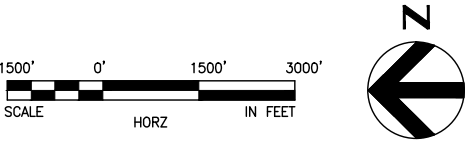


SOUND TRANSIT FEDERAL WAY LINK EXTENSION



SR99 SHEET LAYOUT MATRIX																
	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16
A - SR 99 ALTERNATIVE	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
B - S 216TH WEST STATION OPTION (POTENTIAL ADDITIONAL STATION)	X	X	X													
C - S 216TH EAST STATION OPTION (POTENTIAL ADDITIONAL STATION)		X	X													
D - KENT/DES MOINES SR 99 MEDIAN STATION OPTION				X	X	X										
E - KENT/DES MOINES SR 99 EAST STATION OPTION				X	X	X	X									
F - KENT/DES MOINES HC CAMPUS STATION OPTION			X	X	X	X	X									
F - KDM HC CAMPUS OPTION FROM S 216TH WEST STATION OPTION						X	X	X	X	X						
G - S 260TH WEST STATION OPTION (POTENTIAL ADDITIONAL STATION)					X	X	X	X	X							
H - S 260TH EAST STATION OPTION (POTENTIAL ADDITIONAL STATION)							X	X	X	X						
J - S 272ND REDONDO TRENCH STATION OPTION								X	X	X	X	X	X	X		
K - FEDERAL WAY SR 99 STATION OPTION															X	X

I - NOT USED



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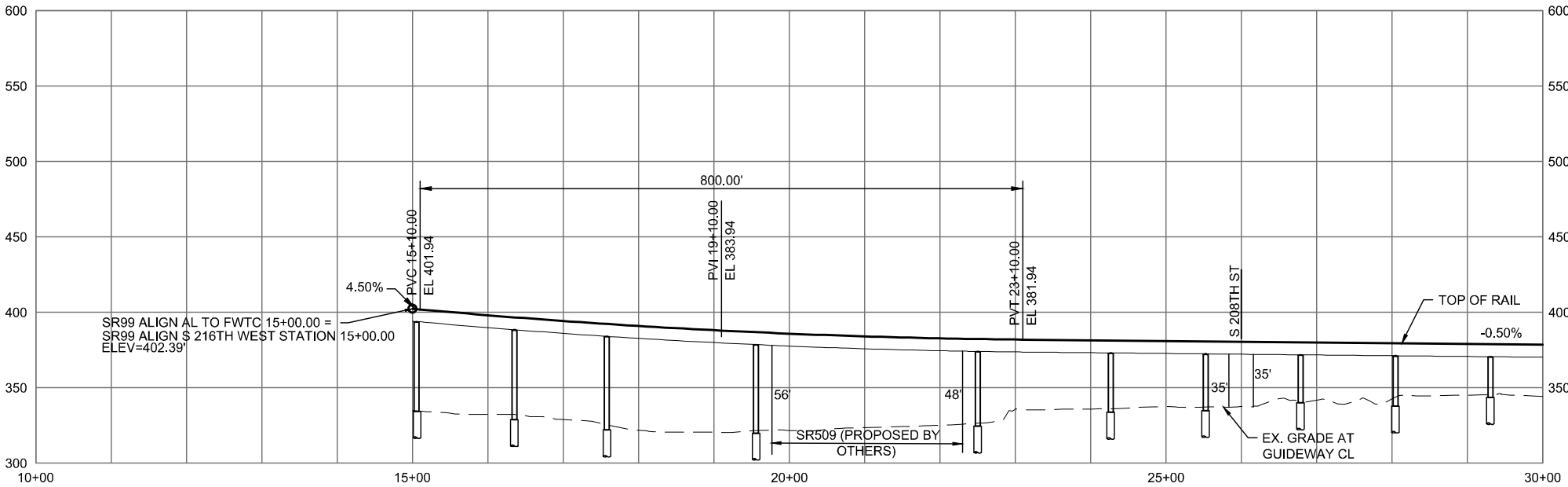
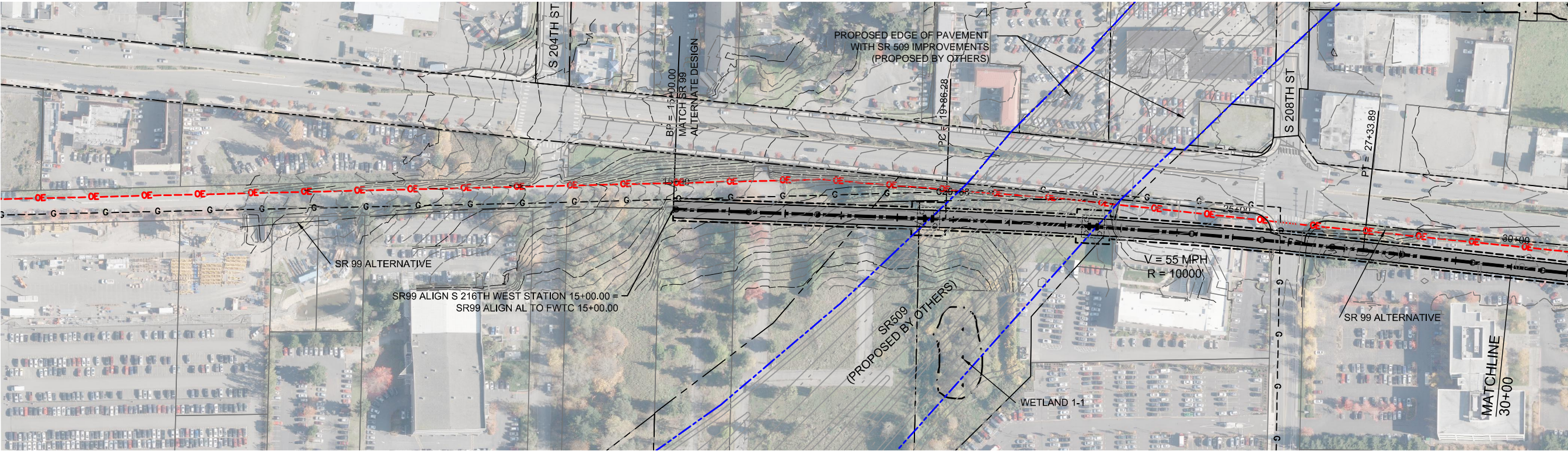
DRAFT EIS - CONCEPTUAL DESIGN  
S 216TH WEST STATION OPTION (POTENTIAL ADDITIONAL STATION)  
SHEET INDEX KEYMAP

APRIL 2015

SR99-B00-GX02  
26

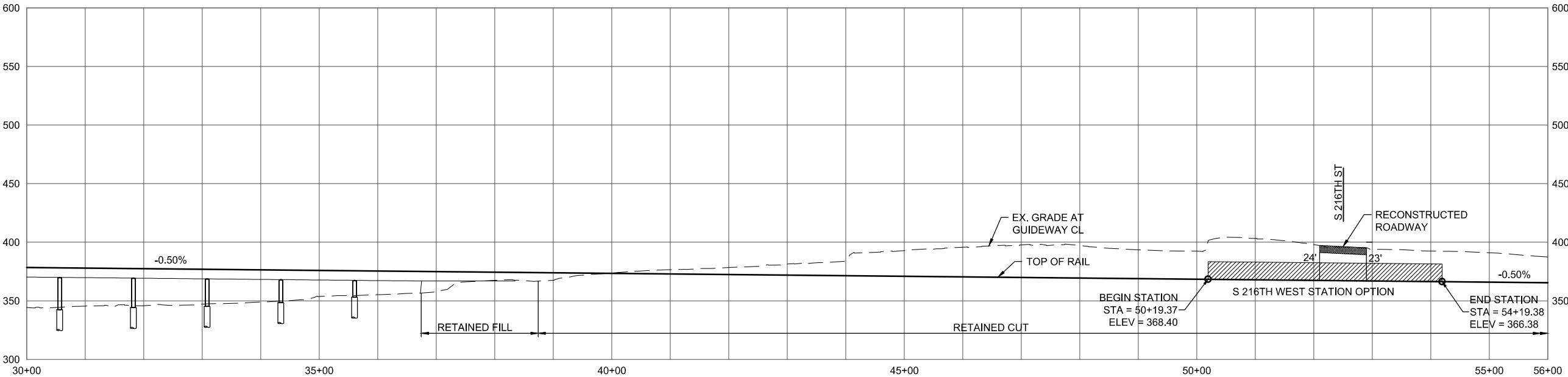
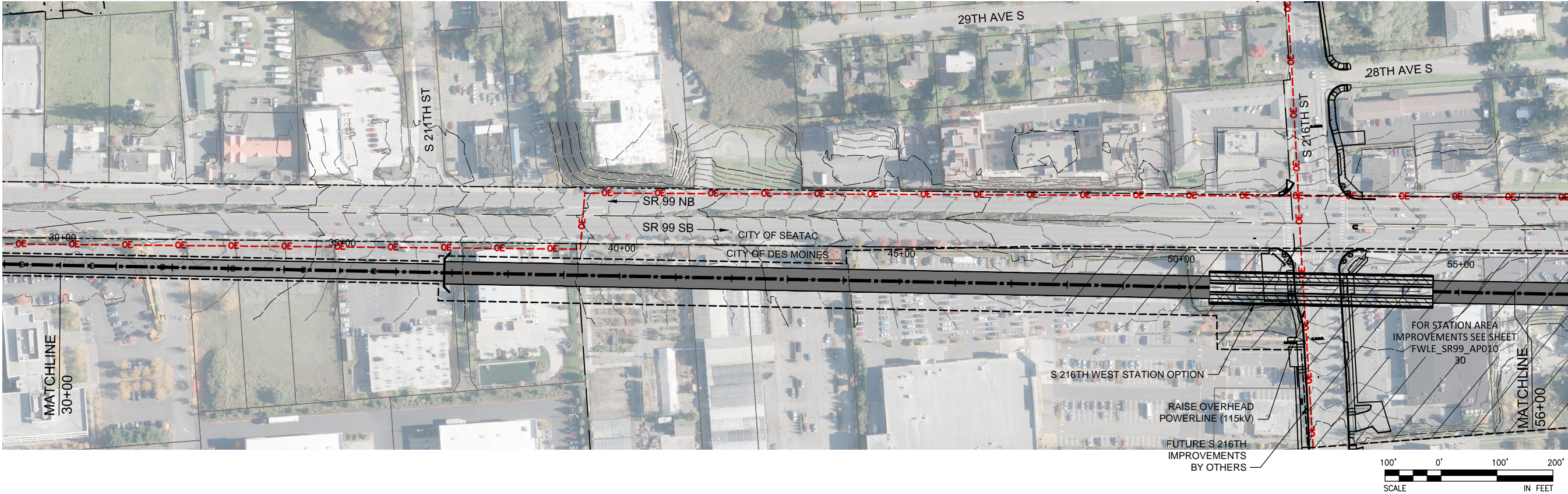


SOUND TRANSIT FEDERAL WAY LINK EXTENSION





SOUND TRANSIT FEDERAL WAY LINK EXTENSION



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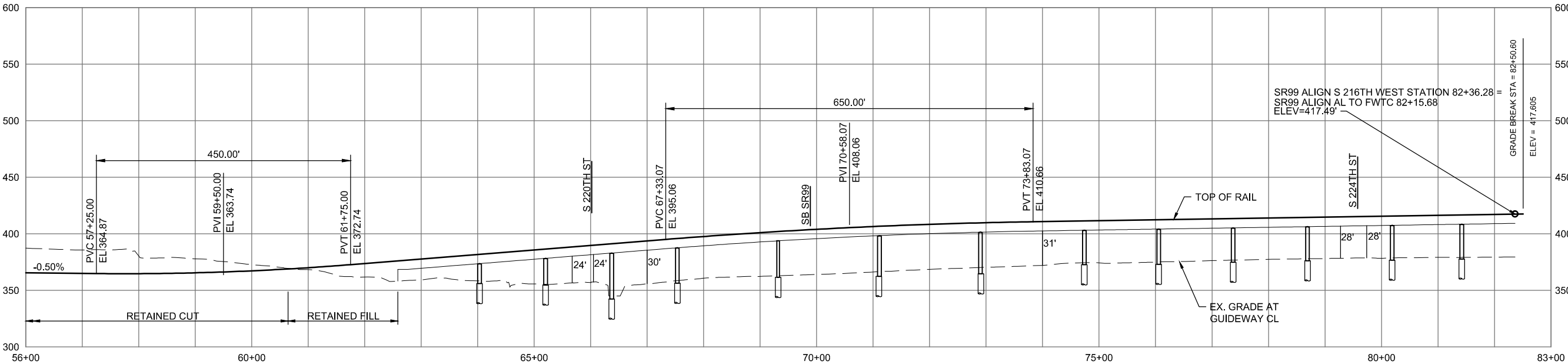
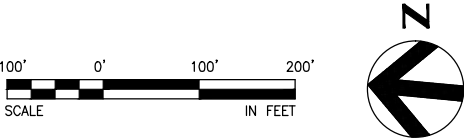
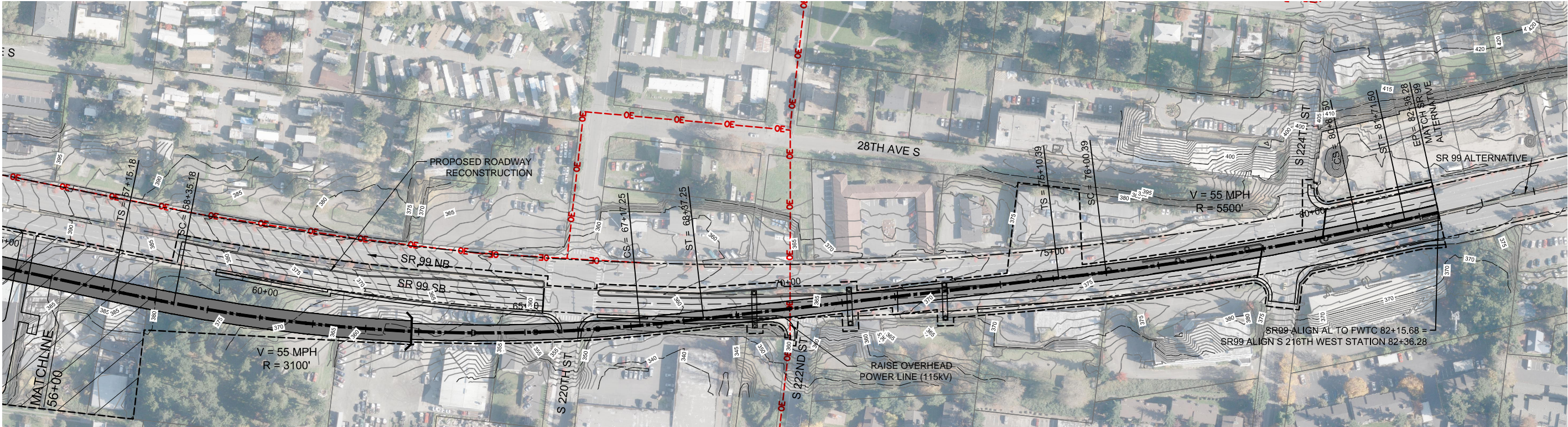
DRAFT EIS - CONCEPTUAL DESIGN  
TRACK PLAN & PROFILE ROADWAY RECONSTRUCTION  
S 216TH WEST STATION OPTION (POTENTIAL ADDITIONAL STATION)  
STA 30+00 TO STA 56+00

APRIL 2015

SR99-B2-PP02  
28



SOUND TRANSIT FEDERAL WAY LINK EXTENSION



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DRAFT EIS - CONCEPTUAL DESIGN  
TRACK PLAN & PROFILE AND ROADWAY RECONSTRUCTION  
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STA 56+00 TO STA 83+36.28

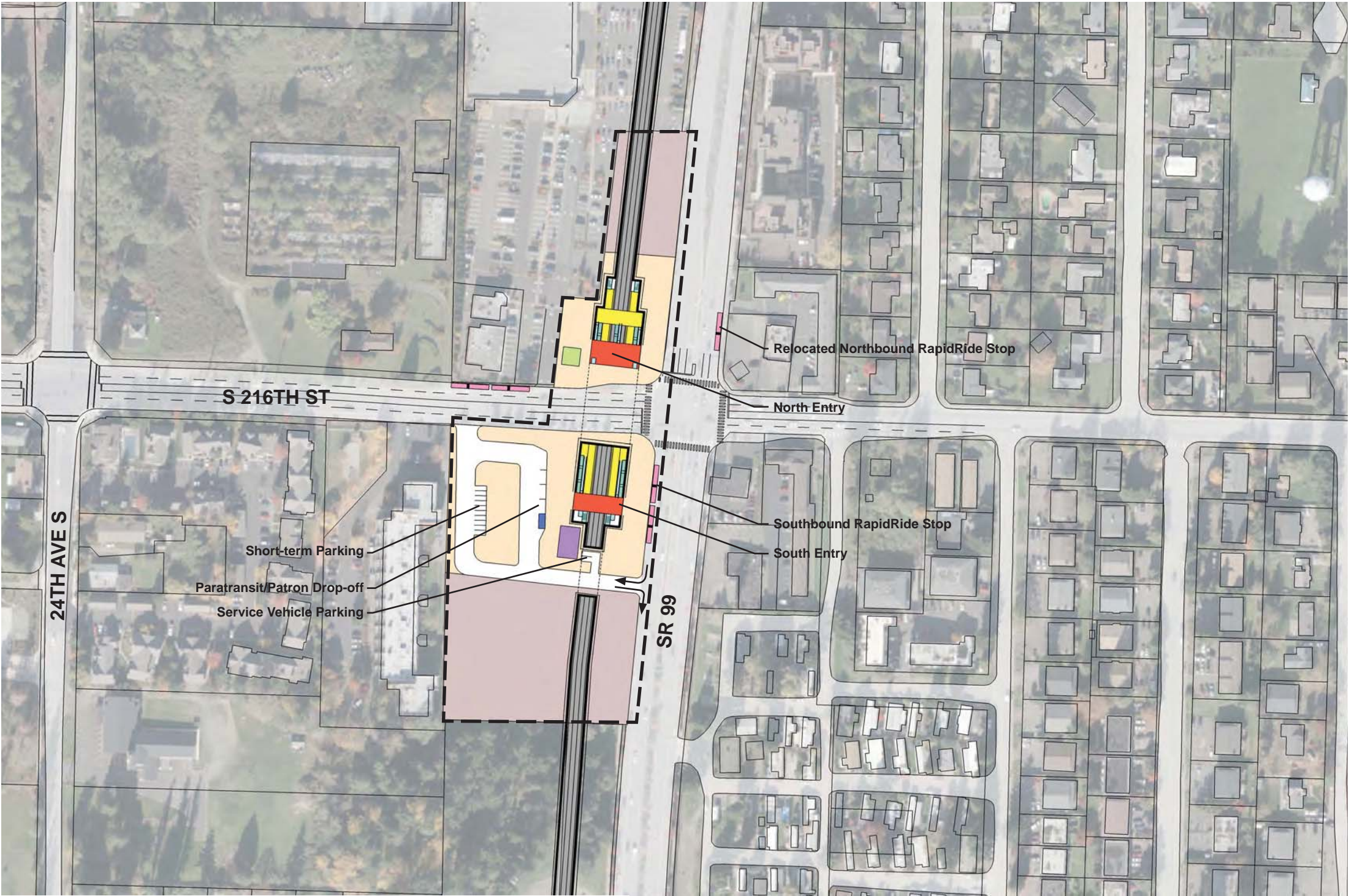
APRIL 2015

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29



SOUND TRANSIT FEDERAL WAY LINK EXTENSION

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- STATION PLAZA

VERTICAL CIRCULATION

TICKETING / ENTRY HALL

PLATFORM

ANCILLARY SPACES

TPSS
- BUS LAYOVER

BUS PICK-UP / DROP OFF

PARATRANSIT

BICYCLE STORAGE

CONSTRUCTION STAGING

- STATION AREA FOOTPRINT

S

SIGNALIZED INTERSECTION (EXISTING)

S

SIGNALIZED INTERSECTION (PROPOSED)

ASSUMPTIONS:

S 216th West Station Option	
Alternative(s)	SR 99; SR 99 to I-5
Boardings	1,000
Station Configuration	
Terminus / In-Line	In-Line
Station Type	Side Platform - Trench
Platform Width	14'
Tail track	N/A
Crossover	No
TPSS	No
Program	
KC Metro Ancillary Spaces (SF)	N/A
ST Ancillary Spaces (SF)	1,200
Total Ancillary Spaces (SF)	1,200
Vertical Circulation	
# of entrances	2
# of escalators	5
# of staircases (patron)	5
# of elevators	4
# of emergency stairs	4
Bus/ Paratransit Facilities	
Bus bays (KCM)	1 bay southbound at SR 99, two 60' coaches; 1 bay westbound at S 216th, two 60' coaches
Bus bays (ST)	N/A
Rapid Ride	On-street at SR 99
Bus layover (KCM)	N/A
Bus layover (ST)	N/A
Paratransit	1 space
Communications Facility	Tier 2
Parking & Amenities	
Bike storage	900 SF
Patron drop-off	2 spaces
Short-term patron parking	7 to 10 spaces
Staff parking	N/A
Service/emerg. vehicle park.	2 spaces, combined
Signal bungalow / TPSS park.	N/A
Patron parking	N/A



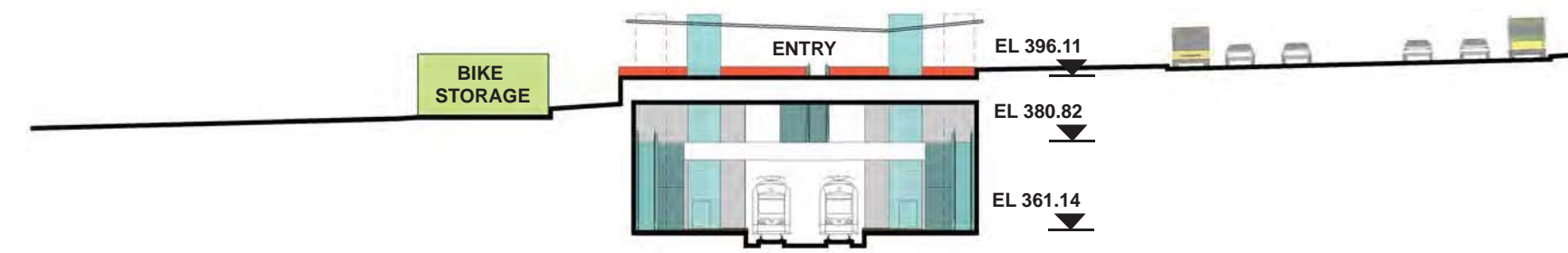
DRAFT EIS - CONCEPTUAL DESIGN  
S 216TH WEST STATION OPTION  
(POTENTIAL ADDITIONAL STATION)  
SITE PLAN

APRIL 2015

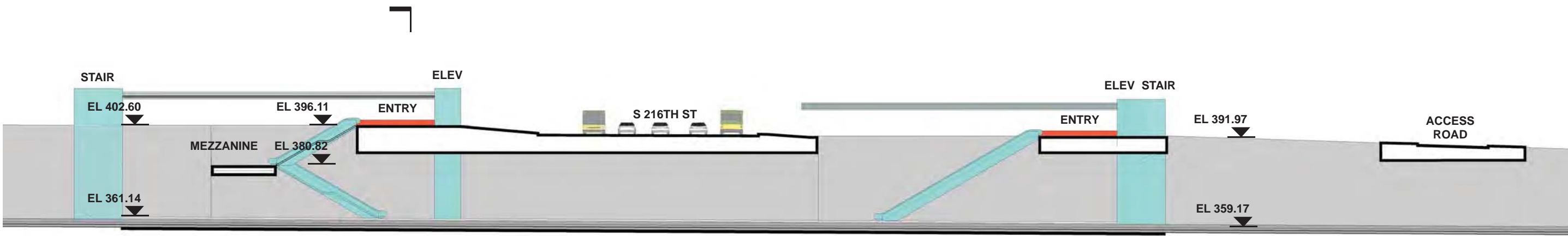
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30



# SOUND TRANSIT FEDERAL WAY LINK EXTENSION

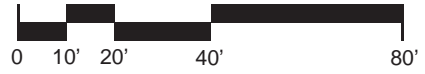


SECTION LOOKING NORTH



SECTION LOOKING EAST

- |                        |                        |
|------------------------|------------------------|
| STATION PLAZA          | BUS LAYOVER            |
| VERTICAL CIRCULATION   | BUS PICK-UP / DROP OFF |
| TICKETING / ENTRY HALL | PARATRANSIT            |
| PLATFORM               | BICYCLE STORAGE        |
| ANCILLARY SPACES       | CONSTRUCTION STAGING   |
| TPSS                   |                        |



DRAFT EIS - CONCEPTUAL DESIGN  
S 216TH WEST STATION OPTION  
(POTENTIAL ADDITIONAL STATION)  
SECTIONS

APRIL 2015  
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31

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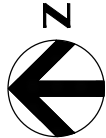
SOUND TRANSIT FEDERAL WAY LINK EXTENSION



SR99 SHEET LAYOUT MATRIX

	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16
A - SR 99 ALTERNATIVE	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
B - S 216TH WEST STATION OPTION (POTENTIAL ADDITIONAL STATION)	X	X	X													
C - S 216TH EAST STATION OPTION (POTENTIAL ADDITIONAL STATION)		X	X													
D - KENT/DES MOINES SR 99 MEDIAN STATION OPTION				X	X	X										
E - KENT/DES MOINES SR 99 EAST STATION OPTION				X	X	X	X									
F - KENT/DES MOINES HC CAMPUS STATION OPTION			X	X	X	X	X									
F - KDM HC CAMPUS OPTION FROM S 216TH WEST STATION OPTION						X	X	X	X	X						
G - S 260TH WEST STATION OPTION (POTENTIAL ADDITIONAL STATION)					X	X	X	X	X							
H - S 260TH EAST STATION OPTION (POTENTIAL ADDITIONAL STATION)							X	X	X	X						
J - S 272ND REDONDO TRENCH STATION OPTION								X	X	X	X	X	X	X		
K - FEDERAL WAY SR 99 STATION OPTION															X	X

I - NOT USED



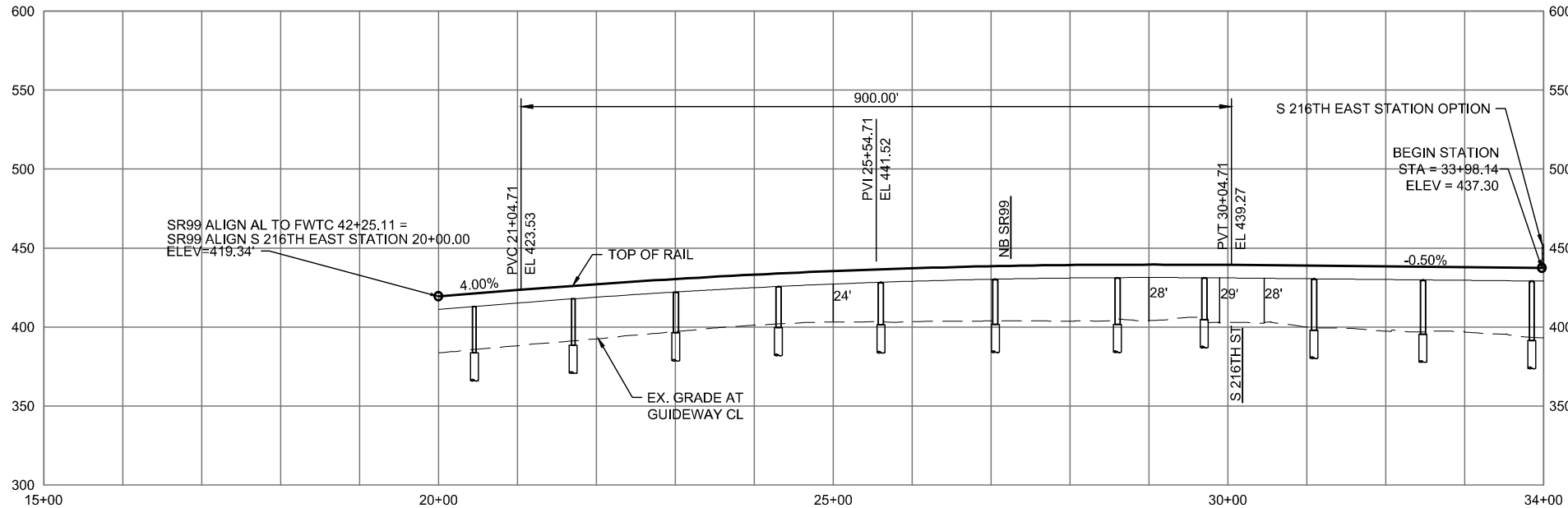
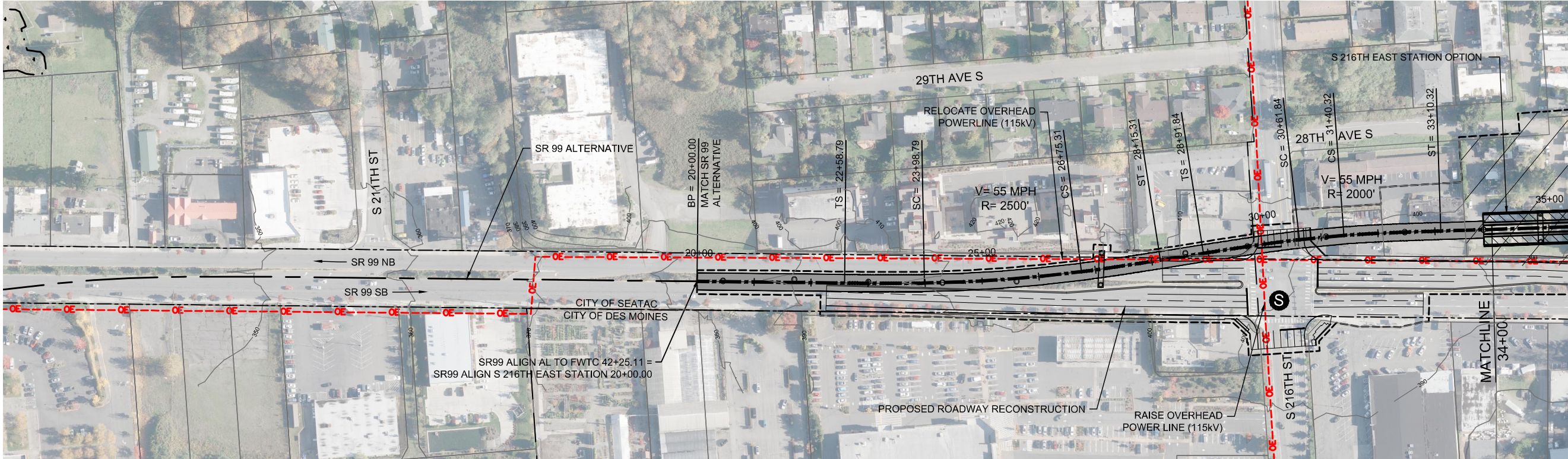
DRAFT EIS - CONCEPTUAL DESIGN  
S 216TH EAST STATION OPTION (POTENTIAL ADDITIONAL STATION)  
SHEET INDEX KEYMAP

APRIL 2015

SR99-C00-GX02  
32

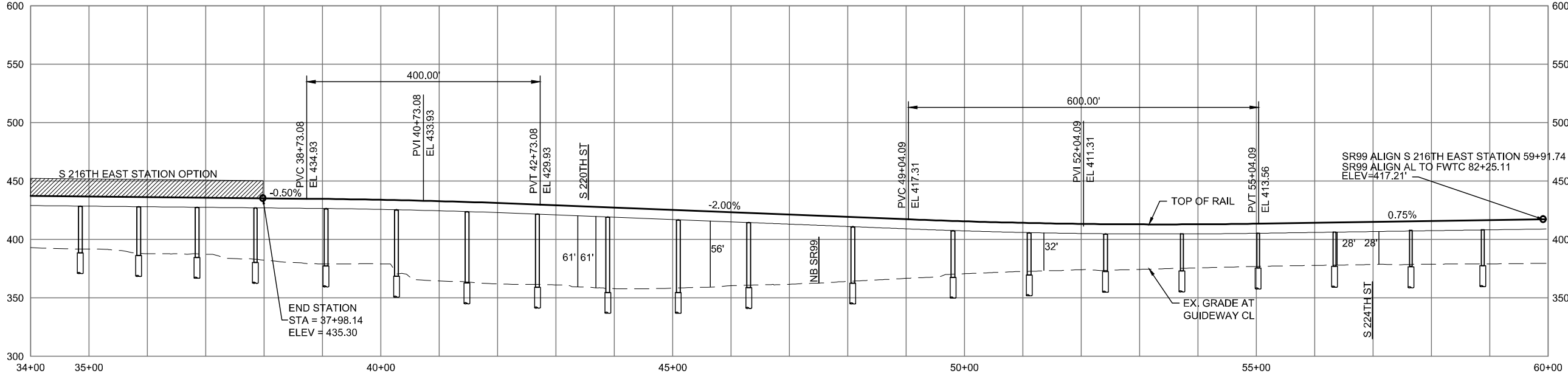
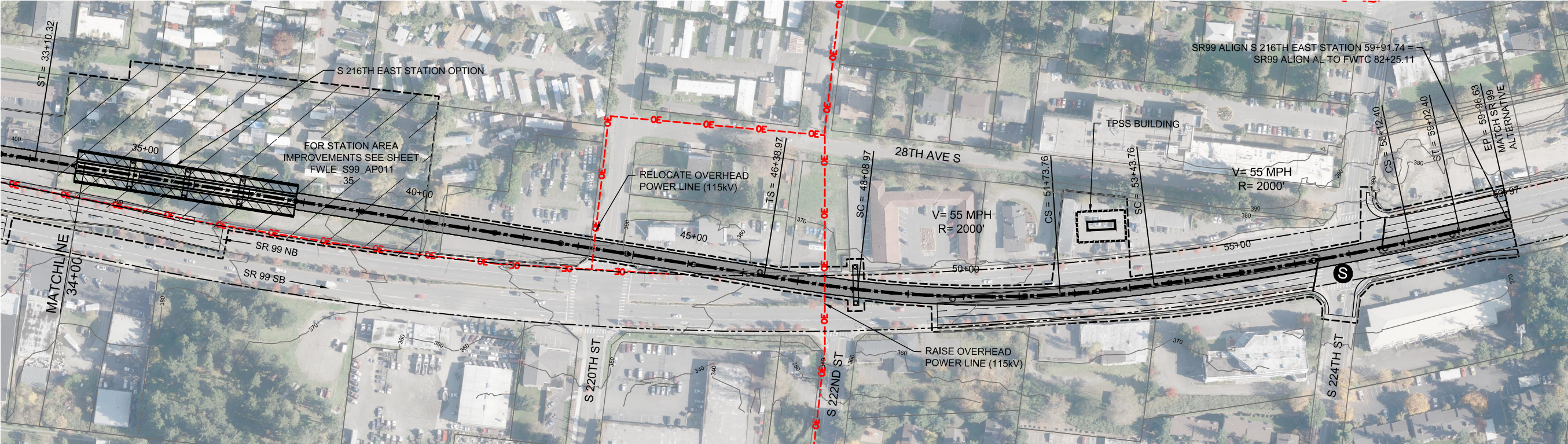


SOUND TRANSIT FEDERAL WAY LINK EXTENSION





SOUND TRANSIT FEDERAL WAY LINK EXTENSION



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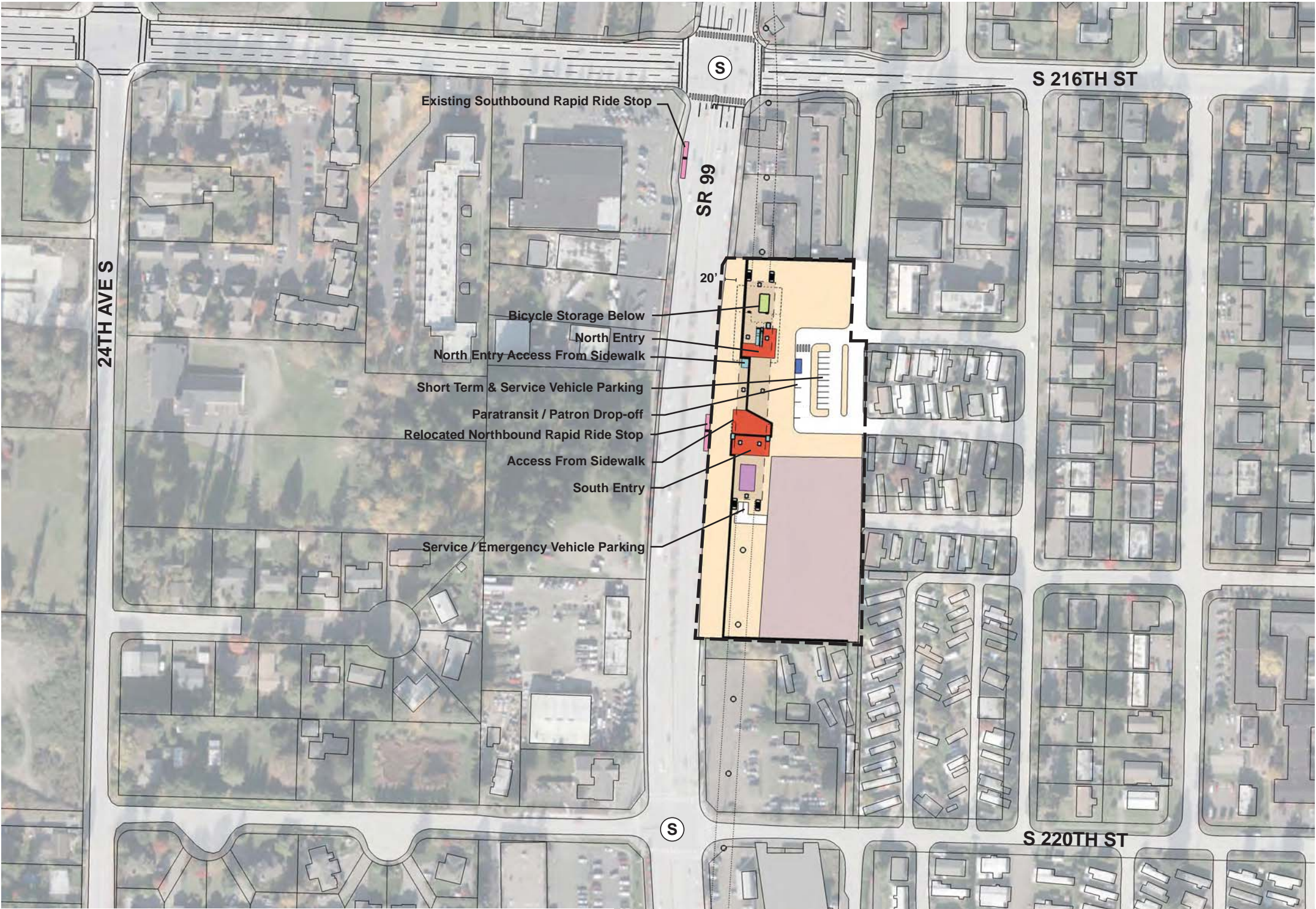
DRAFT EIS - CONCEPTUAL DESIGN  
TRACK PLAN & PROFILE AND ROADWAY RECONSTRUCTION  
S 216TH EAST STATION OPTION (POTENTIAL ADDITIONAL STATION)  
STA 34+00 TO STA 59+91.74

APRIL 2015

SR99-C2-PP03  
34



SOUND TRANSIT FEDERAL WAY LINK EXTENSION



- STATION PLAZA

VERTICAL CIRCULATION

TICKETING / ENTRY HALL

PLATFORM

ANCILLARY SPACES

TPSS
- BUS LAYOVER

BUS PICK-UP / DROP OFF

PARATRANSIT

BICYCLE STORAGE

CONSTRUCTION STAGING

- STATION AREA FOOTPRINT

S

SIGNALIZED INTERSECTION (EXISTING)

S

SIGNALIZED INTERSECTION (PROPOSED)

ASSUMPTIONS:

<b>S 216th East Station Option</b>	
Alternative(s)	SR 99; SR 99 to I-5
Boardings	1,000
<b>Station Configuration</b>	
Terminus / In-Line	In-Line
Station Type	Side Platform - Elevated
Platform Width	14'
Tail track	N/A
Crossover	TBD
TPSS	No
<b>Program</b>	
KC Metro Ancillary Spaces (SF)	N/A
ST Ancillary Spaces (SF)	1,200
Total Ancillary Spaces (SF)	1,200
<b>Vertical Circulation</b>	
# of entrances	2
# of escalators	3
# of staircases (patron)	3
# of elevators	5
# of emergency stairs	4
<b>Bus/ Paratransit Facilities</b>	
Bus bays (KCM)	1 bay southbound at SR 99, two 60' coaches; 1 bay westbound at S 216th, two 60' coaches
Bus bays (ST)	N/A
Rapid Ride	On-street at SR 99
Bus layover (KCM)	N/A
Bus layover (ST)	N/A
Paratransit	1 space
Communications Facility	Tier 2
<b>Parking &amp; Amenities</b>	
Bike storage	900 SF
Patron drop-off	2 spaces
Short-term patron parking	7 to 10 spaces
Staff parking	N/A
Service/emerg. vehicle park.	2 spaces, combined
Signal bungalow / TPSS park.	N/A
Patron parking	N/A



DRAFT EIS - CONCEPTUAL DESIGN  
S 216TH EAST STATION OPTION  
(POTENTIAL ADDITIONAL STATION)  
SITE PLAN



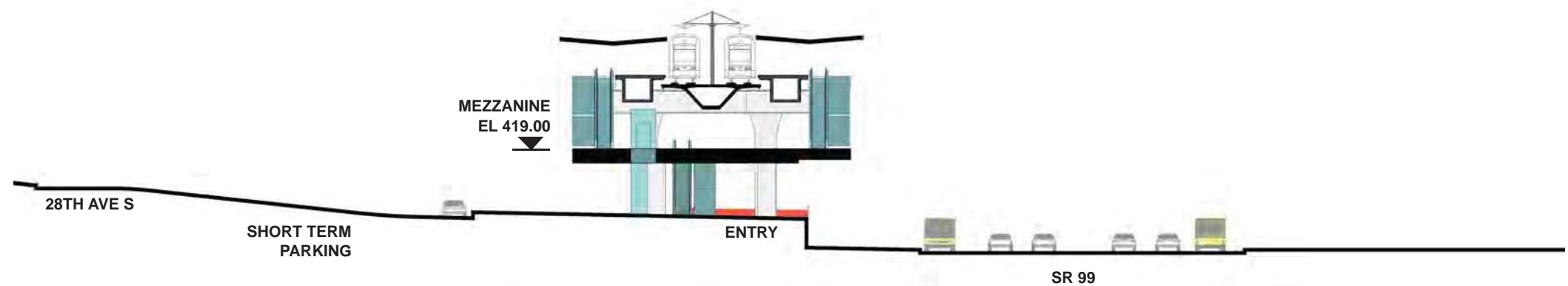
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35

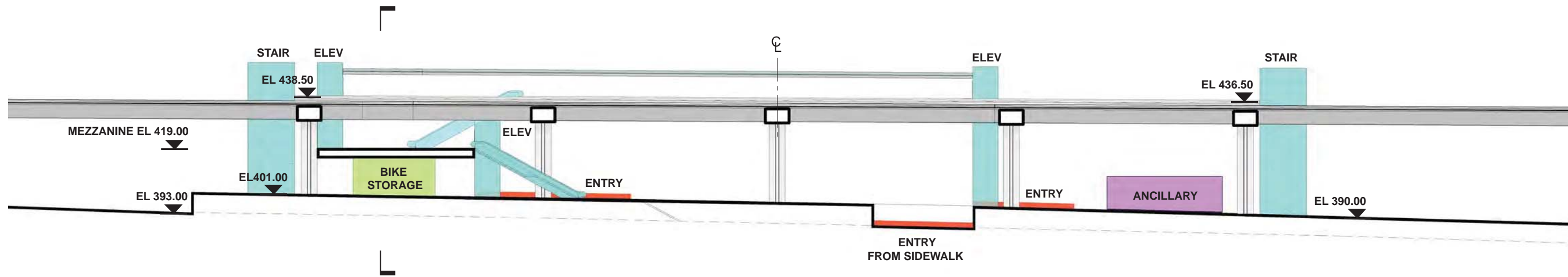
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# SOUND TRANSIT FEDERAL WAY LINK EXTENSION

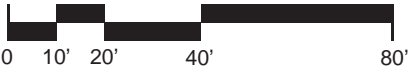


SECTION LOOKING SOUTH



SECTION LOOKING EAST

- |   |                        |   |                        |
|---|------------------------|---|------------------------|
|  | STATION PLAZA          |  | BUS LAYOVER            |
|  | VERTICAL CIRCULATION   |  | BUS PICK-UP / DROP OFF |
|  | TICKETING / ENTRY HALL |  | PARATRANSIT            |
|  | PLATFORM               |  | BICYCLE STORAGE        |
|  | ANCILLARY SPACES       |  | CONSTRUCTION STAGING   |
|  | TPSS                   |   |                        |



DRAFT EIS - CONCEPTUAL DESIGN  
S 216TH EAST STATION OPTION  
(POTENTIAL ADDITIONAL STATION)  
SECTION

APRIL 2015

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