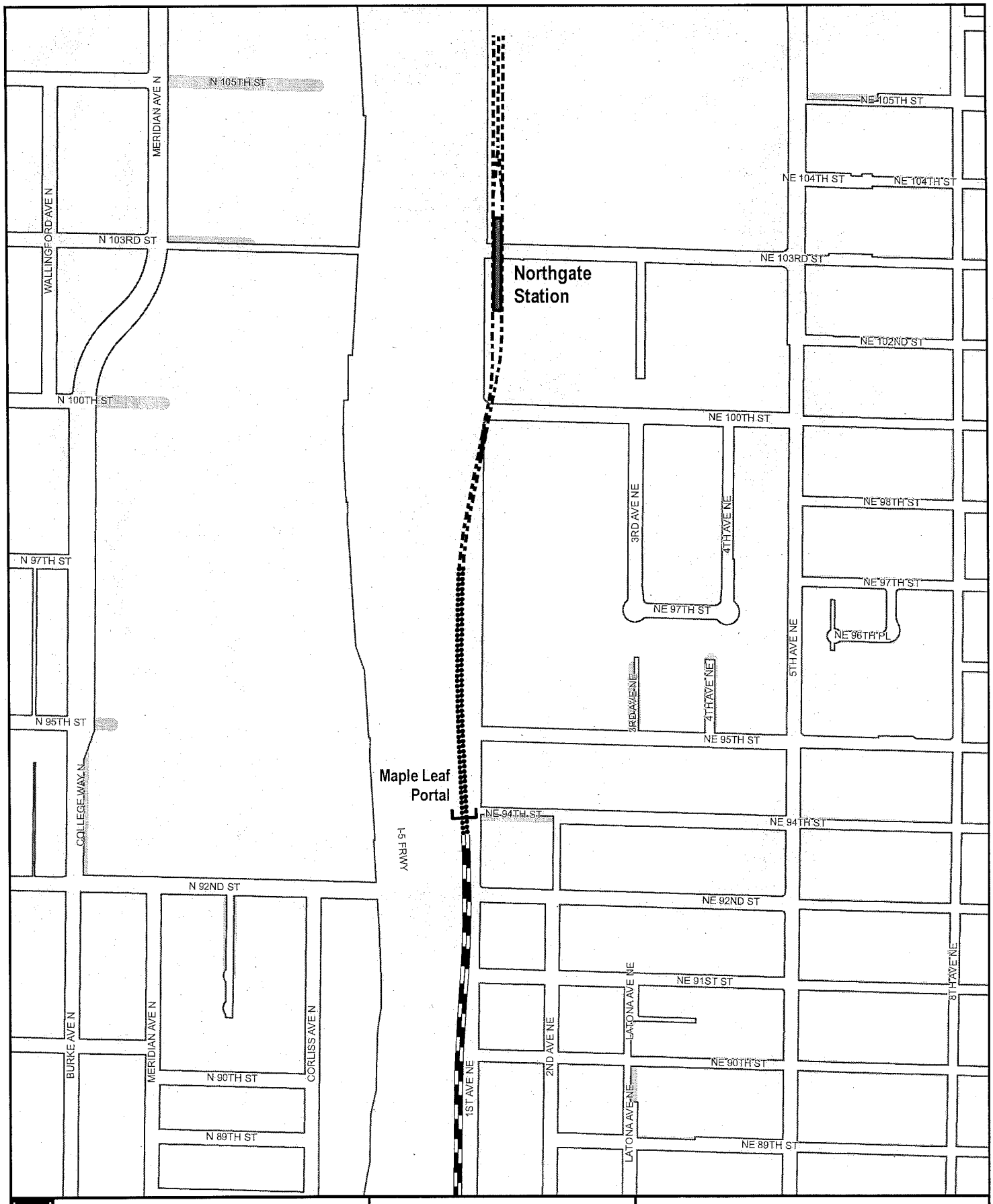
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NE 104TH ST
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WALLINGFORD AVE N
N 103RD ST
NE 103RD ST
Northgate Station
NE 102ND ST
N 100TH ST
NE 100TH ST
3RD AVE NE
4TH AVE NE
NE 98TH ST
N 97TH ST
NE 97TH ST
NE 96TH PL
5TH AVE NE
N 95TH ST
NE 95TH ST
Maple Leaf Portal
NE 94TH ST
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LATONA AVE NE
BURKE AVE N
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NE 89TH ST
Legend
LIGHT RAIL ALIGNMENT
Aerial
At Grade
Subway
Cut and Cover
Retained Cut / Fill
Light rail station platform
Maintenance facility
Right-of-way
Exhibit B: Light Rail Alignment, Station Locations, and Maintenance Facility Location
Map 1 of 20
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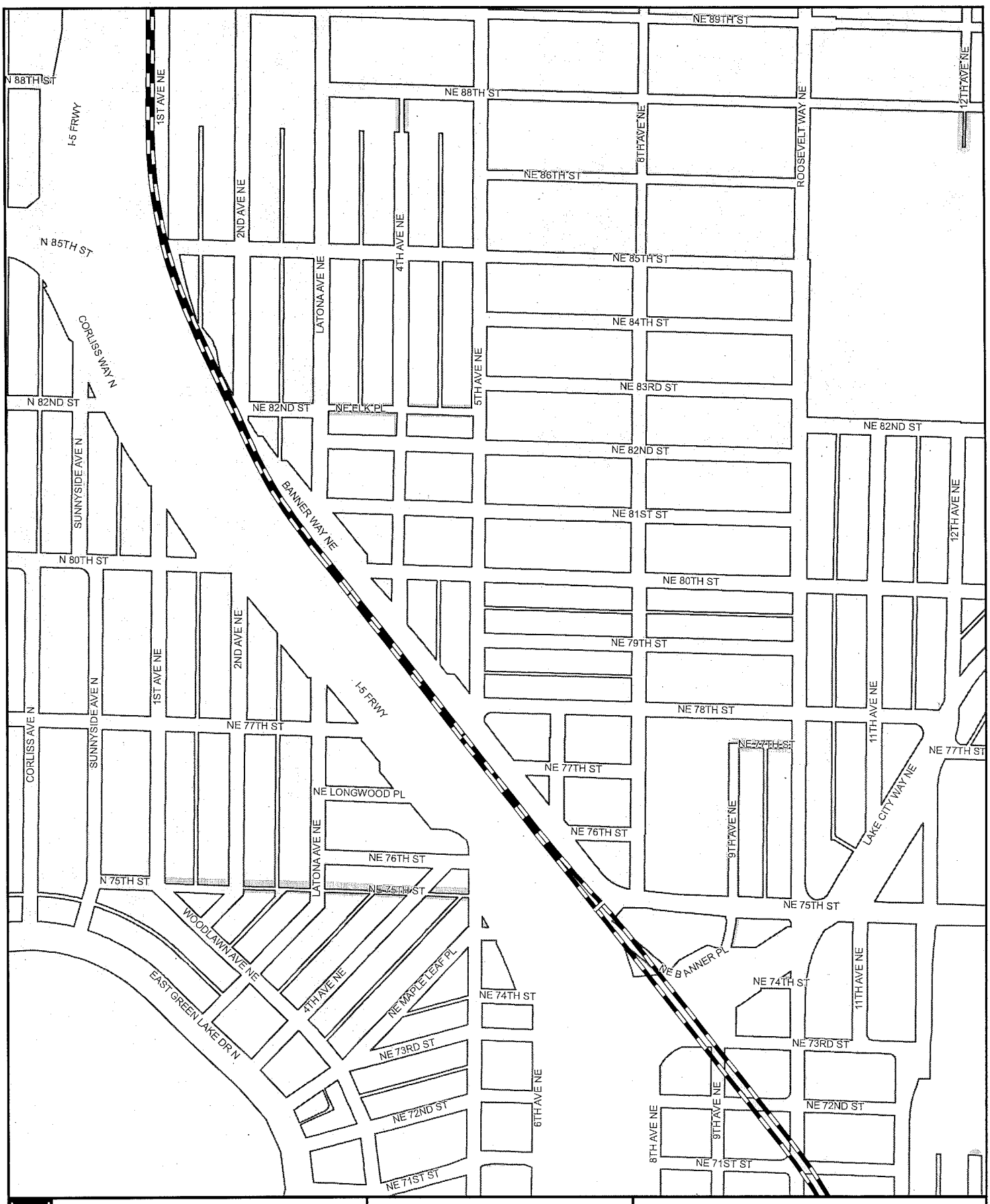

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LIGHT RAIL ALIGNMENT

- Aerial
- At Grade
- Subway
- Cut and Cover
- Retained Cut / Fill

- Light rail station platform
- Maintenance facility
- Right-of-way

Exhibit B: Light Rail Alignment, Station Locations, and Maintenance Facility Location
Map 2 of 20

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Data source: King County GIS, City of Seattle, Sound Transit GIS
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LIGHT RAIL ALIGNMENT

- Aerial
- At Grade
- Subway
- Cut and Cover
- Retained Cut / Fill
- Light rail station platform
- Maintenance facility
- Right-of-way

Exhibit B: Light Rail Alignment, Station Locations, and Maintenance Facility Location
Map 3 of 20

SOUNDTRANSIT
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Data source: King County GIS, City of Seattle, Sound Transit GIS
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LIGHT RAIL ALIGNMENT
- Aerial
- At Grade
- Subway
- Cut and Cover
- Retained Cut / Fill
- Light rail station platform
- Maintenance facility
- Right-of-way

Exhibit B: Light Rail Alignment, Station Locations, and Maintenance Facility Location
Map 4 of 20

SOUNDTRANSIT
October 2012

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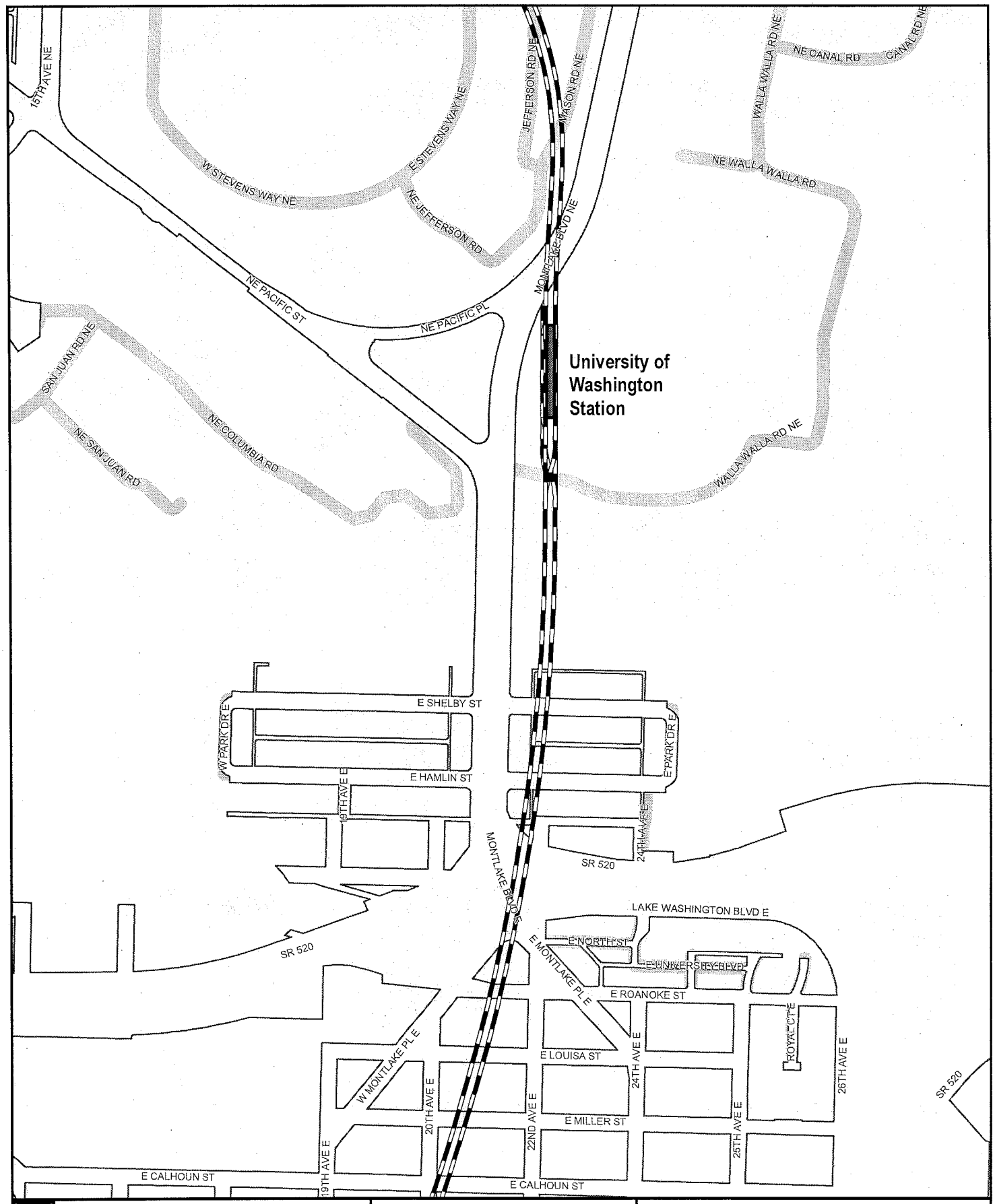

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LIGHT RAIL ALIGNMENT

- Aerial
- At Grade
- Subway
- Cut and Cover
- Retained Cut / Fill
- Light rail station platform
- Maintenance facility
- Right-of-way

Exhibit B: Light Rail Alignment, Station Locations, and Maintenance Facility Location
Map 5 of 17

SOUNDTRANSIT
October 2012

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LIGHT RAIL ALIGNMENT
- Aerial
- At Grade
- Subway
- Cut and Cover
- Retained Cut / Fill
- Light rail station platform
- Maintenance facility
- Right-of-way

Exhibit B: Light Rail Alignment, Station Locations, and Maintenance Facility Location
Map 6 of 20

SoundTransit
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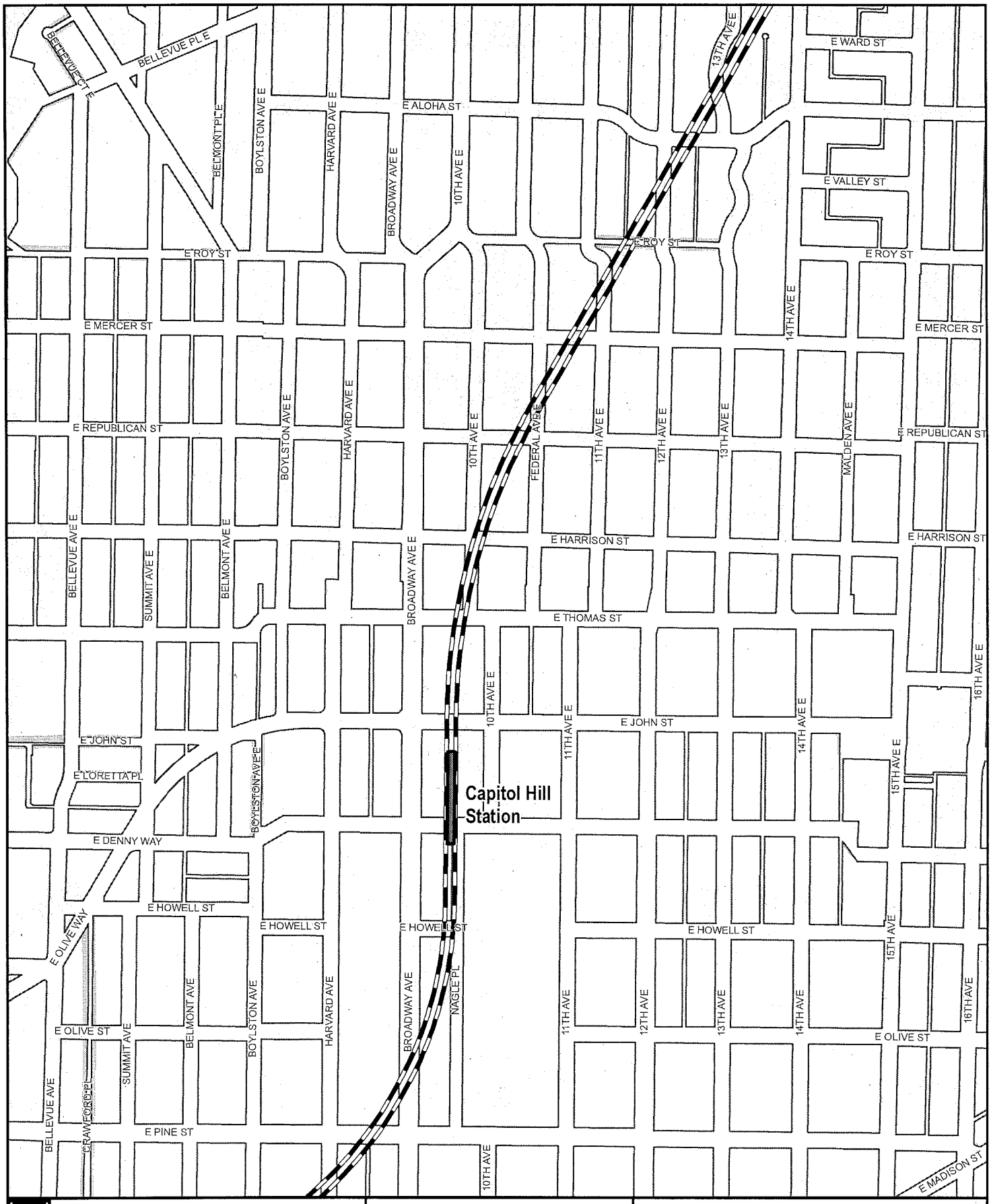

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LIGHT RAIL ALIGNMENT

- Aerial
- At Grade
- Subway
- Cut and Cover
- Retained Cut / Fill
- Light rail station platform
- Maintenance facility
- Right-of-way

Exhibit B: Light Rail Alignment, Station Locations, and Maintenance Facility Location
Map 7 of 20

Sound Transit
October 2012

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Data source: King County GIS, City of Seattle, Sound Transit GIS
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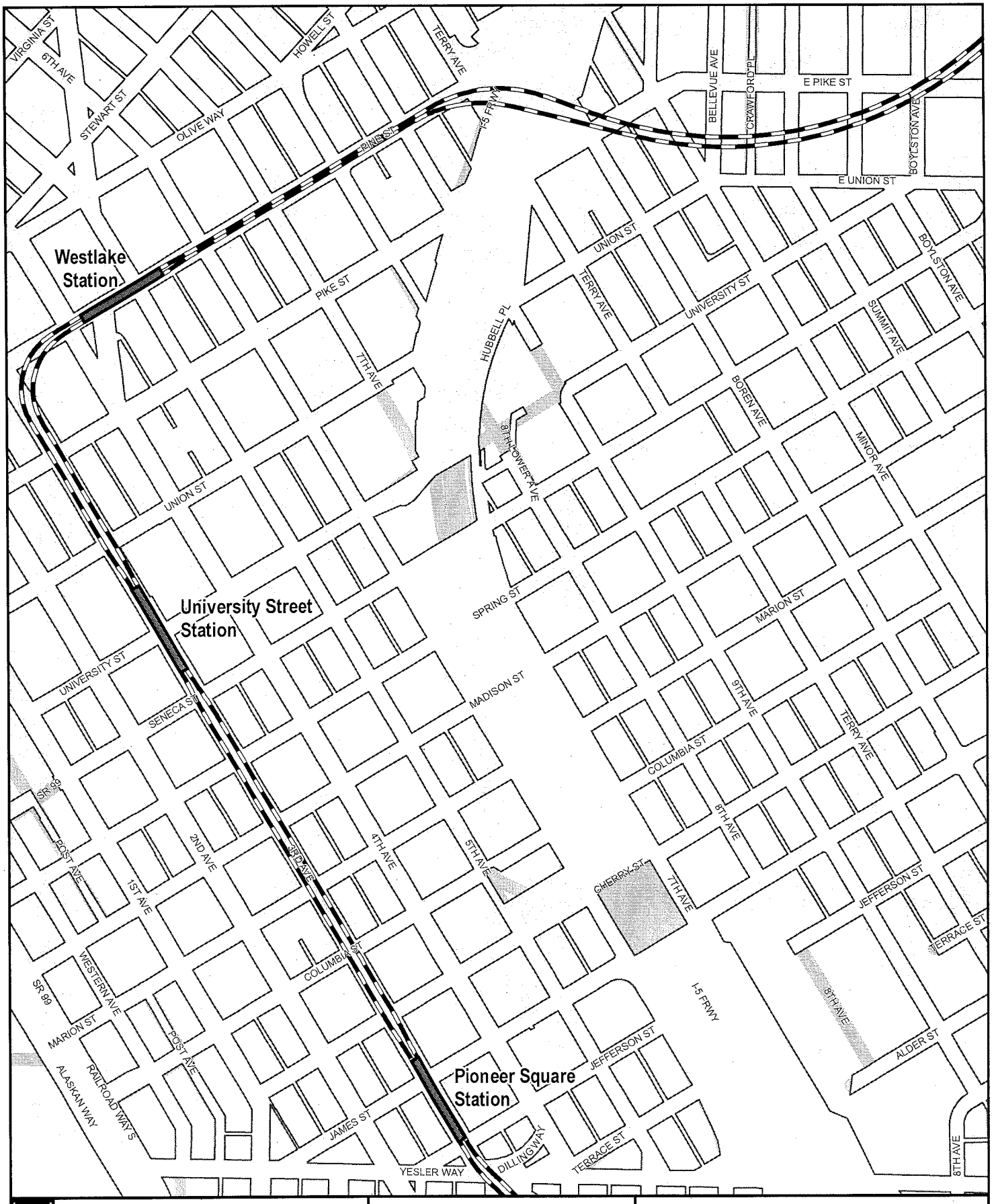

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LIGHT RAIL ALIGNMENT
- Aerial
- Cut and Cover
- At Grade
- Retained Cut / Fill
- Subway

- Light rail station platform
- Maintenance facility
- Right-of-way

Exhibit B: Light Rail Alignment, Station Locations, and Maintenance Facility Location
Map 8 of 20

SoundTransit
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Data source: King County GIS, City of Seattle, Sound Transit GIS
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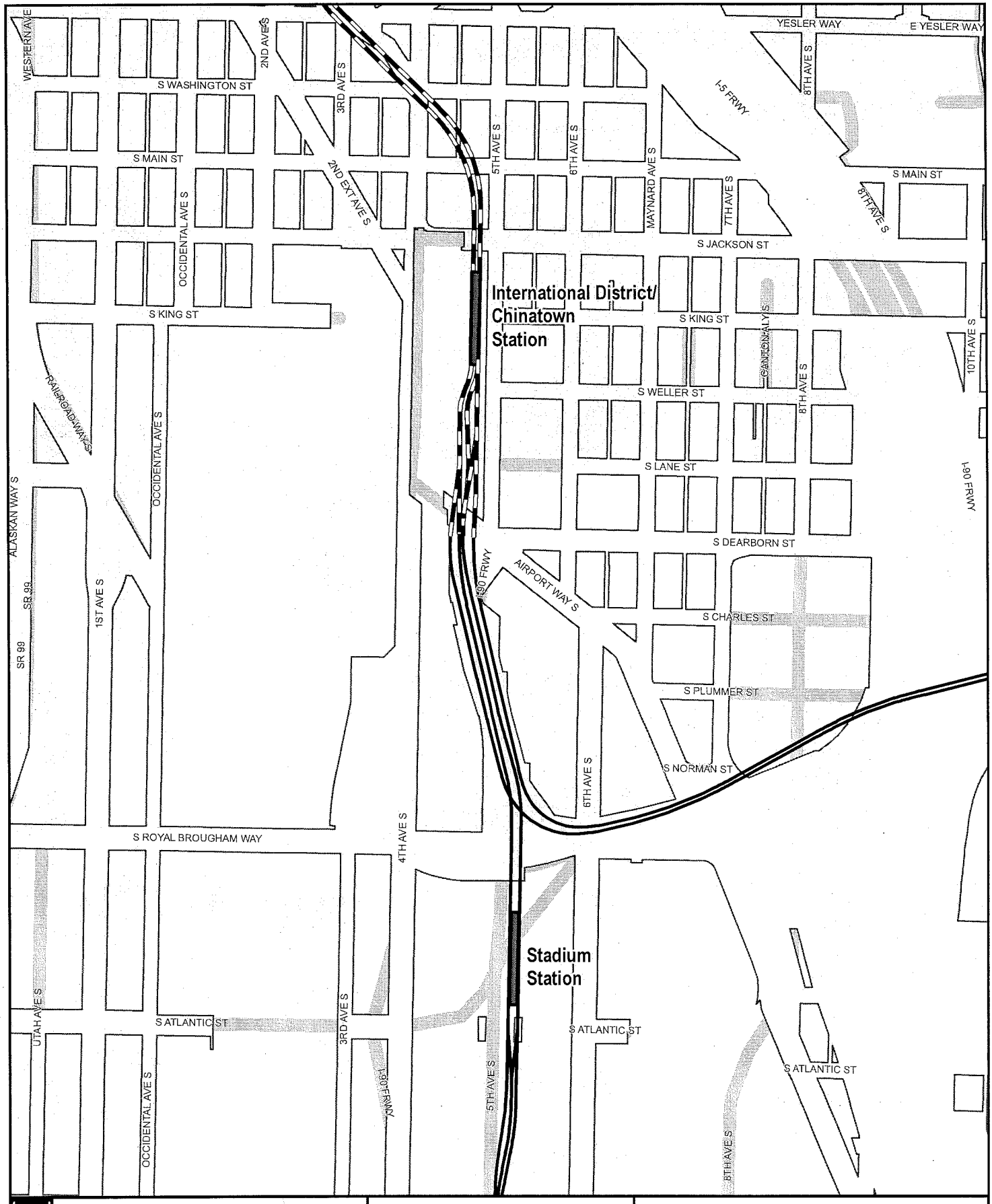
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E YESLER WAY
8TH AVE S
I-5 FRWY
S MAIN ST
5TH AVE S
6TH AVE S
MAYNARD AVE S
7TH AVE S
2ND EXT AVE S
OCCIDENTAL AVE S
S JACKSON ST
International District/
Chinatown
Station
S KING ST
CANTON ALY S
10TH AVE S
RAILROAD WAY S
S WELLER ST
S LANE ST
ALASKAN WAY S
SR 99
1ST AVE S
I-90 FRWY
S DEARBORN ST
AIRPORT WAY S
S CHARLES ST
S PLUMMER ST
S NORMAN ST
S ROYAL BROUGHAM WAY
4TH AVE S
Stadium
Station
UTAH AVE S
S ATLANTIC ST
OCCIDENTAL AVE S
Legend
LIGHT RAIL ALIGNMENT
Aerial
Cut and Cover
At Grade
Retained Cut / Fill
Subway
Light rail station platform
Maintenance facility
Right-of-way
Exhibit B: Light Rail Alignment, Station Locations, and Maintenance Facility Location
Map 9 of 20
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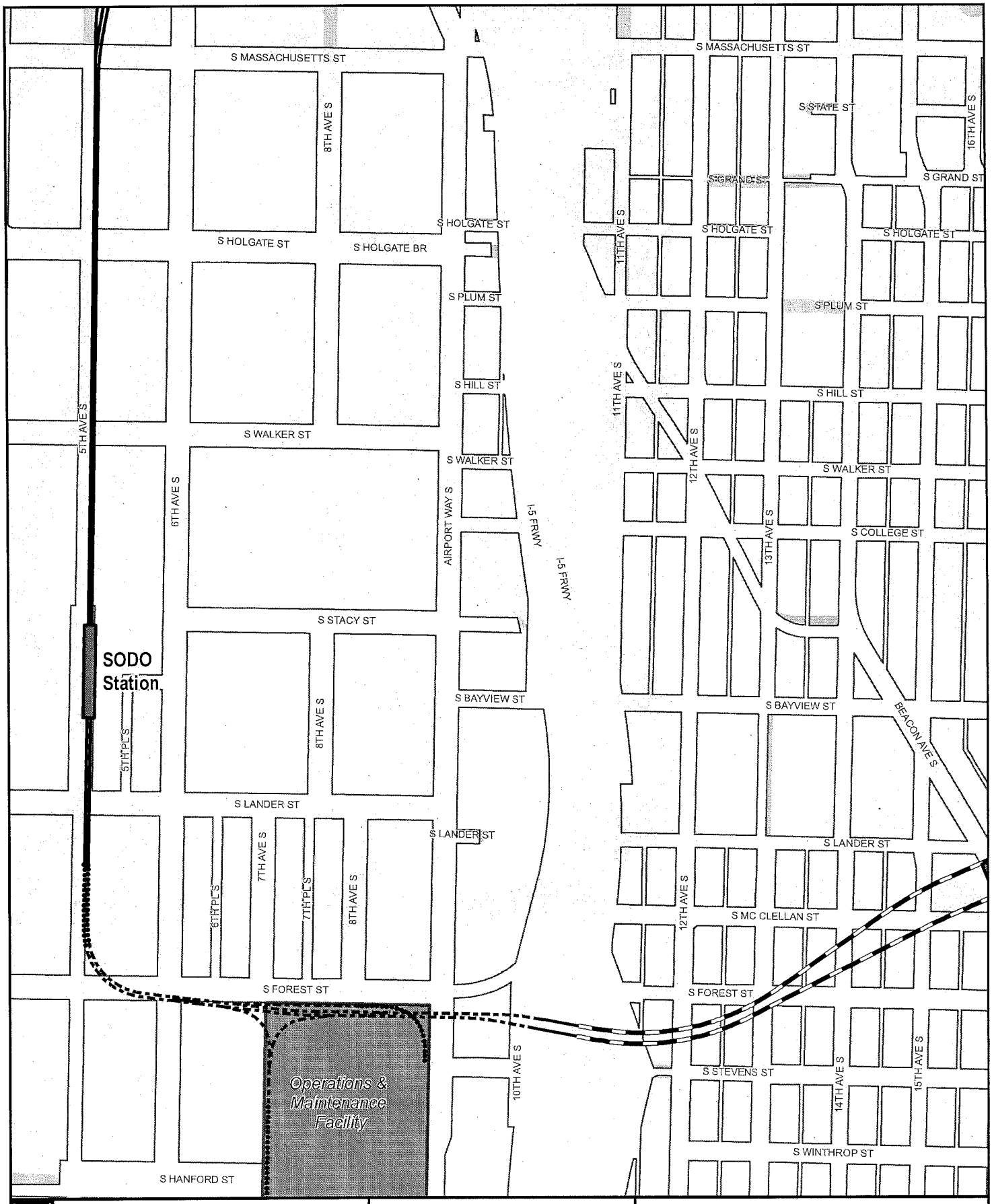

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LIGHT RAIL ALIGNMENT
- Aerial
- At Grade
- Subway
- Cut and Cover
- Retained Cut / Fill
- Light rail station platform
- Maintenance facility
- Right-of-way

Exhibit B: Light Rail Alignment, Station Locations, and Maintenance Facility Location
Map 10 of 20

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October 2012

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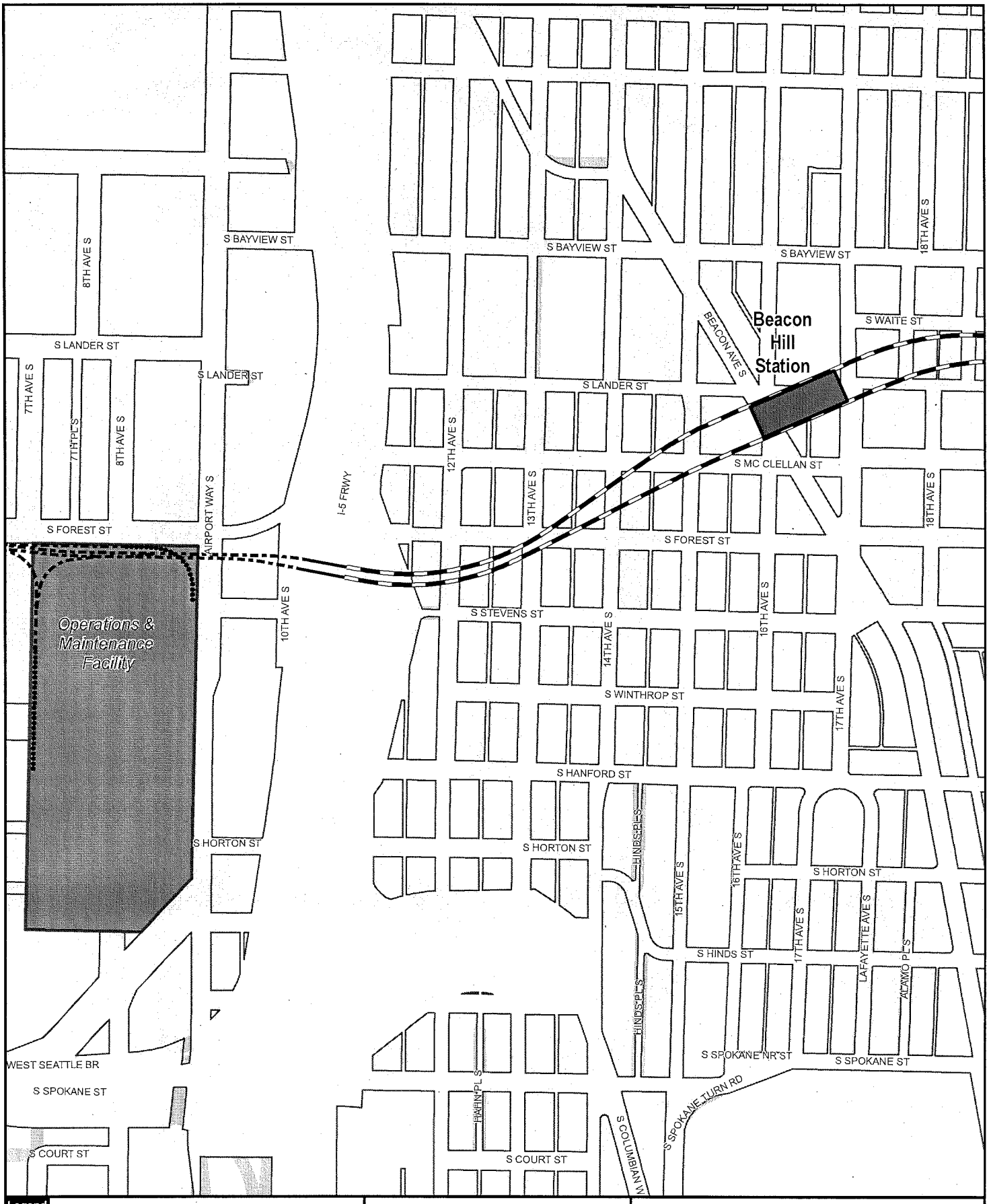

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LIGHT RAIL ALIGNMENT
- Aerial
- Cut and Cover
- At Grade
- Retained Cut / Fill
- Subway

- Light rail station platform
- Maintenance facility
- Right-of-way

Exhibit B: Light Rail Alignment, Station Locations, and Maintenance Facility Location
Map 11 of 20

Sound Transit
October 2012

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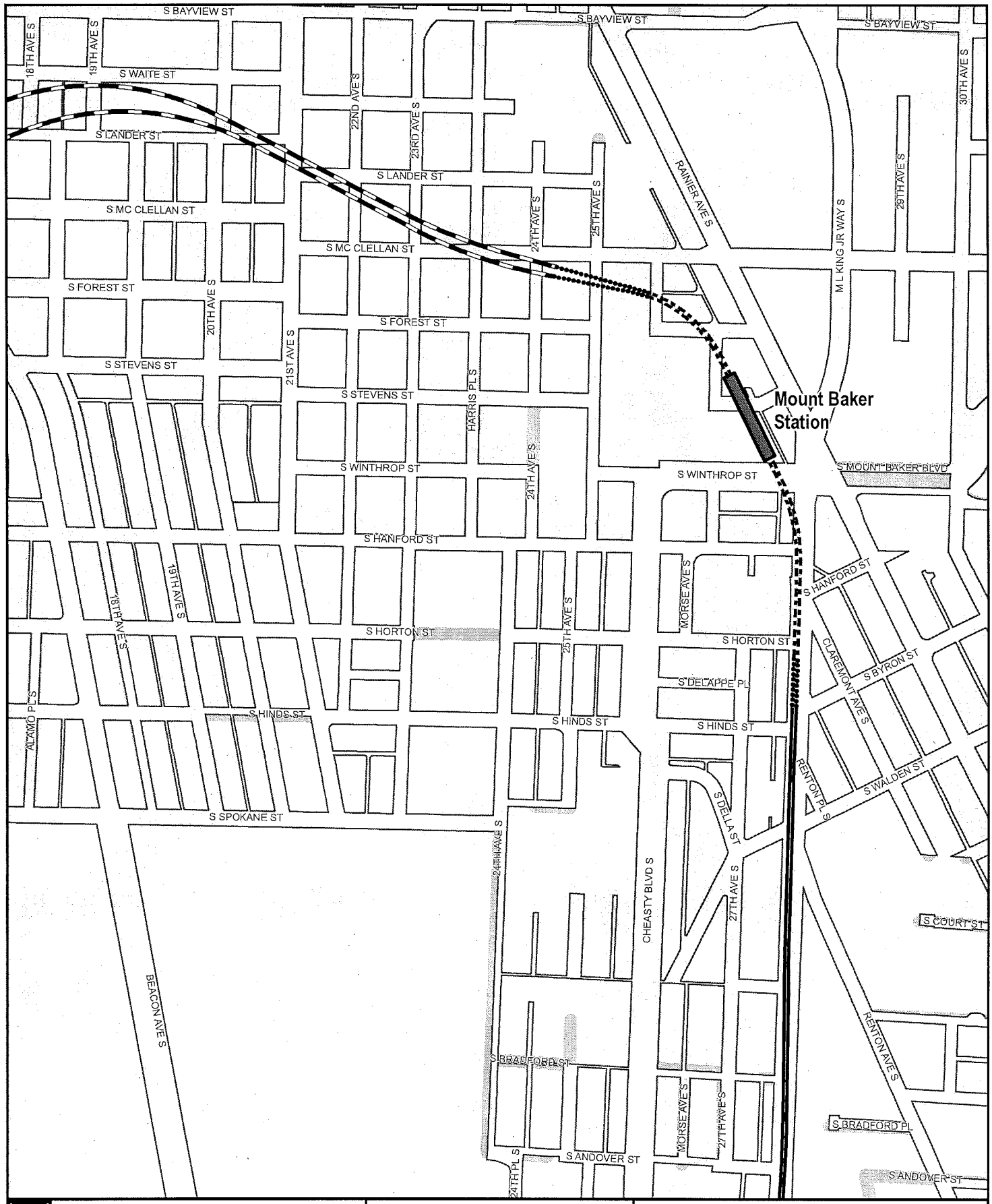

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LIGHT RAIL ALIGNMENT
- Aerial
- Cut and Cover
- At Grade
- Retained Cut / Fill
- Subway

- Light rail station platform
- Maintenance facility
- Right-of-way

Exhibit B: Light Rail Alignment, Station Locations, and Maintenance Facility Location
Map 12 of 20

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October 2012
Data source: King County GIS, City of Seattle, Sound Transit GIS
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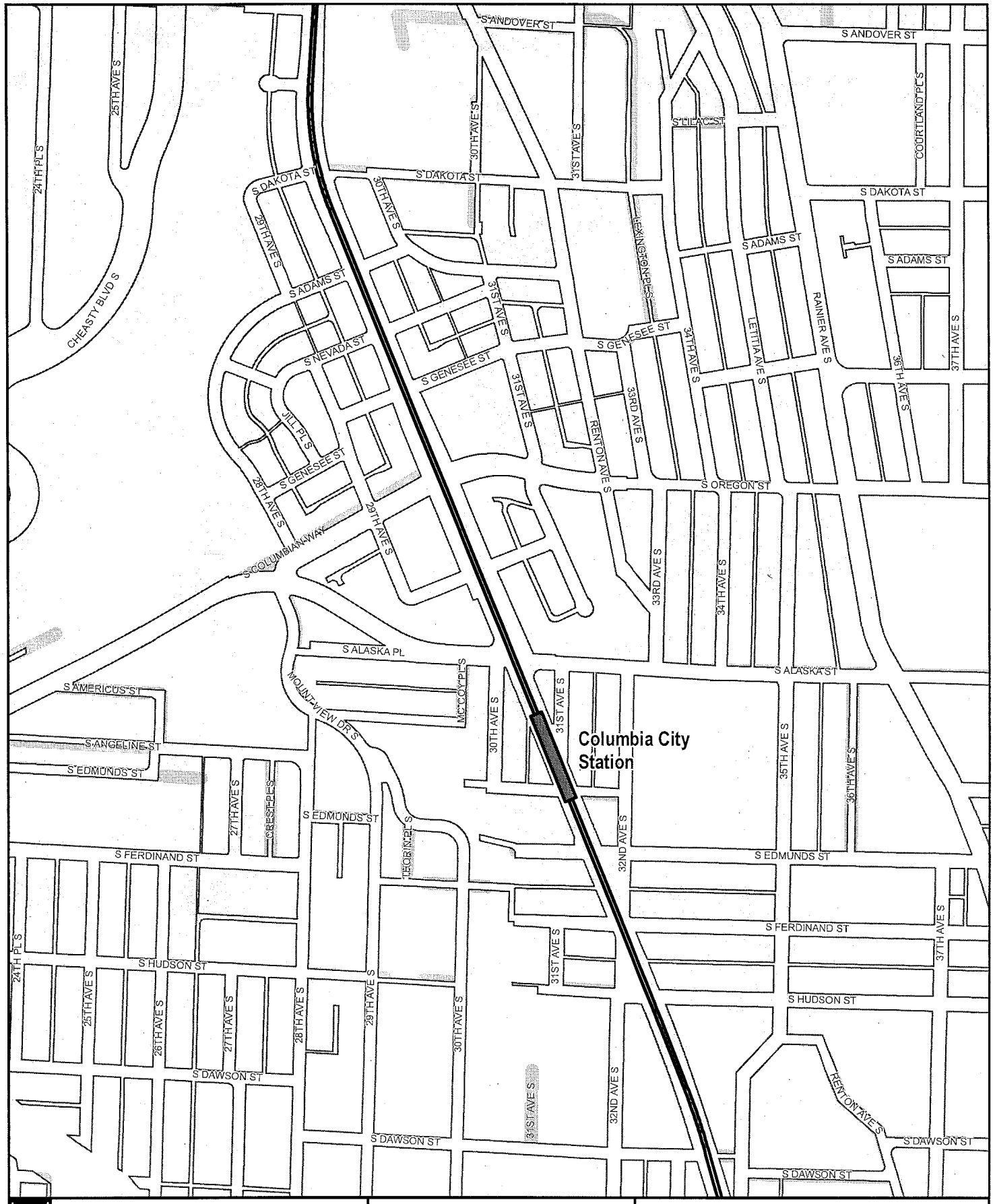

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LIGHT RAIL ALIGNMENT

- Aerial
- Cut and Cover
- At Grade
- Retained Cut / Fill
- Subway

- Light rail station platform
- Maintenance facility
- Right-of-way

Exhibit B: Light Rail Alignment, Station Locations, and Maintenance Facility Location
Map 13 of 20

SOUNDTRANSIT

October 2012

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Data source: King County GIS, City of Seattle, Sound Transit GIS

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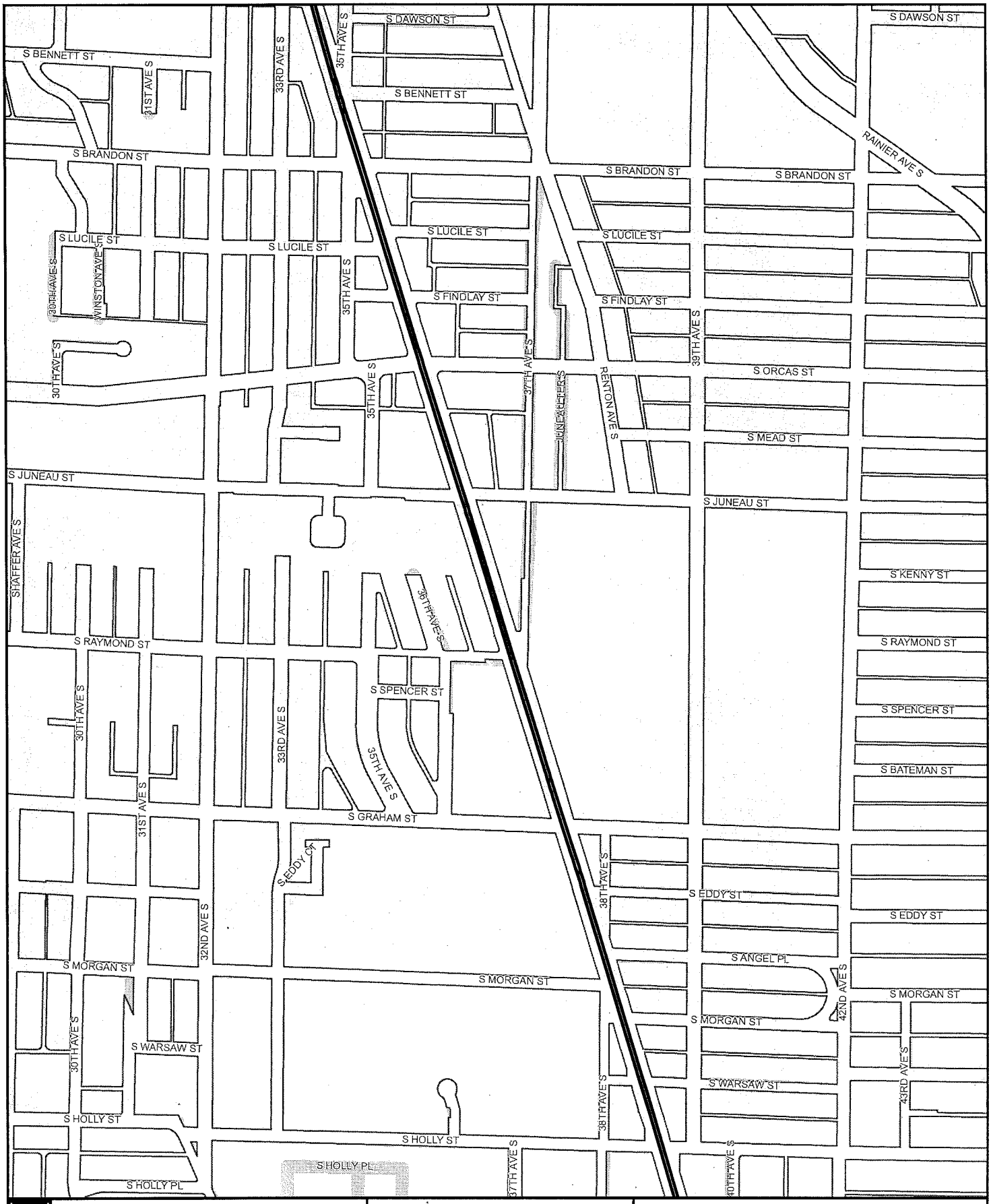

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LIGHT RAIL ALIGNMENT
- Aerial
- Cut and Cover
- At Grade
- Retained Cut / Fill
- Subway
- Light rail station platform
- Maintenance facility
- Right-of-way

Exhibit B: Light Rail Alignment, Station Locations, and Maintenance Facility Location
Map 14 of 20

SoundTransit
October 2012

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Data source: King County GIS, City of Seattle, Sound Transit GIS
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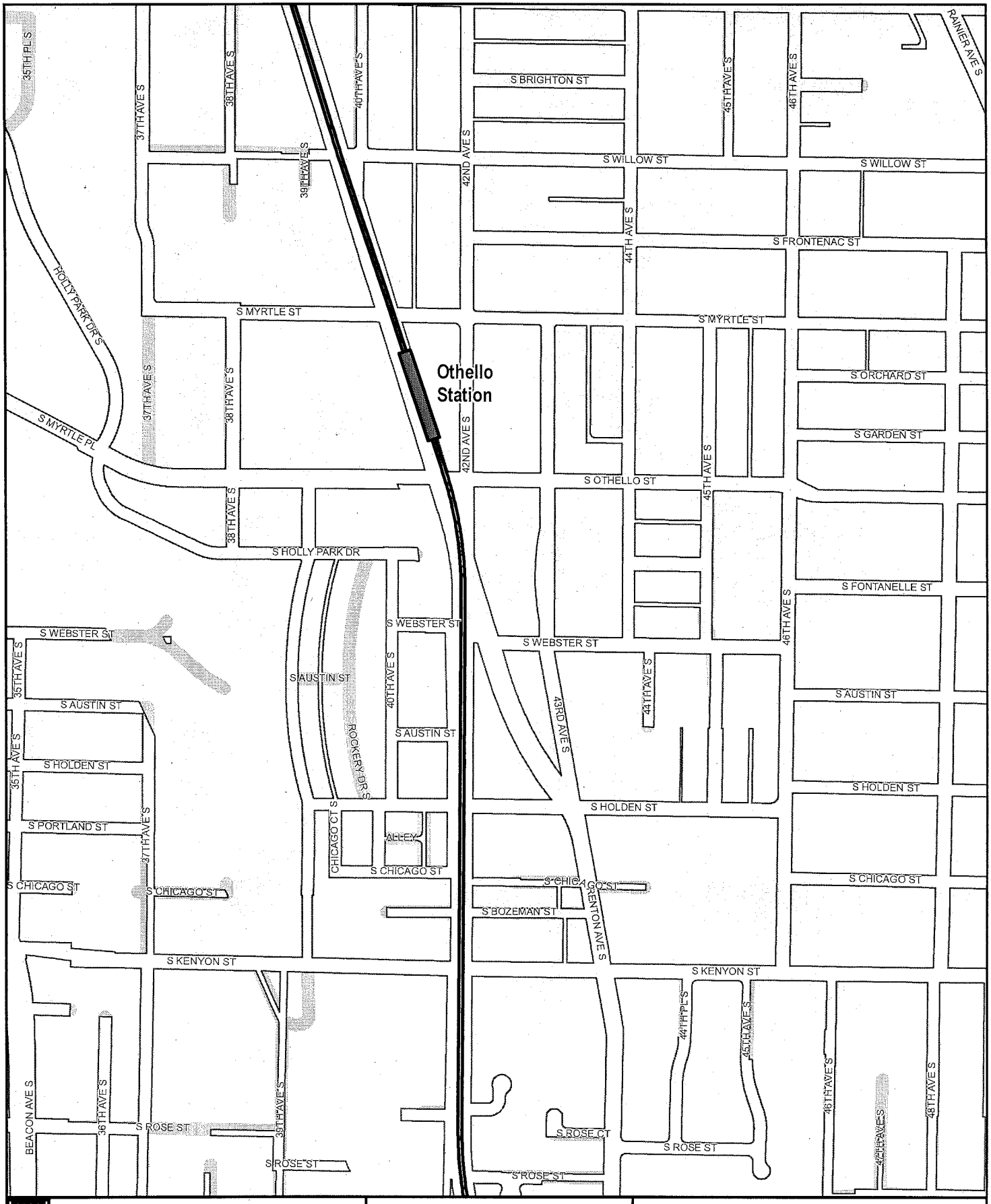

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LIGHT RAIL ALIGNMENT
- Aerial
- At Grade
- Subway
- Cut and Cover
- Retained Cut / Fill
- Light rail station platform
- Maintenance facility
- Right-of-way

Exhibit B: Light Rail Alignment, Station Locations, and Maintenance Facility Location
Map 15 of 20

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Data source: King County GIS, City of Seattle, Sound Transit GIS
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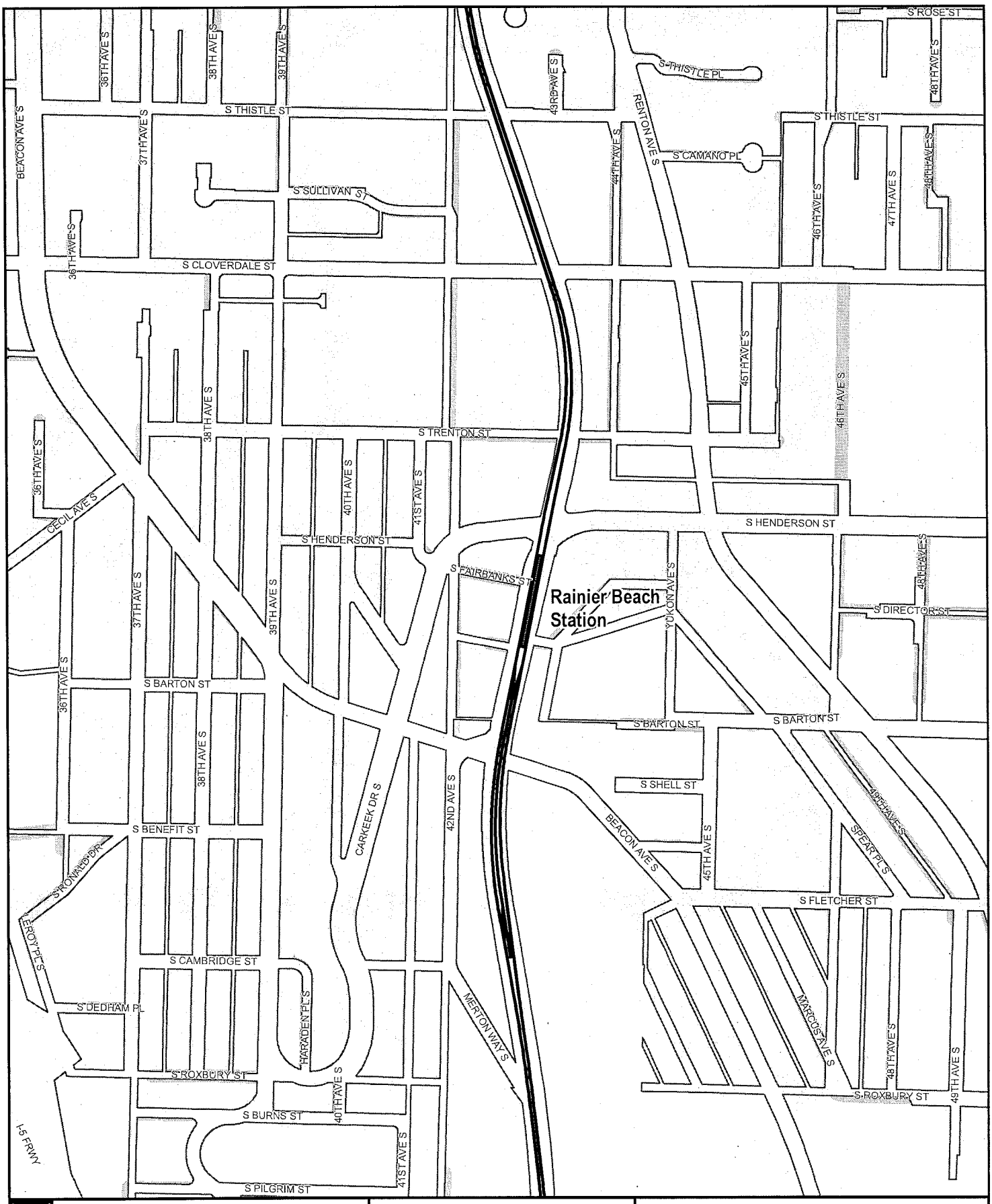

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LIGHT RAIL ALIGNMENT
- Aerial
- At Grade
- Subway
- Cut and Cover
- Retained Cut / Fill
- Light rail station platform
- Maintenance facility
- Right-of-way

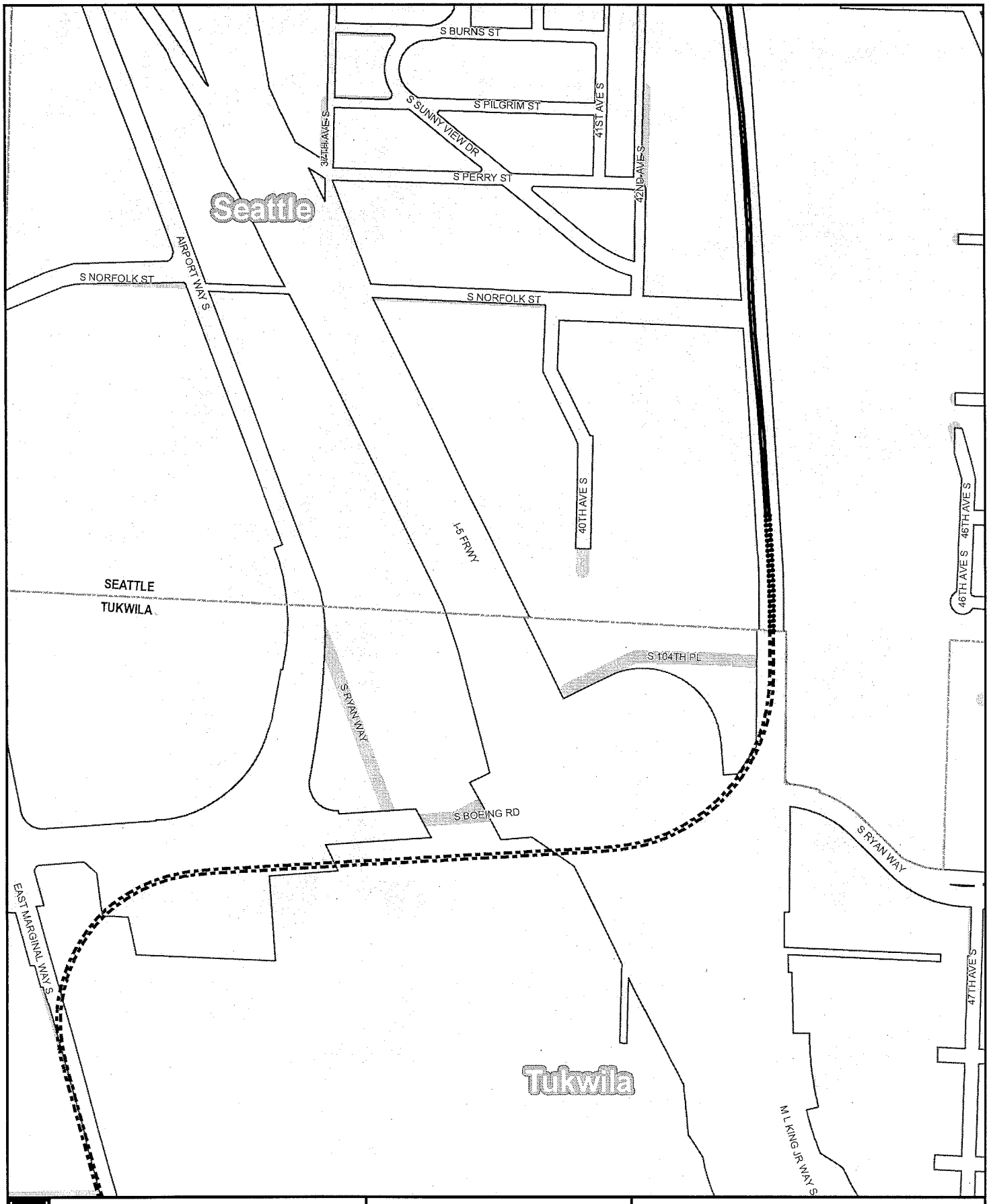
Exhibit B: Light Rail Alignment, Station Locations, and Maintenance Facility Location
Map 16 of 20

SoundTransit
October 2012

0 250 500
Feet

Data source: King County GIS, City of Seattle, Sound Transit GIS
G:\PROJECTS\002LINK\North\Seattle\ROWExhibitMaps\2012
No guarantee of any sort implied, including accuracy, completeness, or fitness for use

CITY CLERK



Legend

LIGHT RAIL ALIGNMENT
- Aerial
- At Grade
- Subway
- Cut and Cover
- Retained Cut / Fill
- Light rail station platform
- Maintenance facility
- Right-of-way

Exhibit B: Light Rail Alignment, Station Locations, and Maintenance Facility Location
Map 17 of 20

SOUNDTRANSIT
October 2012

0 250 500
Feet

Data source: King County GIS, City of Seattle, Sound Transit GIS
G:\PROJECTS\002LINK\North\SeattleROW\Exhibits\Maps\2012
No guarantee of any sort implied, including accuracy, completeness, or fitness for use

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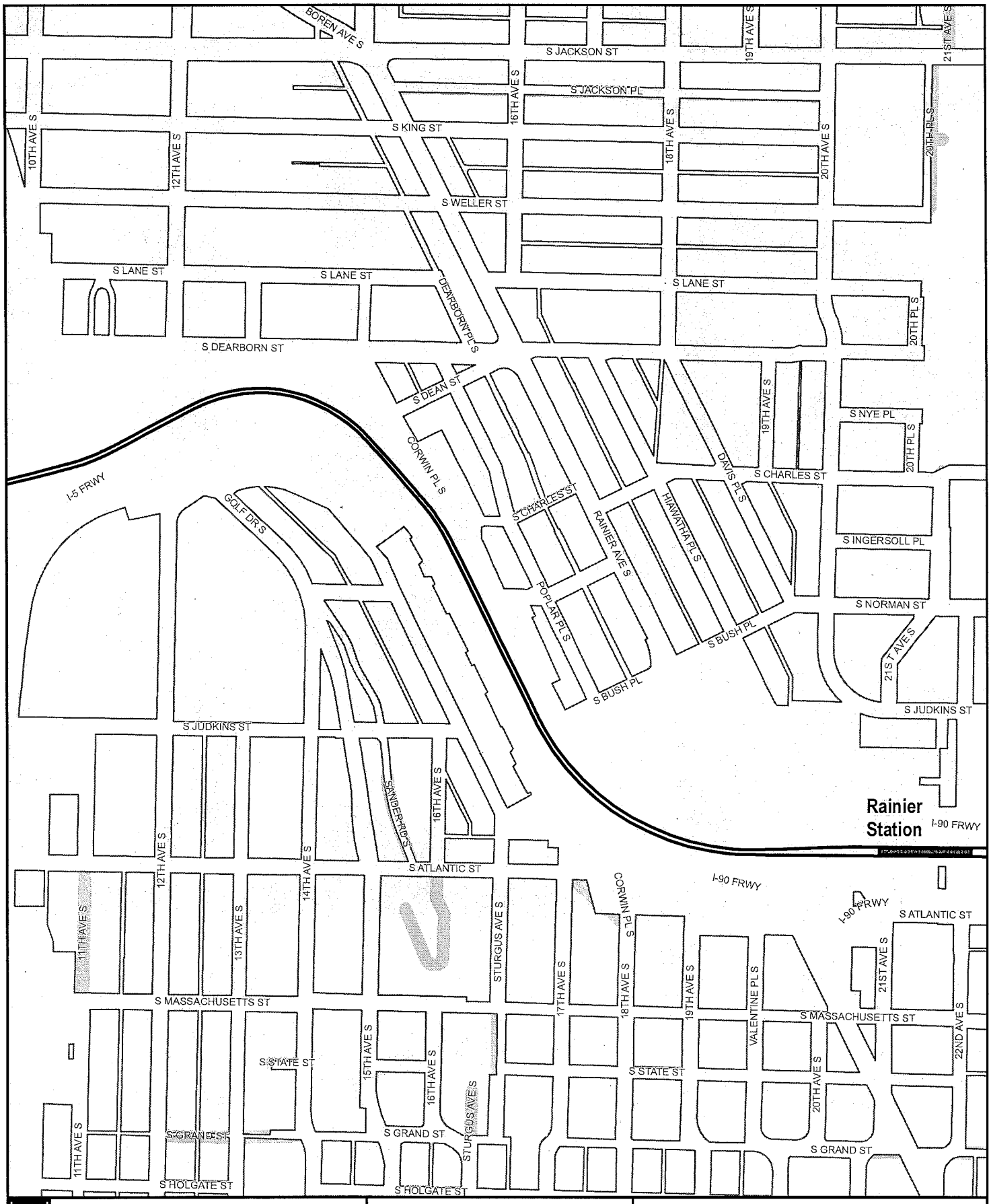

Legend

LIGHT RAIL ALIGNMENT
- Aerial
- At Grade
- Subway
- Cut and Cover
- Retained Cut / Fill
- Light rail station platform
- Maintenance facility
- Right-of-way

Exhibit B: Light Rail Alignment, Station Locations, and Maintenance Facility Location
Map 18 of 20

SoundTransit

0 250 500
Feet

Data source: King County GIS, City of Seattle, Sound Transit GIS
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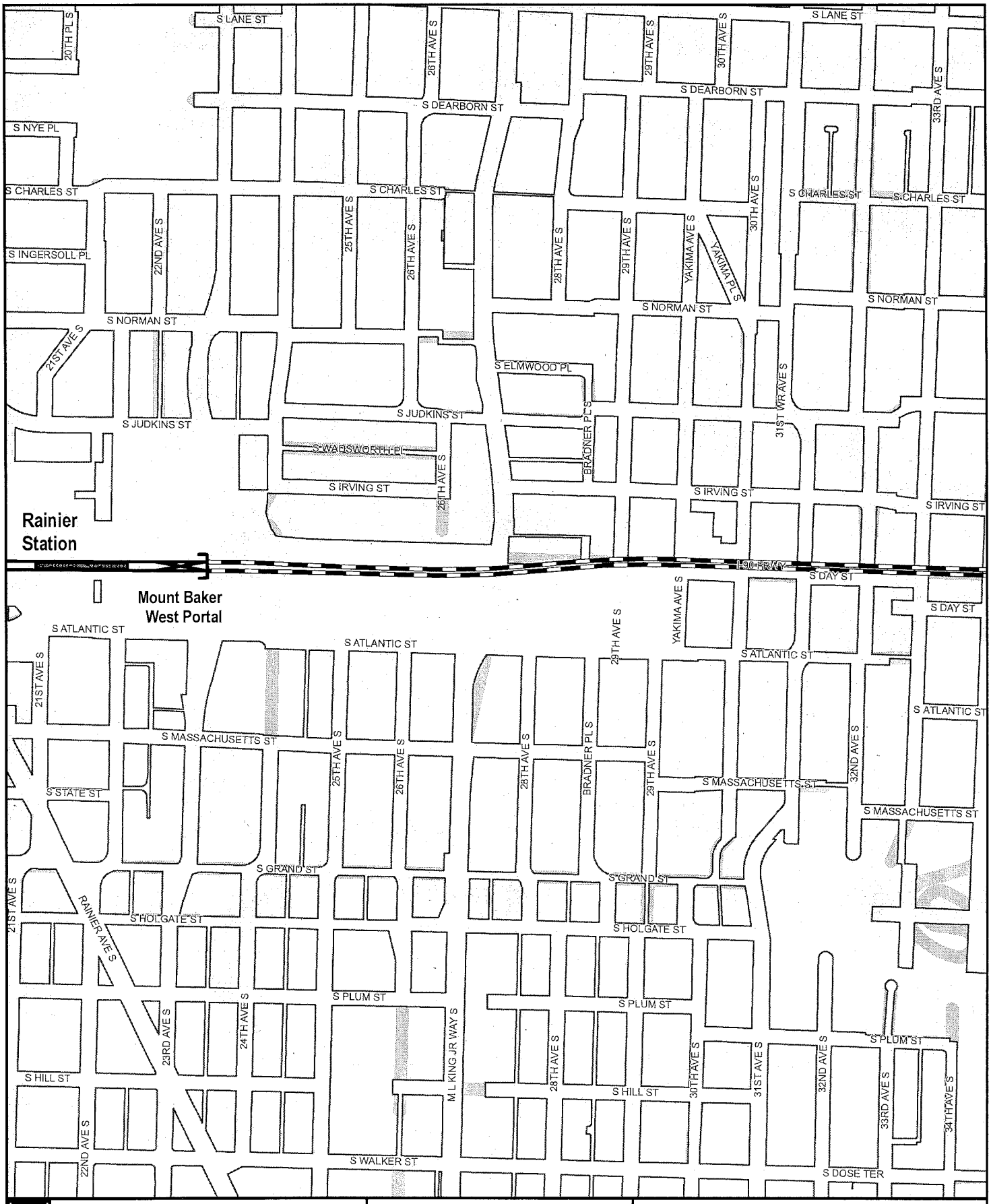

Legend

LIGHT RAIL ALIGNMENT
- Aerial
- At Grade
- Subway
- Cut and Cover
- Retained Cut / Fill
- Light rail station platform
- Maintenance facility
- Right-of-way

Exhibit B: Light Rail Alignment, Station Locations, and Maintenance Facility Location
Map 19 of 20

SOUNDTRANSIT
October 2012

0 250 500
Feet

Data source: King County GIS, City of Seattle, Sound Transit GIS
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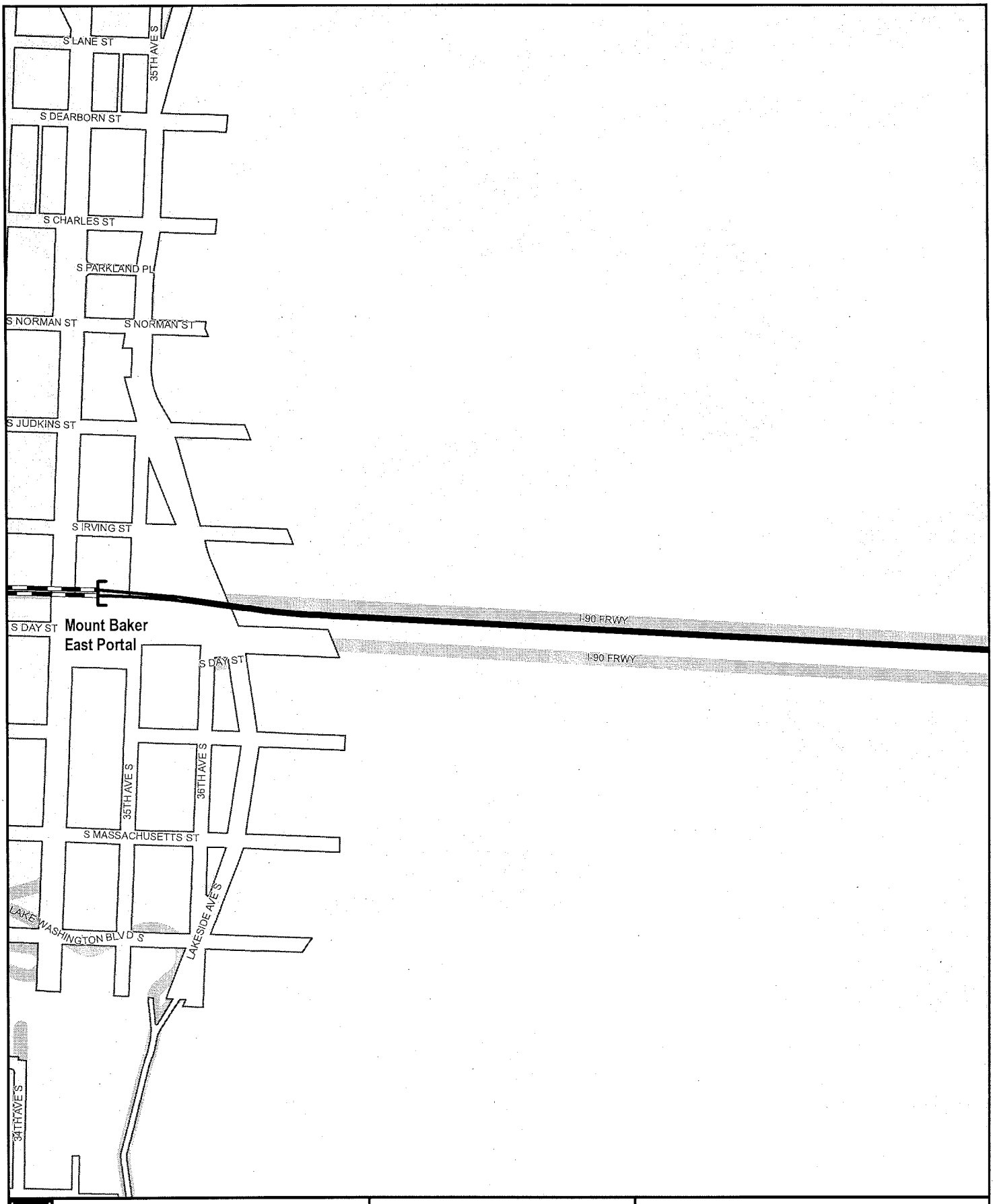

Legend

LIGHT RAIL ALIGNMENT
- Aerial
- At Grade
- Subway
- Cut and Cover
- Retained Cut / Fill
- Light rail station platform
- Maintenance facility
- Right-of-way

Exhibit B: Light Rail Alignment, Station Locations, and Maintenance Facility Location
Map 20 of 20

SoundTransit
October 2012

0 250 500
Feet

Data source: King County GIS, City of Seattle, Sound Transit GIS
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CITY CLERK

Ethan Melone
SDOT City of Seattle Alignment EXH C
May 7, 2013
Version #1

Exhibit C

Link Light Rail Project North Corridor Plans and Profile Drawings

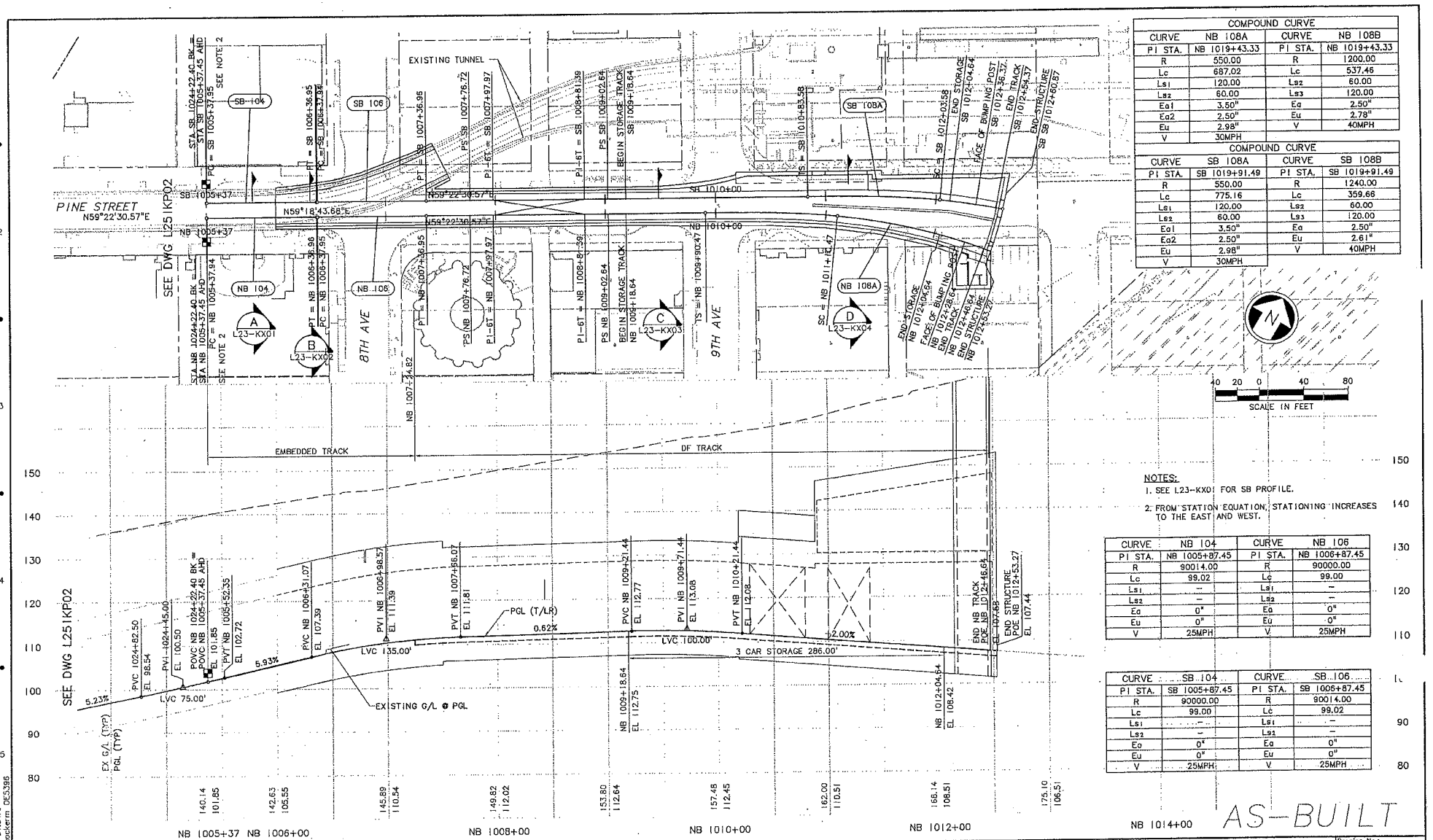
Northgate Link (Northgate Station to University of Washington Station).....1-23

U-Link (University of Washington Station to Pine St.).....24-40

Initial Segment (Pine St. to City Limit – Boeing Access Road).....41-93

East Link (International District Tunnel Station to Lake Washington, via I-90).....94-106

CITY CLERK



COMPOUND CURVE			
CURVE	NB 108A	CURVE	NB 108B
PI STA.	NB 1019+43.33	PI STA.	NB 1019+43.33
R	550.00	R	1200.00
Lc	687.02	Lc	537.46
Ls1	120.00	Ls2	60.00
Ls2	60.00	Ls3	120.00
Ea1	3.50"	Ea	2.50"
Ea2	2.50"	Eu	2.78"
Eu	2.98"	V	40MPH
V	30MPH		

COMPOUND CURVE			
CURVE	SB 108A	CURVE	SB 108B
PI STA.	SB 1019+91.49	PI STA.	SB 1019+91.49
R	550.00	R	1240.00
Lc	775.16	Lc	359.66
Ls1	120.00	Ls2	60.00
Ls2	60.00	Ls3	120.00
Ea1	3.50"	Ea	2.50"
Ea2	2.50"	Eu	2.61"
Eu	2.98"	V	40MPH
V	30MPH		

NOTES:

1. SEE L23-KX01 FOR SB PROFILE.
2. FROM STATION EQUATION, STATIONING INCREASES TO THE EAST AND WEST.

CURVE	NB 104	CURVE	NB 106
PI STA.	NB 1005+87.45	PI STA.	NB 1006+87.45
R	90014.00	R	90000.00
Lc	99.02	Lc	99.00
Ls1	–	Ls1	–
Ls2	–	Ls2	–
Ea	0"	Ea	0"
Eu	0"	Eu	0"
V	25MPH	V	25MPH

CURVE	SB 104	CURVE	SB 106
PI STA.	SB 1005+87.45	PI STA.	SB 1005+87.45
R	90000.00	R	90014.00
Lc	99.00	Lc	99.02
Ls1	–	Ls1	–
Ls2	–	Ls2	–
Ea	0"	Ea	0"
Eu	0"	Eu	0"
V	25MPH	V	25MPH

No.	Date	Dsn.	Chk.	App.	Revisions
B	02/29/08	BP	JLB		AS-BUILT
A	04/14/06	JLB	ASM	ASM	FC #050
0	06/25/04				ISSUED FOR CONSTRUCTION

City of Seattle

Work Order No.: Approved:
Permit No.: Y4495 Inspector's Book:
Received:
Revised As Built:
SDOT:

Designed By: J. BAILEY
Drawn By: K. WONG
Checked By: J. GACIARZ
Approved By: I. GUSTETICH

PSTC
Submitted: J. HARRISON Date: 06/25/04

SOUNDTRANSIT
Approved: S. KIRBY Date: 06/25/04

Scale: H: 1"=40'; V: 1"=10'
Filename: C52_L23_KP01.DWG
Contract No.: C 510
Date: 01/30/04

LINK LIGHT RAIL PROJECT
CENTRAL CORRIDOR

PINE STREET STUB TUNNEL
TRACK PLAN AND PROFILE

Drawing No.: L23-KP01
Vault Plan No.: 231-510
Sheet No.: 41 Rev.: B

34325 VAULT SERIAL NO. | DATE | MARK | NATURE OF REVISIONS | MADE/CHK'D | REV'D

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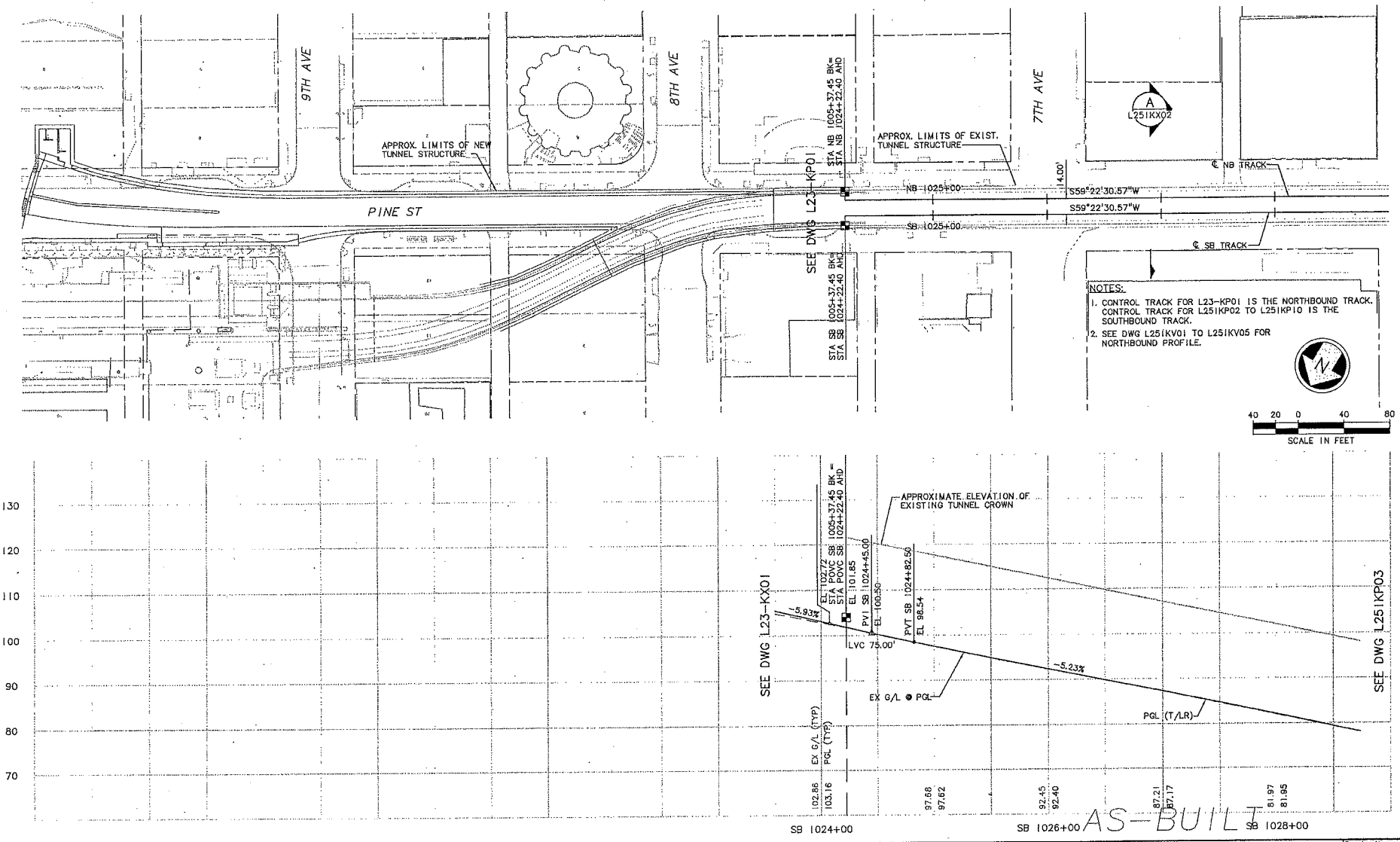

No.	Date	Dsn.	Chk.	App.	Revisions
B	02/29/08	BP	JLB		AS-BUILT
A	04/14/06	JLB	ASM	ASM	FC #050
0	08/25/04				ISSUED FOR CONSTRUCTION

City of Seattle
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Designed By: J. BAILEY
Drawn By: K. WONG
Checked By: M. COLYN
Approved By: I. GUSTETICH

PSTC
Submitted: J. HARRISON Date: 06/25/04

SOUNDTRANSIT
Approved: S. KIRBY Date: 06/25/04

Scale: H: 1"=40'; V: 1"=10'
Filename: C00_L25IKP02.dwg
Contract No.: C 510
Date: 02/24/04

LINK LIGHT RAIL PROJECT
CENTRAL CORRIDOR
TRACK PLAN & SB PROFILE
STA SB 1024+22.40 TO STA SB 1028+50

Drawing No.: L25IKP02
Vault Plan No.: 231-510
Sheet No.: 42 Rev.: B

34325 FAULT SERIAL NO.

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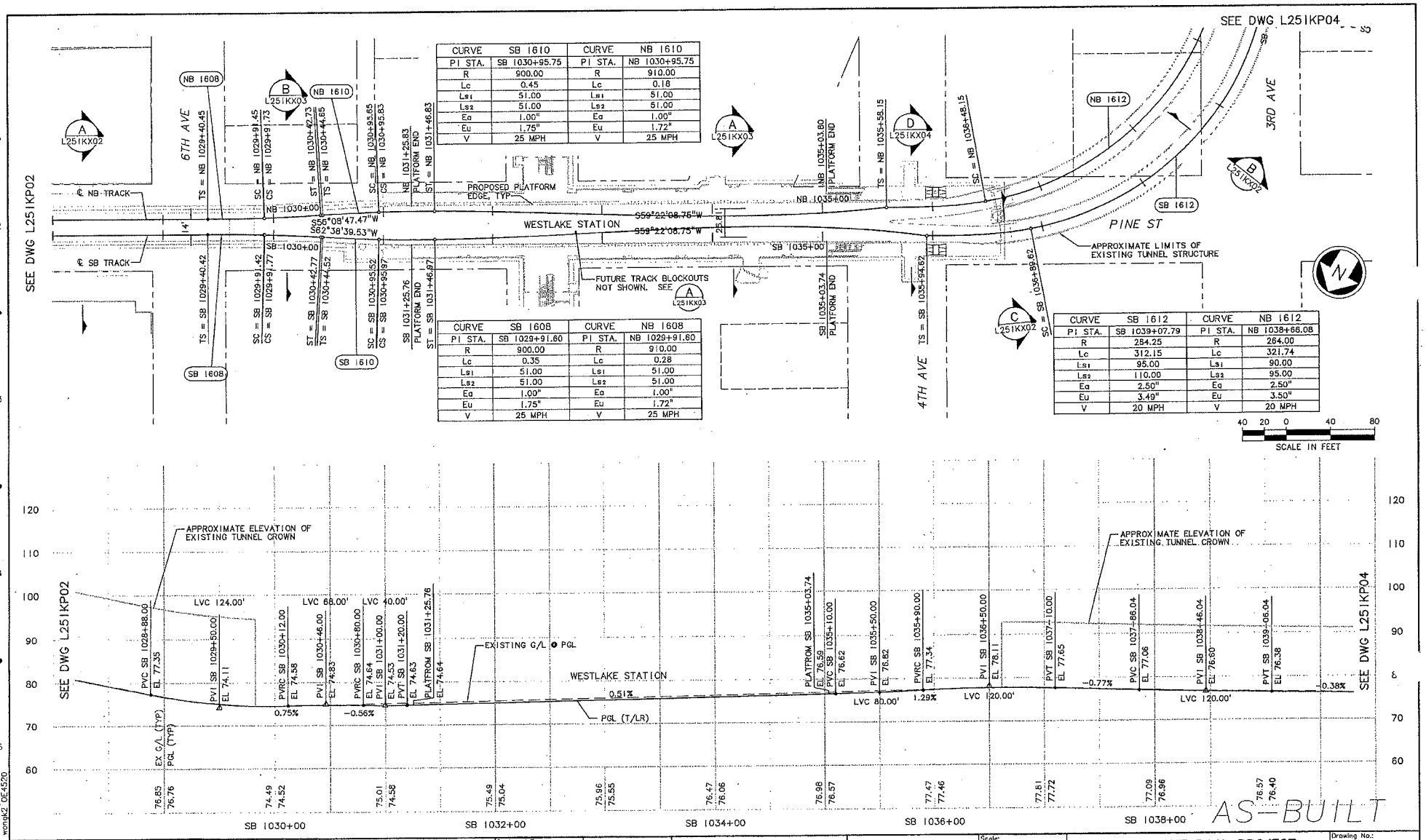

No.	Date	Dsn.	Chk.	App.	Revisions
A	02/29/08	BP	JLB		AS-BUILT
I	07/27/06	JLB	ASM	ASM	FC #059
0	06/25/04				ISSUED FOR CONSTRUCTION

City of Seattle
Work Order No.
Permit No. Y4495
SDOT:
Approved:
Inspector's Book:
Received:
Revised As Built:

Designed By: J. BAILEY
Drawn By: K. WONG
Checked By: M. COLYN
Approved By: I. GUSTETICH

PSTC
Submitted: J. HARRISON Date: 06/25/04

SOUNDTRANSIT
Approved: S. KIRBY Date: 06/25/04

Scale: H: 1"=40'; V: 1"=10'
Filename: C00_L251KP03.dwg
Contract No.: C 510
Date: 02/24/04

LINK LIGHT RAIL PROJECT
CENTRAL CORRIDOR
TRACK PLAN & SB PROFILE
STA SB 1028+50 TO STA SB 1039+50

Drawing No.: L251KP03
Vault Plan No.: 231-510
Sheet No.: 43 Rev.: A

34325
VAULT SERIAL NO. | DATE | MARK | NATURE OF REVISIONS | MADE BY/CK'D | REV'D

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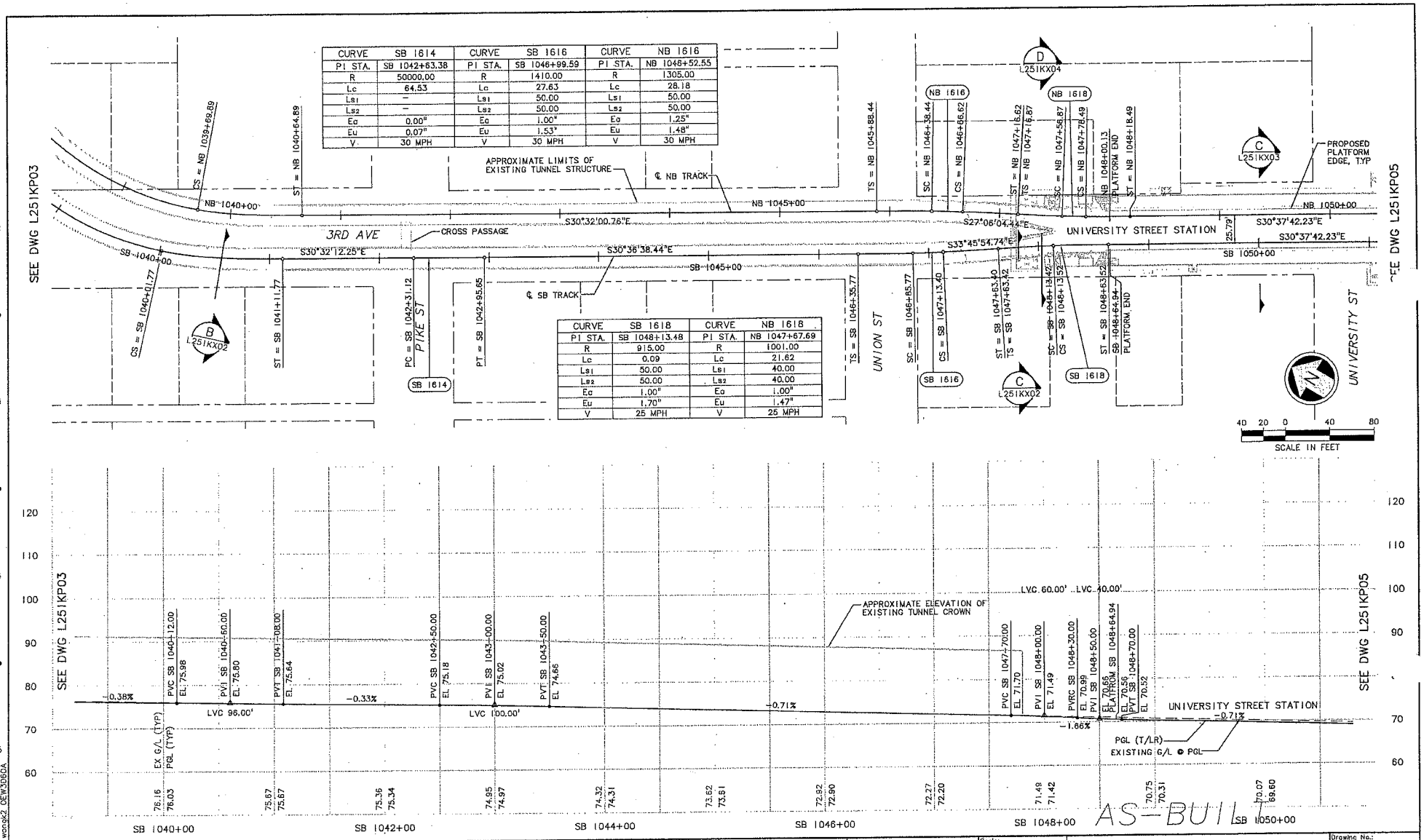
CITY CLERK FILE



CURVE	SB 1614
PI STA.	SB 1042+63.38
R	50000.00
Lc	64.53
Ls1	–
Ls2	–
Ec	0.00"
Eu	0.07"
V	30 MPH

CURVE	SB 1616
PI STA.	SB 1046+99.59
R	1410.00
Lc	27.63
Ls1	50.00
Ls2	50.00
Ec	1.00"
Eu	1.53"
V	30 MPH

CURVE	NB 1616
PI STA.	NB 1048+52.55
R	1305.00
Lc	28.18
Ls1	50.00
Ls2	50.00
Ec	1.25"
Eu	1.48"
V	30 MPH

CURVE	SB 1618
PI STA.	SB 1048+13.48
R	915.00
Lc	0.09
Ls1	50.00
Ls2	50.00
Ec	1.00"
Eu	1.70"
V	25 MPH

CURVE	NB 1618
PI STA.	NB 1047+67.69
R	1001.00
Lc	21.62
Ls1	40.00
Ls2	40.00
Ec	1.00"
Eu	1.47"
V	25 MPH

No.	Date	Dsn.	Chk.	App.	Revisions
A	02/29/08	KTW	JLB		AS-BUILT
0	08/25/04				ISSUED FOR CONSTRUCTION

City of Seattle

Work Order No.: Approved:
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Designed By: J. BAILEY
Drawn By: K. WONG
Checked By: M. COLYN
Approved By: I. GUSTETCH

PSTC
Submitted: J. HARRISON Date: 08/25/04

SOUNDTRANSIT
Approved: S. KIRBY Date: 08/25/04

Scale: H: 1"=40'; V: 1"=10'
Filename: C00_L25IKP04.dwg
Contract No.: C 510
Date: 02/24/04

LINK LIGHT RAIL PROJECT
CENTRAL CORRIDOR
TRACK PLAN & SB PROFILE
STA SB 1039+50 TO STA SB 1050+50

Drawing No.: L25IKP04
Vault Plan No.: 231-510
Sheet No.: 44 Rev.: A

34325 VAULT SERIAL NO. | DATE | MARK | NATURE OF REVISIONS | MADE/CHK'D | REV'D

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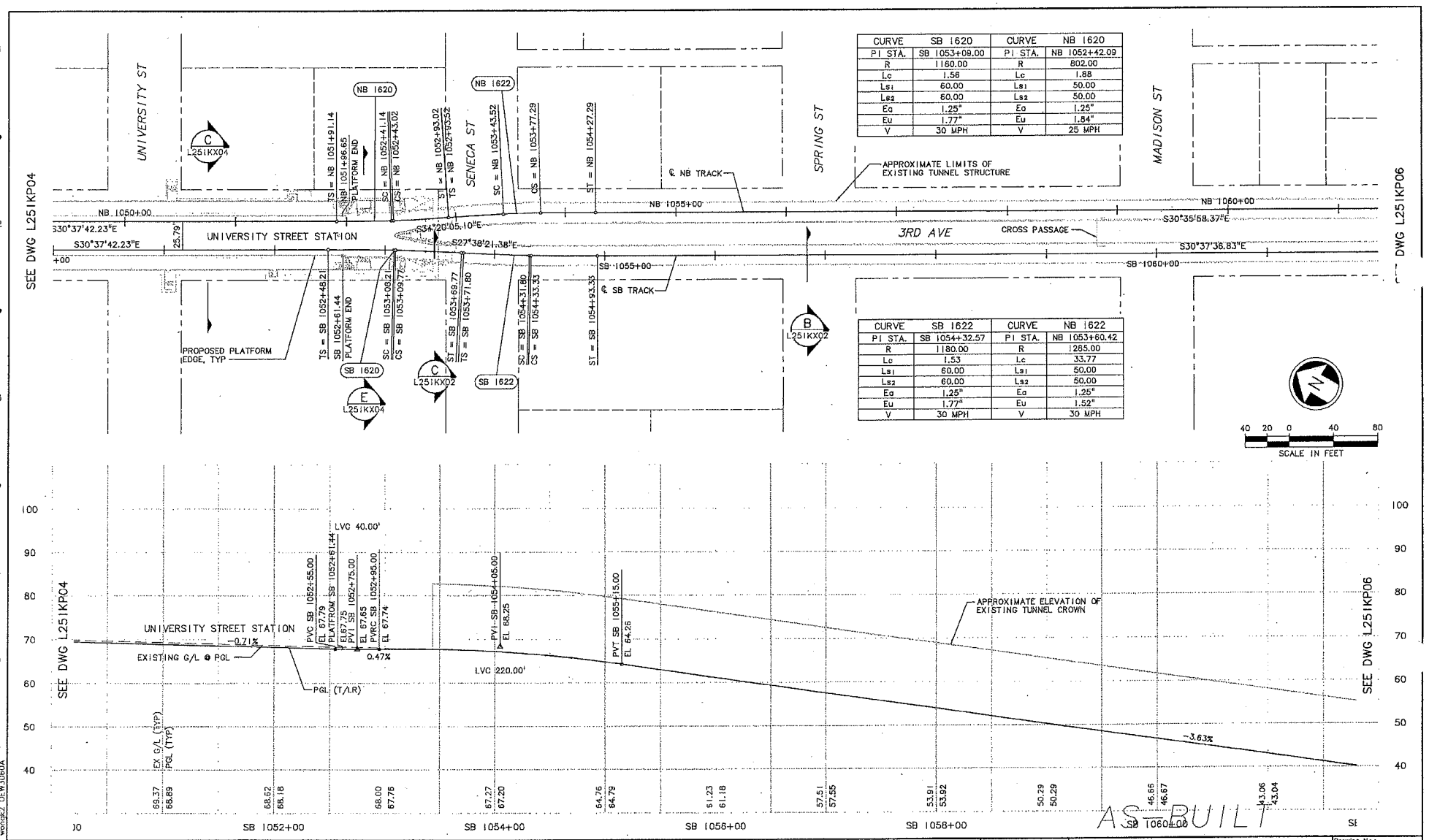

CURVE	SB 1620	CURVE	NB 1620
PI STA.	SB 1053+09.00	PI STA.	NB 1052+42.09
R	1180.00	R	802.00
Lc	1.56	Lc	1.88
Ls1	60.00	Ls1	50.00
Ls2	60.00	Ls2	50.00
Ea	1.25"	Ea	1.25"
Eu	1.77"	Eu	1.84"
V	30 MPH	V	25 MPH

CURVE	SB 1622	CURVE	NB 1622
PI STA.	SB 1054+32.57	PI STA.	NB 1053+60.42
R	1180.00	R	1285.00
Lc	1.53	Lc	33.77
Ls1	60.00	Ls1	50.00
Ls2	60.00	Ls2	50.00
Ea	1.25"	Ea	1.25"
Eu	1.77"	Eu	1.52"
V	30 MPH	V	30 MPH

No.	Date	Dsn.	Chk.	App.	Revisions
A	02/29/08	KTW	JLB		AS-BUILT
0	06/25/04				ISSUED FOR CONSTRUCTION

City of Seattle

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Designed By: J. BAILEY
Drawn By: K. WONG
Checked By: M. COLYN
Approved By: I. GUSTETICH

PSTC
Submitted: J. HARRISON Date: 06/25/04

SOUNDTRANSIT
Approved: S. KIRBY Date: 06/25/04

Scale: H: 1"=40'; V: 1"=10'
Filename: C00_L251KP05.dwg
Contract No.: C 510
Date: 02/24/04

LINK LIGHT RAIL PROJECT
CENTRAL CORRIDOR
TRACK PLAN & SB PROFILE
STA SB 1050+50 TO STA SB 1061+50

Drawing No.: L251KP05
Vault Plan No. 231-510
Sheet No.: 45 Rev.: A

34325 VAULT SERIAL NO. DATE MARK NATURE REVISIONS MADE CHK'D REV'D

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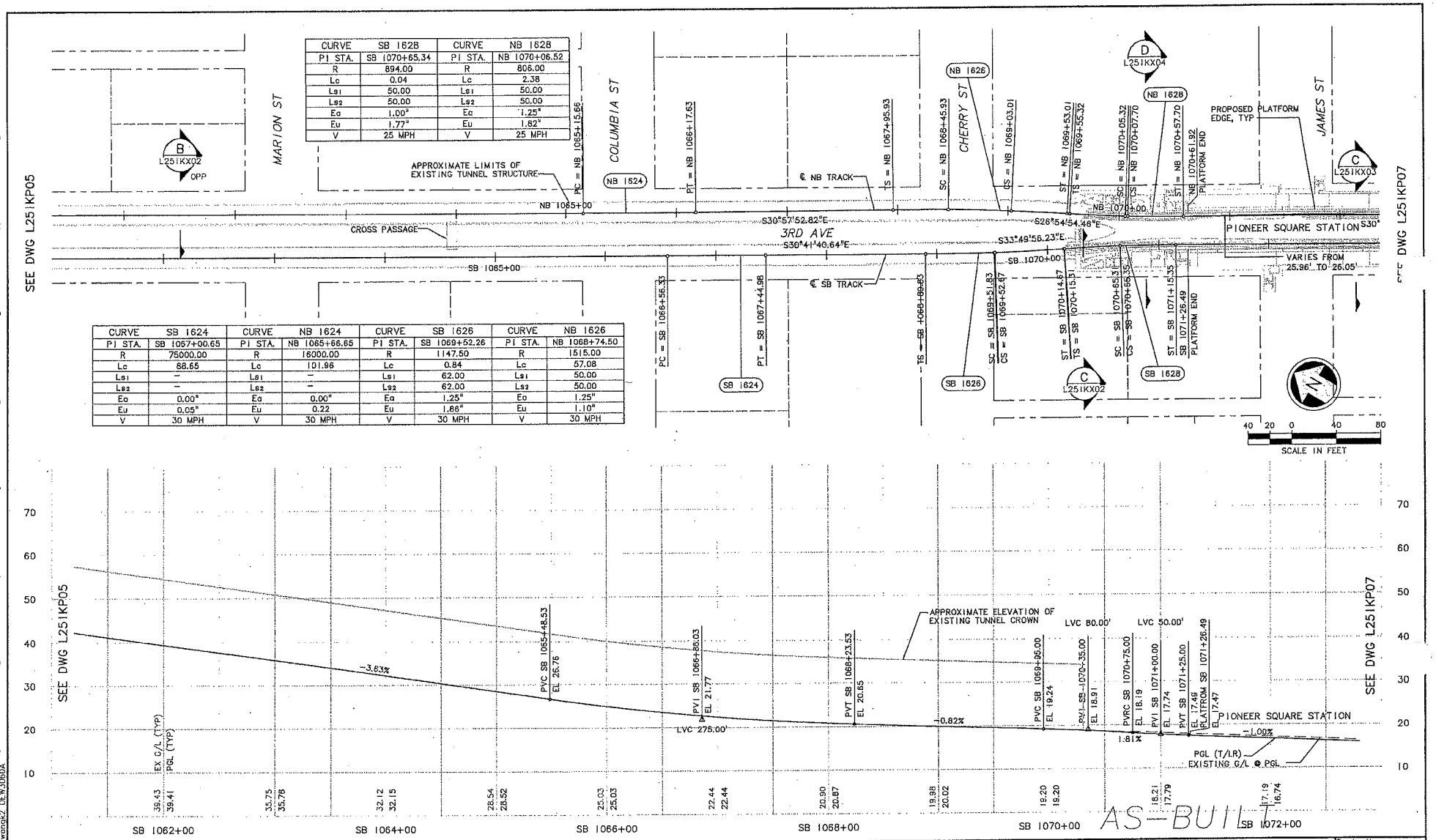

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PI STA.	SB 1070+65.34	PI STA.	NB 1070+06.52
R	894.00	R	806.00
Lc	0.04	Lc	2.38
Ls1	50.00	Ls1	50.00
Ls2	50.00	Ls2	50.00
Ea	1.00"	Ea	1.25"
Eu	1.77"	Eu	1.82"
V	25 MPH	V	25 MPH

CURVE	SB 1624	CURVE	NB 1624	CURVE	SB 1626	CURVE	NB 1626
PI STA.	SB 1057+00.65	PI STA.	NB 1065+66.85	PI STA.	SB 1069+52.26	PI STA.	NB 1068+74.50
R	75000.00	R	16000.00	R	1147.50	R	1515.00
Lc	88.55	Lc	101.96	Lc	0.84	Lc	57.08
Ls1	–	Ls1	–	Ls1	62.00	Ls1	50.00
Ls2	–	Ls2	–	Ls2	62.00	Ls2	50.00
Ea	0.00"	Ea	0.00"	Ea	1.25"	Ea	1.25"
Eu	0.05"	Eu	0.22	Eu	1.86"	Eu	1.10"
V	30 MPH	V	30 MPH	V	30 MPH	V	30 MPH

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A	02/29/08	KTW	JLB		AS-BUILT
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Checked By: M. COLYN
Approved By: I. GUSTETICH

PSTC
Submitted: J. HARRISON Date: 06/25/04

SOUNDTRANSIT
Approved: S. KIRBY Date: 06/25/04

Scale: H: 1"=40'; V: 1"=10'
Filename: C00_L25IKP06.dwg
Contract No.: C 510
Date: 02/24/04

LINK LIGHT RAIL PROJECT
CENTRAL CORRIDOR
TRACK PLAN & SB PROFILE
STA SB 1061+50 TO STA SB 1072+50

Drawing No.: L25IKP06
Vault Plan No.: 231-510
Sheet No.: 46 Rev.: A

34325 VAULT SERIAL NO.

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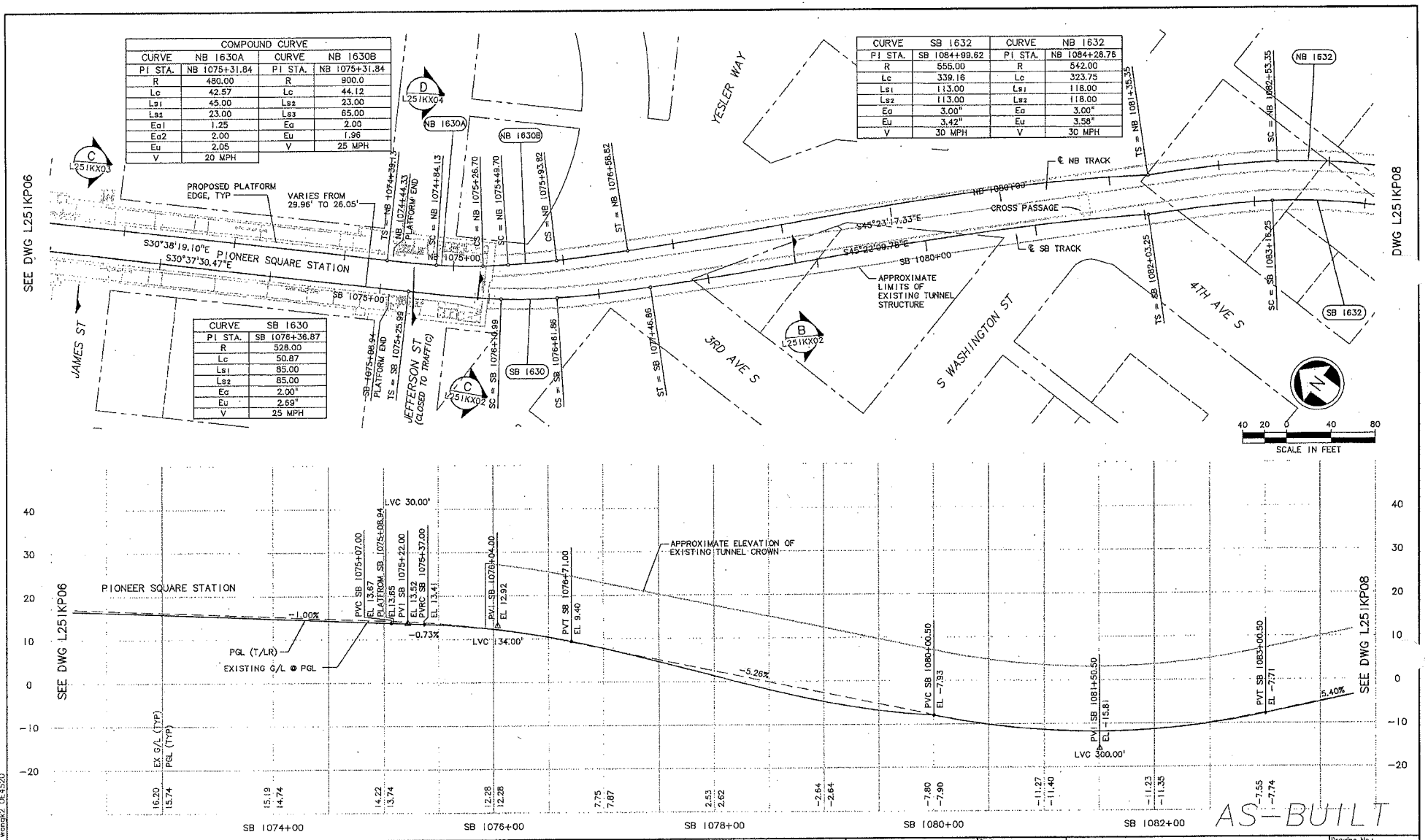

No.	Date	Dsn.	Chk.	App.	Revisions
A	02/29/08	BP	JLB		AS-BUILT
1	08/08/05	JLB	MG	MG	FC 011
0	06/25/04				ISSUED FOR CONSTRUCTION

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SDOT:

Designed By: J. BAILEY
Drawn By: K. WONG
Checked By: M. COLYN
Approved By: I. GUSTETICH

PSTC
Submitted: J. HARRISON Date: 06/25/04

SOUNDTRANSIT
Approved: S. KIRBY Date: 06/25/04
Date: 02/24/04

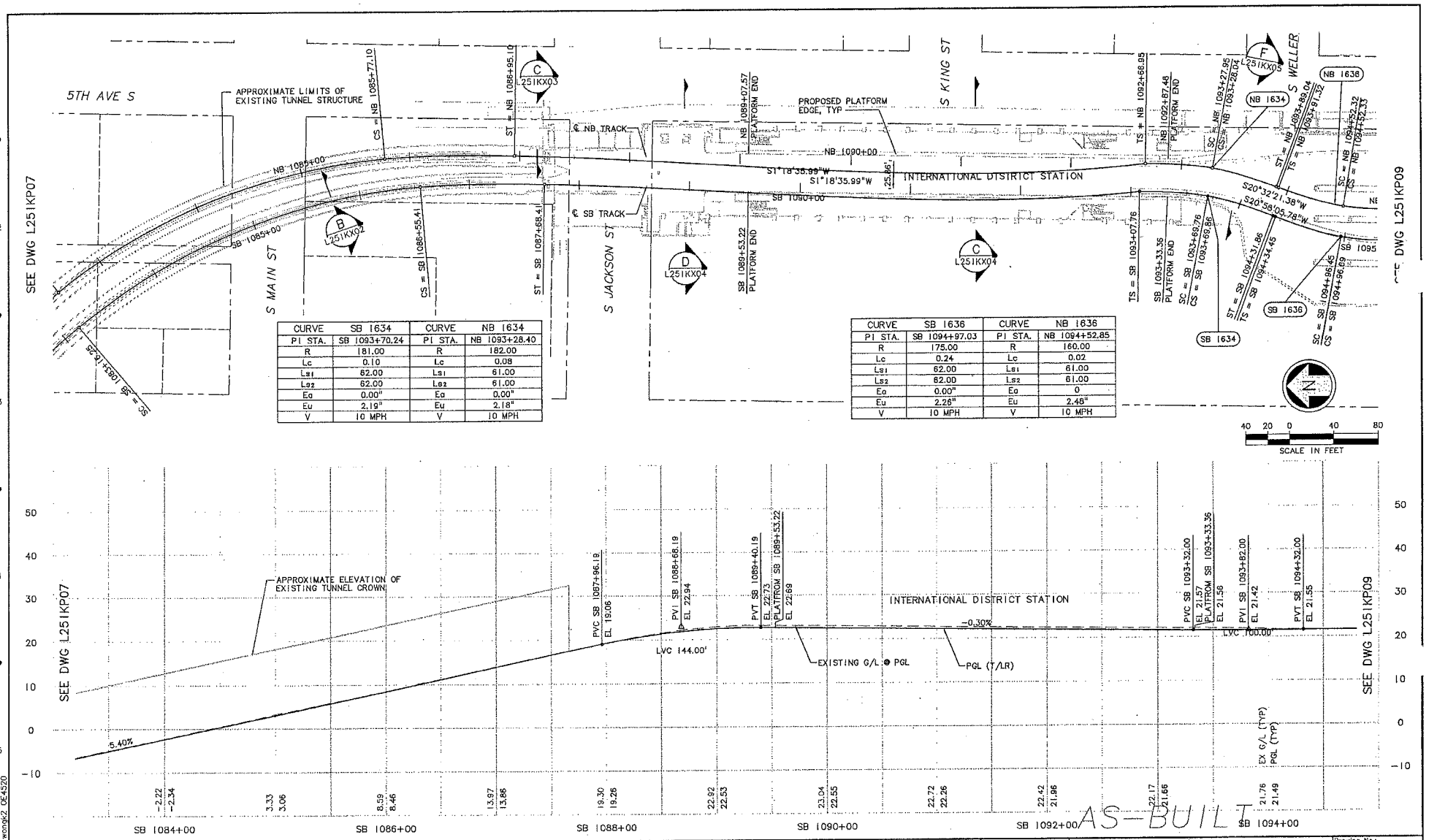
Scale: H: 1"=40'; V: 1"=10'
Filename: C00_L25IKP07.dwg
Contract No.: C 510

LINK LIGHT RAIL PROJECT
CENTRAL CORRIDOR
TRACK PLAN & SB PROFILE
STA SB 1072+50 TO STA SB 1083+50

Drawing No.: L25IKP07
Vault Plan No.: 231-510
Sheet No.: 47 Rev.: A

34325 VAULT SERIAL NO.

H:\work\C00_L25IKP07.dwg 03/13/08 10:06 : wongk2 OE4520



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R	181.00	R	182.00
Lc	0.10	Lc	0.08
Ls1	62.00	Ls1	61.00
Ls2	62.00	Ls2	61.00
Eq	0.00"	Eq	0.00"
Eu	2.19"	Eu	2.18"
V	10 MPH	V	10 MPH

CURVE	SB 1636	CURVE	NB 1636
PI STA.	SB 1094+97.03	PI STA.	NB 1094+52.85
R	175.00	R	160.00
Lc	0.24	Lc	0.02
Ls1	62.00	Ls1	61.00
Ls2	62.00	Ls2	61.00
Eq	0.00"	Eq	0
Eu	2.26"	Eu	2.48"
V	10 MPH	V	10 MPH

No.	Date	Dsn.	Chk.	App.	Revisions
A	02/29/08	BP	JLB		AS-BUILT
I	08/08/05	JLB	MG	MG	FC 011
0	06/25/04				ISSUED FOR CONSTRUCTION

City of Seattle

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Approved By:	I. GUSTETICH

PSTC

Submitted: J. HARRISON Date: 06/25/04

SOUNDTRANSIT

Approved: S. KIRBY Date: 06/25/04

Scale:	H: 1"=40'; V: 1"=10'
Filename:	C00_L251KP08.dwg
Contract No.:	C 510
Date:	02/24/04

LINK LIGHT RAIL PROJECT
CENTRAL CORRIDOR

TRACK PLAN & SB PROFILE

STA SB 1083+50 TO STA SB 1094+50

Drawing No.:	L251KP08
Vault Plan No.	231-510
Sheet No.:	48
Rev.:	A

34325 VAULT SERIAL NO.

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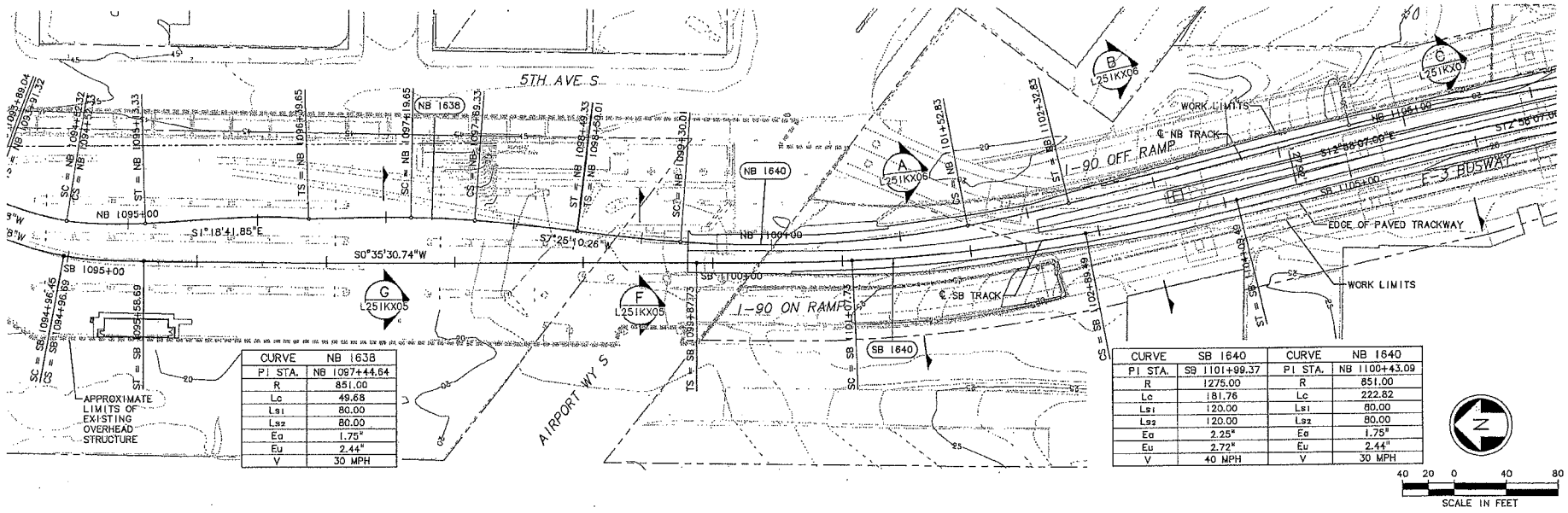
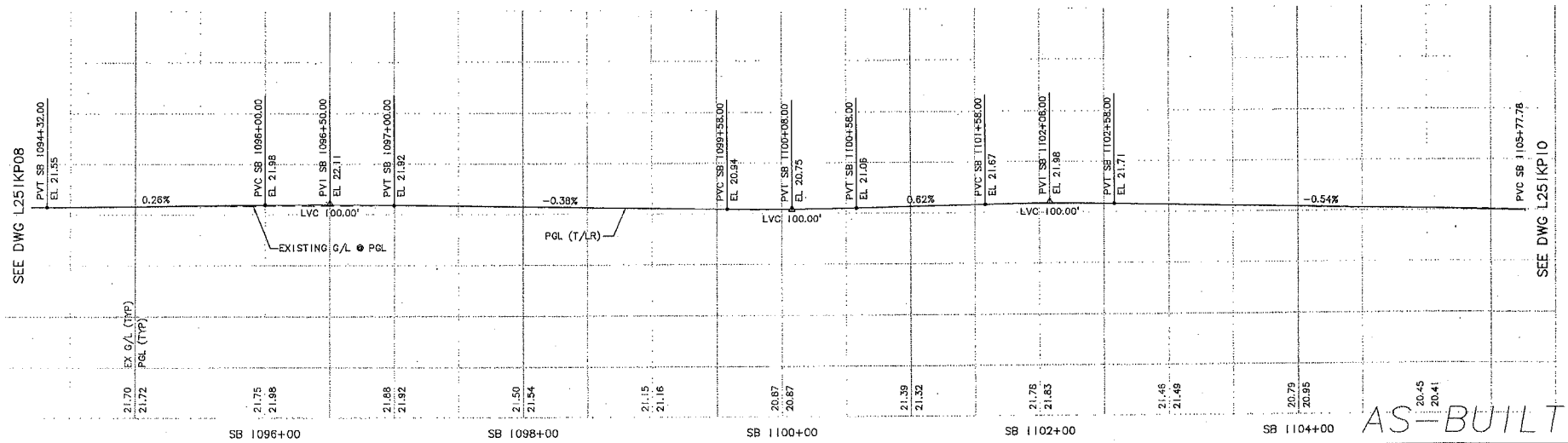


CURVE	NB 1638
PI STA.	NB 1097+44.64
R	851.00
Lc	49.68
Ls1	80.00
Ls2	80.00
Eq	1.75"
Eu	2.44"
V	30 MPH

CURVE	SB 1640	CURVE	NB 1640
PI STA.	SB 1101+99.37	PI STA.	NB 1100+43.09
R	1275.00	R	851.00
Lc	181.76	Lc	222.82
Ls1	120.00	Ls1	80.00
Ls2	120.00	Ls2	80.00
Eq	2.25"	Eq	1.75"
Eu	2.72"	Eu	2.44"
V	40 MPH	V	30 MPH



No.	Date	Dsn.	Chk.	App.	Revisions
A	02/29/08	BP	JLB		AS-BUILT
					FC #011, 013
0	06/25/04				ISSUED FOR CONSTRUCTION

City of Seattle
Work Order No.
Permit No. Y4495
SDOT:
Approved:
Inspector's Book:
Received:
Revised As Built:

Designed By: J. BAILEY
Drawn By: K. WONG
Checked By: M. COLYN
Approved By: I. GUSTETICH

PSTC
Submitted: J. HARRISON Date: 06/25/04

SOUNDTRANSIT
Approved: S. KIRBY Date: 06/25/04

Scale: H: 1"=40'; V: 1"=10'
Filename: C00_L25IKP09.dwg
Contract No.: C 510
Date: 02/24/04

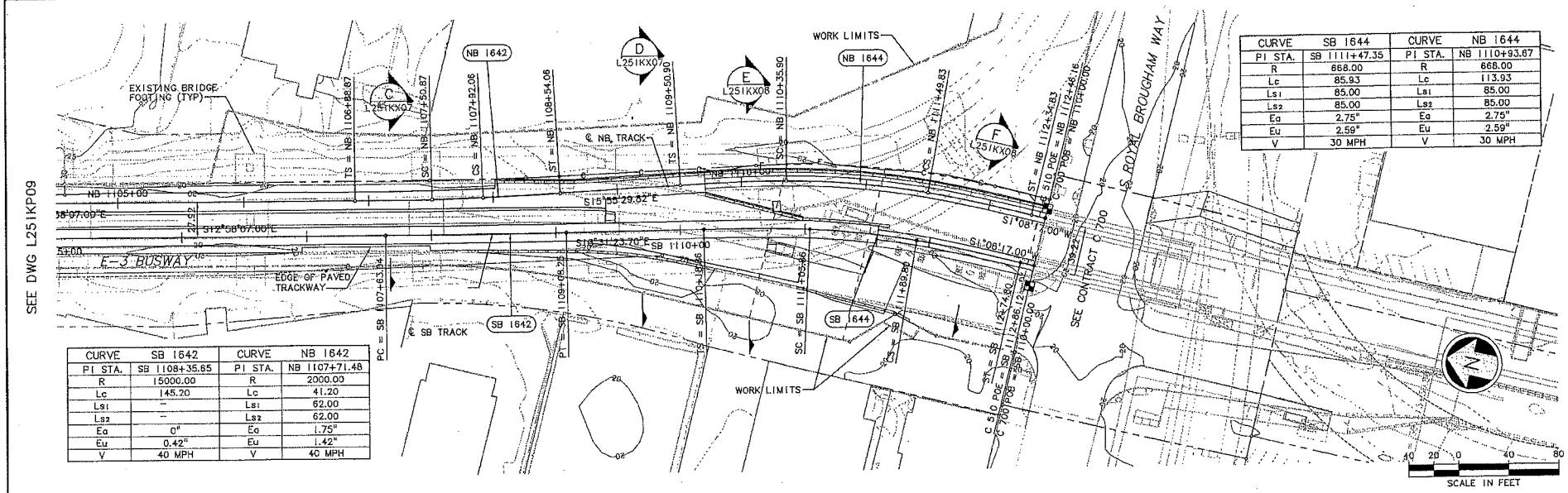
LINK LIGHT RAIL PROJECT
CENTRAL CORRIDOR
TRACK PLAN & SB PROFILE
STA SB 1094+50 TO STA SB 1105+50

Drawing No.: L25IKP09
Vault Plan No.: 231-510
Sheet No.: 49 Rev.: A

34325 VAULT SERIAL NO. | DATE | MARK | NATURE OF REVISIONS | MADE CHK'D REV'D

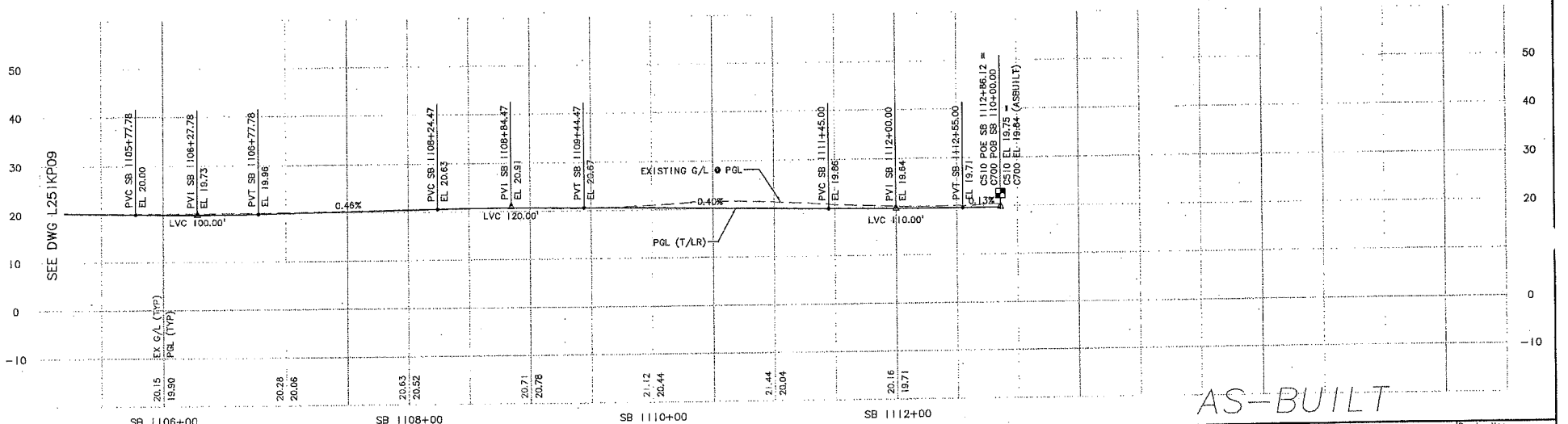
XREF'S
Resolved
2C-02002G
C00_L25ICA
C00_L25IC2
C00_L25IKA
C00_L25IKP
X093GN
X093RX
X093SF
X093CN
X093HX
X093SF
2C-2234SEA
Unresolved
LTSCALE

H:\work\C00_L25IKP09.dwg
03/13/08 10:07 : wongk2 DE4520



CURVE	SB 1642	CURVE	NB 1642
PI STA.	SB 1108+35.65	PI STA.	NB 1107+71.48
R	15000.00	R	2000.00
Lc	145.20	Lc	41.20
Ls1	–	Ls1	62.00
Ls2	–	Ls2	62.00
Ea	0"	Ea	1.75"
Eu	0.42"	Eu	1.42"
V	40 MPH	V	40 MPH

CURVE	SB 1644	CURVE	NB 1644
PI STA.	SB 1111+47.35	PI STA.	NB 1110+93.67
R	668.00	R	668.00
Lc	85.93	Lc	113.93
Ls1	85.00	Ls1	85.00
Ls2	85.00	Ls2	85.00
Ea	2.75"	Ea	2.75"
Eu	2.59"	Eu	2.59"
V	30 MPH	V	30 MPH



AS-BUILT

No.	Date	Dsn.	Chk.	App.	Revisions
A	02/29/08	BP	JLB		AS-BUILT
1	10/12/05	JLB	MG	MG	FC 013
0	06/25/04				ISSUED FOR CONSTRUCTION

City of Seattle

Work Order No.
Permit No. Y4495
Approved:
Inspector's Book:
Received:
Revised As Built:
SDOT:

Designed By: J. BAILEY
Drawn By: K. WONG
Checked By: M. COLYN
Approved By: I. GUSTETICH

PSTC
Submitted: J. HARRISON Date: 06/25/04

SOUNDTRANSIT
Approved: S. KIRBY Date: 06/25/04

Scale: H: 1"=40'; V: 1"=10'
Filename: C00_L251KP10.dwg
Contract No.: C 510
Date: 02/24/04

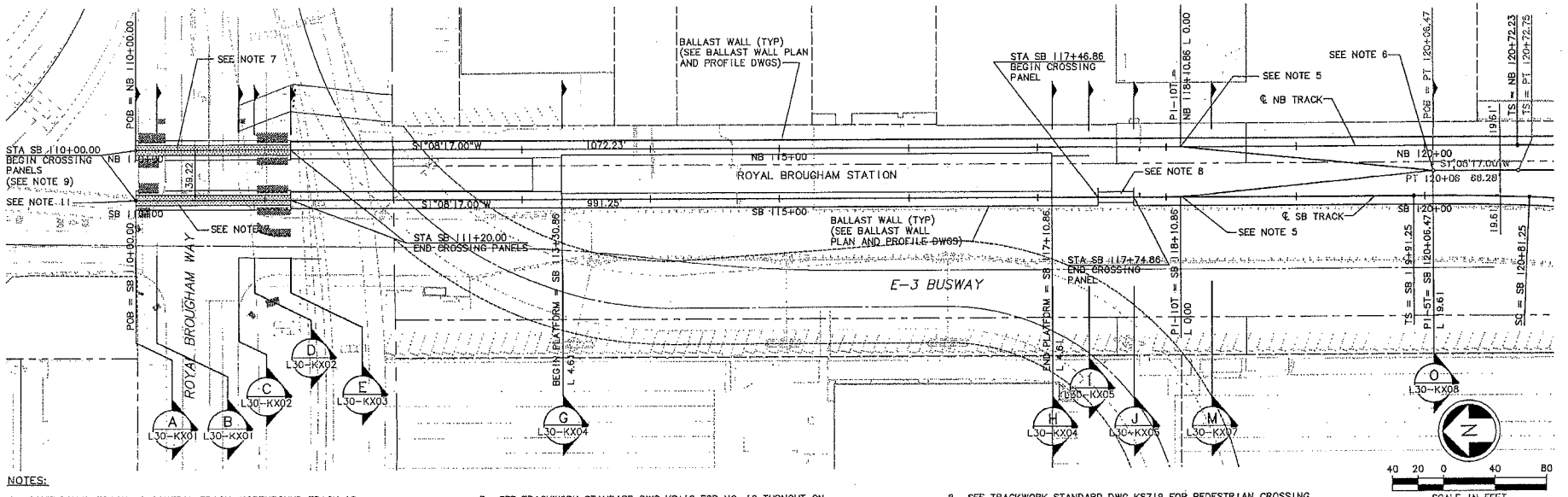
LINK LIGHT RAIL PROJECT
CENTRAL CORRIDOR
TRACK PLAN & SB PROFILE
STA SB 1105+50 TO STA SB 1112+86.12

Drawing No.: L251KP10
Vault Plan No. 231-510
Sheet No.: 50 Rev.: A

34325 VAULT SERIAL NO. DATE MARK NATURE REVISIONS MADE CHK'D REV'D

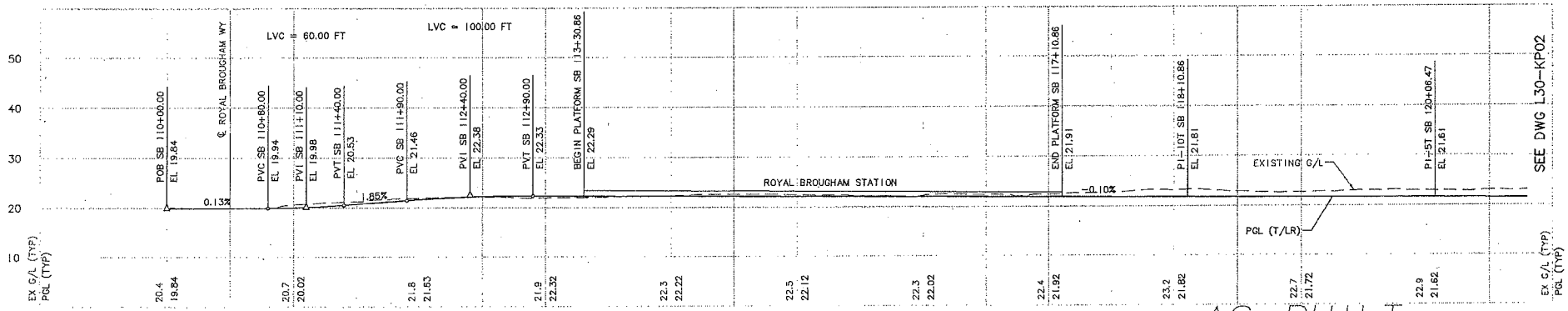
H:\work\C00_L251KP10.dwg 03/13/08 10:07 : wongk2 OE4520

CITY CLERK



NOTES:

1. SOUTHBOUND TRACK IS CONTROL TRACK. NORTHBOUND TRACK IS NON-CONTROL TRACK AND TOP OF RAIL SHALL EQUAL CONTROL TRACK TOP OF RAIL, UNLESS OTHERWISE NOTED. YARD LEAD AND POCKET TRACK PROFILES ARE INDEPENDENT OF CONTROL TRACK. SEE GENERAL NOTES ON DWG G30-CZ02.
2. SEE DWG L30-KA01 FOR ADDITIONAL ALIGNMENT DATA.
3. SEE TRACK CHART SERIES L30-KCXX FOR ADDITIONAL TRACKWORK DETAILS.
4. SEE DWG L30-KP21 FOR POCKET TRACK PLAN AND PROFILE.
5. SEE TRACKWORK STANDARD DWG KS110 FOR NO. 10 TURNOUT ON BALLASTED TRACK DETAILS.
6. SEE STANDARD DWG KS114 FOR NO. 5 EQUILATERAL TURNOUT ON BALLASTED TRACK DETAILS.
7. SEE TRACKWORK STANDARD DWGS KS704 AND KS705 FOR AT-GRADE ROAD CROSSING PANEL DETAILS. CROSSING PANELS TO BE CONSTRUCTED WITHOUT THE UNDERDRAINS SHOWN IN STANDARD DRAWINGS KS704 AND KS705. SEE DWG SERIES L30-USXX FOR UNDERDRAIN LOCATIONS.
8. SEE TRACKWORK STANDARD DWG KS719 FOR PEDESTRIAN CROSSING PANEL DETAILS.
9. RAILS TO BE EXTENDED 5' BEYOND CROSSING PANELS. SEE DETAIL DWG L30-KD03.
10. SEE DWG R05-CP01 FOR SECTION CUTS NORTH OF ROYAL BROUGHAM WAY.
11. SEE DWG R05-CP01 FOR ALIGNMENT DATA FOR FUTURE C500 SOUTH BOUND TRACK.



AS-BUILT

No.	Date	Dsn.	Chk.	App.	Revisions
A	10/30/09	BP	JLB		AS-BUILT
0	07/31/03				ISSUED FOR CONSTRUCTION

City of Seattle
Work Order No.
Permit No. Y1430
Approved:
Inspector's Book:
Received:
Revised As Built:
SDOT:

Designed By: K. LAUZEN
Drawn By: T. KABOCHO
Checked By: C. TORRES
Approved By: N. MITCHELL

HUITT-ZOLLARS
Submitted: N. MITCHELL Date: 07/31/03

SOUNDTRANSIT
Approved: K. NG Date: 07/31/03

Scale: H: 1"=40'; V: 1"=10'
Filename: C05_L30_KP01.DWG
Contract No.: C 700
Date: 04/01/02

LINK LIGHT RAIL PROJECT
SOUTH CORRIDOR

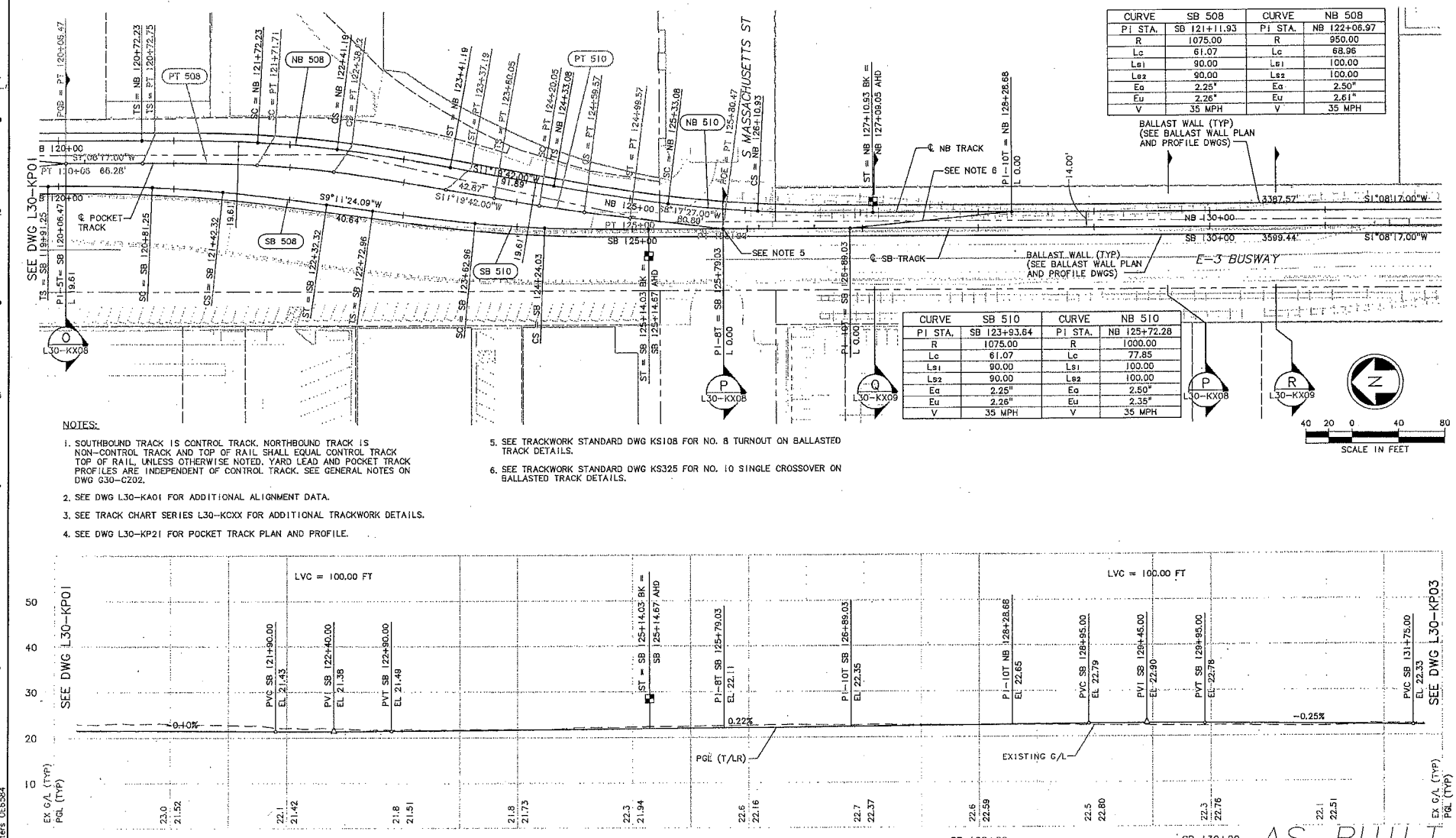
TRACK PLAN & PROFILE

STA SB 110+00 TO STA SB 120+50

Drawing No.: L30-KP01
Vault Plan No.: 231-700
Sheet No.: 51
Rev.: A

34205 VAULT SERIAL NO.

c:\work\db\c700\c700_asbuilt_dwg\C05_L30_KP01.DWG
10/29/09 14:17 - porters DES584



CURVE	SB 508	CURVE	NB 508
PI STA.	SB 121+11.93	PI STA.	NB 122+06.97
R	1075.00	R	950.00
Lc	61.07	Lc	68.96
Ls1	90.00	Ls1	100.00
Ls2	90.00	Ls2	100.00
Ea	2.25"	Ea	2.50"
Eu	2.26"	Eu	2.61"
V	35 MPH	V	35 MPH

CURVE	SB 510	CURVE	NB 510
PI STA.	SB 123+93.64	PI STA.	NB 125+72.28
R	1075.00	R	1000.00
Lc	61.07	Lc	77.85
Ls1	90.00	Ls1	100.00
Ls2	90.00	Ls2	100.00
Ea	2.25"	Ea	2.50"
Eu	2.26"	Eu	2.35"
V	35 MPH	V	35 MPH

NOTES:

1. SOUTHBOUND TRACK IS CONTROL TRACK. NORTHBOUND TRACK IS NON-CONTROL TRACK AND TOP OF RAIL SHALL EQUAL CONTROL TRACK TOP OF RAIL, UNLESS OTHERWISE NOTED. YARD LEAD AND POCKET TRACK PROFILES ARE INDEPENDENT OF CONTROL TRACK. SEE GENERAL NOTES ON DWG G30-CZ02.
2. SEE DWG L30-KA01 FOR ADDITIONAL ALIGNMENT DATA.
3. SEE TRACK CHART SERIES L30-KCXX FOR ADDITIONAL TRACKWORK DETAILS.
4. SEE DWG L30-KP21 FOR POCKET TRACK PLAN AND PROFILE.
5. SEE TRACKWORK STANDARD DWG KS108 FOR NO. 8 TURNOUT ON BALLASTED TRACK DETAILS.
6. SEE TRACKWORK STANDARD DWG KS325 FOR NO. 10 SINGLE CROSSOVER ON BALLASTED TRACK DETAILS.

No.	Date	Dsn.	Chk.	App.	Revisions
A	10/30/09	BP	JLB		AS-BUILT
0	07/31/03				ISSUED FOR CONSTRUCTION

City of Seattle
Work Order No.
Permit No. Y1430
Approved:
Inspector's Book:
Received:
Revised As Built:
SDOT:

Designed By: K. LAUZEN
Drawn By: T. KABOCHO
Checked By: C. TORRES
Approved By: N. MITCHELL

HUITT-ZOLLARS
Submitted: N. MITCHELL Date: 07/31/03

SOUNDTRANSIT
Approved: K. NG Date: 07/31/03

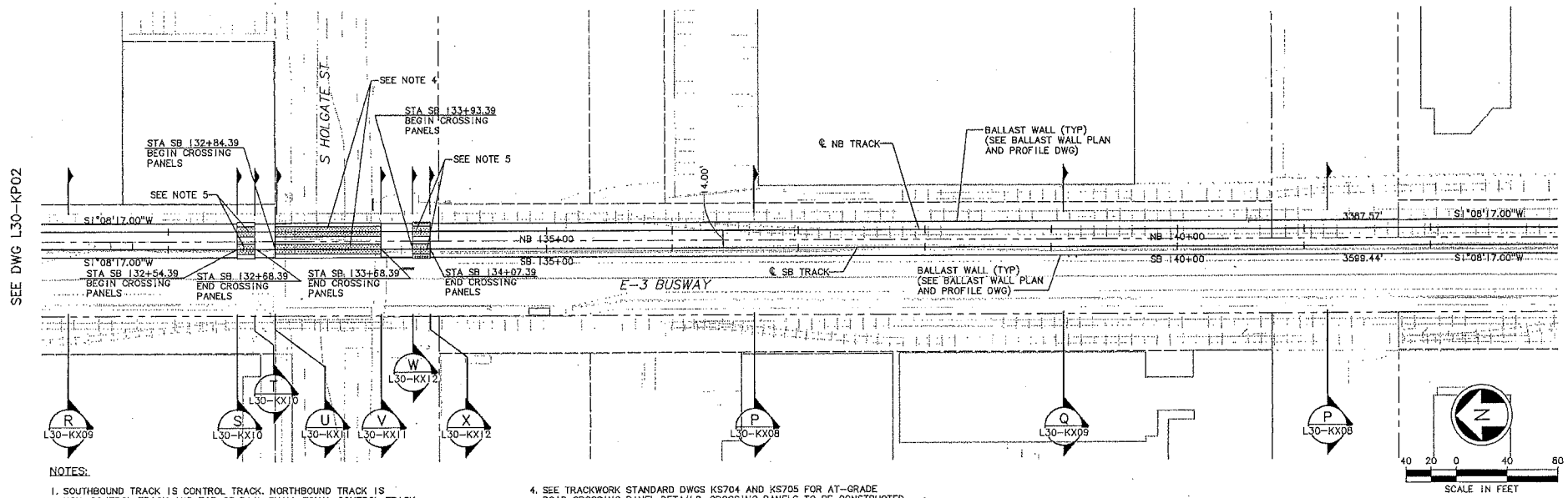
Scale: H: 1"=40'; V: 1"=10'
Filename: C05_L30_KP02.DWG
Contract No.: C 700
Date: 04/01/02

LINK LIGHT RAIL PROJECT
SOUTH CORRIDOR
TRACK PLAN & PROFILE
STA SB 120+50 TO STA SB 131+50

Drawing No.: L30-KP02
Vault Plan No.: 231-700
Sheet No.: 52 Rev.: A

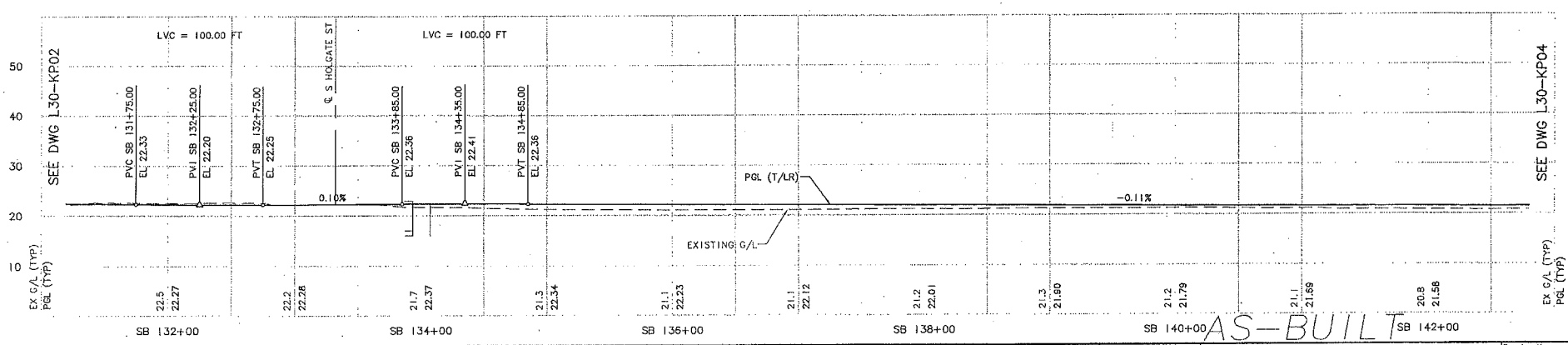
Vault Serial No.: 34205

c:\work\db\c700\c700_asbuilt_dwg\C05_L30_KP02.DWG
10/29/09 14:17 porter 065364



NOTES:

1. SOUTHBOUND TRACK IS CONTROL TRACK. NORTHBOUND TRACK IS NON-CONTROL TRACK AND TOP OF RAIL SHALL EQUAL CONTROL TRACK TOP OF RAIL, UNLESS OTHERWISE NOTED. YARD LEAD AND POCKET TRACK PROFILES ARE INDEPENDENT OF CONTROL TRACK. SEE GENERAL NOTES ON DWG G30-CZ02.
2. SEE DWG L30-KA01 FOR ADDITIONAL ALIGNMENT DATA.
3. SEE TRACK CHART SERIES L30-KCXX FOR ADDITIONAL TRACKWORK DETAILS.
4. SEE TRACKWORK STANDARD DWGS KS704 AND KS705 FOR AT-GRADE ROAD CROSSING PANEL DETAILS. CROSSING PANELS TO BE CONSTRUCTED WITHOUT THE UNDERDRAINS SHOWN IN STANDARD DRAWINGS KS704 AND KS705. SEE DWG SERIES L30-USXX FOR UNDERDRAIN LOCATIONS.
5. SEE TRACKWORK STANDARD DWG KS719 FOR PEDESTRIAN CROSSING PANEL DETAILS.



AS-BUILT

No.	Date	Dsn.	Chk.	App.	Revisions
A	10/30/09	BP	JLB		AS-BUILT
0	07/31/03				ISSUED FOR CONSTRUCTION

City of Seattle

Work Order No.
Permit No. Y1430
Approved:
Inspector's Book:
Received:
Revised As Built:
SDOT:

Designed By: K. LAUZEN
Drawn By: T. KABOCHO
Checked By: C. TORRES
Approved By: N. MITCHELL

HUITT-ZOLLARS

Submitted: N. MITCHELL Date: 07/31/03

SOUNDTRANSIT

Approved: K. NG Date: 07/31/03

Scale: H: 1"=40'; V: 1"=10'
Filename: C05_L30_KP03.DWG
Contract No.: C 700
Date: 04/01/02

LINK LIGHT RAIL PROJECT
SOUTH CORRIDOR

TRACK PLAN & PROFILE

STA SB 131+50 TO STA SB 142+50

Drawing No.: L30-KP03
Vault Plan No. 231-700
Sheet No.: 53 Rev.: A

34205

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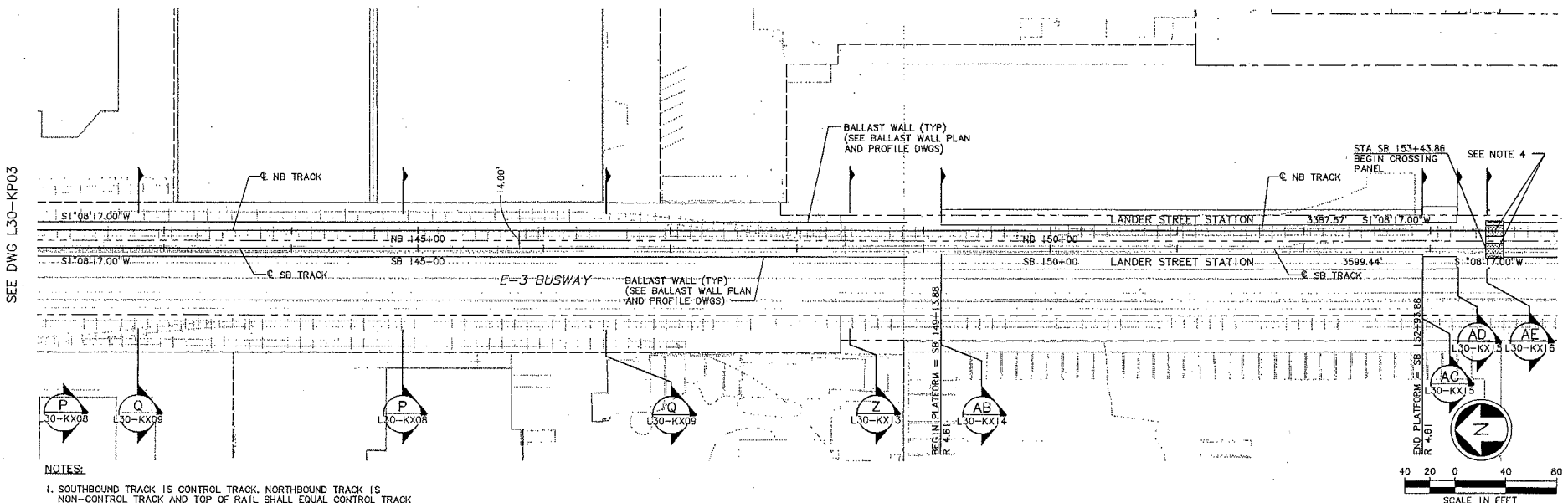
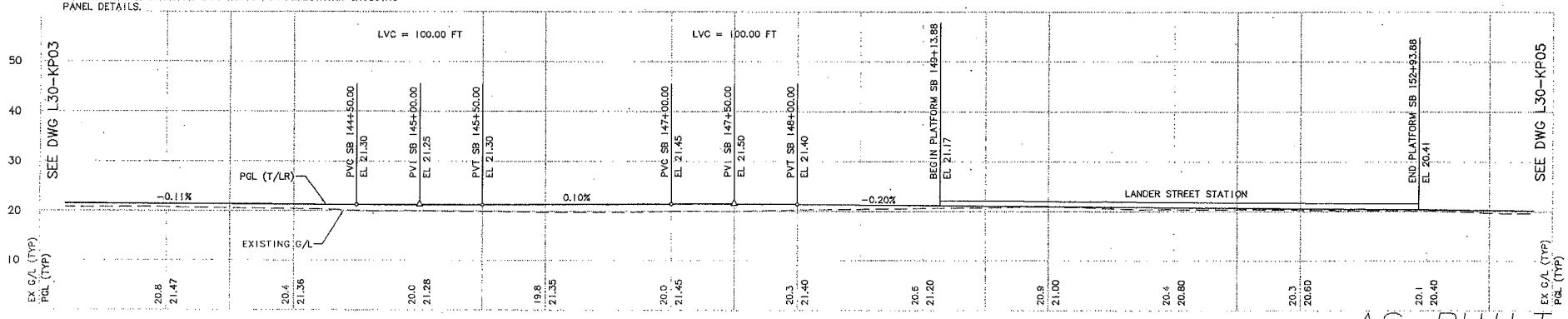
10/29/09 14:17 : porters OE6584

DOS CITY CLERK



NOTES:

1. SOUTHBOUND TRACK IS CONTROL TRACK. NORTHBOUND TRACK IS NON-CONTROL TRACK AND TOP OF RAIL SHALL EQUAL CONTROL TRACK TOP OF RAIL, UNLESS OTHERWISE NOTED. YARD LEAD AND POCKET TRACK PROFILES ARE INDEPENDENT OF CONTROL TRACK. SEE GENERAL NOTES ON DWG G30-CZ02.
2. SEE DWG L30-KA01 FOR ADDITIONAL ALIGNMENT DATA.
3. SEE TRACK CHART SERIES L30-KCXX FOR ADDITIONAL TRACKWORK DETAILS.
4. SEE TRACKWORK STANDARD DWG KS719 FOR PEDESTRIAN CROSSING PANEL DETAILS.



AS-BUILT

No.	Date	Dsn.	Chk.	App.	Revisions
A	10/30/09	BP	JLB		AS-BUILT
0	07/31/03				ISSUED FOR CONSTRUCTION

City of Seattle

Work Order No.
Permit No. Y1430
Approved:
Inspector's Book:
Received:
Revised As Built:
SDOT:

Designed By: K. LAUZEN
Drawn By: T. KABOCHO
Checked By: C. TORRES
Approved By: N. MITCHELL

HUITT-ZOLLARS

Submitted: N. MITCHELL Date: 07/31/03

SOUNDTRANSIT

Approved: K. NG Date: 07/31/03

Scale: H: 1"=40'; V: 1"=10'
Filename: C05_L30_KP04.DWG
Contract No.: C 700
Date: 04/01/02

LINK LIGHT RAIL PROJECT
SOUTH CORRIDOR

TRACK PLAN & PROFILE

STA SB 142+50 TO STA SB 153+50

Drawing No.: L30-KP04
Vault Plan No. 231-700
Sheet No.: 54 Rev.: A

34205

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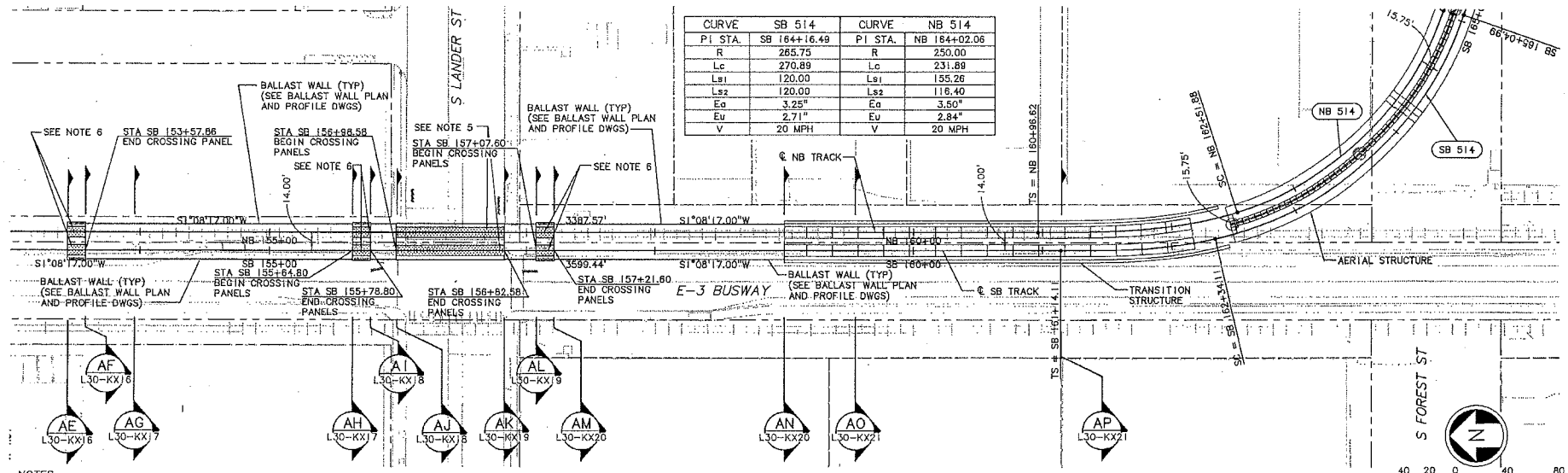
10/29/09 15:00 : porters OE6584

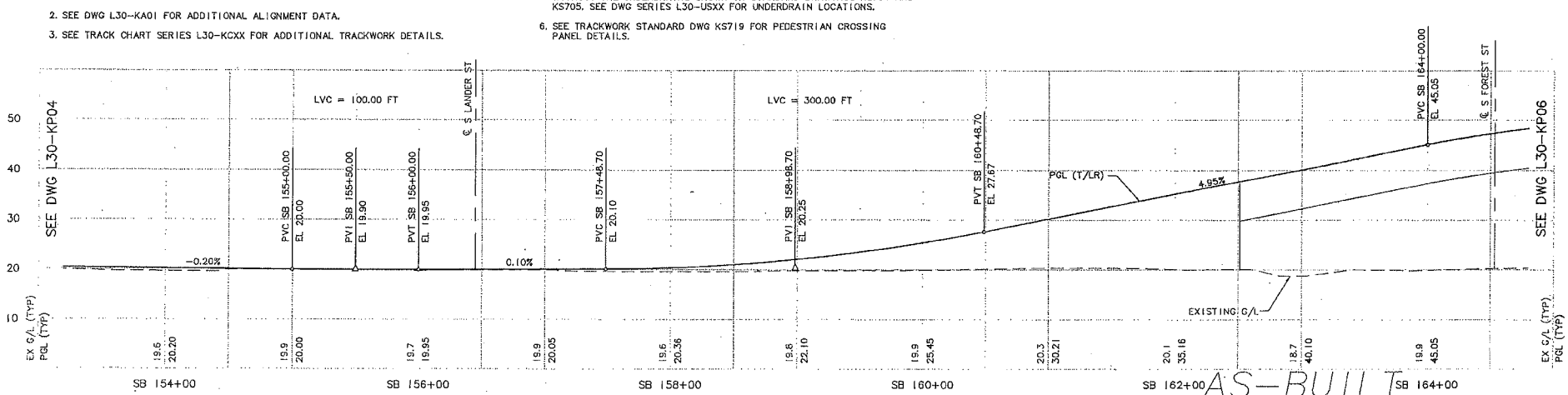
CITY CLERK

CURVE	SB 514	CURVE	NB 514
PI STA.	SB 164+16.49	PI STA.	NB 164+02.06
R	265.75	R	250.00
Lc	270.89	Lc	231.89
Ls1	120.00	Ls1	155.26
Ls2	120.00	Ls2	116.40
Ea	3.25"	Ea	3.50"
Eu	2.71"	Eu	2.84"
V	20 MPH	V	20 MPH



NOTES:

1. SOUTHBOUND TRACK IS CONTROL TRACK. NORTHBOUND TRACK IS NON-CONTROL TRACK AND TOP OF RAIL SHALL EQUAL CONTROL TRACK TOP OF RAIL, UNLESS OTHERWISE NOTED. YARD LEAD AND POCKET TRACK PROFILES ARE INDEPENDENT OF CONTROL TRACK. SEE GENERAL NOTES ON DWG G30-CZ02.
2. SEE DWG L30-KA01 FOR ADDITIONAL ALIGNMENT DATA.
3. SEE TRACK CHART SERIES L30-KCXX FOR ADDITIONAL TRACKWORK DETAILS.
4. FOR DF FASTENERS AND CONCRETE PLINTH LAYOUT, SEE PLAN SERIES L30-KLXX.
5. SEE TRACKWORK STANDARD DWGS KS704 AND KS705 FOR AT-GRADE ROAD CROSSING PANEL DETAILS. CROSSING PANELS TO BE CONSTRUCTED WITHOUT THE UNDERDRAINS SHOWN IN STANDARD DRAWINGS KS704 AND KS705. SEE DWG SERIES L30-USXX FOR UNDERDRAIN LOCATIONS.
6. SEE TRACKWORK STANDARD DWG KS719 FOR PEDESTRIAN CROSSING PANEL DETAILS.



No.	Date	Dsn.	Chk.	App.	Revisions
B	10/30/09	BP	JLB		AS-BUILT
A	06/17/05	TW	LG	IG	REVISED TOP OF RAIL PROFILE
0	07/31/03				ISSUED FOR CONSTRUCTION

City of Seattle

Work Order No.
Permit No. Y1430
Approved:
Inspector's Book:
Received:
Revised As Built:
SDOT:

Designed By: K. LAUZEN
Drawn By: T. KABOCHO
Checked By: C. TORRES
Approved By: N. MITCHELL

HUITT-ZOLLARS

SOUNDTRANSIT

Submitted: N. MITCHELL Date: 06/17/05
Approved: K. NG Date: 06/17/05

Scale: H: 1"=40'; V: 1"=10'
Filename: C05_L30_KP05.DWG
Contract No.: C 700
Date: 04/01/02

LINK LIGHT RAIL PROJECT
SOUTH CORRIDOR

TRACK PLAN & PROFILE

STA SB 153+50 TO STA SB 164+50

Drawing No.: L30-KP05
Vault Plan No. 231-700
Sheet No.: 55 Rev.: B

34205

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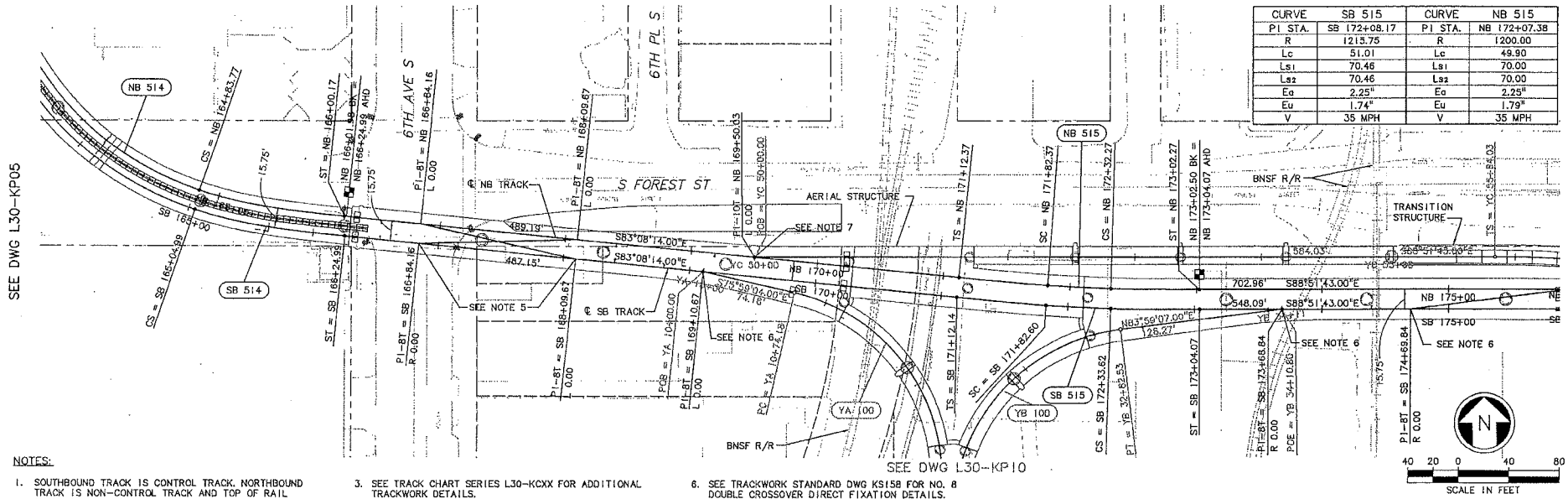
10/29/09 14:22 : porters CE6584

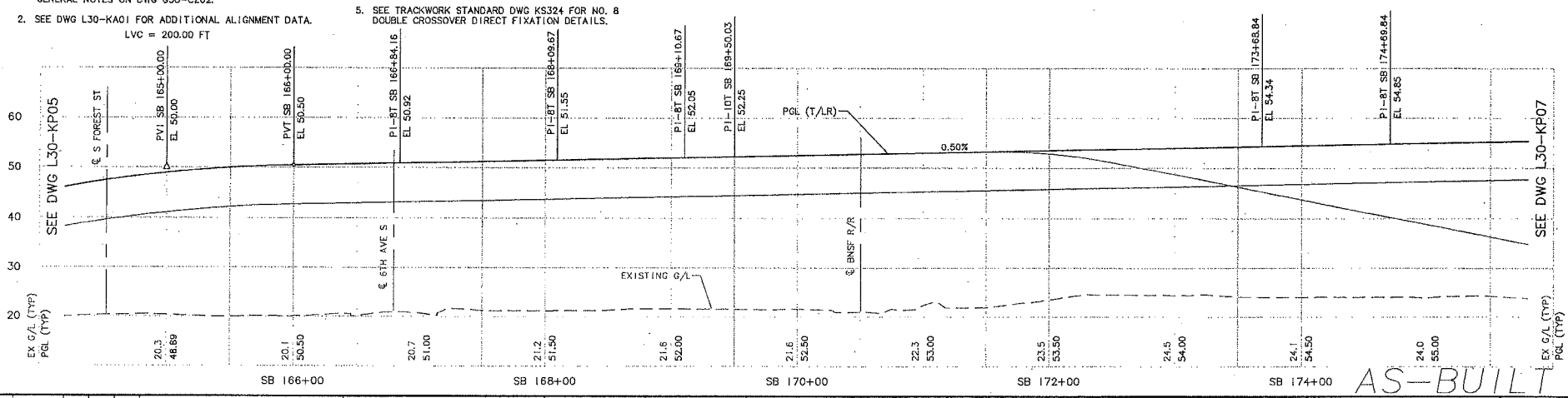
DOS CITY CLERK

CURVE	SB 515	CURVE	NB 515
PI STA.	SB 172+08.17	PI STA.	NB 172+07.38
R	1215.75	R	1200.00
Lc	51.01	Lc	49.90
Ls1	70.46	Ls1	70.00
Ls2	70.46	Ls2	70.00
Ea	2.25"	Ea	2.25"
Eu	1.74"	Eu	1.79"
V	35 MPH	V	35 MPH



NOTES:

1. SOUTHBOUND TRACK IS CONTROL TRACK. NORTHBOUND TRACK IS NON-CONTROL TRACK AND TOP OF RAIL SHALL EQUAL CONTROL TRACK TOP OF RAIL, UNLESS OTHERWISE NOTED. YARD LEAD AND POCKET TRACK PROFILES ARE INDEPENDENT OF CONTROL TRACK. SEE GENERAL NOTES ON DWG G30-CZ02.
2. SEE DWG L30-KA01 FOR ADDITIONAL ALIGNMENT DATA.
3. SEE TRACK CHART SERIES L30-KCXX FOR ADDITIONAL TRACKWORK DETAILS.
4. FOR DF FASTENERS AND CONCRETE PLINTH LAYOUT, SEE PLAN SERIES L30-KLXX.
5. SEE TRACKWORK STANDARD DWG KS324 FOR NO. 8 DOUBLE CROSSOVER DIRECT FIXATION DETAILS.
6. SEE TRACKWORK STANDARD DWG KS158 FOR NO. 8 DOUBLE CROSSOVER DIRECT FIXATION DETAILS.
7. SEE TRACKWORK STANDARD DWG KS161 FOR NO. 10 DOUBLE CROSSOVER DIRECT FIXATION DETAILS.



AS-BUILT

No.	Date	Dsn.	Chk.	App.	Revisions
B	10/30/09	BP	JLB		AS-BUILT
A	08/17/05	TW	LG	IG	REVISED TOP OF RAIL PROFILE
0	07/31/03				ISSUED FOR CONSTRUCTION

City of Seattle

Work Order No.
Permit No. Y1430
Approved:
Inspector's Book:
Received:
Revised As Built:
SDOT:

Designed By: K. LAUZEN
Drawn By: T. KABOCHO
Checked By: C. TORRES
Approved By: N. MITCHELL

HUITT-ZOLLARS

Submitted: N. MITCHELL Date: 06/17/05

SOUNDTRANSIT

Approved: K. NG Date: 06/17/05

Scale: H: 1"=40'; V: 1"=10'
Filename: C05_L30_KP06.DWG
Contract No.: C 700
Date: 04/01/02

LINK LIGHT RAIL PROJECT
SOUTH CORRIDOR

TRACK PLAN & PROFILE

STA SB 164+50 TO STA SB 175+50

Drawing No.: L30-KP06
Vault Plan No. 231-700
Sheet No.: 56 Rev.: B

34205

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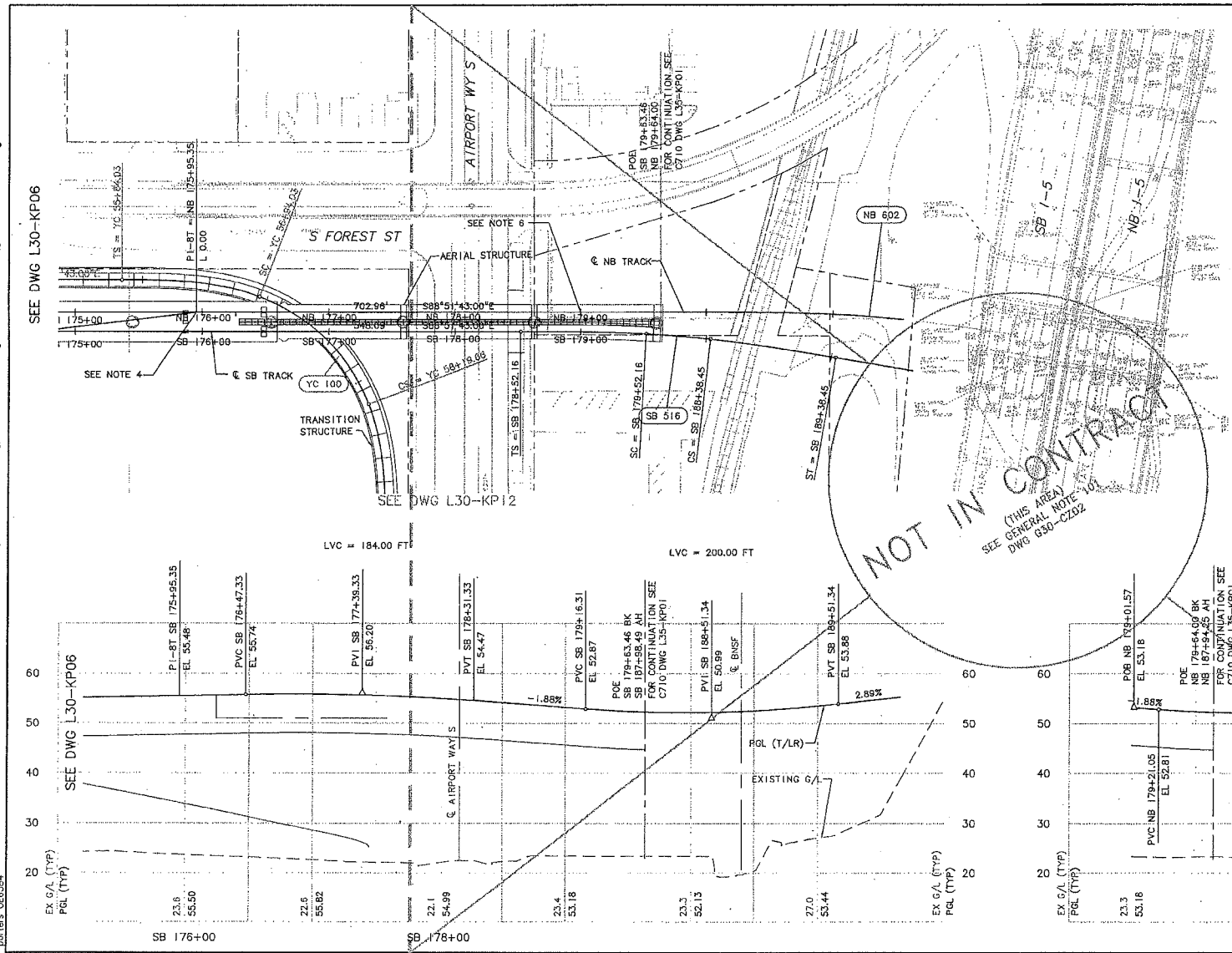
10/29/09 14:22 : porters 056584

CITY CLERK



NOTES:

1. SOUTHBOUND TRACK IS CONTROL TRACK. NORTHBOUND TRACK IS NON-CONTROL TRACK AND TOP OF RAIL SHALL EQUAL CONTROL TRACK TOP OF RAIL, UNLESS OTHERWISE NOTED. YARD LEAD AND POCKET TRACK PROFILES ARE INDEPENDENT OF CONTROL TRACK. SEE GENERAL NOTES ON DWG G30-CZ02.
2. SEE DWG L30-KA01 FOR ADDITIONAL ALIGNMENT DATA.
3. SEE TRACK CHART SERIES L30-KCXX FOR ADDITIONAL TRACKWORK DETAILS.
4. FOR DF FASTENERS AND CONCRETE PLINTH LAYOUT, SEE PLAN SERIES L30-KLXX.
5. SEE TRACKWORK STANDARD DWG KS158 NO. 8 TURNOUT DIRECT FIXATION DETAILS.
6. NORTHBOUND TRACK TOP OF RAIL ELEVATION VARIES FROM SOUTHBOUND (CONTROL) TRACK TOP OF RAIL ELEVATION BEGINNING AT STA 179+00.00. SEE NORTHBOUND TRACK PROFILE BELOW RIGHT.

CURVE	SB 516	CURVE	NB 602
PI STA.	SB 188+13.04	PI STA.	NB 189+56.51
R	900.00	R	950.00
Lc	51.26	Lc	58.54
Ls1	100.00	Ls1	90.00
Ls2	100.00	Ls2	90.00
Ea	3.00"	Ea	2.75"
Eu	2.39"	Eu	2.36"
V	35 mph	V	35 mph

N

40 20 0 40 80
SCALE IN FEET

No.	Date	Dsn.	Chk.	App.	Revisions
B	10/30/09	BP	JLB		AS-BUILT
A	06/17/05	TW	LG	IG	REVISED TOP OF RAIL PROFILE
0	07/31/03				ISSUED FOR CONSTRUCTION

City of Seattle
Work Order No.
Permit No. Y1430
Approved:
Inspector's Book:
Received:
Revised As Built:
SDOT:

Designed By: K. LAUZEN
Drawn By: T. KABOCHO
Checked By: C. TORRES
Approved By: N. MITCHELL

HUITT-ZOLLARS
Submitted: N. MITCHELL Date: 06/17/05

SOUNDTRANSIT
Approved: K. NG Date: 06/17/05

Scale: H: 1"=40'; V: 1"=10'
Filename: C05_L30_KP07.DWG
Contract No.: C 700
Date: 04/01/02

LINK LIGHT RAIL PROJECT
SOUTH CORRIDOR

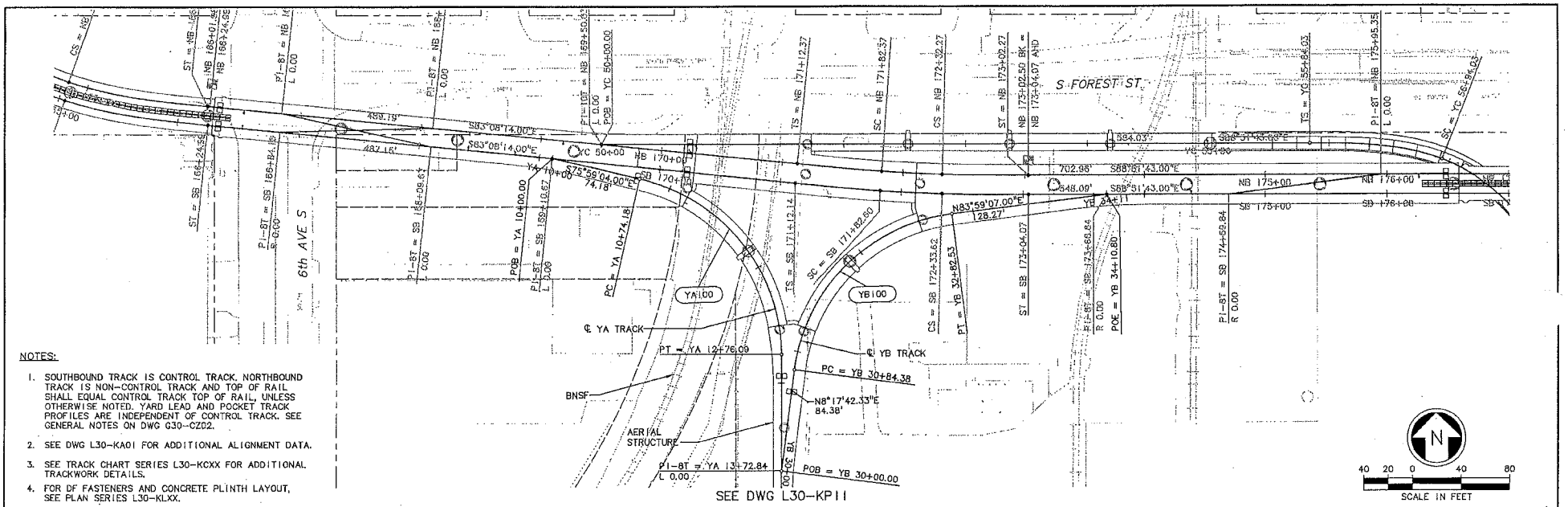
TRACK PLAN & PROFILE
STA SB 175+50 TO STA SB 181+64.97
STA NB 179+00 TO STA NB 181+69.75

Drawing No.: L30-KP07
Vault Plan No. 231-700
Sheet No.: 57 Rev.: B

34205
VAULT SERIAL NO. | DATE | MARK | NATURE REVISIONS | MADE | CHK'D | REV'D

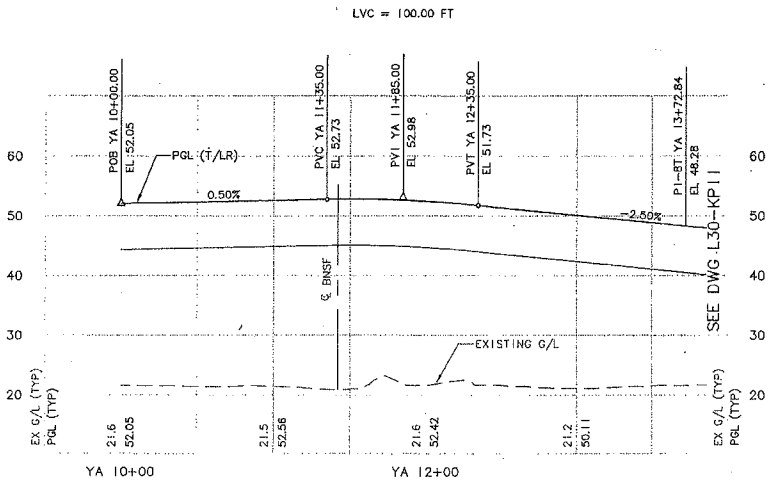
c:\work\ab\c700\c700_asbuilt_dwg\C05_L30_KP07.DWG
10/29/09 14:22 : porters OE6584

BNS CITY CLERK



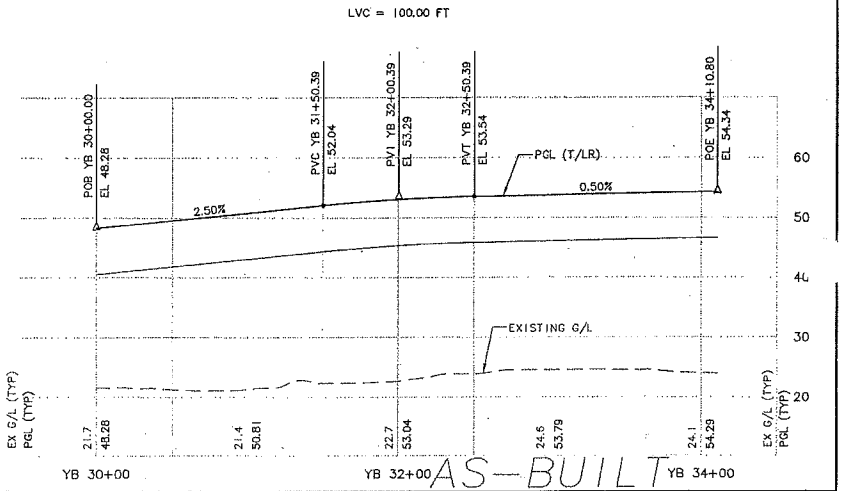
NOTES:

1. SOUTHBOUND TRACK IS CONTROL TRACK. NORTHBOUND TRACK IS NON-CONTROL TRACK AND TOP OF RAIL SHALL EQUAL CONTROL TRACK TOP OF RAIL, UNLESS OTHERWISE NOTED. YARD LEAD AND POCKET TRACK PROFILES ARE INDEPENDENT OF CONTROL TRACK. SEE GENERAL NOTES ON DWG G30-CZ02.
2. SEE DWG L30-KA01 FOR ADDITIONAL ALIGNMENT DATA.
3. SEE TRACK CHART SERIES L30-KCXX FOR ADDITIONAL TRACKWORK DETAILS.
4. FOR DF FASTENERS AND CONCRETE PLINTH LAYOUT, SEE PLAN SERIES L30-KLXX.



CURVE	YA100
PI STA.	YA 11+93.76
R	150.00
Lc	201.92
Ls1	–
Ls2	–
Eq	0.00"
Eu	2.64"
V	10 MPH

CURVE	YB100
PI STA.	YB 32+00.92
R	150.00
Lc	198.16
Ls1	–
Ls2	–
Eq	0.00"
Eu	2.64"
V	10 MPH



AS-BUILT

No.	Date	Dsn.	Chk.	App.	Revisions
B	10/30/09	BP	JLB		AS-BUILT
A	06/17/05	TW	LG	IG	REVISED TOP OF RAIL PROFILE
0	07/31/03				ISSUED FOR CONSTRUCTION

City of Seattle
Work Order No.
Permit No. Y1430
SDOT:
Approved:
Inspector's Book:
Received:
Revised As Built:

Designed By: K. LAUZEN
Drawn By: T. KABOCHO
Checked By: C. TORRES
Approved By: N. MITCHELL

HUITT-ZOLLARS
Submitted: N. MITCHELL Date: 06/17/05

SOUNDTRANSIT
Approved: K. NG Date: 06/17/05

Scale: H: 1"=40'; V: 1"=10'
Filename: c05_L30_kp10.dwg
Contract No.: C 700
Date: 04/01/02

LINK LIGHT RAIL PROJECT
SOUTH CORRIDOR

TRACK PLAN & PROFILE
STA YA 10+00 TO STA YA 13+50
STA YB 30+00 TO STA YB 34+10.80

Drawing No.: L30-KP10
Vault Plan No.: 231-700
Sheet No.: 58
Rev.: B

34205 VAULT SERIAL NO.

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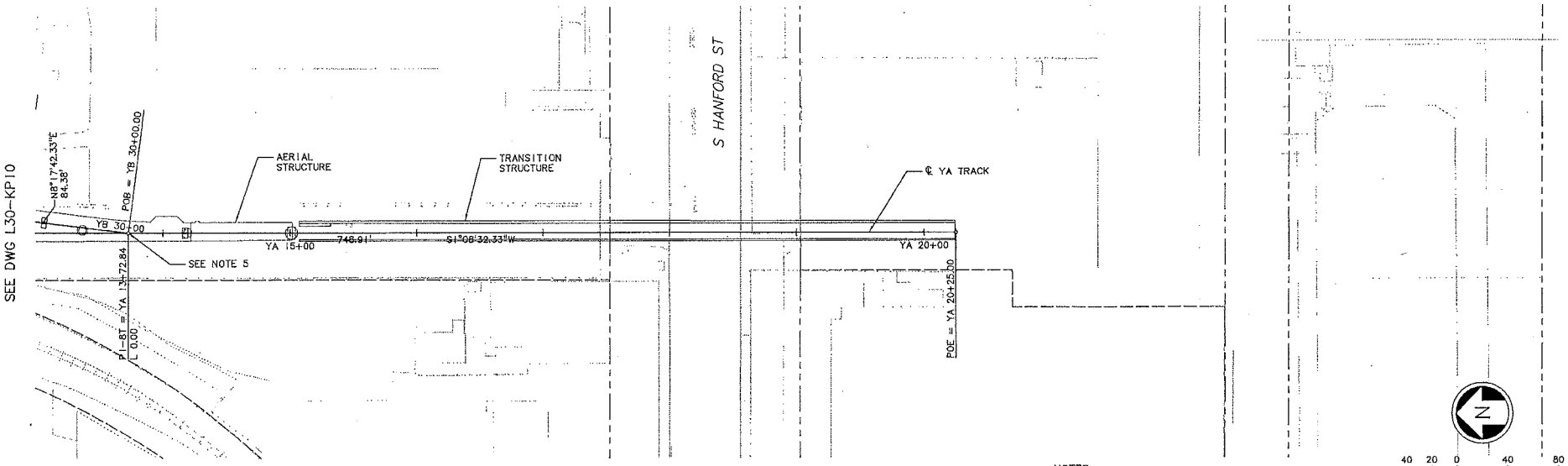
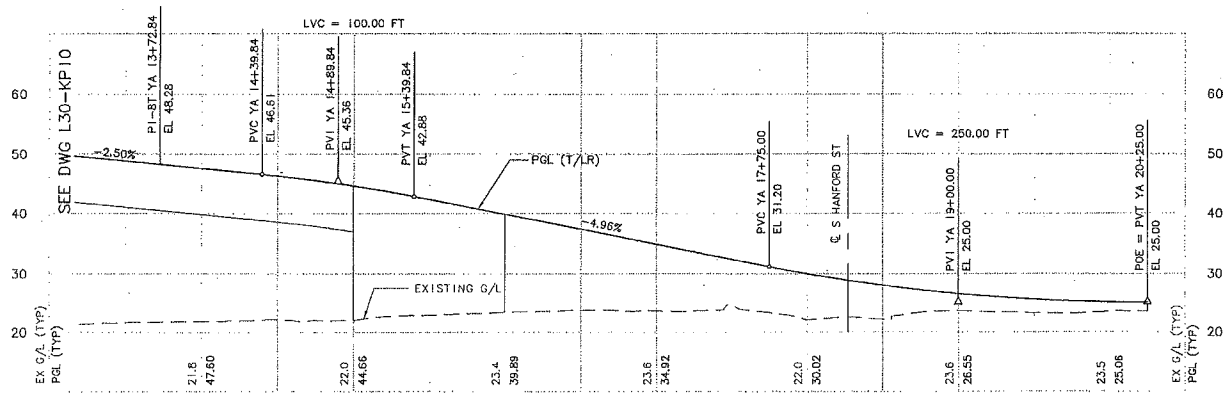
10/29/09 14:22 porters 065584



NOTES:

1. SOUTHBOUND TRACK IS CONTROL TRACK. NORTHBOUND TRACK IS NON-CONTROL TRACK AND TOP OF RAIL SHALL EQUAL CONTROL TRACK TOP OF RAIL, UNLESS OTHERWISE NOTED. YARD LEAD AND POCKET TRACK PROFILES ARE INDEPENDENT OF CONTROL TRACK. SEE GENERAL NOTES ON DWG G30-CZ02.
2. SEE DWG L30-KA01 FOR ADDITIONAL ALIGNMENT DATA.
3. SEE TRACK CHART SERIES L30-KCXX FOR ADDITIONAL TRACKWORK DETAILS.
4. FOR DF FASTENERS AND CONCRETE PLINTH LAYOUT, SEE PLAN SERIES L30-KLXX.
5. SEE TRACKWORK STANDARD DWG KS15B FOR NO. 8 TURNOUT DIRECT FIXATION DETAILS.



AS-BUILT

No.	Date	Dsn.	Chk.	App.	Revisions
B	10/30/09	BP	JLB		AS-BUILT
A	06/17/05	TW	LG	IG	REVISED TOP OF RAIL PROFILE
0	07/31/03				ISSUED FOR CONSTRUCTION

City of Seattle

Work Order No.
Permit No. Y1430
Approved:
Inspector's Book:
Received:
Revised As Built:
SDOT:

Designed By: K. LAUZEN
Drawn By: T. KABOCHO
Checked By: C. TORRES
Approved By: N. MITCHELL

HUITT-ZOLLARS

Submitted: N. MITCHELL Date: 06/17/05

SOUNDTRANSIT

Approved: K. NG Date: 06/17/05

Scale: H: 1"=40'; V: 1"=10'
Filename: c05_l30_kp11.dwg
Contract No.: C 700
Date: 04/01/02

LINK LIGHT RAIL PROJECT
SOUTH CORRIDOR

TRACK PLAN & PROFILE

STA YA 13+50 TO STA YA 20+25.00

Drawing No.: L30-KP11
Vault Plan No. 231-700
Sheet No.: 59
Rev.: B

34205
VAULT SERIAL NO. | DATE | MARK | NATURE REVISIONS | MADE | CHK'D | REV'D

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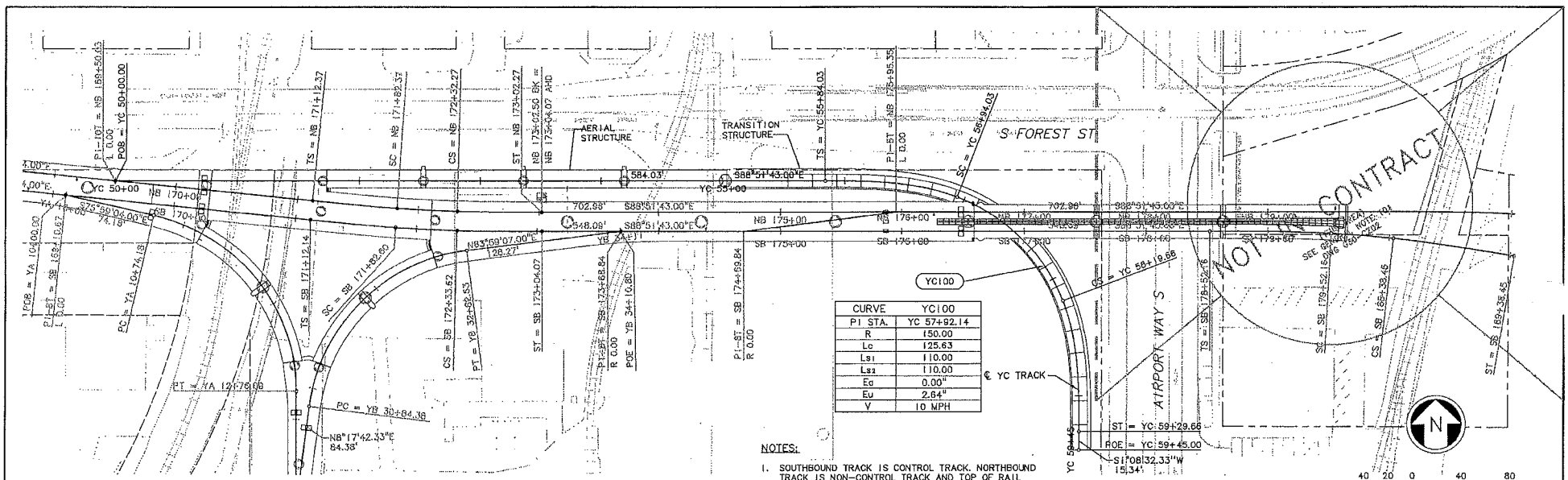
10/29/09 14:23 : porters 0E6584

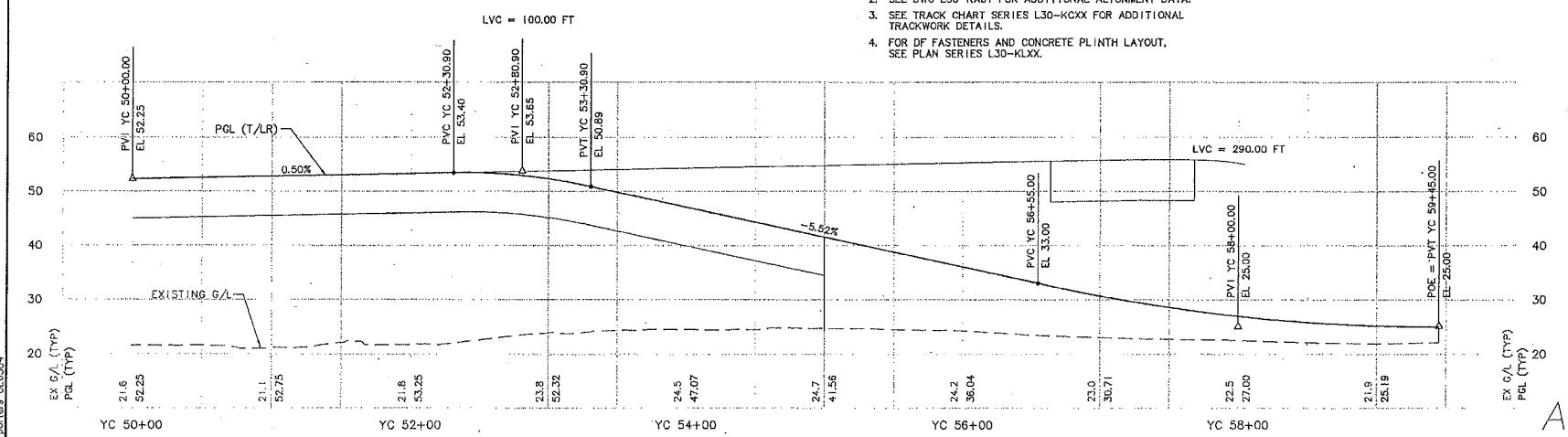
CITY CLERK



CURVE	YC100
PI STA.	YC 57+92.14
R	150.00
Lc	125.63
Ls1	110.00
Ls2	110.00
Ea	0.00"
Eu	2.64"
V	10 MPH

NOTES:

1. SOUTHBOUND TRACK IS CONTROL TRACK. NORTHBOUND TRACK IS NON-CONTROL TRACK AND TOP OF RAIL SHALL EQUAL CONTROL TRACK TOP OF RAIL, UNLESS OTHERWISE NOTED. YARD LEAD AND POCKET TRACK PROFILES ARE INDEPENDENT OF CONTROL TRACK. SEE GENERAL NOTES ON DWG G30-CZ02.
2. SEE DWG L30-KA01 FOR ADDITIONAL ALIGNMENT DATA.
3. SEE TRACK CHART SERIES L30-KCXX FOR ADDITIONAL TRACKWORK DETAILS.
4. FOR DF FASTENERS AND CONCRETE PLINTH LAYOUT, SEE PLAN SERIES L30-KLXX.



AS-BUILT

No.	Date	Dsn.	Chk.	App.	Revisions
B	10/30/09	BP	JLB		AS-BUILT
A	06/17/05	TW	LG	IG	REVISED TOP OF RAIL PROFILE
0	07/31/03				ISSUED FOR CONSTRUCTION

City of Seattle

Work Order No.: Permit No.: Y1430 | Approved: | Inspector's Book: | Received: | Revised As Built: | SDOT:

Designed By: K. LAUZEN
Drawn By: T. KABOCHO
Checked By: C. TORRES
Approved By: N. MITCHELL

HUITT-ZOLLARS

Submitted: N. MITCHELL Date: 06/17/05

SOUNDTRANSIT

Approved: K. NG Date: 06/17/05

Scale: H: 1"=40'; V: 1"=10'
Filename: c05_l30_kp12.dwg
Contract No.: C 700
Date: 04/01/02

LINK LIGHT RAIL PROJECT
SOUTH CORRIDOR

TRACK PLAN & PROFILE

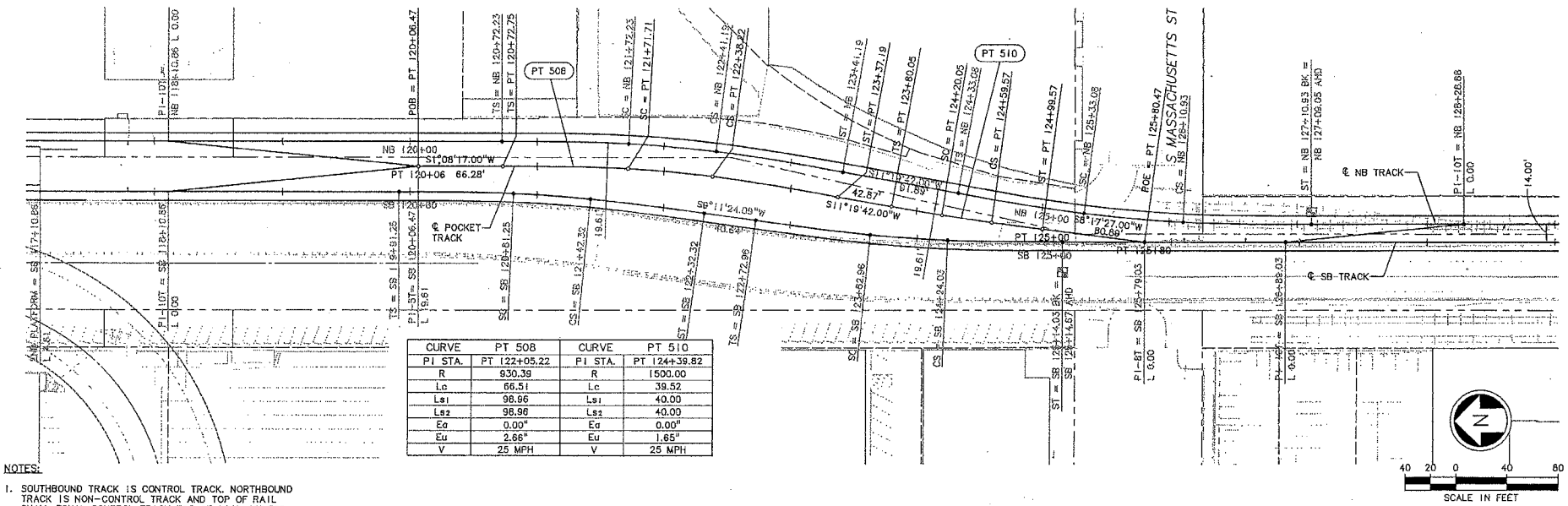
STA YC 50+00 TO STA YC 59+45.00

Drawing No.: L30-KP12
Vault Plan No.: 231-700
Sheet No.: 60 Rev.: B

34205 VAULT SERIAL NO. | DATE | MARK | NATURE REVISIONS | MADE | CHK'D | REV'D

c:\work_\ab\c700\c700_asbuilt_dwg\C05_L30_KP12.dwg
10/29/09 14:23 : porters 0E6584

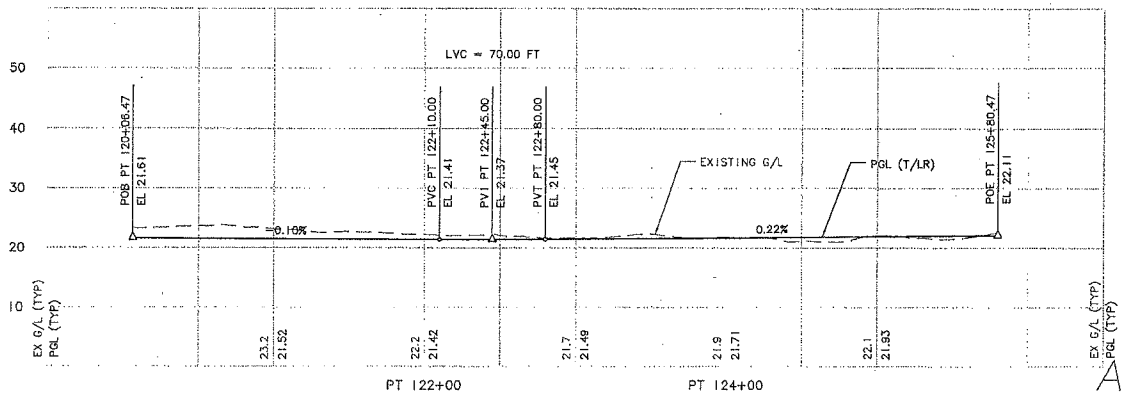
CITY CLERK



CURVE	PT 508	CURVE	PT 510
PI STA.	PT 122+05.22	PI STA.	PT 124+39.82
R	930.39	R	1500.00
Lc	66.51	Lc	39.52
Ls1	98.96	Ls1	40.00
Ls2	98.96	Ls2	40.00
Ea	0.00"	Ea	0.00"
Eu	2.66"	Eu	1.65"
V	25 MPH	V	25 MPH

NOTES:

1. SOUTHBOUND TRACK IS CONTROL TRACK. NORTHBOUND TRACK IS NON-CONTROL TRACK AND TOP OF RAIL SHALL EQUAL CONTROL TRACK TOP OF RAIL, UNLESS OTHERWISE NOTED. YARD LEAD AND POCKET TRACK PROFILES ARE INDEPENDENT OF CONTROL TRACK. SEE GENERAL NOTES ON DWG G30-CZ02.
2. SEE DWG L30-KA01 FOR ADDITIONAL ALIGNMENT DATA.
3. SEE PLAN SERIES L30_KP01 TO L30_KP07 FOR SB AND NB TRACK PLAN AND PROFILE.
4. SEE TRACK CHART SERIES L30-KCXX FOR ADDITIONAL TRACKWORK DETAILS.



AS-BUILT

No.	Date	Dsn.	Chk.	App.	Revisions
A	10/30/09	BP	JLB		AS-BUILT
0	07/31/03				ISSUED FOR CONSTRUCTION

City of Seattle

Work Order No.
Permit No. Y1430
Approved:
Inspector's Book:
Received:
Revised As Built:
SDOI:

Designed By: K. LAUZEN
Drawn By: B. MCMILLAN
Checked By: C. TORRES
Approved By: N. MITCHELL

HUITT-ZOLLARS

SOUNDTRANSIT

Submitted: N. MITCHELL Date: 07/31/03
Approved: K. NG Date: 07/31/03

Scale: H: 1"=40'; V: 1"=10'
Filename: C05_L30_KP21.DWG
Contract No.: C 700
Date: 04/01/02

LINK LIGHT RAIL PROJECT
SOUTH CORRIDOR

POCKET TRACK PLAN & PROFILE

STA PT 120+06.47 TO STA PT 125+80.47

Drawing No.: L30-KP21
Vault Plan No. 231-700
Sheet No.: 61 Rev.: A

34205

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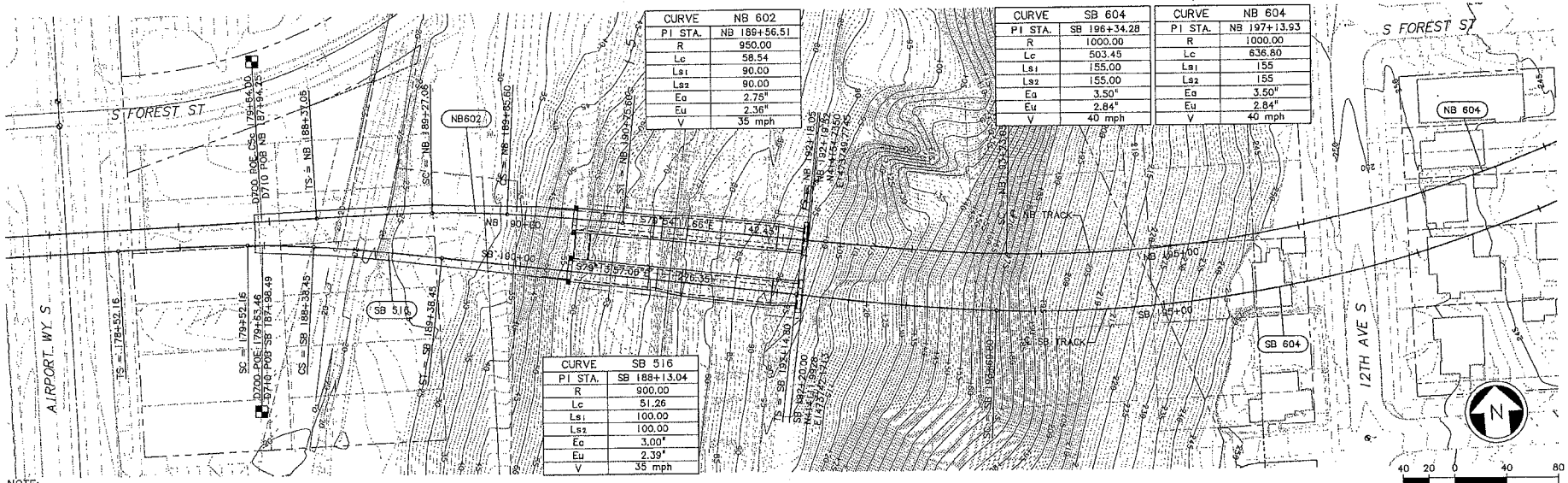
10/29/09 14:23 : porters DE6584

CITY CLERK



CURVE	NB 602
PI STA.	NB 189+56.51
R	950.00
Lc	58.54
Ls1	90.00
Ls2	90.00
Ea	2.75"
Eu	2.36"
V	35 mph

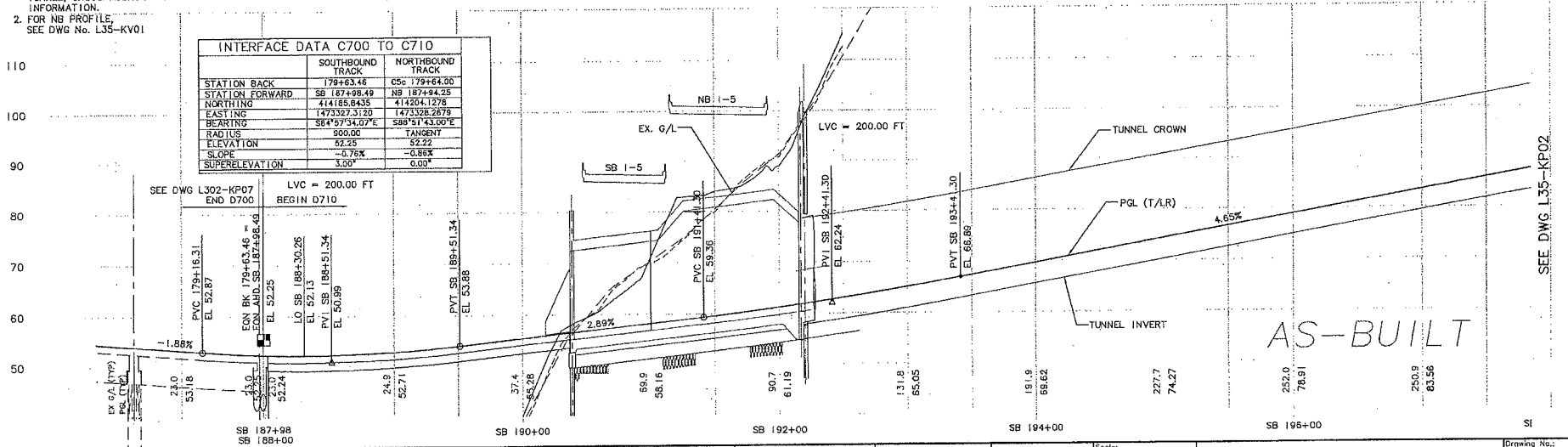
CURVE	SB 604
PI STA.	SB 196+34.28
R	1000.00
Lc	503.45
Ls1	155.00
Ls2	155.00
Ea	3.50"
Eu	2.84"
V	40 mph

CURVE	NB 604
PI STA.	NB 197+13.93
R	1000.00
Lc	636.80
Ls1	155
Ls2	155
Ea	3.50"
Eu	2.84"
V	40 mph

CURVE	SB 516
PI STA.	SB 188+13.04
R	900.00
Lc	51.26
Ls1	100.00
Ls2	100.00
Ea	3.00"
Eu	2.39"
V	35 mph

NOTE:
1. SEE STRUCTURE DRAWINGS FOR TUNNEL, CROSSPASSAGE & PORTAL INFORMATION.
2. FOR NB PROFILE, SEE DWG No. L35-KV01

INTERFACE DATA C700 TO C710	SOUTHBOUND TRACK	NORTHBOUND TRACK
STATION BACK	179+63.46	C5c 179+64.00
STATION FORWARD	SB 187+98.49	NB 187+94.25
NORTHING	414185.8435	414204.1278
EASTING	1473327.3120	1473328.2679
BEARING	S84°57'34.07"E	S88°51'43.00"E
RADIUS	900.00	TANGENT
ELEVATION	52.25	52.22
SLOPE	-0.76%	-0.86%
SUPERELEVATION	3.00"	0.00"



No.	Date	Dsn.	Chk.	App.	Revisions
B					AS-BUILT
A	11/01/06	JG	JLB	ASM	CO #158
0	06/28/04				ISSUED FOR CONSTRUCTION

City of Seattle
Work Order No.
Permit No. Y1431
SDOT:
Approved:
Inspector's Book:
Received:
Revised As Built:

Designed By: N. CORNWELL
Drawn By: R. LAYGO
Checked By: N. BARON
Approved By: J.L. PATTERSON

Hatch Mott MacDonald
JE JACOBS CIVIL INC
PATTERSON & ASSOCIATES, INC.
SOUNDTRANSIT

Submitted: D. J. PHELPS Date: 06/28/04
Approved: D. McALLISTER Date: 06/28/04

Scale: H: 1"=40', V: 1"=10'
Filename: C10_L35_KP01.dwg
Contract No.: C 710
Date: 12/15/03

LINK LIGHT RAIL PROJECT
SOUTH CORRIDOR
BEACON HILL TUNNEL
TRACK PLAN & SOUTHBOUND PROFILE
STA SB 187+98.49 TO STA SB 197+00

Drawing No.: L35-KP01
Vault Plan No.: 231-710
Sheet No.: 62 Rev.: B

VAULT SERIAL NO. 34206

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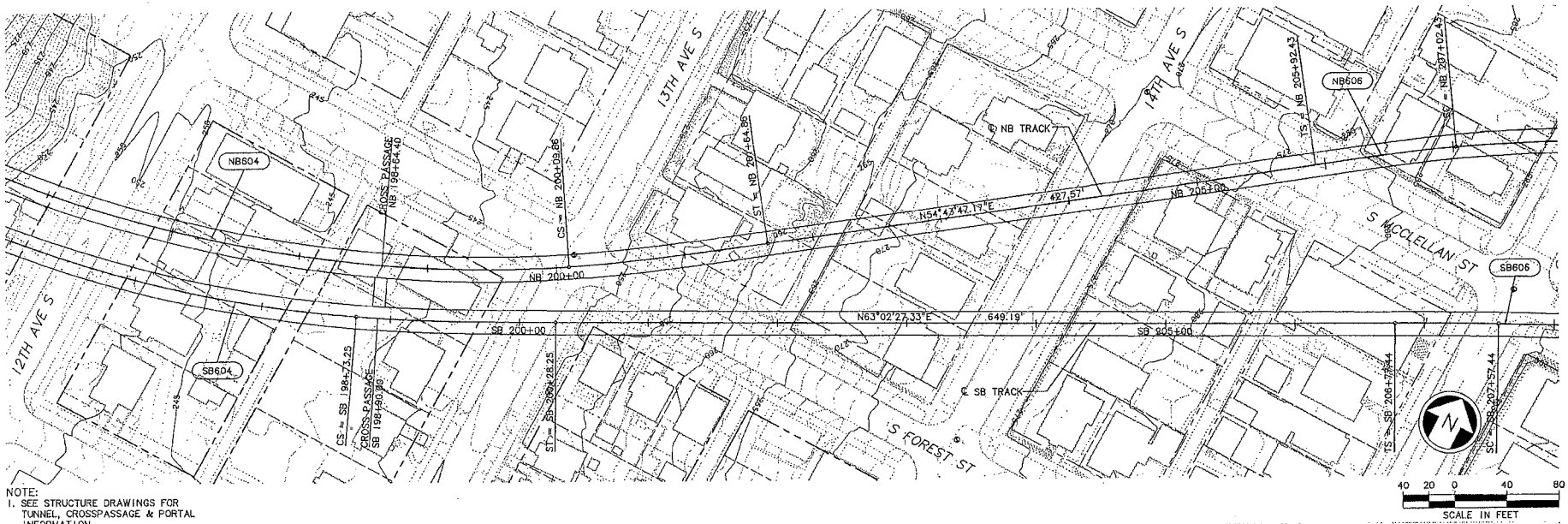
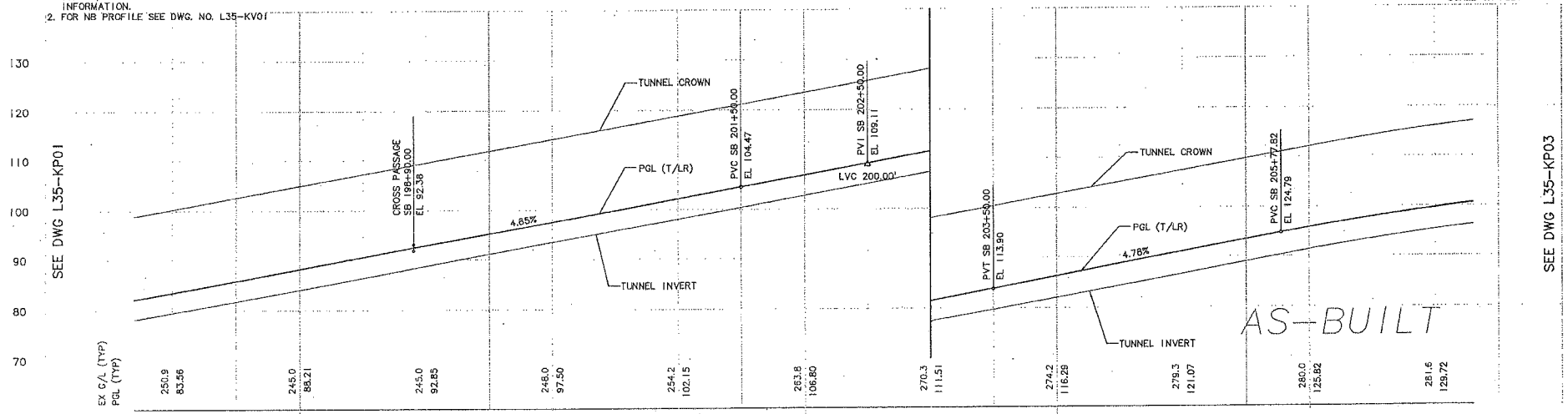


NOTE:
1. SEE STRUCTURE DRAWINGS FOR TUNNEL, CROSSPASSAGE & PORTAL INFORMATION.
2. FOR NB PROFILE SEE DWG. NO. L35-KV01



No.	Date	Dsn.	Chk.	App.	Revisions
C					AS-BUILT
B	07/26/07	JLB	MC	ASM	CO #231
A	11/01/06	JG	JLB	ASM	CO #158
0	06/28/04				ISSUED FOR CONSTRUCTION

City of Seattle
Work Order No.
Permit No. Y1431
Approved:
Inspector's Book:
Received:
Revised As Built:
SDOT:

Designed By: N. CORNWELL
Drawn By: R. LAYGO
Checked By: N. BARON
Approved By: J.L. PATTERSON

Hatch Mott MacDonald
JACOBS CIVIL INC
PATTERSON & ASSOCIATES, INC.
SOUNDTRANSIT

Submitted: D. J. PHELPS Date: 06/28/04
Approved: D. McALLISTER Date: 06/28/04

Scale: H: 1"=40', V: 1"=10'
Filename: C10_L35_KP02.dwg
Contract No.: C 710
Date: 12/15/03

LINK LIGHT RAIL PROJECT
SOUTH CORRIDOR
BEACON HILL TUNNEL
TRACK PLAN & SOUTHBOUND PROFILE
STA SB 197+00 TO STA SB 207+00

Drawing No.: L35-KP02
Vault Plan No. 231-710
Sheet No.: 63
Rev.: C

34206
VAULT SERIAL NO. | DATE | MARK | NATURE | MADE | CHK'D | REV'D
REVISIONS

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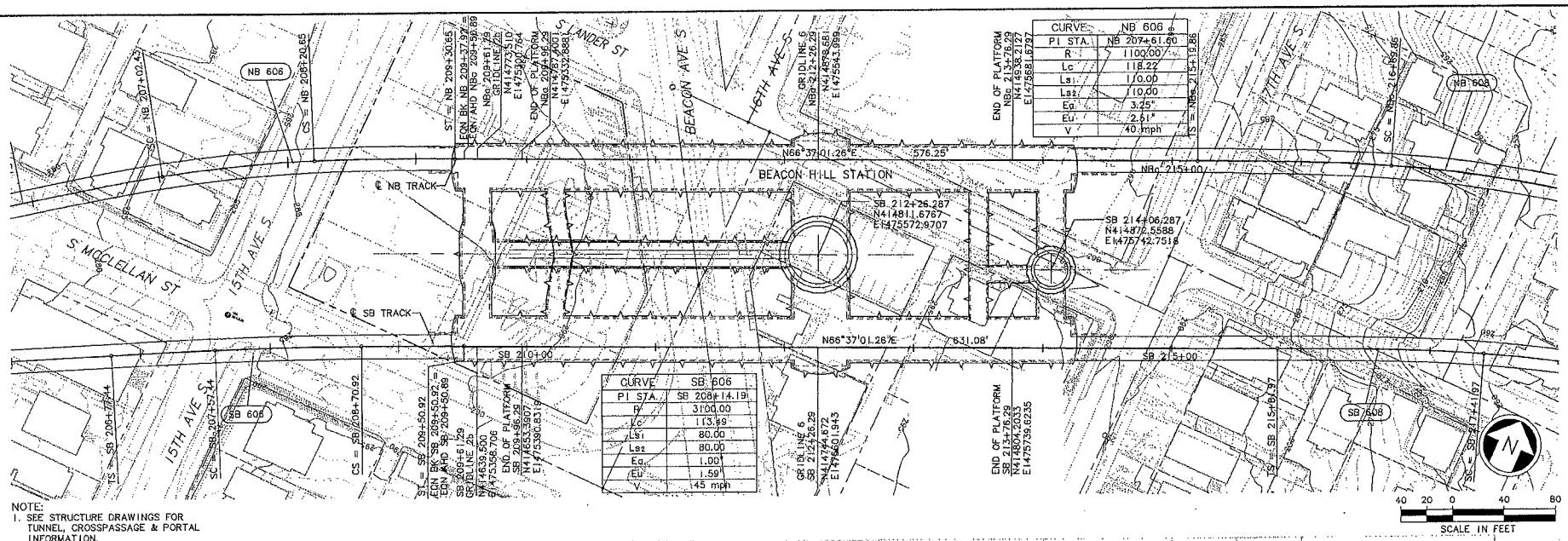
10/02/12 09:01 : bailey| 0E6584

BIG CITY CLERK



No.	Date	Dsn.	Chk.	App.	Revisions
C					AS-BUILT
B	07/26/07	JLB	MC	ASM	CO #231
A	11/01/06	JLB	JG	ASM	CO #158
0	06/28/04				ISSUED FOR CONSTRUCTION

City of Seattle
Work Order No.
Permit No. Y1431
SDOT:
Approved:
Inspector's Book:
Received:
Revised As Built:

Designed By: N. CORNWELL
Drawn By: R. LAYGO
Checked By: N. BARON
Approved By: J.L. PATTERSON

Hatch Mott MacDonald
JE JACOBS CIVIL INC
PATTERSON & ASSOCIATES, INC.
SOUNDTRANSIT

Submitted: D. J. PHELPS Date: 06/28/04
Approved: D. McALLISTER Date: 06/28/04
Date: 12/15/03

Scale: H: 1"=40', V: 1"=10'
Filename: C10_L35_KP03.dwg
Contract No.: C 710

LINK LIGHT RAIL PROJECT
SOUTH CORRIDOR
BEACON HILL TUNNEL
TRACK PLAN & SOUTHBOUND PROFILE
STA SB 207+00 TO STA SB 217+00

Drawing No.: L35-KP03
Vault Plan No.: 231-710
Sheet No.: 64
Rev.: C

34206 VAULT SERIAL NO.

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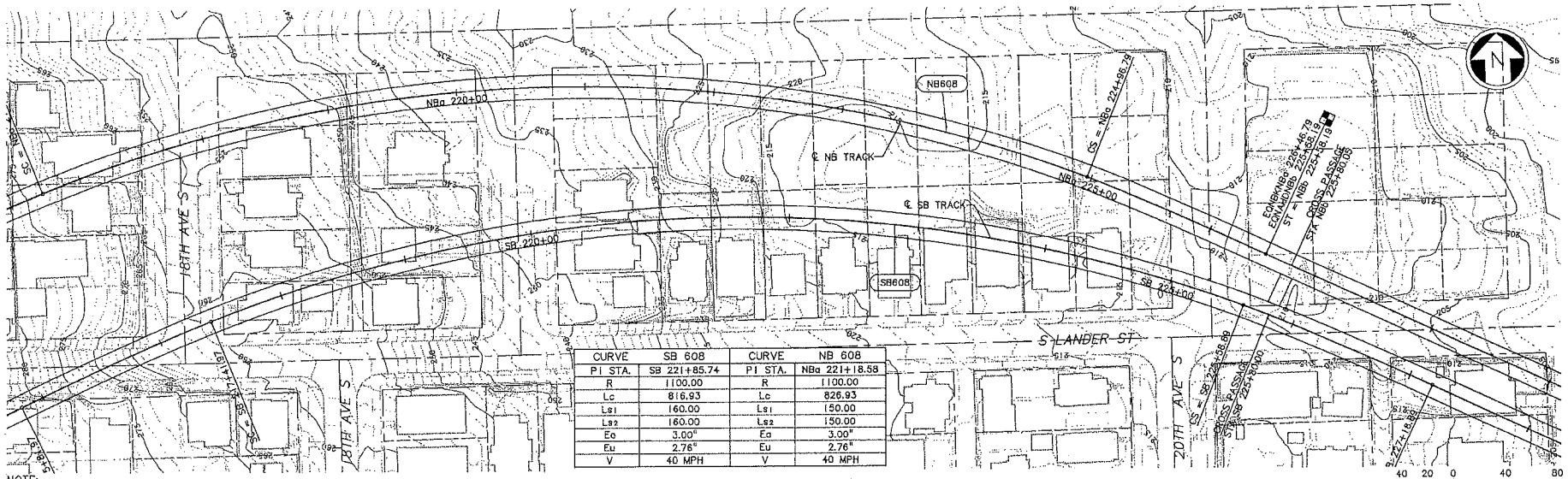
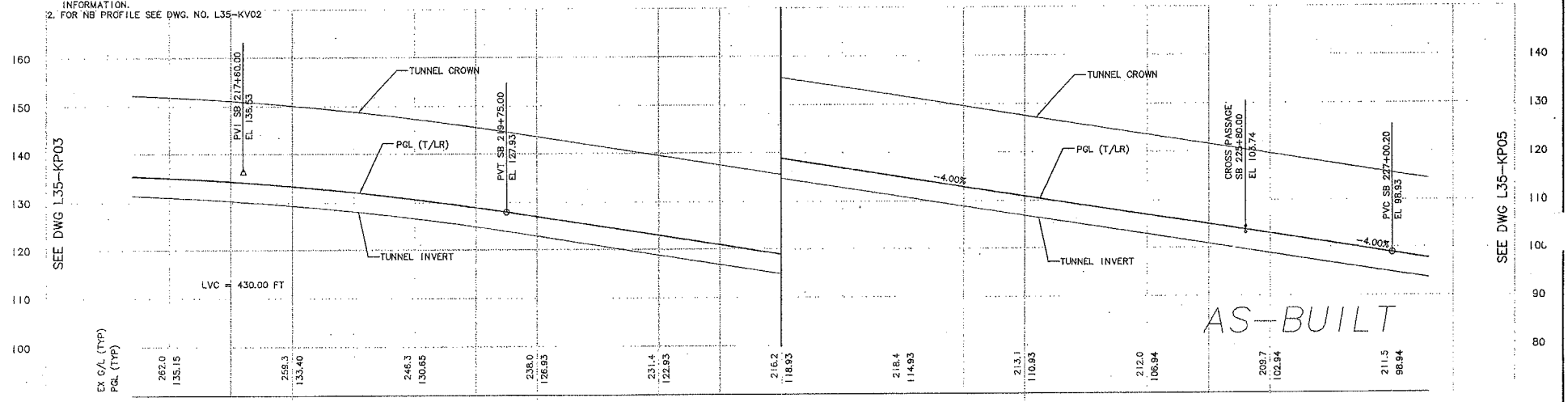
10/02/12 09:01 : bailey| DE6584



CURVE	SB 608	CURVE	NB 608
PI STA.	SB 221+85.74	PI STA.	NBa 221+18.58
R	1100.00	R	1100.00
Lc	816.93	Lc	826.93
Ls1	160.00	Ls1	150.00
Ls2	160.00	Ls2	150.00
Eo	3.00"	Eo	3.00"
Eu	2.76"	Eu	2.76"
V	40 MPH	V	40 MPH

NOTE:
1. SEE STRUCTURE DRAWINGS FOR TUNNEL, CROSSPASSAGE & PORTAL INFORMATION.
2. FOR NB PROFILE SEE DWG. NO. L35-KV02



No.	Date	Dsn.	Chk.	App.	Revisions
A					AS-BUILT
0	08/28/04				ISSUED FOR CONSTRUCTION

City of Seattle
Work Order No.
Permit No. Y1431
SDOT:
Approved:
Inspector's Book:
Received:
Revised As Built:

Designed By: N. CORNWELL
Drawn By: R. LAYGO
Checked By: N. BARON
Approved By: J.L. PATTERSON

Hatch Mott MacDonald
JE JACOBS CIVIL INC
Submitted: D. J. PHELPS Date: 06/28/04
PATTERSON & ASSOCIATES, INC.
Approved: D. McALLISTER Date: 06/28/04
SOUNDTRANSIT
Date: 12/15/03

Scale: H: 1"=40', V: 1"=10'
Filename: C10_L35_KP04.dwg
Contract No.: C 710

LINK LIGHT RAIL PROJECT
SOUTH CORRIDOR
BEACON HILL TUNNEL
TRACK PLAN & SOUTHBOUND PROFILE
STA SB 217+00 TO STA SB 227+00

Drawing No.: L35-KP04
Vault Plan No.: 231-710
Sheet No.: 65
Rev.: A

34206 VAULT SERIAL NO.

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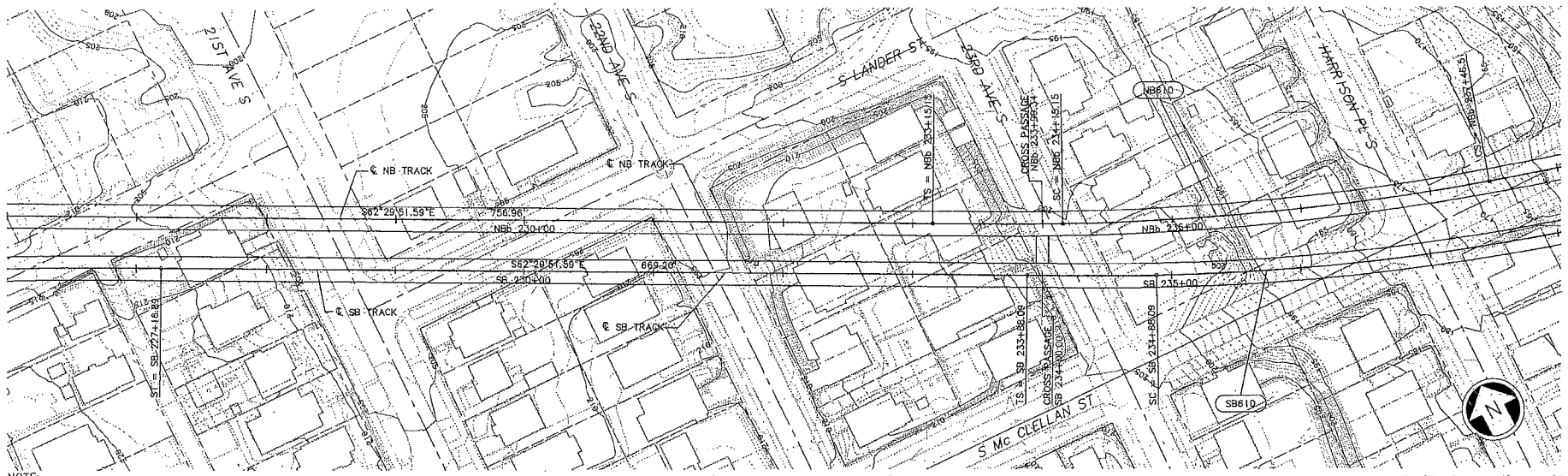
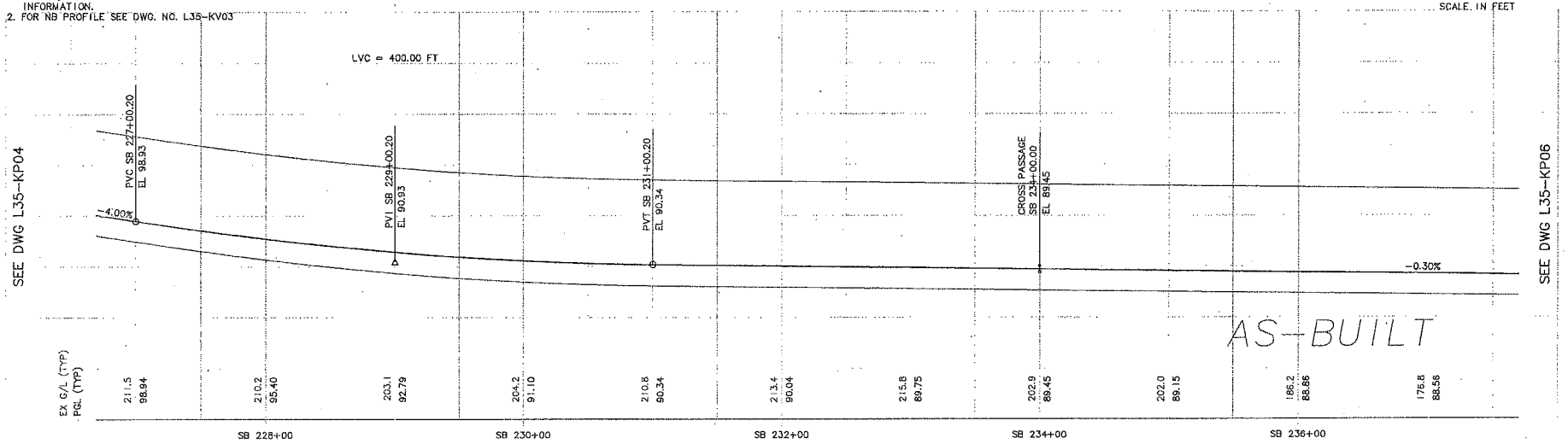
10/02/12 09:01 : baileyj DES684



NOTE:
1. SEE STRUCTURE DRAWINGS FOR TUNNEL, CROSSPASSAGE & PORTAL INFORMATION.
2. FOR NB PROFILE SEE DWG. NO. L35-KV03



No.	Date	Dsn.	Chk.	App.	Revisions
A					AS-BUILT
0	08/28/04				ISSUED FOR CONSTRUCTION

City of Seattle
Work Order No.
Permit No. Y1431
Approved:
Inspector's Book:
Received:
Revised As Built:
SDOT:

Designed By: N. CORNWELL
Drawn By: R. LAYGO
Checked By: N. BARON
Approved By: J.L. PATTERSON

Hatch Mott MacDonald
JACOBS CIVIL INC
Submitted: D. J. PHELPS Date: 06/28/04

PATTERSON & ASSOCIATES, INC.
Approved: D. McALLISTER Date: 06/28/04

SOUNDTRANSIT
Date: 12/15/03

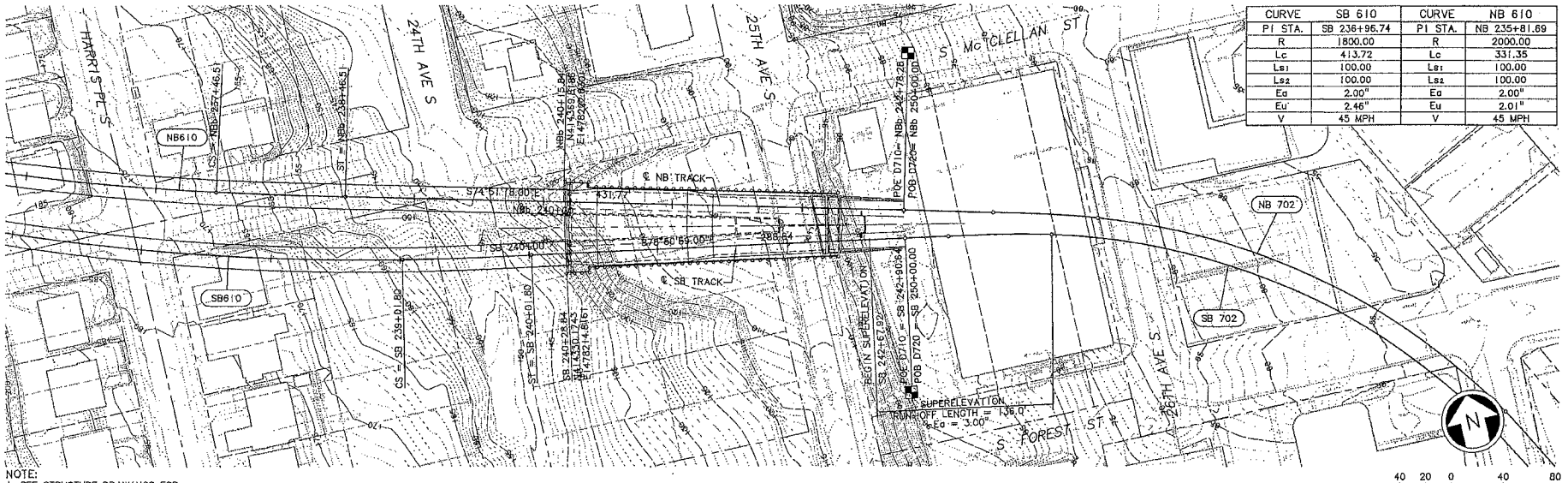
Scale: H: 1"=40', V: 1"=10'
Filename: C10_L35_KP05.dwg
Contract No.: C 710

LINK LIGHT RAIL PROJECT
SOUTH CORRIDOR
BEACON HILL TUNNEL
TRACK PLAN & SOUTHBOUND PROFILE
STA SB 227+00 TO STA SB 237+00

Drawing No.: L35-KP05
Vault Plan No. 231-710
Sheet No.: 66
Rev.: A

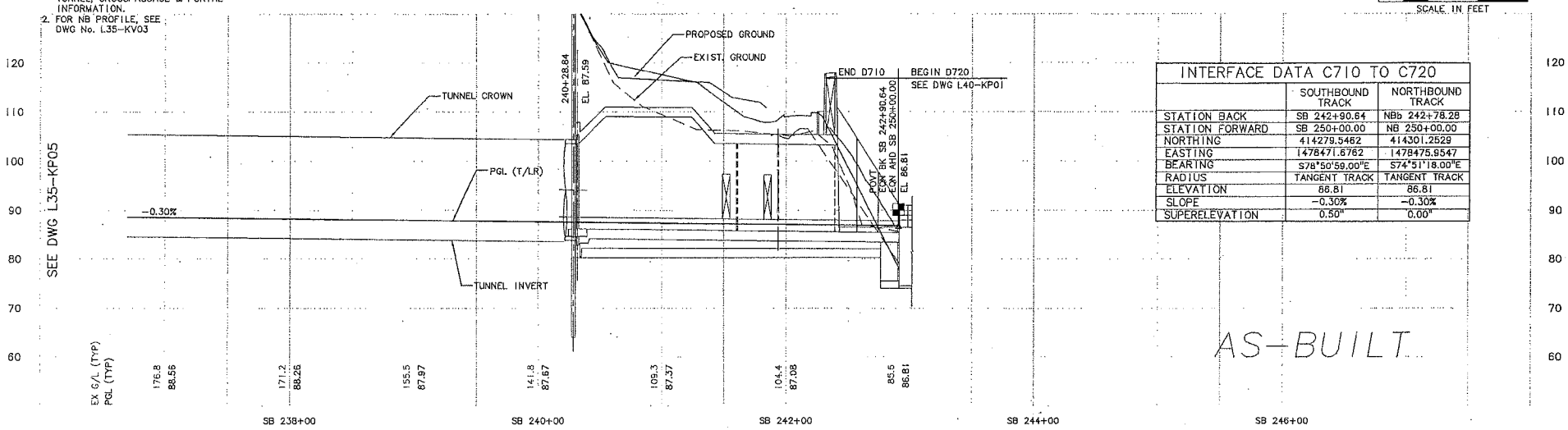
VAULT SERIAL NO. 34206

c:\work\C10_L35_(KP05.dwg
10/02/12 09:01 - bailey| 06584



CURVE	SB 610	CURVE	NB 610
PI STA.	SB 236+96.74	PI STA.	NB 235+81.69
R	1800.00	R	2000.00
Lc	413.72	Lc	331.35
Ls1	100.00	Ls1	100.00
Ls2	100.00	Ls2	100.00
Ea	2.00"	Ea	2.00"
Eu	2.46"	Eu	2.01"
V	45 MPH	V	45 MPH

NOTE:
1. SEE STRUCTURE DRAWINGS FOR TUNNEL, CROSSPASSAGE & PORTAL INFORMATION.
2. FOR NB PROFILE, SEE DWG No. L35-KV03



INTERFACE DATA C710 TO C720		
	SOUTHBOUND TRACK	NORTHBOUND TRACK
STATION BACK	SB 242+90.64	NBb 242+78.28
STATION FORWARD	SB 250+00.00	NB 250+00.00
NORTHING	414279.5462	414301.2529
EASTING	1478471.6762	1478475.9547
BEARING	S78°50'59.00"E	S74°51'18.00"E
RADIUS	TANGENT TRACK	TANGENT TRACK
ELEVATION	86.81	86.81
SLOPE	-0.30%	-0.30%
SUPERELEVATION	0.50"	0.00"

No.	Date	Dsn.	Chk.	App.	Revisions
A					AS-BUILT
0	06/28/04				ISSUED FOR CONSTRUCTION

City of Seattle
Work Order No.
Permit No. Y1431
Approved:
Inspector's Book:
Received:
Revised As Built:
SDOT:

Designed By: N. CORNWELL
Drawn By: R. LAYGO
Checked By: N. BARON
Approved By: J.L. PATTERSON

Hatch Mott MacDonald
JACOBS CIVIL INC
PATTERSON & ASSOCIATES, INC.
SOUNDTRANSIT

Submitted: D. J. PHELPS Date: 06/28/04
Approved: D. McALLISTER Date: 06/28/04
Scale: H: 1"=40', V: 1"=10'
Filename: C10_L35_KP06.dwg
Contract No.: C 710
Date: 12/15/03

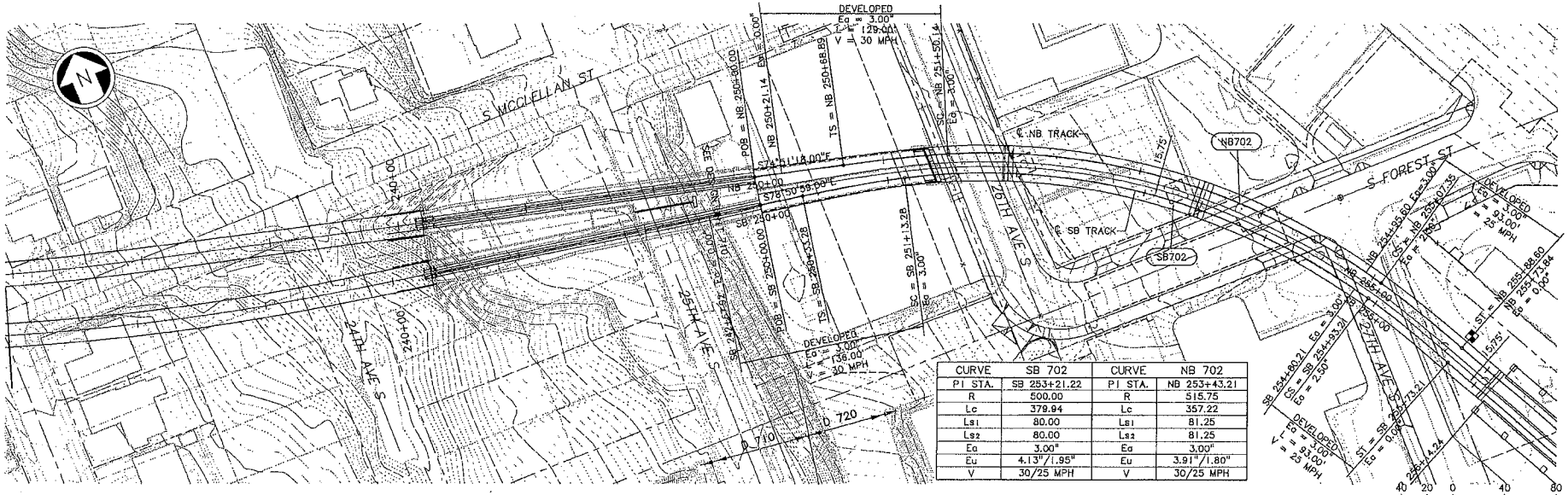
LINK LIGHT RAIL PROJECT
SOUTH CORRIDOR
BEACON HILL TUNNEL
TRACK PLAN & SOUTHBOUND PROFILE
STA SB 237+00 TO STA SB 242+90.64

Drawing No.: L35-KP06
Vault Plan No. 231-710
Sheet No.: 67
Rev.: A

34206
VAULT SERIAL NO
DATE
MARK
NATURE
REVISIONS
MADE
CHK'D
REV'D

c:\work\C10_L35_KP06.dwg
10/02/12 09:02 : bailey1 OE6584

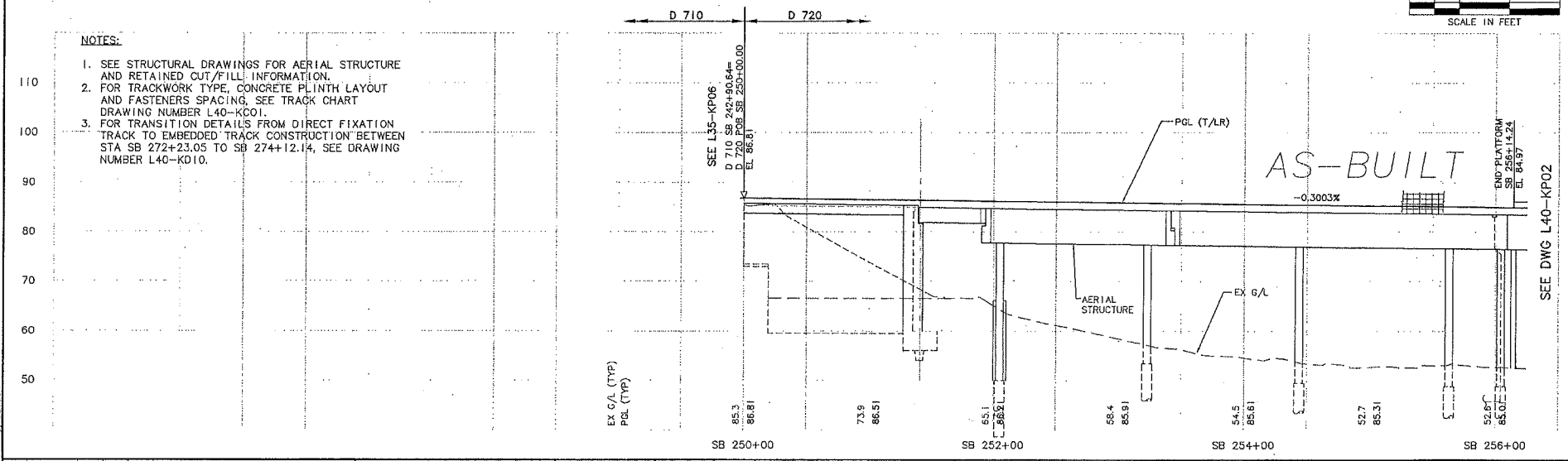
CITY CLERK



CURVE	SB 702	CURVE	NB 702
PI STA.	SB 253+21.22	PI STA.	NB 253+43.21
R	500.00	R	515.75
Lc	379.94	Lc	357.22
Ls1	80.00	Ls1	81.25
Ls2	80.00	Ls2	81.25
Eq	3.00"	Eq	3.00"
Eu	4.13"/1.95"	Eu	3.91"/1.80"
V	30/25 MPH	V	30/25 MPH

NOTES:

1. SEE STRUCTURAL DRAWINGS FOR AERIAL STRUCTURE AND RETAINED CUT/FILL INFORMATION.
2. FOR TRACKWORK TYPE, CONCRETE PLINTH LAYOUT AND FASTENERS SPACING, SEE TRACK CHART DRAWING NUMBER L40-KC01.
3. FOR TRANSITION DETAILS FROM DIRECT FIXATION TRACK TO EMBEDDED TRACK CONSTRUCTION BETWEEN STA SB 272+23.05 TO SB 274+12.14, SEE DRAWING NUMBER L40-KD10.



No.	Date	Dsn.	Chk.	App.	Revisions
A					AS-BUILT
0	06/28/04				ISSUED FOR CONSTRUCTION

City of Seattle

Work Order No.	Approved:
Permit No. Y1431	Inspector's Book:
	Received:
	Revised As Built:
SDOT:	

Designed By: A. D'SYLVA
Drawn By: A. D'SYLVA
Checked By: S. ANDERSON
Approved By: R. GRIEBENOW

BERGER/ABAM ENGINEERS INC.
2005 FIFTH AVENUE
THIRD FLOOR
SEATTLE, WASHINGTON 98121
VOICE: (206)374-9790
FAX: (206)374-9795

Submitted: R. GRIEBENOW 06/28/04
Approved: R. RUDOLPH 06/28/04

SOUNDTRANSIT

Scale: H: 1"=40'; V: 1"=10'
Filename: c20_L40_kp01.dwg
Contract No.: C 710
Date: 07/25/03

LINK LIGHT RAIL PROJECT
SOUTH CORRIDOR
AERIAL STRUCTURE

TRACK PLAN & PROFILE
SHEET 1 OF 3
STA SB 250+00 TO STA SB 256+09

Drawing No.: L40-KP01
Vault Plan No.: 231-710
Sheet No.: 69
Rev.: A

VAULT SERIAL NO. 34206

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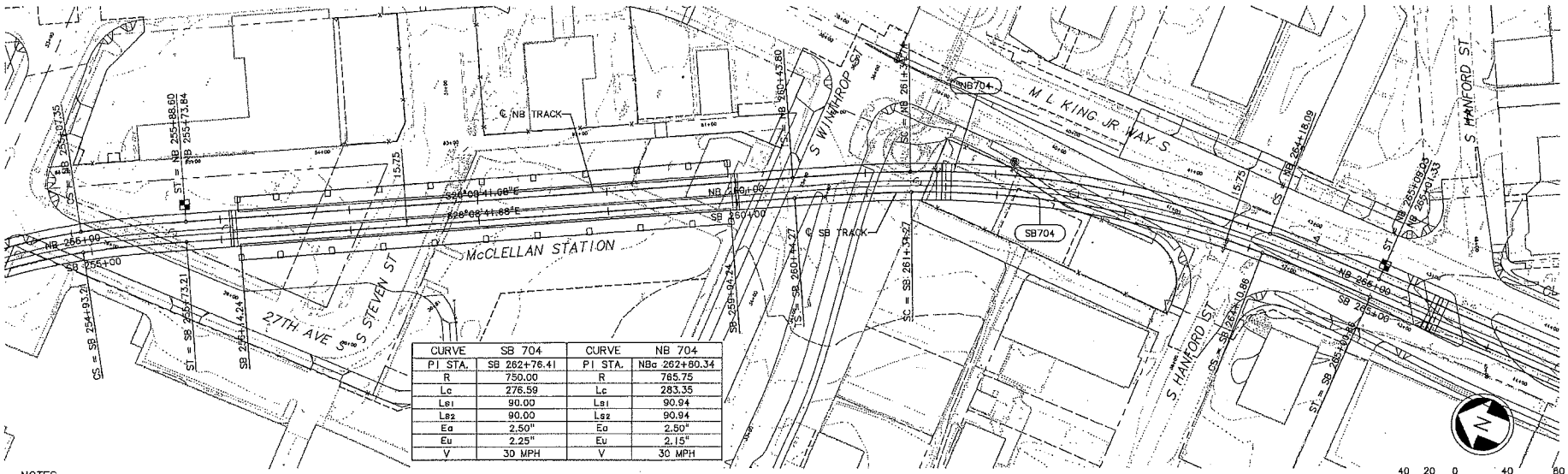
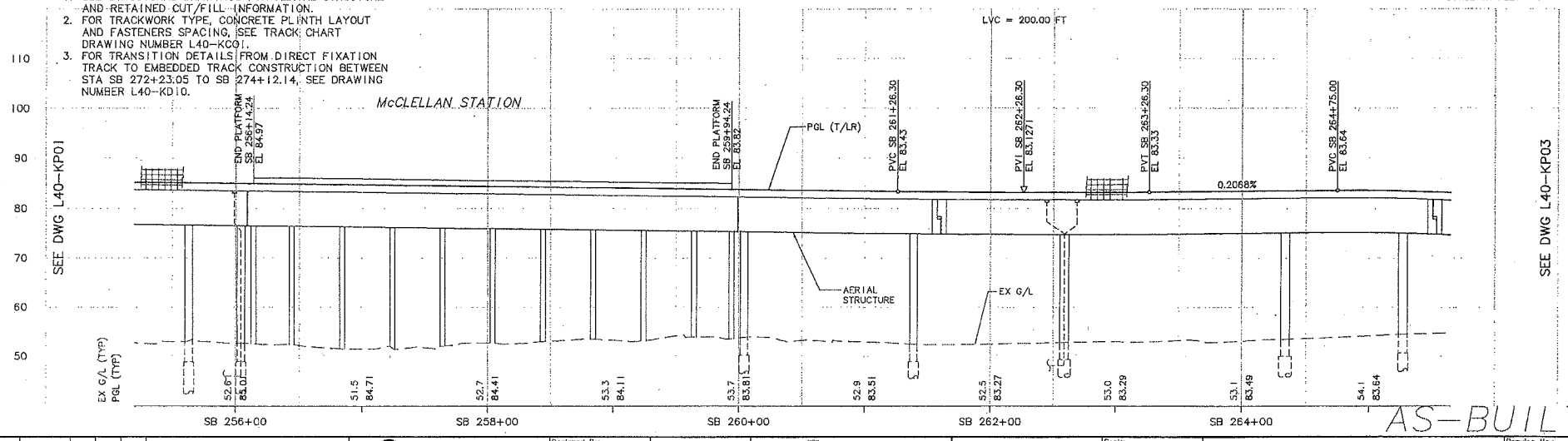


CURVE	SB 704	CURVE	NB 704
PI STA.	SB 262+76.41	PI STA.	NBa 262+80.34
R	750.00	R	765.75
Lc	276.59	Lc	283.35
Ls1	90.00	Ls1	90.94
Ls2	90.00	Ls2	90.94
Ea	2.50"	Ea	2.50"
Eu	2.25"	Eu	2.15"
V	30 MPH	V	30 MPH

NOTES:

1. SEE STRUCTURAL DRAWINGS FOR AERIAL STRUCTURE AND RETAINED CUT/FILL INFORMATION.
2. FOR TRACKWORK TYPE, CONCRETE PLINTH LAYOUT AND FASTENERS SPACING, SEE TRACK CHART DRAWING NUMBER L40-KC01.
3. FOR TRANSITION DETAILS FROM DIRECT FIXATION TRACK TO EMBEDDED TRACK CONSTRUCTION BETWEEN STA SB 272+23.05 TO SB 274+12.14, SEE DRAWING NUMBER L40-KD10.



AS-BUILT

No.	Date	Dsn.	Chk.	App.	Revisions
A					AS-BUILT
0	06/28/04				ISSUED FOR CONSTRUCTION

City of Seattle

Work Order No.	Approved:
Permit No. Y1431	Inspector's Book:
	Received:
	Revised As Built:
SDOT:	

Designed By:	A. D'SYLVA
Drawn By:	A. D'SYLVA
Checked By:	S. ANDERSON
Approved By:	R. GRIEBENOW

BERGER/ABAM ENGINEERS INC.
2005 FIFTH AVENUE
THIRD FLOOR
SEATTLE, WASHINGTON
98121
VOICE: (206)374-9790
FAX: (206)374-9795

Submitted:	Date:
R. GRIEBENOW	06/28/04

SOUNDTRANSIT

Approved:	Date:
R. RUDOLPH	06/28/04

Scale:	H: 1"=40'; V: 1"=10'
Filename:	c20_l_40_kp02.dwg
Contract No.:	C 710
Date:	07/25/03

LINK LIGHT RAIL PROJECT
SOUTH CORRIDOR
AERIAL STRUCTURE

TRACK PLAN & PROFILE
SHEET 2 OF 3
STA SB 256+09 TO STA SB 265+52

Drawing No.:	L40-KP02
Vault Plan No.	231-710
Sheet No.:	69
Rev.:	A

VAULT SERIAL NO. 34206

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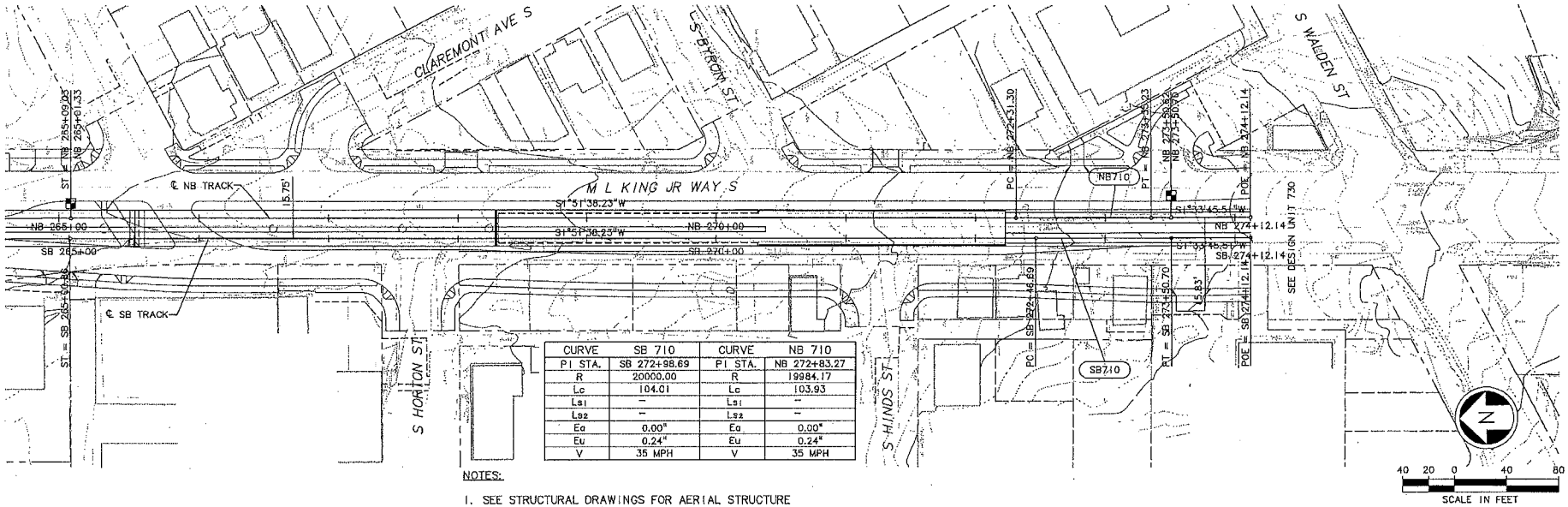
10/02/12 09:03 : bolleyl OE6584

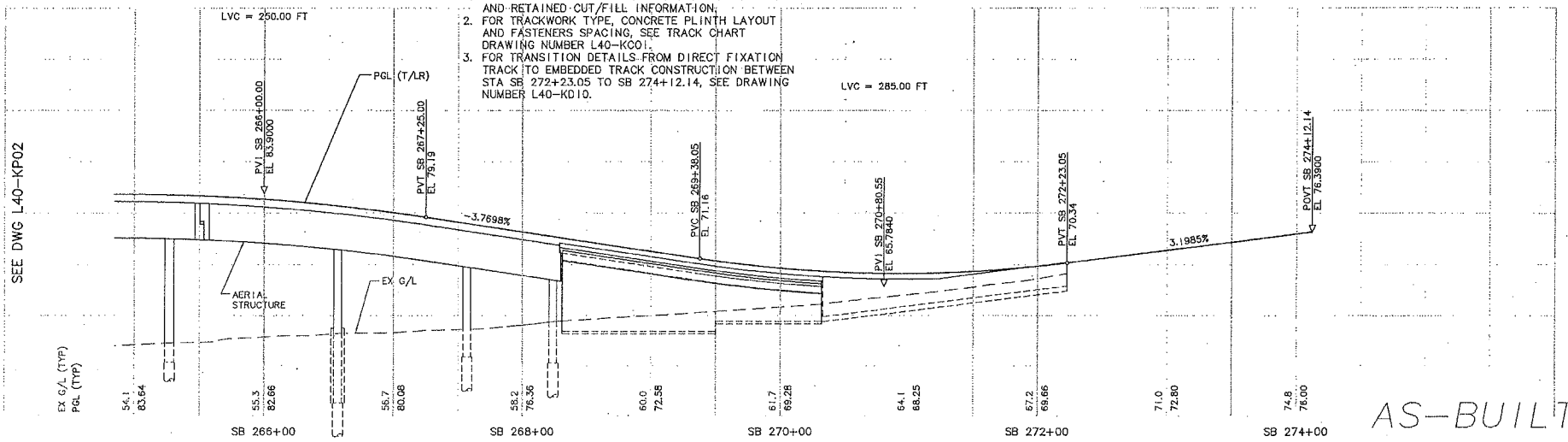
CITY CLERK



CURVE	SB 710	CURVE	NB 710
PI STA.	SB 272+98.69	PI STA.	NB 272+83.27
R	20000.00	R	19984.17
Lc	104.01	Lc	103.93
Ls1	–	Ls1	–
Ls2	–	Ls2	–
Ea	0.00"	Ea	0.00"
Eu	0.24"	Eu	0.24"
V	35 MPH	V	35 MPH

NOTES:

1. SEE STRUCTURAL DRAWINGS FOR AERIAL STRUCTURE AND RETAINED CUT/FILL INFORMATION.
2. FOR TRACKWORK TYPE, CONCRETE PLINTH LAYOUT AND FASTENERS SPACING, SEE TRACK CHART DRAWING NUMBER L40-KC01.
3. FOR TRANSITION DETAILS FROM DIRECT FIXATION TRACK TO EMBEDDED TRACK CONSTRUCTION BETWEEN STA SB 272+23.05 TO SB 274+12.14, SEE DRAWING NUMBER L40-KD10.



AS-BUILT

No.	Date	Dsn.	Chk.	App.	Revisions
A					AS-BUILT
0	06/28/04				ISSUED FOR CONSTRUCTION

City of Seattle
Work Order No.
Permit No. Y1431
SDOT:
Approved:
Inspector's Bank:
Received:
Revised As Built:

Designed By: A. D'SYLVA
Drawn By: A. D'SYLVA
Checked By: S. ANDERSON
Approved By: R. GRIEBENOW

BERGER/ABAM ENGINEERING INC.
2005 FIFTH AVENUE
THIRD FLOOR
SEATTLE, WASHINGTON
98121
VOICE: (206)374-9790
FAX: (206)374-9795

SOUNDTRANSIT

Submitted:	Date:	Approved:	Date:
R. GRIEBENOW	06/28/04	R. RUDOLPH	06/28/04

Scale: H: 1"=40'; V: 1"=10'
Filename: c20_L40_kp03.dwg
Contract No.: C 710
Date: 07/25/03

LINK LIGHT RAIL PROJECT
SOUTH CORRIDOR
AERIAL STRUCTURE
TRACK PLAN & PROFILE
SHEET 3 OF 3
STA SB 265+52 TO STA SB 274+12.14

Drawing No.: L40-KP03
Vault Plan No.: 231-710
Sheet No.: 70
Rev.: A

34206 FAULT SERIAL NO.

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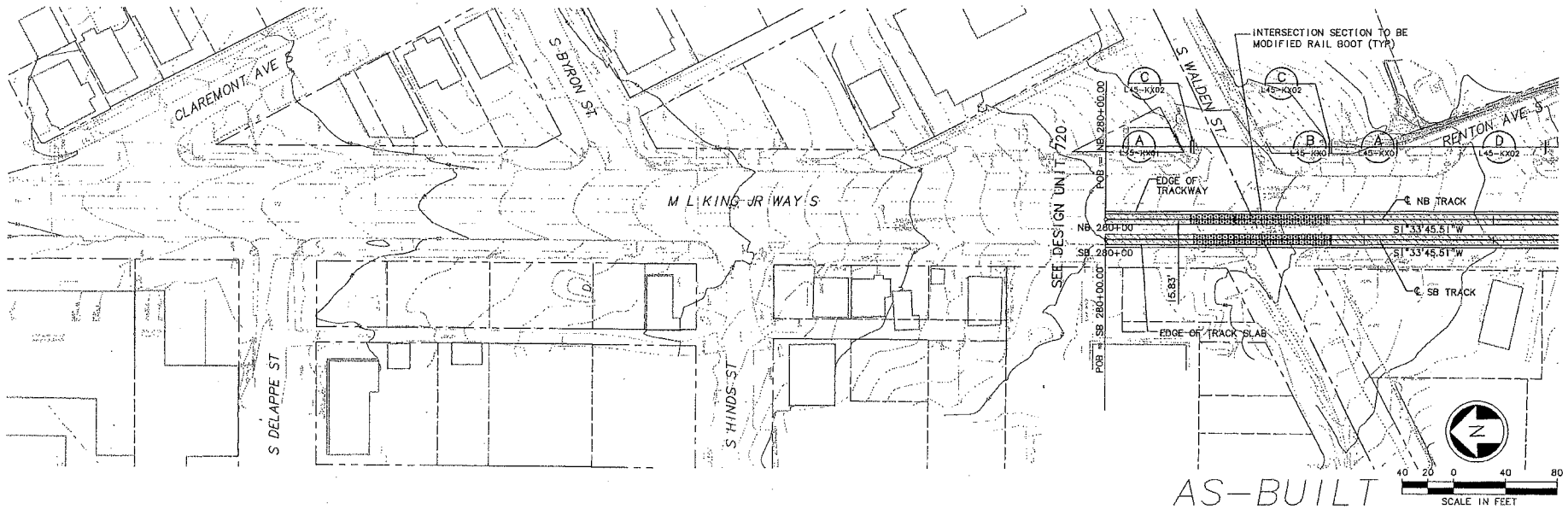
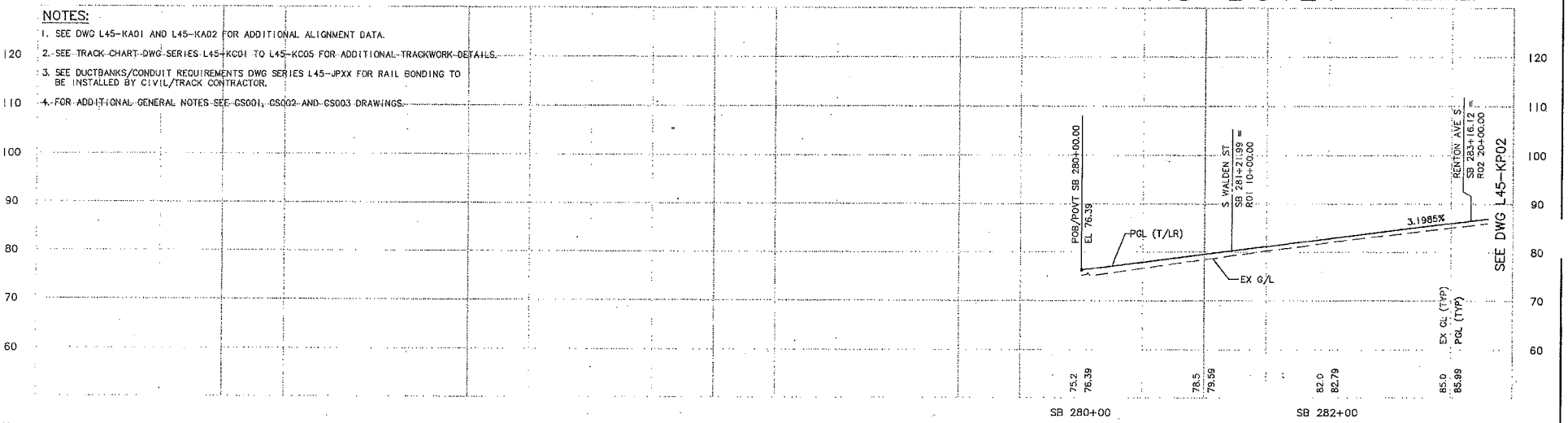
10/02/12 09:03 : baileyl OE6384

SEA CITY CLERK



NOTES:

1. SEE DWG L45-KA01 AND L45-KA02 FOR ADDITIONAL ALIGNMENT DATA.
2. SEE TRACK CHART DWG SERIES L45-KC01 TO L45-KC05 FOR ADDITIONAL TRACKWORK DETAILS.
3. SEE DUCTBANKS/CONDUIT REQUIREMENTS DWG SERIES L45-JPXX FOR RAIL BONDING TO BE INSTALLED BY CIVIL/TRACK CONTRACTOR.
4. FOR ADDITIONAL GENERAL NOTES SEE CS001, CS002 AND CS003 DRAWINGS.



No.	Date	Dsn.	Chk.	App.	Revisions
A	10/03/11				AS-BUILT
0	12/12/03				CONFORM

City of Seattle

Work Order No.
Permit No. Y1433
Approved:
Inspector's Book:
Received:
Revised As Built:
SDOT:

Designed By: A. LASKI
Drawn By: B. BOLIMA
Checked By: S. KINGSLEY
Approved By: B. SHINN

CH2MHILL
kpff Consulting Engineers
Submitted: S. KAMBOL Date: 12/12/03

SOUNDTRANSIT
Approved: T. RABEN Date: 12/12/03

Scale: H: 1"=40'; V: 1"=10'
Filename: C30_L45_KP01.DWG
Contract No.: C 735
Date: 05/30/03

LINK LIGHT RAIL PROJECT
SOUTH CORRIDOR

TRACK PLAN & PROFILE
STA SB 280+00 TO STA SB 283+00

Drawing No.: L45-KP01
Vault Plan No. 231-730
Sheet No.: 71
Rev.: A

34208
VAULT SERIAL NO.
DATE
MARK
NATURE
REVISIONS
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CHK'D
REV'D

c:\users\public\documents\work\735_asbuilts_dwg\730_asbuilt_dwg\C30_L45_KP01.DWG
09/15/11 08:51 : jacquemart1 HNY9VH1

DWG INFO.
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-Attach: 20-030020
-Overlay: C30_L45_KA
C30_A01_CA
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X116GR
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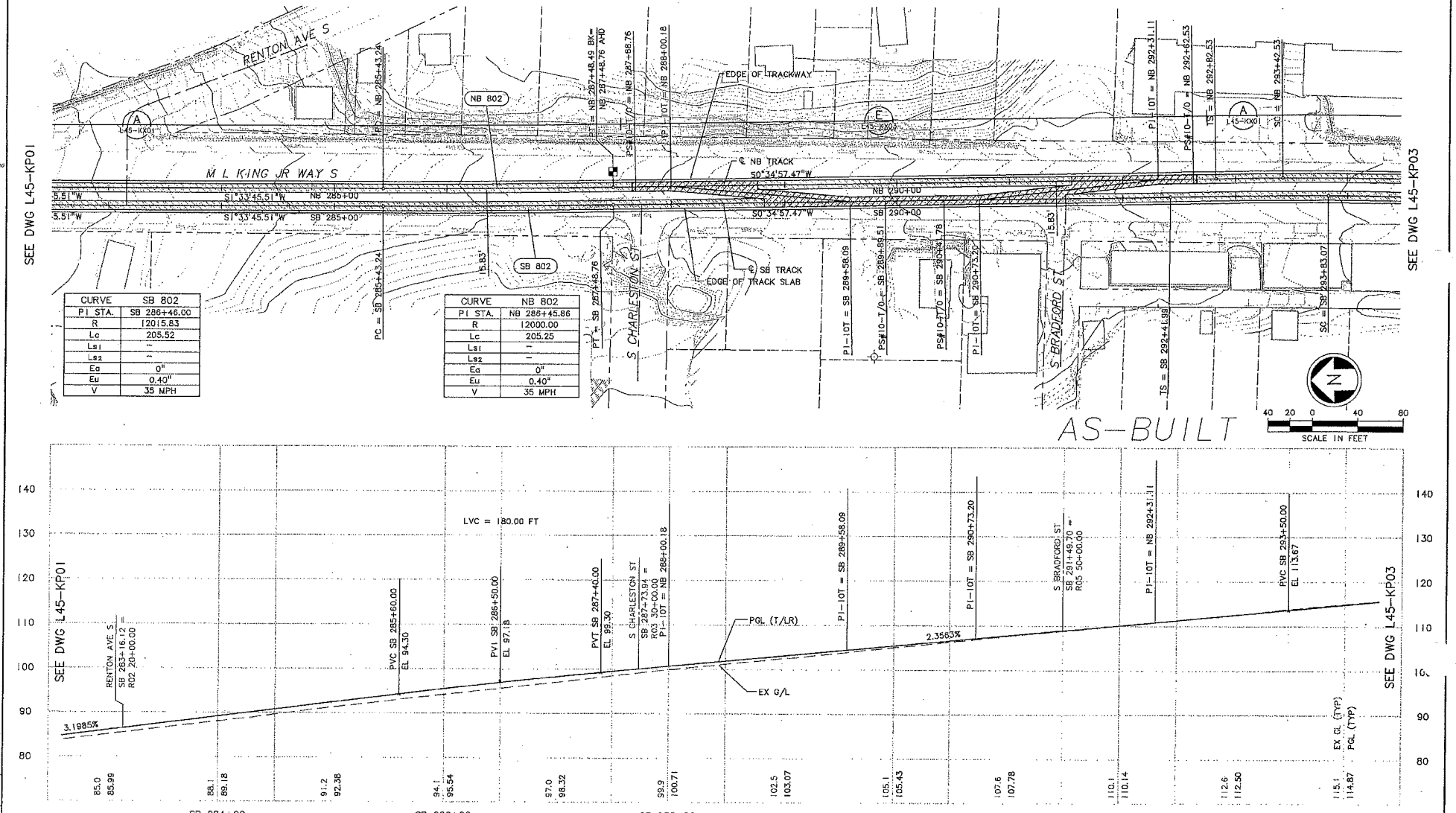
-Unresolved:

DRS CITY CLERK



CURVE	SB 802
PI STA.	SB 286+46.00
R	12015.83
Lc	205.52
Ls1	"
Ls2	"
Ea	0"
Eu	0.40"
V	35 MPH

CURVE	NB 802
PI STA.	NB 288+45.86
R	12000.00
Lc	205.25
Ls1	"
Ls2	"
Ea	0"
Eu	0.40"
V	35 MPH

No.	Date	Dsn.	Chk.	App.	Revisions
A	10/03/11				AS-BUILT
0	12/12/03				CONFORM

City of Seattle

Work Order No.
Permit No. Y1433
SDOT:

Approved:
Inspector's Book:
Received:
Revised As Built:

Designed By: A. LASKI
Drawn By: B. BOLIMA
Checked By: S. KINGSLEY
Approved By: B. SHINN

CH2MHILL

kpff Consulting Engineers

Submitted: S. KAMBOL Date: 12/12/03

SOUNDTRANSIT

Approved: T. RABEN Date: 12/12/03

Scale: H: 1"=40'; V: 1"=10'
Filename: C30_L45_KP02.DWG
Contract No.: C 735
Date: 05/30/03

LINK LIGHT RAIL PROJECT
SOUTH CORRIDOR

TRACK PLAN & PROFILE
STA SB 283+00 TO STA SB 294+00

Drawing No.: L45-KP02
Vault Plan No. 231-730
Sheet No.: 72 Rev.: A

34208

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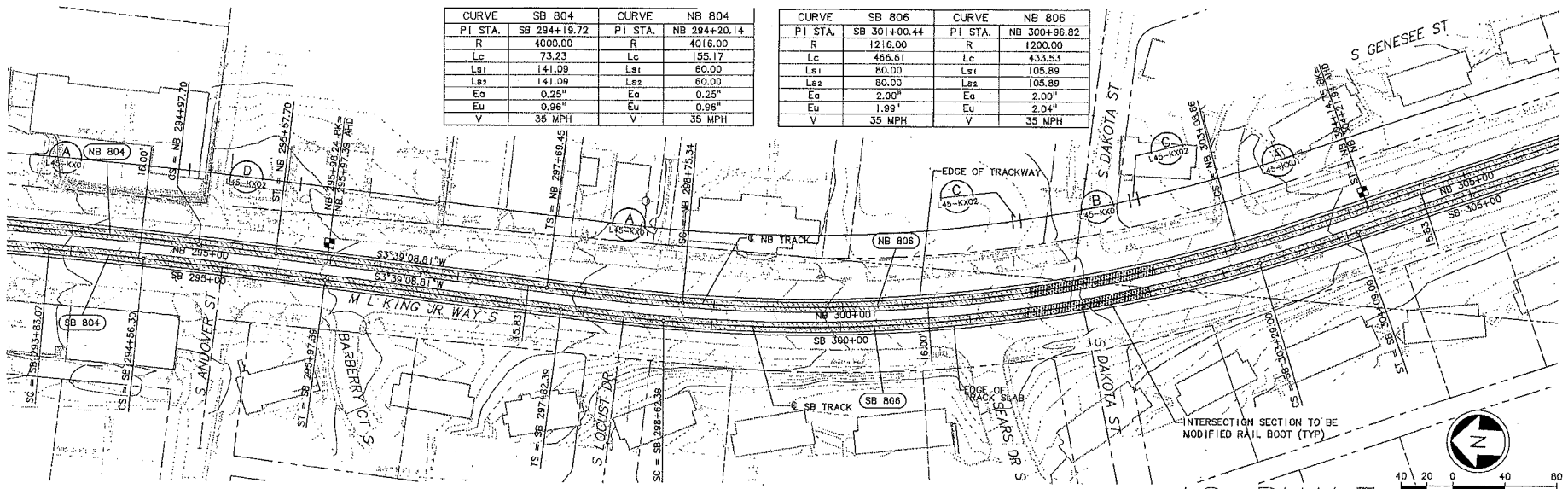
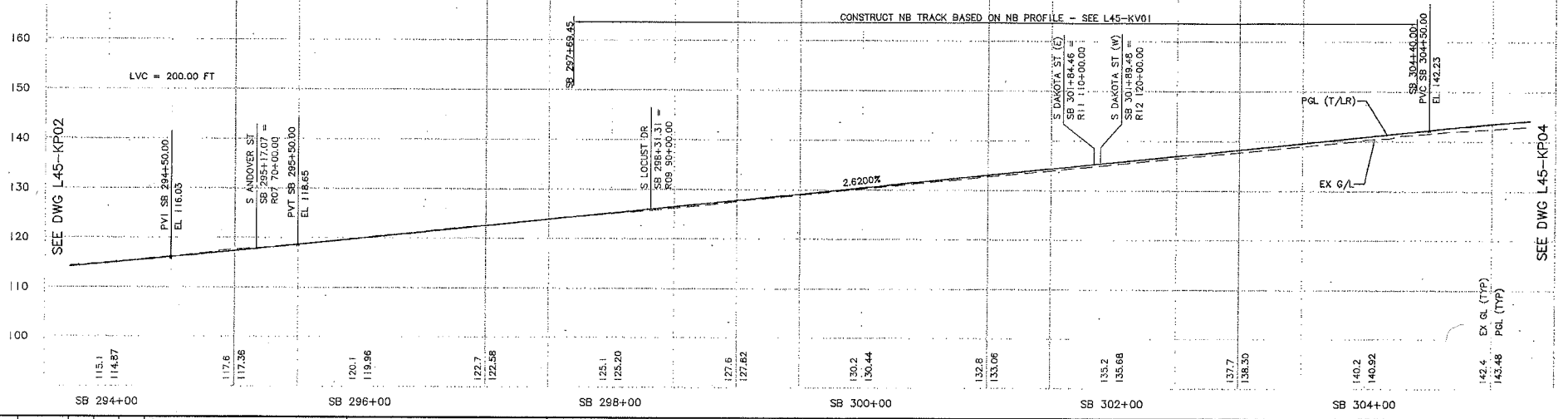
09/15/11 08:52 - lkrausmann1 HNY9VH1

CURVE	SB 804	CURVE	NB 804
PI STA.	SB 294+19.72	PI STA.	NB 294+20.14
R	4000.00	R	4016.00
Lc	73.23	Lc	155.17
Ls1	141.09	Ls1	60.00
Ls2	141.09	Ls2	60.00
Ea	0.25"	Ea	0.25"
Eu	0.96"	Eu	0.96"
V	35 MPH	V	35 MPH

CURVE	SB 806	CURVE	NB 806
PI STA.	SB 301+00.44	PI STA.	NB 300+96.82
R	1216.00	R	1200.00
Lc	466.61	Lc	433.53
Ls1	80.00	Ls1	105.89
Ls2	80.00	Ls2	105.89
Ea	2.00"	Ea	2.00"
Eu	1.99"	Eu	2.04"
V	35 MPH	V	35 MPH





No.	Date	Dsn.	Chk.	App.	Revisions
A	10/03/11				AS-BUILT
0	12/12/03				CONFORM

City of Seattle

Work Order No.
Permit No. Y1433
Approved:
Inspector's Book:
Received:
Revised As Built:
SDOT:

Designed By: A. LASKI
Drawn By: B. BOLIMA
Checked By: S. KINGSLEY
Approved By: B. SHINN

CH2MHILL
kpff Consulting Engineers
Submitted: S. KAMBOL Date: 12/12/03

SOUNDTRANSIT
Approved: T. RABEN Date: 12/12/03

Scale: H: 1"=40'; V: 1"=10'
Filename: C30_L45_KP03.DWG
Contract No.: C 735
Date: 05/30/03

LINK LIGHT RAIL PROJECT
SOUTH CORRIDOR

TRACK PLAN & PROFILE
STA SB 294+00 TO STA SB 305+00

Drawing No.: L45-KP03
Vault Plan No. 231-730
Sheet No.: 73 Rev.: A

34208
VAULT SERIAL NO. L45_KP03.DWG
DATE MARK NATURE REVISIONS MADE CHK'D REV'D

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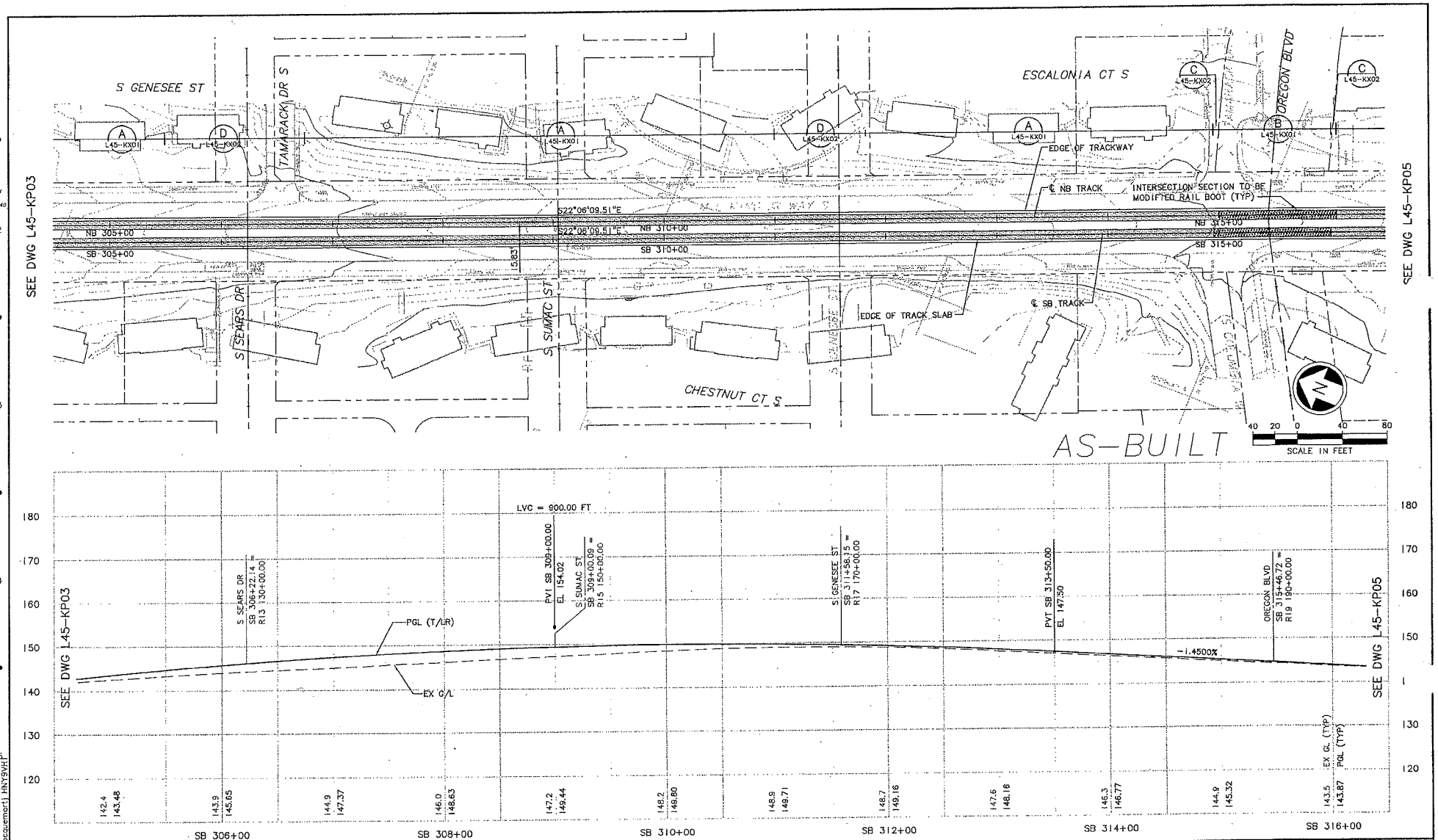
09/15/11 08:52 : jacquemart| HNY9VH1

DIS CITY CLERK



No.	Date	Dsn.	Chk.	App.	Revisions
A	10/03/11				AS-BUILT
0	12/12/03				CONFORM

City of Seattle

Work Order No. | Approved:
Permit No. Y1433 | Inspector's Book:
Received:
Revised As Built:
SDOT:

Designed By: A. LASKI
Drawn By: B. BOLIMA
Checked By: S. KINGSLEY
Approved By: B. SHINN

CH2MHILL
kpff Consulting Engineers
Submitted: S. KAMBOL Date: 12/12/03

SOUNDTRANSIT
Approved: T. RABEN Date: 12/12/03

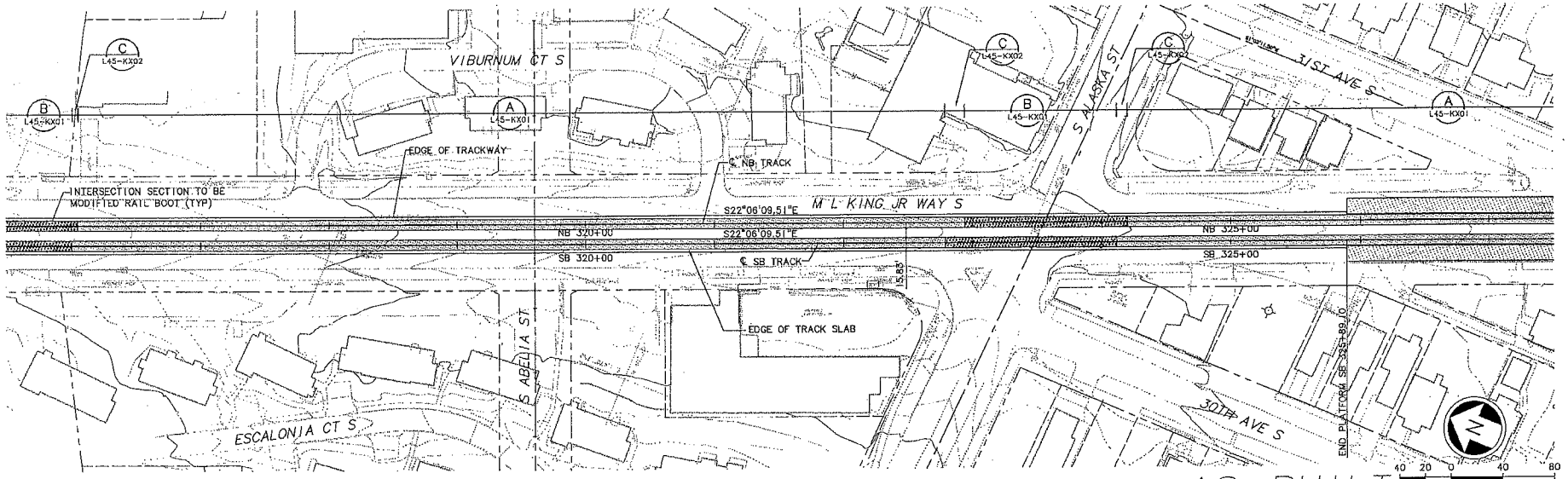
Scale: H: 1"=40'; V: 1"=10'
Filename: C30_L45_KP04.DWG
Contract No.: C 735
Date: 05/30/03

LINK LIGHT RAIL PROJECT
SOUTH CORRIDOR

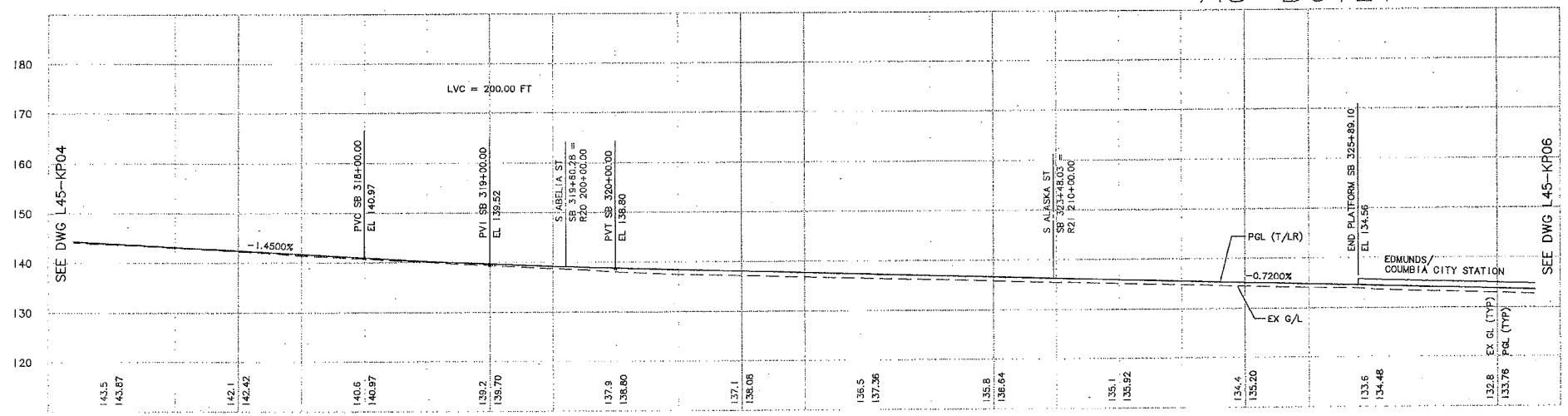
TRACK PLAN & PROFILE
STA SB 305+00 TO STA SB 316+00

Drawing No.: L45-KP04
Vault Plan No.: 231-730
Sheet No.: 74 Rev.: A

34208



AS-BUILT



No.	Date	Des.	Chk.	App.	Revisions
A	10/03/11				AS-BUILT
0	12/12/03				CONFORM

City of Seattle
Work Order No.
Permit No. Y1433
Approved:
Inspector's Book:
Received:
Revised As Built:
SDOT:

Designed By: A. LASKI
Drawn By: B. BOLIMA
Checked By: S. KINGSLEY
Approved By: B. SHINN

CH2MHILL
kpff Consulting Engineers
Submitted: S. KAMBOL Date: 12/12/03

SOUNDTRANSIT
Approved: T. RABEN Date: 12/12/03

Scale: H: 1"=40'; V: 1"=10'
Filename: C30_L45_KP05.DWG
Contract No.: C 735
Date: 05/30/03

LINK LIGHT RAIL PROJECT
SOUTH CORRIDOR
TRACK PLAN & PROFILE
STA SB 316+00 TO STA SB 327+00

Drawing No.: L45-KP05
Vault Plan No.: 231-730
Sheet No.: 75
Rev.: A

34208 VAULT SERIAL NO.

NO.	DATE	MARK	NATURE	REVISIONS	MADE CHK'D REV'D

DWG_INFO.
LISCALE:
(=1
XREFs:
-Attach:
2G-G70020
-Overlay:
C30_L45_KA
C30_R20_CA
C30_R21_CA
C30_R22_CA
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X118GR
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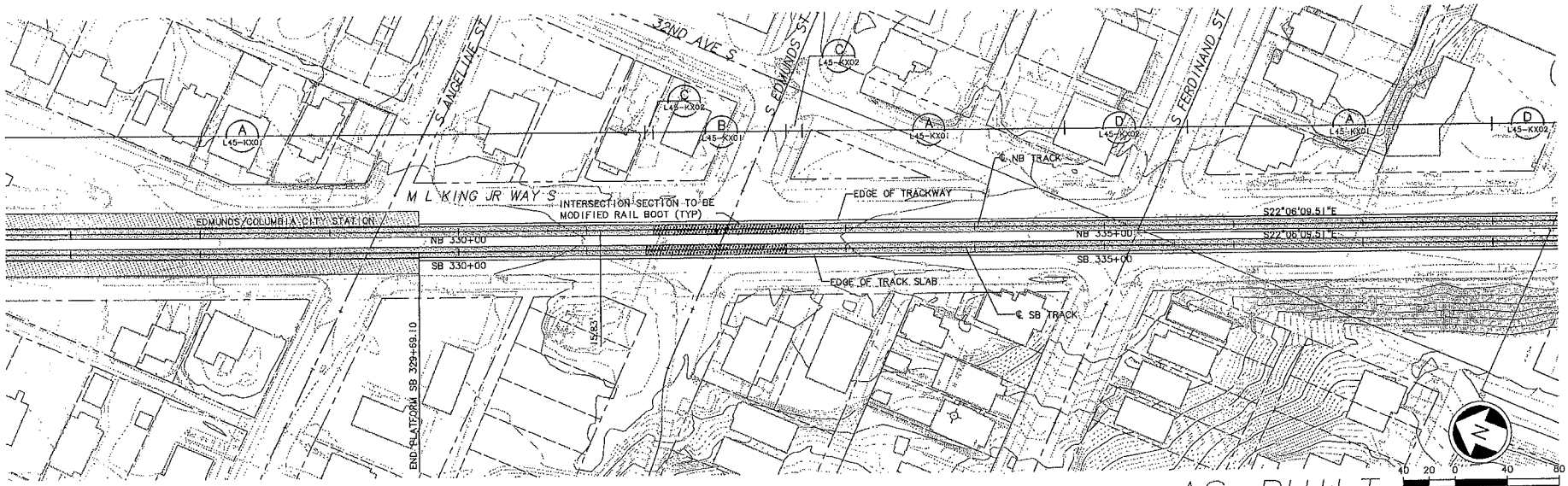
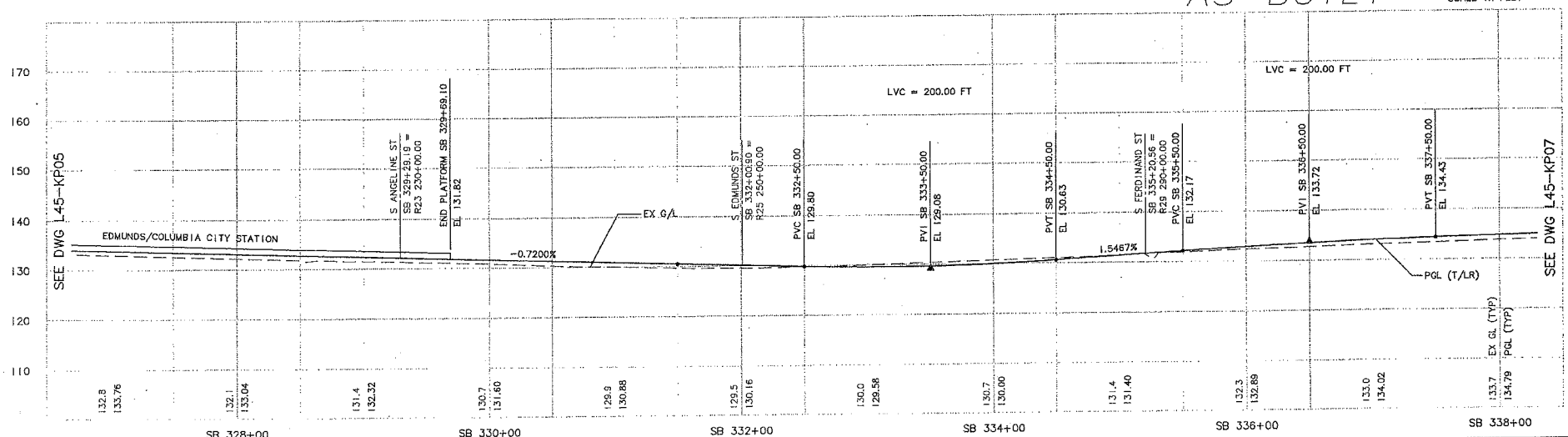
ST_NAMES_C20

c:\users\public\documents\work\735_asbuilts_dwg\730_asbuilt_dwg\C30_L45_KP05.DWG
09/15/11 08:53 jscavenius HAYSVHT





No.	Date	Dsn.	Chk.	App.	Revisions
A	10/03/11				AS-BUILT
0	12/12/03				CONFORM

City of Seattle

Work Order No. | Approved:
Permit No. Y1433 | Inspector's Book:
Received:
Revised As Built:
SDOT:

Designed By: A. LASKI
Drawn By: B. BOLIMA
Checked By: S. KINGSLEY
Approved By: B. SHINN

CH2MHILL
kpff Consulting Engineers
Submitted: S. KAMBOL Date: 12/12/03

SOUNDTRANSIT
Approved: T. RABEN Date: 12/12/03

Scale: H: 1"=40'; V: 1"=10'
Filename: C30_L45_KP06.DWG
Contract No.: C 735
Date: 05/30/03

LINK LIGHT RAIL PROJECT
SOUTH CORRIDOR

TRACK PLAN & PROFILE
STA SB 327+00 TO STA SB 338+00

Drawing No.: L45-KP06
Vault Plan No.: 231-730
Sheet No.: 76 Rev.: A

34208

c:\users\public\documents\work\735_asbuilts_dwg\730_asbuilt_dwg\C30_L45_KP06.DWG
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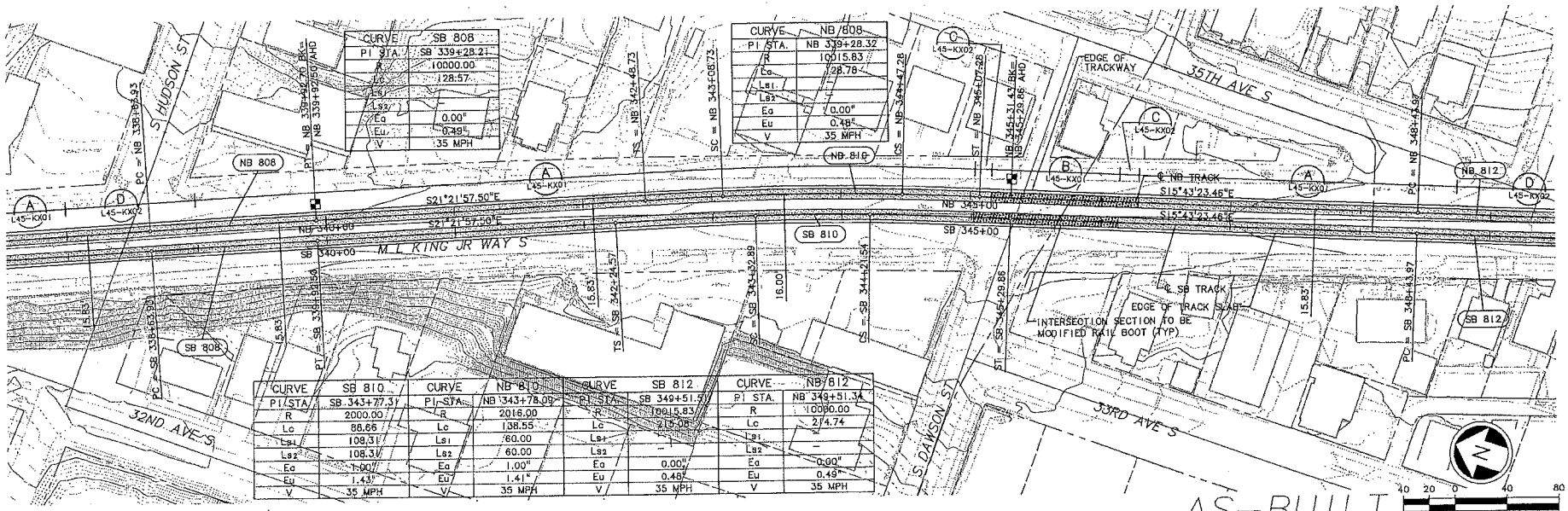
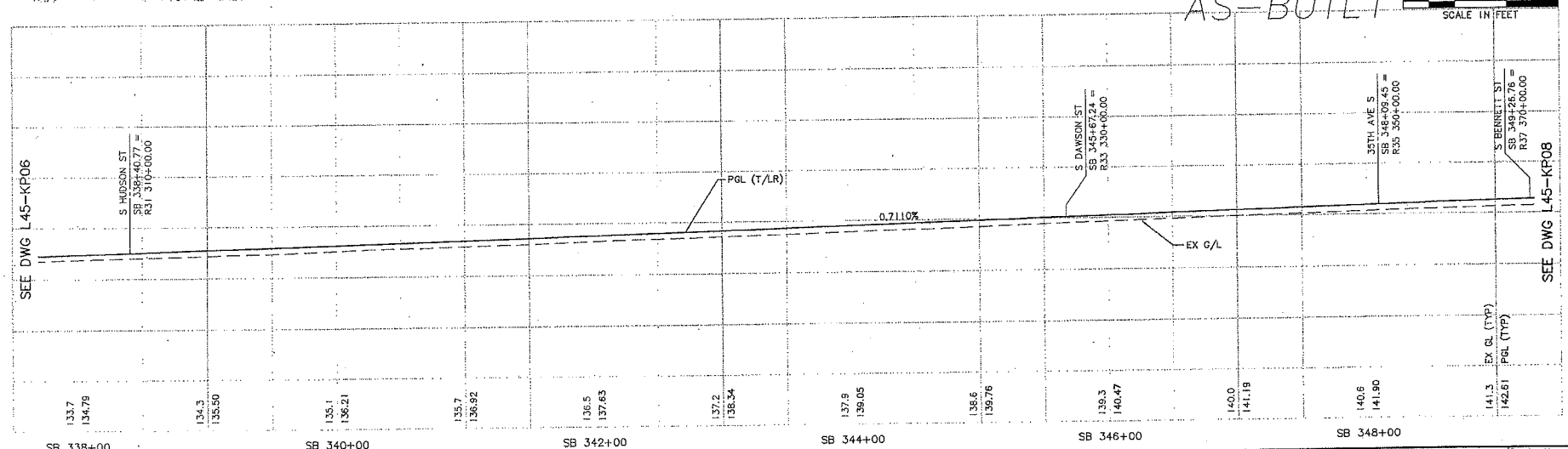


CURVE	SB 808
PI STA.	SB 339+28.21
R	10000.00
Lc	128.57
Ls1	
Ls2	
Ea	0.00"
Eu	0.49"
V	35 MPH

CURVE	NB 808
PI STA.	NB 339+28.32
R	10015.83
Lc	128.78
Ls1	
Ls2	
Ea	0.00"
Eu	0.48"
V	35 MPH

CURVE	SB 810	CURVE	NB 810	CURVE	SB 812	CURVE	NB 812
PI STA.	SB 343+77.31	PI STA.	NB 343+78.09	PI STA.	SB 349+51.51	PI STA.	NB 349+51.34
R	2000.00	R	2016.00	R	10015.83	R	10000.00
Lc	88.66	Lc	138.55	Lc	215.08	Lc	214.74
Ls1	108.31	Ls1	60.00	Ls1		Ls1	
Ls2	108.31	Ls2	60.00	Ls2		Ls2	
Ea	1.00"	Ea	1.00"	Ea	0.00"	Ea	0.00"
Eu	1.43"	Eu	1.41"	Eu	0.48"	Eu	0.49"
V	35 MPH	V	35 MPH	V	35 MPH	V	35 MPH



No.	Date	Dsn.	Chk.	App.	Revisions
A	10/03/11				AS-BUILT
0	12/12/03				CONFORM

City of Seattle

Work Order No.
Permit No. Y1433
Approved:
Inspector's Book:
Received:
Revised As Built:
SDOT:

Designed By: A. LASKI
Drawn By: B. BOLIMA
Checked By: S. KINGSLEY
Approved By: B. SHINN

CH2MHILL
kpff Consulting Engineers
Submitted: S. KAMBOL Date: 12/12/03

SOUNDTRANSIT
Approved: T. RABEN Date: 12/12/03

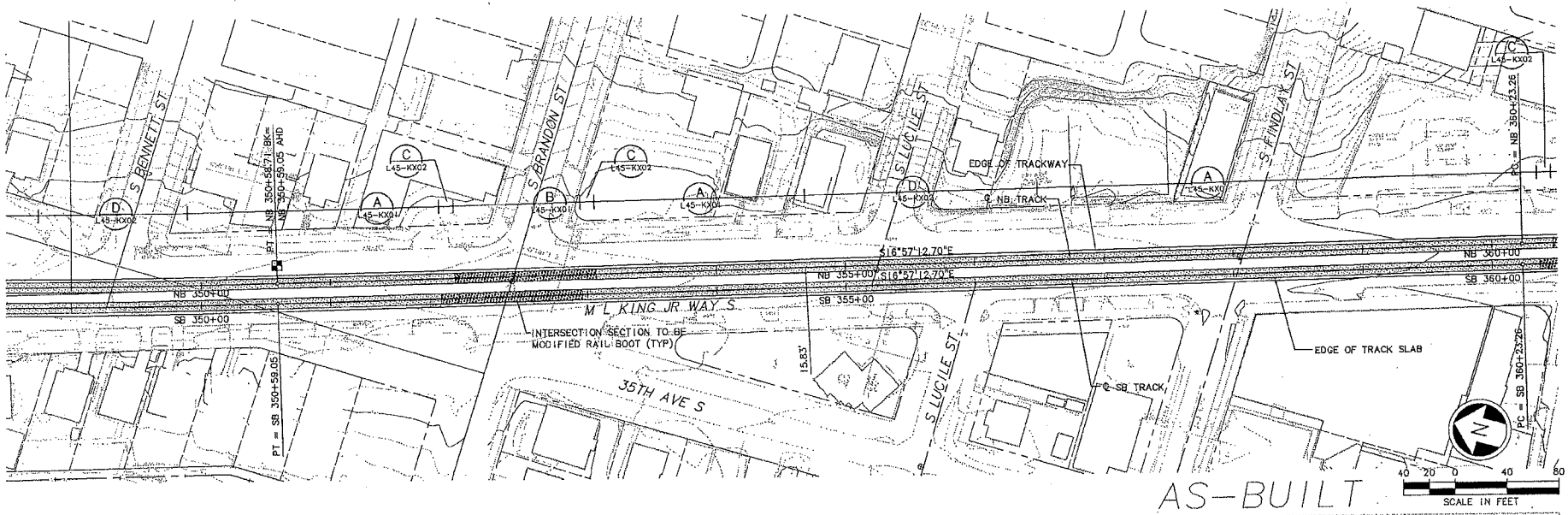
Scale: H: 1"=40'; V: 1"=10'
Filename: C30_L45_KP07.DWG
Contract No.: C 735
Date: 05/30/03

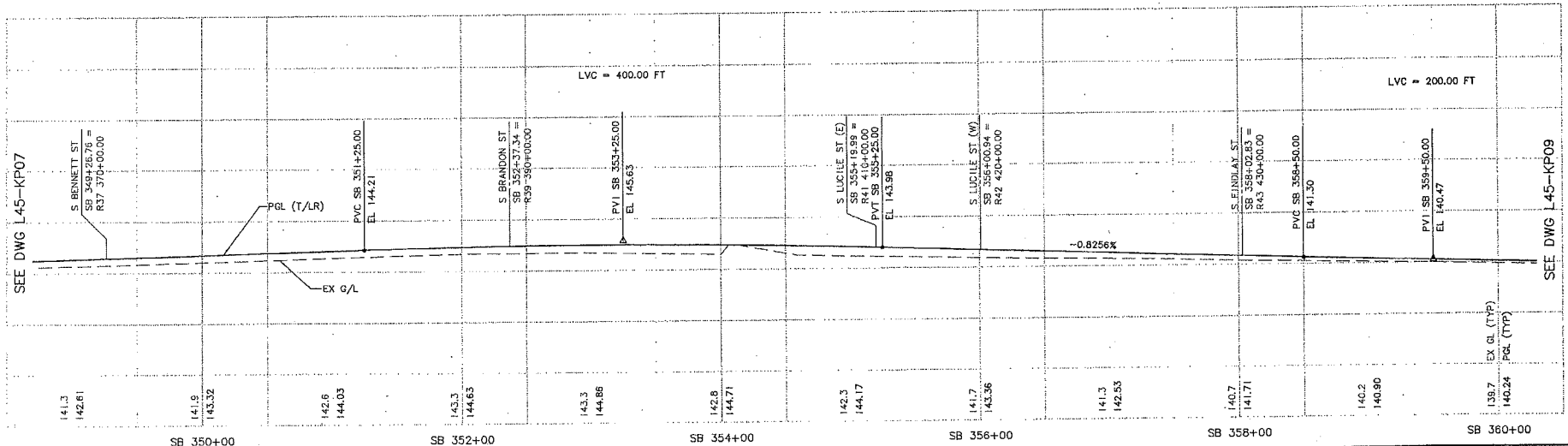
LINK LIGHT RAIL PROJECT
SOUTH CORRIDOR

TRACK PLAN & PROFILE
STA SB 338+00 TO STA SB 349+00

Drawing No.: L45-KP07
Vault Plan No. 231-730
Sheet No.: 77
Rev.: A

34208
VAULT SERIAL NO. | DATE | MARK | NATURE | MADE | CHK'D | REV'D
REVISIONS
L45_KP07.DWG
c:\users\public\documents\work\735_asbuilts_dwg\730_asbuilt_dwg\C30_L45_KP07.DWG
09/15/11 08:54 : jacquemart| HNY9VH|





No.	Date	Dsn.	Chk.	App.	Revisions
A	10/03/11				AS-BUILT
0	12/12/03				CONFORM

City of Seattle

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Permit No. Y1433
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Designed By: A. LASKI
Drawn By: B. BOLIMA
Checked By: S. KINGSLEY
Approved By: B. SHINN

CH2MHILL
kpff Consulting Engineers
Submitted: S. KAMBOL Date: 12/12/03

SOUNDTRANSIT
Approved: T. RABEN Date: 12/12/03

Scale: H: 1"=40'; V: 1"=10'
Filename: C30_L45_KP08.DWG
Contract No.: C 735
Date: 05/30/03

LINK LIGHT RAIL PROJECT
SOUTH CORRIDOR

TRACK PLAN & PROFILE
STA SB 349+00 TO STA SB 360+00

Drawing No.: L45-KP08
Vault Plan No. 231-730
Sheet No.: 78 Rev.: A

34208
VAULT SERIAL NO. L45_KP08.DWG
DATE MARK NATURE REVISIONS MADE CHK'D REV'D

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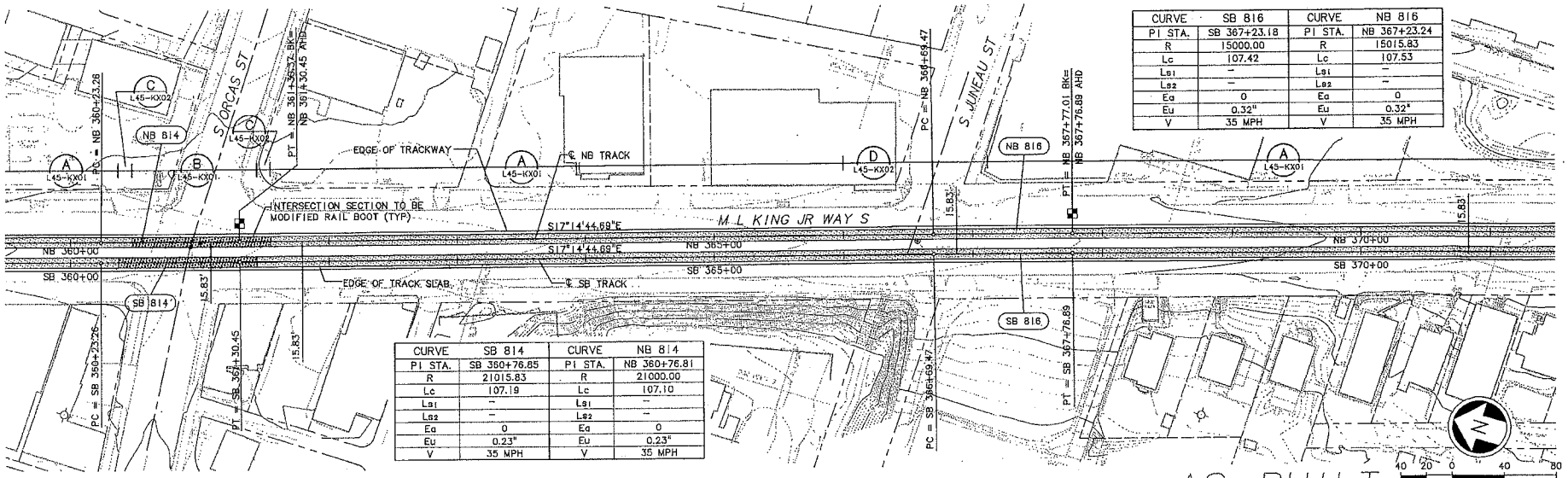
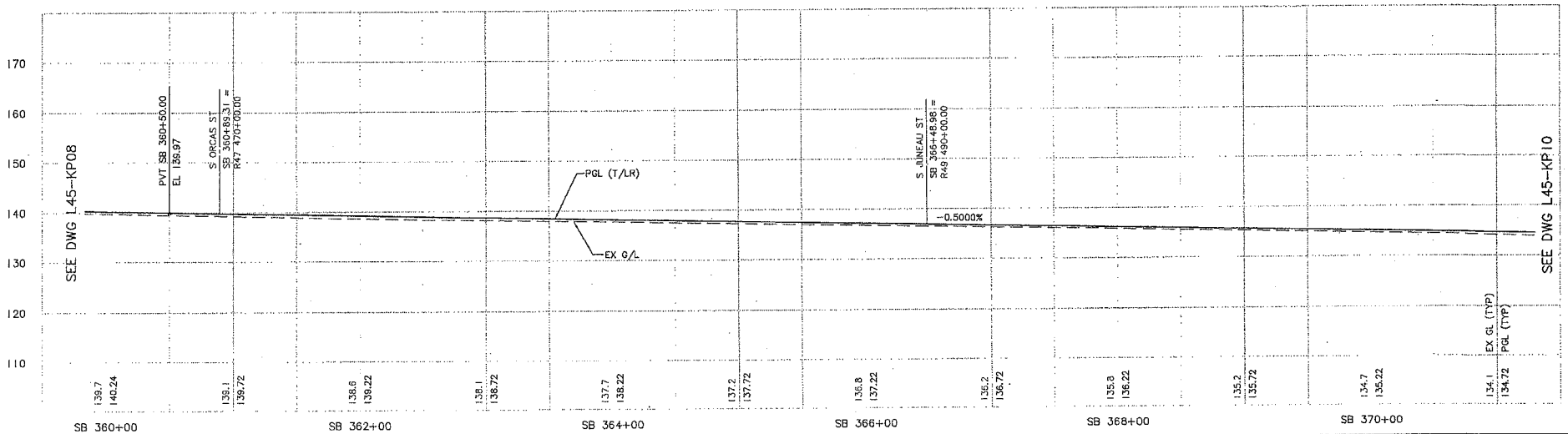


CURVE	SB 816	CURVE	NB 816
PI STA.	SB 367+23.18	PI STA.	NB 367+23.24
R	15000.00	R	15015.83
Lc	107.42	Lc	107.53
Ls1	–	Ls1	–
Ls2	–	Ls2	–
Ea	0	Ea	0
Eu	0.32"	Eu	0.32"
V	35 MPH	V	35 MPH

CURVE	SB 814	CURVE	NB 814
PI STA.	SB 360+76.85	PI STA.	NB 360+76.81
R	21015.83	R	21000.00
Lc	107.19	Lc	107.10
Ls1	–	Ls1	–
Ls2	–	Ls2	–
Ea	0	Ea	0
Eu	0.23"	Eu	0.23"
V	35 MPH	V	35 MPH



No.	Date	Dsn.	Chk.	App.	Revisions
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0	12/12/03				CONFORM

City of Seattle

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Permit No. Y1433
Approved:
Inspector's Book:
Received:
Revised As Built:
SDOT:

Designed By: A. LASKI
Drawn By: B. BOLIMA
Checked By: S. KINGSLEY
Approved By: B. SHINN

CH2MHILL
kpff Consulting Engineers
Submitted: S. KAMBOL Date: 12/12/03

SOUNDTRANSIT
Approved: T. RABEN Date: 12/12/03

Scale: H: 1"=40'; V: 1"=10'
Filename: C30_L45_KP09.DWG
Contract No.: C 735
Date: 05/30/03

LINK LIGHT RAIL PROJECT
SOUTH CORRIDOR

TRACK PLAN & PROFILE
STA SB 360+00 TO STA SB 371+00

Drawing No.: L45-KP09
Vault Plan No. 231-730
Sheet No.: 79 Rev.: A

34208
VAULT SERIAL NO. L45_KP09.DWG
DATE MARK NATURE REVISIONS MADE CHK'D REV'D

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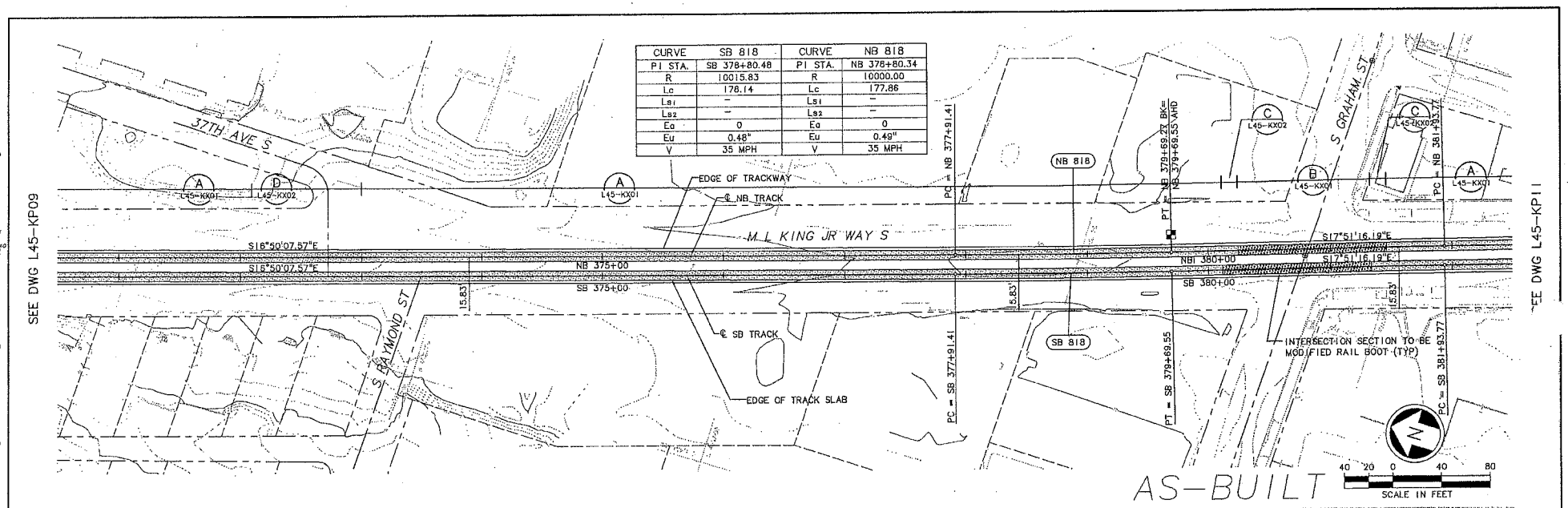
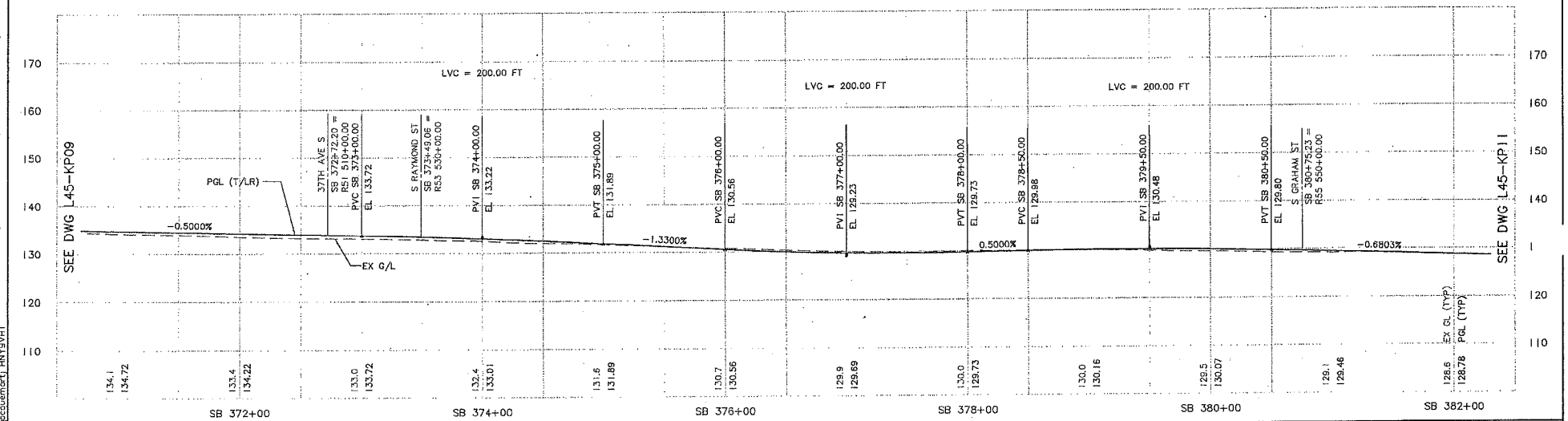
09/15/11 08:56 : jacquemortj HNY9VH1





No.	Date	Dsn.	Chk.	App.	Revisions
A	10/03/11				AS-BUILT
0	12/12/03				CONFORM

City of Seattle
Work Order No.
Permit No. Y1433
Approved:
Inspector's Book:
Received:
Revised As Built:
SDOT:

Designed By: A. LASKI
Drawn By: B. BOLIMA
Checked By: S. KINGSLEY
Approved By: B. SHINN

CH2MHILL
kpff Consulting Engineers
Submitted: S. KAMBOL Date: 12/12/03

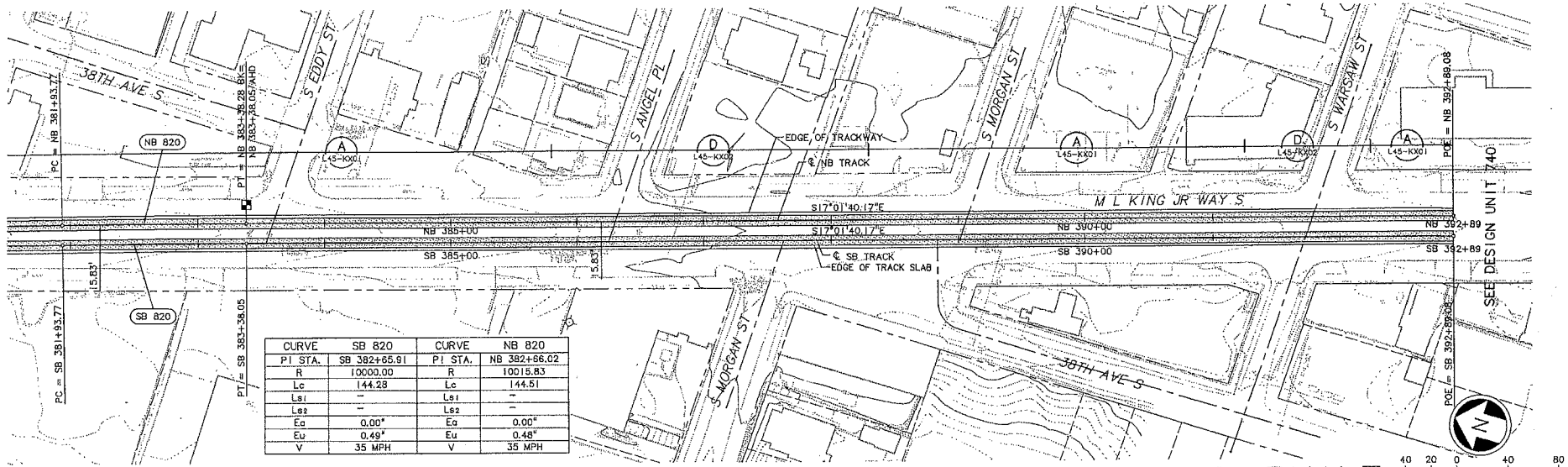
SOUNDTRANSIT
Approved: T. RABEN Date: 12/12/03

Scale: H: 1"=40'; V: 1"=10'
Filename: C30_L45_KP10.DWG
Contract No.: C 735
Date: 05/30/03

LINK LIGHT RAIL PROJECT
SOUTH CORRIDOR
TRACK PLAN & PROFILE
STA SB 371+00 TO STA SB 382+00

Drawing No.: L45-KP10
Vault Plan No.: 231-730
Sheet No.: 80
Rev.: A

34208



CURVE	SB 820	CURVE	NB 820
PI STA.	SB 382+65.91	PI STA.	NB 382+66.02
R	10000.00	R	10015.83
Lc	144.28	Lc	144.51
Ls1	–	Ls1	–
Ls2	–	Ls2	–
Ea	0.00"	Ea	0.00"
Eu	0.49"	Eu	0.48"
V	35 MPH	V	35 MPH

No.	Date	Dsn.	Chk.	App.	Revisions
A	10/03/11				AS-BUILT
0	12/12/03				CONFORM

City of Seattle
Work Order No.
Permit No. Y1433
Approved:
Inspector's Book:
Received:
Revised As Built:
SDOT:

Designed By: A. LASKI
Drawn By: B. BOLIMA
Checked By: S. KINGSLEY
Approved By: B. SHINN

CH2MHILL
kpff Consulting Engineers
Submitted: S. KAMBOL Date: 12/12/03

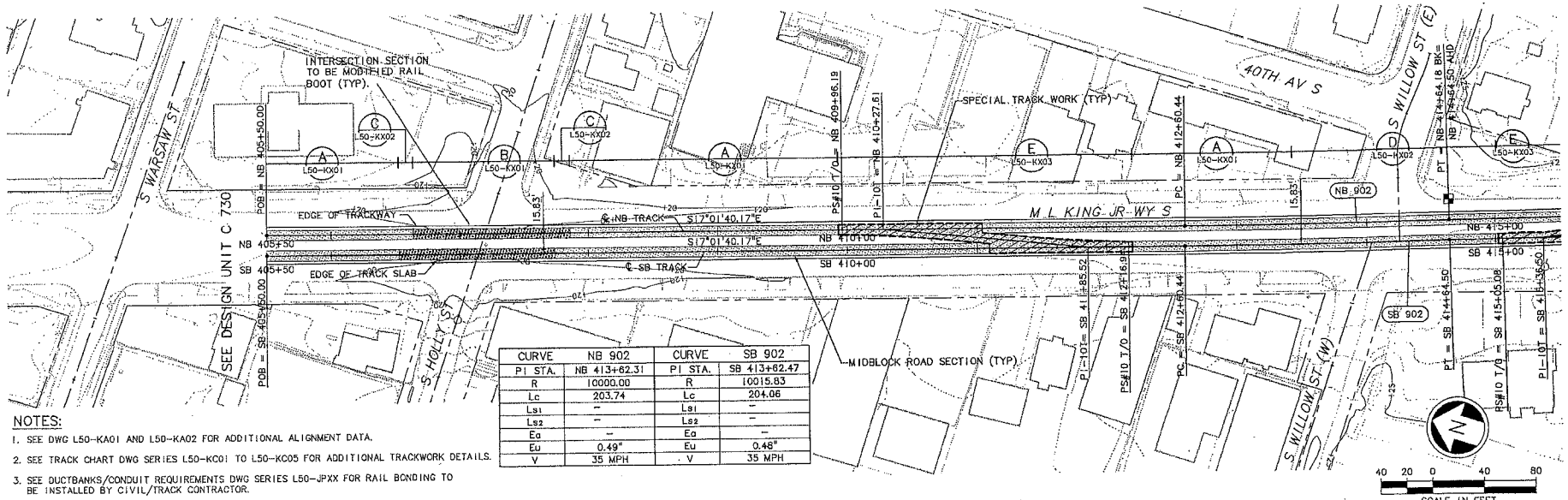
SOUNDTRANSIT
Approved: T. RABEN Date: 12/12/03

Scale: H: 1"=40'; V: 1"=10'
Filename: C30_L45_KP11.DWG
Contract No.: C 735
Date: 05/30/03

LINK LIGHT RAIL PROJECT
SOUTH CORRIDOR
TRACK PLAN & PROFILE
STA SB 382+00 TO STA SB 392+89.08

Drawing No.: L45-KP11
Vault Plan No. 231-730
Sheet No.: 81 Rev.: A

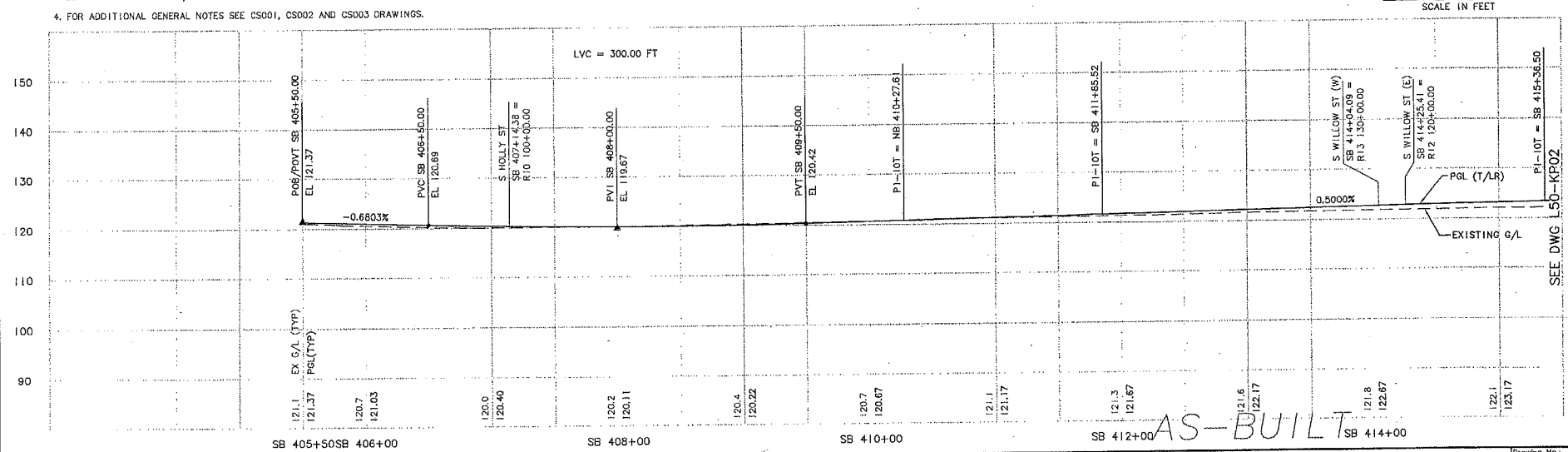
34208



CURVE	NB 902	CURVE	SB 902
PI STA.	NB 413+62.31	PI STA.	SB 413+62.47
R	10000.00	R	10015.83
Lc	203.74	Lc	204.06
Ls1	–	Ls1	–
Ls2	–	Ls2	–
Eq	–	Eq	–
Eu	0.49"	Eu	0.48"
V	35 MPH	V	35 MPH

NOTES:

1. SEE DWG L50-KA01 AND L50-KA02 FOR ADDITIONAL ALIGNMENT DATA.
2. SEE TRACK CHART DWG SERIES L50-KC01 TO L50-KC05 FOR ADDITIONAL TRACKWORK DETAILS.
3. SEE DUCTBANKS/CONDUIT REQUIREMENTS DWG SERIES L50-JPXX FOR RAIL BONDING TO BE INSTALLED BY CIVIL/TRACK CONTRACTOR.
4. FOR ADDITIONAL GENERAL NOTES SEE CS001, CSD02 AND CS003 DRAWINGS.



No.	Date	Dsn.	Chk.	App.	Revisions
A	10/03/11				AS-BUILT
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City of Seattle
Work Order No.
Permit No. Y1434
SDOT:
Approved:
Inspector's Book:
Received:
Revised As Built:

Designed By: A. LASKI
Drawn By: B. BOLIMA
Checked By: S. KINGSLEY
Approved By: B. SHINN

CH2MHILL
kpff Consulting Engineers
Submitted: S. KAMBOL Date: 12/12/03

SOUNDTRANSIT
Approved: T. RABEN Date: 12/12/03

Scale: H: 1"=40'; V: 1"=10'
Filename: C40_L50_KP02.DWG
Contract No.: C 735
Date: 05/30/03

LINK LIGHT RAIL PROJECT
SOUTH CORRIDOR

TRACK PLAN & PROFILE
STA SB 405+50 TO STA SB 415+00

Drawing No.: L50-KP02
Vault Plan No.: 231-740
Sheet No.: 82
Rev.: A

34209 VAULT SERIAL NO. L50_KP02.DWG

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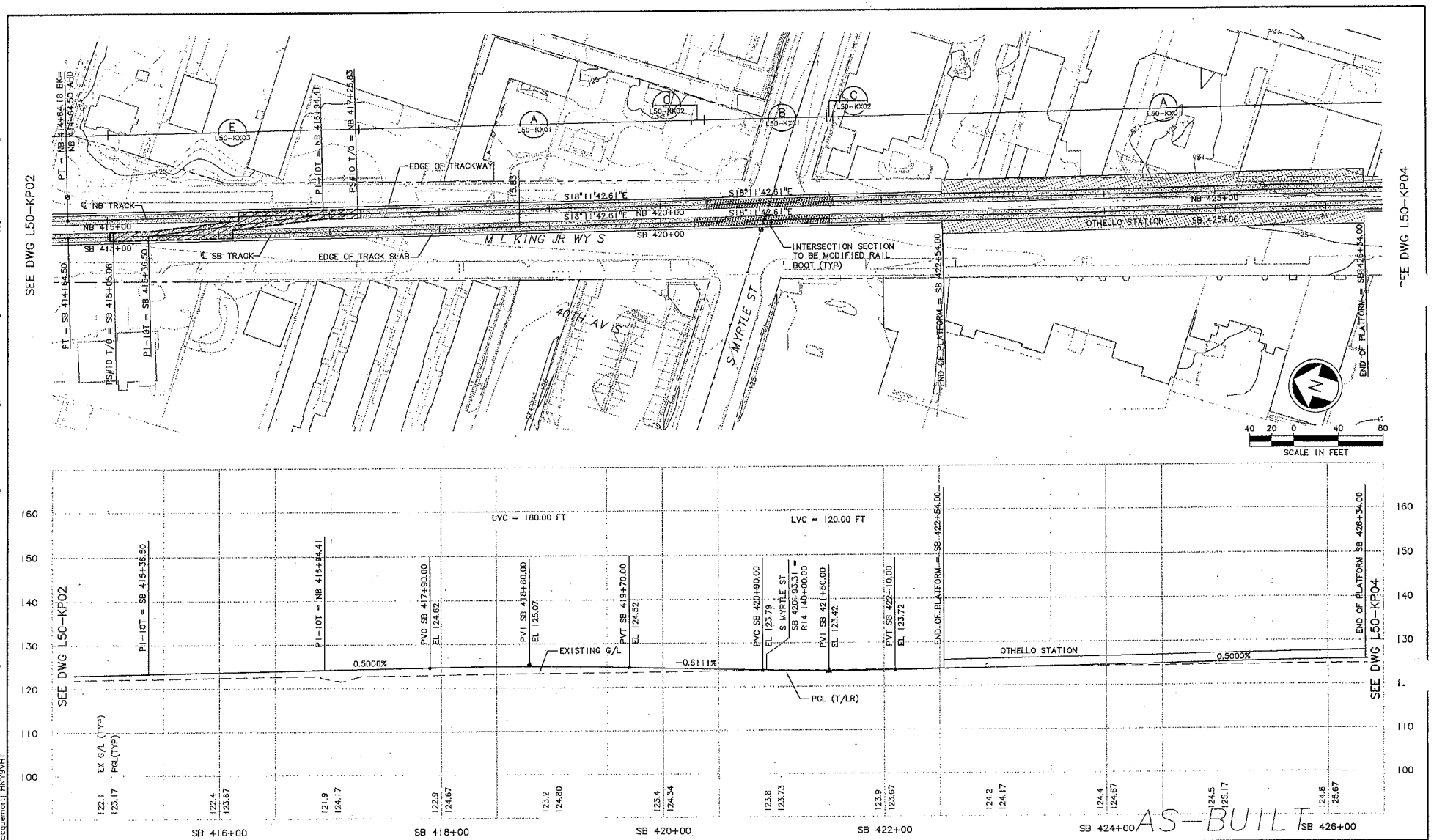

No.	Date	Den.	Chk.	App.	Revisions
A	10/03/11				AS-BUILT
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City of Seattle

Work Order No. | Approved:
Permit No. Y1434 | Inspector's Book:
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SDOT:

Designed By: A. LASKI
Drawn By: B. BOLIMA
Checked By: S. KINGSLEY
Approved By: B. SHINN

CH2MHILL
kpff Consulting Engineers
Submitted: S. KAMBOL Date: 12/12/03

SOUNDTRANSIT
Approved: T. RABEN Date: 12/12/03

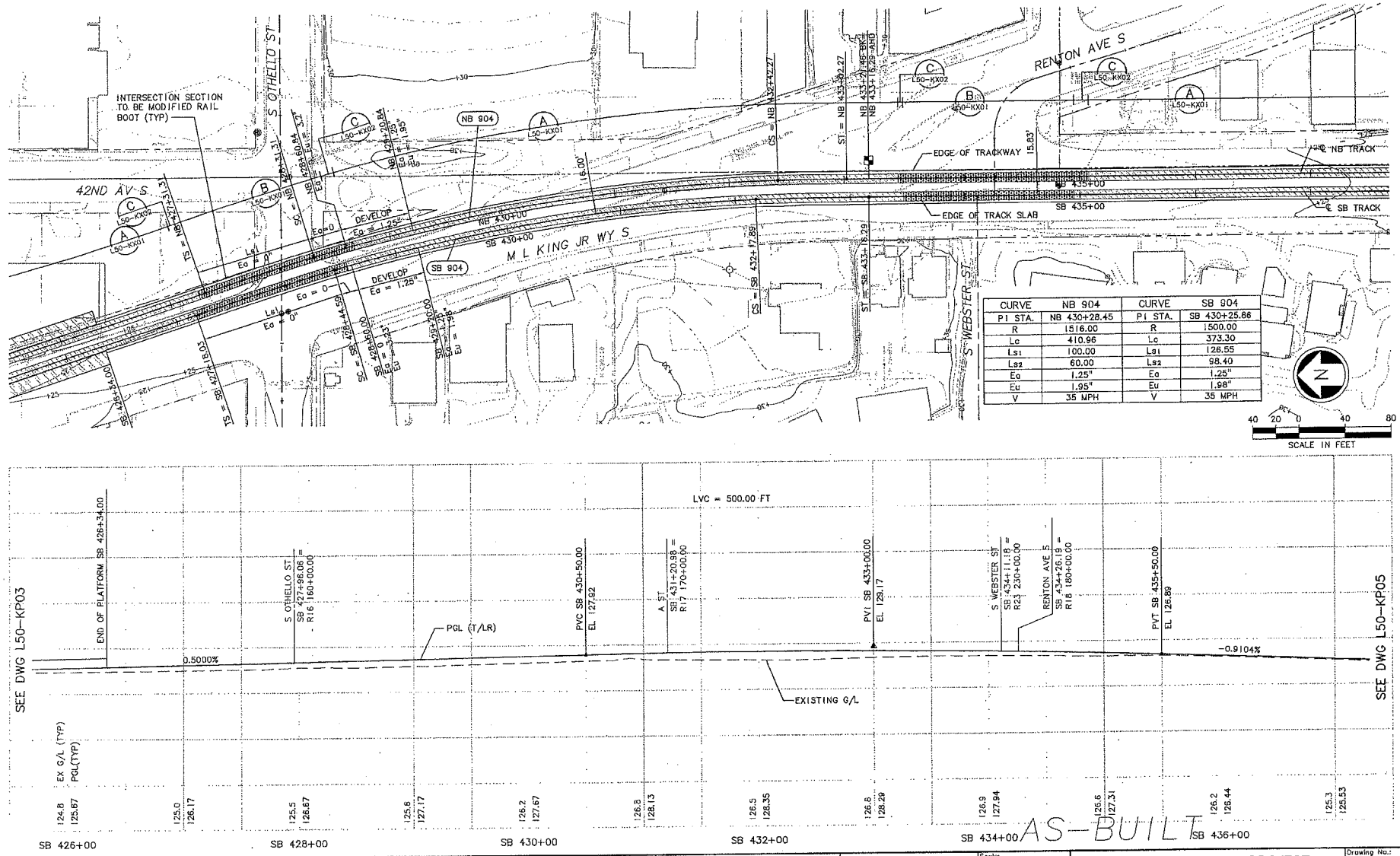
Scale: H: 1"=40'; V: 1"=10'
Filename: C40_L50_KP03.DWG
Contract No.: C 735
Date: 05/30/03

LINK LIGHT RAIL PROJECT
SOUTH CORRIDOR

TRACK PLAN & PROFILE
STA SB 415+00 TO STA SB 426+00

Drawing No.: L50-KP03
Vault Plan No.: 231-740
Sheet No.: 83
Rev.: A

34209



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PI STA.	NB 430+28.45	PI STA.	SB 430+25.86
R	1516.00	R	1500.00
Lc	410.96	Lc	373.30
Ls1	100.00	Ls1	126.55
Ls2	60.00	Ls2	98.40
Eq	1.25"	Eq	1.25"
Eu	1.95"	Eu	1.98"
V	35 MPH	V	35 MPH

No.	Date	Dsn.	Chk.	App.	Revisions
A	10/03/11				AS-BUILT
0	12/12/03				CONFORM

City of Seattle
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Designed By: A. LASKI
Drawn By: B. BOLIMA
Checked By: S. KINGSLEY
Approved By: B. SHINN

CH2MHILL
kpff Consulting Engineers
Submitted: S. KAMBOL Date: 12/12/03

SOUNDTRANSIT
Approved: T. RABEN Date: 12/12/03

Scale: H: 1"=40'; V: 1"=10'
Filename: C40_L50_KP04.DWG
Contract No.: C 735
Date: 05/30/03

LINK LIGHT RAIL PROJECT
SOUTH CORRIDOR
TRACK PLAN & PROFILE
STA SB 426+00 TO STA SB 437+00

Drawing No.: L50-KP04
Vault Plan No. 231-740
Sheet No.: 84 Rev.: A

34209 VAULT SERIAL NO.

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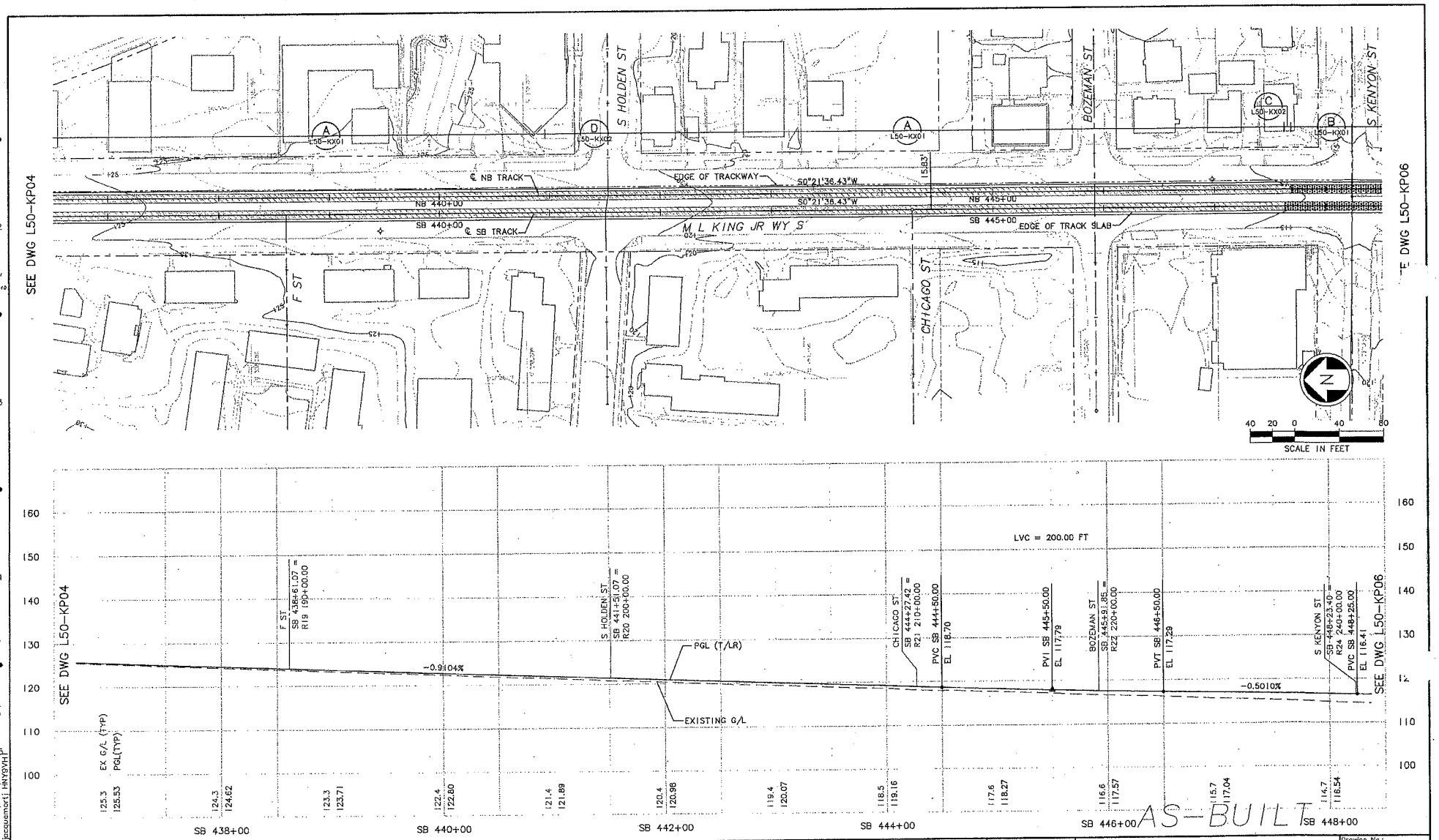

No.	Date	Dsn.	Chk.	App.	Revisions
A	10/03/11				AS-BUILT
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City of Seattle

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Designed By: A. LASKI
Drawn By: B. BOLIMA
Checked By: S. KINGSLEY
Approved By: B. SHINN

CH2MHILL
kpff Consulting Engineers
Submitted: S. KAMBOL Date: 12/12/03

SOUNDTRANSIT
Approved: T. RABEN Date: 12/12/03

Scale: H: 1"=40'; V: 1"=10'
Filename: C40_L50_KP05.DWG
Contract No.: C 735
Date: 05/30/03

LINK LIGHT RAIL PROJECT
SOUTH CORRIDOR

TRACK PLAN & PROFILE
STA SB 437+00 TO STA SB 448+00

Drawing No.: L50-KP05
Vault Plan No. 231-740
Sheet No.: 85 Rev.: A

34209
VAULT SERIAL NO. L50_KP05.DWG
DATE MARK NATURE REVISIONS MADE CHK'D REV'D

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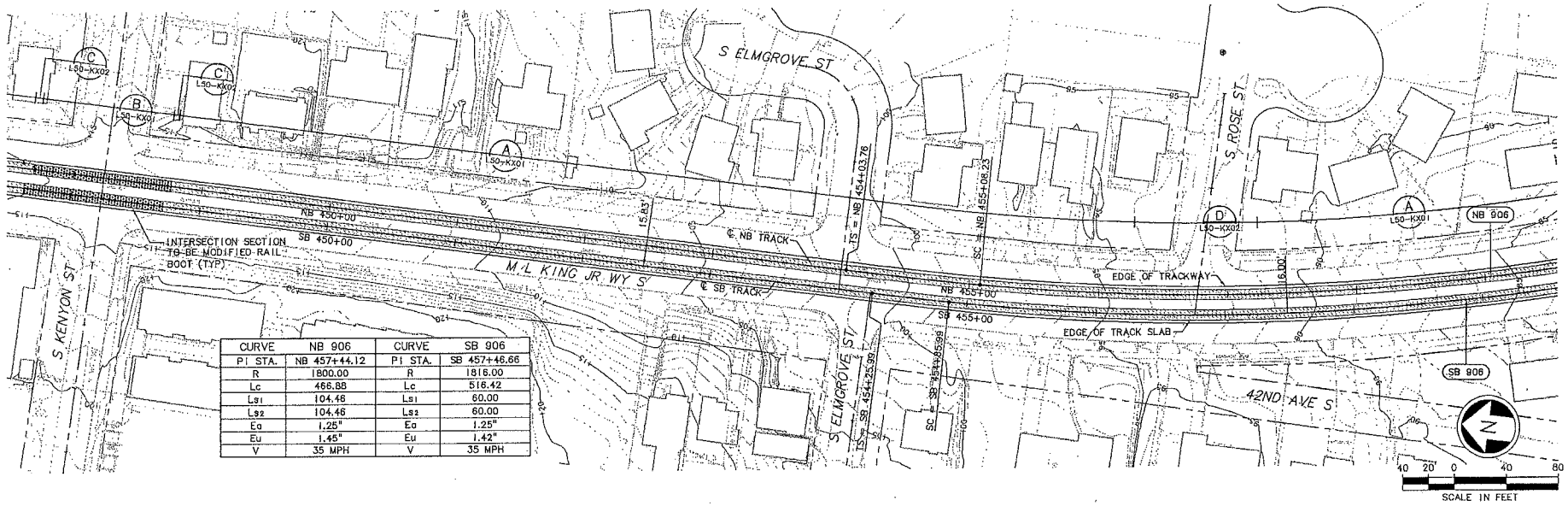
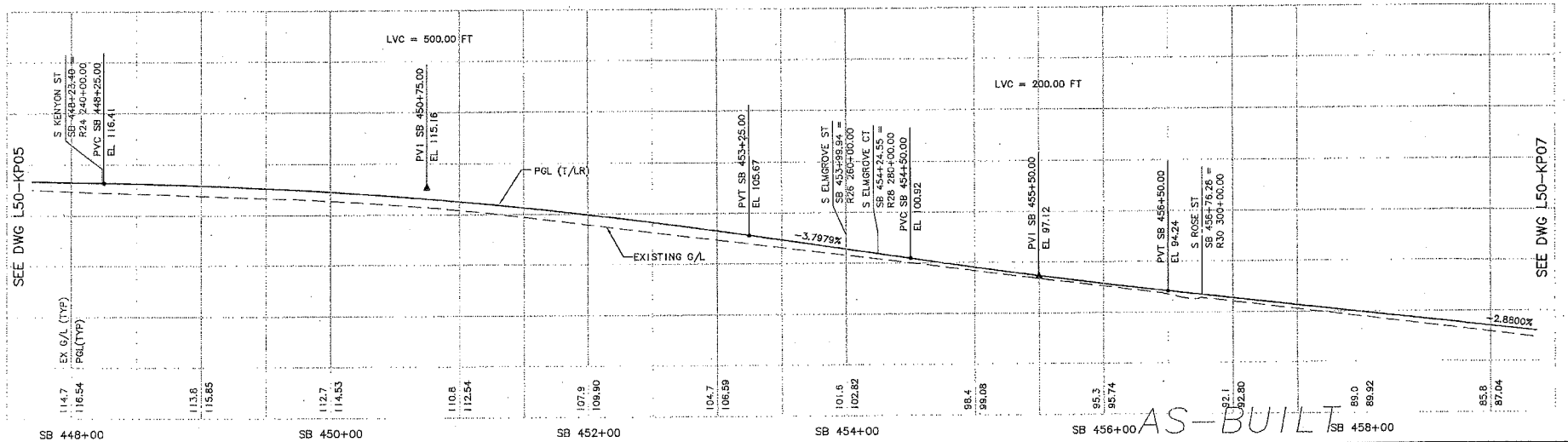


CURVE	NB 906	CURVE	SB 906
PI STA.	NB 457+44.12	PI STA.	SB 457+46.66
R	1800.00	R	1816.00
Lc	466.88	Lc	516.42
Ls1	104.46	Ls1	60.00
Ls2	104.46	Ls2	60.00
Ea	1.25"	Ea	1.25"
Eu	1.45"	Eu	1.42"
V	35 MPH	V	35 MPH



No.	Date	Dsn.	Chk.	App.	Revisions
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City of Seattle

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Designed By: A. LASKI
Drawn By: B. BOLIMA
Checked By: S. KINGSLEY
Approved By: B. SHINN

CH2MHILL
kpff Consulting Engineers
Submitted: S. KAMBOL Date: 12/12/03

SOUNDTRANSIT
Approved: T. RABEN Date: 12/12/03

Scale: H: 1"=40'; V: 1"=10'
Filename: C40_L50_KP06.DWG
Contract No.: C 735
Date: 05/30/03

LINK LIGHT RAIL PROJECT
SOUTH CORRIDOR

TRACK PLAN & PROFILE
STA SB 448+00 TO STA SB 459+00

Drawing No.: L50-KP06
Vault Plan No. 231-740
Sheet No.: 86
Rev.: A

34209
VAULT SERIAL NO. L50_KP06.DWG
DATE MARK NATURE REVISIONS MADE CHK'D REV'D

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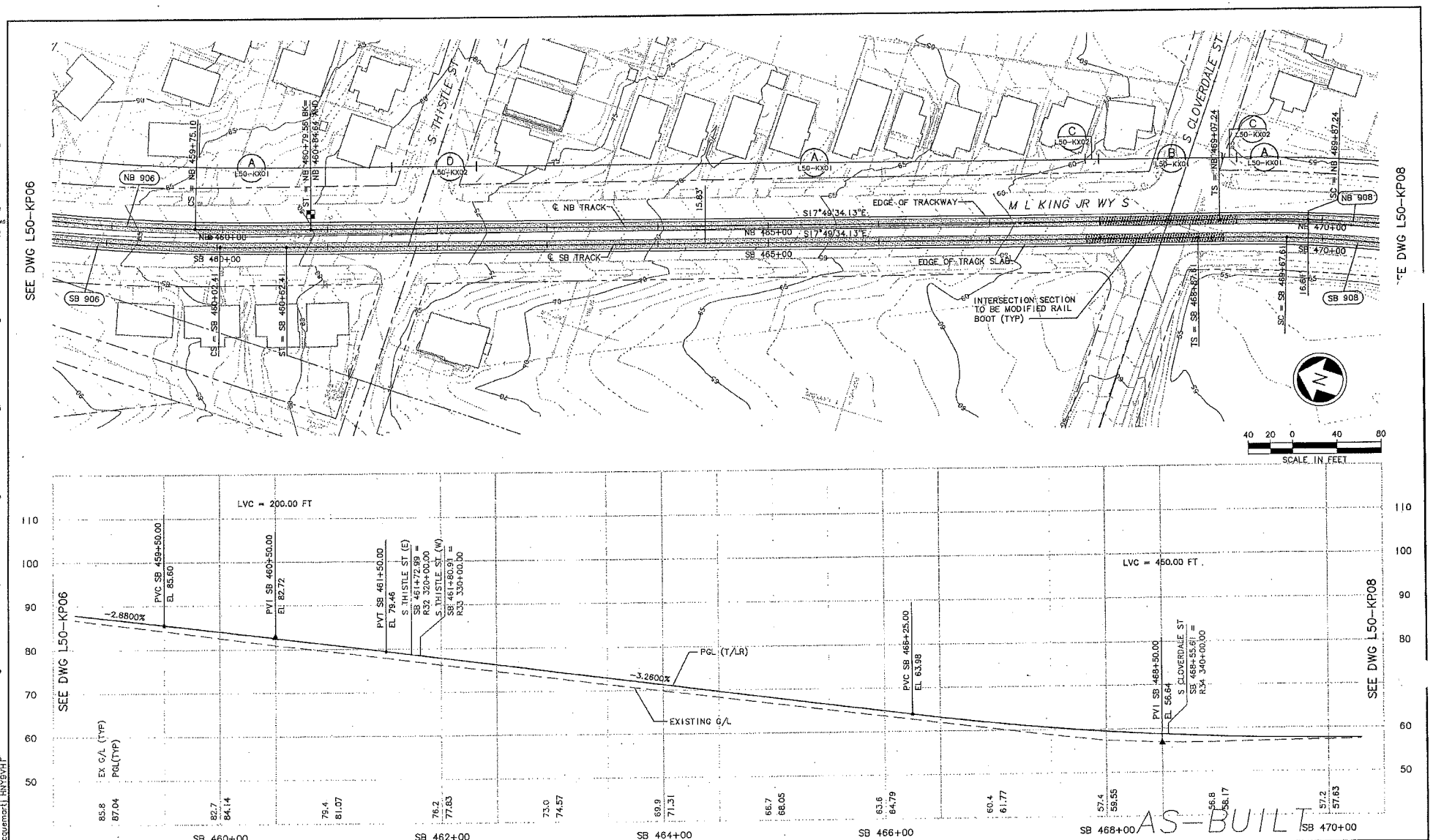
09/16/11 14:12 : jacquemart[HNY9VH]

DNS CITY CLERK



No.	Date	Dsn.	Chk.	App.	Revisions
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0	12/12/03				CONFORM

City of Seattle

Work Order No.
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SDOT:

Designed By: A. LASKI
Drawn By: B. BOLIMA
Checked By: S. KINGSLEY
Approved By: B. SHINN

CH2MHILL
kpff Consulting Engineers
Submitted: S. KAMBOL Date: 12/12/03

SOUNDTRANSIT
Approved: T. RABEN Date: 12/12/03

Scale: H: 1"=40'; V: 1"=10'
Filename: C40_L50_KP07.DWG
Contract No.: C 735
Date: 05/30/03

LINK LIGHT RAIL PROJECT
SOUTH CORRIDOR

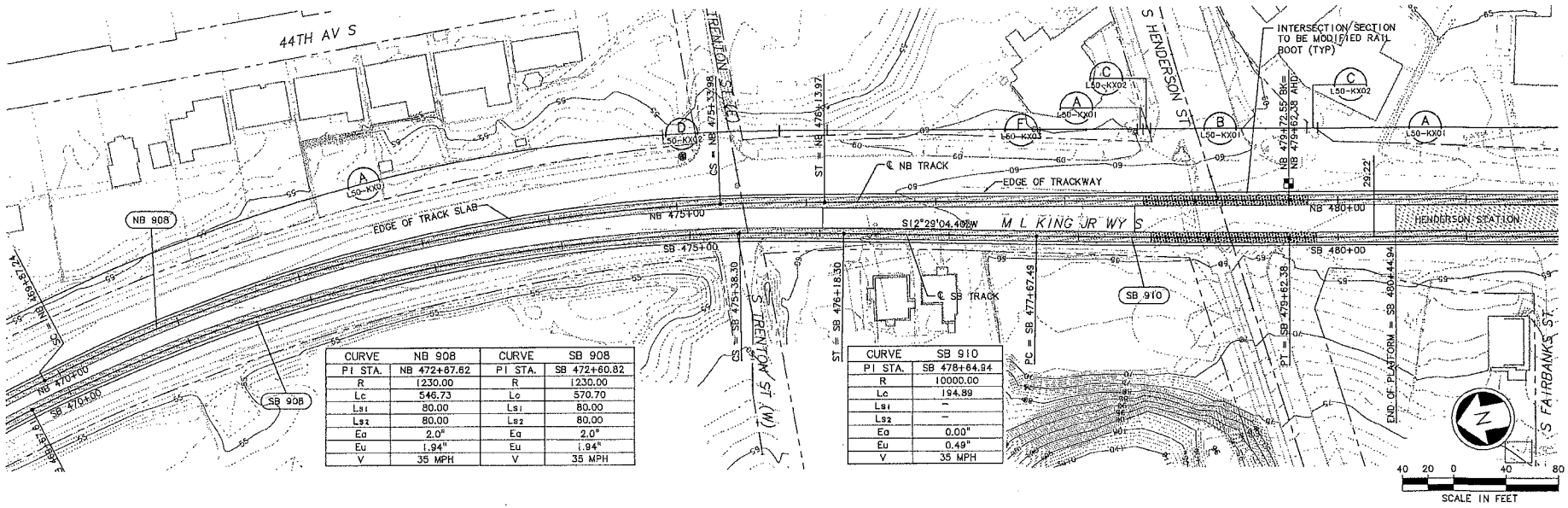
TRACK PLAN & PROFILE
STA SB 459+00 TO STA SB 470+00

Drawing No.: L50-KP07
Vault Plan No. 231-740
Sheet No.: 87 Rev.: A

34209
VAULT SERIAL NO. L50_KP07.DWG
DATE MARK NATURE REVISIONS MADE CHK'D REV'D

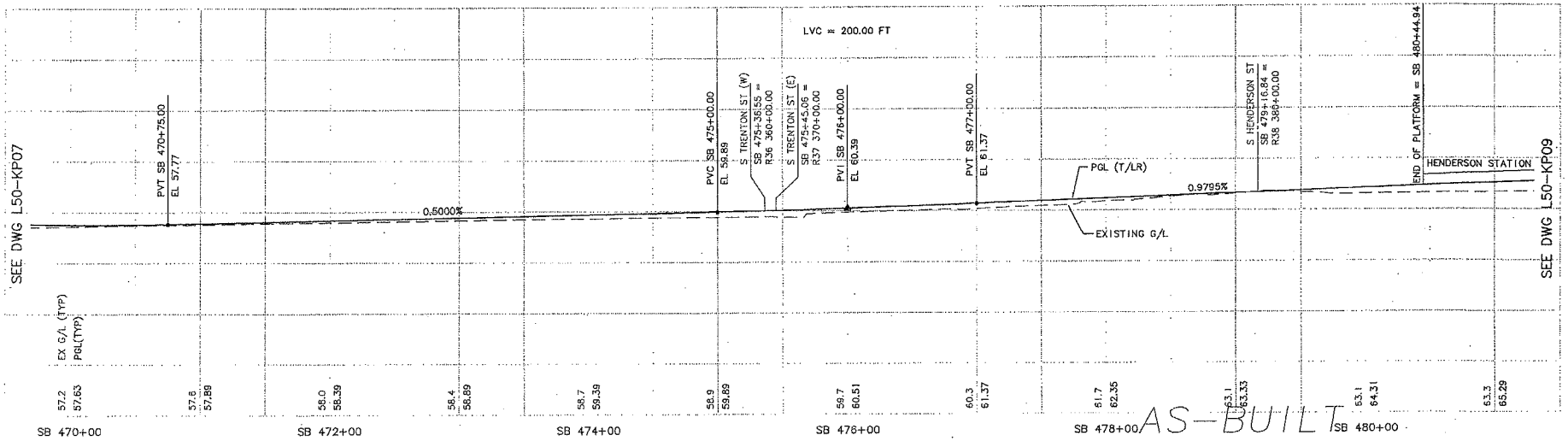
c:\users\public\documents\work\735_asbuilts_dwg\740_asbuilt_dwg\C40_L50_KP07.DWG
09/16/11 14:13 : jacquemartj HNY9VH1

BNS CITY CLERK



CURVE	NB 908	CURVE	SB 908
PI STA.	NB 472+67.62	PI STA.	SB 472+60.82
R	1230.00	R	1230.00
Lc	546.73	Lc	570.70
Ls1	80.00	Ls1	80.00
Ls2	80.00	Ls2	80.00
Ea	2.0"	Ea	2.0"
Eu	1.94"	Eu	1.94"
V	35 MPH	V	35 MPH

CURVE	SB 910
PI STA.	SB 478+64.94
R	10000.00
Lc	194.89
Ls1	–
Ls2	–
Ea	0.00"
Eu	0.49"
V	35 MPH



No.	Date	Dsn.	Chk.	App.	Revisions
A	10/03/11				AS-BUILT
0	12/12/03				CONFORM

City of Seattle

Work Order No.
Permit No. Y1434
Approved:
Inspector's Book:
Received:
Revised As Built:
SDOT:

Designed By: A. LASKI
Drawn By: B. BOLIMA
Checked By: S. KINGSLEY
Approved By: B. SHINN

CH2MHILL
kpff Consulting Engineers
Submitted: S. KAMBOL Date: 12/12/03

SOUNDTRANSIT
Approved: T. RABEN Date: 12/12/03

Scale: H: 1"=40'; V: 1"=10'
Filename: C40_L50_KP08.DWG
Contract No.: C 735
Date: 05/30/03

LINK LIGHT RAIL PROJECT
SOUTH CORRIDOR

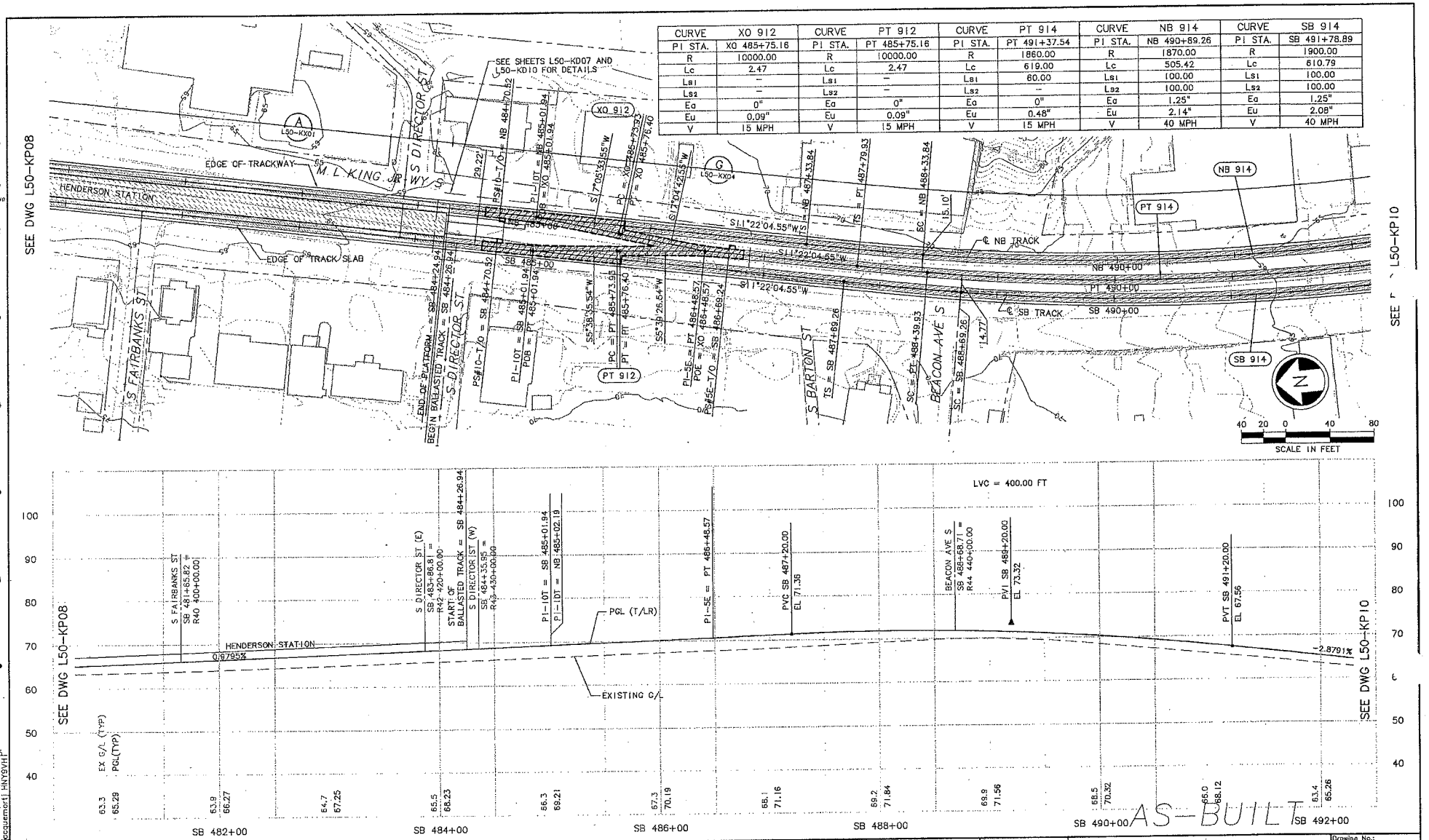
TRACK PLAN & PROFILE
STA SB 470+00 TO STA SB 481+00

Drawing No.: L50-KP08
Vault Plan No. 231-740
Sheet No.: 88 Rev.: A

34209
VAULT SERIAL NO. L50_KP08.DWG
DATE MARK NATURE REVISIONS MADE CHK'D REV'D

c:\users\public\documents\work\735_asbuilts_dwg\740_asbuilt_dwg\C40_L50_KP08.DWG
09/16/11 14:14 : jacquemart; HNY9VHF

CITY CLERK



CURVE	XO 912	CURVE	PT 912	CURVE	PT 914	CURVE	NB 914	CURVE	SB 914
PI STA.	XO 485+75.16	PI STA.	PT 485+75.16	PI STA.	PT 491+37.54	PI STA.	NB 490+89.26	PI STA.	SB 491+78.89
R	10000.00	R	10000.00	R	1860.00	R	1870.00	R	1900.00
Lc	2.47	Lc	2.47	Lc	619.00	Lc	505.42	Lc	610.79
Ls1	–	Ls1	–	Ls1	60.00	Ls1	100.00	Ls1	100.00
Ls2	–	Ls2	–	Ls2	–	Ls2	100.00	Ls2	100.00
Ea	0"	Ea	0"	Ea	0"	Ea	1.25"	Ea	1.25"
Eu	0.09"	Eu	0.09"	Eu	0.48"	Eu	2.14"	Eu	2.08"
V	15 MPH	V	15 MPH	V	15 MPH	V	40 MPH	V	40 MPH

No.	Date	Dsn.	Chk.	App.	Revisions
B	10/03/11				AS-BUILT
A	08/04/06				ISSUED FOR CONSTRUCTION-CONFORM
1					RFI #1064A
0	12/12/03				CONFORM

City of Seattle
Work Order No.
Permit No. Y1434
Approved:
Inspector's Book:
Received:
Revised As Built:
SDOT:

Designed By: A. LASKI
Drawn By: B. BOLIMA
Checked By: S. KINGSLEY
Approved By: B. SHINN

CH2MHILL
kpff Consulting Engineers
Submitted: S. KAMBOL Date: 12/12/03

SOUNDTRANSIT
Approved: T. RABEN Date: 12/12/03

Scale: H: 1"=40'; V: 1"=10'
Filename: C40_L50_KP09.DWG
Contract No.: C 735
Date: 05/30/03

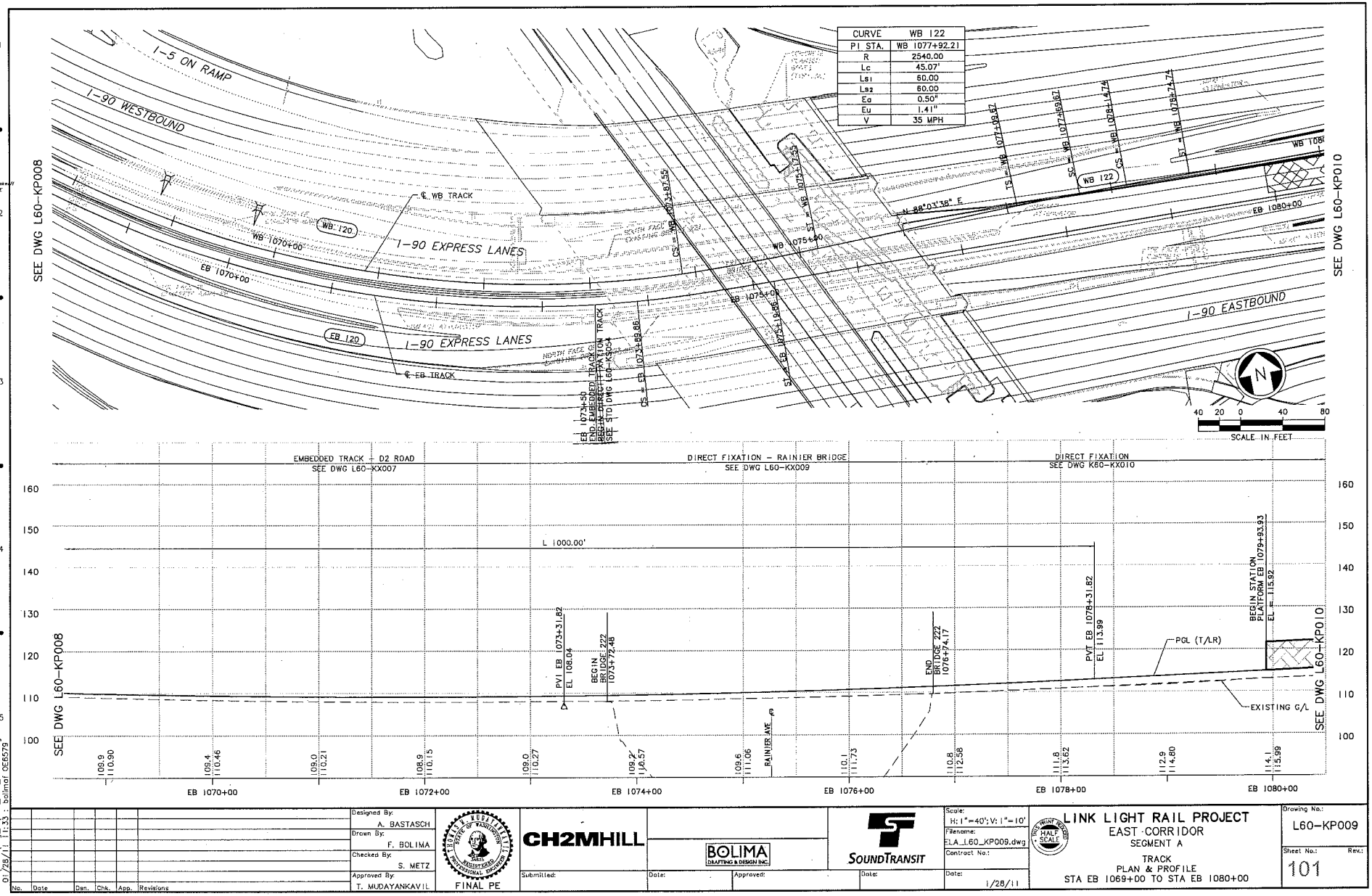
LINK LIGHT RAIL PROJECT
SOUTH CORRIDOR
TRACK PLAN & PROFILE
STA SB 481+00 TO STA SB 492+00

Drawing No.: L50-KP09
Vault Plan No.: 231-740
Sheet No.: 89
Rev.: B

34209
VAULT SERIAL NO.
DATE | MARK | NATURE | MADE/CHK'D | REVISIONS

c:\users\public\documents\work\735_osbuilts_dwg\740_osbuilt_dwg\C40_L50_KP09.DWG
09/16/11 14:15:3 jacquemot1 HNY9VH

OVRD_LNTSP:
LTSCALE: 1=1
XREFs:
-Attach: XG-C00020
-Bindings: C40_L50_KA, C40_A40_CA, C40_B42_CA, C40_B41_CA, X1B1CN, X1B1GR, X1B1BR, X1B1SI, XG-735XSEACH
-Unresolved: ST_NAMES_C..40



DWG INFO:

LTSCALE: 1=1

XREFs: -Attach: -Overlay: ELA_L60_KA REG-TVM SVB-INTR Zg-2234h Zg-s20020 r2519sr r2519sf r2522sr r2522sf -Unresolved: CurveIDs ELA_L60_KDTextV ELA_L60_ZONE x-y_Text

c:\work\seg-a\ELA_L60_KP009.dwg
01/28/11 11:33:1 bolima OE6579

No.	Date	Dsn.	Chk.	App.	Revisions

Designed By: A. BASTASCH
Drawn By: F. BOLIMA
Checked By: S. METZ
Approved By: T. MUDAYANKAVIL

FINAL PE

CH2MHILL

Submitted: Date:

BOLIMA DRAFTING & DESIGN INC.

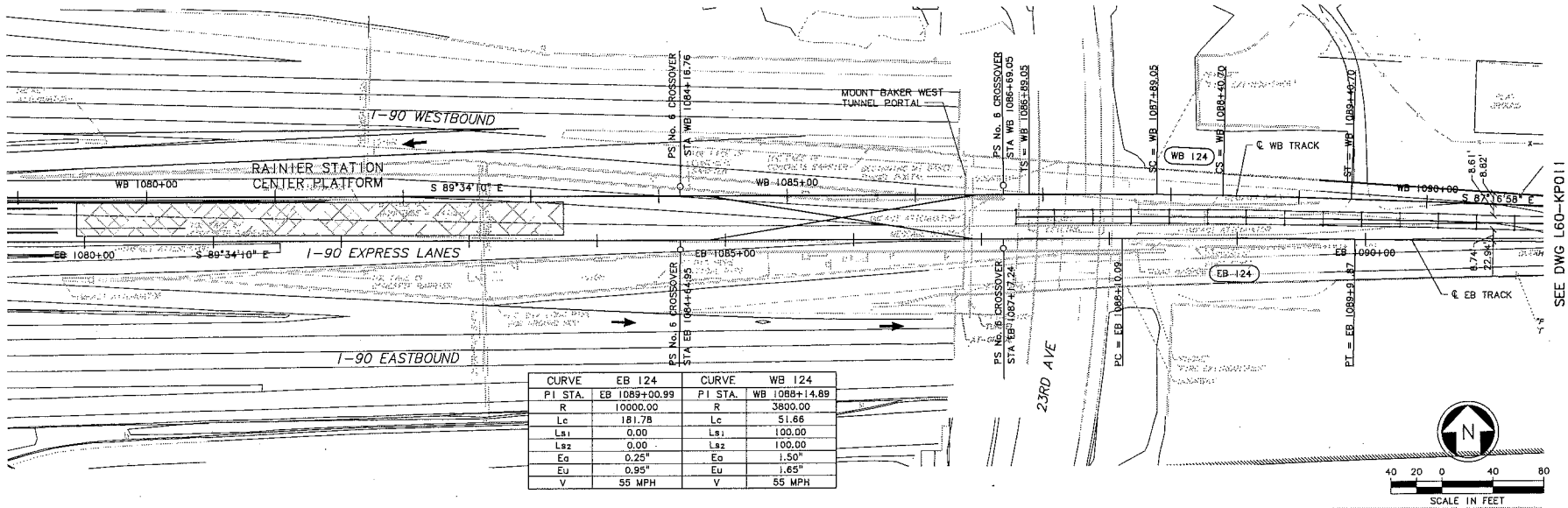
Approved: Date:

SOUNDTRANSIT

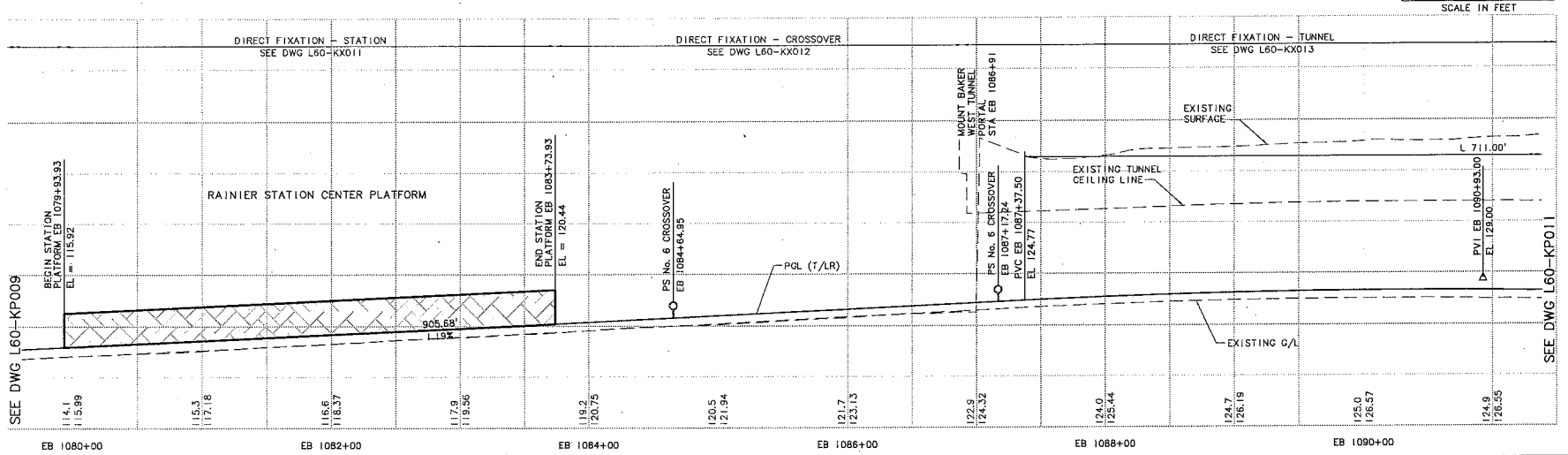
Scale: H: 1"=40'; V: 1"=10'
Filename: ELA_L60_KP009.dwg
Contract No.:
Date: 1/28/11

LINK LIGHT RAIL PROJECT
EAST CORRIDOR
SEGMENT A
TRACK
PLAN & PROFILE
STA EB 1069+00 TO STA EB 1080+00

Drawing No.: L60-KP009
Sheet No.: 101
Rev.:



CURVE	EB 124	CURVE	WB 124
PI STA.	EB 1089+00.99	PI STA.	WB 1088+14.89
R	10000.00	R	3800.00
Lc	181.78	Lc	51.66
Ls1	0.00	Ls1	100.00
Ls2	0.00	Ls2	100.00
Eq	0.25"	Eq	1.50"
Eu	0.95"	Eu	1.65"
V	55 MPH	V	55 MPH



No.	Date	Dsn.	Chk.	App.	Revisions

Designed By: A. BASTASCH
Drawn By: F. BOLIMA
Checked By: S. METZ
Approved By: T. MUDAYANKAVIL

FINAL PE

CH2MHILL

BOLIMA DRAFTING & DESIGN INC.

Submitted: Date: Approved: Date:

SOUNDTRANSIT

Scale: H: 1"=40'; V: 1"=10'
Filename: ELA_L60_KP010.dwg
Contract No.:
Date: 1/28/11

LINK LIGHT RAIL PROJECT
EAST CORRIDOR
SEGMENT A
TRACK
PLAN & PROFILE
STA EB 1080+00 TO STA EB 1091+00

Drawing No.: L60-KP010
Sheet No.: 102
Rev.:

c:\work\seg_a\ELA_L60_KP010.dwg
01/28/11 11:33 : bolimaf 0E6579

CLERK

CURVE	WB 126	CURVE	EB 128	CURVE	WB 128
PI STA.	WB 1092+34.15	PI STA.	EB 1097+87.22	PI STA.	WB 1097+43.08
R	8300.00	R	2750.00	R	2750.00
Lc	65.65	Lc	165.79	Lc	170.67
Ls1	80.00	Ls1	130.00	Ls1	130.00
Ls2	80.00	Ls2	130.00	Ls2	130.00
Ea	0.25"	Ea	2.25"	Ea	2.25"
Eu	1.19"	Eu	2.11"	Eu	2.11"
V	55 MPH	V	55 MPH	V	55 MPH

No.	Date	Dsn.	Chk.	App.	Revisions

Designed By: A. BASTASCH
Drawn By: F. BOLIMA
Checked By: S. METZ
Approved By: T. MUDAYANKAVIL
FINAL PE

CH2MHILL
BOLIMA DRAFTING & DESIGN INC.
SOUNDTRANSIT

Submitted: Date:
Approved: Date:

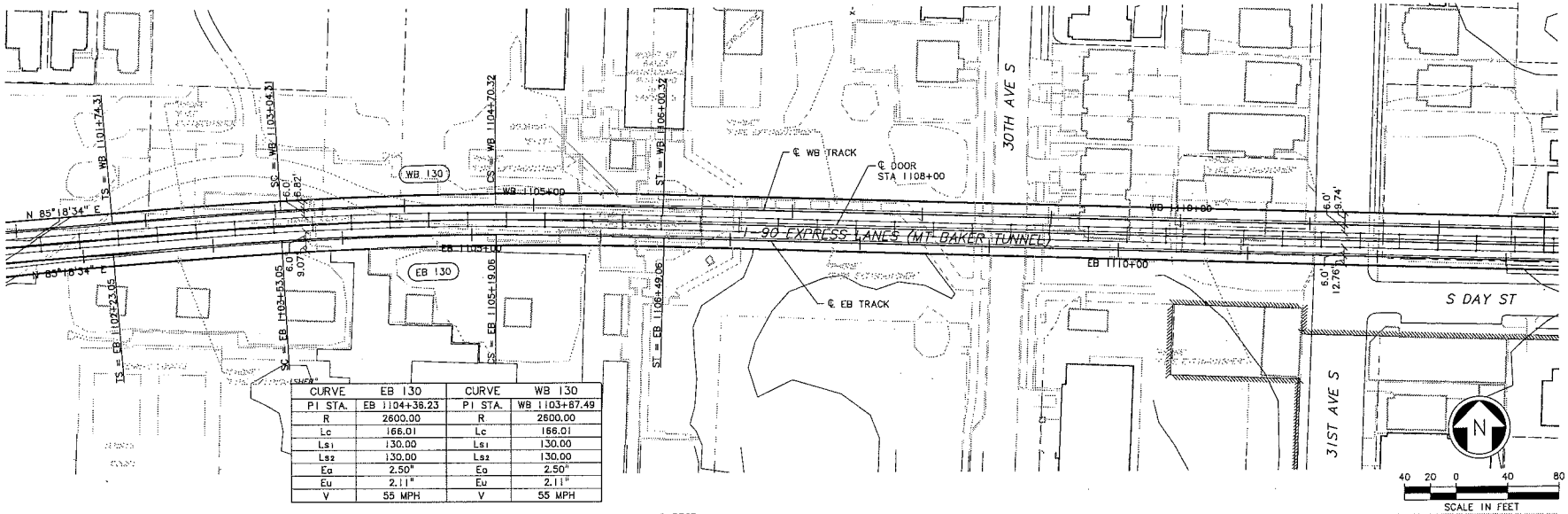
Scale: H: 1"=40'; V: 1"=10'
Filename: ELA_L60_KP011.dwg
Contract No.:
Date: 1/28/11

IF PRINT IS NOT HALF SCALE

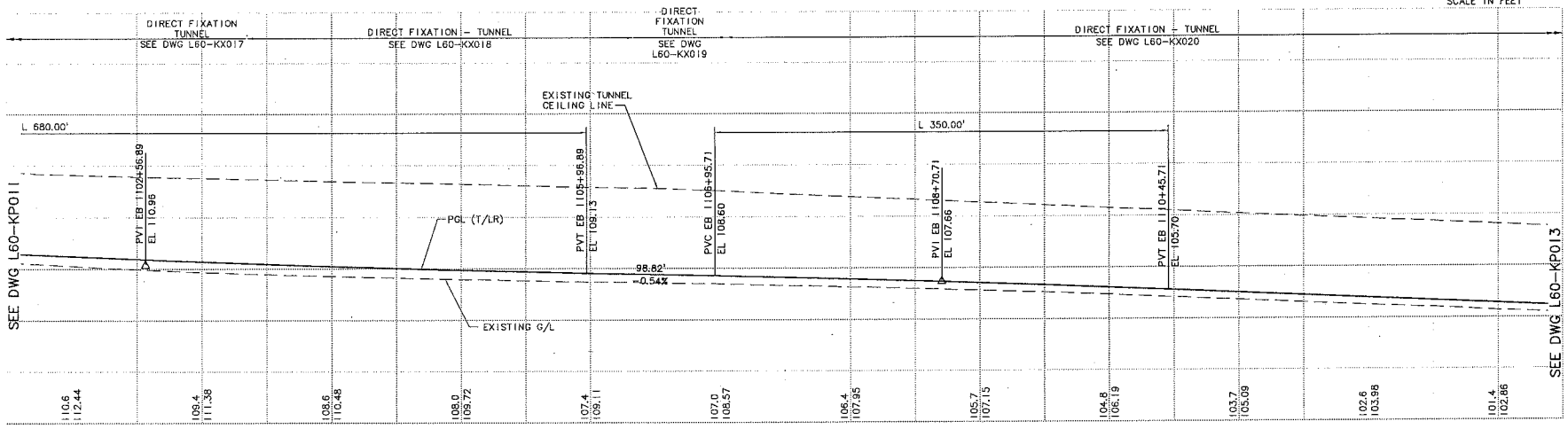
LINK LIGHT RAIL PROJECT
EAST CORRIDOR
SEGMENT A
TRACK
PLAN & PROFILE
STA EB 1091+00 TO STA EB 1102+00

Drawing No.: L60-KP011
Sheet No.: 103
Rev.:

G:\work\eng_a\ELA_L60_KP011.dwg
1/28/11 11:35 - bdimal 065579



CURVE	EB 130	CURVE	WB 130
PI STA.	EB 1104+36.23	PI STA.	WB 1103+87.49
R	2600.00	R	2600.00
Lc	166.01	Lc	166.01
L_{s1}	130.00	L_{s1}	130.00
L_{s2}	130.00	L_{s2}	130.00
Ea	2.50"	Ea	2.50"
Eu	2.11"	Eu	2.11"
V	55 MPH	V	55 MPH



DWG INFO:
LTSCALE: 1=1
XREFs: -Attach: -Overlay: ELA_L60_KA ELA_L60_SP REG-TAB SLG-INTR Zg=220Ft Zg=y20020 x7819x x7819xY -Unresolved: CurveIDs ELA_L60_ROTakeoff ELA_L60_ZONE

c:\work\seg_a\ELA_L60_KP012.dwg
01/28/11 11:34 : bolima1 QE5579

No.	Date	Dsn.	Chk.	App.	Revisions

Designed By: A. BASTASCH
Drawn By: F. BOLIMA
Checked By: S. METZ
Approved By: T. MUDAYANKAVIL

FINAL PE

CH2MHILL

BOLIMA DRAFTING & DESIGN INC.

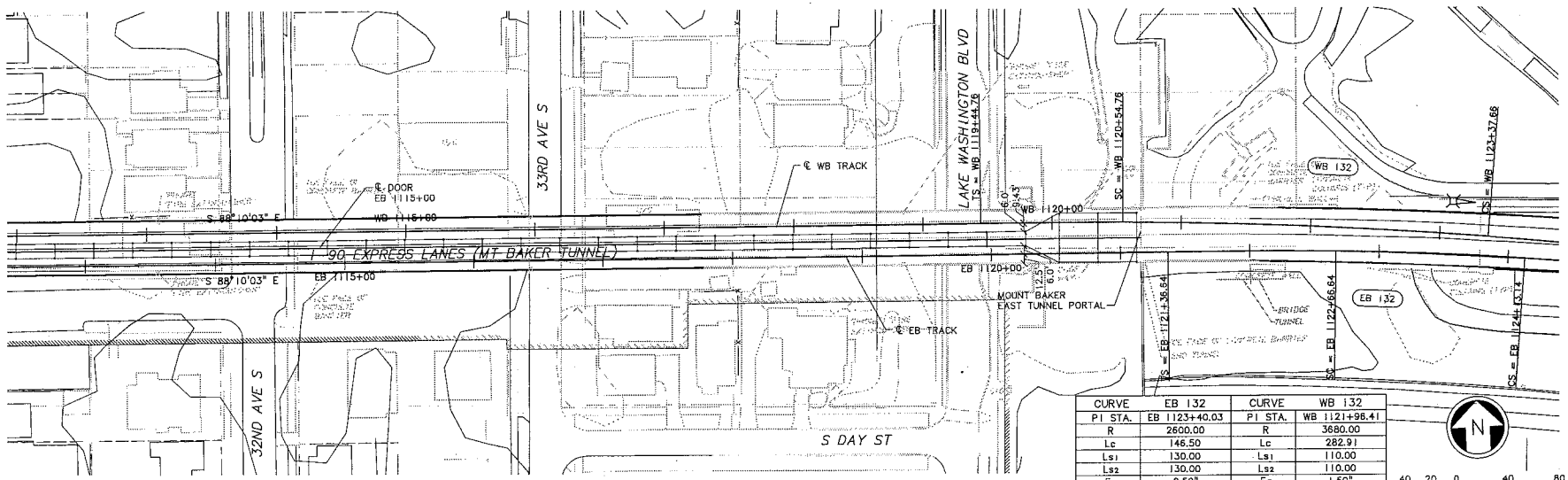
Submitted: Date:
Approved: Date:

SOUNDTRANSIT

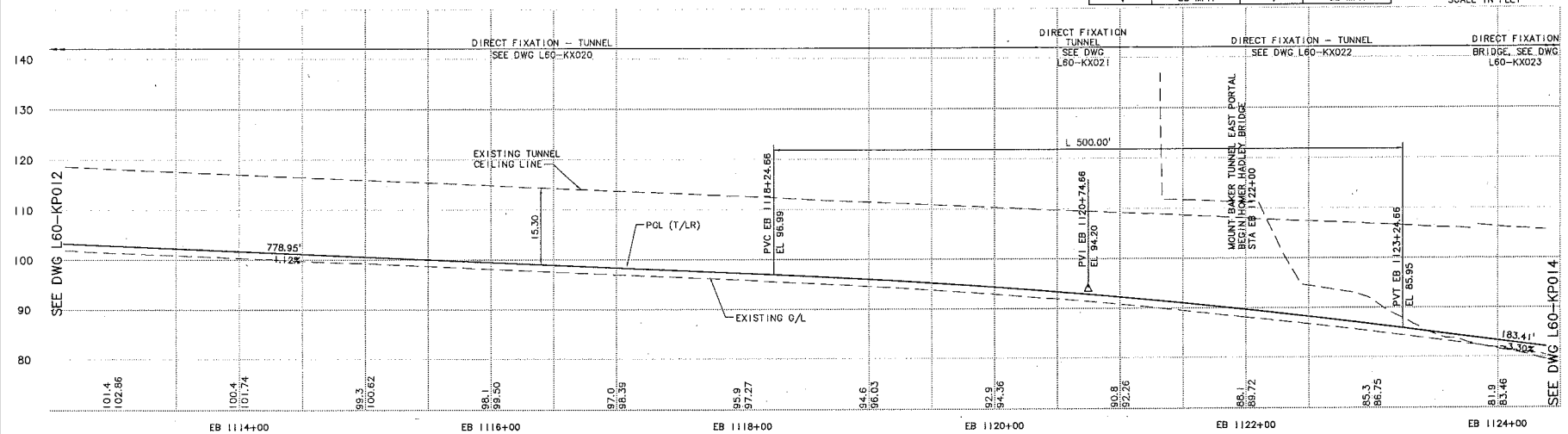
Scale: H: 1"=40'; V: 1"=10'
Filename: ELA_L60_KP012.dwg
Contract No.:
Date: 1/25/11

LINK LIGHT RAIL PROJECT
EAST CORRIDOR
SEGMENT A
TRACK
PLAN & PROFILE
STA EB 1102+00 TO STA EB 1113+00

Drawing No.: L60-KP012
Sheet No.: 104
Rev.:



CURVE	EB 132	CURVE	WB 132
PI STA.	EB 1123+40.03	PI STA.	WB 1121+96.41
R	2600.00	R	3680.00
Lc	146.50	Lc	282.91
Ls1	130.00	Ls1	110.00
Ls2	130.00	Ls2	110.00
Ea	2.50"	Ea	1.50"
Eu	2.11"	Eu	1.76"
V	55 MPH	V	55 MPH



DWG_INFO:
LTSCALE:
1=1
XREFs:
-Attach:
-Overlay:
ELA_L60_KA
ELA_L60_SP
REG-TVM
SUB-INTR
Zg-2234h
Zg-g2002D
x7819rx
x7819xl
x8119rx
x8119xl
-Unresolved:
Curve10x
ELA_L60_KOTakeoff
ELA_L60_ZONE
key_East

c:\work\seg_a\ELA_L60_KP013.dwg
01/28/11 11:34 : bolimaf OE6579

No.	Date	Dsn.	Chk.	App.	Revisions

Designed By: A. BASTASCH
Drawn By: F. BOLIMA
Checked By: S. METZ
Approved By: T. MUDAYANKAVIL

FINAL PE

CH2MHILL

Submitted: Date: Approved: Date:

BOLIMA DRAFTING & DESIGN INC.

SOUNDTRANSIT

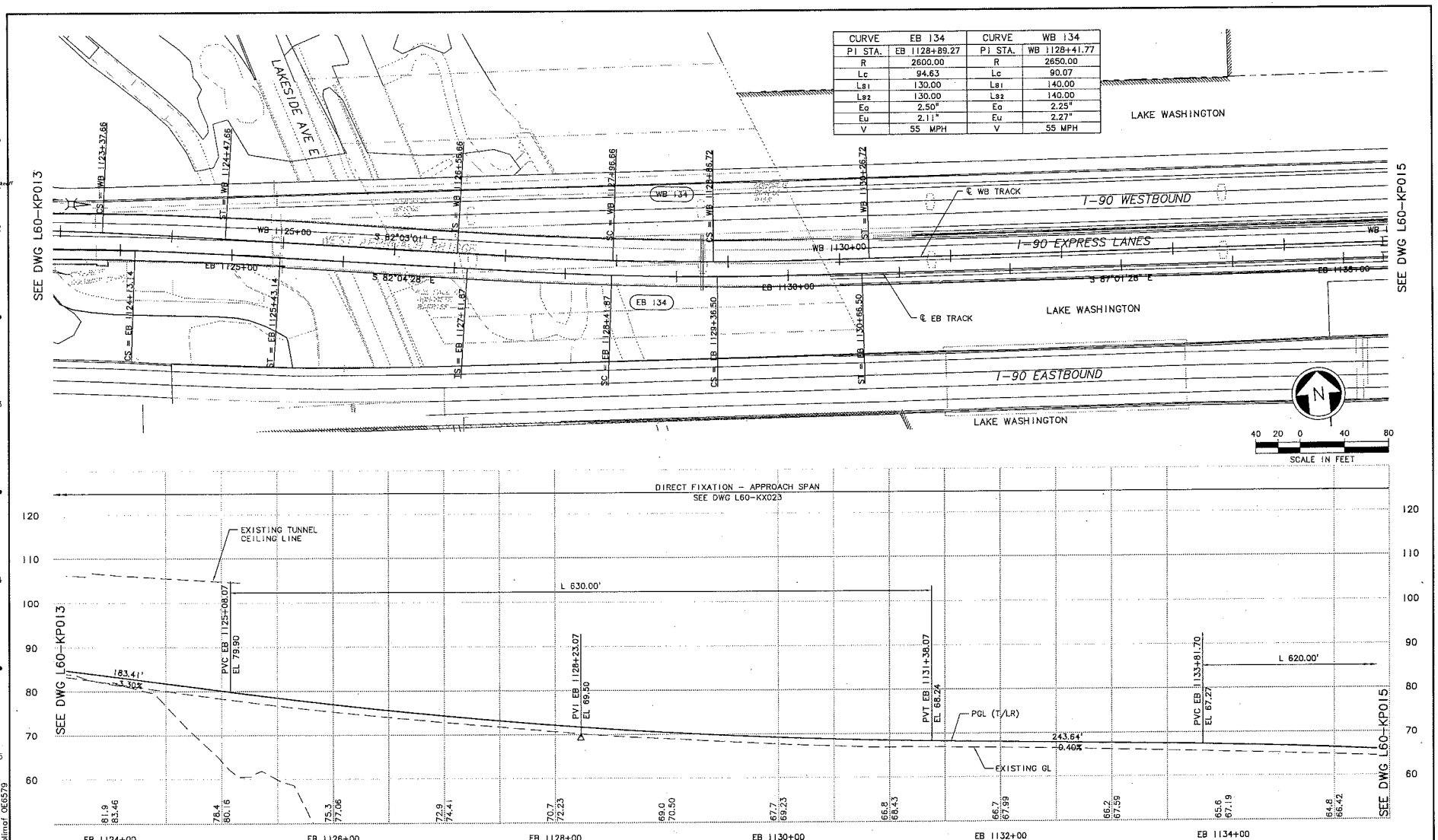
Scale: H: 1"=40'; V: 1"=10'
Filename: ELA_L60_KP013.dwg
Contract No.:
Date: 1/28/11

THIS PRINT PRINTED HALF SCALE

LINK LIGHT RAIL PROJECT
EAST CORRIDOR
SEGMENT A
TRACK
PLAN & PROFILE
STA EB 1113+00 TO STA EB 1124+00

Drawing No.: L60-KP013
Sheet No.: 105
Rev.:

DNS CITY CLERK



CURVE	EB 134	CURVE	WB 134
PI STA.	EB 1128+89.27	PI STA.	WB 1128+41.77
R	2600.00	R	2650.00
Lc	94.63	Lc	90.07
Ls1	130.00	Ls1	140.00
Ls2	130.00	Ls2	140.00
Eo	2.50"	Eo	2.25"
Eu	2.11"	Eu	2.27"
V	55 MPH	V	55 MPH

No.	Date	Dsn.	Chk.	App.	Revisions

Designed By: A. BASTASCH
Drawn By: F. BOLIMA
Checked By: S. METZ
Approved By: T. MUDAYANKAVIL

FINAL PE

CH2MHILL

BOLIMA DRAFTING & DESIGN INC.

Submitted: Date:
Approved: Date:

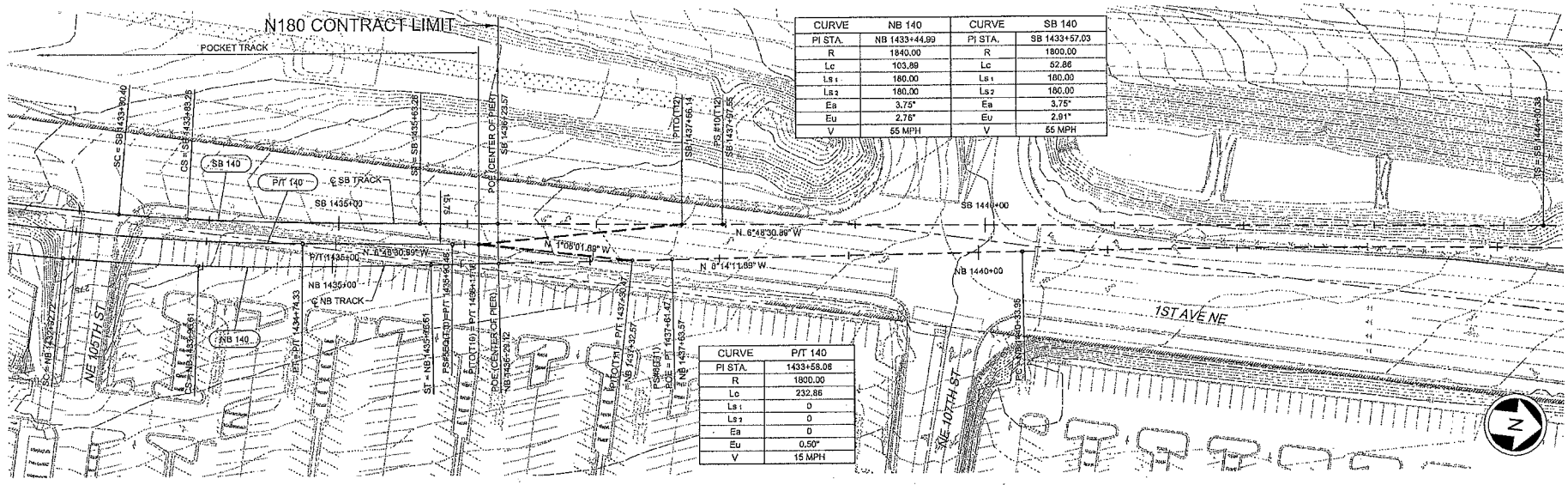
SOUNDTRANSIT

Scale: H: 1"=40'; V: 1"=10'
Filename: ELA_L60_KP014.dwg
Contract No.:
Date: 1/25/11

LINK LIGHT RAIL PROJECT
EAST CORRIDOR
SEGMENT A
TRACK
PLAN & PROFILE
STA EB 1124+00 TO STA EB 1135+00

Drawing No.: L60-KP014
Sheet No.: 106
Rev.:

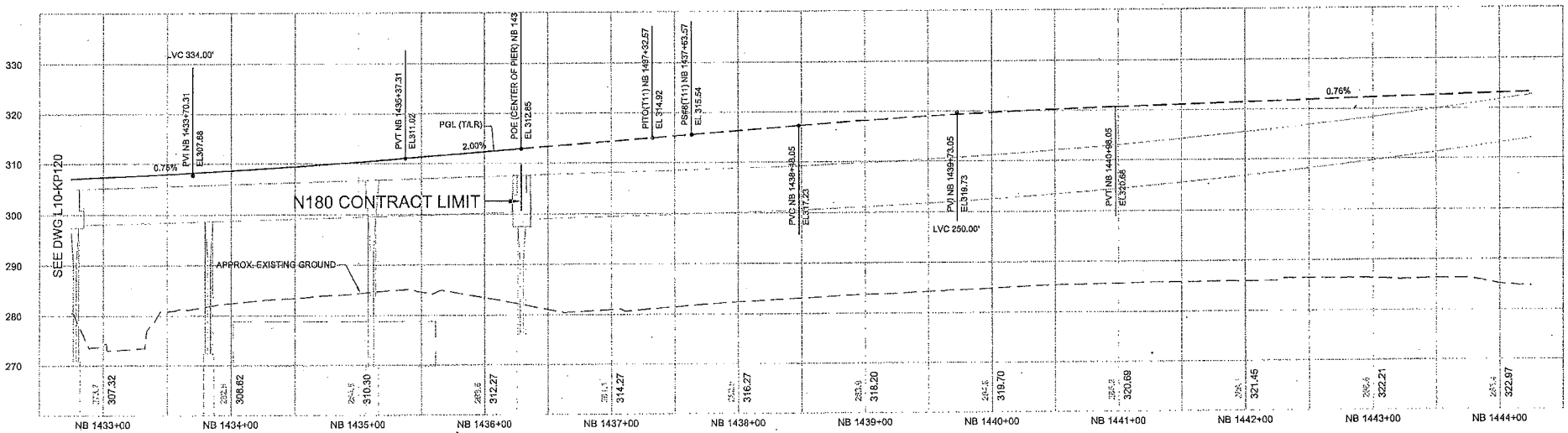
c:\work\seg_a\ELA_L60_KP014.dwg
01/28/11 11:34 : bolimaf 06579



CURVE	NB 140
PI STA.	NB 1433+44.99
R	1840.00
Lc	103.89
Ls 1	180.00
Ls 2	180.00
Ea	3.75°
Eu	2.76°
V	55 MPH

CURVE	SB 140
PI STA.	SB 1433+57.03
R	1800.00
Lc	52.86
Ls 1	180.00
Ls 2	180.00
Ea	3.75°
Eu	2.91°
V	55 MPH

CURVE	P/T 140
PI STA.	1433+58.08
R	1800.00
Lc	232.86
Ls 1	0
Ls 2	0
Ea	0
Eu	0.50°
V	15 MPH



City of Seattle

Work Order No:	Approved:
Permit No:	Inspector's Book:
	Received:
	Revised As Built:
SDOT:	

No.	Date	Dsn	Chk	App	Revisions

Designed By: J. GACIARZ
Drawn By: T. STEWART
Checked By: E. LIBERMAN
Approved By: A. MARWAHA

60% SUBMITTAL

JACOBS ASSOCIATES
Engineers/Consultants
PB PARSONS BRINCKERHOFF

Submitted:	Date:	Approved:	Date:
I. LAMB	10/05/12	S. AL-TAMIMI	10/05/12

SOUNDTRANSIT

Scale: H:1"=40',V:1"=10'
Filename: N60_L10_KP121.dwg
Contract No: N160
Date: 10/05/12

LINK CONTRACT N160
NORTHGATE STATION & ELEVATED GUIDEWAY

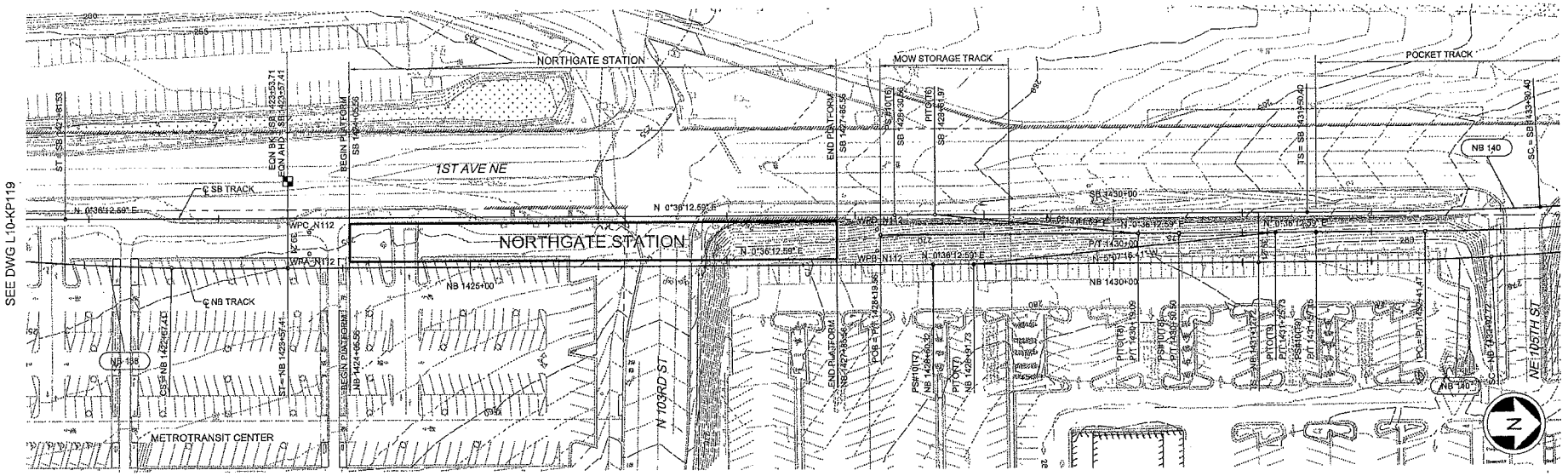
TRACK
PLAN AND NB PROFILE
STA NB 1433+00 TO STA NB 1444+00

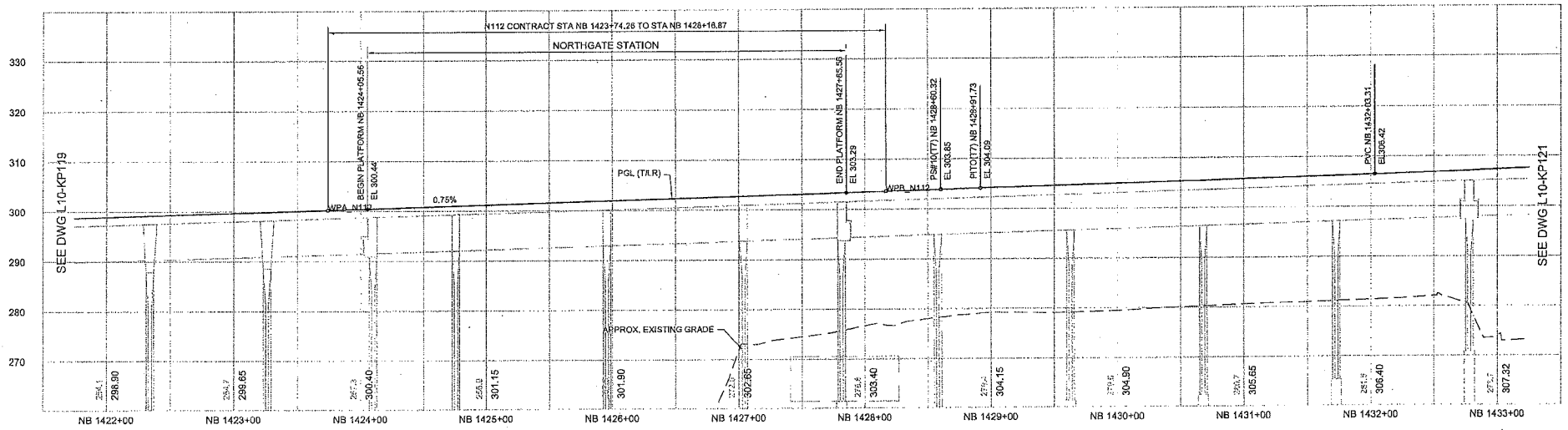
Drawing No. L10-KP121
Vault Plan No.
Sheet No. 1
Rev No. 0

DWG INFO:
LTSCALE:
XREFs:
N60_L10_NA
N60_MT-40
NEG-ASU2
SUB-Base
X30bm
X3Mm
X3Mbl
X4Mbm
X4Mtr
X4Mbl
20-324ASEA
Fy-p30bm
Revised
SI_Metric_North

MATURE | MADE ENG'D | REVD
DATE | MARK | REVISIONS
VAULT SERIAL NO.

C:\USERS\KOJACOC\DESKTOP\N60_MSMT\N60N180\L10_KP121.DWG
9/05/2012 8:43:25 PM





No.	Date	Dsn	Chk	App	Revisions

City of Seattle

Work Order No:	Approved:
Permit No:	Inspector's Book:
	Received:
	Revised As Built:
SDOT:	

Designed By:	J. GACIARZ
Drawn By:	T. STEWART
Checked By:	E. LIBERMAN
Approved By:	A. MARWAHA

60% SUBMITTAL

JACOBS ASSOCIATES
Engineers/Consultants
PB PARSONS BRINCKERHOFF

Submitted:	Date:	Approved:	Date:
I. LAMB	10/05/12	S. AL-TAMIMI	10/05/12

LINE IS 1 INCH. AT FULL SIZE

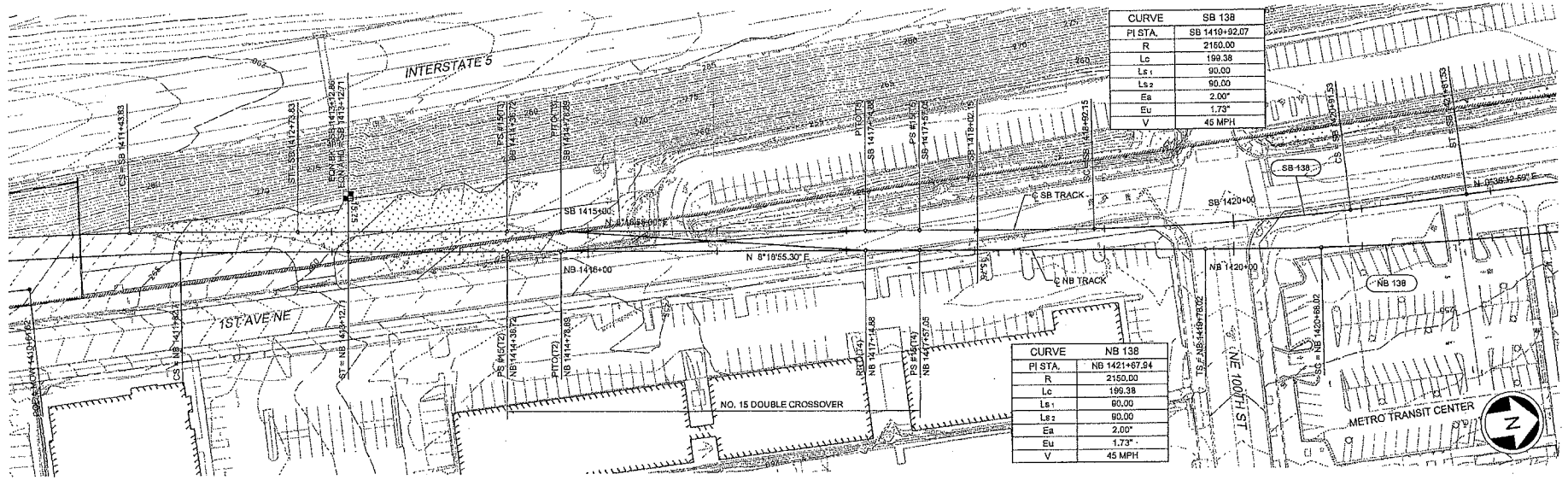
SOUNDTRANSIT

Scale:	H:1"=40';V:1"=10'
Filename:	N60_L10_KP120.dwg
Contract No:	N160
Date:	10/05/12

LINK CONTRACT N160
NORTHGATE STATION & ELEVATED GUIDEWAY

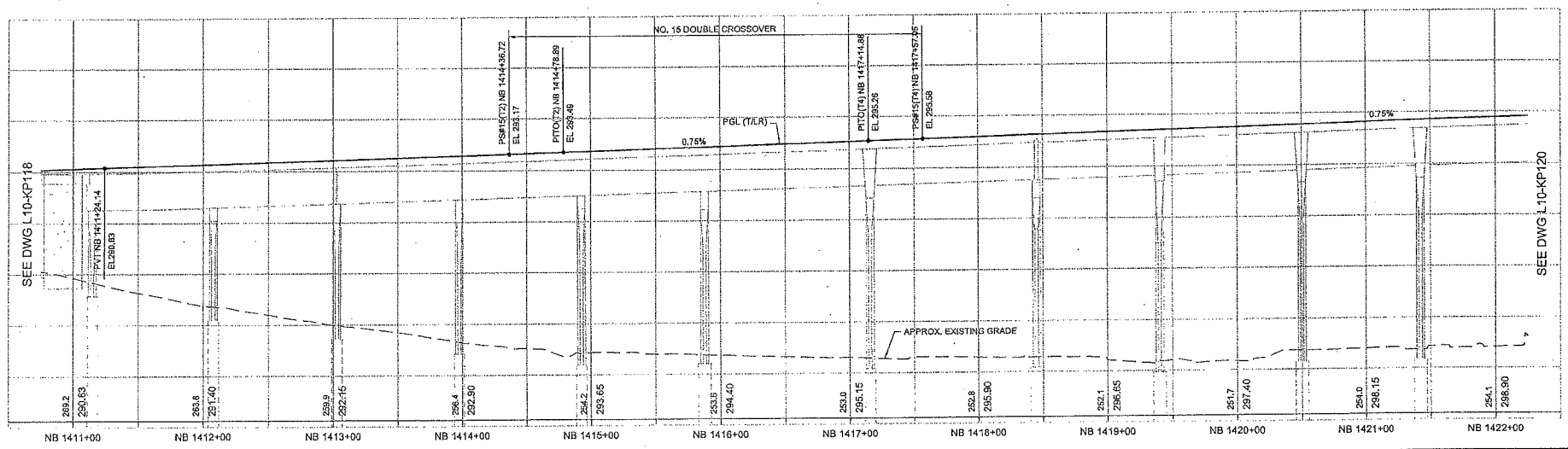
TRACK
PLAN AND NB PROFILE
STA NB 1422+00 TO STA NB 1433+00

Drawing No.	
L10-KP120	
Vault Plan No.	
Sheet No. 2	Rev No. 0



CURVE	SB 138
PI STA.	SB 1419+92.07
R	2160.00
Lc	199.38
Ls 1	90.00
Ls 2	90.00
Ea	2.00"
Eu	1.73"
V	45 MPH

CURVE	NB 138
PI STA.	NB 1421+67.94
R	2150.00
Lc	199.38
Ls 1	90.00
Ls 2	90.00
Ea	2.00"
Eu	1.73"
V	45 MPH



No.	Date	Dsn	Chk	App	Revisions

City of Seattle
Work Order No:
Permit No:
SDOT:
Approved:
Inspector's Book:
Received:
Revised As Built:

Designed By: J. GACIARZ
Drawn By: T. STEWART
Checked By: E. LIBERMAN
Approved By: A. MARWAHA

60% SUBMITTAL

JACOBS ASSOCIATES
Engineers/Consultants
PB PARSONS BRINCKERHOFF
Submitted: I. LAMB Date: 10/05/12
Approved: S. AL-TAMIMI Date: 10/05/12

SOUNDTRANSIT
Date: 10/05/12

Scale: H:1"=40';V:1"=10'
Filename: N60_L10_KP119.dwg
Contract No: N160

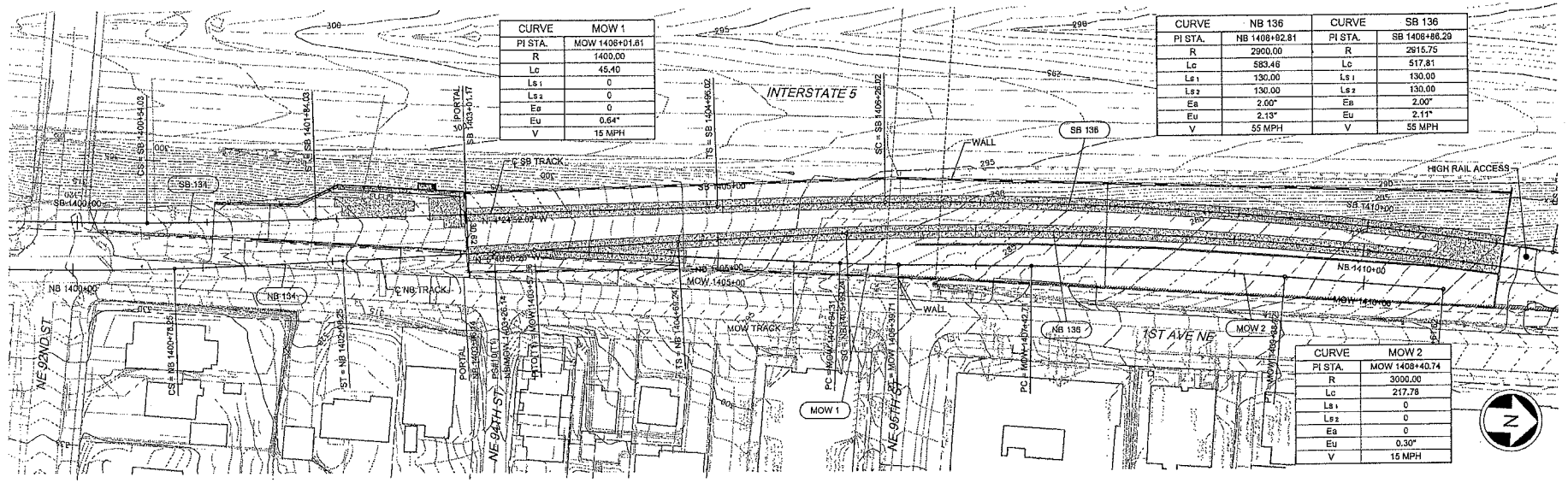
LINK CONTRACT N160
NORTHGATE STATION & ELEVATED GUIDEWAY

TRACK
PLAN AND NB PROFILE
STA NB 1411+00 TO STA NB 1422+00

Drawing No. L10-KP119
Vault Plan No.
Sheet No. 3
Rev No. 0

VAULT SERIAL NO.	DATE	MARK	NATURE REVISIONS	MADE/CHKD	REVD

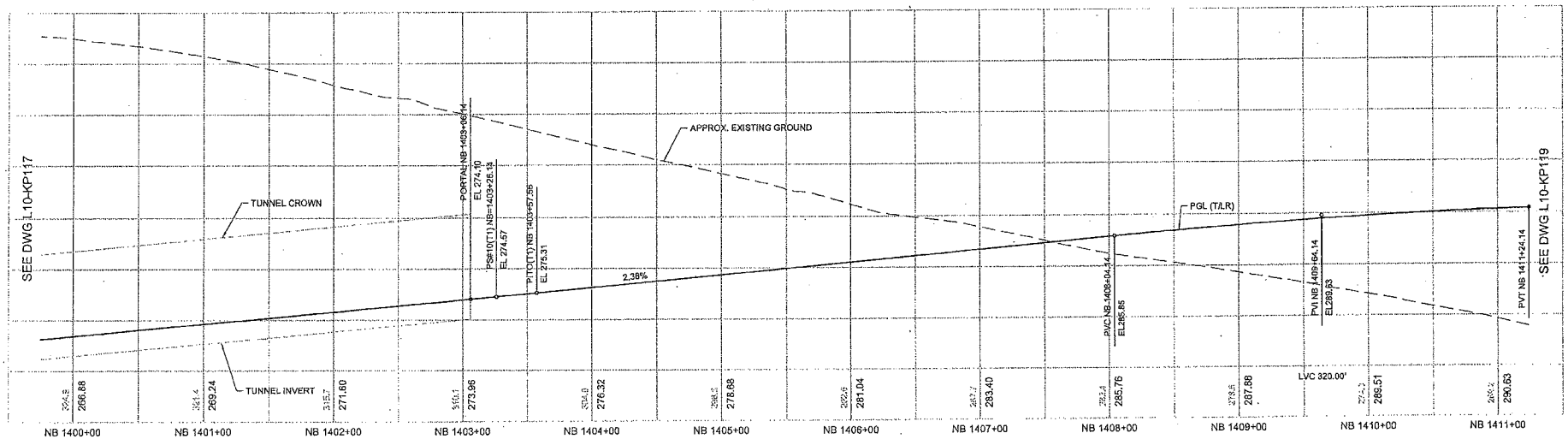
CLERK



CURVE	MOW 1
PI STA.	MOW 1406+01.81
R	1400.00
Lc	45.40
Ls 1	0
Ls 2	0
Es	0
Eu	0.64°
V	15 MPH

CURVE	NB 136	CURVE	SB 136
PI STA.	NB 1406+92.81	PI STA.	SB 1406+86.29
R	2900.00	R	2915.75
Lc	583.46	Lc	517.81
Ls 1	130.00	Ls 1	130.00
Ls 2	130.00	Ls 2	130.00
Es	2.00°	Es	2.00°
Eu	2.13°	Eu	2.11°
V	55 MPH	V	55 MPH

CURVE	MOW 2
PI STA.	MOW 1408+40.74
R	3000.00
Lc	217.78
Ls 1	0
Ls 2	0
Es	0
Eu	0.30°
V	15 MPH



No.	Date	Dsn	Chk	App	Revisions

City of Seattle
Work Order No:
Permit No:
SDOT:
Approved:
Inspector's Book:
Received:
Revised As Built:

Designed By: J. GACIARZ
Drawn By: T. STEWART
Checked By: E. LIBERMAN
Approved By: A. MARWAHA

60% SUBMITTAL

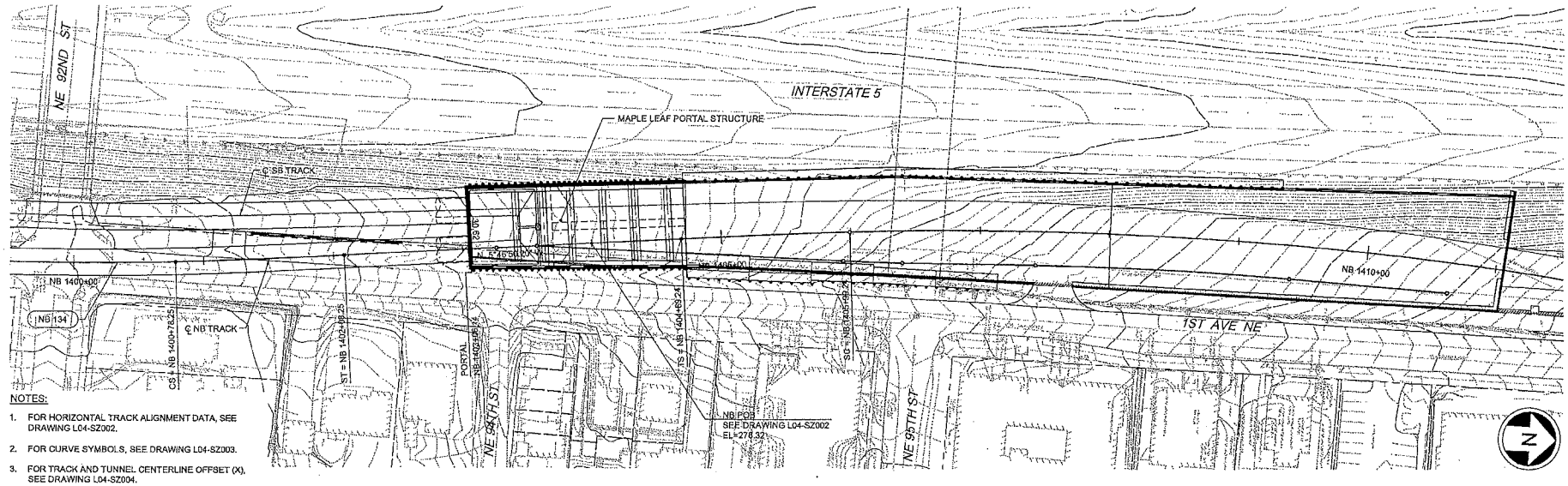
JACOBS ASSOCIATES
Engineers/Consultants
PB PARSONS BRINCKERHOFF
Submitted: I. LAMB Date: 10/05/12
Approved: S. AL-TAMIMI Date: 10/05/12

SOUNDTRANSIT
Date: 10/05/12

Scale: H:1"=40';V:1"=10'
Filename: N60_L10_KP118.dwg
Contract No: N160

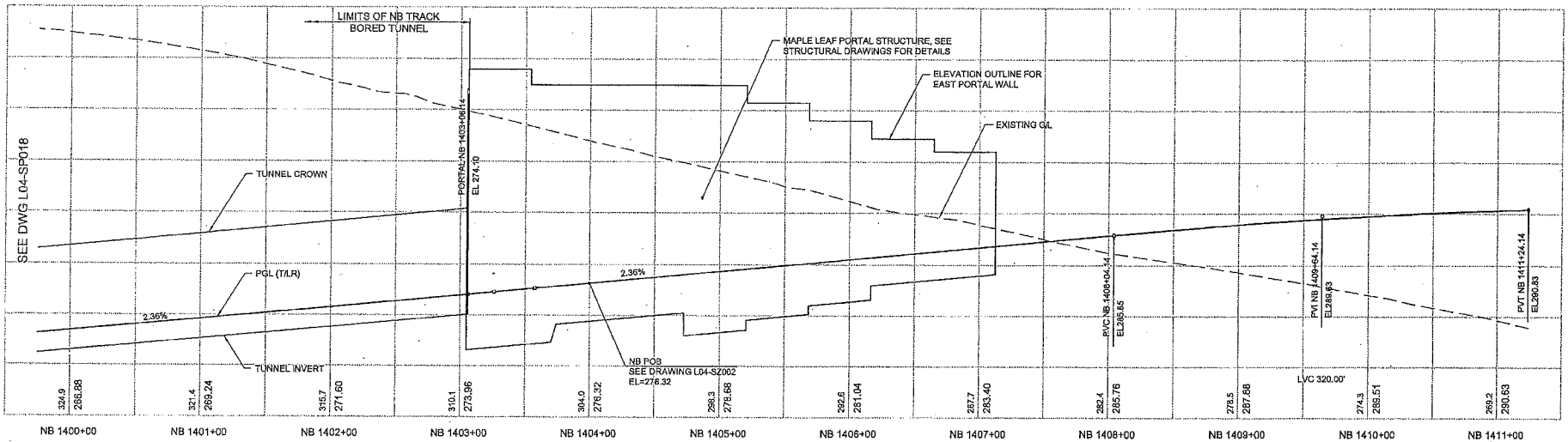
LINK CONTRACT N160
NORTHGATE STATION & ELEVATED GUIDEWAY
TRACK
PLAN AND NB PROFILE
STA NB 1400+00 TO STA NB 1411+00

Drawing No. L10-KP118
Vault Plan No.
Sheet No. 4
Rev No. 0



NOTES:

1. FOR HORIZONTAL TRACK ALIGNMENT DATA, SEE DRAWING L04-SZ002.
2. FOR CURVE SYMBOLS, SEE DRAWING L04-SZ003.
3. FOR TRACK AND TUNNEL CENTERLINE OFFSET (X), SEE DRAWING L04-SZ004.



No.	Date	Dsn	Chk	App	Revisions

City of Seattle

Work Order No: | Approved:
Permit No: | Inspector's Book:
Received:
Revised As Built:
SDOT:

Designed By: S. NJOLOMA
Drawn By: A. BYERS
Checked By: A. MENCKE
Approved By: A. MENCKE

90% SUBMITTAL

JACOBS ASSOCIATES
Engineers/Consultants
BOLIMA DRAFTING & DESIGN INC.

Submitted: I. LAMB Date: 09/06/12
Approved: S. AL-TAMIMI Date: 09/06/12

SOUNDTRANSIT

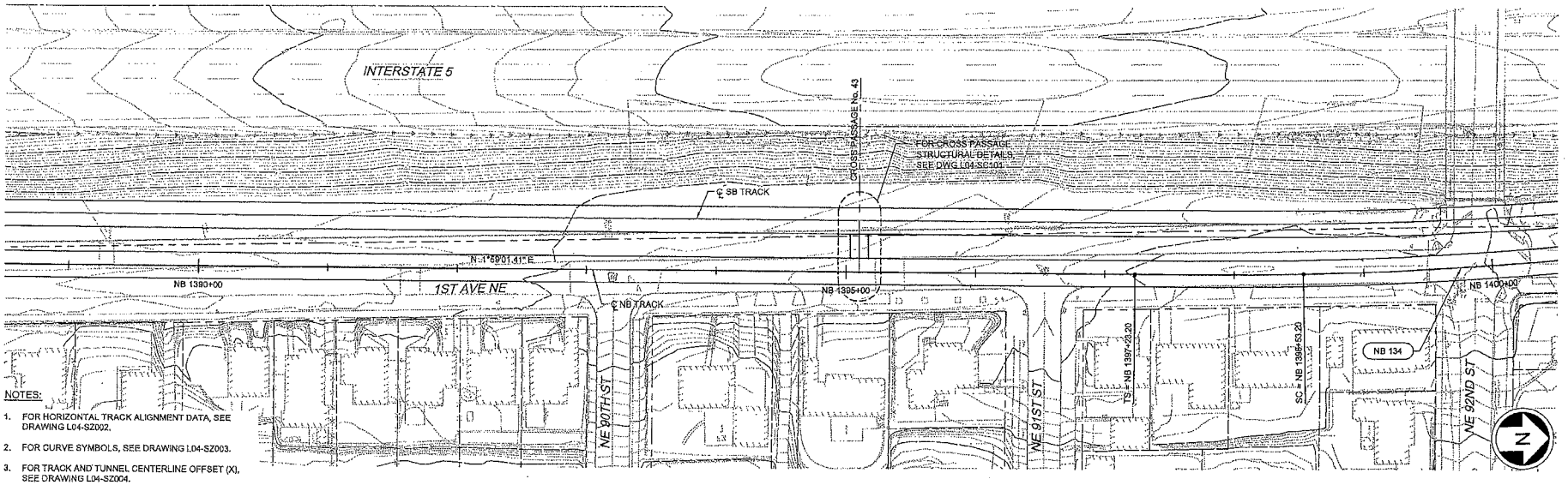
Scale: H:1"=40';V:1"=10'
Filename: N25_L04_SP019.dwg
Contract No: N125
Date: 09/06/12

LINK CONTRACT N125
TUNNELS, PORTAL AND STATION EXCAVATIONS

TUNNEL STRUCTURE
NB PLAN AND PROFILE
STA NB 1400+00 TO STA NB 1411+00

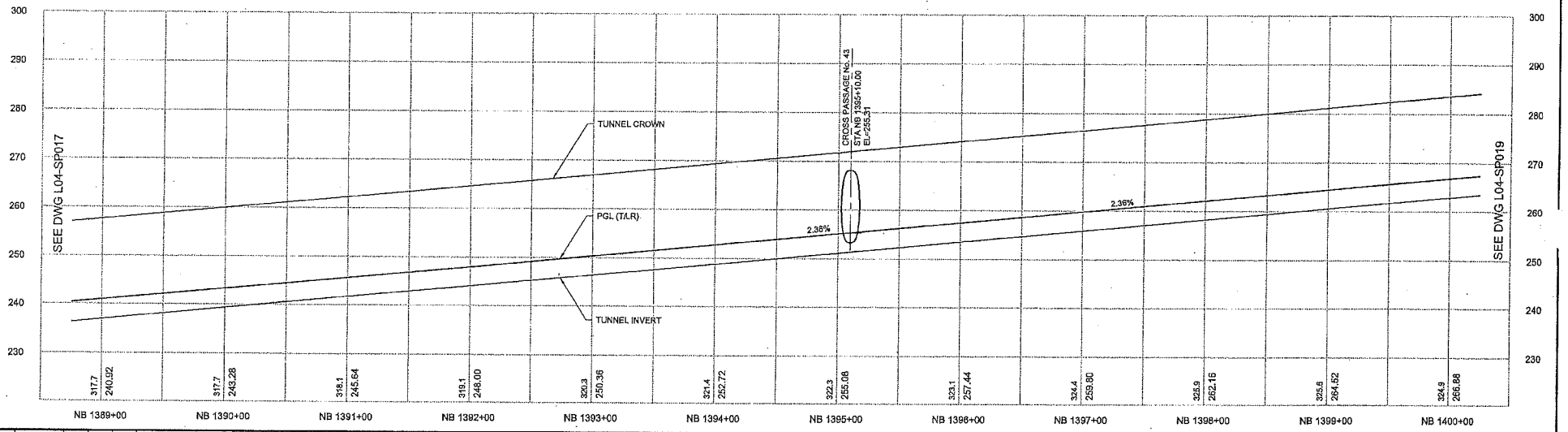
Drawing No. L04-SP019
Vault Plan No.
Sheet No. 5
Rev No. 0

BNS CITY CLERK



NOTES:

1. FOR HORIZONTAL TRACK ALIGNMENT DATA, SEE DRAWING L04-SZ002.
2. FOR CURVE SYMBOLS, SEE DRAWING L04-SZ003.
3. FOR TRACK AND TUNNEL CENTERLINE OFFSET (X), SEE DRAWING L04-SZ004.



No.	Date	Dsn	Chk	App	Revisions

City of Seattle

Work Order No: | Approved:
Permit No: | Inspector's Book:
Received:
Revised As Built:
SDOT:

Designed By: S. NJOLOMA
Drawn By: A. BYERS
Checked By: A. MENCKE
Approved By: A. MENCKE

90% SUBMITTAL

JACOBS ASSOCIATES
Engineers/Consultants
BOLIMA DRAFTING & DESIGN INC.

Submitted: I. LAMB | Date: 09/06/12
Approved: S. AL-TAMIMI | Date: 09/06/12

SOUNDTRANSIT

Scale: H:1"=40';V:1"=10'
Filename: N25_L04_SP018.dwg
Contract No: N125
Date: 09/06/12

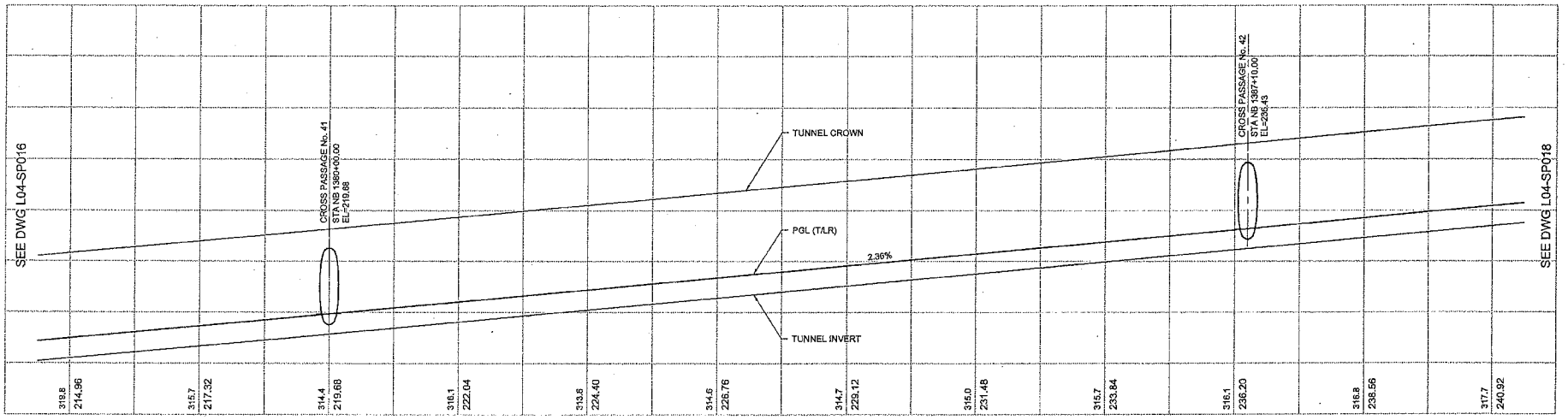
LINK CONTRACT N125
TUNNELS, PORTAL AND STATION EXCAVATIONS

TUNNEL STRUCTURE
NB PLAN AND PROFILE
STA NB 1389+00 TO STA NB 1400+00

Drawing No. L04-SP018
Vault Plan No.
Sheet No. 6 | Rev No. 0

NOTES:

1. FOR HORIZONTAL TRACK ALIGNMENT DATA, SEE DRAWING L04-SZ002.
2. FOR CURVE SYMBOLS, SEE DRAWING L04-SZ003.
3. FOR TRACK AND TUNNEL CENTERLINE OFFSET (X), SEE DRAWING L04-SZ004.



No.	Date	Des	Chk	App	Revisions

City of Seattle

Work Order No:	Approved:
Permit No:	Inspector's Book:
	Received:
	Revised As Built:
SDOT:	

Designed By:	S. NJOLOMA
Drawn By:	A. BYERS
Checked By:	A. MENCKE
Approved By:	A. MENCKE

90% SUBMITTAL

JACOBS ASSOCIATES
Engineers/Consultants
BOLIMA DRAFTING & DESIGN INC.

Submitted:	Date:	Approved:	Date:
I. LAMB	09/06/12	S. AL-TAMIMI	09/06/12

IF NOT 1 INCH AT FULL SIZE ADJUST SCALES ACCORDINGLY

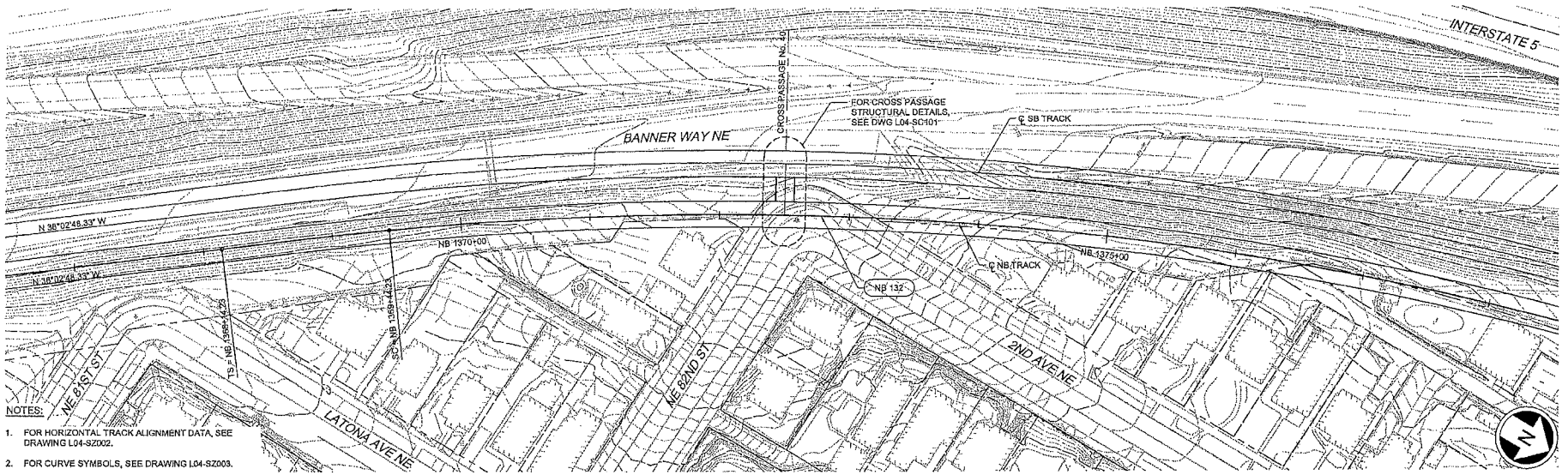
SOUNDTRANSIT

Scale:	H:1"=40',V:1"=10'
Filename:	N25_L04_SP017.dwg
Contract No:	N125
Date:	09/06/12

LINK CONTRACT N125
TUNNELS, PORTAL AND STATION EXCAVATIONS

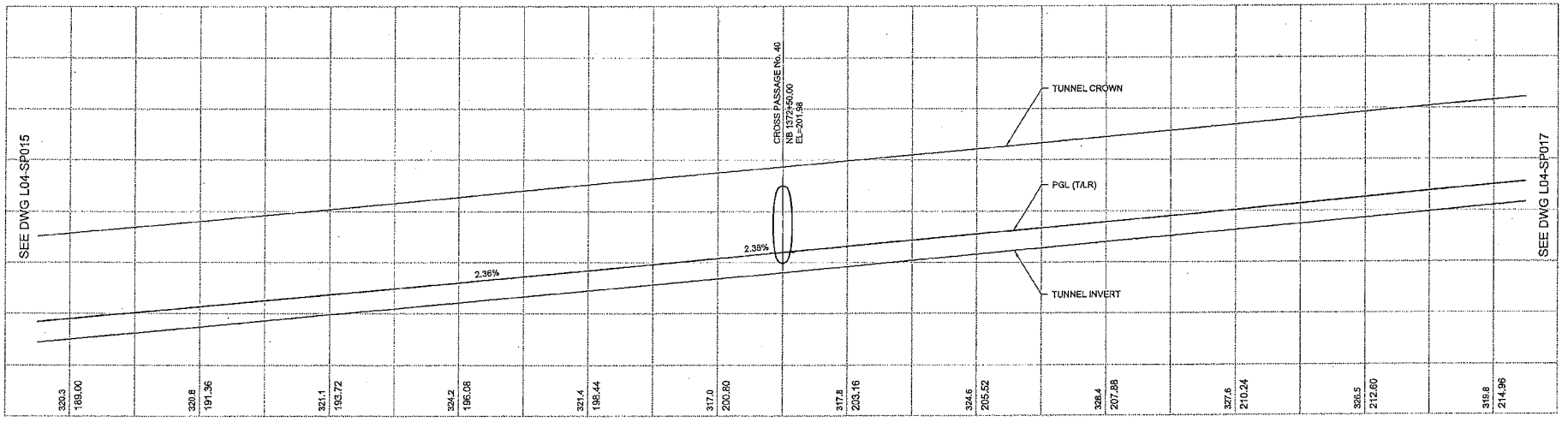
TUNNEL STRUCTURE
NB PLAN AND PLOT
STA NB 1378+00 TO STA NB 1389+00

Drawing No.	L04-SP017
Vault Plan No.	
Sheet No.	7
Rev No.	0



NOTES:

1. FOR HORIZONTAL TRACK ALIGNMENT DATA, SEE DRAWING L04-SZ002.
2. FOR CURVE SYMBOLS, SEE DRAWING L04-SZ003.
3. FOR TRACK AND TUNNEL CENTERLINE OFFSET (X), SEE DRAWING L04-SZ004.



No.	Date	Dsn	Chk	App	Revisions

City of Seattle

Work Order No:	Approved:
Permit No:	Inspector's Book:
	Received:
	Revised As Built:
SDOT:	

Designed By:	S. NJOLOMA
Drawn By:	A. BYERS
Checked By:	A. MENCKE
Approved By:	A. MENCKE

90% SUBMITTAL

JACOBS ASSOCIATES
Engineers/Consultants
BOLIMA DRAFTING & DESIGN INC.

Submitted:	Date:	Approved:	Date:
I. LAMB	09/06/12	S. AL-TAMIMI	09/06/12

LINE IS 1 INCH AT FULL SIZE

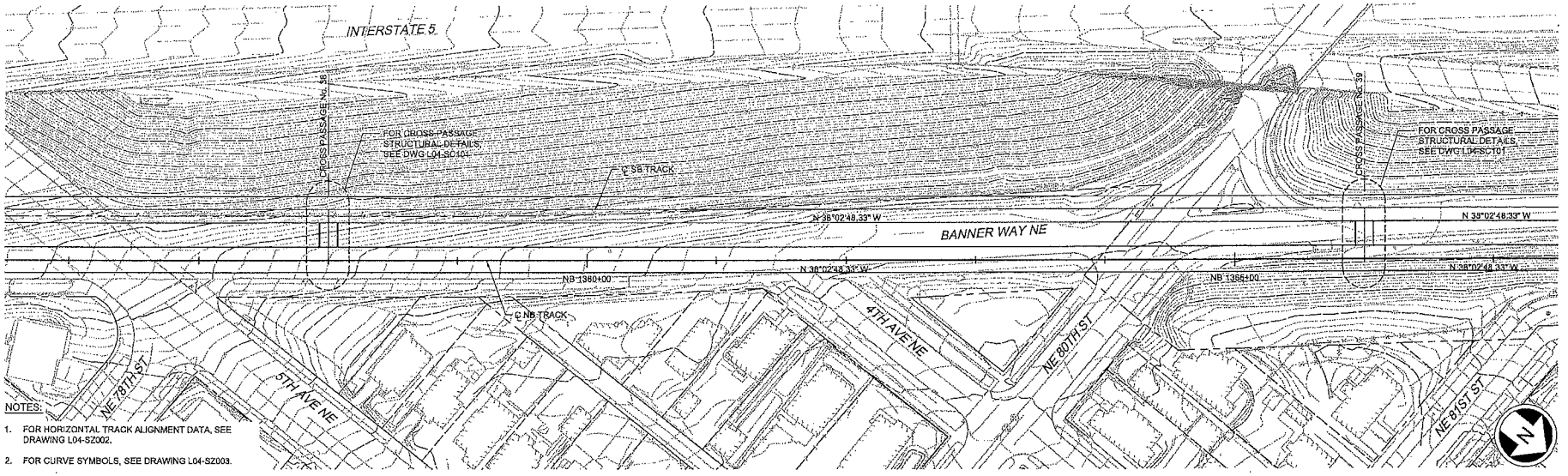
SOUNDTRANSIT

Scale:	H:1"=40';V:1"=10'
Filename:	N25_L04_SP015.dwg
Contract No:	N125
Date:	09/06/12

LINK CONTRACT N125
TUNNELS, PORTAL AND STATION EXCAVATIONS

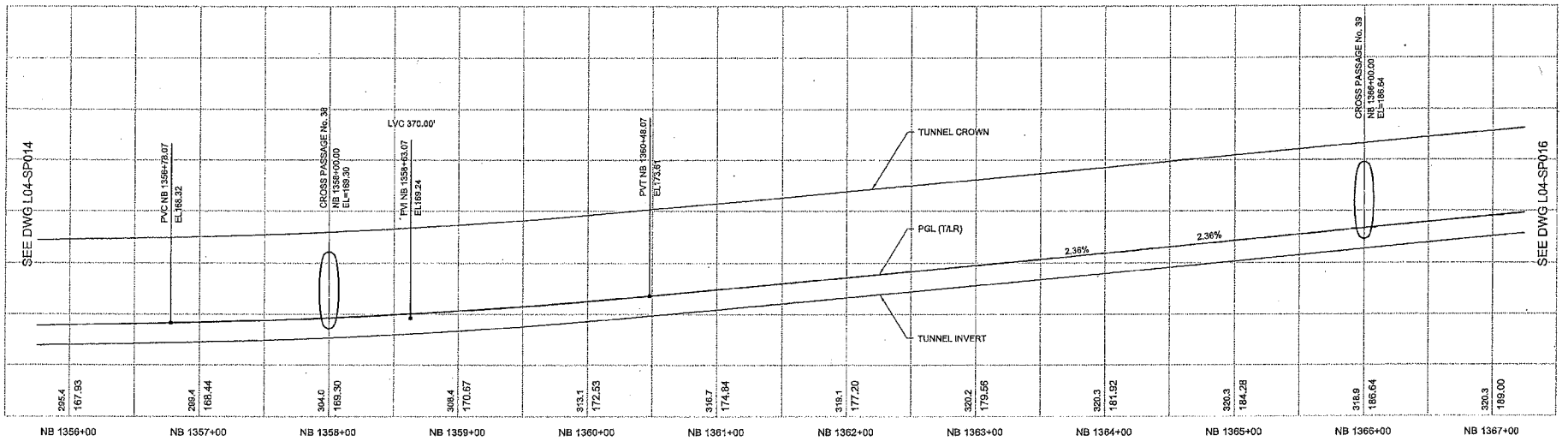
TUNNEL STRUCTURE
NB PLAN AND PROFILE
STA NB 1367+00 TO STA NB 1378+00

Drawing No.	L04-SP016
Vault Plan No.	
Sheet No.	8
Rev No.	0



NOTES:

1. FOR HORIZONTAL TRACK ALIGNMENT DATA, SEE DRAWING L04-SZ002.
2. FOR CURVE SYMBOLS, SEE DRAWING L04-SZ003.
3. FOR TRACK AND TUNNEL CENTERLINE OFFSET (X), SEE DRAWING L04-SZ004.



No.	Date	Dsn	Chk	App	Revisions

City of Seattle

Work Order No: | Approved:
Permit No: | Inspector's Book:
Received:
Revised As Built:
SDOT:

Designed By: S. NJOLOMA
Drawn By: A. BYERS
Checked By: A. MENCKE
Approved By: A. MENCKE

90% SUBMITTAL

JACOBS ASSOCIATES
Engineers/Consultants
BOLIMA DRAFTING & DESIGN INC.

LINE IS 1 INCH AT FULL SIZE

SOUNDTRANSIT

Submitted: I. LAMB Date: 09/06/12
Approved: S. AL-TAMIMI Date: 09/06/12

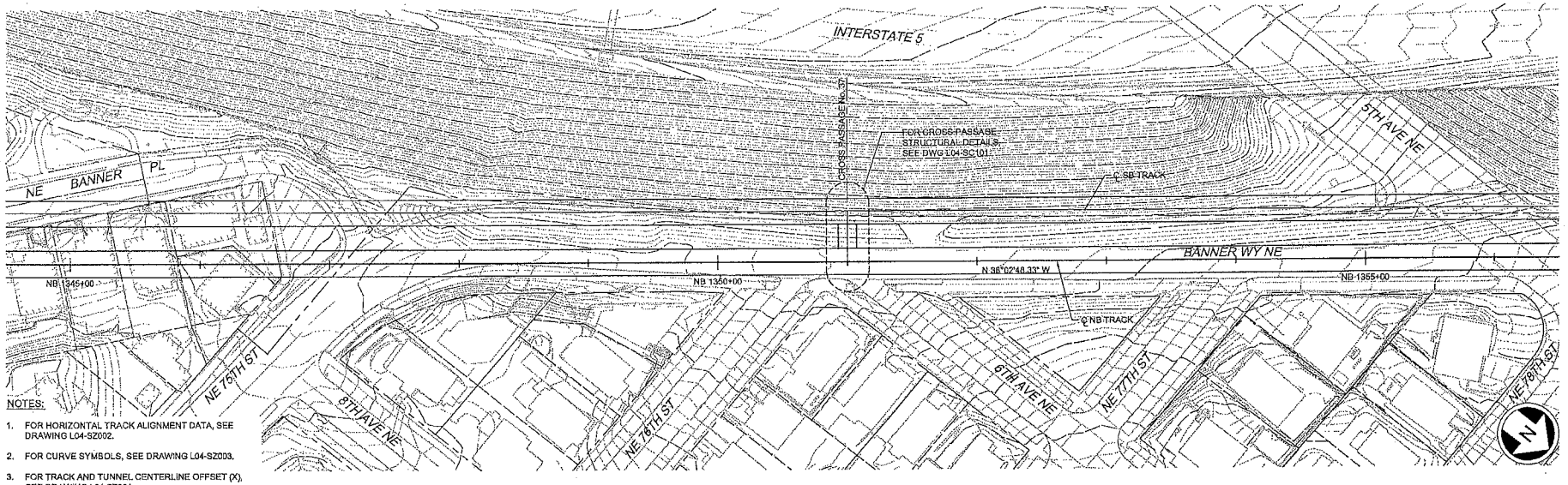
Scale: H:1"=40';V:1"=10'
Filename: N25_L04_SP015.dwg
Contract No: N125
Date: 09/06/12

LINK CONTRACT N125
TUNNELS, PORTAL AND STATION EXCAVATIONS

TUNNEL STRUCTURE
NB PLAN AND PROFILE
STA NB 1356+00 TO STA NB 1367+00

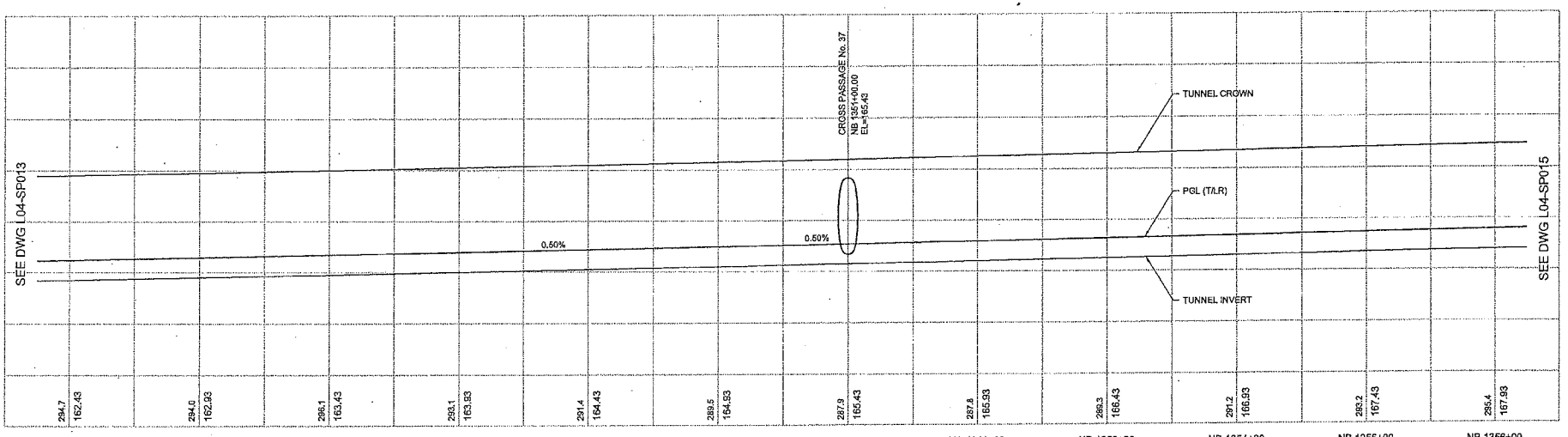
Drawing No. L04-SP015
Vault Plan No.
Sheet No. 9 Rev No. 0

DWG CITY CLERK



NOTES:

1. FOR HORIZONTAL TRACK ALIGNMENT DATA, SEE DRAWING L04-SZ002.
2. FOR CURVE SYMBOLS, SEE DRAWING L04-SZ003.
3. FOR TRACK AND TUNNEL CENTERLINE OFFSET (X), SEE DRAWING L04-SZ004.



No.	Date	Dsn	Chk	App	Revisions

City of Seattle

Work Order No:	Approved:
Permit No:	Inspector's Book:
	Received:
	Revised As Built:
SDOT:	

Designed By:	S. NJOLOMA
Drawn By:	A. BYERS
Checked By:	A. MENCKE
Approved By:	A. MENCKE

90% SUBMITTAL

JACOBS ASSOCIATES
Engineers/Consultants
BOLIMA DRAFTING & DESIGN INC.

Submitted:	Date:	Approved:	Date:
I. LAMB	09/06/12	S. AL-TAMIMI	09/06/12

LINE IS 1 INCH AT FULL SIZE (IF NOT, SCALE ACCORDINGLY)

SOUNDTRANSIT

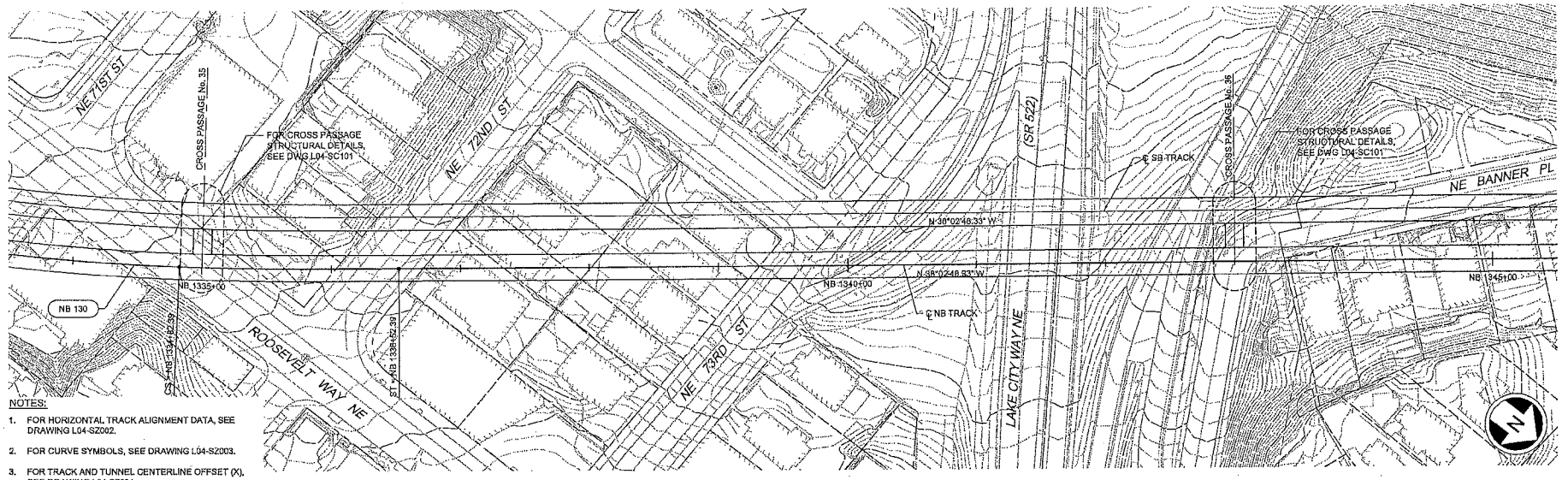
Scale:	H:1"=40';V:1"=10'
Filename:	N25_L04_SP014.dwg
Contract No:	N125
Date:	09/06/12

LINK CONTRACT N125
TUNNELS, PORTAL AND STATION EXCAVATIONS

TUNNEL STRUCTURE
NB PLAN AND PROFILE
STA NB 1345+00 TO STA NB 1356+00

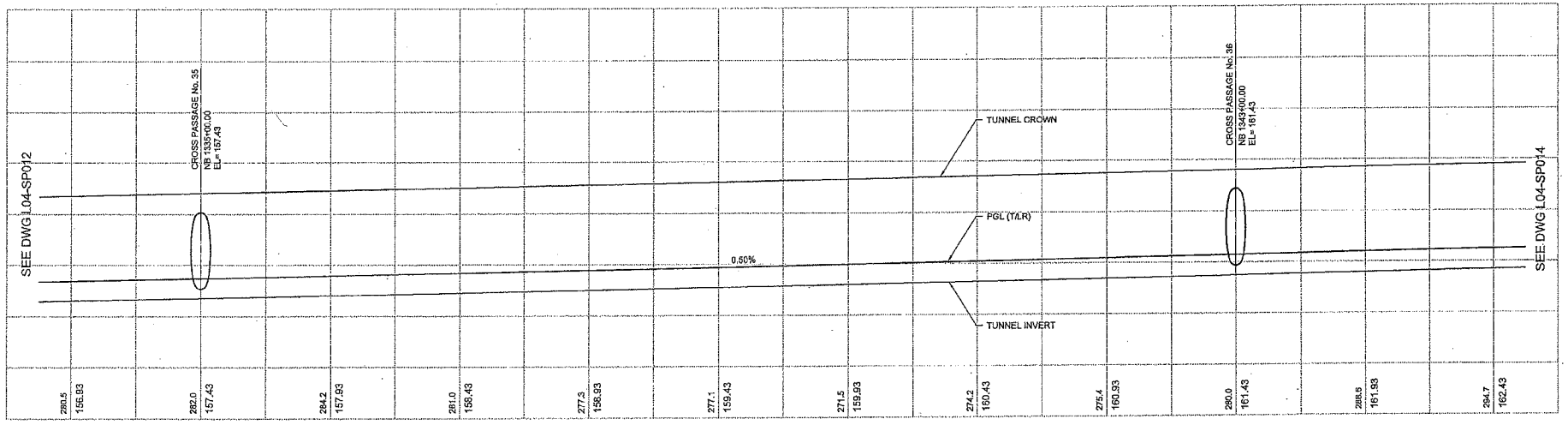
Drawing No.	L04-SP014
Vault Plan No.	
Sheet No.	10
Rev No.	0

VAULT SERIAL NO.	DATE	MARK	NATURE REVISIONS	MADE CHK'D	REV'D



NOTES:

1. FOR HORIZONTAL TRACK ALIGNMENT DATA, SEE DRAWING L04-SZ002.
2. FOR CURVE SYMBOLS, SEE DRAWING L04-SZ003.
3. FOR TRACK AND TUNNEL CENTERLINE OFFSET (X), SEE DRAWING L04-SZ004.



No.	Date	Dsn	Chk	App	Revisions

City of Seattle

Work Order No:	Approved:
Permit No:	Inspector's Book:
	Received:
SDOT:	Revised As Built:

Designed By:	S. NJOLOMA
Drawn By:	A. BYERS
Checked By:	A. MENCKE
Approved By:	A. MENCKE

90% SUBMITTAL

JACOBS ASSOCIATES
Engineers/Consultants
BOLIMA DRAFTING & DESIGN INC.

Submitted:	Date:	Approved:	Date:
I. LAMB	09/06/12	S. AL-TAMIMI	09/06/12

LINE IS 1 INCH AT FULL SIZE IF NOT ADJUST SCALE ACCORDINGLY

SOUNDTRANSIT

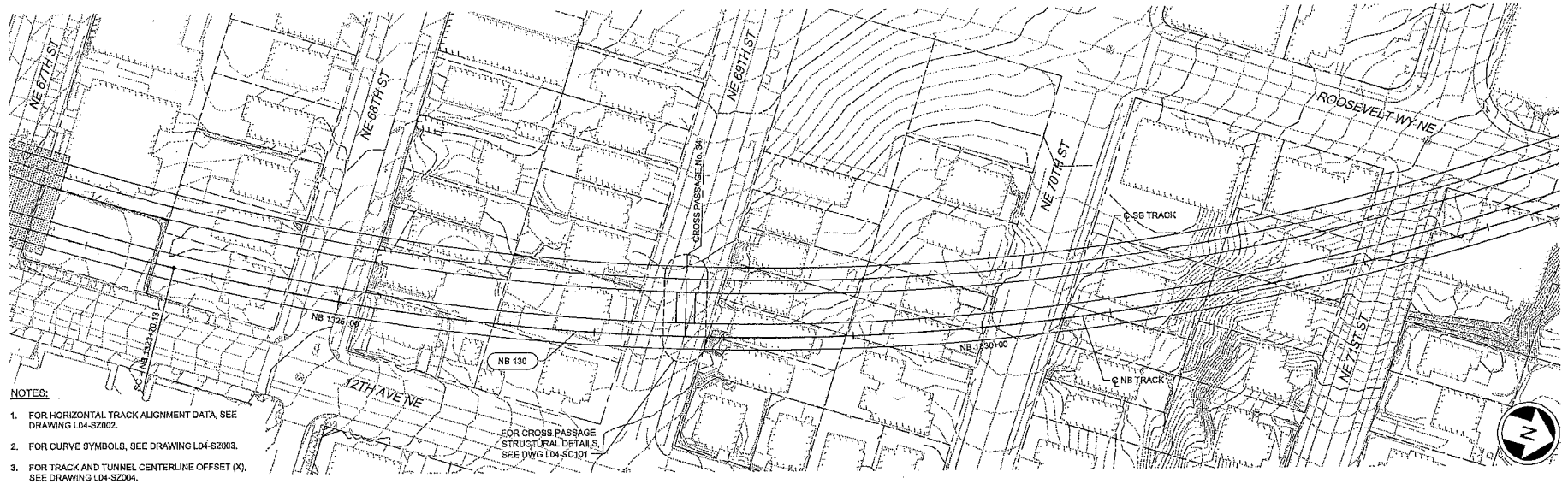
Scale:	H:1"=40';V:1"=10'
Filename:	N25_L04_SP013.dwg
Contract No:	N125
Date:	09/06/12

LINK CONTRACT N125
TUNNELS, PORTAL AND STATION EXCAVATIONS

TUNNEL STRUCTURE
NB PLAN AND PROFILE
STA NB 1334+00 TO STA NB 1345+00

Drawing No.	L04-SP013
Vault Plan No.	
Sheet No.	11
Rev No.	0

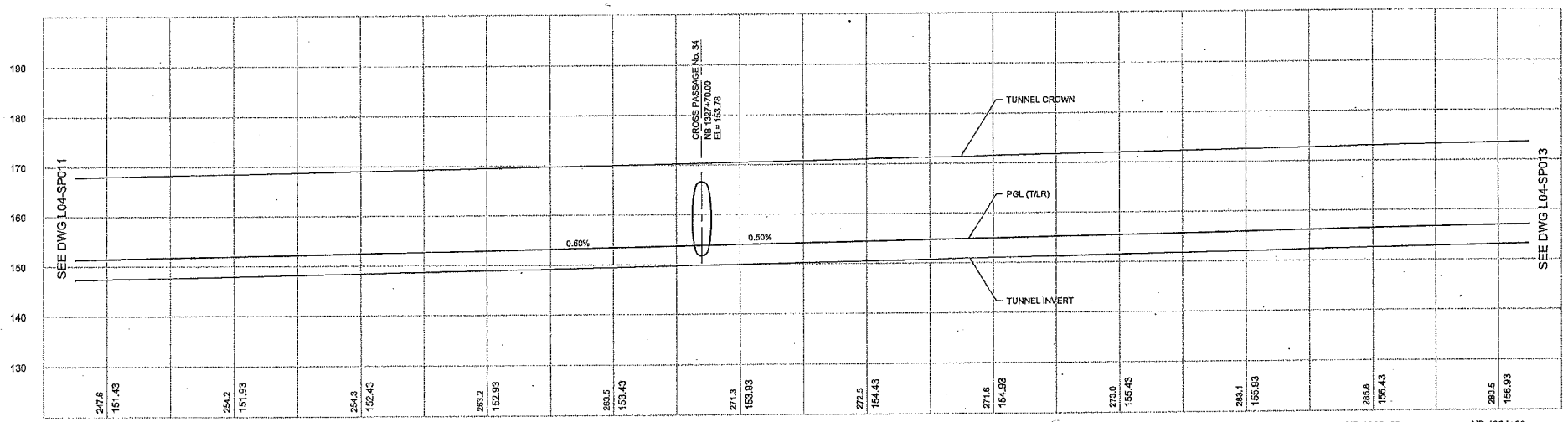
DATE	MARK	NATURE	REVISIONS	MADE/CHKD	REVD
VAULT SERIAL NO.					



NOTES:

1. FOR HORIZONTAL TRACK ALIGNMENT DATA, SEE DRAWING L04-SZ002.
2. FOR CURVE SYMBOLS, SEE DRAWING L04-SZ003.
3. FOR TRACK AND TUNNEL CENTERLINE OFFSET (X), SEE DRAWING L04-SZ004.

FOR CROSS PASSAGE STRUCTURAL DETAILS, SEE DWG L04-SC101



No.	Date	Des	Chk	App	Revisions

City of Seattle

Work Order No:	Approved:
Permit No:	Inspector's Book:
	Received:
	Revised As Built:
SDOT:	

Designed By:	S. NJOLOMA
Drawn By:	A. BYERS
Checked By:	A. MENCKE
Approved By:	A. MENCKE

90% SUBMITTAL

JACOBS ASSOCIATES
Engineers/Consultants
BOLIMA DRAFTING & DESIGN INC.

Submitted:	Date:	Approved:	Date:
I. LAMB	09/06/12	S. AL-TAMIMI	09/06/12

LINE IS 1 INCH AT FULL SIZE

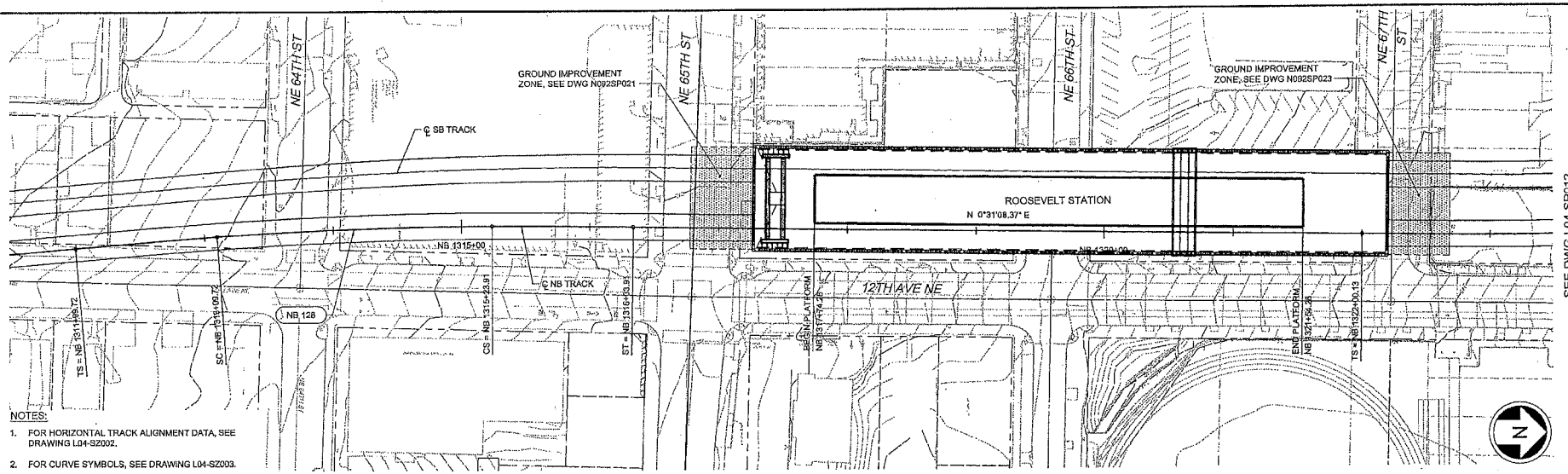
SOUNDTRANSIT

Scale:	H:1"=40';V:1"=10'
Filename:	N25_L04_SP012.dwg
Contract No:	N125
Date:	09/06/12

LINK CONTRACT N125
TUNNELS, PORTAL AND STATION EXCAVATIONS

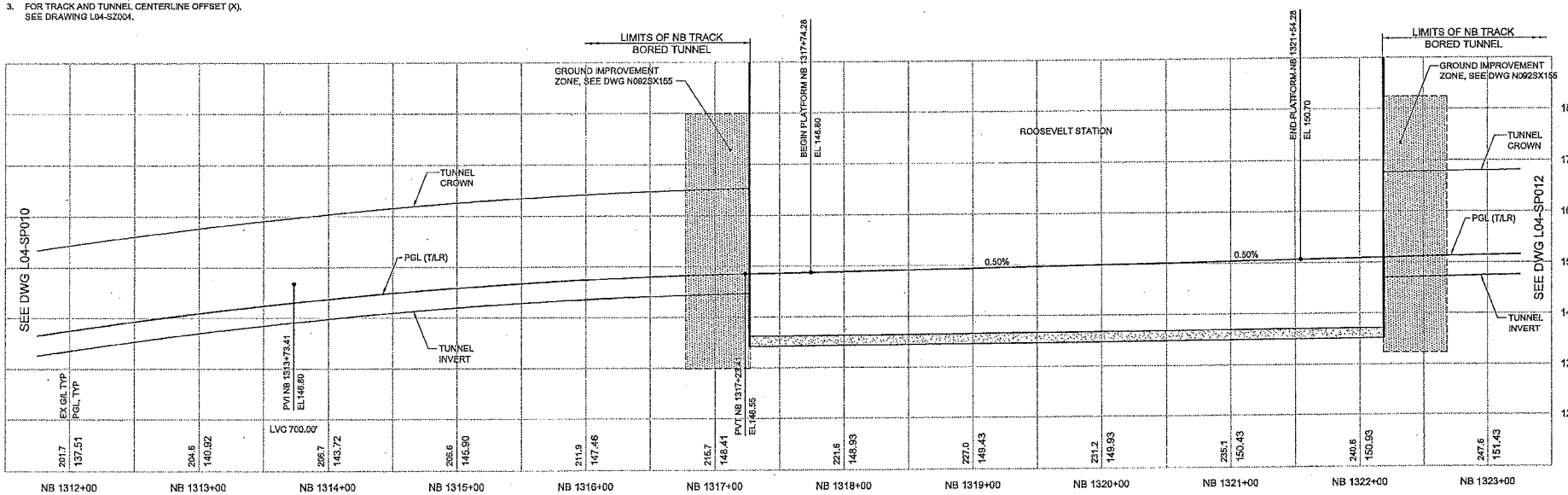
TUNNEL STRUCTURE
NB PLAN AND PROFILE
STA NB 1323+00 TO STA NB 1334+00

Drawing No.	L04-SP012
Vault Plan No.	
Sheet No.	12
Rev No.	0



NOTES:

1. FOR HORIZONTAL TRACK ALIGNMENT DATA, SEE DRAWING L04-SZ002.
2. FOR CURVE SYMBOLS, SEE DRAWING L04-SZ003.
3. FOR TRACK AND TUNNEL CENTERLINE OFFSET (X), SEE DRAWING L04-SZ004.



No.	Date	Dsn	Chk	App	Revisions

City of Seattle

Work Order No:	Approved:
Permit No:	Inspector's Book:
	Received:
	Revised As Built:
SDOT:	

Designed By:	S. NJOLOMA
Drawn By:	A. BYERS
Checked By:	A. MENCKE
Approved By:	A. MENCKE

90% SUBMITTAL

JACOBS ASSOCIATES
Engineers/Consultants
BOLIMA DRAFTING & DESIGN INC.

Submitted:	Date:	Approved:	Date:
I. LAMB	09/06/12	S. AL-TAMIMI	09/06/12

LINE IS 1 INCH AT FULL SIZE

SOUNDTRANSIT

Scale:	H:1"=40';V:1"=10'
Filename:	N25_L04_SP011.dwg
Contract No:	N125
Date:	09/06/12

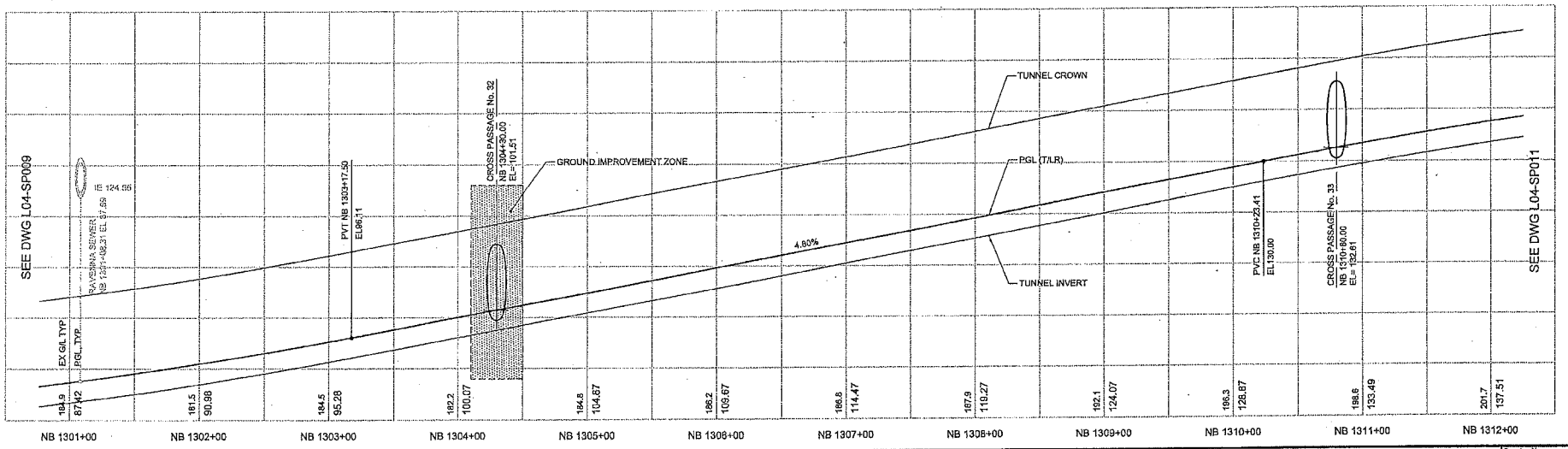
LINK CONTRACT N125
TUNNELS, PORTAL AND STATION EXCAVATIONS

TUNNEL STRUCTURE
NB PLAN AND PROFILE
STA NB 1312+00 TO STA NB 1323+00

Drawing No.	L04-SP011
Vault Plan No.	
Sheet No.	13
Rev No.	0

NOTES:

1. FOR HORIZONTAL TRACK ALIGNMENT DATA, SEE DRAWING L04-SZ002.
2. FOR CURVE SYMBOLS, SEE DRAWING L04-SZ003.
3. FOR TRACK AND TUNNEL CENTERLINE OFFSET (X), SEE DRAWING L04-SZ004.



No.	Date	Dsn	Clk	App	Revisions

City of Seattle

Work Order No:	Approved:
Permit No:	Inspector's Book:
	Received:
	Revised As Built:
SDOT:	

Designed By:	S. NJOLOMA
Drawn By:	A. BYERS
Checked By:	A. MENCKE
Approved By:	A. MENCKE

90% SUBMITTAL

JACOBS ASSOCIATES
Engineers/Consultants
BOLIMA DRAFTING & DESIGN INC.

Submitted:	Date:	Approved:	Date:
I. LAMB	09/06/12	S. AL-TAMIMI	09/06/12

SOUNDTRANSIT

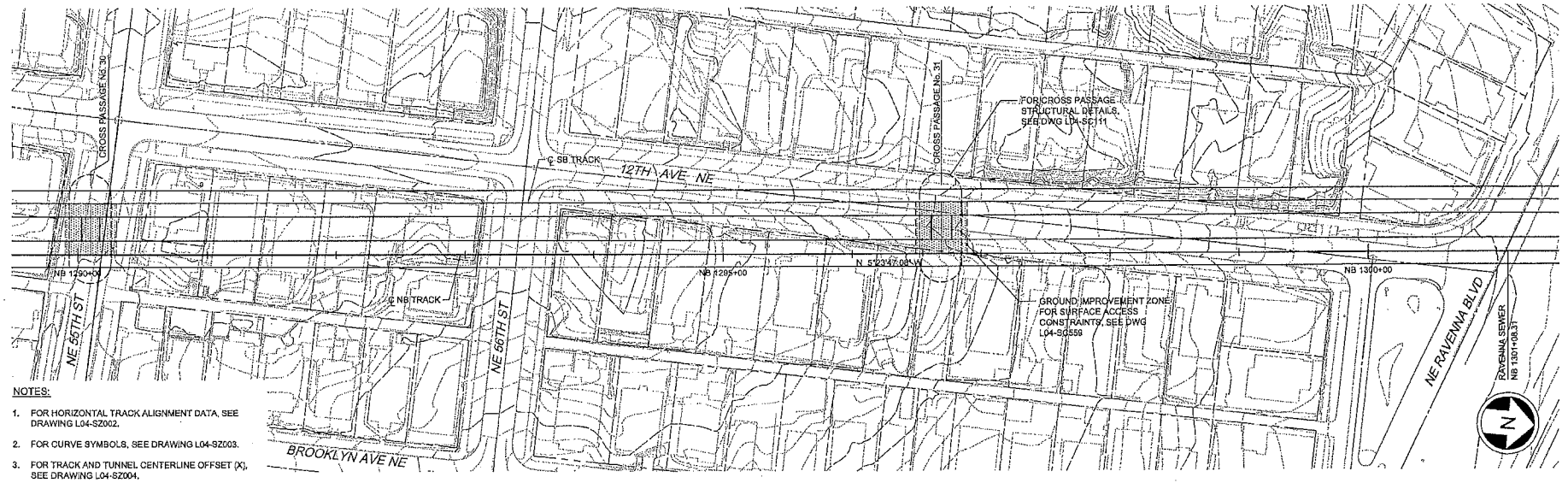
Scale:	H:1"=40';V:1"=10'
Filename:	N25_L04_SP010.dwg
Contract No:	N125
Date:	09/06/12

LINE IS 1 INCH AT FULL SIZE IF NOT, ADJUST ACCORDINGLY

LINK CONTRACT N125
TUNNELS, PORTAL AND STATION EXCAVATIONS

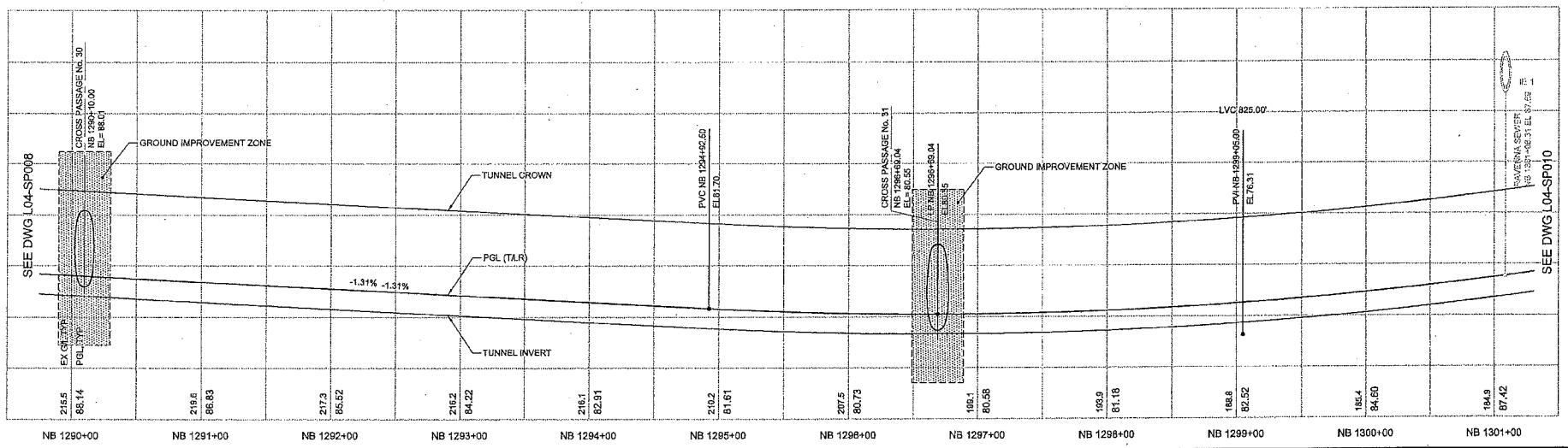
TUNNEL STRUCTURE
NB PLAN AND PROFILE
STA NB 1301+00 TO STA NB 1312+00

Drawing No.	L04-SP010
Vault Plan No.	
Sheet No.	14
Rev No.	0



NOTES:

1. FOR HORIZONTAL TRACK ALIGNMENT DATA, SEE DRAWING L04-SZ002.
2. FOR CURVE SYMBOLS, SEE DRAWING L04-SZ003.
3. FOR TRACK AND TUNNEL CENTERLINE OFFSET (X), SEE DRAWING L04-SZ004.



No.	Date	Dsn	Chk	App	Revisions

City of Seattle

Work Order No:	Approved:
Permit No:	Inspector's Book:
	Received:
	Revised As Built:
SDOT:	

Designed By:	S. NJOLOMA
Drawn By:	A. BYERS
Checked By:	A. MENCKE
Approved By:	A. MENCKE

JACOBS ASSOCIATES
Engineers/Consultants
BOLIMA DRAFTING & DESIGN INC.

Submitted:	Date:	Approved:	Date:
I. LAMB	09/06/12	S. AL-TAMIMI	09/06/12

90% SUBMITTAL

SOUNDTRANSIT

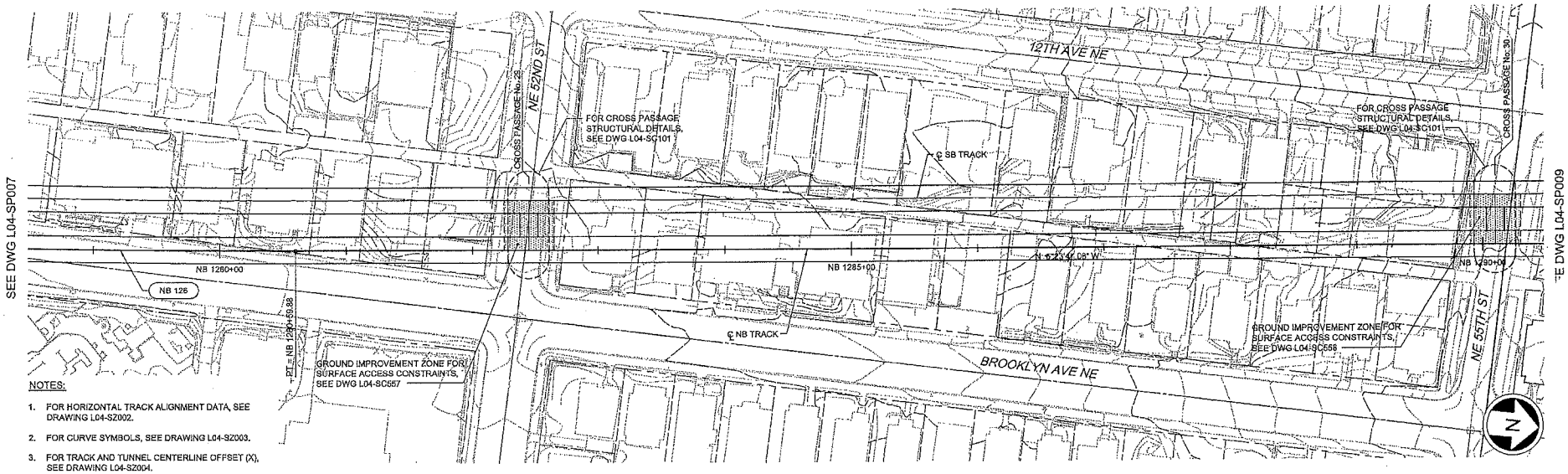
Scale:	H:1"=40';V:1"=10'
Filename:	N25_L04_SP009.dwg
Contract No:	N125
Date:	09/06/12

LINE IS 1 INCH AT FULL SIZE

LINK CONTRACT N125
TUNNELS, PORTAL AND STATION EXCAVATIONS

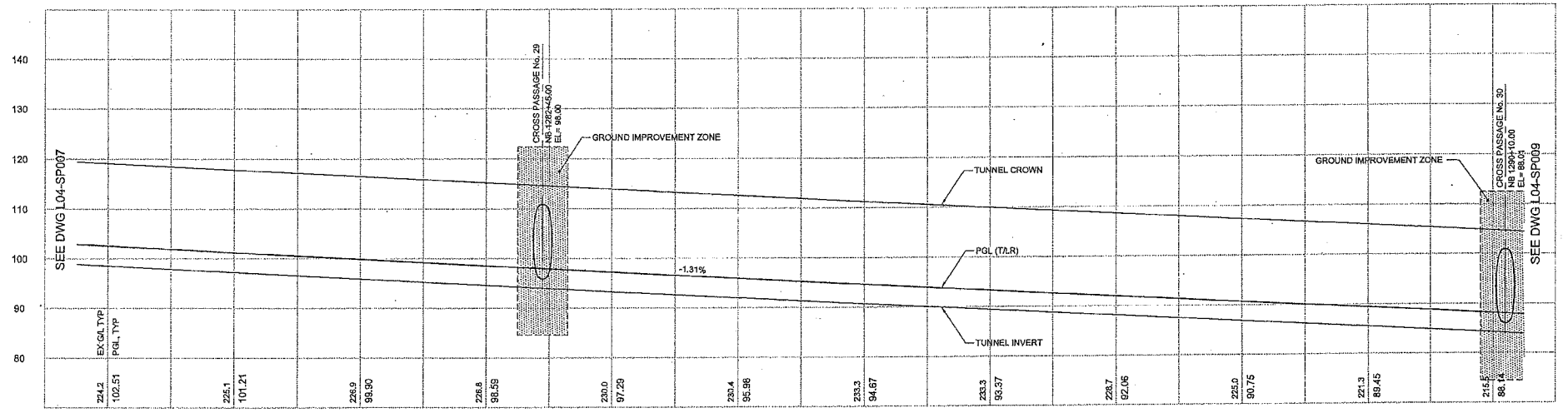
TUNNEL STRUCTURE
NB PLAN AND PROFILE
STA NB 1290+00 TO STA NB 1301+00

Drawing No.	L04-SP009
Vault Plan No.	
Sheet No.	15
Rev No.	0



NOTES:

1. FOR HORIZONTAL TRACK ALIGNMENT DATA, SEE DRAWING L04-SZ002.
2. FOR CURVE SYMBOLS, SEE DRAWING L04-SZ003.
3. FOR TRACK AND TUNNEL CENTERLINE OFFSET (X), SEE DRAWING L04-SZ004.



No.	Date	Des	Chk	App	Revisions

City of Seattle

Work Order No:	Approved:
Permit No:	Inspector's Book:
	Received:
	Revised As Built:
SDOT:	

Designed By:	S. NJOLOMA
Drawn By:	A. BYERS
Checked By:	A. MENCKE
Approved By:	A. MENCKE

STATE OF WASHINGTON — REGISTERED PROFESSIONAL ENGINEER

90% SUBMITTAL

JACOBS ASSOCIATES
Engineers/Consultants
BOLIMA DRAFTING & DESIGN INC.

Submitted:	Date:	Approved:	Date:
I. LAMB	09/06/12	S. AL-TAMIMI	09/06/12

LINE IS 1 INCH AT FULL SIZE IF NOT, SCALE ACCORDINGLY

SOUNDTRANSIT

Scale:	H:1"=40';V:1"=10'
Filename:	N25_L04_SP008.dwg
Contract No:	N125
Date:	09/06/12

LINK CONTRACT N125
TUNNELS, PORTAL AND STATION EXCAVATIONS

TUNNEL STRUCTURE
NB PLAN AND PROFILE
STA NB 1279+00 TO STA NB 1290+00

Drawing No.	L04-SP008
Vault Plan No.	
Sheet No.	16
Rev No.	0

VAULT SERIAL NO. | DATE | MARK | NATURE OF REVISIONS | JACOBS APVD | SDOT APVD

DWG INFO:
LTSCALE:
1=1
XREFS:
-Bind:
-InsBlk:
N03_L04_SP
N08_L04_SV
N02_L12_RA
REG-AM2
SUB-3056A
X375cn
X215cn
X215xt
X217cn
X217rs
X217xt
ZG-32343EA
2p gdm2d
-Unreconc:

BUDGET 12:41:45 PM
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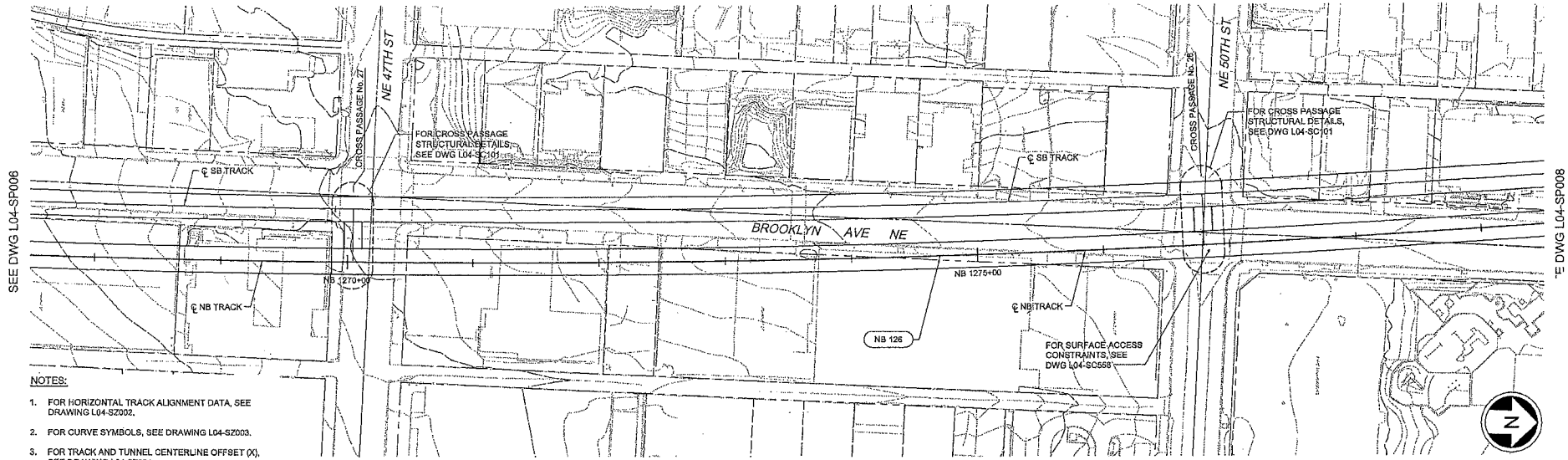
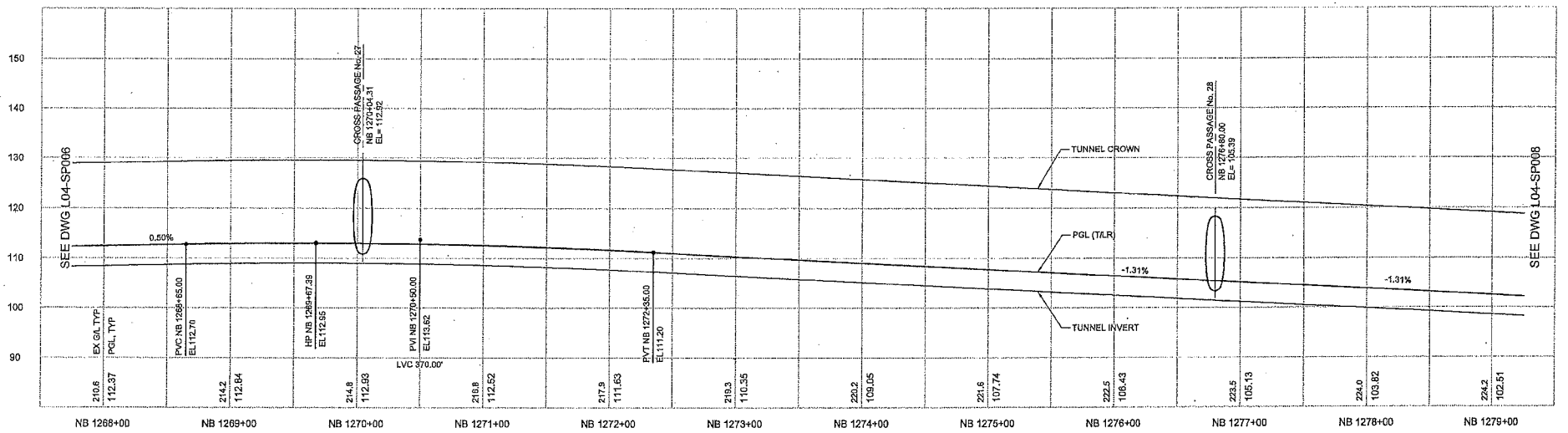


NOTES:

1. FOR HORIZONTAL TRACK ALIGNMENT DATA, SEE DRAWING L04-SZ002.
2. FOR CURVE SYMBOLS, SEE DRAWING L04-SZ003.
3. FOR TRACK AND TUNNEL CENTERLINE OFFSET (X), SEE DRAWING L04-SZ004.



No.	Date	Des	Chk	App	Revisions

City of Seattle

Work Order No:	Approved:
Permit No:	Inspector's Book:
	Received:
	Revised As Built:
SDOT:	

Designed By:	S. NJOLOMA
Drawn By:	A. BYERS
Checked By:	A. MENCKE
Approved By:	A. MENCKE

90% SUBMITTAL

JACOBS ASSOCIATES
Engineers/Consultants
BOLIMA DRAFTING & DESIGN INC.

Submitted:	Date:	Approved:	Date:
I. LAMB	09/06/12	S. AL-TAMIMI	09/06/12

LINE IS 1 INCH AT FULL SIZE IF NOT, SCALE ACCORDINGLY

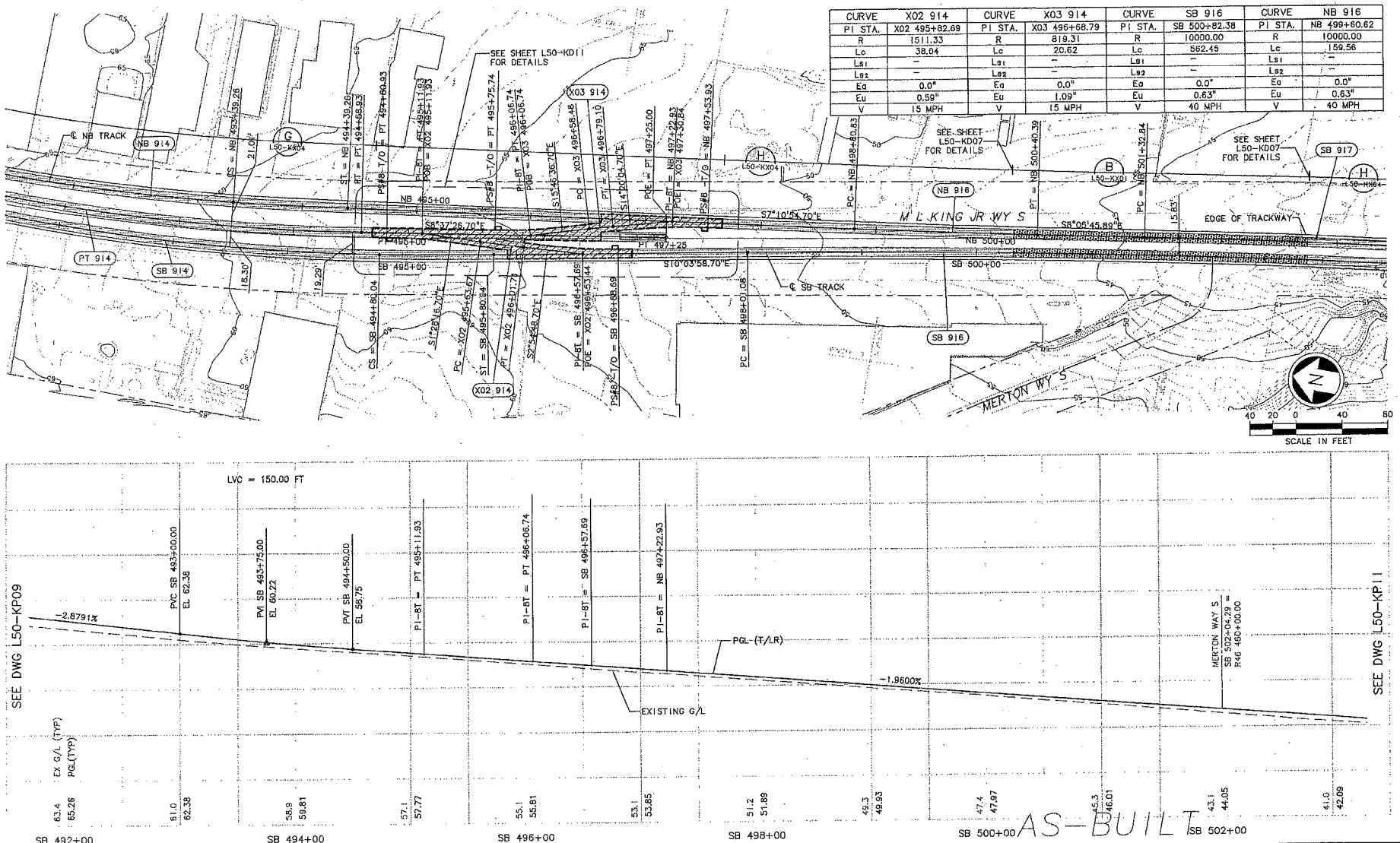
SOUNDTRANSIT

Scale:	H:1"=40';V:1"=10'
Filename:	N25_L04_SP007.dwg
Contract No:	N125
Date:	09/06/12

LINK CONTRACT N125
TUNNELS, PORTAL AND STATION EXCAVATIONS

TUNNEL STRUCTURE
NB PLAN AND PROFILE
STA NB 1268+00 TO STA NB 1279+00

Drawing No.	L04-SP007
Vault Plan No.	
Sheet No.	17
Rev No.	0



CURVE	X02 914	CURVE	X03 914	CURVE	SB 916	CURVE	NB 916
PI STA.	X02 495+82.69	PI STA.	X03 496+68.79	PI STA.	SB 500+82.38	PI STA.	NB 499+60.62
R	1511.33	R	819.31	R	10000.00	R	10000.00
Lc	38.04	Lc	20.62	Lc	562.45	Lc	159.56
Ls1	–	Ls1	–	Ls1	–	Ls1	–
Ls2	–	Ls2	–	Ls2	–	Ls2	–
Ea	0.0"	Ea	0.0"	Ea	0.0"	Ea	0.0"
Eu	0.59"	Eu	1.09"	Eu	0.63"	Eu	0.63"
V	15 MPH	V	15 MPH	V	40 MPH	V	40 MPH

No.	Date	Dsn.	Chk.	App.	Revisions
A	10/03/11				AS-BUILT
0	12/12/03				CONFORM

City of Seattle
Work Order No.
Permit No. Y1434
Approved:
Inspector's Book:
Received:
Revised As Built:
SDOT:

Designed By: A. LASKI
Drawn By: B. BOLIMA
Checked By: S. KINGSLEY
Approved By: B. SHINN

CH2MHILL
kpff Consulting Engineers
Submitted: S. KAMBOL Date: 12/12/03

SOUNDTRANSIT
Approved: T. RABEN Date: 12/12/03

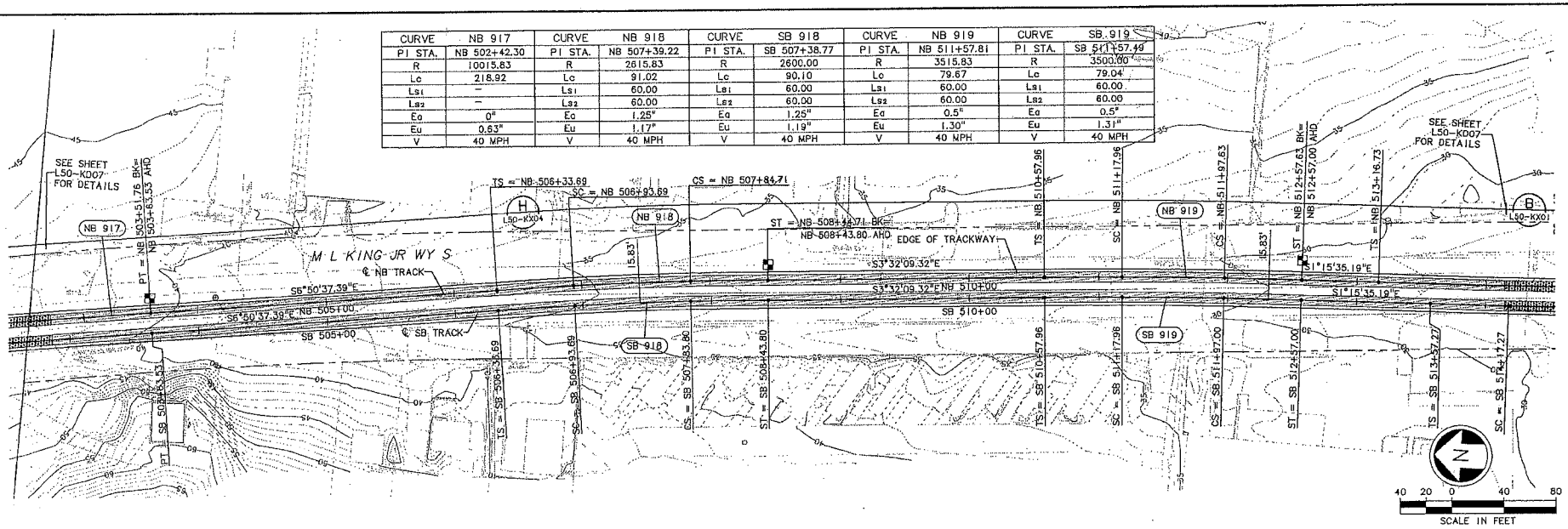
Scale: H: 1"=40'; V: 1"=10'
Filename: C40_L50_KP10.DWG
Contract No.: C 735
Date: 05/30/03

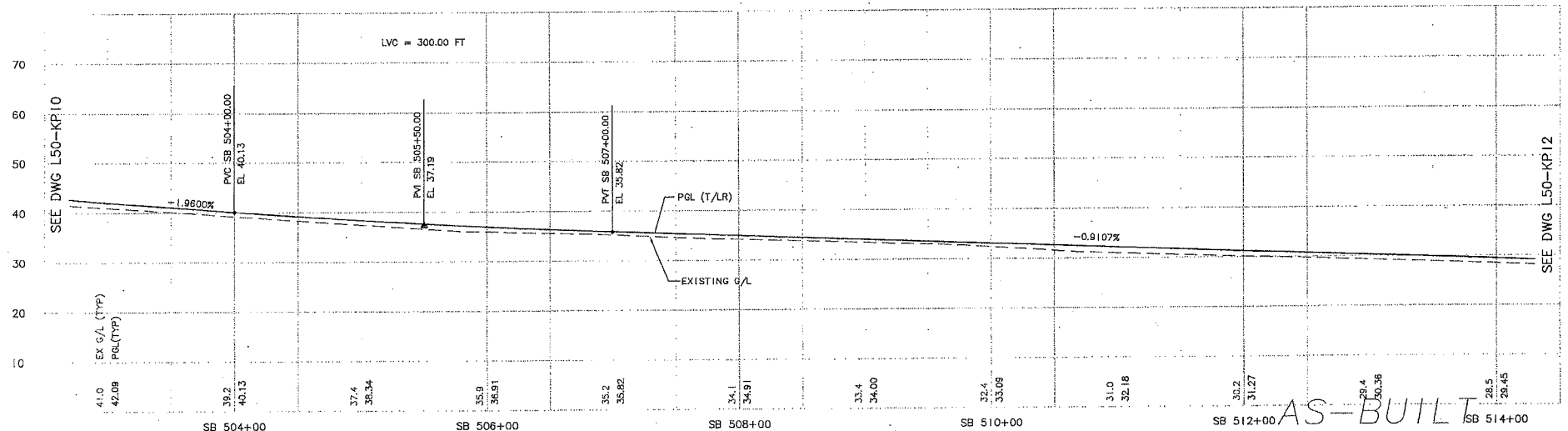
LINK LIGHT RAIL PROJECT
SOUTH CORRIDOR
TRACK PLAN & PROFILE
STA SB 492+00 TO STA SB 503+00

Drawing No.: L50-KP10
Vault Plan No.: 231-740
Sheet No.: 90
Rev.: A

34209

CURVE	NB 917	CURVE	NB 918	CURVE	SB 918	CURVE	NB 919	CURVE	SB 919
PI STA.	NB 502+42.30	PI STA.	NB 507+39.22	PI STA.	SB 507+38.77	PI STA.	NB 511+57.81	PI STA.	SB 511+57.49
R	10015.83	R	2615.83	R	2600.00	R	3515.83	R	3500.00
Lc	218.92	Lc	91.02	Lc	90.10	Lc	79.67	Lc	79.04
Ls1	–	Ls1	60.00	Ls1	60.00	Ls1	60.00	Ls1	60.00
Ls2	–	Ls2	60.00	Ls2	60.00	Ls2	60.00	Ls2	60.00
Ea	0"	Ea	1.25"	Ea	1.25"	Ea	0.5"	Ea	0.5"
Eu	0.63"	Eu	1.17"	Eu	1.19"	Eu	1.30"	Eu	1.31"
V	40 MPH	V	40 MPH	V	40 MPH	V	40 MPH	V	40 MPH





No.	Date	Dsn.	Chk.	App.	Revisions
A	10/03/11				AS-BUILT
0	12/12/03				CONFORM

City of Seattle

Work Order No.
Permit No. Y1434
Approved:
Inspector's Book:
Received:
Revised As Built:
SDOT:

Designed By: A. LASKI
Drawn By: B. BOLIMA
Checked By: S. KINGSLEY
Approved By: B. SHINN

CH2MHILL
kpff Consulting Engineers
Submitted: S. KAMBOL Date: 12/12/03

SOUNDTRANSIT
Approved: T. RABEN Date: 12/12/03

Scale: H: 1"=40'; V: 1"=10'
Filename: C40_L50_KP11.DWG
Contract No.: C 735
Date: 05/30/03

LINK LIGHT RAIL PROJECT
SOUTH CORRIDOR

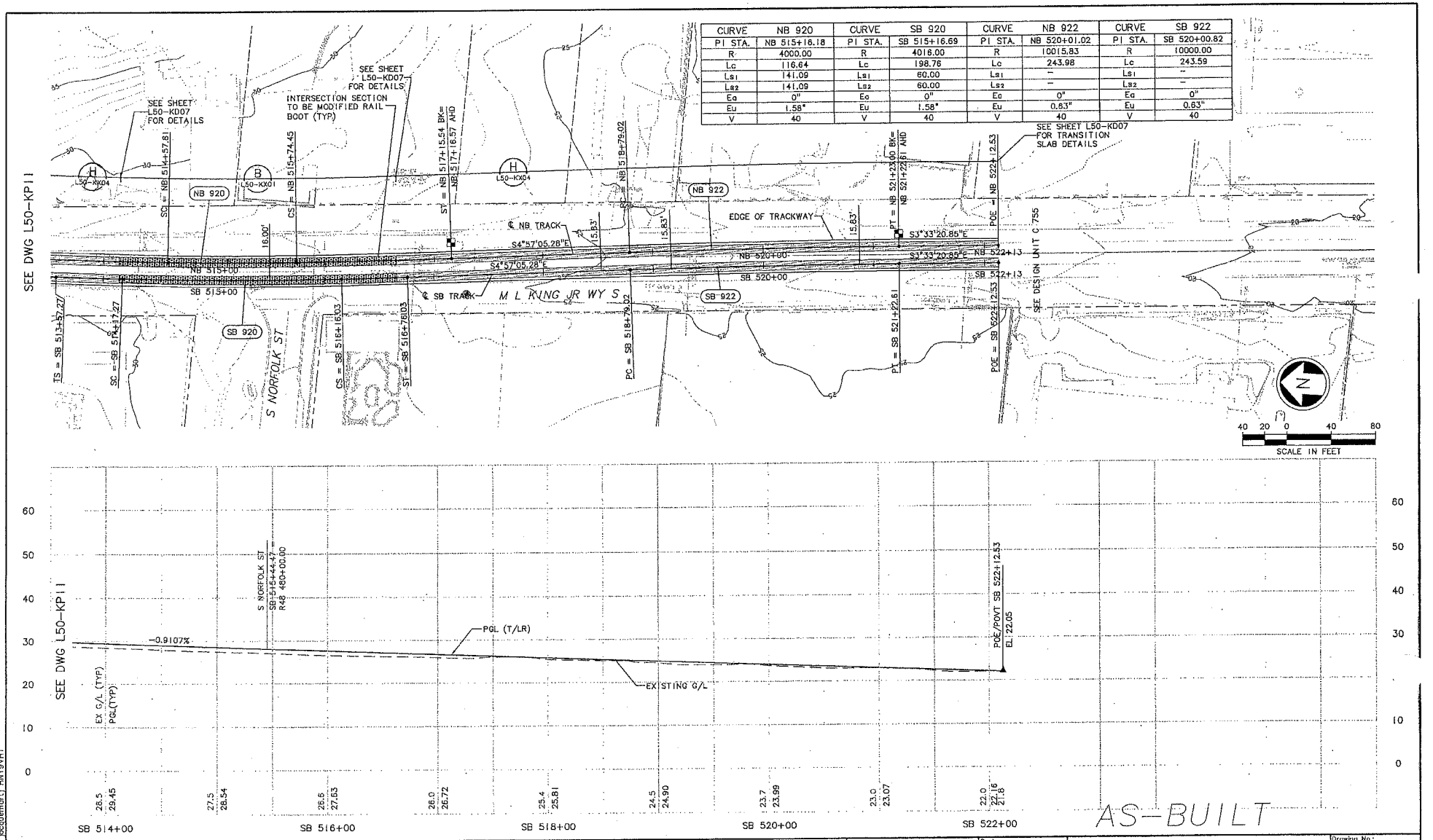
TRACK PLAN & PROFILE
STA SB 503+00 TO STA SB 514+00

Drawing No.: L50-KP11
Vault Plan No. 231-740
Sheet No.: 91 Rev.: A

34209
VAULT SERIAL NO. L50_KP11.DWG
DATE MARK NATURE REVISIONS MADE CHK'D REV'D

c:\users\public\documents\work\735_asbuilts_dwg\740_asbuilt_dwg\C40_L50_KP11.DWG
09/16/11 14:16 : jacquemart; HNY9VHT

CITY CLERK



CURVE	NB 920	CURVE	SB 920	CURVE	NB 922	CURVE	SB 922
PI STA.	NB 515+16.18	PI STA.	SB 515+16.69	PI STA.	NB 520+01.02	PI STA.	SB 520+00.82
R	4000.00	R	4018.00	R	10015.83	R	10000.00
Lc	116.64	Lc	198.76	Lc	243.98	Lc	243.59
Ls1	141.09	Ls1	60.00	Ls1	--	Ls1	--
Ls2	141.09	Ls2	60.00	Ls2	--	Ls2	--
Ea	0"	Ea	0"	Ea	0"	Ea	0"
Eu	1.58"	Eu	1.58"	Eu	0.63"	Eu	0.63"
V	40	V	40	V	40	V	40

No.	Date	Dsn.	Chk.	App.	Revisions
A	10/03/11				AS-BUILT
0	12/2/03				CONFORM

City of Seattle
Work Order No.
Permit No. Y1434
Approved:
Inspector's Book:
Received:
Revised As Built:
SDOT:

Designed By: A. LASKI
Drawn By: B. BOLIMA
Checked By: S. KINGSLEY
Approved By: B. SHINN

CH2MHILL
kpff Consulting Engineers
Submitted: S. KAMBOL Date: 12/12/03

SOUNDTRANSIT
Approved: T. RABEN Date: 12/12/03

Scale: H: 1"=40'; V: 1"=10'
Filename: C40_L50_KP12.DWG
Contract No.: C 735
Date: 05/30/03

LINK LIGHT RAIL PROJECT
SOUTH CORRIDOR
TRACK PLAN & PROFILE
STA SB 514+00 TO STA SB 522+12.53

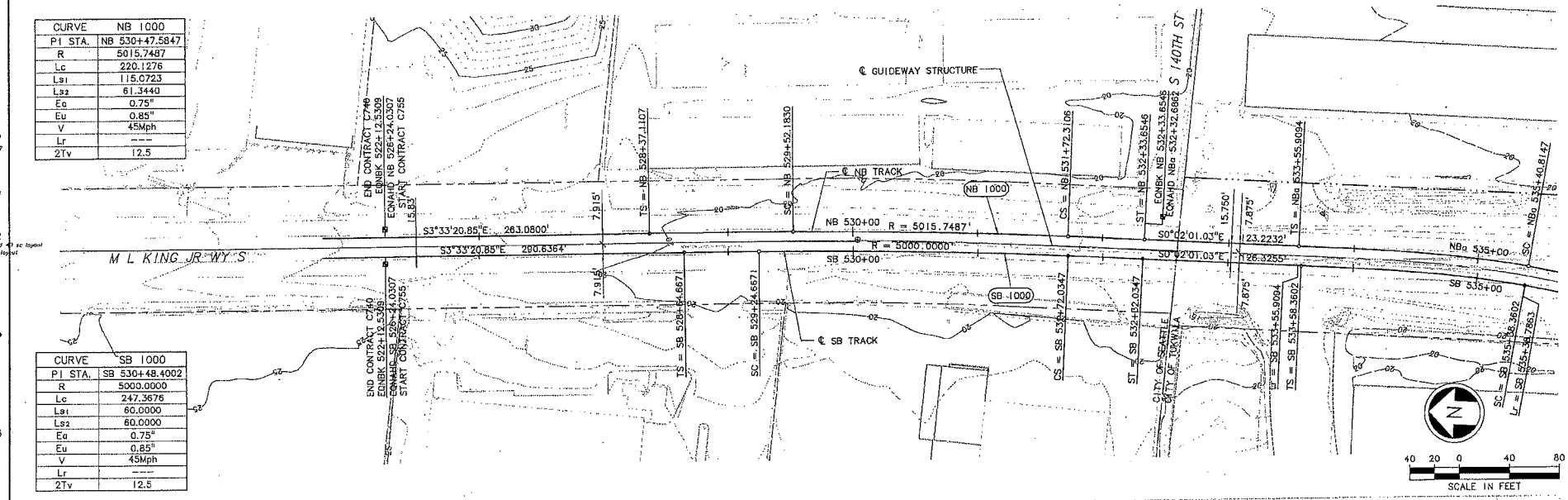
Drawing No.: L50-KP12
Vault Plan No.: 231-740
Sheet No.: 92 Rev.: A

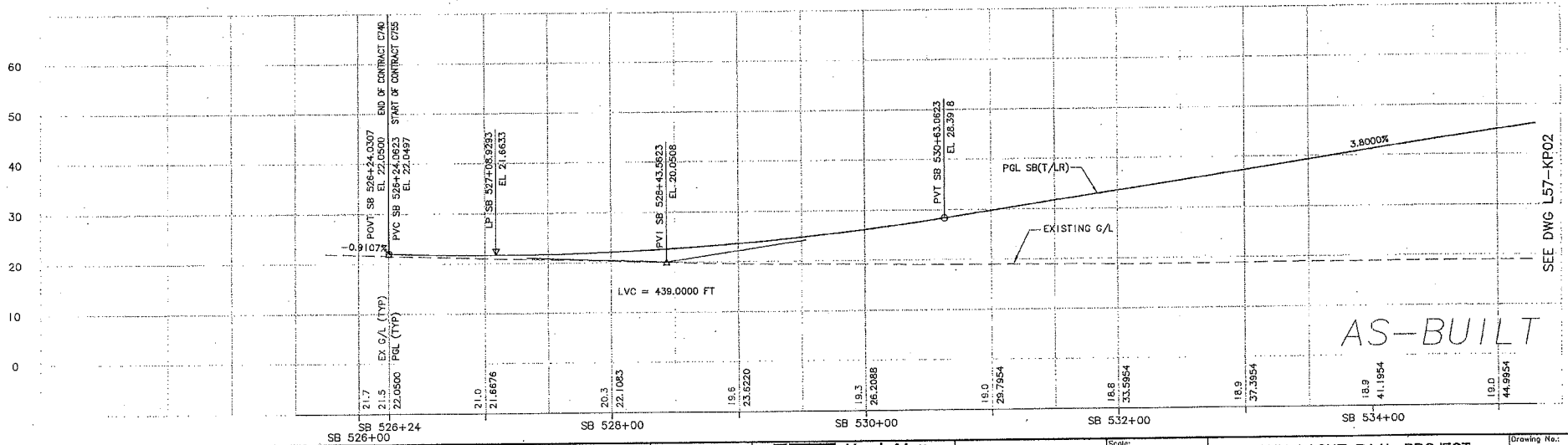
34209 VAULT SERIAL NO.

c:\users\public\documents\work\735_asbuilts_dwg\740_asbuilt_dwg\C40_L50_KP12.DWG
09/16/11 14:17 : jacquemart j HNYGVH

CURVE	NB 1000
PI STA.	NB 530+47.5847
R	5015.7487
Lc	220.1276
Ls1	115.0723
Ls2	61.3440
Eq	0.75"
Eu	0.85"
V	45Mph
Lr	---
2Tv	12.5

CURVE	SB 1000
PI STA.	SB 530+48.4002
R	5000.0000
Lc	247.3676
Ls1	60.0000
Ls2	60.0000
Eq	0.75"
Eu	0.85"
V	45Mph
Lr	---
2Tv	12.5





No.	Date	Dsn.	Chk.	App.	Revisions
A	12/31/10				AS-BUILT
0	03/15/05				ISSUED FOR CONSTRUCTION

City of Seattle
Work Order No.
Permit No. Y1435
Approved:
Inspector's Book:
Received:
Revised As Built:
SIGN:

Designed By: N. CORNWELL
Drawn By: R. LAYGO
Checked By: K.BARON/B.JACKSON
Approved By: J. PATTERSON

Hatch Mott MacDonald
PATTERSON & ASSOCIATES, INC.
Submitted: T. PURDON Date: 03/15/05

SOUNDTRANSIT
Approved: R. KEMPKES Date: 03/15/05

Scale: H: 1"=40'; V: 1"=10'
Filename: S55_L57_KP01.DWG
Contract No.: C 755
Date: 4/29/04

LINK LIGHT RAIL PROJECT
SOUTH CORRIDOR
TRACK PLAN & SOUTHBOUND PROFILE
STA SB 526+24.03 TO STA SB 535+00

Drawing No.: L57-KP01
Vault Plan No.: 231-755
Sheet No.: 93 Rev.: A

34210 VAULT SERIAL NO.

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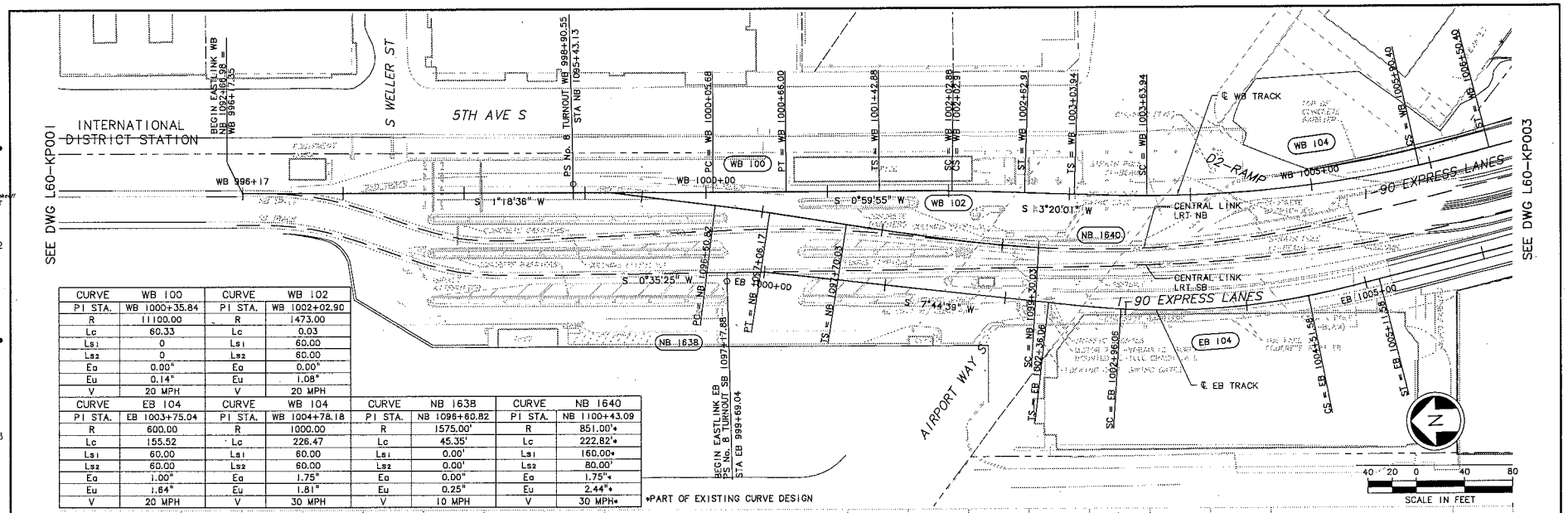
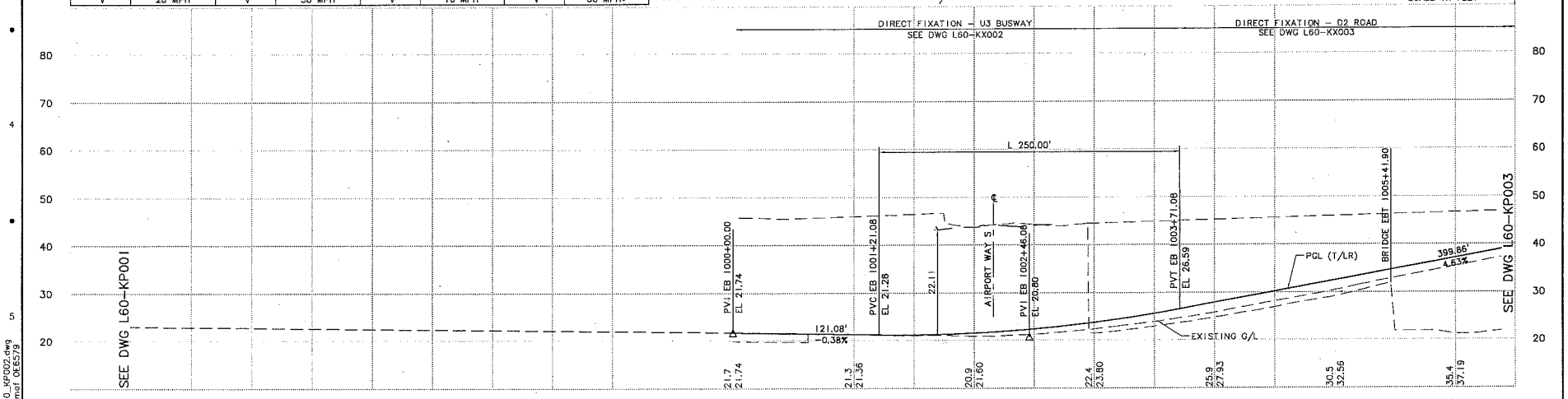
12/08/10 22:46 - eackerm OE6584



CURVE	WB 100	CURVE	WB 102
PI STA.	WB 1000+35.84	PI STA.	WB 1002+02.90
R	11100.00	R	1473.00
Lc	60.33	Lc	0.03
Ls1	0	Ls1	60.00
Ls2	0	Ls2	60.00
Ea	0.00"	Ea	0.00"
Eu	0.14"	Eu	1.08"
V	20 MPH	V	20 MPH

CURVE	EB 104	CURVE	WB 104	CURVE	NB 1638	CURVE	NB 1640
PI STA.	EB 1003+75.04	PI STA.	WB 1004+78.18	PI STA.	NB 1098+60.82	PI STA.	NB 1100+43.09
R	600.00	R	1000.00	R	1575.00'	R	851.00'*
Lc	155.52	Lc	226.47	Lc	45.35'	Lc	222.82'*
Ls1	60.00	Ls1	60.00	Ls1	0.00'	Ls1	160.00'*
Ls2	60.00	Ls2	60.00	Ls2	0.00'	Ls2	80.00'
Ea	1.00"	Ea	1.75"	Ea	0.00"	Ea	1.75"*
Eu	1.84"	Eu	1.81"	Eu	0.25"	Eu	2.44"*
V	20 MPH	V	30 MPH	V	10 MPH	V	30 MPH*

*PART OF EXISTING CURVE DESIGN



No.	Date	Dsn.	Chk.	App.	Revisions

Designed By: A. BASTASCH
Drawn By: A. ARAGO
Checked By: S. METZ
Approved By: T. MUDAYANKAVIL

FINAL PE

CH2MHILL

BOLIMA DRAFTING & DESIGN INC.

SOUNDTRANSIT

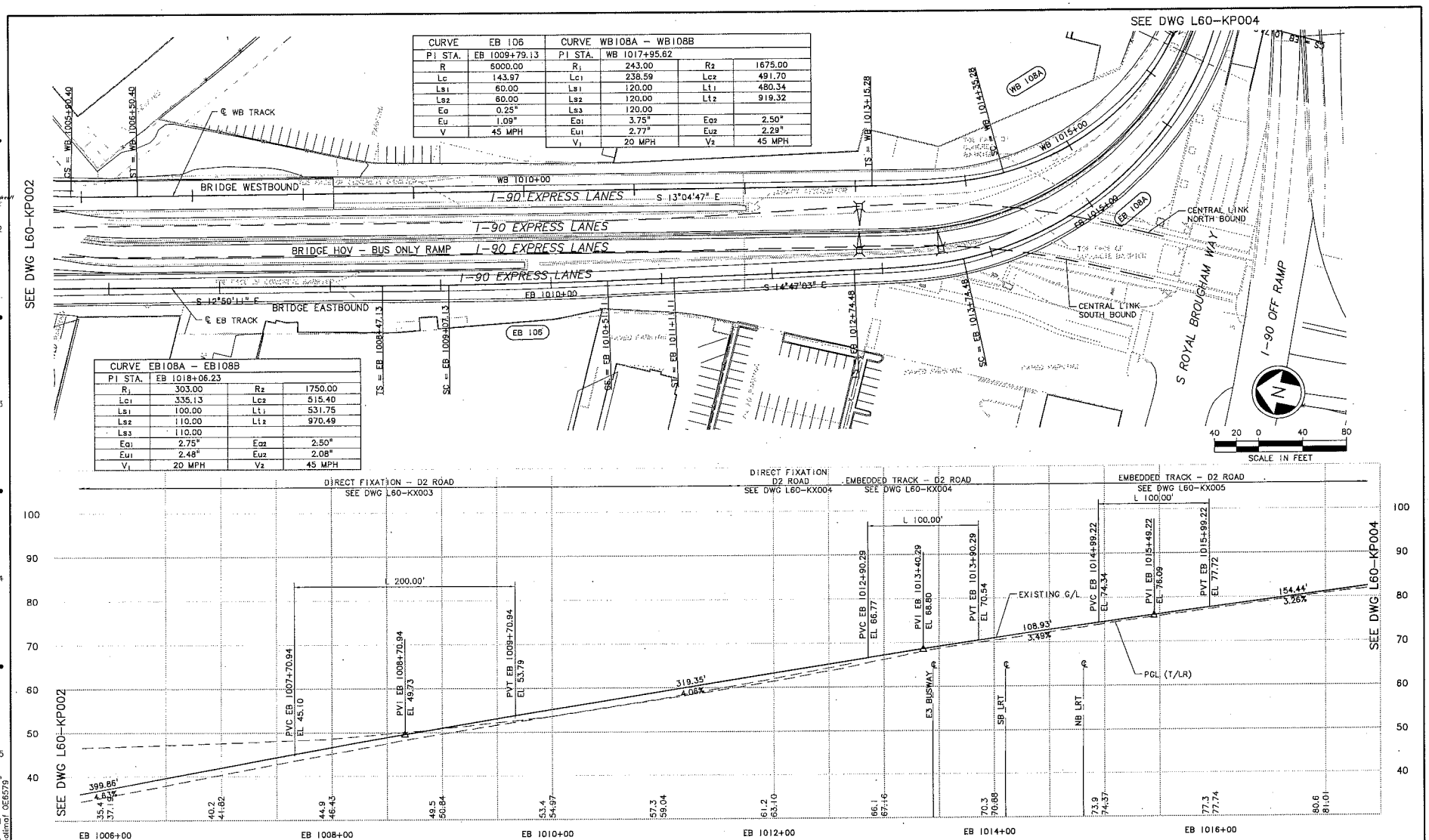
Submitted: Date: Approved: Date:

Scale: H: 1"=40'; V: 1"=10'
Filename: ELA_L60_KP002.dwg
Contract No.:
Date: 1/28/11

LINK LIGHT RAIL PROJECT
EAST CORRIDOR
SEGMENT A
TRACK
PLAN & PROFILE
STA EB 1000+00 TO STA EB 1006+00

Drawing No.: L60-KP002
Sheet No.: 94
Rev.:

c:\work\seg_a\ELA_L60_KP002.dwg
01/28/11 11:30 : bolima OE6579



No.	Date	Dsn.	Chk.	App.	Revisions

Designed By: A. BASTASCH
Drawn By: F. BOLIMA
Checked By: S. METZ
Approved By: T. MUDAYANKAVIL

FINAL PE

CH2MHILL

BOLIMA DRAFTING & DESIGN INC.

Submitted: Date: Approved: Date:

SOUNDTRANSIT

Scale: H: 1"=40'; V: 1"=10'
Filename: ELA_L60_KP003.dwg
Contract No.:
Date: 1/28/11

IF THIS PRINT IS NOT HALF SCALE

LINK LIGHT RAIL PROJECT
EAST CORRIDOR
SEGMENT A
TRACK
PLAN & PROFILE
STA EB 1006+00 TO STA EB 1017+00

Drawing No.: L60-KP003
Sheet No.: 95
Rev.:

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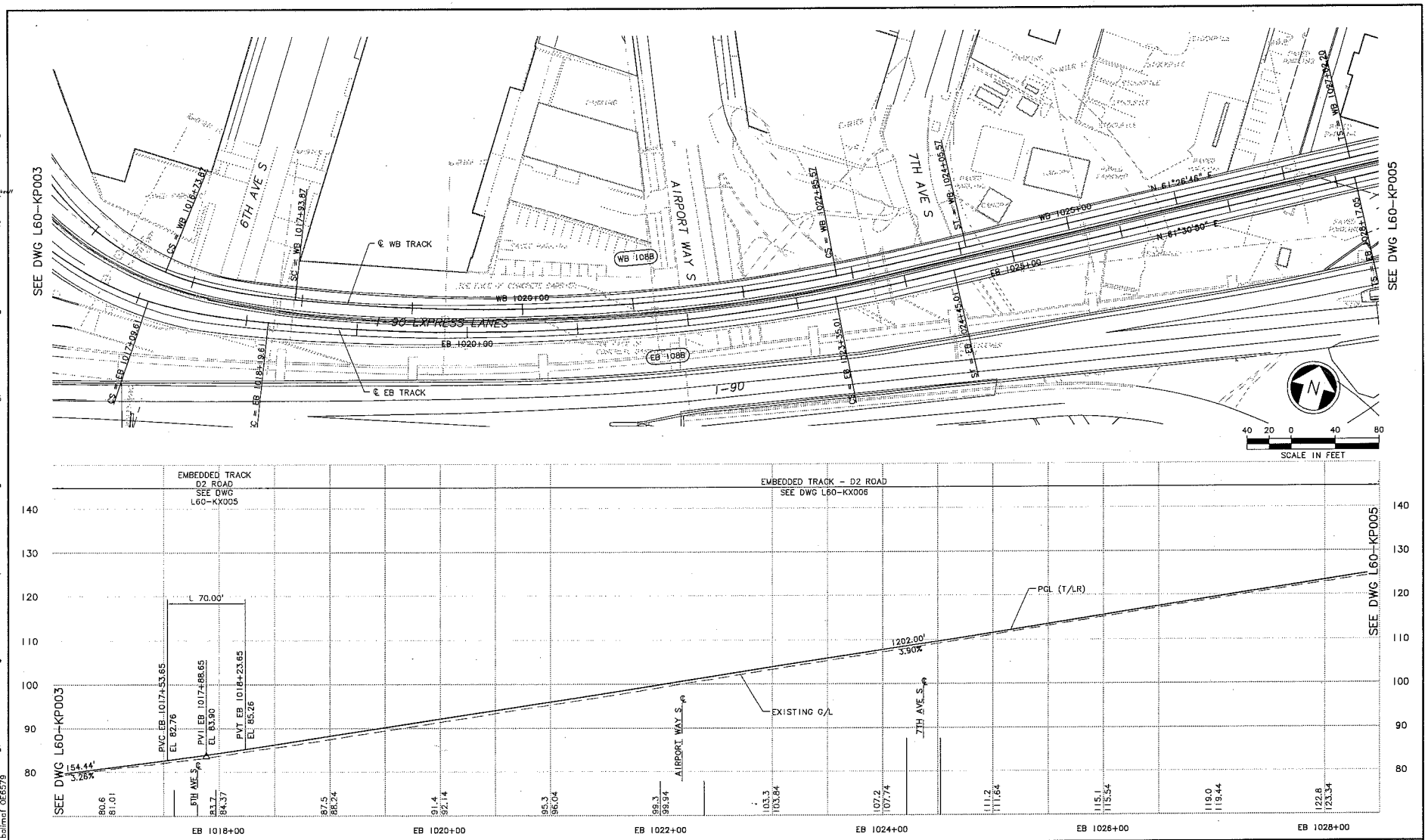
01/25/11 11:30 : bolimaf OE6579



No.	Date	Dsn.	Chk.	App.	Revisions

Designed By: A. BASTASCH
Drawn By: F. BOLIMA
Checked By: S. METZ
Approved By: T. MUDAYANKAVIL

FINAL PE

CH2MHILL

BOLIMA DRAFTING & DESIGN INC.

SOUNDTRANSIT

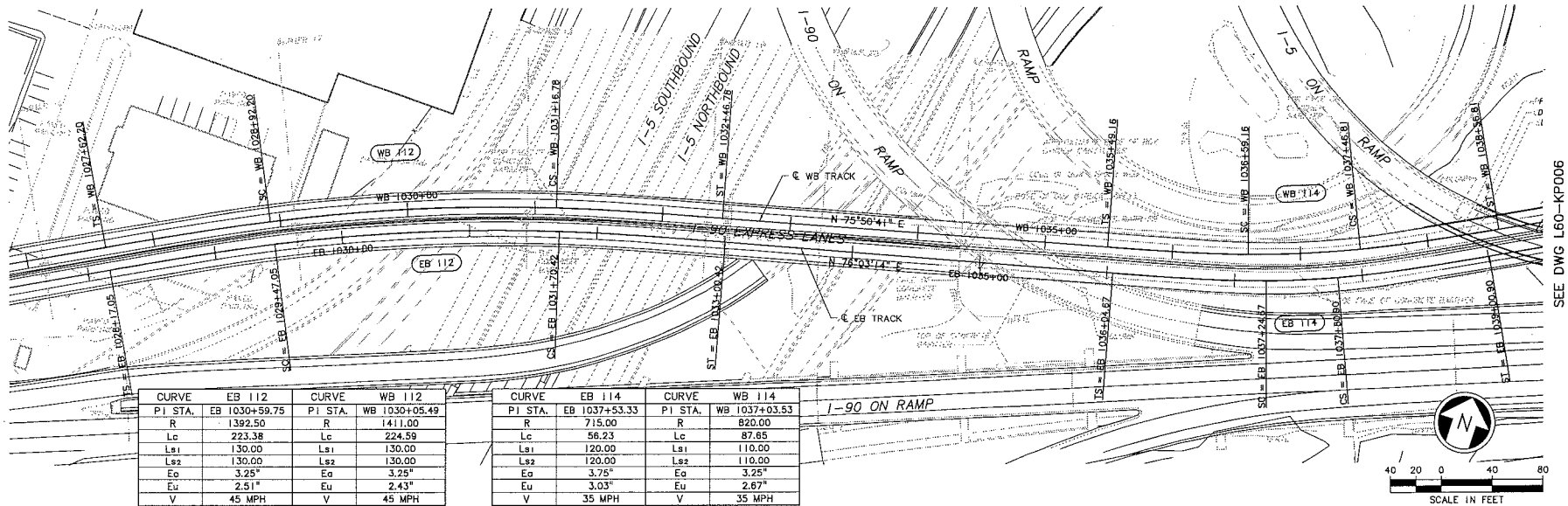
Submitted: Date: Approved: Date:

Scale: H: 1"=40'; V: 1"=10'
Filename: ELA_L60_KP004.dwg
Contract No.:
Date: 1/28/11

LINK LIGHT RAIL PROJECT
EAST CORRIDOR
SEGMENT A
TRACK
PLAN & PROFILE
STA EB 1017+00 TO STA EB 1028+00

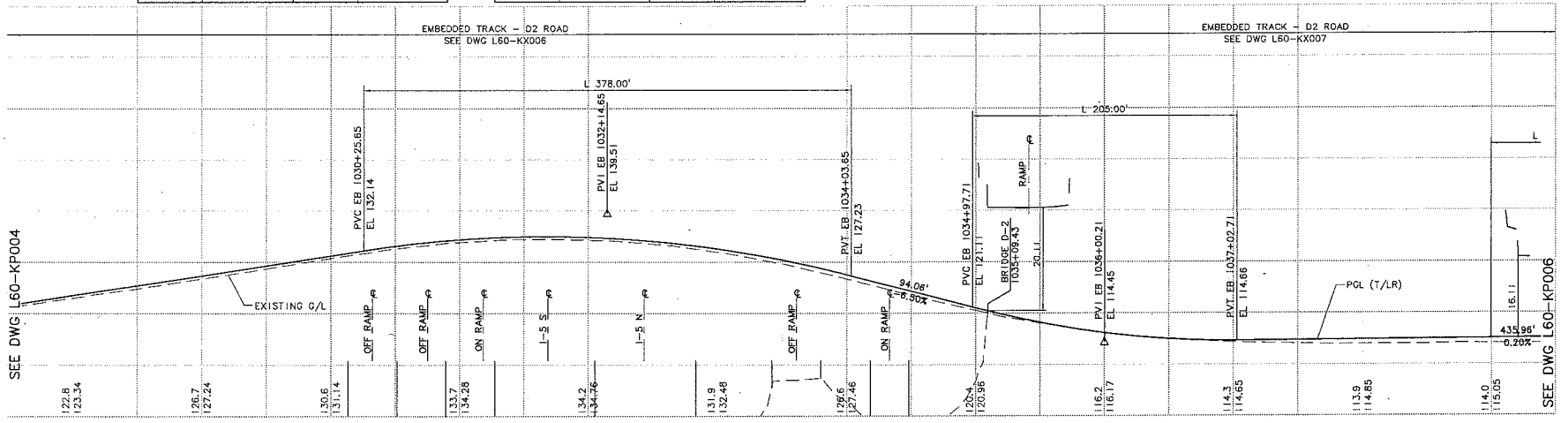
Drawing No.: L60-KP004
Sheet No.: 96
Rev.:

c:\work\seg_a\ELA_L60_KP004.dwg
01/28/11 11:31 : bolimaf 0E6579



CURVE	EB 112	CURVE	WB 112
PI STA.	EB 1030+59.75	PI STA.	WB 1030+05.49
R	1392.50	R	1411.00
Lc	223.38	Lc	224.59
Ls1	130.00	Ls1	130.00
Ls2	130.00	Ls2	130.00
Ea	3.25"	Ea	3.25"
Eu	2.51"	Eu	2.43"
V	45 MPH	V	45 MPH

CURVE	EB 114	CURVE	WB 114
PI STA.	EB 1037+53.33	PI STA.	WB 1037+03.53
R	715.00	R	820.00
Lc	56.23	Lc	87.65
Ls1	120.00	Ls1	110.00
Ls2	120.00	Ls2	110.00
Ea	3.75"	Ea	3.25"
Eu	3.03"	Eu	2.67"
V	35 MPH	V	35 MPH



C:\work\seg_a\ELA_L60_KP005.dwg
01/28/11 11:31 ; balmat 06579

No.	Date	Dsn.	Chk.	App.	Revisions

Designed By: A. BASTASCH
Drawn By: F. BOLIMA
Checked By: S. METZ
Approved By: T. MUDAYANKAVIL

FINAL PE

CH2MHILL

BOLIMA DRAFTING & DESIGN INC.

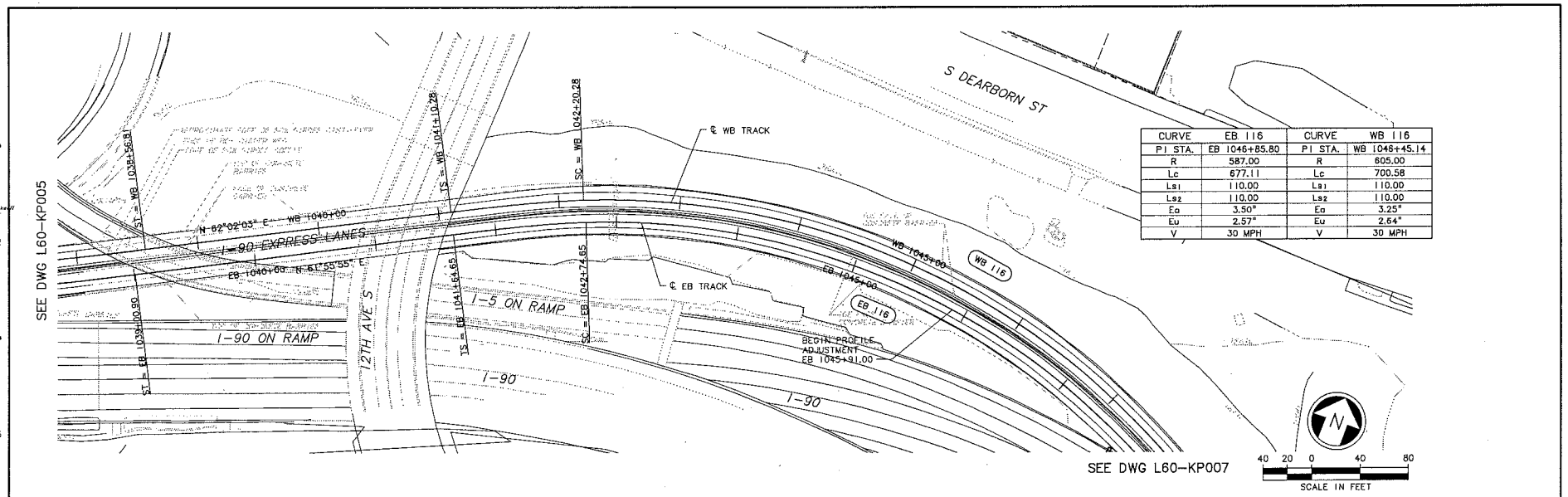
Submitted: Date:
Approved: Date:

SOUNDTRANSIT

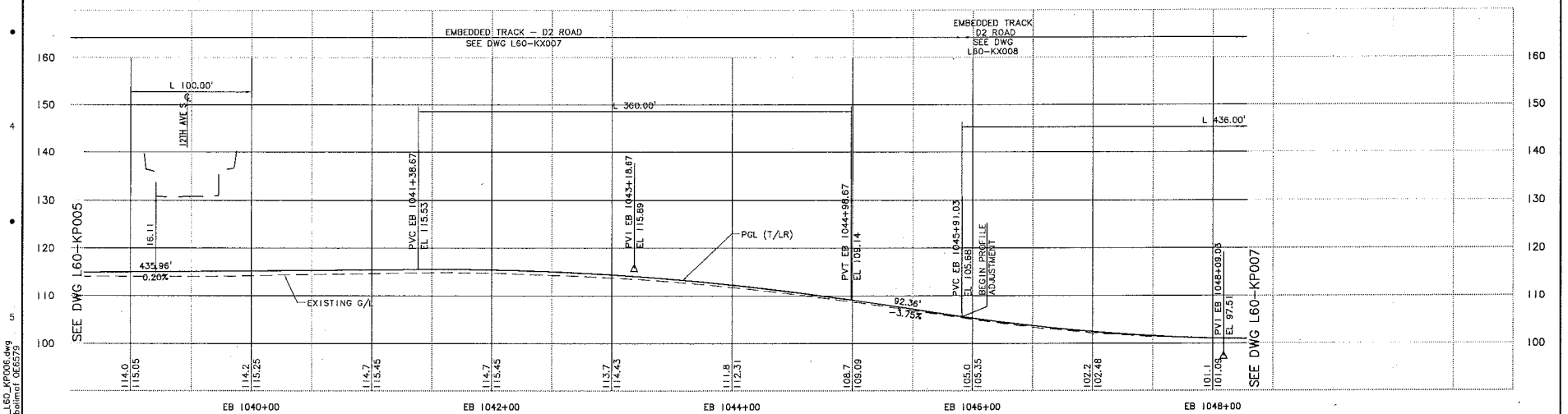
Scale: H: 1"=40'; V: 1"=10'
Filename: ELA_L60_KP005.dwg
Contract No.:
Date: 1/28/11

LINK LIGHT RAIL PROJECT
EAST CORRIDOR
SEGMENT A
TRACK
PLAN & PROFILE
STA EB 1028+00 TO STA EB 1039+00

Drawing No.: L60-KP005
Sheet No.: 97
Rev.:



CURVE	EB 116	CURVE	WB 116
PI STA.	EB 1046+85.80	PI STA.	WB 1048+45.14
R	587.00	R	605.00
Lc	677.11	Lc	700.58
Ls1	110.00	Ls1	110.00
Ls2	110.00	Ls2	110.00
Ea	3.50"	Ea	3.25"
Eu	2.57"	Eu	2.64"
V	30 MPH	V	30 MPH



No.	Date	Dsn.	Chk.	App.	Revisions

Designed By: A. BASTASCH
Drawn By: F. BOLIMA
Checked By: S. METZ
Approved By: T. MUDAYANKAVIL

FINAL PE

CH2MHILL

Submitted: Date:

BOLIMA DRAFTING & DESIGN INC.

Approved: Date:

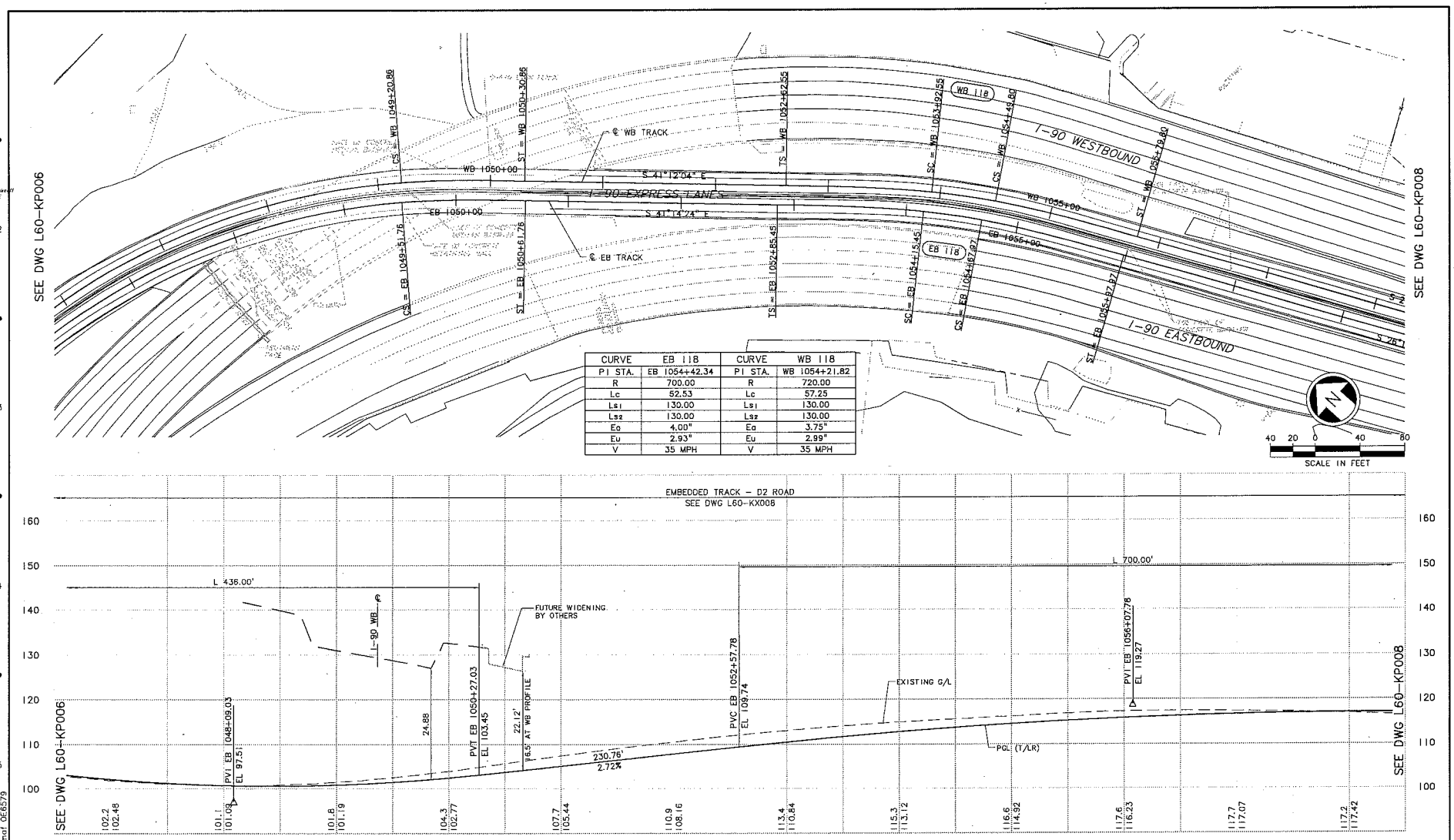
SOUNDTRANSIT

Scale: H: 1"=40'; V: 1"=10'
Filename: ELA_L60_KP006.dwg
Contract No.:
Date: 1/28/11

LINK LIGHT RAIL PROJECT
EAST CORRIDOR
SEGMENT A
TRACK
PLAN & PROFILE
STA EB 1039+00 TO STA EB 1047+00

Drawing No.: L60-KP006
Sheet No.: 98
Rev.:

c:\work\seg_a\ELA_L60_KP006.dwg
01/28/11 11:31 - bolimaf 065579



CURVE	EB 118	CURVE	WB 118
PI STA.	EB 1054+42.34	PI STA.	WB 1054+21.82
R	700.00	R	720.00
Lc	52.53	Lc	57.25
Ls1	130.00	Ls1	130.00
Ls2	130.00	Ls2	130.00
Ea	4.00"	Ea	3.75"
Eu	2.93"	Eu	2.99"
V	35 MPH	V	35 MPH

No.	Date	Dsn.	Chk.	App.	Revisions

Designed By: A. BASTASCH
Drawn By: F. BOLIMA
Checked By: S. METZ
Approved By: T. MUDAYANKAVIL

FINAL PE

CH2MHILL

BOLIMA DRAFTING & DESIGN INC.

Submitted: Date: Approved: Date:

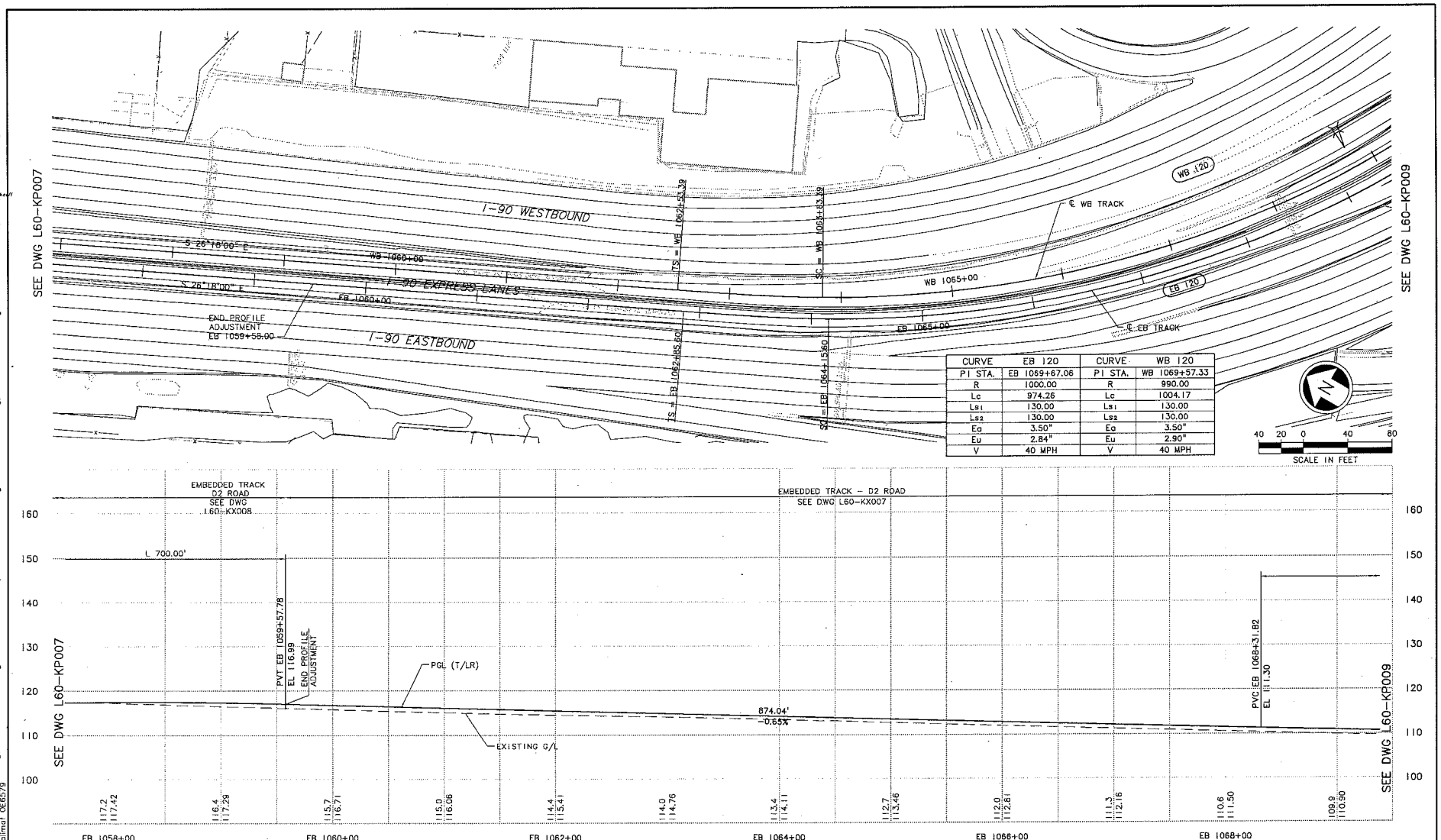
SOUNDTRANSIT

Scale: H: 1"=40'; V: 1"=10'
Filename: ELA_L60_KP007.dwg
Contract No.:
Date: 1/28/11

LINK LIGHT RAIL PROJECT
EAST CORRIDOR
SEGMENT A
TRACK
PLAN & PROFILE
STA EB 1047+00 TO STA EB 1058+00

Drawing No.: L60-KP007
Sheet No.: 99
Rev.:

c:\work\seg_a\ELA_L60_KP007.dwg
01/28/11 11:32 : bolimaf 065579



ORG. INFO:

LTSCALE: 1=1

XREFs:
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-Overlay:
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HCC-TVM
DLR-INTN
Zg-2234h
Zg-g20020
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x7519xf
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x7523xf
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CurveIDs
ELA_L60_KOTakavil
ELA_L60_ZONE

c:\work\seg_a\ELA_L60_KP008.dwg
01/28/11 11:32 , balimaf 06579

No.	Date	Dsn.	Chk.	App.	Revisions

Designed By: A. BASTASCH
Drawn By: F. BOLIMA
Checked By: S. METZ
Approved By: T. MUDAYANKAVIL

STATE OF WASHINGTON — REGISTERED PROFESSIONAL ENGINEER
FINAL PE

CH2MHILL

BOLIMA DRAFTING & DESIGN INC.

Submitted: Date:
Approved: Date:

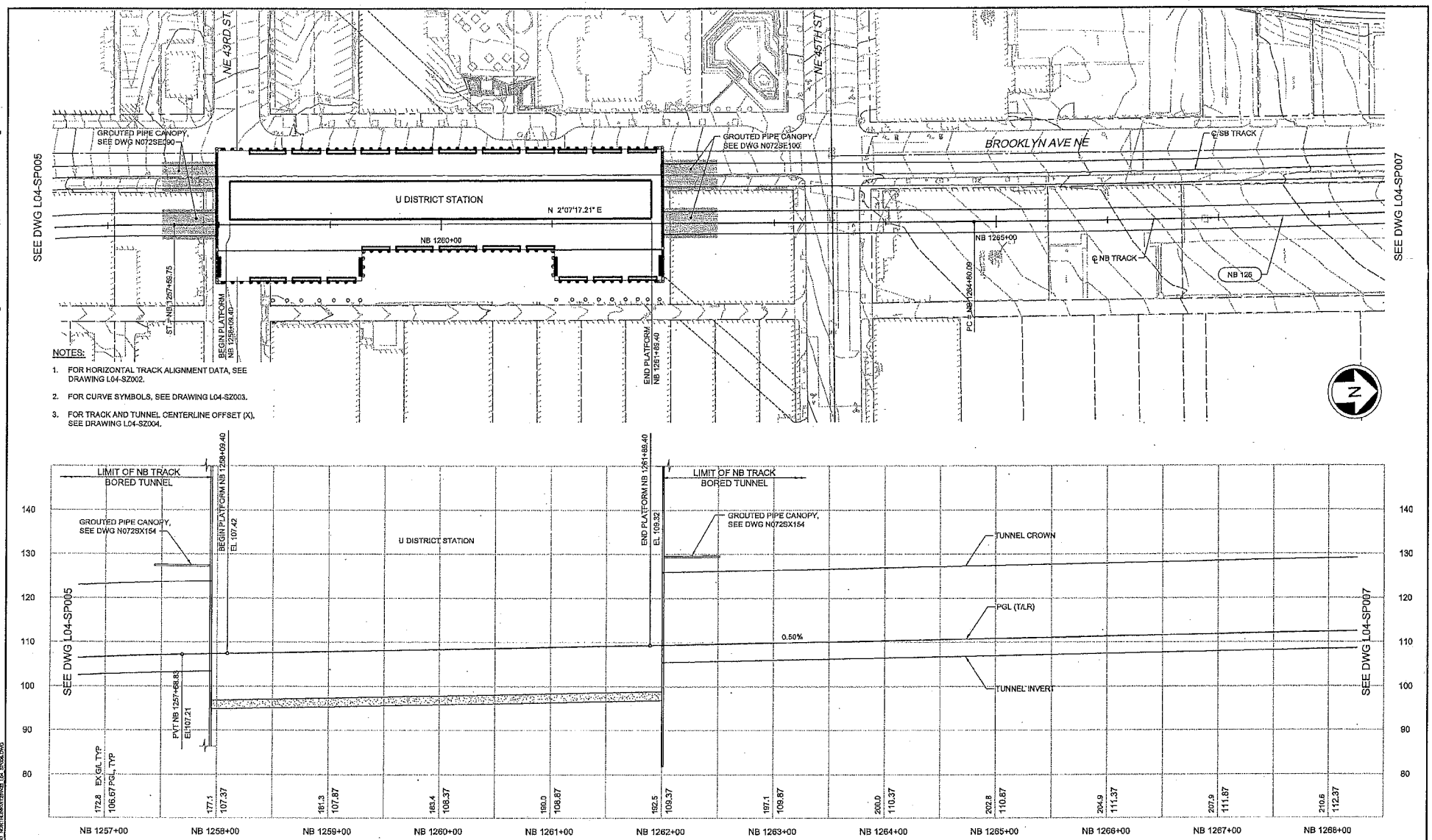
SOUNDTRANSIT

Scale: H: 1"=40'; V: 1"=10'
Filename: ELA_L60_KP008.dwg
Contract No.:
Date: 1/28/11

IF THIS PRINT IS NOT HALF SCALE

LINK LIGHT RAIL PROJECT
EAST CORRIDOR
SEGMENT A
TRACK
PLAN & PROFILE
STA EB 1058+00 TO STA EB 1069+00

Drawing No.: L60-KP008
Sheet No.: 100
Rev.:



NOTES:

1. FOR HORIZONTAL TRACK ALIGNMENT DATA, SEE DRAWING L04-SZ002.
2. FOR CURVE SYMBOLS, SEE DRAWING L04-SZ003.
3. FOR TRACK AND TUNNEL CENTERLINE OFFSET (X), SEE DRAWING L04-SZ004.

No.	Date	Dsn	Chk	App	Revisions

City of Seattle

Work Order No: | Approved:
Permit No: | Inspector's Book:
Received:
Revised As Built:
SDOT:

Designed By: S. NJOLOMA
Drawn By: A. BYERS
Checked By: A. MENCKE
Approved By: A. MENCKE

90% SUBMITTAL

JACOBS ASSOCIATES
Engineers/Consultants
BOLIMA DRAFTING & DESIGN INC.

Submitted: I. LAMB | Date: 09/06/12
Approved: S. AL-TAMIMI | Date: 09/06/12

SOUNDTRANSIT

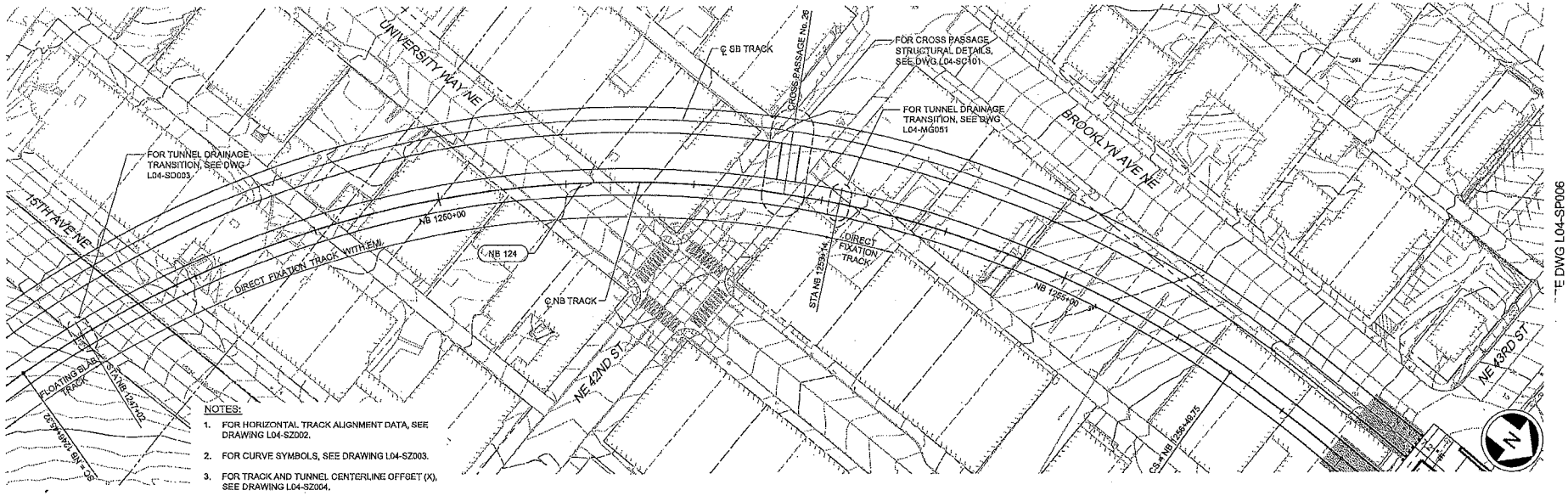
Scale: H:1"=40';V:1"=10'
Filename: N25_L04_SP006.dwg
Contract No: N125
Date: 09/06/12

LINK CONTRACT N125
TUNNELS, PORTAL AND STATION EXCAVATIONS

TUNNEL STRUCTURE
NB PLAN AND PROFILE
STA NB 1257+00 TO STA NB 1268+00

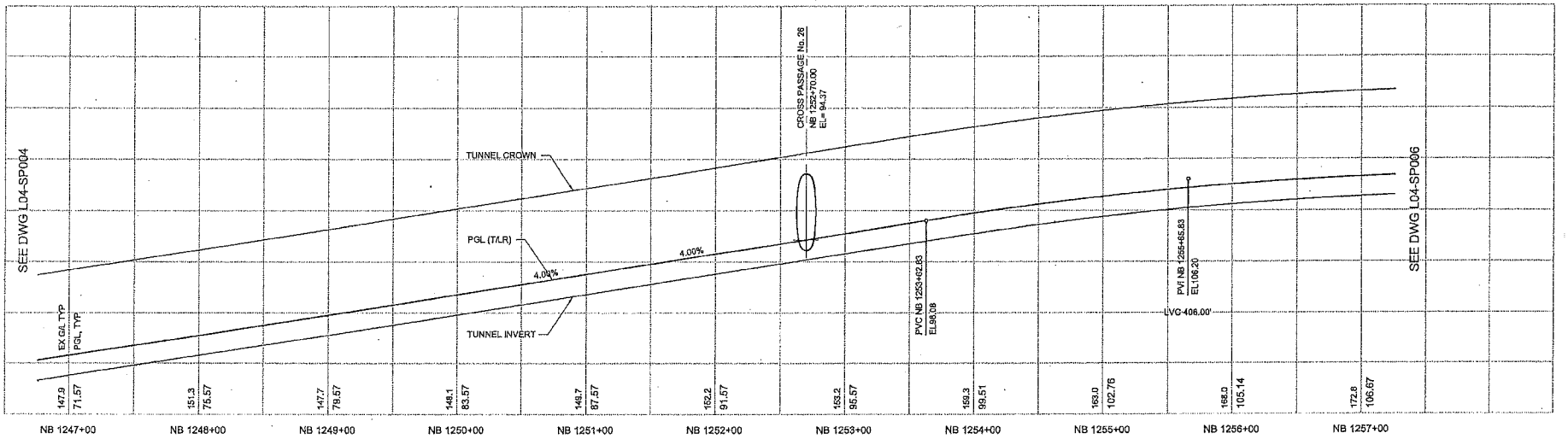
Drawing No. L04-SP006
Vault Plan No.
Sheet No. 18 | Rev No. 0

DOS CITY CLERK



NOTES:

1. FOR HORIZONTAL TRACK ALIGNMENT DATA, SEE DRAWING L04-SZ002.
2. FOR CURVE SYMBOLS, SEE DRAWING L04-SZ003.
3. FOR TRACK AND TUNNEL CENTERLINE OFFSET (X), SEE DRAWING L04-SZ004.



No.	Date	Des	Chk	App	Revisions

City of Seattle

Work Order No:	Approved:
Permit No:	Inspector's Book:
	Received:
	Revised As Built:
SDOT:	

Designed By:	S. NJOLOMA
Drawn By:	A. BYERS
Checked By:	A. MENCKE
Approved By:	A. MENCKE

ANDREW S. FENCKEN — STATE OF WASHINGTON — 19937 — REGISTERED PROFESSIONAL ENGINEER

90% SUBMITTAL

JACOBS ASSOCIATES
Engineers/Consultants
BOLIMA DRAFTING & DESIGN INC.

Submitted:	Date:	Approved:	Date:
I. LAMB	09/06/12	S. AL-TAMIMI	09/06/12

IF THIS BAR IS NOT 1 INCH ON THIS SHEET, ADJUST SCALES ACCORDINGLY

SOUNDTRANSIT

Scale:	H:1"=40',V:1"=10'
Filename:	N25_L04_SP005.dwg
Contract No:	N126
Date:	09/06/12

LINK CONTRACT N125
TUNNELS, PORTAL AND STATION EXCAVATIONS

TUNNEL STRUCTURE
NB PLAN AND PROFILE
STA NB 1247+00 TO STA NB 1257+00

Drawing No.	L04-SP005
Vault Plan No.	
Sheet No	19
Rev No.	0

VAULT SERIAL NO.	DATE	MARK	NATURE	MADE	CHKD	REV'D
			REVISIONS			

DWG INFO:
LTSCALE:
1=1
XREFs:
BOLIMAF
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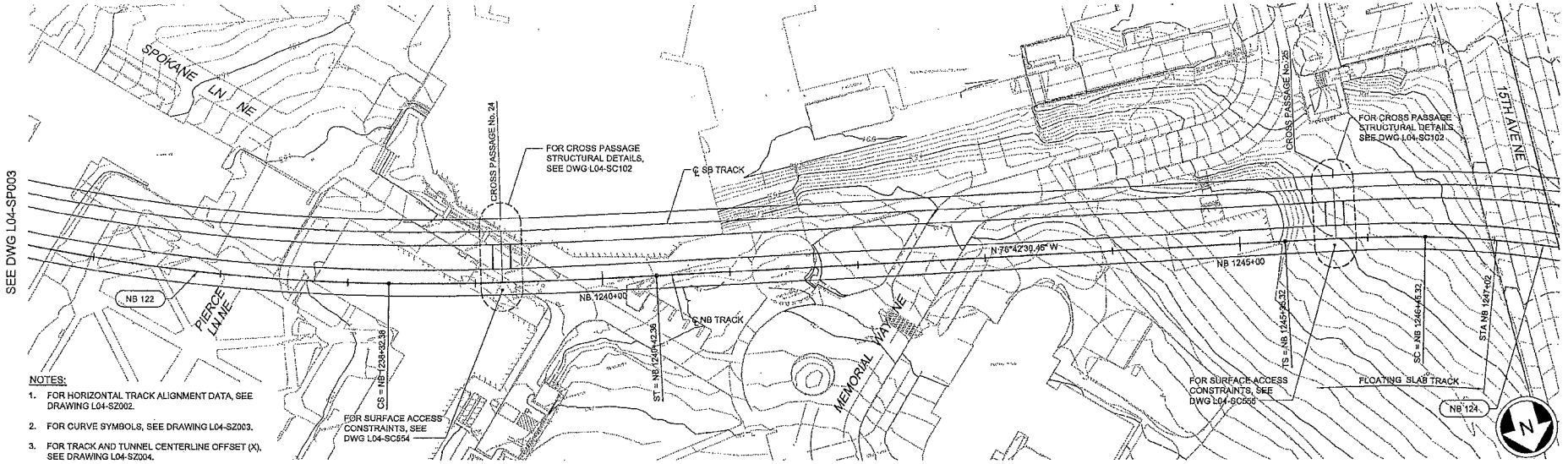
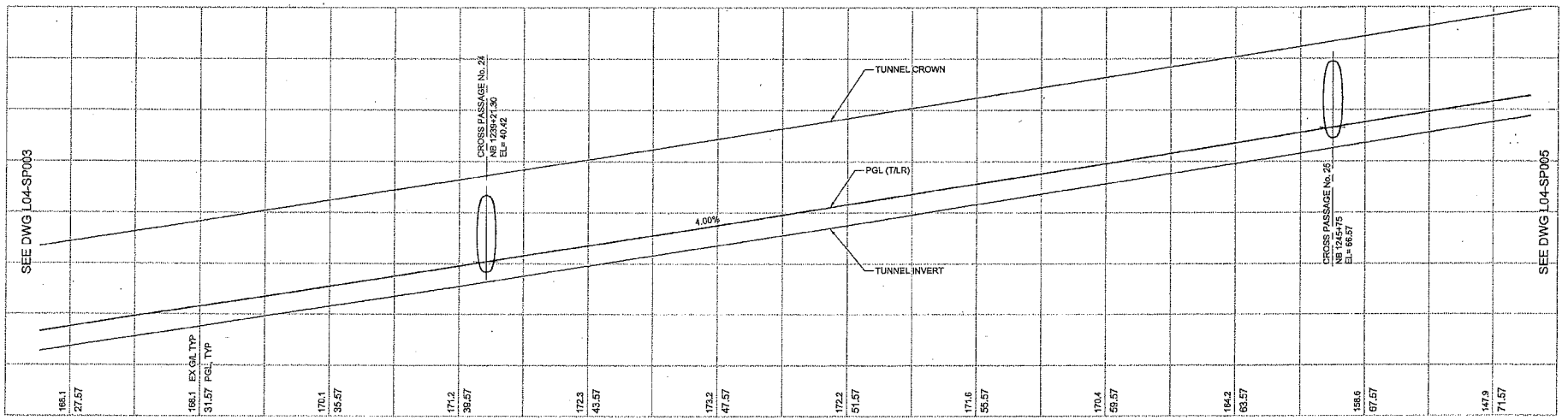


NOTES:

1. FOR HORIZONTAL TRACK ALIGNMENT DATA, SEE DRAWING L04-SZ002.
2. FOR CURVE SYMBOLS, SEE DRAWING L04-SZ003.
3. FOR TRACK AND TUNNEL CENTERLINE OFFSET (X), SEE DRAWING L04-SZ004.



No.	Date	Dsn	Chk	App	Revisions

City of Seattle

Work Order No: | Approved:
Permit No: | Inspector's Book:
Received:
Revised As Built:
SDOT:

Designed By: S. NJOLOMA
Drawn By: A. BYERS
Checked By: A. MENCKE
Approved By: A. MENCKE

90% SUBMITTAL

JACOBS ASSOCIATES
Engineers/Consultants
BOLIMA DRAFTING & DESIGN INC.

Submitted: I. LAMB Date: 09/06/12
Approved: S. AL-TAMIMI Date: 09/06/12

SOUNDTRANSIT

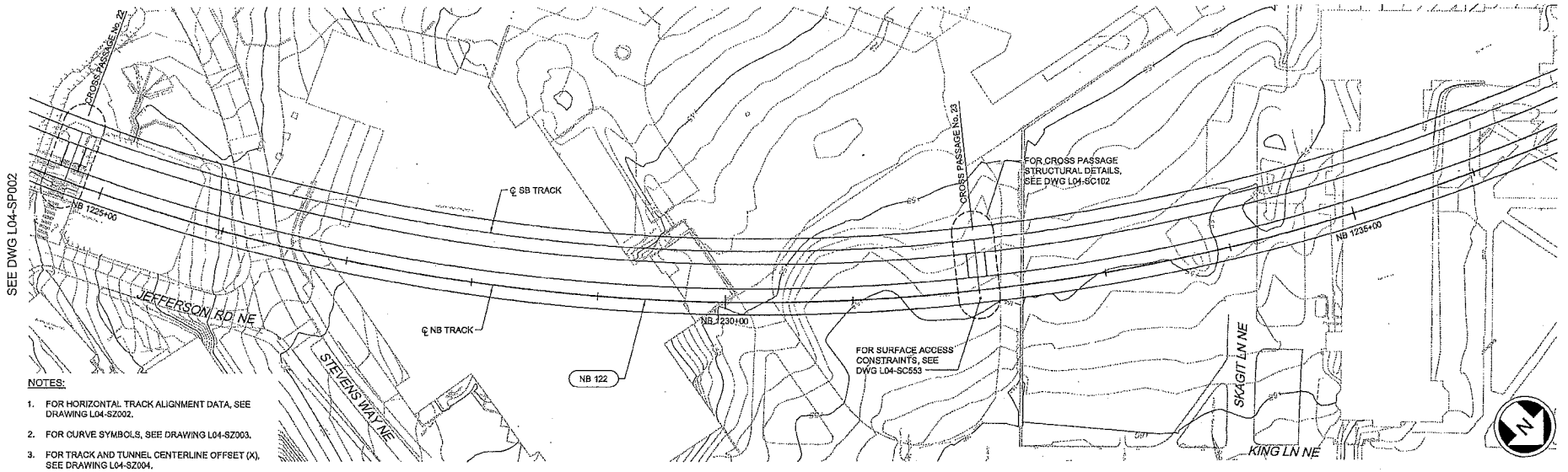
Scale: H:1"=40';V:1"=10'
Filename: N25_L04_SP004.dwg
Contract No: N125
Date: 09/06/12

LINK CONTRACT N125
TUNNELS, PORTAL AND STATION EXCAVATIONS

TUNNEL STRUCTURE
NB PLAN AND PROFILE
STA NB 1236+00 TO STA NB 1247+00

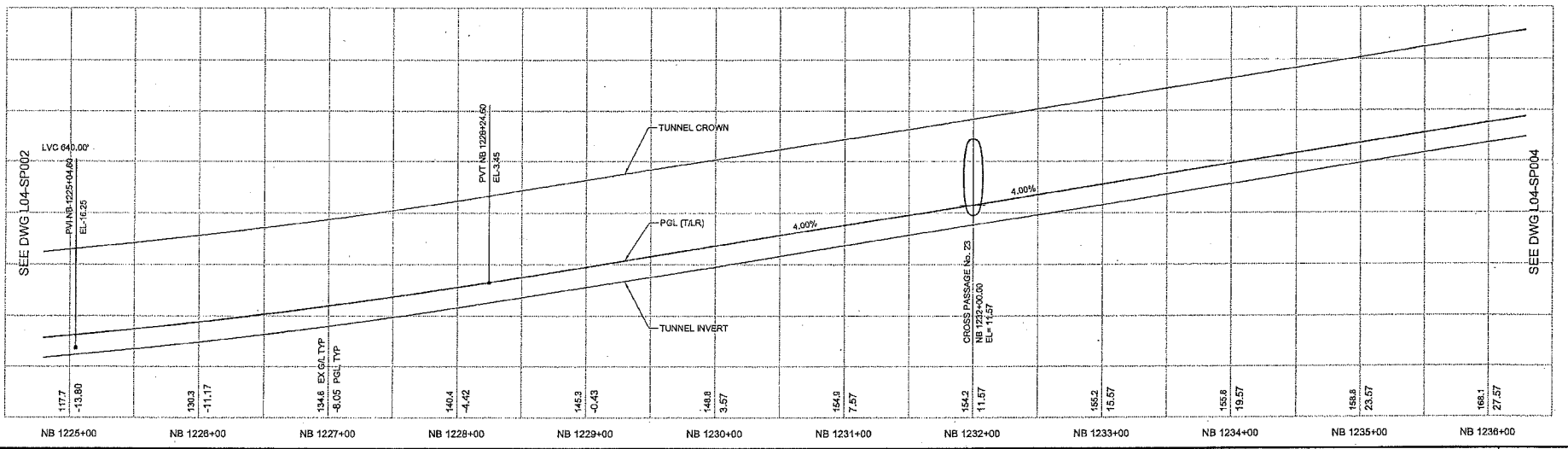
Drawing No. L04-SP004
Vault Plan No.
Sheet No. 20
Rev No. 0

CITY CLERK



NOTES:

1. FOR HORIZONTAL TRACK ALIGNMENT DATA, SEE DRAWING L04-SZ002.
2. FOR CURVE SYMBOLS, SEE DRAWING L04-SZ003.
3. FOR TRACK AND TUNNEL CENTERLINE OFFSET (X), SEE DRAWING L04-SZ004.



No.	Date	Drn	Chk	App	Revisions

City of Seattle

Work Order No:	Approved:
Permit No:	Inspector's Book:
	Received:
	Revised As Built:
SDOT:	

Designed By:	S. NJOLOMA
Drawn By:	A. BYERS
Checked By:	A. MENCKE
Approved By:	A. MENCKE

90% SUBMITTAL

JACOBS ASSOCIATES
Engineers/Consultants
BOLIMA DRAFTING & DESIGN INC.

Submitted:	I. LAMB	Date:	09/06/12
Approved:	S. AL-TAMIMI	Date:	09/06/12

IF THIS LINE IS 1 INCH AT FULL SIZE ADJUST SCALES ACCORDINGLY

SOUNDTRANSIT

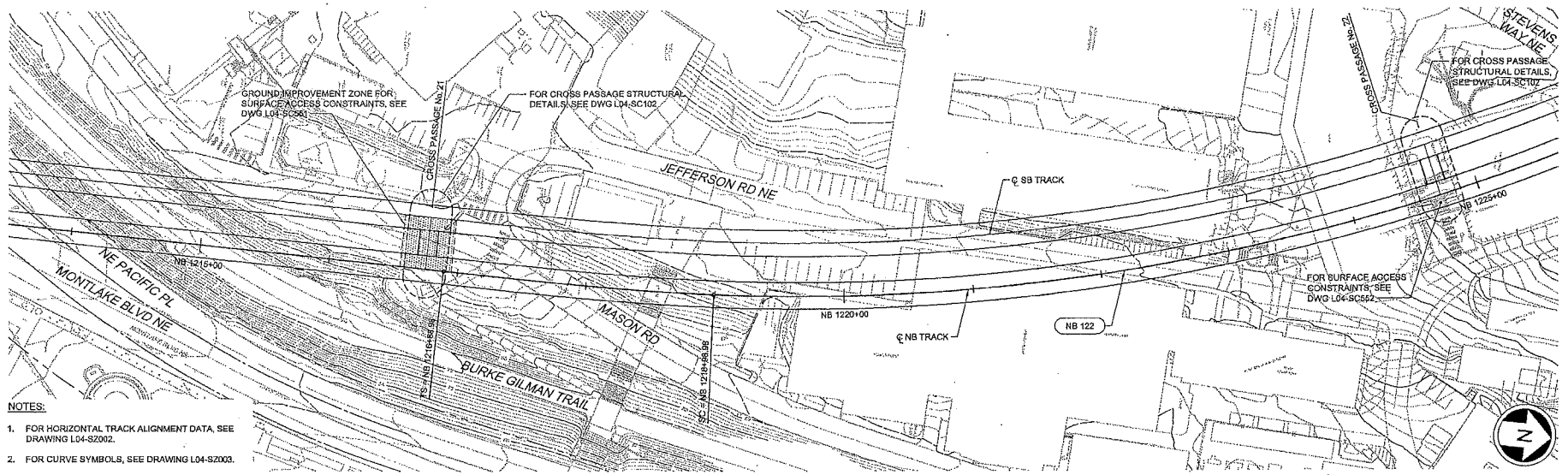
Scale:	H:1"=40';V:1"=10'
Filename:	N25_L04_SP003.dwg
Contract No:	N125
Date:	09/06/12

LINK CONTRACT N125
TUNNELS, PORTAL AND STATION EXCAVATIONS

TUNNEL STRUCTURE
NB PLAN AND PROFILE
STA NB1225+00 TO STA NB 1236+00

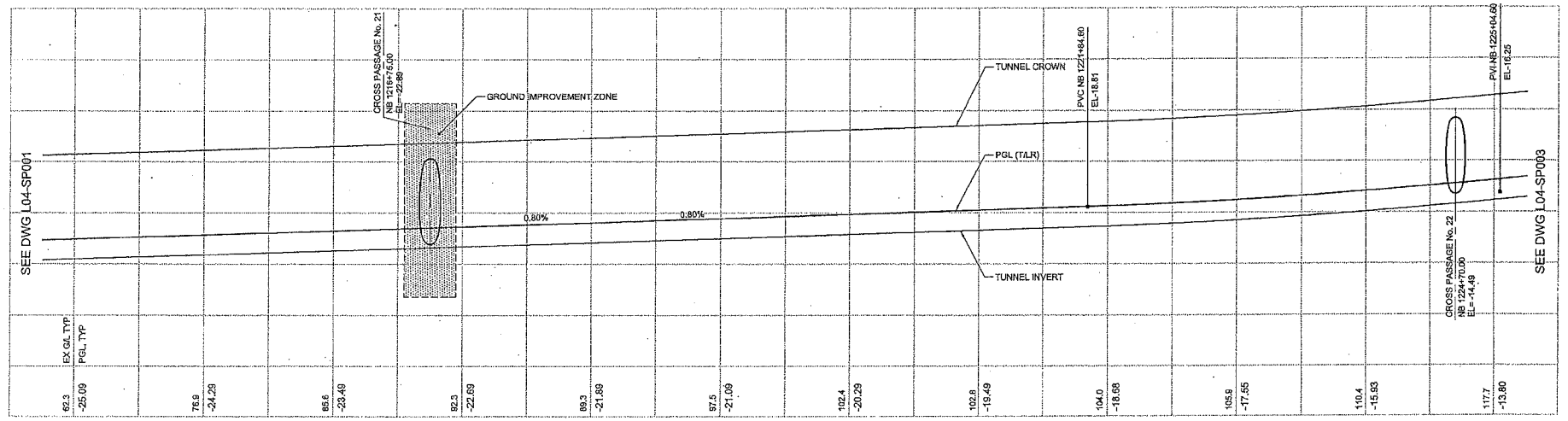
Drawing No.	L04-SP003
Vault Plan No.	
Sheet No.	21
Rev No.	0

RECEIVED
CITY CLERK



NOTES:

1. FOR HORIZONTAL TRACK ALIGNMENT DATA, SEE DRAWING L04-SZ002.
2. FOR CURVE SYMBOLS, SEE DRAWING L04-SZ003.
3. FOR TRACK AND TUNNEL CENTERLINE OFFSET (X), SEE DRAWING L04-SZ004.



No.	Date	Des	Chk	App	Revisions

City of Seattle

Work Order No:	Approved:
Permit No:	Inspector's Book:
	Received:
	Revised As Built:
SDOT:	

Designed By:	S. NJOLOMA
Drawn By:	A. BYERS
Checked By:	A. MENCKE
Approved By:	A. MENCKE

90% SUBMITTAL

JACOBS ASSOCIATES
Engineers/Consultants
BOLIMA DRAFTING & DESIGN INC.

Submitted:	Date:	Approved:	Date:
I. LAMB	09/06/12	S. AL-TAMIMI	09/06/12

IF THIS BAR IS 1 INCH AT FULL SIZE ADJUST SCALES ACCORDINGLY

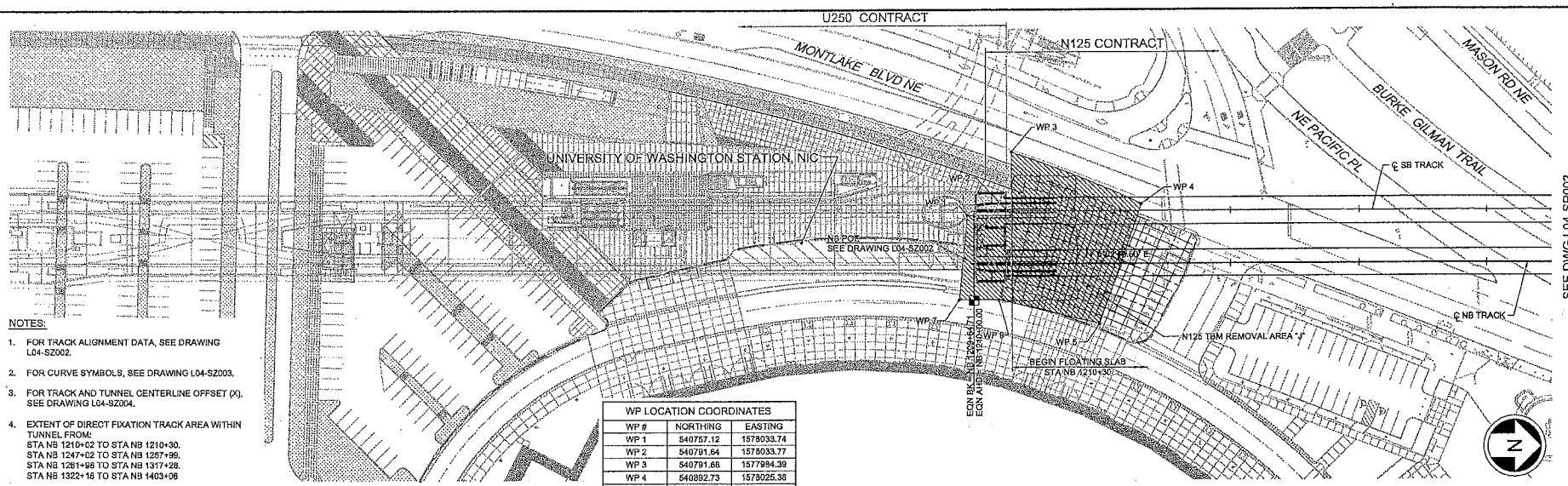
SOUNDTRANSIT

Scale:	H:1"=40';V:1"=10'
Filename:	N25_L04_SP002.dwg
Contract No:	N125
Date:	09/06/12

LINK CONTRACT N125
TUNNELS, PORTAL AND STATION EXCAVATIONS

TUNNEL STRUCTURE
NB PLAN AND PROFILE
STA NB 1214+00 TO STA NB 1225+00

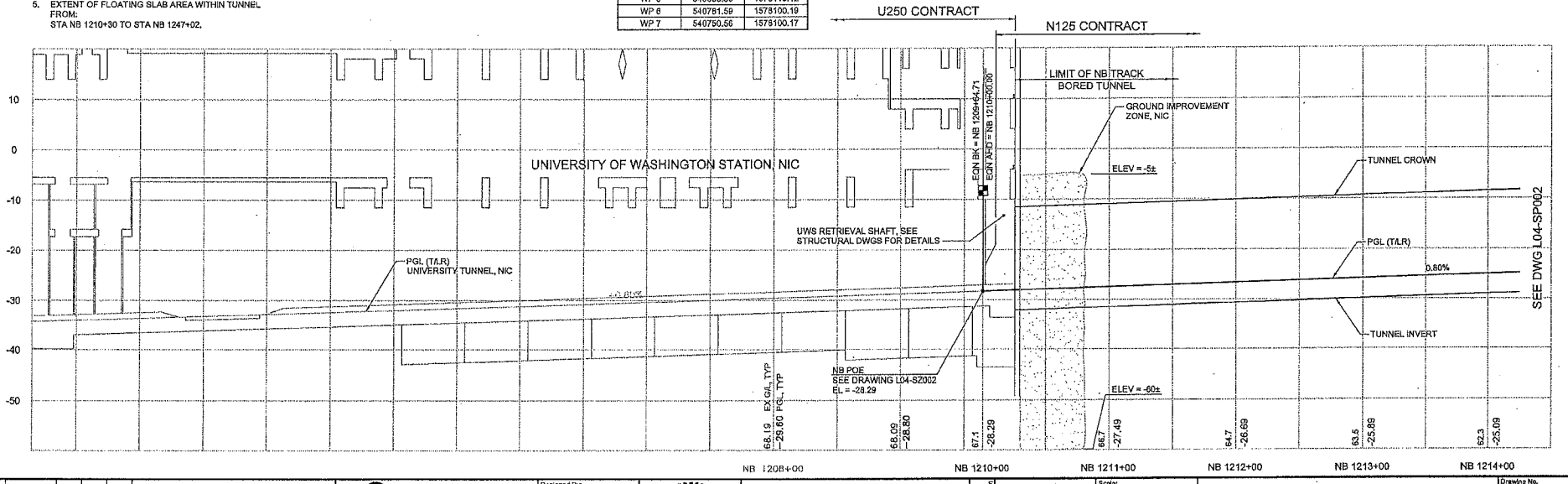
Drawing No.	L04-SP002
Vault Plan No.	
Sheet No.	22
Rev No.	0



NOTES:

1. FOR TRACK ALIGNMENT DATA, SEE DRAWING L04-SZ002.
2. FOR CURVE SYMBOLS, SEE DRAWING L04-SZ003.
3. FOR TRACK AND TUNNEL CENTERLINE OFFSET (X), SEE DRAWING L04-SZ004.
4. EXTENT OF DIRECT FIXATION TRACK AREA WITHIN TUNNEL FROM:
   STA NB 1210+02 TO STA NB 1210+30.
   STA NB 1247+02 TO STA NB 1257+99.
   STA NB 1281+98 TO STA NB 1317+28.
   STA NB 1322+16 TO STA NB 1403+06
5. EXTENT OF FLOATING SLAB AREA WITHIN TUNNEL FROM:
   STA NB 1210+30 TO STA NB 1247+02.

WP LOCATION COORDINATES		
WP #	NORTHING	EASTING
WP 1	540757.12	1578033.74
WP 2	540791.64	1578033.77
WP 3	540791.66	1577984.39
WP 4	540892.73	1578025.38
WP 5	540860.33	1578119.12
WP 6	540781.59	1578100.19
WP 7	540750.56	1578100.17



No.	Date	Den	Chk	App	Revisions

City of Seattle

Work Order No:	Approved:
Permit No:	Inspector's Book:
	Received:
SDOT:	Revised As Built:

Designed By:	S. NJOLOMA
Drawn By:	A. BYERS
Checked By:	A. MENCKE
Approved By:	A. MENCKE

90% SUBMITTAL

JACOBS ASSOCIATES
Engineers/Consultants
BOLIMA DRAFTING & DESIGN INC.

Submitted:	Date:	Approved:	Date:
I. LAMB	09/08/12	S. AL-TAMIMI	09/08/12

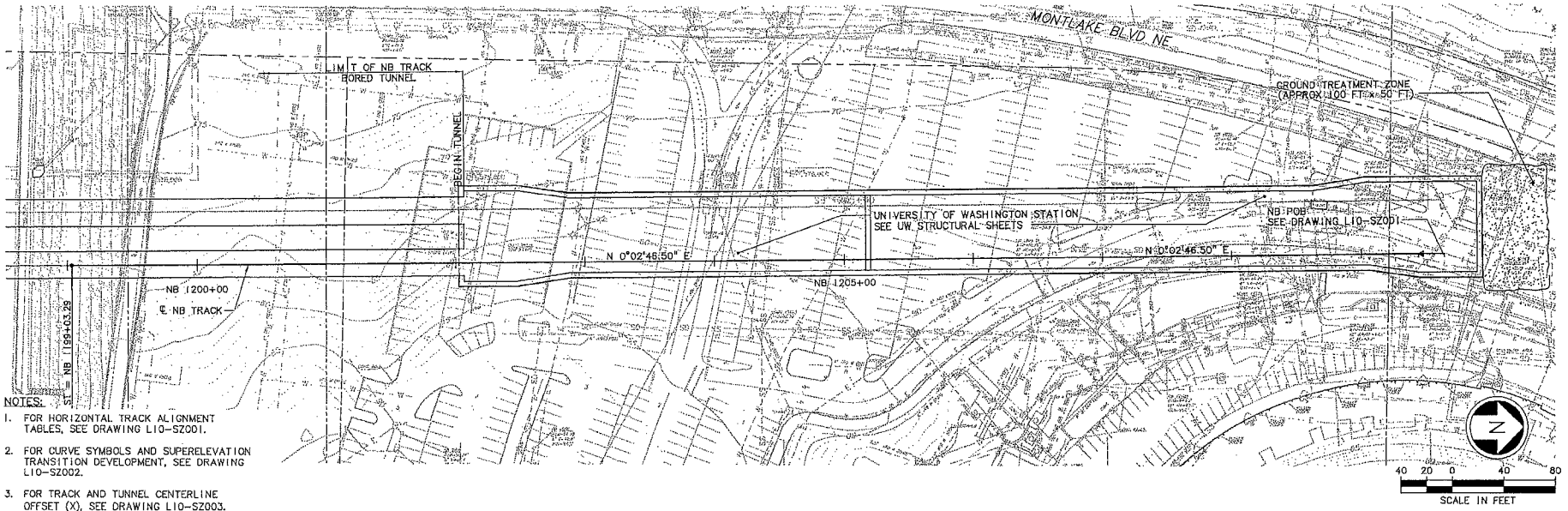
SOUNDTRANSIT

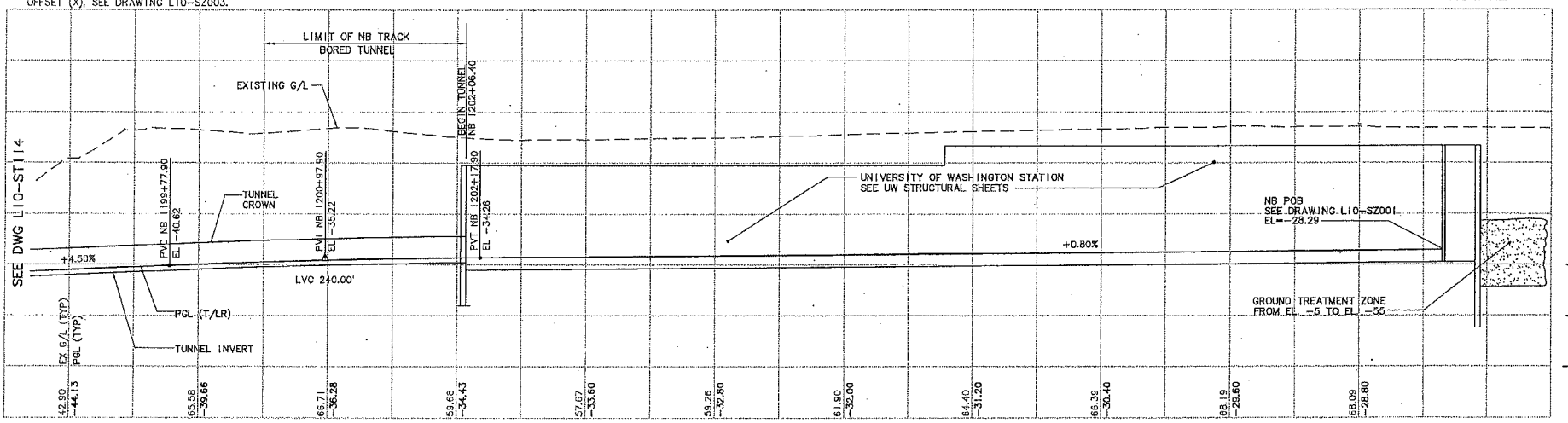
Scale:	H:1"=40';V:1"=10'
Filename:	N25_L04_SP001.dwg
Contract No:	N125
Date:	09/08/12

LINK CONTRACT N125
TUNNELS, PORTAL AND STATION EXCAVATIONS

TUNNEL STRUCTURE
NB PLAN AND PROFILE
STA NB 1210+00 TO STA NB 1214+00

Drawing No.	L04-SP001
Vault Plan No.	
Sheet No.	23
Rev No.	0





No.	Date	Dsn.	Chk.	App.	Revisions
0	05/05/09				ISSUED FOR CONSTRUCTION

City of Seattle

Work Order No.	Approved:
Permit No.	Inspector's Book:
	Received:
SDOT:	Revised As Built:

Designed By:	A. MENCKE
Drawn By:	H. JORISSEN
Checked By:	S. SWARTZ
Approved By:	A. MENCKE

Submitted: D. ADAMS 05/05/09
Approved: J. SLEAVIN 05/05/09
Date: 12/29/08

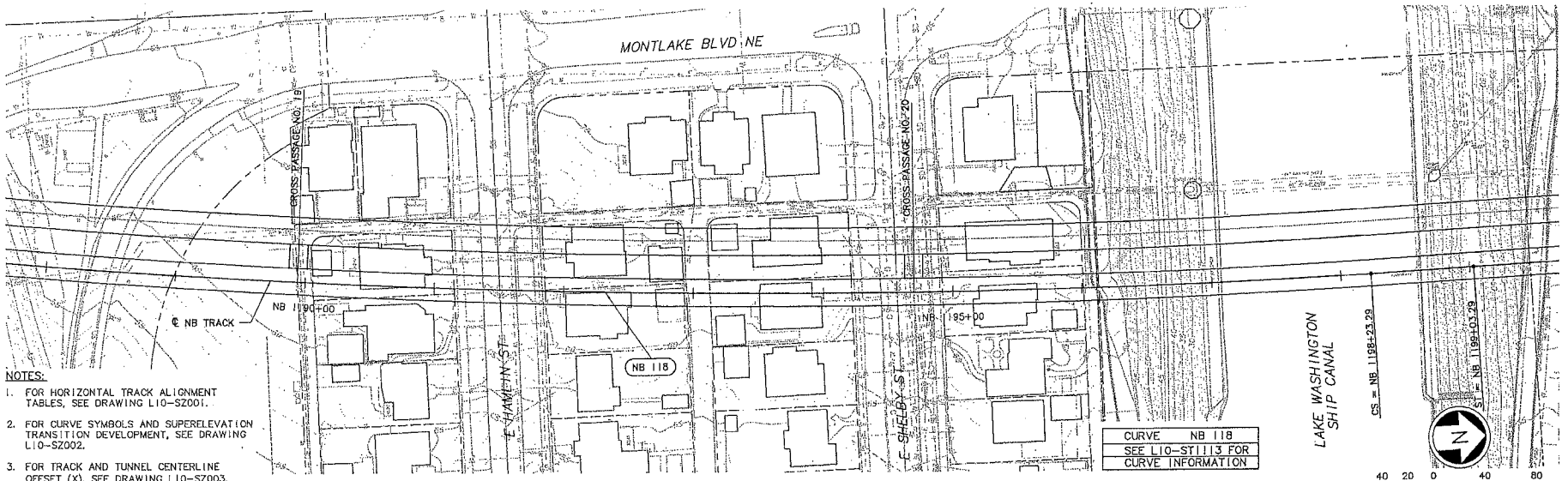
Scale: H: 1"=40'; V: 1"=40'
Filename: U20_L10_ST115.DWG
Contract No.: U220

LINK CONTRACT U220
TBM TUNNELS (UWS TO CHS)

TUNNEL STRUCTURE
PLAN & PROFILE
STA NB 1199+00 TO STA NB 1202+06.40

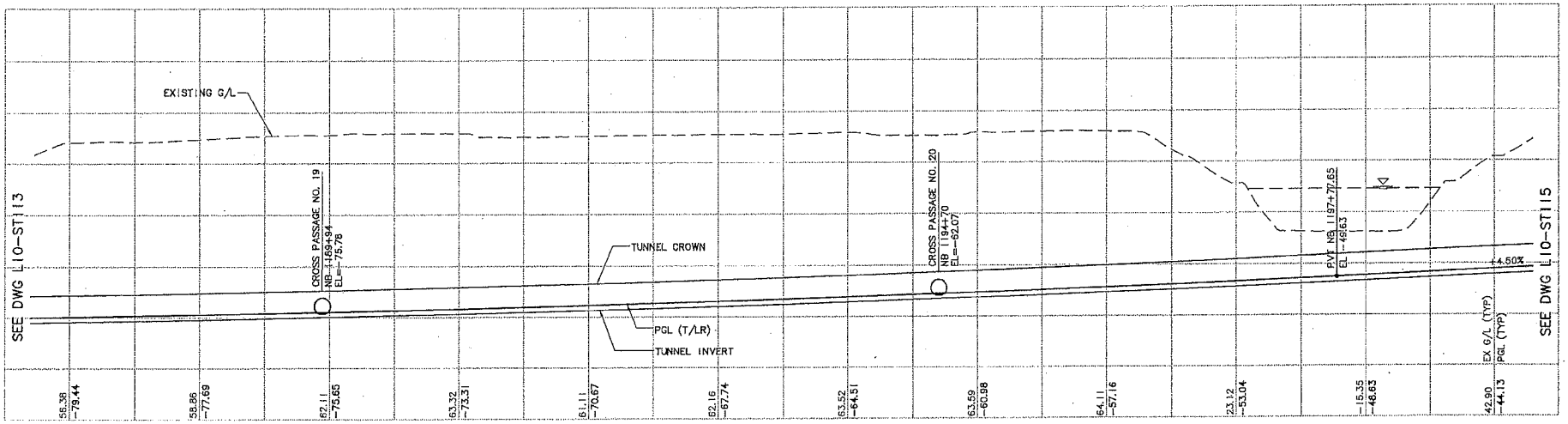
Drawing No.: L10-ST115
Vault Plan No.
Sheet No.: 24
Rev.: 0

s:\work\U20_L10_ST115.DWG
04/21/09 09:06 - PORTERB OE3273



NOTES:

1. FOR HORIZONTAL TRACK ALIGNMENT TABLES, SEE DRAWING L10-SZ001.
2. FOR CURVE SYMBOLS AND SUPERELEVATION TRANSITION DEVELOPMENT, SEE DRAWING L10-SZ002.
3. FOR TRACK AND TUNNEL CENTERLINE OFFSET (X), SEE DRAWING L10-SZ003.



No.	Date	Dsn.	Chk.	App.	Revisions
0	05/05/09				ISSUED FOR CONSTRUCTION

City of Seattle

Work Order No. | Approved:
Permit No. | Inspector's Book:
Received:
Revised As Built:
SDOT:

Designed By: A. MENCKE
Drawn By: H. JORISSEN
Checked By: S. SWARTZ
Approved By: A. MENCKE

ANDREW S. MENCKE, STATE OF WASHINGTON, 43847, REGISTERED PROFESSIONAL ENGINEER

NTP Northlink Transit Partners

Submitted: D. ADAMS Date: 05/05/09

SOUNDTRANSIT

Approved: J. SLEAVIN Date: 05/05/09

Scale: H: 1"=40'; V: 1"=40'
Filename: U20_L10_ST114.DWG
Contract No.: U220
Date: 12/29/08

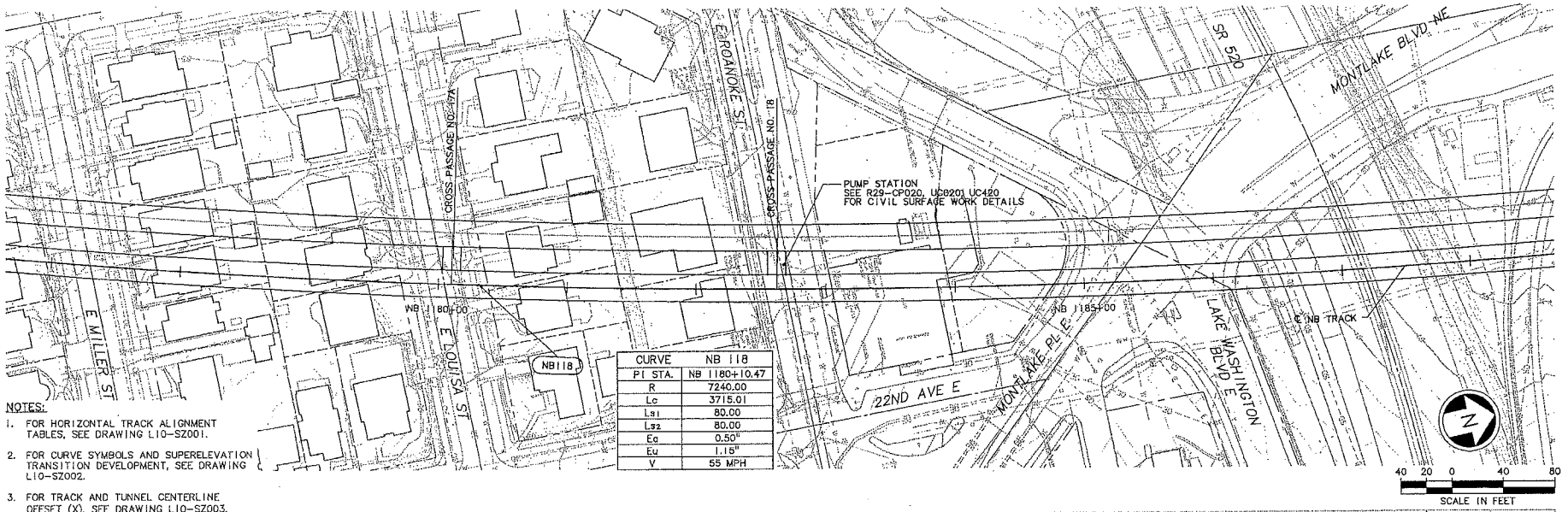
LINK CONTRACT U220
TBM TUNNELS (UWS TO CHS)

TUNNEL STRUCTURE
PLAN & PROFILE
STA NB 1188+00 TO STA NB 1199+00

Drawing No.: L10-ST114
Vault Plan No.
Sheet No.: 25 Rev.: 0

c:\work\U20_L10_ST114.DWG
04/21/09 09:05 : PORTERB 0E3273

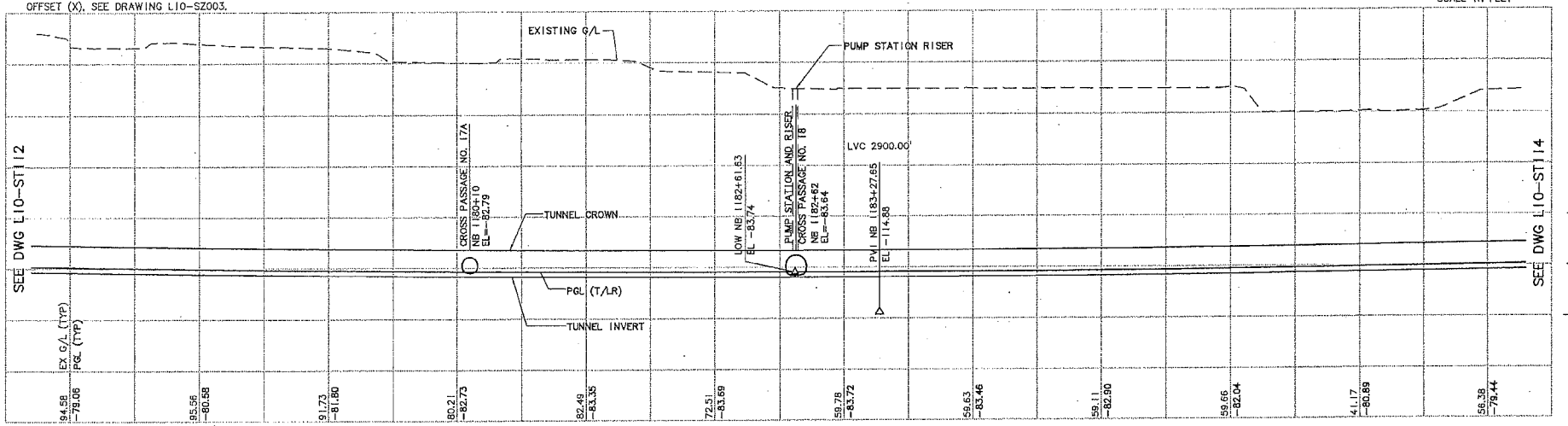
CITY CLERK



CURVE	NB 118
PI STA.	NB 1180+10.47
R	7240.00
Lc	3715.01
Ls1	80.00
Ls2	80.00
Ea	0.50"
Eu	1.15"
V	55 MPH

NOTES:

1. FOR HORIZONTAL TRACK ALIGNMENT TABLES, SEE DRAWING L10-SZ001.
2. FOR CURVE SYMBOLS AND SUPERELEVATION TRANSITION DEVELOPMENT, SEE DRAWING L10-SZ002.
3. FOR TRACK AND TUNNEL CENTERLINE OFFSET (X), SEE DRAWING L10-SZ003.



No.	Date	Dsn.	Chk.	App.	Revisions
0	05/05/09				ISSUED FOR CONSTRUCTION

City of Seattle

Work Order No. | Approved:
Permit No. | Inspector's Book:
Received:
Revised As Built:
SDOT:

Designed By: A. MENCKE
Drawn By: H. JORISSEN
Checked By: S. SWARTZ
Approved By: A. MENCKE

ANDREW S. MENCKE, STATE OF WASHINGTON, 35417, REGISTERED PROFESSIONAL ENGINEER

NTP Northlink Transit Partners

Submitted: D. ADAMS Date: 05/05/09

SOUNDTRANSIT

Approved: J. SLEAVIN Date: 05/05/09

Scale: H: 1"=40'; V: 1"=40'
Filename: U20_L10_ST113.DWG
Contract No.: U220
Date: 12/29/08

LINK CONTRACT U220
TBM TUNNELS (UWS TO CHS)

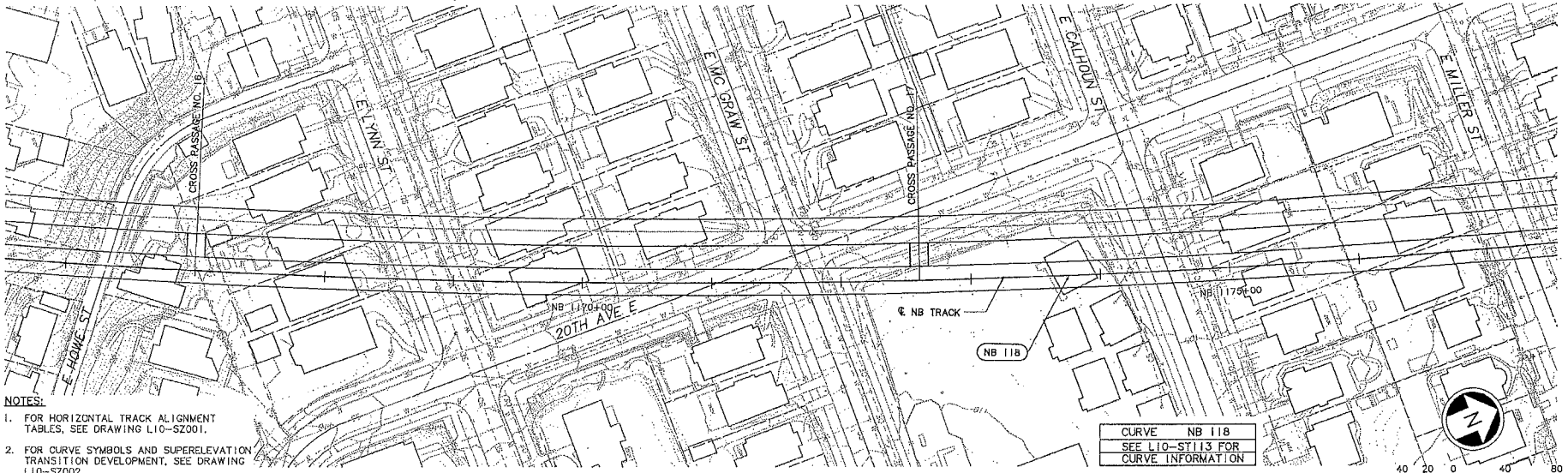
TUNNEL STRUCTURE
PLAN & PROFILE
STA NB 1177+00 TO STA NB 1188+00

Drawing No.: L10-ST113
Vault Plan No.
Sheet No.: 26 Rev.: 0

c:\work\U20_L10_ST113.DWG
04/21/09 09:04 : PORTERB 0E3273

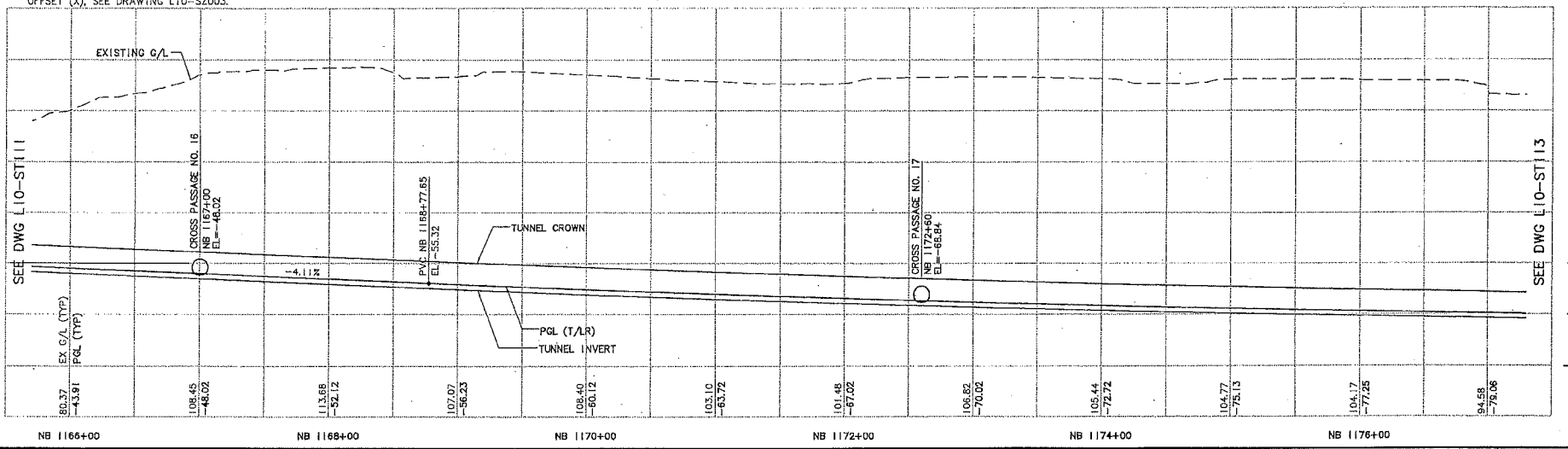
VAULT SERIAL NO. | DATE | MARK | NATURE | MADE | CHK'D | REV'D
REVISIONS

PDS CITY CLERK



NOTES:

1. FOR HORIZONTAL TRACK ALIGNMENT TABLES, SEE DRAWING L10-SZ001.
2. FOR CURVE SYMBOLS AND SUPERELEVATION TRANSITION DEVELOPMENT, SEE DRAWING L10-SZ002.
3. FOR TRACK AND TUNNEL CENTERLINE OFFSET (X), SEE DRAWING L10-SZ003.



No.	Date	Dsn.	Chk.	App.	Revisions
0	05/05/09				ISSUED FOR CONSTRUCTION

City of Seattle

Work Order No. | Approved:
Permit No. | Inspector's Book:
Received:
Revised As Built:
SDOT:

Designed By: A. MENCKE
Drawn By: H. JORISSEN
Checked By: S. SWARTZ
Approved By: A. MENCKE

NTP Northlink Transit Partners

Submitted: D. ADAMS Date: 05/05/09

SOUNDTRANSIT

Approved: J. SLEAVIN Date: 05/05/09

Scale: H: 1"=40'; V: 1"=40'
Filename: U20_L10_ST112.DWG
Contract No.: U220
Date: 12/29/08

LINK CONTRACT U220
TBM TUNNELS (UWS TO CHS)

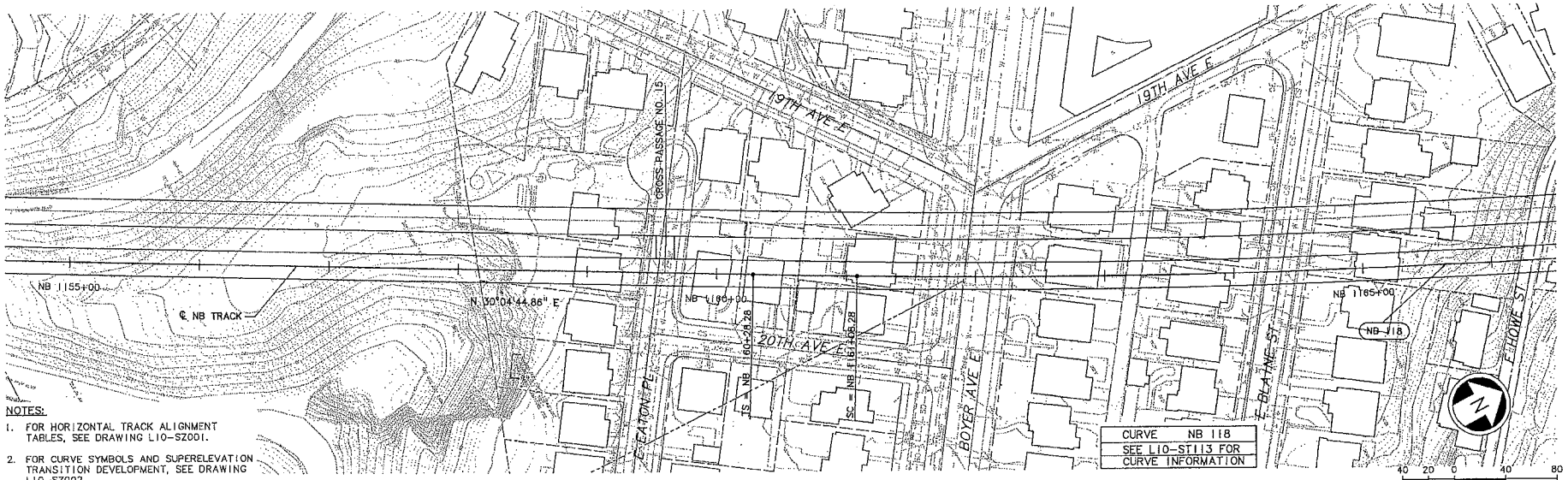
TUNNEL STRUCTURE
PLAN & PROFILE
STA NB 1166+00 TO STA NB 1177+00

Drawing No.: L10-ST112
Vault Plan No.
Sheet No.: 27 Rev.: 0

c:\work\U20_L10_ST112.DWG
04/21/09 09:04 : PORTERB 0E3273

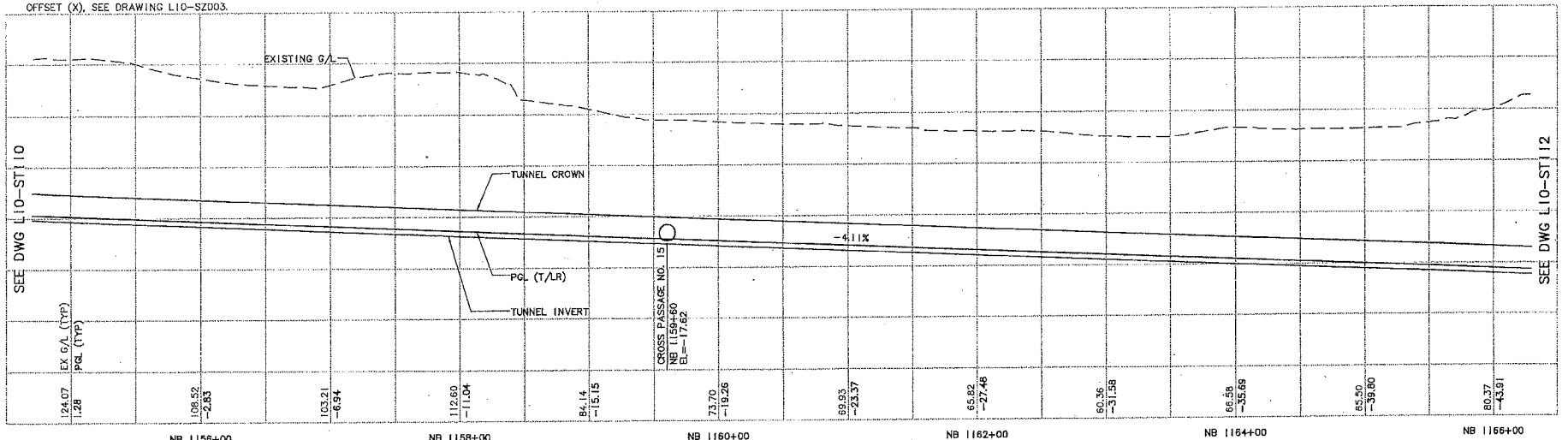
VAULT SERIAL NO. | DATE | MARK | NATURE | REVISIONS | MADE | CHK'D | REV'D

PAS CITY CLERK



NOTES:

1. FOR HORIZONTAL TRACK ALIGNMENT TABLES, SEE DRAWING L10-SZ001.
2. FOR CURVE SYMBOLS AND SUPERELEVATION TRANSITION DEVELOPMENT, SEE DRAWING L10-SZ002.
3. FOR TRACK AND TUNNEL CENTERLINE OFFSET (X), SEE DRAWING L10-SZ003.



No.	Date	Dan.	Chk.	App.	Revisions
0	05/05/09				ISSUED FOR CONSTRUCTION

City of Seattle

Work Order No. | Approved:
Permit No. | Inspector's Book:
Received:
Revised As Built:
SDOT:

Designed By: A. MENCKE
Drawn By: H. JORISSEN
Checked By: S. SWARTZ
Approved By: A. MENCKE

ANDREW S. MENCKE, STATE OF WASHINGTON, 35847, REGISTERED PROFESSIONAL ENGINEER

NTP Northlink Transit Partners

Submitted: D. ADAMS Date: 05/05/09

SOUNDTRANSIT

Approved: J. SLEAVIN Date: 05/05/09

Scale: H: 1"=40'; V: 1"=40'
Filename: U20_L10_ST111.DWG
Contract No.: U220
Date: 12/29/08

LINK CONTRACT U220
TBM TUNNELS (UWS TO CHS)

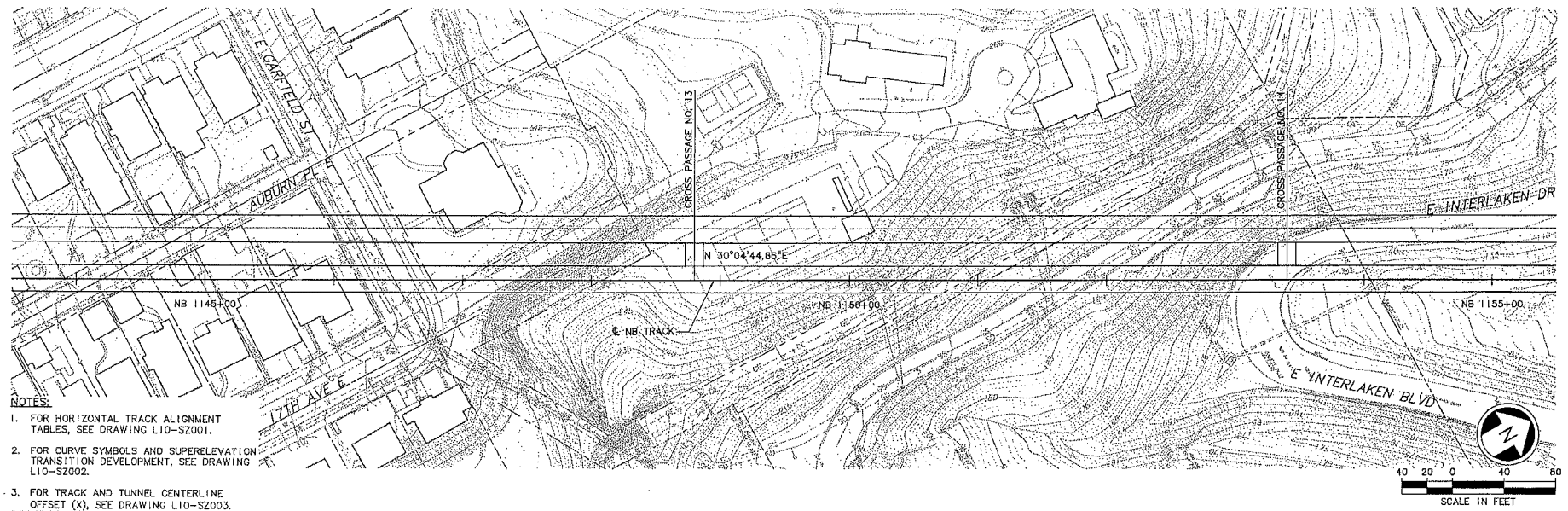
TUNNEL STRUCTURE
PLAN & PROFILE
STA NB 1155+00 TO STA NB 1166+00

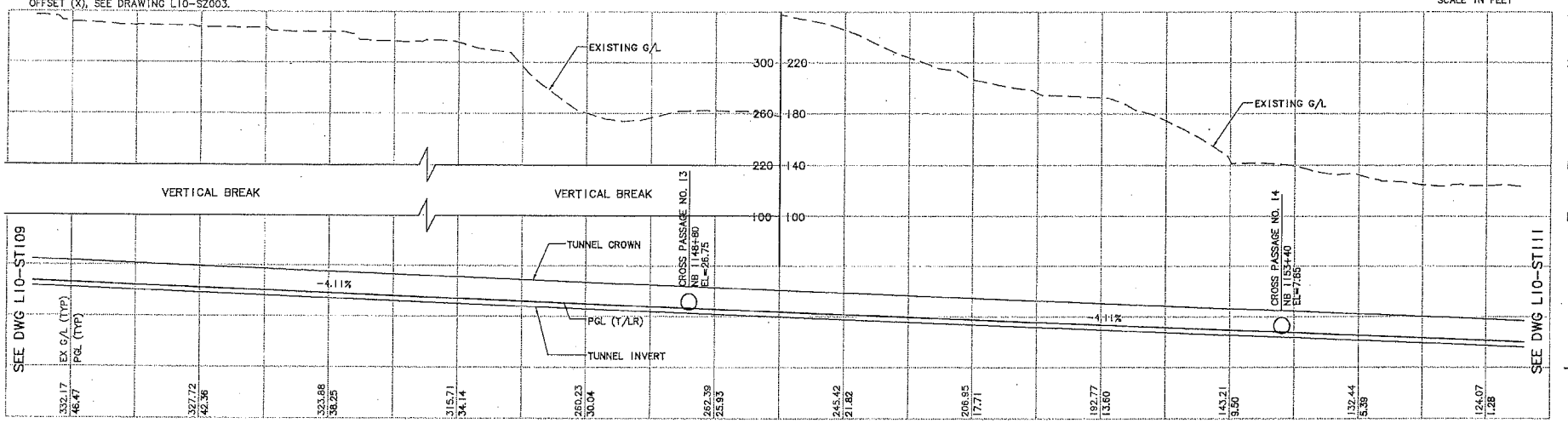
Drawing No.: L10-ST111
Vault Plan No.
Sheet No.: 28 Rev.: 0

c:\work\U20_L10_ST111.DWG
04/21/09 09:03 : PORTERB OE3273

VAULT SERIAL NO. | DATE | MARK | NATURE | MADE | CHK'D | REV'D
REVISIONS

DRS CITY CLERK





No.	Date	Dsn.	Chk.	App.	Revisions
0	05/05/09				ISSUED FOR CONSTRUCTION

City of Seattle

Work Order No. | Approved:
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SDOT:

Designed By: A. MENCKE
Drawn By: H. JORISSEN
Checked By: S. SWARTZ
Approved By: A. MENCKE

Submitted: D. ADAMS Date: 05/05/09
Approved: J. SLEAVIN Date: 05/05/09
Date: 12/29/08

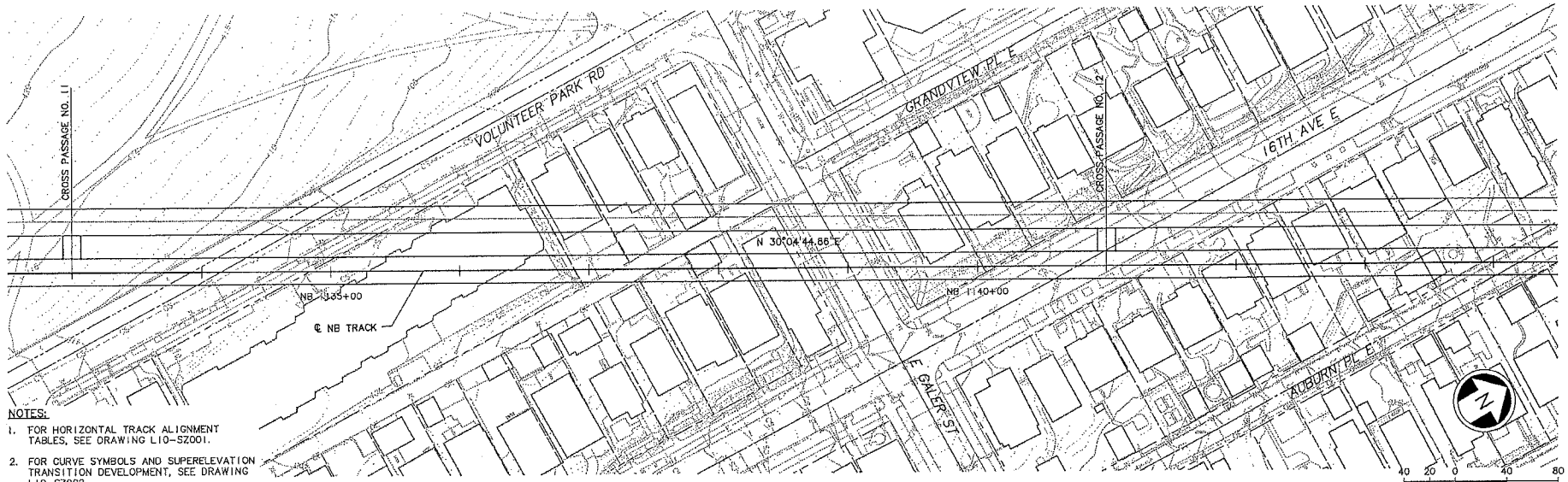
Scale: H: 1"=40'; V: 1"=40'
Filename: U20_L10_ST110.DWG
Contract No.: U220

LINK CONTRACT U220
TBM TUNNELS (UWS TO CHS)

TUNNEL STRUCTURE
PLAN & PROFILE
STA NB 1144+00 TO STA NB 1155+00

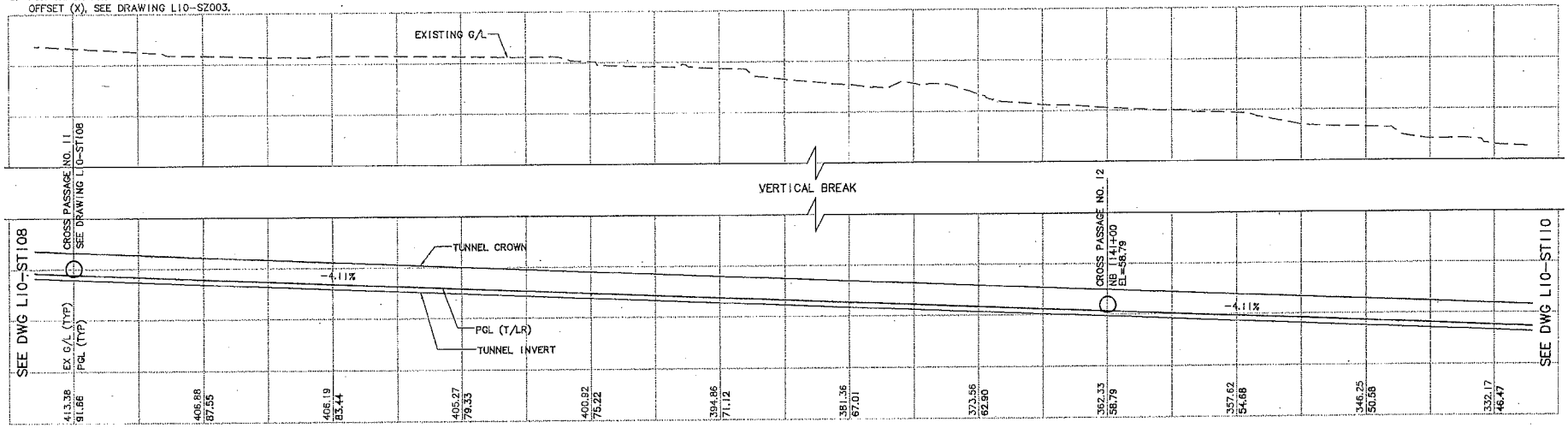
Drawing No.: L10-ST110
Vault Plan No.
Sheet No.: 29 Rev.: 0

J:\work\U20_L10_ST110.DWG 04/21/09 05:03 PORTER QE3273



NOTES:

1. FOR HORIZONTAL TRACK ALIGNMENT TABLES, SEE DRAWING L10-SZ001.
2. FOR CURVE SYMBOLS AND SUPERELEVATION TRANSITION DEVELOPMENT, SEE DRAWING L10-SZ002.
3. FOR TRACK AND TUNNEL CENTERLINE OFFSET (X), SEE DRAWING L10-SZ003.



No.	Date	Dsn.	Chk.	App.	Revisions
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City of Seattle

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Designed By: A. MENCKE
Drawn By: H. JORISSEN
Checked By: S. SWARTZ
Approved By: A. MENCKE

NTP Northlink Transit Partners

Submitted: D. ADAMS Date: 05/05/09

SOUNDTRANSIT

Approved: J. SLEAVIN Date: 05/05/09

Scale: H: 1"=40'; V: 1"=40'
Filename: U20_L10_ST109.DWG
Contract No.: U220
Date: 12/29/08

LINK CONTRACT U220
TBM TUNNELS (UWS TO CHS)

TUNNEL STRUCTURE
PLAN & PROFILE
STA NB 1133+00 TO STA NB 1144+00

Drawing No.: L10-ST109
Vault Plan No.
Sheet No.: 30 Rev.: 0

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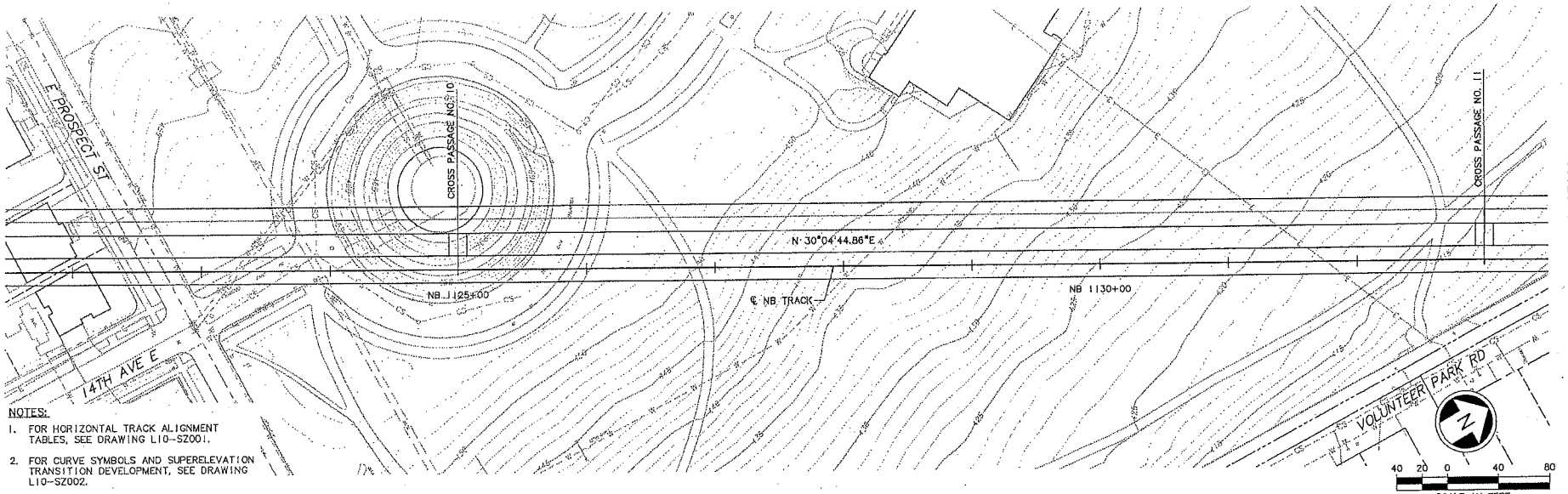
04/21/09 09:02 : PORTERB OE3273

XREF'S
Resolved
KA-1101
REG-ASM2
U10_v40
U20_L10_SP
U20_L10_SV
U20_L10_KA
X319RX
X319cn
X319sf
X319ut
X328RX
X328cn
X328sf
X328ut
X331GR
X331RX
X331cn
X331sf
X331ut
ZG-2234SEA
Zg-g20020
Unresolved
St_Names_N_4
LTSCALE
1=1

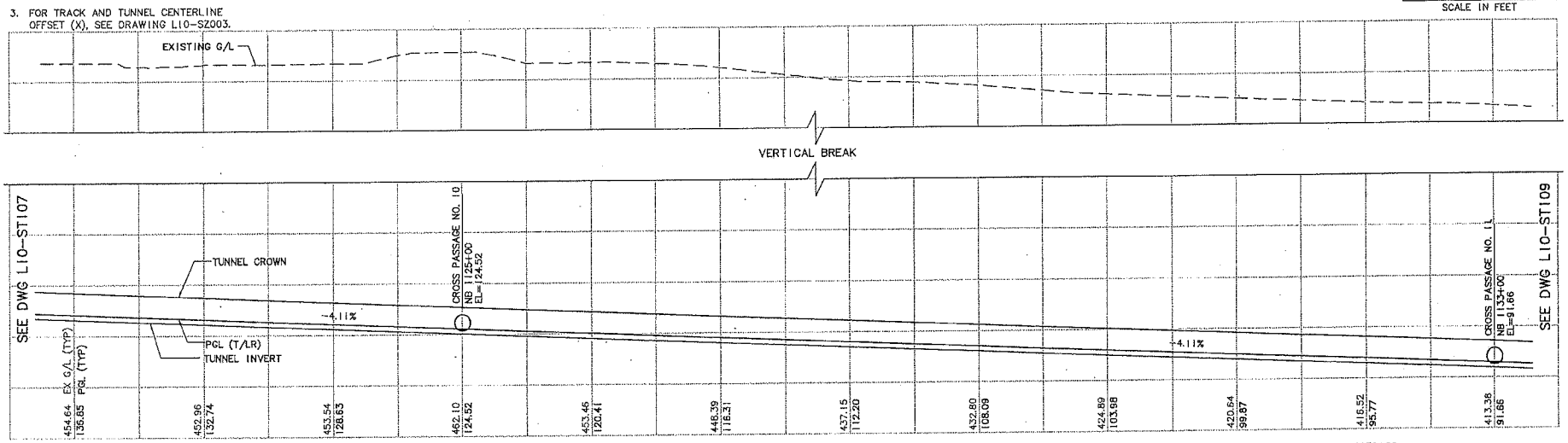
VAULT SERIAL NO. | DATE | MARK | NATURE | MADE | CHK'D | REV'D
REVISIONS

CITY CLERK



NOTES:

1. FOR HORIZONTAL TRACK ALIGNMENT TABLES, SEE DRAWING L10-SZ001.
2. FOR CURVE SYMBOLS AND SUPERELEVATION TRANSITION DEVELOPMENT, SEE DRAWING L10-SZ002.
3. FOR TRACK AND TUNNEL CENTERLINE OFFSET (X), SEE DRAWING L10-SZ003.



No.	Date	Dsn.	Chk.	App.	Revisions
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City of Seattle

Work Order No.	Approved:
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	Revised As Built:
SDOT:	

Designed By:	A. MENCKE
Drawn By:	H. JORISSEN
Checked By:	S. SWARTZ
Approved By:	A. MENCKE

Submitted:	Date:	Approved:	Date:
D. ADAMS	05/05/09	J. SLEAVIN	05/05/09

Scale: H: 1"=40'; V: 1"=40'
Filename: U20_L10_ST108.DWG
Contract No.: U220
Date: 12/29/08

LINK CONTRACT U220
TBM TUNNELS (UWS TO CHS)

TUNNEL STRUCTURE
PLAN & PROFILE
STA NB 1122+00 TO STA NB 1133+00

Drawing No.: L10-ST108
Vault Plan No.:
Sheet No.: 31
Rev.: 0

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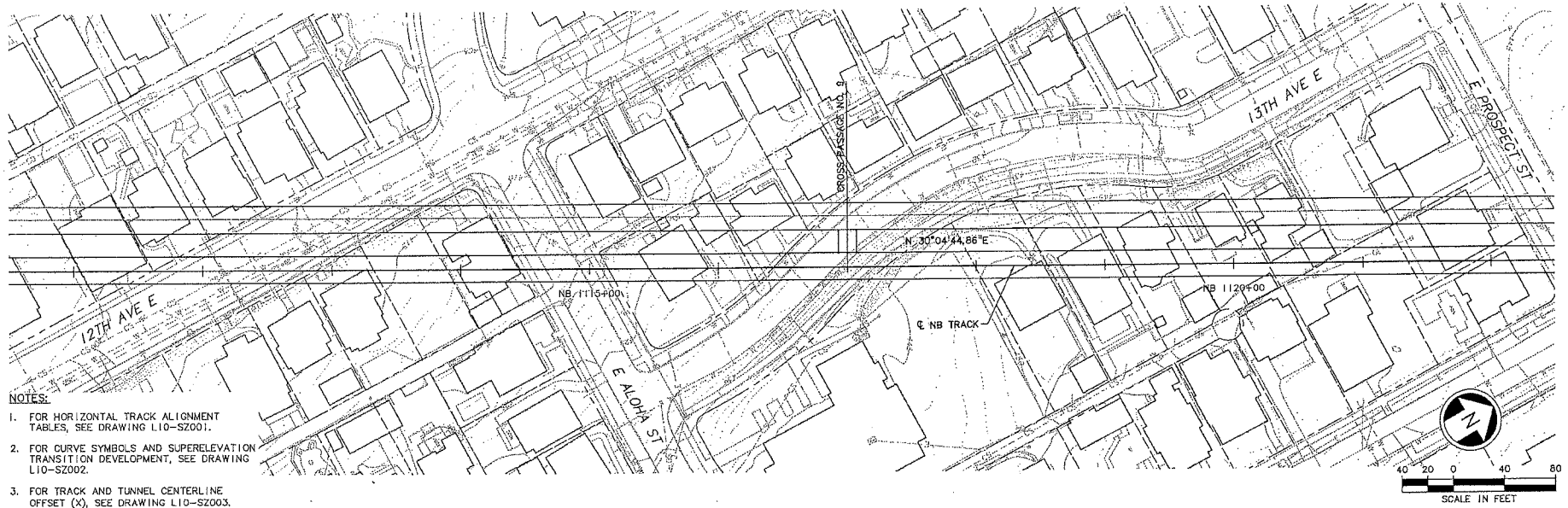
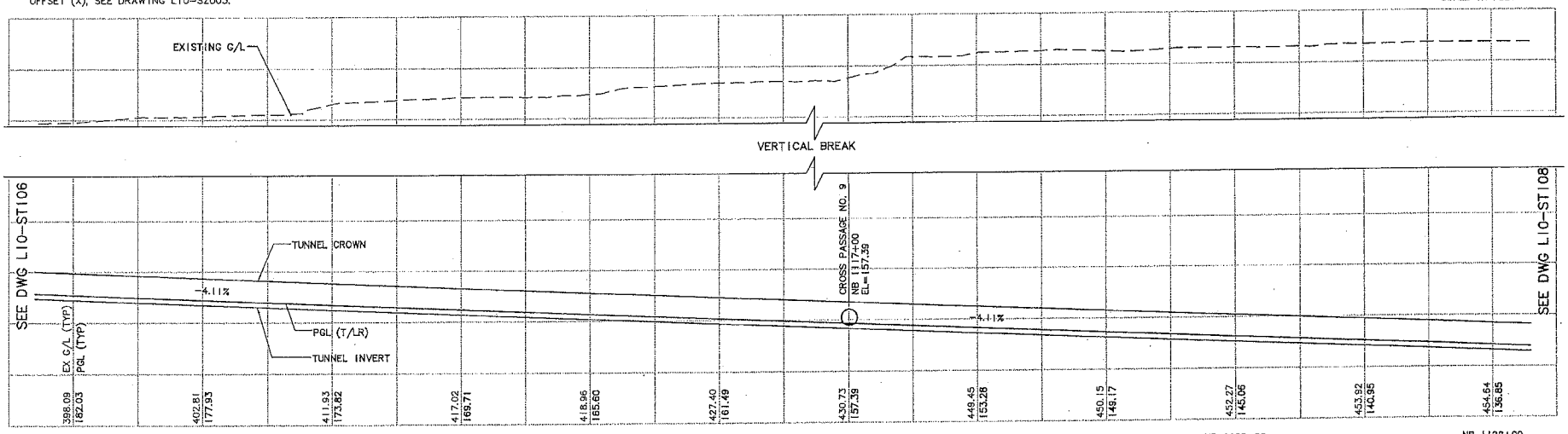
04/21/09 09:02 : PORTERB 0E3273

CITY CLERK



NOTES:

1. FOR HORIZONTAL TRACK ALIGNMENT TABLES, SEE DRAWING L10-SZ001.
2. FOR CURVE SYMBOLS AND SUPERELEVATION TRANSITION DEVELOPMENT, SEE DRAWING L10-SZ002.
3. FOR TRACK AND TUNNEL CENTERLINE OFFSET (X), SEE DRAWING L10-SZ003.



No.	Date	Dsn.	Chk.	App.	Revisions
0	05/05/09				ISSUED FOR CONSTRUCTION

City of Seattle

Work Order No. | Approved:
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Revised As Built:
SDOT:

Designed By: A. MENCKE
Drawn By: H. JORISSEN
Checked By: S. SWARTZ
Approved By: A. MENCKE

NTP Northlink Transit Partners

Submitted: D. ADAMS Date: 05/05/09

SOUNDTRANSIT

Approved: J. SLEAVIN Date: 05/05/09

Scale: H: 1"=40'; V: 1"=40'
Filename: U20_L10_ST107.DWG
Contract No.: U220
Date: 12/29/08

LINK CONTRACT U220
TBM TUNNELS (UWS TO CHS)

TUNNEL STRUCTURE
PLAN & PROFILE
STA NB 1111+00 TO STA NB 1122+00

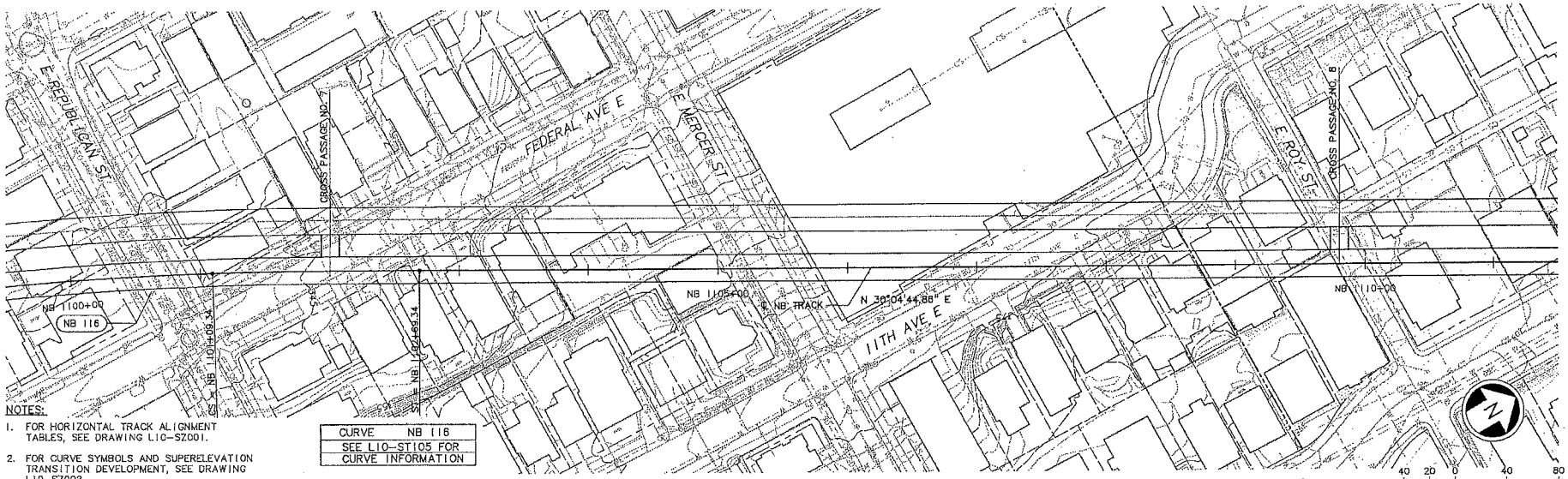
Drawing No.: L10-ST107
Vault Plan No.
Sheet No.: 32 Rev.: 0

c:\work\U20_L10_ST107.DWG
04/21/09 09:01 : PORTERB OE3273

VAULT SERIAL NO. | DATE | MARK | NATURE | MADE | CHK'D | REV'D
REVISIONS

XREF'S
Resolved
KA-1101
REC-ASM2
U10_v40
U20_L10_SP
U20_L10_SV
U60_L10_KA
X331GR
X331HX
X331cn
X331sf
X331ut
ZG-2234SEA
Zg-p20020
Unresolved
LTSCALE
1=1

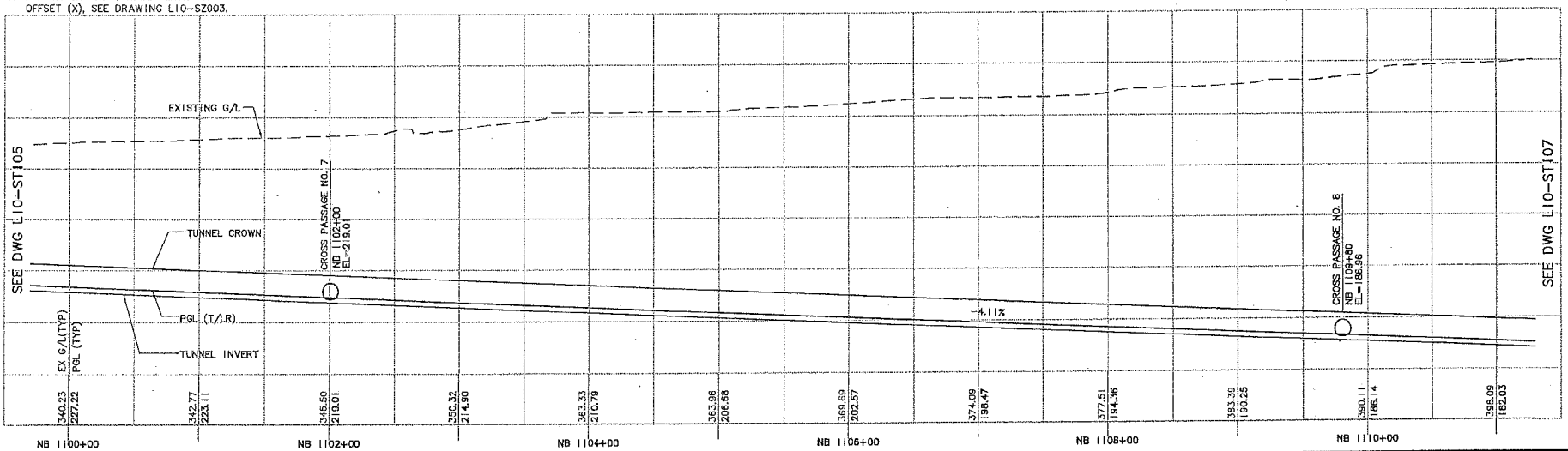
CITY CLERK



NOTES:

1. FOR HORIZONTAL TRACK ALIGNMENT TABLES, SEE DRAWING L10-SZ001.
2. FOR CURVE SYMBOLS AND SUPERELEVATION TRANSITION DEVELOPMENT, SEE DRAWING L10-SZ002.
3. FOR TRACK AND TUNNEL CENTERLINE OFFSET (X), SEE DRAWING L10-SZ003.

CURVE	NB 116
SEE L10-ST105 FOR CURVE INFORMATION	



No.	Date	Dsn.	Chk.	App.	Revisions
0	05/05/09				ISSUED FOR CONSTRUCTION

City of Seattle

Work Order No. | Approved:
Permit No. | Inspector's Book:
Received:
Revised As Built:
SDOT:

Designed By: A. MENCKE
Drawn By: H. JORISSEN
Checked By: S. SWARTZ
Approved By: A. MENCKE

ANDREW S. MENCKE, STATE OF WASHINGTON, 35817, REGISTERED PROFESSIONAL ENGINEER

NTP Northlink Transit Partners

Submitted: D. ADAMS Date: 05/05/09

SOUNDTRANSIT

Approved: J. SLEAVIN Date: 05/05/09

Scale: H: 1"=40'; V: 1"=40'
Filename: U20_L10_ST106.DWG
Contract No.: U220
Date: 12/29/08

LINK CONTRACT U220
TBM TUNNELS (UWS TO CHS)

TUNNEL STRUCTURE
PLAN & PROFILE
STA NB 1100+00 TO STA NB 1111+00

Drawing No.: L10-ST106
Vault Plan No.
Sheet No.: 33 Rev.: 0

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04/21/09 09:01 : PORTERB OE3273

XREF'S
Resolved
U11_N14_CC
U11_N14_CP
U11_N14_CT_1
U11_N14_RP
U11_N14_SW_1
U11_N14_SW_2
U11_N14_SW_3
X333cn
X333sf
X333ut
u11-N14_EP_1
x333rx
KA-1tol
REC-ASMZ
U10_v40
U20_L10_SP
U20_L10_SV
U30_L10_SP
U30_L10_SV
U60_L10_KA
X331GR
X331RX
X331cn
X331sf
X331ut
X333GR
ZG-2234SEA
Zg-g20020
u30_333_cn
u30_333_rx
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u30_333_ut
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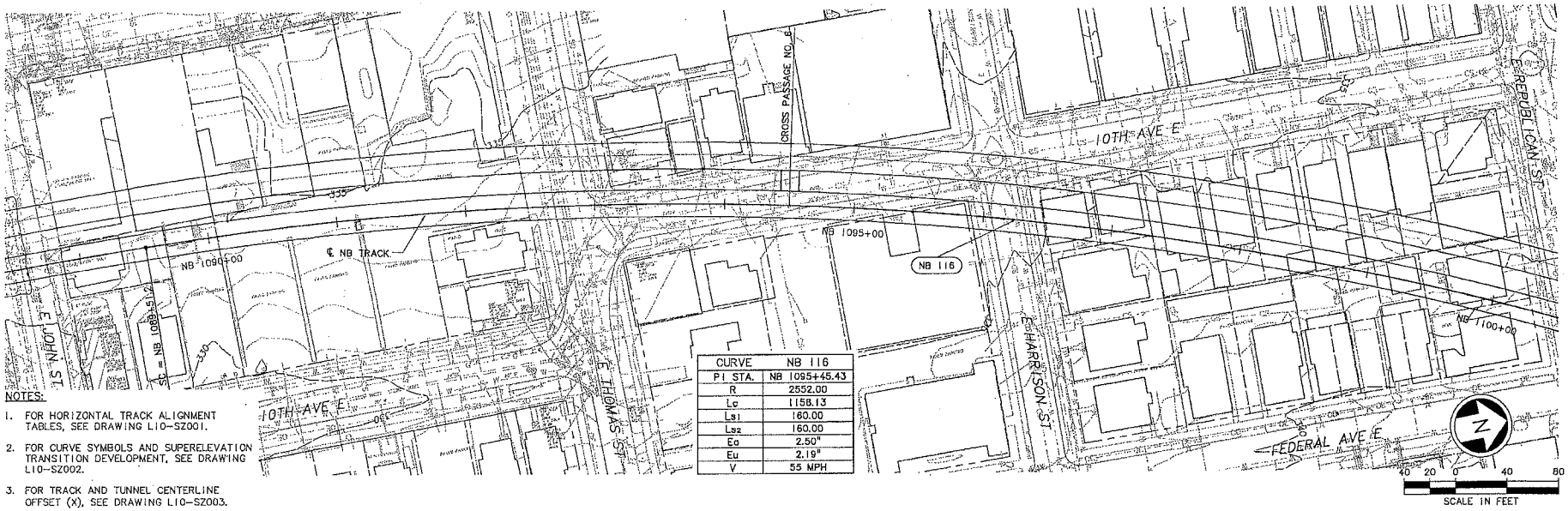
LTSCAN
VAULT SERIAL NO. | DATE | MARK | NATURE | MADE | CHK'D | REV'D
REVISIONS

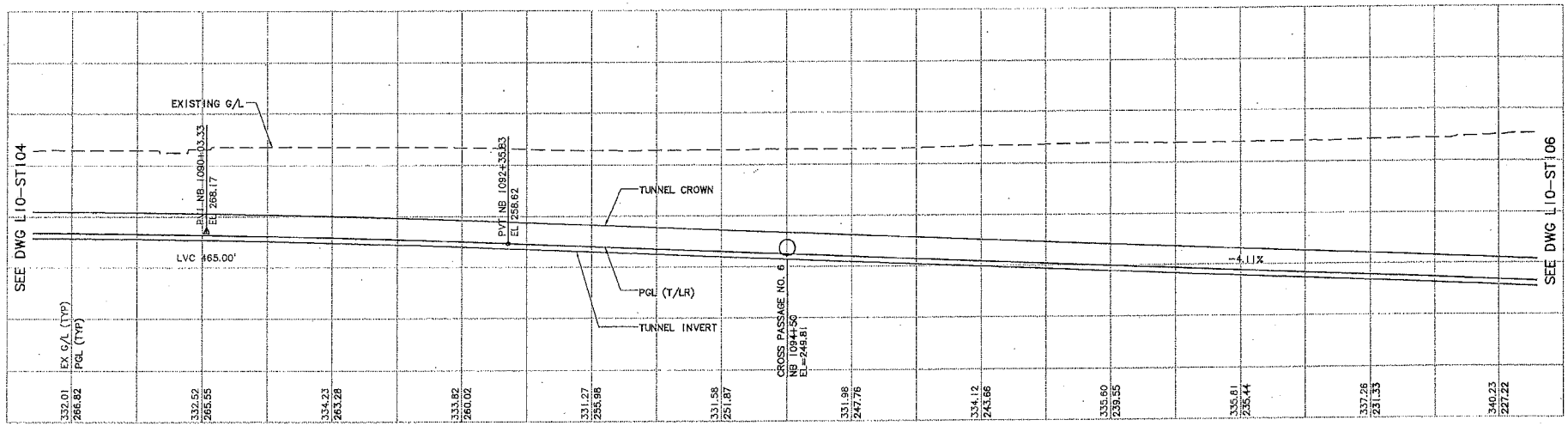
CITY CLERK



CURVE	NB 116
PI STA.	NB 1095+45.43
R	2552.00
Lc	1158.13
Ls1	160.00
Ls2	160.00
Ea	2.50"
Eu	2.19"
V	55 MPH

NOTES:

1. FOR HORIZONTAL TRACK ALIGNMENT TABLES, SEE DRAWING L10-SZ001.
2. FOR CURVE SYMBOLS AND SUPERELEVATION TRANSITION DEVELOPMENT, SEE DRAWING L10-SZ002.
3. FOR TRACK AND TUNNEL CENTERLINE OFFSET (X), SEE DRAWING L10-SZ003.



No.	Date	Dsn.	Chk.	App.	Revisions
0	05/05/09				ISSUED FOR CONSTRUCTION

City of Seattle

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Designed By: A. MENCKE
Drawn By: H. JORISSEN
Checked By: S. SWARTZ
Approved By: A. MENCKE

NTP Northlink Transit Partners

Submitted: D. ADAMS Date: 05/05/09

SOUNDTRANSIT

Approved: J. SLEAVIN Date: 05/05/09

Scale: H: 1"=40'; V: 1"=40'
Filename: U20_L10_ST105.DWG
Contract No.: U220
Date: 12/29/08

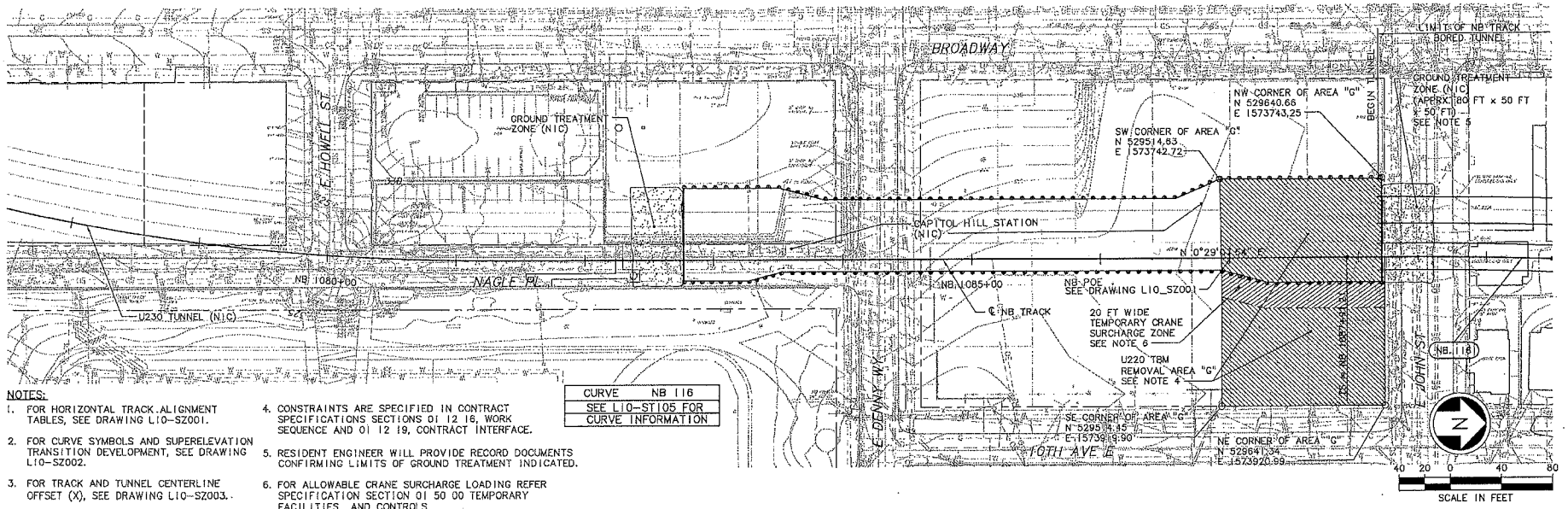
LINK CONTRACT U220
TBM TUNNELS (UWS TO CHS)

TUNNEL STRUCTURE
PLAN & PROFILE
STA NB 1089+00 TO STA NB 1100+00

Drawing No.: L10-ST105
Vault Plan No.
Sheet No.: 34 Rev.: 0

c:\work\U20_L10_ST105.DWG
04/21/09 08:59 : PORTERB 0E3273

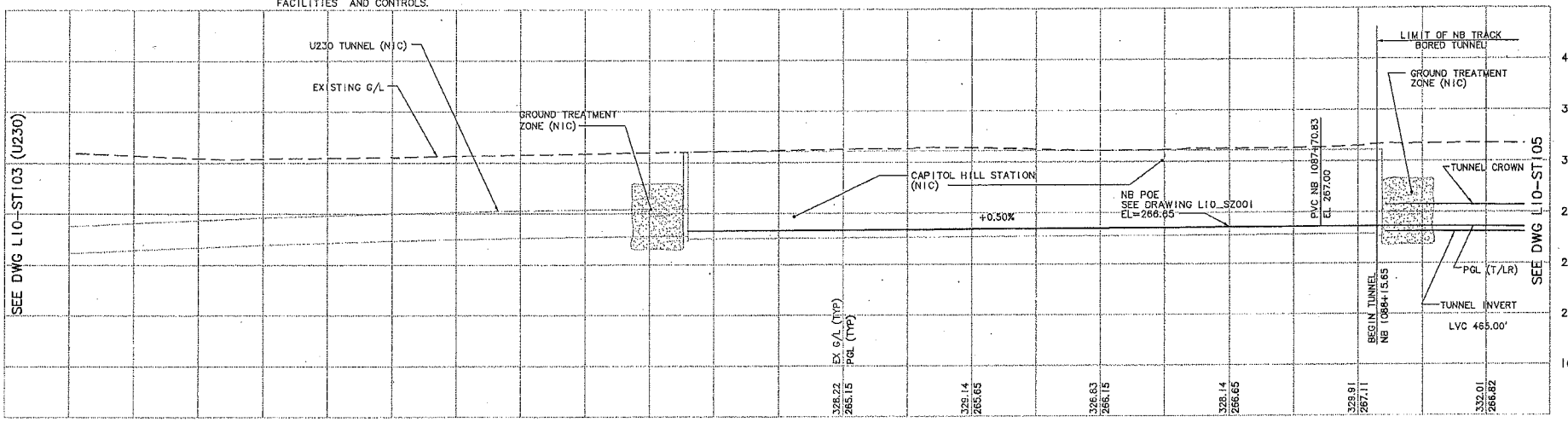
DNS CITY CLERK



CURVE	NB 116
SEE L10-ST105 FOR CURVE INFORMATION	

NOTES:

1. FOR HORIZONTAL TRACK ALIGNMENT TABLES, SEE DRAWING L10-SZ001.
2. FOR CURVE SYMBOLS AND SUPERELEVATION TRANSITION DEVELOPMENT, SEE DRAWING L10-SZ002.
3. FOR TRACK AND TUNNEL CENTERLINE OFFSET (X), SEE DRAWING L10-SZ003.
4. CONSTRAINTS ARE SPECIFIED IN CONTRACT SPECIFICATIONS SECTIONS 01 12 16, WORK SEQUENCE AND 01 12 19, CONTRACT INTERFACE.
5. RESIDENT ENGINEER WILL PROVIDE RECORD DOCUMENTS CONFIRMING LIMITS OF GROUND TREATMENT INDICATED.
6. FOR ALLOWABLE CRANE SURCHARGE LOADING REFER SPECIFICATION SECTION 01 50 00 TEMPORARY FACILITIES AND CONTROLS.



No.	Date	Dsn.	Chk.	App.	Revisions
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Designed By: A. MENCKE
Drawn By: H. JORISSEN
Checked By: S. SWARTZ
Approved By: A. MENCKE

NTP Northlink Transit Partners

Submitted: D. ADAMS Date: 05/05/09

SOUNDTRANSIT

Approved: J. SLEAVIN Date: 05/05/09

Scale: H: 1"=40'; V: 1"=40'
Filename: U20_L10_ST104.DWG
Contract No.: U220
Date: 12/29/08

LINK CONTRACT U220
TBM TUNNELS (UWS TO CHS)

TUNNEL STRUCTURE
PLAN & PROFILE
STA NB 1088+15.65 TO STA NB 1089+00

Drawing No.: L10-ST104
Vault Plan No.
Sheet No.: 35 Rev.: 0

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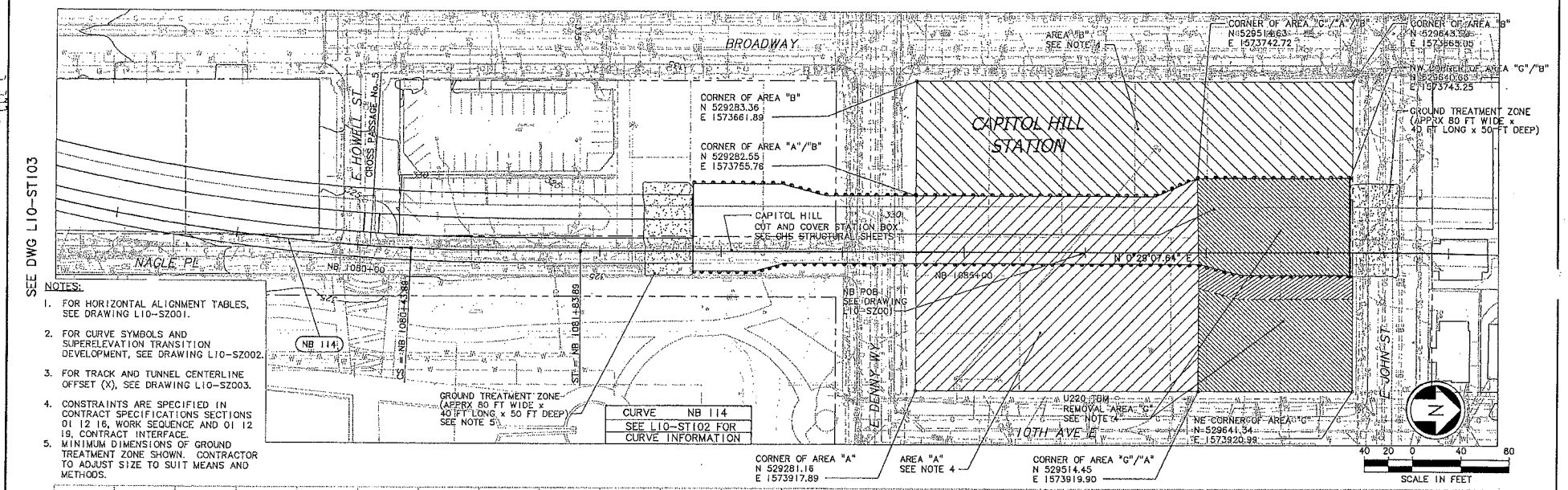
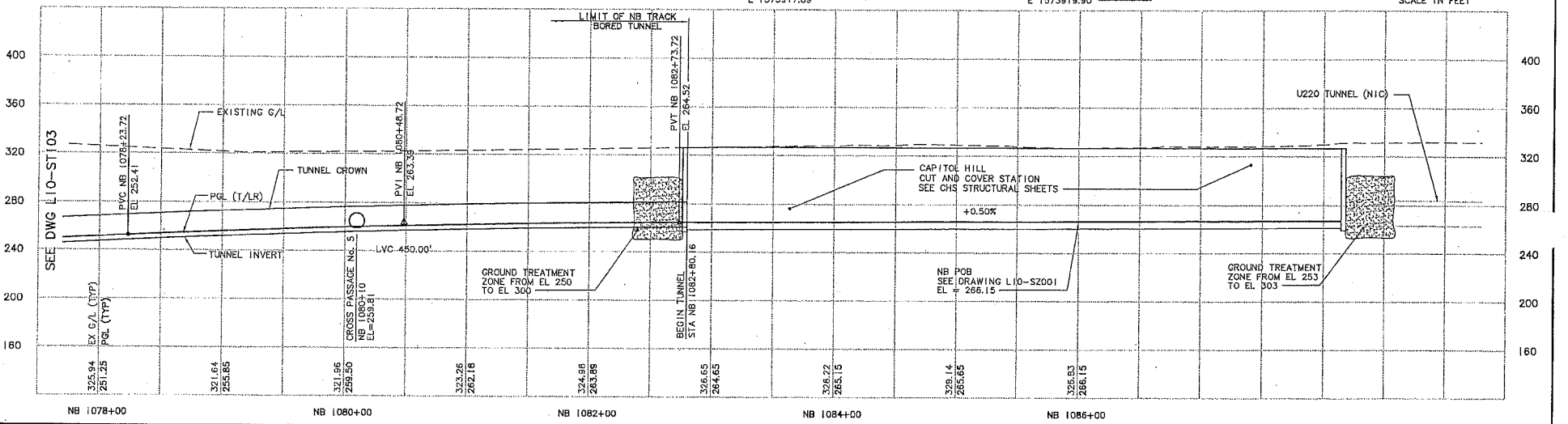
04/21/09 08:58 : PORTERB OE3273

CITY CLERK



NOTES:

1. FOR HORIZONTAL ALIGNMENT TABLES, SEE DRAWING L10-SZ001.
2. FOR CURVE SYMBOLS AND SUPERELEVATION TRANSITION DEVELOPMENT, SEE DRAWING L10-SZ002.
3. FOR TRACK AND TUNNEL CENTERLINE OFFSET (X), SEE DRAWING L10-SZ003.
4. CONSTRAINTS ARE SPECIFIED IN CONTRACT SPECIFICATIONS SECTIONS 01 12 16, WORK SEQUENCE AND 01 12 19, CONTRACT INTERFACE.
5. MINIMUM DIMENSIONS OF GROUND TREATMENT ZONE SHOWN. CONTRACTOR TO ADJUST SIZE TO SUIT MEANS AND METHODS.



No.	Date	Dsn.	Chk.	App.	Revisions
0	11/06/09				ISSUED FOR CONSTRUCTION

City of Seattle

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Permit No.	Inspector's Book:
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SDOT:	

Designed By:	A. MENCKE
Drawn By:	H. JORISSEN
Checked By:	S. SWARTZ
Approved By:	A. MENCKE

NTP Northlink Transit Partners

Submitted: D. ADAMS Date: 11/06/09

SOUNDTRANSIT

Approved: J. SLEAVIN Date: 11/06/09

Scale:	H: 1"=40'; V: 1"=40'
Filename:	U30_L10_ST104.DWG
Contract No.:	U230
Date:	01/20/09

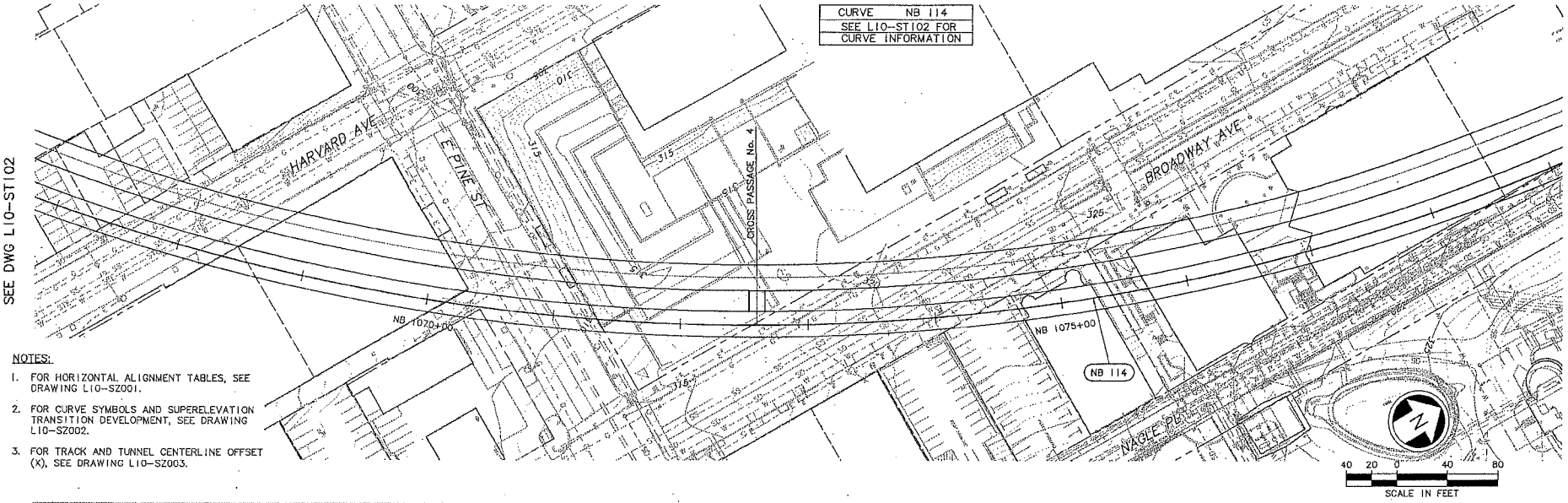
LINK CONTRACT U230
TBM TUNNELS (CHS TO PSST)

TUNNEL STRUCTURE
PLAN & PROFILE
STA NB 10781+00 TO STA NB 10821+80.16

Drawing No.:	L10-ST104
Vault Plan No.	
Sheet No.:	36
Rev.:	0

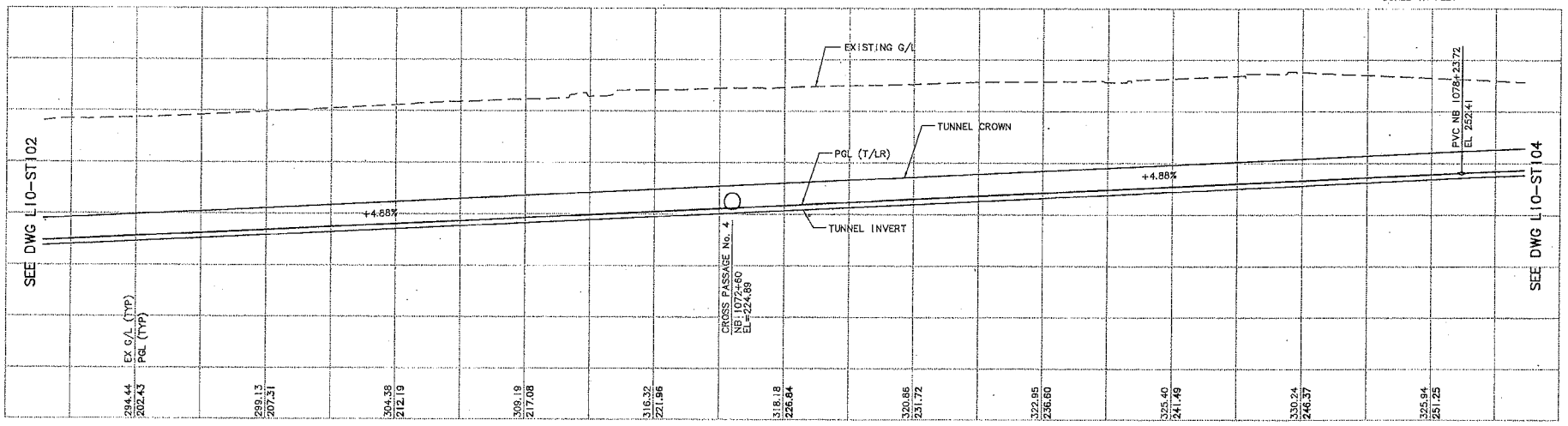
c:\work\u230\U30_L10_ST104.DWG
09/30/09 07:52 : porterb OE6577

FILED CITY CLERK



NOTES:

1. FOR HORIZONTAL ALIGNMENT TABLES, SEE DRAWING L10-SZ001.
2. FOR CURVE SYMBOLS AND SUPERELEVATION TRANSITION DEVELOPMENT, SEE DRAWING L10-SZ002.
3. FOR TRACK AND TUNNEL CENTERLINE OFFSET (X), SEE DRAWING L10-SZ003.



No.	Date	Dsn.	Chk.	App.	Revisions
0	11/06/09				ISSUED FOR CONSTRUCTION

City of Seattle

Work Order No. | Approved:
Permit No. | Inspector's Book:
Received:
Revised As Built:
SDOT:

Designed By: A. MENCKE
Drawn By: H. JORISSEN
Checked By: S. SWARTZ
Approved By: A. MENCKE

NTP Northlink Transit Partners

Submitted: D. ADAMS Date: 11/06/09

SOUNDTRANSIT

Approved: J. SLEAVIN Date: 11/06/09

Scale: H: 1"=40'; V: 1"=40'
Filename: U30_L10_ST103.DWG
Contract No.: U230
Date: 01/20/09

LINK CONTRACT U230
TBM TUNNELS (CHS TO PSST)

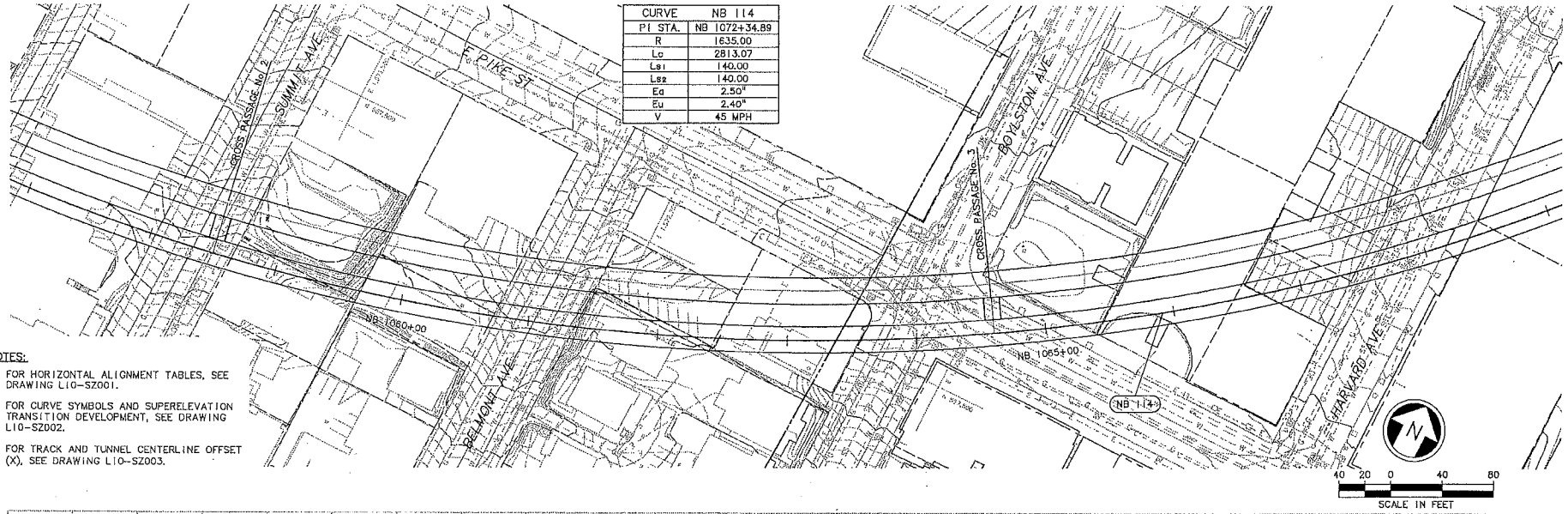
TUNNEL STRUCTURE
PLAN & PROFILE
STA NB 1068+00 TO STA NB 1078+00

Drawing No.: L10-ST103
Vault Plan No.
Sheet No.: 37 Rev.: 0

c:\work\u230\U30_L10_ST103.DWG
09/30/09 07:51 : porterb OE6577

VAULT SERIAL NO. | DATE | MARK | NATURE | MADE | CHK'D | REV'D
REVISIONS

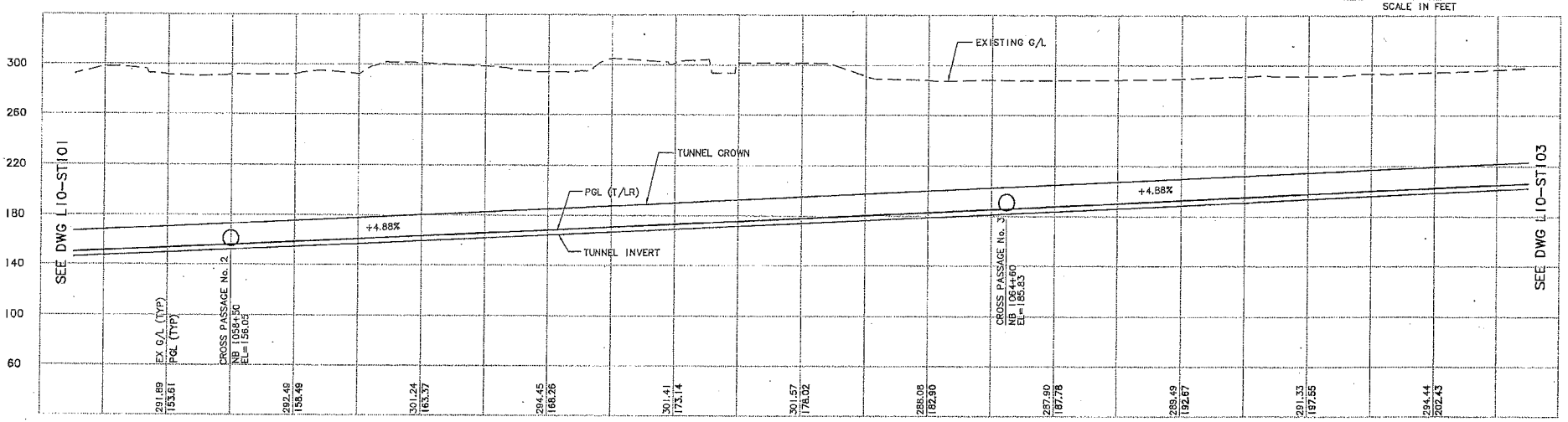
BIS CITY CLERK



CURVE	NB 114
PI STA.	NB 1072+34.89
R	1635.00
Lc	2813.07
Ls1	140.00
Ls2	140.00
Ea	2.50"
Eu	2.40"
V	45 MPH

NOTES:

1. FOR HORIZONTAL ALIGNMENT TABLES, SEE DRAWING L10-SZ001.
2. FOR CURVE SYMBOLS AND SUPERELEVATION TRANSITION DEVELOPMENT, SEE DRAWING L10-SZ002.
3. FOR TRACK AND TUNNEL CENTERLINE OFFSET (X), SEE DRAWING L10-SZ003.



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Checked By: S. SWARTZ
Approved By: A. MENCKE

ANDREW S. MENCKE, STATE OF WASHINGTON, 43417, REGISTERED PROFESSIONAL ENGINEER

NTP Northlink Transit Partners

Submitted: D. ADAMS Date: 11/06/09

SOUNDTRANSIT

Approved: J. SLEAVIN Date: 11/06/09

Scale: H: 1"=40'; V: 1"=40'
Filename: U30_L10_ST102.DWG
Contract No.: U230
Date: 01/20/09

LINK CONTRACT U230
TBM TUNNELS (CHS TO PSST)

TUNNEL STRUCTURE
PLAN & PROFILE
STA NB 1058+00 TO STA NB 1068+00

Drawing No.: L10-ST102
Vault Plan No.
Sheet No.: 38 Rev.: 0

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09/30/09 07:50 : porterb 0E6577

VAULT SERIAL NO. | DATE | MARK | NATURE | MADE | CHK'D | REV'D
REVISIONS

XREF'S
Resolved
U15_R05_CP
U15_R05_SP
X343UT
X344UT
X344sf
KA 1101
REG-ASM2
U30_344_SF
U30_L10_SP
U30_L10_SV
U60_L10_KA
X343GT
X343RK
X343cn
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Zg-p20020
Unresolved
LTSCALE
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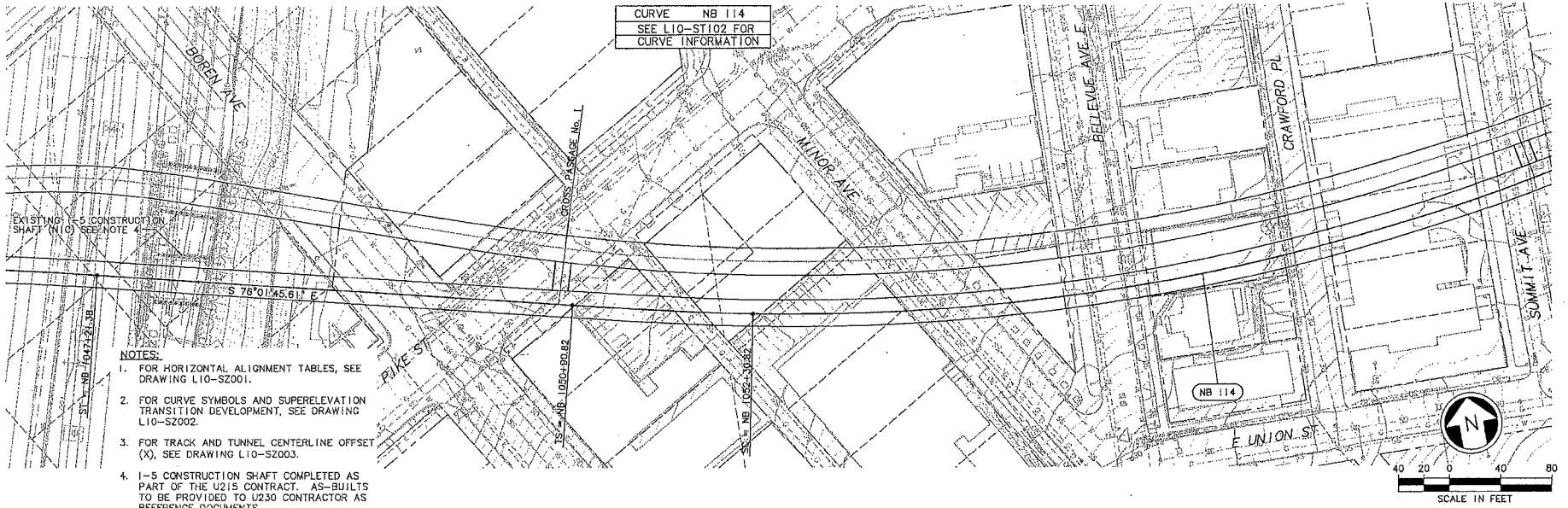
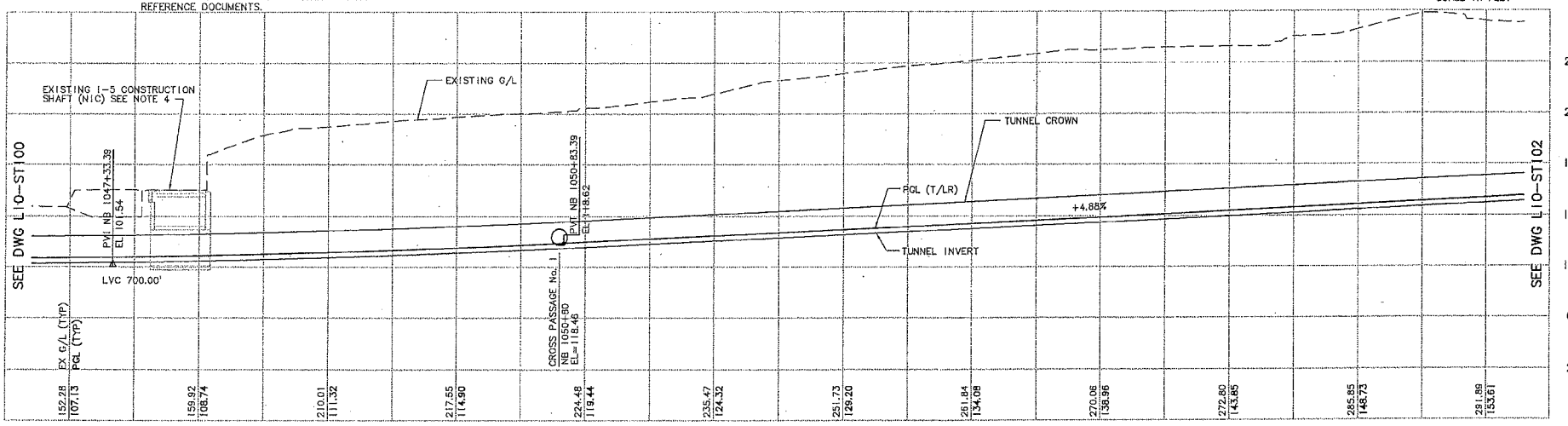
DIS CITY CLERK



NOTES:

1. FOR HORIZONTAL ALIGNMENT TABLES, SEE DRAWING L10-SZ001.
2. FOR CURVE SYMBOLS AND SUPERELEVATION TRANSITION DEVELOPMENT, SEE DRAWING L10-SZ002.
3. FOR TRACK AND TUNNEL CENTERLINE OFFSET (X), SEE DRAWING L10-SZ003.
4. I-5 CONSTRUCTION SHAFT COMPLETED AS PART OF THE U215 CONTRACT. AS-BUILTS TO BE PROVIDED TO U230 CONTRACTOR AS REFERENCE DOCUMENTS.



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Drawn By: H. JORISSEN
Checked By: S. SWARTZ
Approved By: A. MENCKE

NTP Northlink Transit Partners

Submitted: D. ADAMS Date: 11/06/09

SOUNDTRANSIT

Approved: J. SLEAVIN Date: 11/06/09

Scale: H: 1"=40'; V: 1"=40'
Filename: U30_L10_ST101.DWG
Contract No.: U230
Date: 01/20/09

LINK CONTRACT U230
TBM TUNNELS (CHS TO PSST)

TUNNEL STRUCTURE
PLAN & PROFILE
STA NB 1047+00 TO STA NB 1058+00

Drawing No.: L10-ST101
Vault Plan No.
Sheet No.: 39 Rev.: 0

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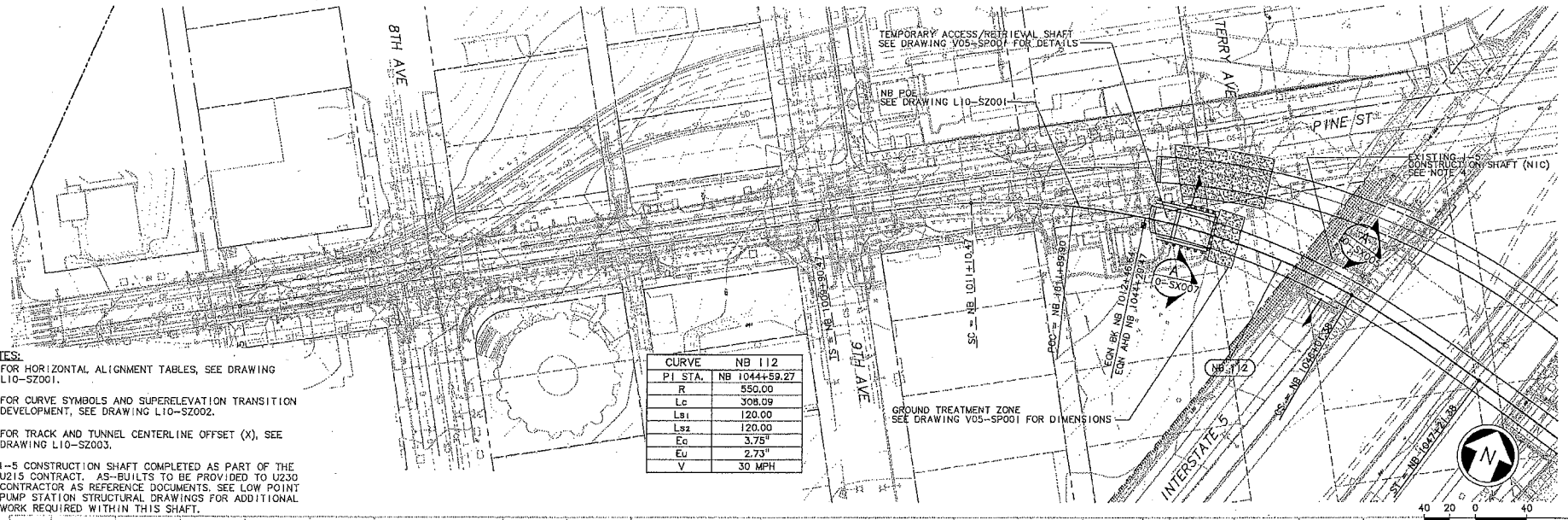
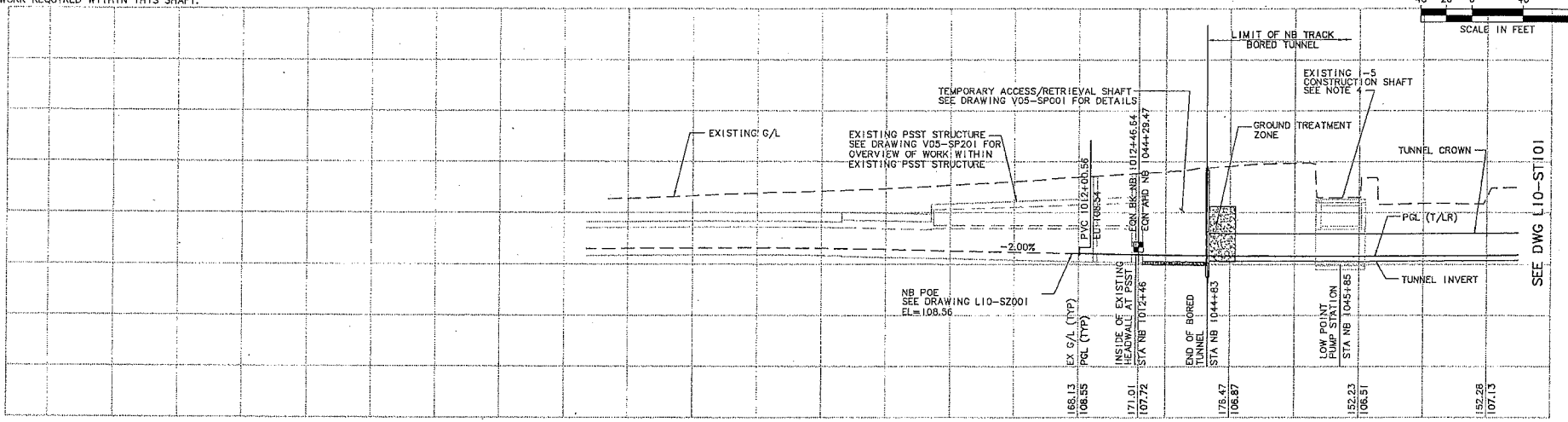
CITY CLERK



NOTES:

1. FOR HORIZONTAL ALIGNMENT TABLES, SEE DRAWING L10-SZ001.
2. FOR CURVE SYMBOLS AND SUPERELEVATION TRANSITION DEVELOPMENT, SEE DRAWING L10-SZ002.
3. FOR TRACK AND TUNNEL CENTERLINE OFFSET (X), SEE DRAWING L10-SZ003.
4. I-5 CONSTRUCTION SHAFT COMPLETED AS PART OF THE U215 CONTRACT. AS-BUILTS TO BE PROVIDED TO U230 CONTRACTOR AS REFERENCE DOCUMENTS. SEE LOW POINT PUMP STATION STRUCTURAL DRAWINGS FOR ADDITIONAL WORK REQUIRED WITHIN THIS SHAFT.

CURVE	NB 112
PI STA.	NB 1044+59.27
R	550.00
Lc	308.09
Ls1	120.00
Ls2	120.00
Ec	3.75"
Eu	2.73"
V	30 MPH



No.	Date	Dsn.	Chk.	App.	Revisions
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City of Seattle

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Designed By: A. MENCKE
Drawn By: H. JORISSEN
Checked By: S. SWARTZ
Approved By: A. MENCKE

NTP Northlink Transit Partners

Submitted: D. ADAMS Date: 11/06/09

SOUNDTRANSIT

Approved: J. SLEAVIN Date: 11/06/09

Scale: H: 1"=40'; V: 1"=40'
Filename: U30_L10_ST100.DWG
Contract No.: U230
Date: 01/20/09

LINK CONTRACT U230
TBM TUNNELS (CHS TO PSST)

TUNNEL STRUCTURE
PLAN & PROFILE
STA NB 1044+29.47 TO STA NB 1047+00

Drawing No.: L10-ST100
Vault Plan No.
Sheet No.: 40 Rev.: 0

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09/30/09 07:48 : porterb 0E6577

VAULT SERIAL NO. | DATE | MARK | NATURE | REVISIONS | MADE | CHK'D | REV'D

CITY CLERK

Ethan Melone
SDOT City of Seattle Alignment FISC
May 21, 2013
Version #1

Form revised: December 12, 2012

FISCAL NOTE FOR NON-CAPITAL PROJECTS

Department:	Contact Person/Phone:	CBO Analyst/Phone:
Seattle Department of Transportation	Ethan Melone/684-8066	Anthony Colelo/684-5292

Legislation Title:

AN ORDINANCE related to the Central Puget Sound Regional Transit Authority ("Sound Transit") authorizing the Director of the Seattle Department of Transportation to execute an amendment to the Agreement between the City of Seattle and Sound Transit for Grant of Non-Exclusive Use of a Light Rail Transit Way as related to the Central Link Light Rail Transit Project to reflect the approved alignment for the Link Light Rail Transit Project, including the revised Northgate Link Extension and portion of the East Link segment located within the City of Seattle.

Summary of the Legislation:

The City and Sound Transit have entered into a Transit Way Agreement which authorizes non-exclusive use of the City right-of-way for the Link Light Rail System. The Northgate Link and East Link extensions have now reached the point in project development at which the alignment has been finalized and the Transit Way Agreement can be amended to incorporate these project alignments. All other terms of the Agreement will remain unchanged.

Background:

The City authorizes the construction of Sound Transit's Link Light Rail transit facilities within City right-of-way through the execution of a Transit Way Agreement and subsequent permitting activities. The alignment ordinance provides an approval of the alignment and locations of these facilities, providing the policy context for the permitting of the facilities.

Please check one of the following:

_X_ **This legislation does not have any financial implications.**

___ **This legislation has financial implications.**

CITY CLERK

Other Implications:

a) **Does the legislation have indirect financial implications, or long-term implications?**

No; any City actions related to the Light Rail system will be addressed in separate agreements and legislation. This action only grants a right of use.

b) **What is the financial cost of not implementing the legislation?**

Not Applicable.

c) **Does this legislation affect any departments besides the originating department?**

No.

d) **What are the possible alternatives to the legislation that could achieve the same or similar objectives?**

There is no other means of granting use of the right-of-way for the light rail system.

e) **Is a public hearing required for this legislation?**

No.

f) **Is publication of notice with *The Daily Journal of Commerce* and/or *The Seattle Times* required for this legislation?**

No.

g) **Does this legislation affect a piece of property?**

No, the legislation only affects right-of-way, as shown in the exhibits.

h) **Other Issues:**

None.

List attachments to the fiscal note below:

SMC CITY CLERK

City of Seattle
Office of the Mayor

July 9, 2013

Honorable Sally J. Clark
President
Seattle City Council
City Hall, 2nd Floor

Dear Council President Clark:

I am pleased to transmit the attached proposed Council Bill that authorizes the Department of Transportation Director, Peter Hahn, to execute an amendment to the Agreement between the City of Seattle and the Central Puget Sound Regional Transit Authority ("Sound Transit") for Grant of Non-Exclusive Use of a Light Rail Transit Way as related to the Central Link Light Rail Transit Project to reflect the approved alignment of the Link Light Rail Transit Project, including the revised Northgate Link Extension and portion of the East Link segment located within the City of Seattle.

The City and Sound Transit have entered into a Transit Way Agreement as the means of granting non-exclusive use of City right-of-way for implementation of the regional Light Rail system. The Northgate Link and East Link projects have now reached the point in project development at which the alignments are finalized and these projects can be incorporated into the agreement by amendment.

Approval of this legislation will help Sound Transit to proceed with its work to improve transportation and support growth management within our city and region. Thank you for your consideration of this legislation. Should you have questions, please contact Ethan Melone at 206-684-8066.

Sincerely,

Michael McGinn
Mayor of Seattle

cc: Honorable Members of the Seattle City Council

Michael McGinn, Mayor
Office of the Mayor
600 Fourth Avenue, 7th Floor
PO Box 94749
Seattle, WA 98124-4749

Tel (206) 684-4000
Fax (206) 684-5360
TDD (206) 615-0476
mike.mcginn@seattle.gov

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