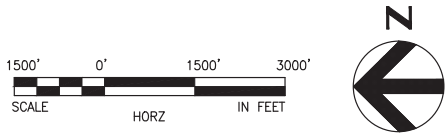


SOUND TRANSIT FEDERAL WAY LINK EXTENSION



PREFERRED ALTERNATIVE SHEET LAYOUT MATRIX																	
	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17
A - PREFERRED ALTERNATIVE	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	
B- KENT/DES MOINES I-5 STATION OPTION					X	X											
C- KENT/DES MOINES-AT-GRADE STATION OPTION					X	X	X										
D - LANDFILL MEDIAN ALIGNMENT OPTION						X	X	X									
E- S. 272ND STAR LAKE ELEVATED STATION OPTION									X	X	X						
F - S. 317TH ELEVATED ALIGNMENT OPTION															X	X	
G- FEDERAL WAY I-5 STATION OPTION																	X
H - FEDERAL WAY S 320TH PARK-AND-RIDE STATION OPTION															X	X	



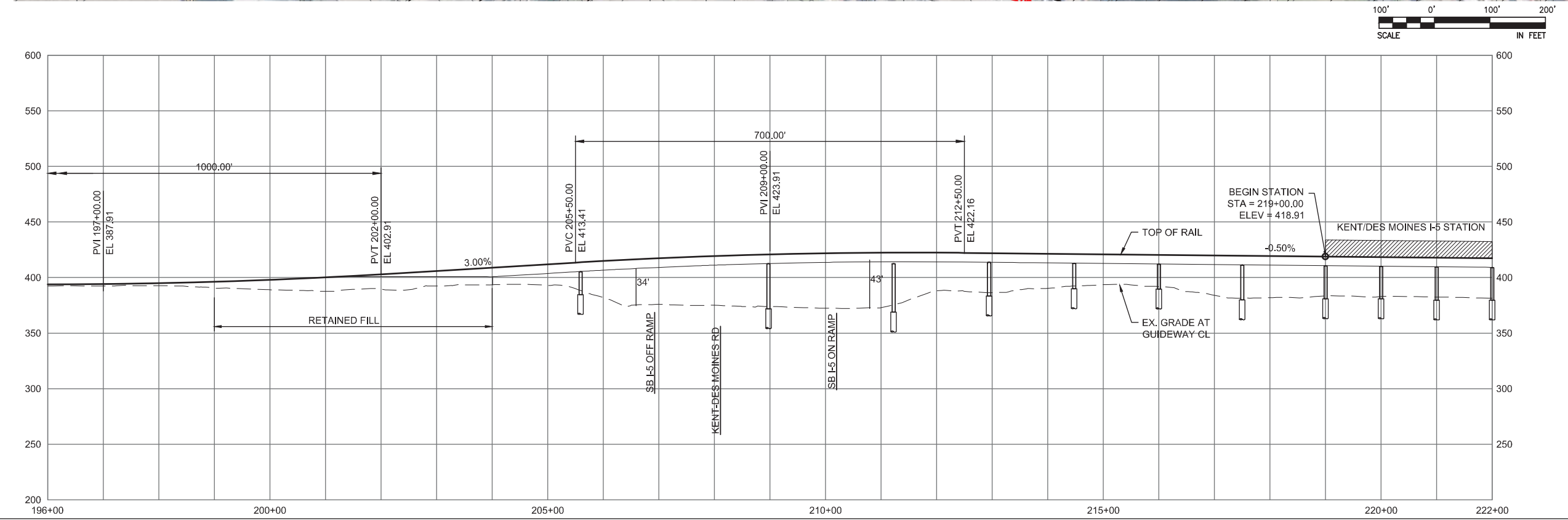
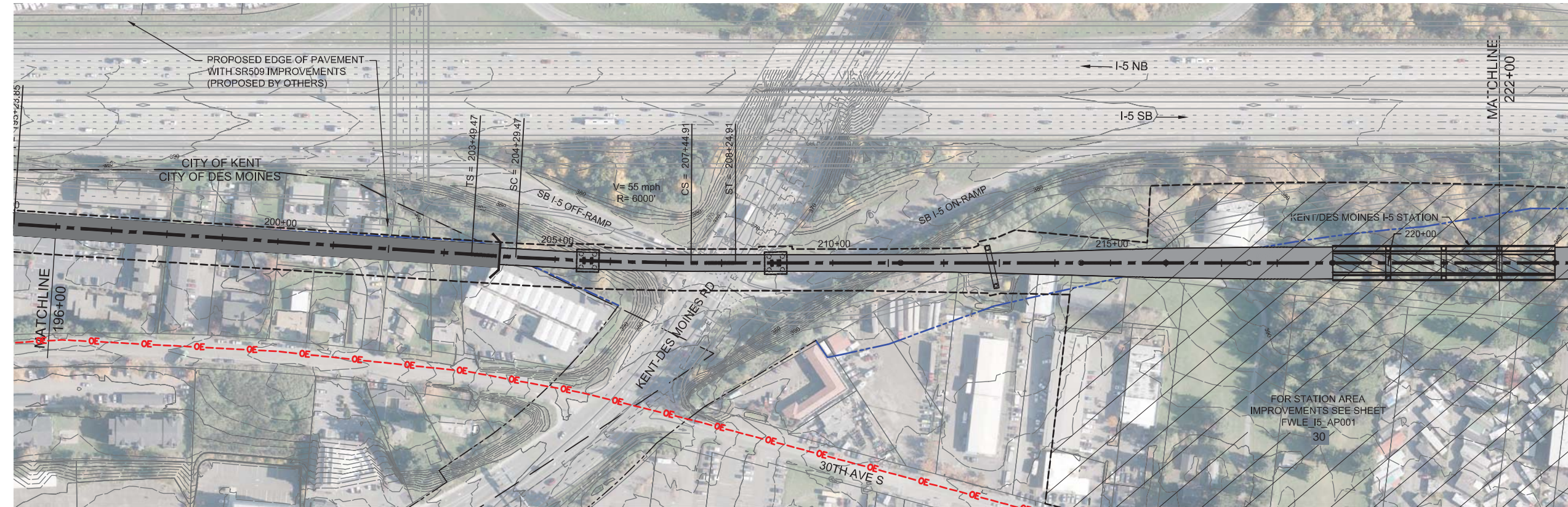
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FINAL EIS - CONCEPTUAL DESIGN
SHEET INDEX KEY MAP
KENT/DES MOINES I-5 STATION OPTION

AUGUST 2016
I5-B00-GX02
27

SOUND TRANSIT FEDERAL WAY LINK EXTENSION

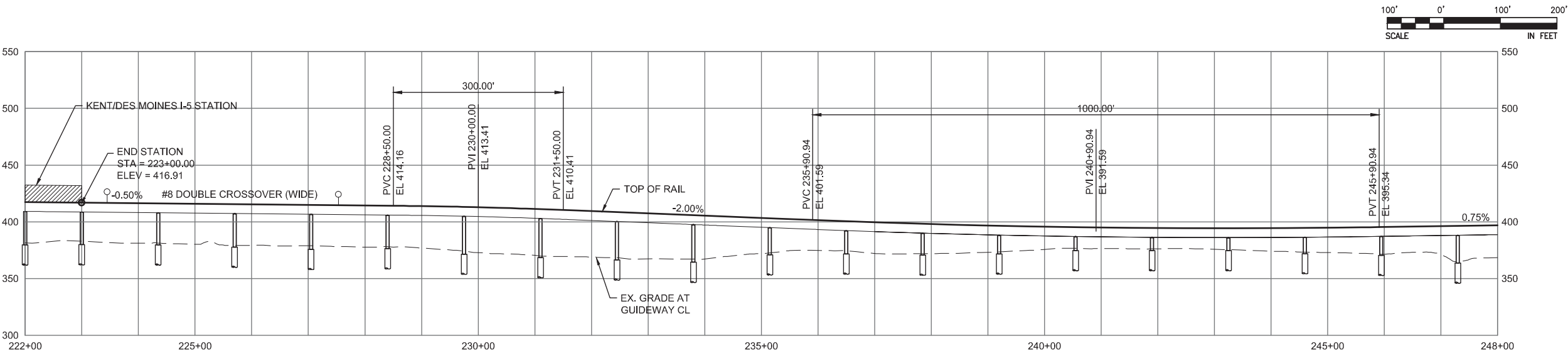
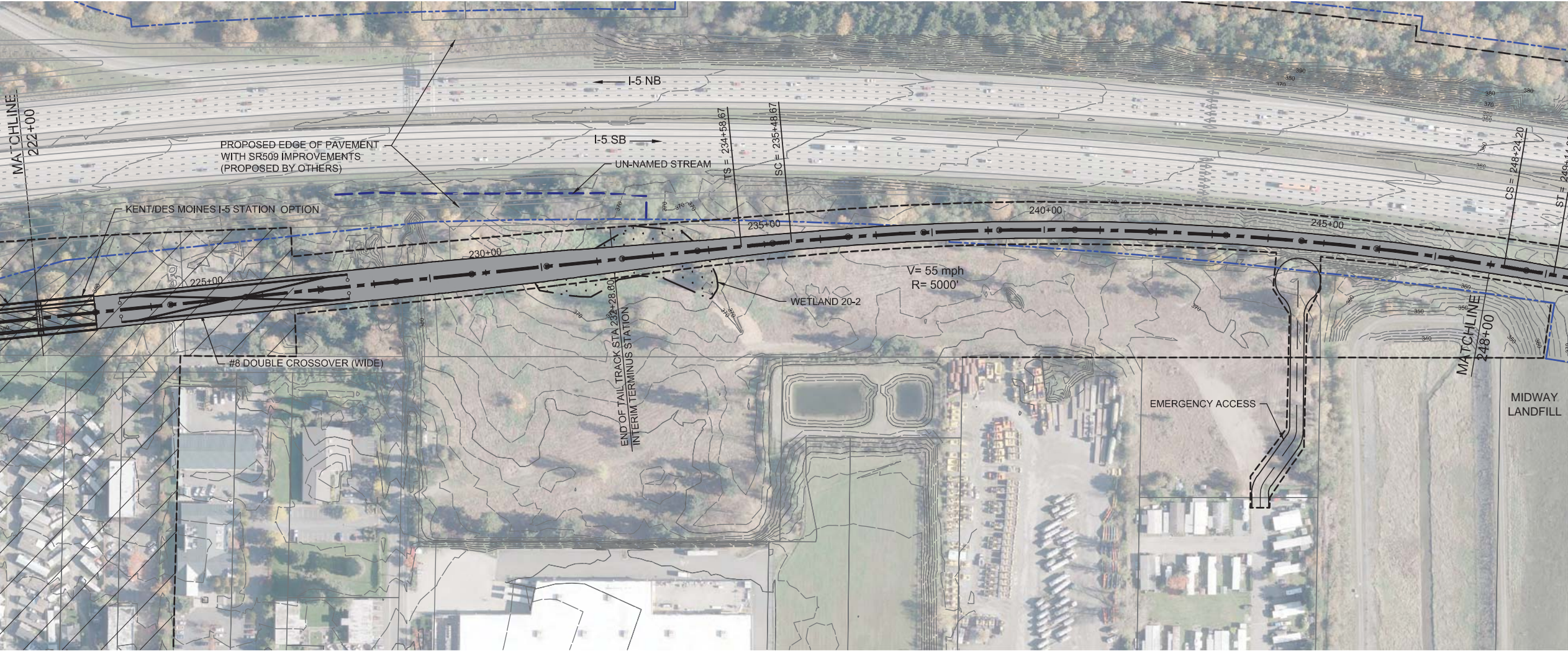


FINAL EIS - CONCEPTUAL DESIGN
TRACK PLAN & PROFILE AND ROADWAY RECONSTRUCTION
KENT/DES MOINES I-5 STATION OPTION
STA 196+00 TO STA 222+00

AUGUST 2016

I5- B1- PP05
28

SOUND TRANSIT FEDERAL WAY LINK EXTENSION



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BRHARRIS



FINAL EIS - CONCEPTUAL DESIGN
TRACK PLAN & PROFILE AND ROADWAY RECONSTRUCTION
KENT/DES MOINES I-5 STATION OPTION
STA 222+00 TO STA 248+00

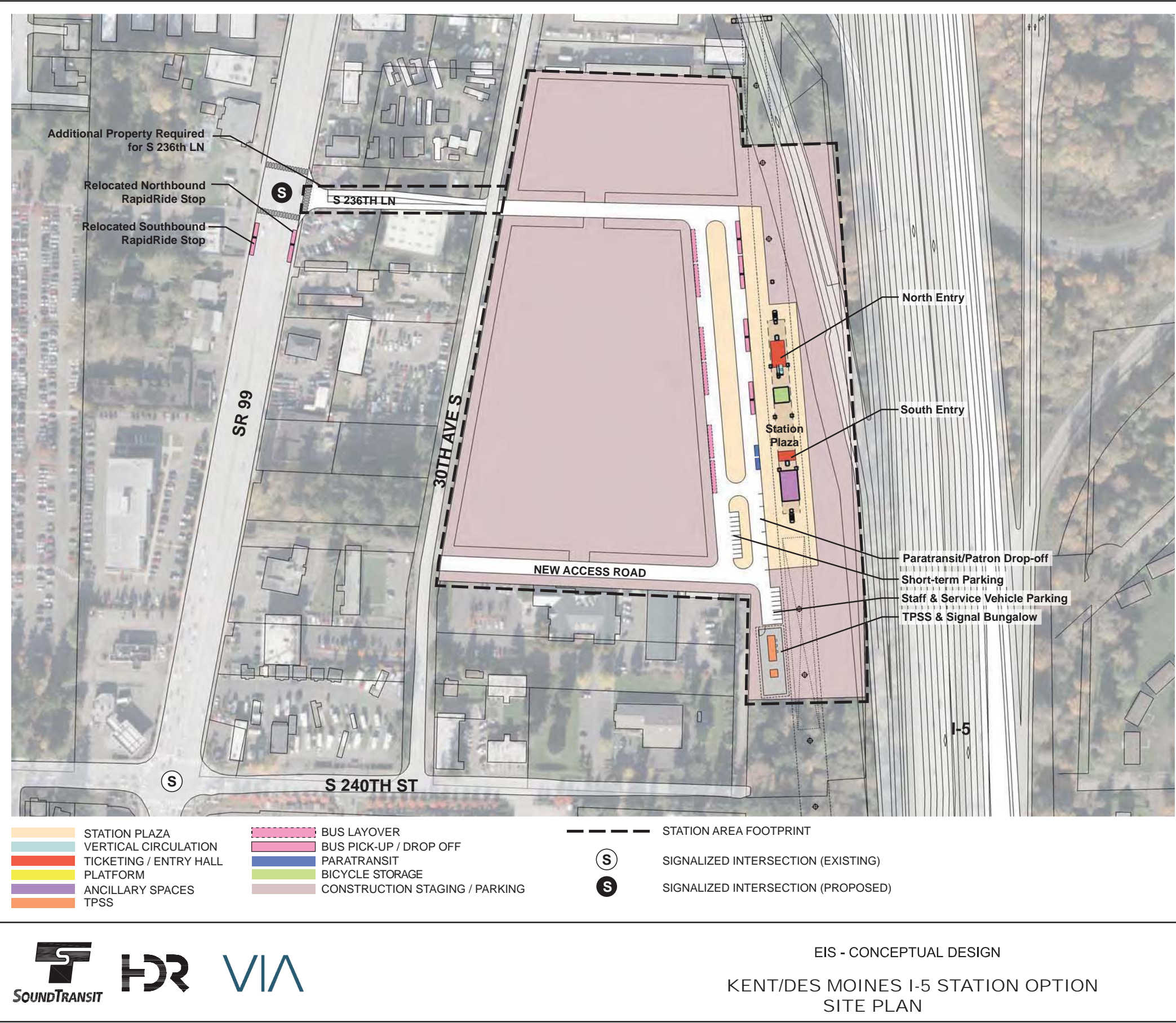
AUGUST 2016
I5-B2-PP06
29

SOUND TRANSIT FEDERAL WAY LINK EXTENSION

ASSUMPTIONS:

Kent/Des Moines I-5 Station Option	
Alternative(s)	Preferred
Boardings	2,500
Station Configuration	
Terminus / In-Line	Interim Terminus
Station Type	Center Platform - Elevated
Platform Width	34'
Tail track	900'
Crossover	Yes
TPSS	Yes
Program	
KC Metro Ancillary Spaces (SF)	200
ST Ancillary Spaces (SF)	1,800
Total Ancillary Spaces (SF)	2,000
Vertical Circulation	
# of entrances	2
# of escalators	1
# of staircases (patron)	1
# of elevators	2
# of emergency stairs	2
Bus/ Paratransit Facilities	
Bus bays (KCM)	2 bays, one 60' coach each
Bus bays (ST)	1 bay, two 60' coaches
Rapid Ride	On-street at SR 99
Bus layover (KCM)	2 bays, two 60' coaches each
Bus layover (ST)	1 bay, two 60' coaches
Paratransit spaces	1 permanent, 1 interim
Communications Facility	Tier 2
Parking & Amenities	
Bike storage	900 SF
Patron drop-off	6 spaces
Short-term patron parking	7 to 10 spaces
Staff parking	4 spaces
Service/emerg. vehicle park.	2 spaces, separate lot
Signal bungalow / TPSS park.	2 spaces, dedicated
Long-term patron parking	500 spaces (structure)
Temporary patron parking*	500 spaces (surface)
Total proposed patron parking*	1000 Spaces

*Only required for interim terminus condition

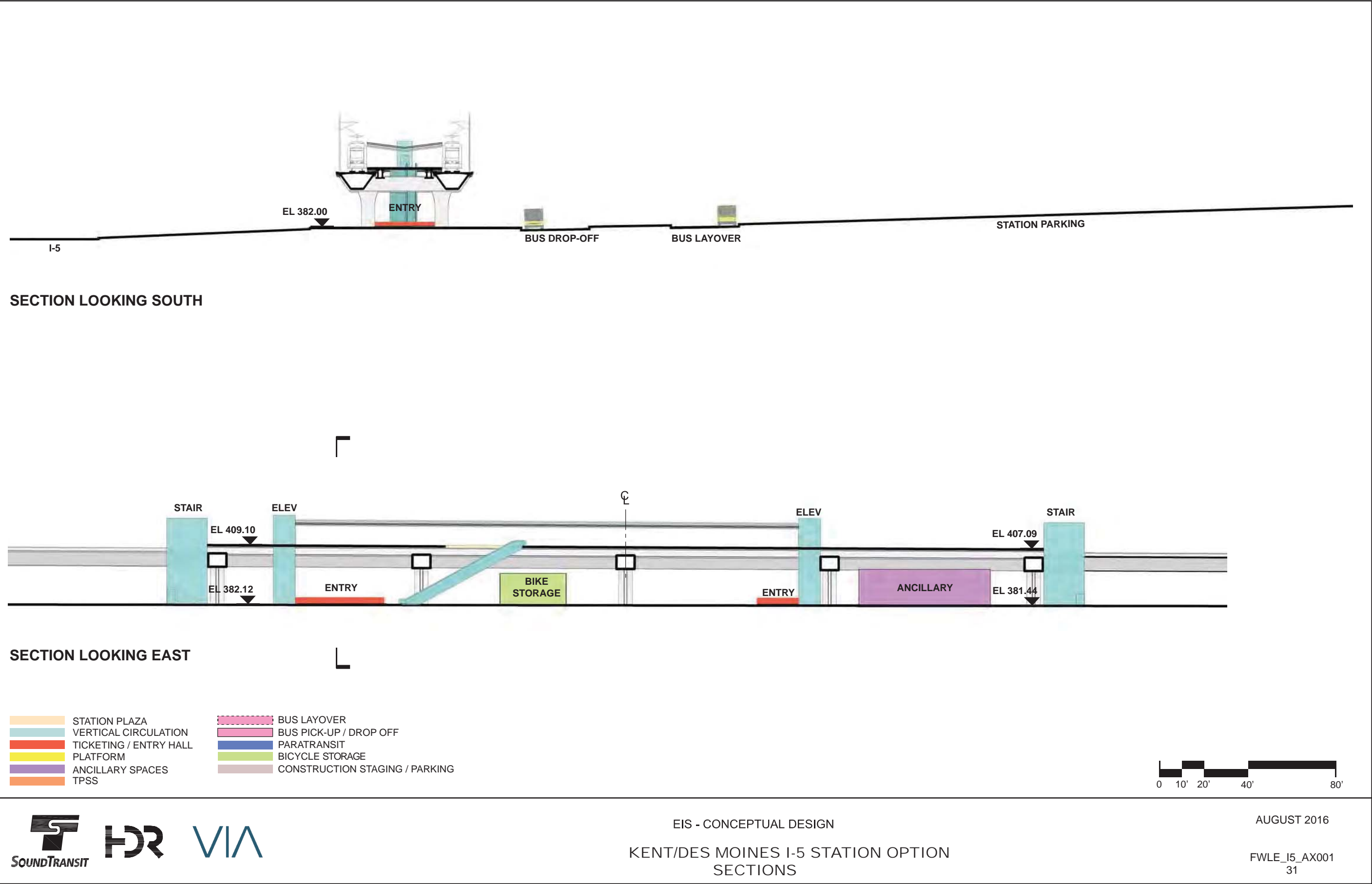


EIS - CONCEPTUAL DESIGN

AUGUST 2016

FWLE_I5_AP001
30

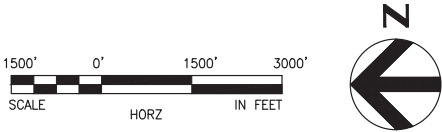
SOUND TRANSIT FEDERAL WAY LINK EXTENSION



SOUND TRANSIT FEDERAL WAY LINK EXTENSION



PREFERRED ALTERNATIVE SHEET LAYOUT MATRIX																	
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A - PREFERRED ALTERNATIVE	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	
B- KENT/DES MOINES I-5 STATION OPTION					X	X											
C- KENT/DES MOINES-AT-GRADE STATION OPTION					X	X	X										
D - LANDFILL MEDIAN ALIGNMENT OPTION						X	X	X									
E- S. 272ND STAR LAKE ELEVATED STATION OPTION									X	X	X						
F - S. 317TH ELEVATED ALIGNMENT OPTION															X	X	
G- FEDERAL WAY I-5 STATION OPTION																	X
H - FEDERAL WAY S 320TH PARK-AND-RIDE STATION OPTION															X	X	



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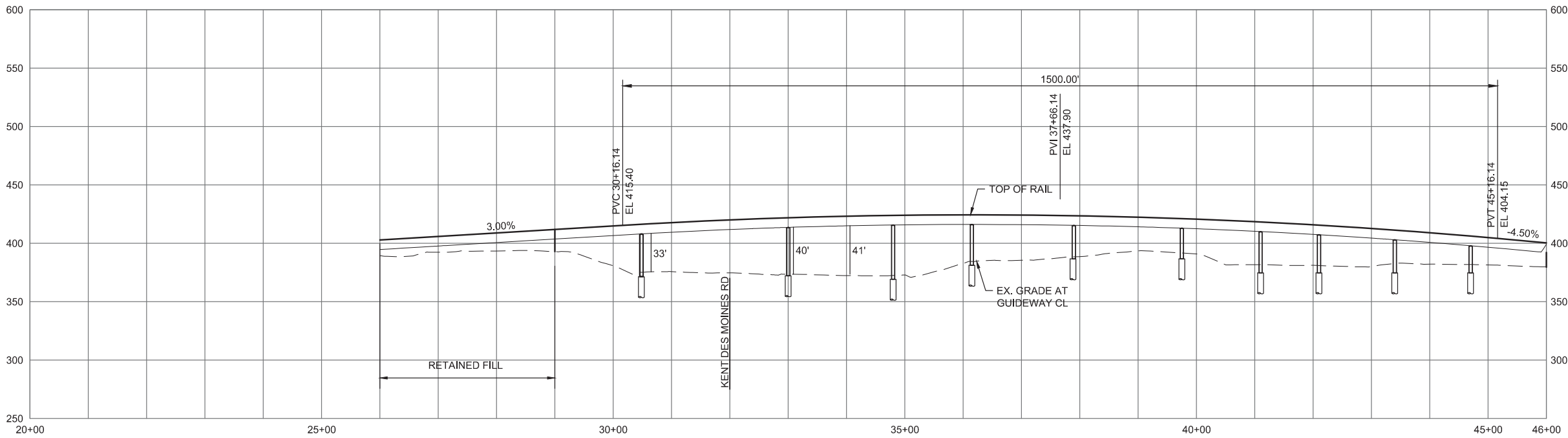
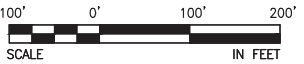
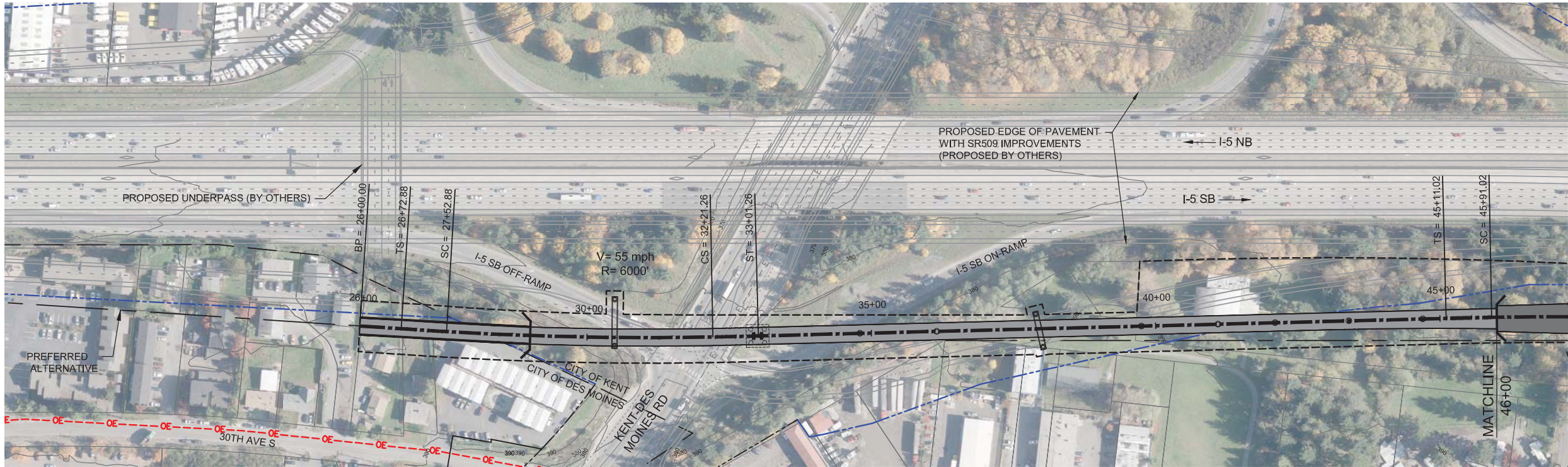


FINAL EIS - CONCEPTUAL DESIGN
SHEET INDEX KEY MAP
I-5 KENT/DES MOINES-AT-GRADE STATION OPTION

AUGUST 2016

I5-C00-GX02
32

SOUND TRANSIT FEDERAL WAY LINK EXTENSION



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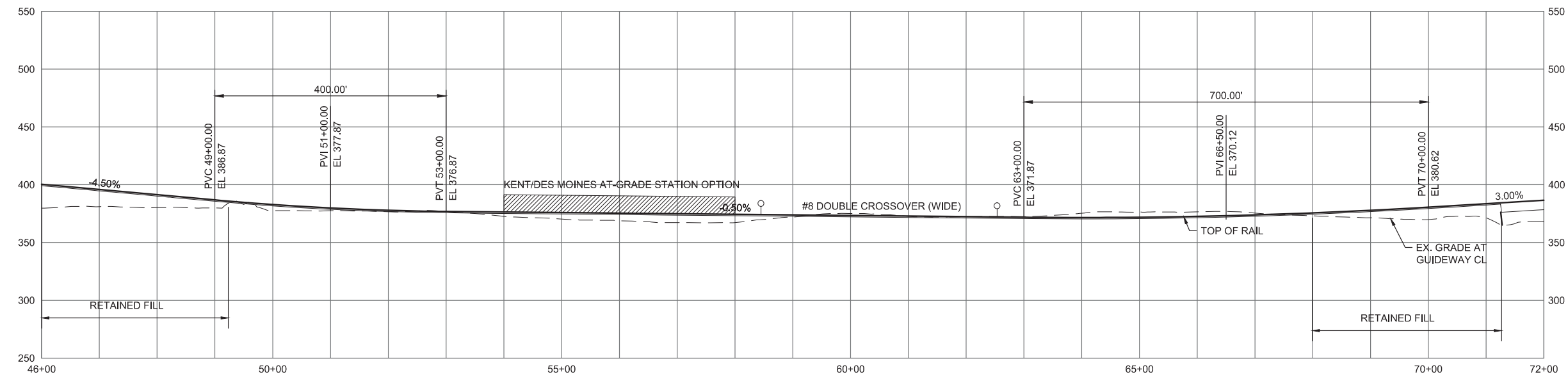
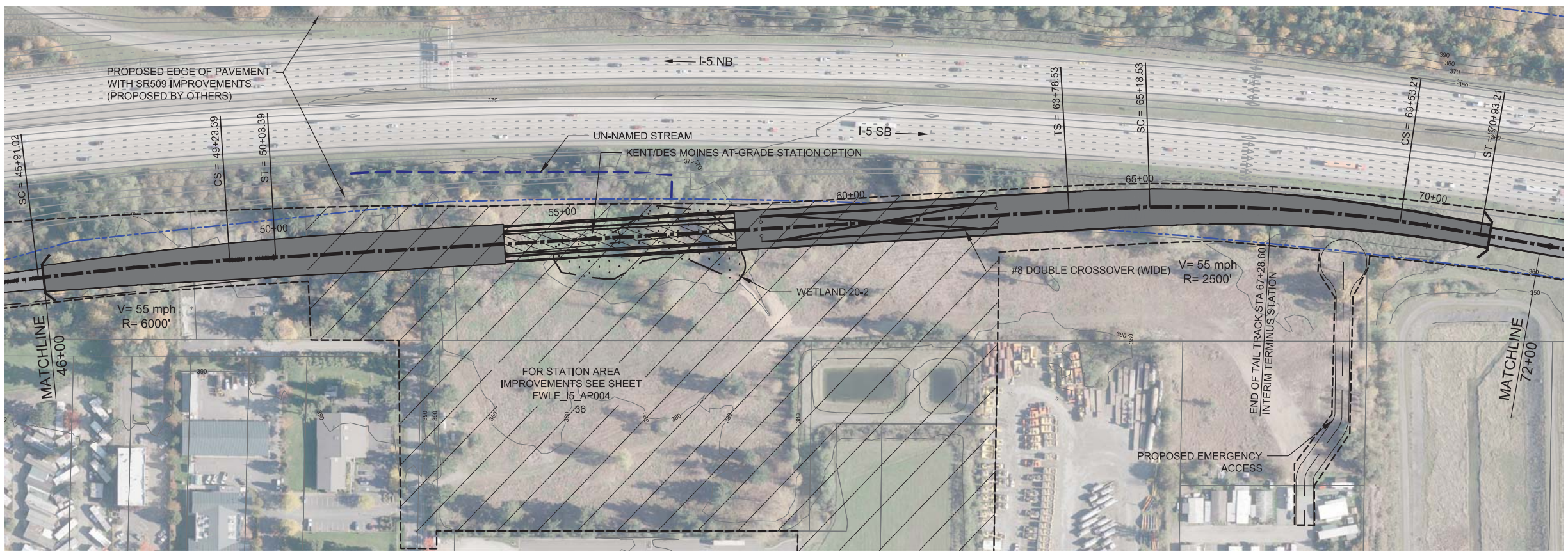


FINAL EIS - CONCEPTUAL DESIGN
TRACK PLAN AND PROFILE
KENT/DES MOINES AT-GRADE STATION OPTION
STA 26+00 TO STA 46+00

AUGUST 2016

I5-C1-PP05
33

SOUND TRANSIT FEDERAL WAY LINK EXTENSION



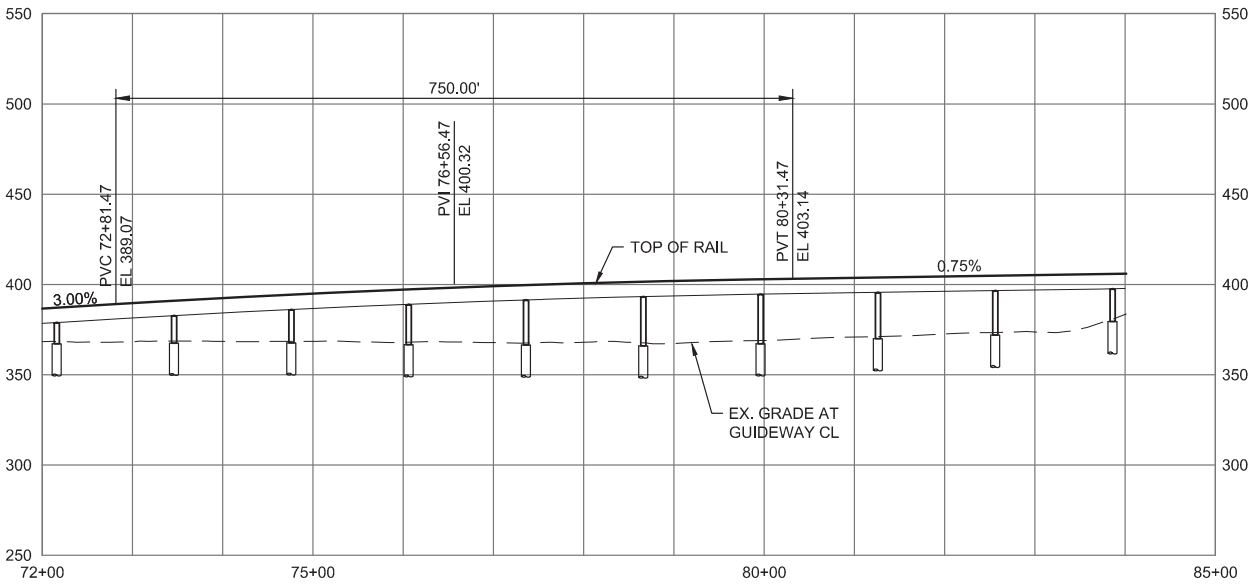
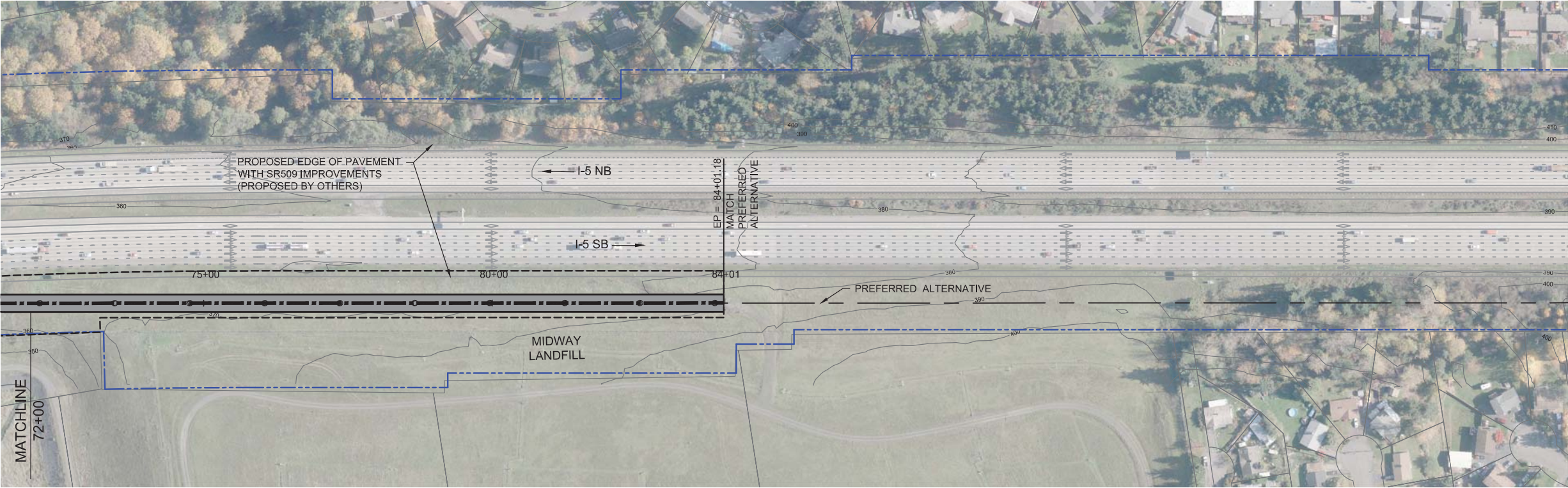
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FINAL EIS - CONCEPTUAL DESIGN
TRACK PLAN AND PROFILE
KENT/DES MOINES AT-GRADE STATION OPTION
STA 46+00 TO STA 72+00

AUGUST 2016
I5-C2-PP06
34

SOUND TRANSIT FEDERAL WAY LINK EXTENSION



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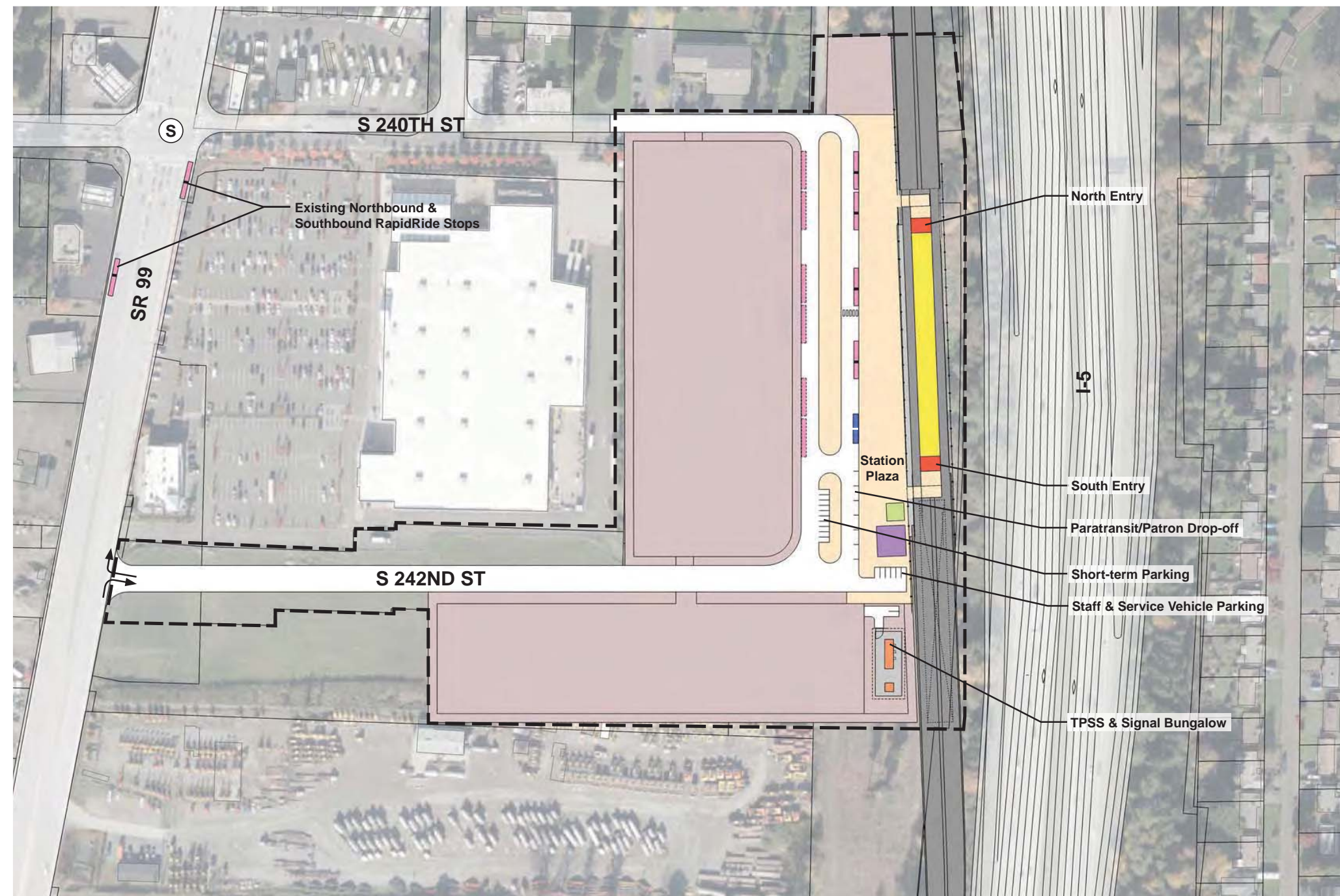


FINAL EIS - CONCEPTUAL DESIGN
TRACK PLAN AND PROFILE
KENT/DES MOINES AT-GRADE STATION OPTION
STA 72+00 TO STA 84+01.18

AUGUST 2016

I5-C3-PP07
35

SOUND TRANSIT FEDERAL WAY LINK EXTENSION



ASSUMPTIONS:

Kent/Des Moines At-Grade Station Option	
Alternative(s)	Preferred
Boardings	2,500

Station Configuration	
Terminus / In-Line	Interim Terminus
Station Type	Center Platform - At Grade
Platform Width	34'
Tail track	900'
Crossover	Yes
TPSS	Yes

Program	
KC Metro Ancillary Spaces (SF)	200
ST Ancillary Spaces (SF)	1,800
Total Ancillary Spaces (SF)	2,000

Vertical Circulation	
# of entrances	2
# of escalators	0
# of staircases (patron)	0
# of elevators	0
# of emergency stairs	0

Bus/ Paratransit Facilities	
Bus bays (KCM)	2 bays, one 60' coach each
Bus bays (ST)	1 bay, two 60' coaches
Rapid Ride	On-street at SR 99
Bus layover (KCM)	2 bays, two 60' coaches each
Bus layover (ST)	1 bay, two 60' coaches
Paratransit spaces	1 permanent, 1 interim
Communications Facility	Tier 2

Parking & Amenities	
Bike storage	900 SF
Patron drop-off	6 spaces
Short-term patron parking	7 to 10 spaces
Staff parking	4 spaces
Service/emerg. vehicle park.	2 spaces, separate lot
Signal bungalow / TPSS park.	2 spaces, dedicated
Long-term patron parking	500 spaces (structure)
Temporary patron parking*	500 spaces (surface)
<i>Total proposed patron parking*</i>	1000 Spaces

*Only required for interim terminus condition



AUGUST 2016

FWLE_I5_AP004
36

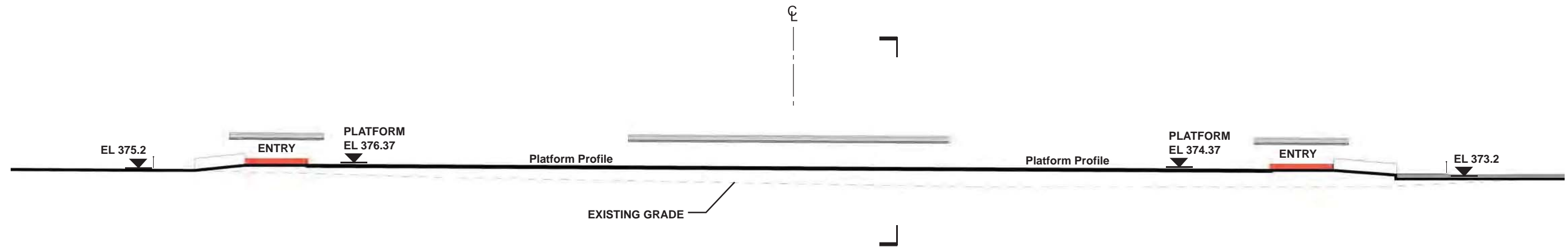
EIS - CONCEPTUAL DESIGN

KENT/DES MOINES AT-GRADE STATION OPTION SITE PLAN

SOUND TRANSIT FEDERAL WAY LINK EXTENSION

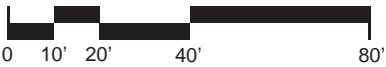


SECTION LOOKING NORTH



SECTION LOOKING EAST

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



EIS - CONCEPTUAL DESIGN
KENT/DES MOINES AT-GRADE STATION OPTION
SECTIONS

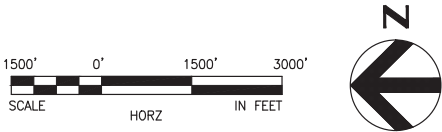
AUGUST 2016

FWLE_I-5_AX004
37

SOUND TRANSIT FEDERAL WAY LINK EXTENSION



PREFERRED ALTERNATIVE SHEET LAYOUT MATRIX																	
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A - PREFERRED ALTERNATIVE	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	
B- KENT/DES MOINES I-5 STATION OPTION					X	X											
C- KENT/DES MOINES-AT-GRADE STATION OPTION					X	X	X										
D - LANDFILL MEDIAN ALIGNMENT OPTION						X	X	X									
E- S. 272ND STAR LAKE ELEVATED STATION OPTION									X	X	X						
F - S. 317TH ELEVATED ALIGNMENT OPTION															X	X	
G- FEDERAL WAY I-5 STATION OPTION																	X
H - FEDERAL WAY S 320TH PARK-AND-RIDE STATION OPTION															X	X	



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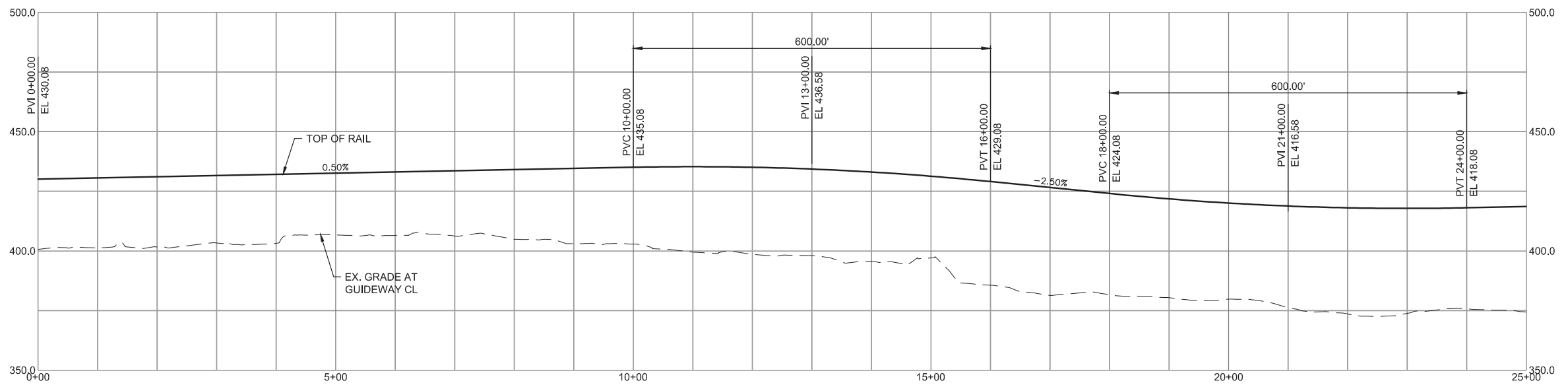


FINAL EIS - CONCEPTUAL DESIGN
SHEET INDEX KEY MAP
LANDFILL MEDIAN ALIGNMENT OPTION

AUGUST 2016

I5-D00-GX02
38

SOUND TRANSIT FEDERAL WAY LINK EXTENSION



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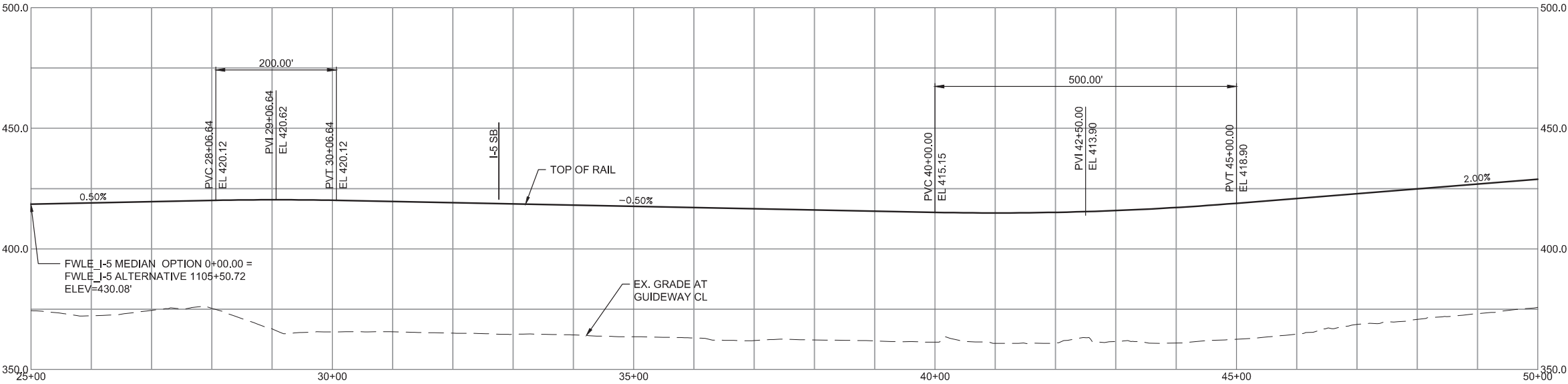
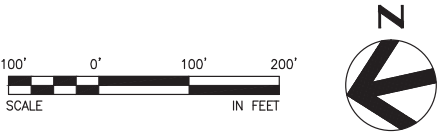
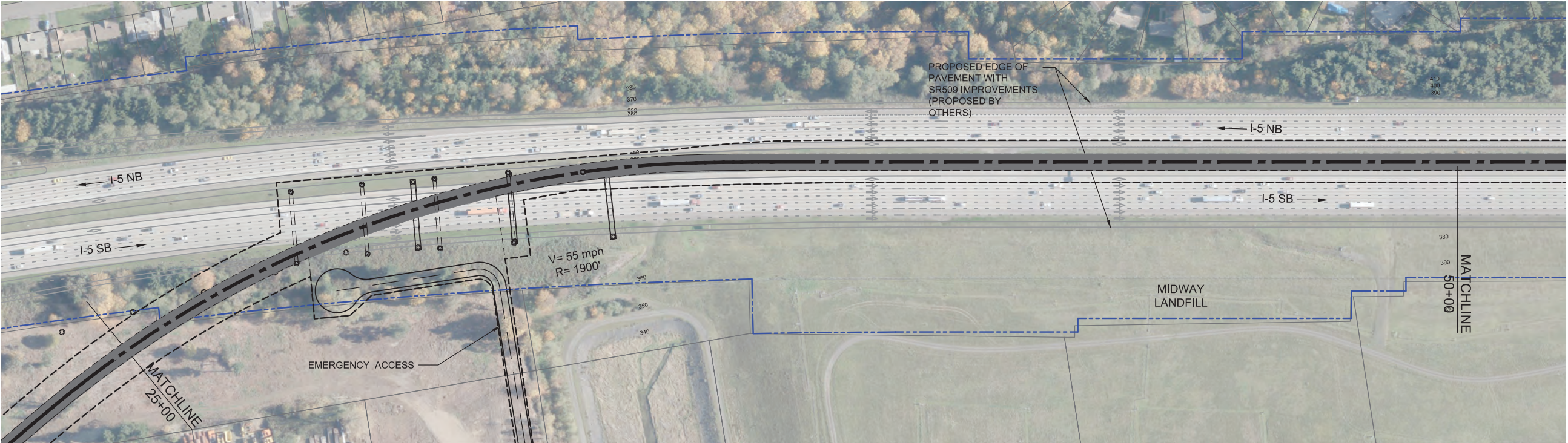


FINAL EIS - CONCEPTUAL DESIGN
TRACK PLAN AND PROFILE
LANDFILL MEDIAN ALIGNMENT OPTION
STA 28+00 TO STA 48+00

AUGUST 2016

I5-D1-PP06
39

SOUND TRANSIT FEDERAL WAY LINK EXTENSION



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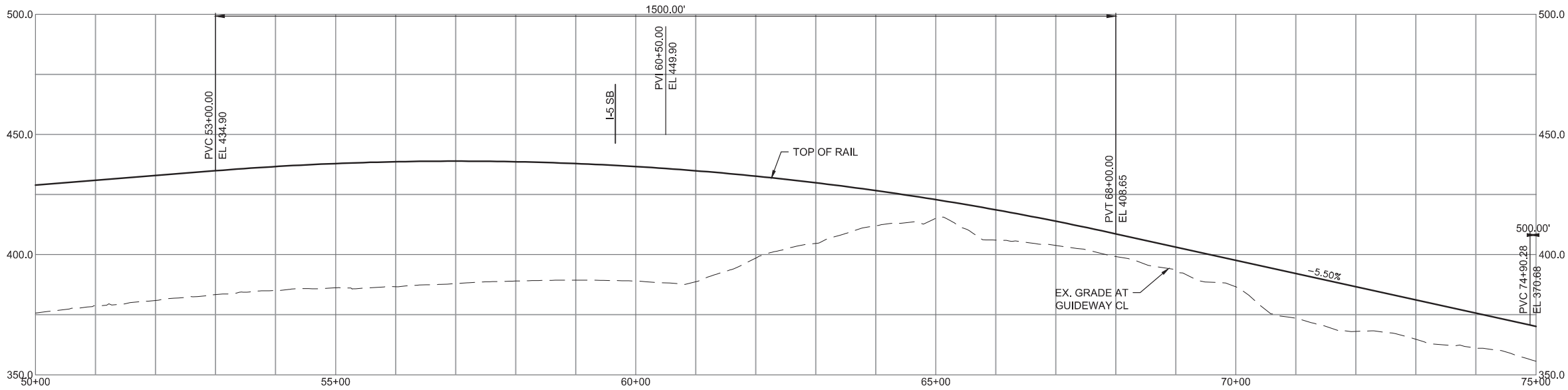
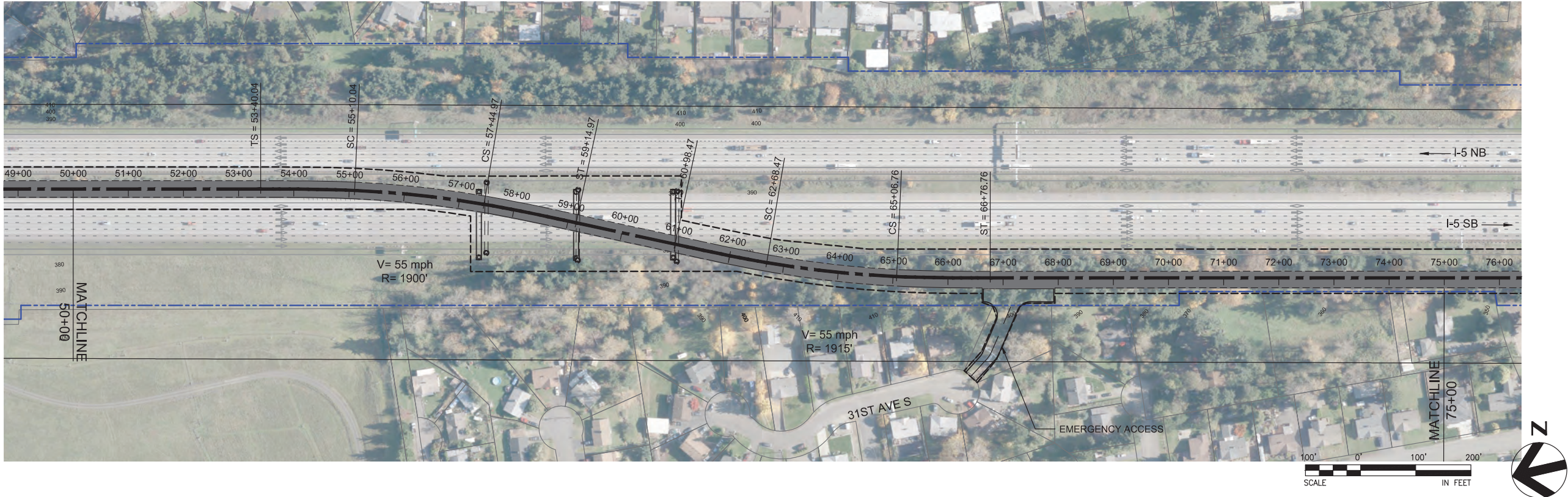


FINAL EIS - CONCEPTUAL DESIGN
TRACK PLAN AND PROFILE
LANDFILL MEDIAN ALIGNMENT OPTION
STA 50+00 TO STA 75+00

AUGUST 2016

I5-D2-PP07
40

SOUND TRANSIT FEDERAL WAY LINK EXTENSION



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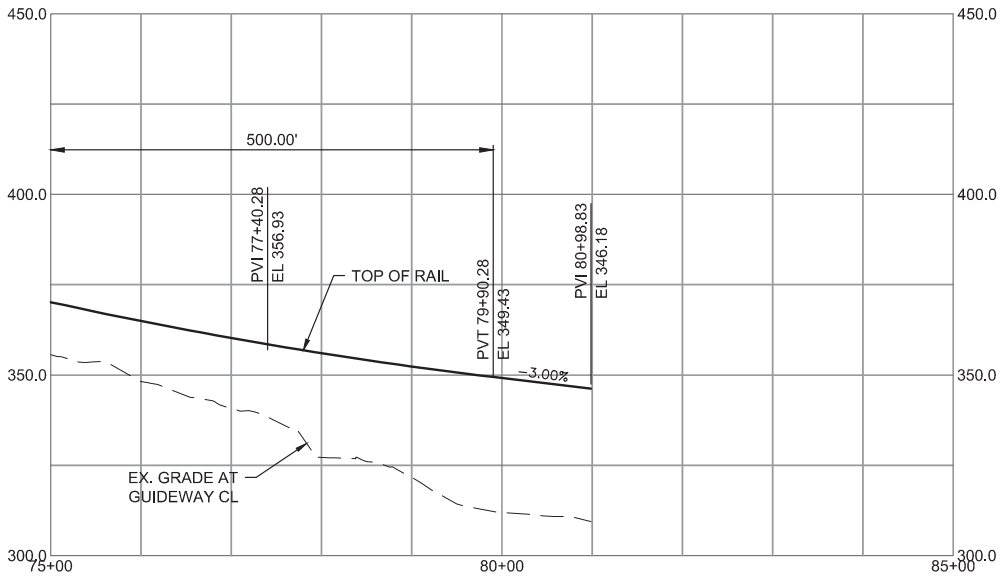
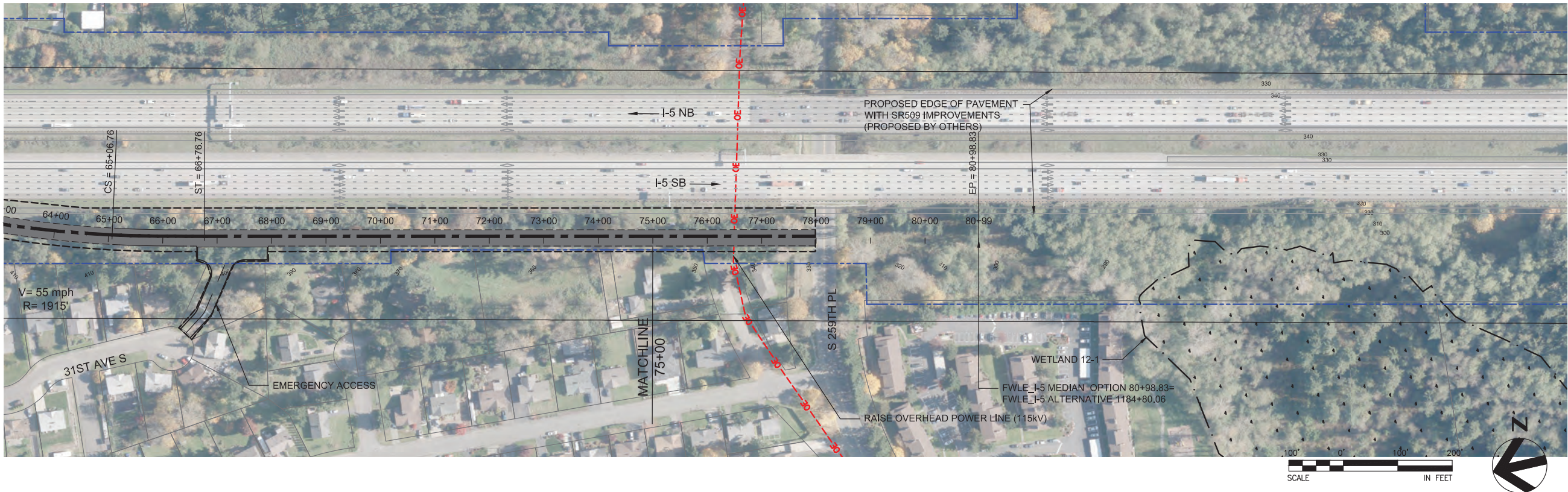


FINAL EIS - CONCEPTUAL DESIGN
TRACK PLAN AND PROFILE
LANDFILL MEDIAN ALIGNMENT OPTION
STA 50+00 TO STA 75+00

AUGUST 2016

I5-D3-PP08
41

SOUND TRANSIT FEDERAL WAY LINK EXTENSION



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FINAL EIS - CONCEPTUAL DESIGN
TRACK PLAN AND PROFILE
LANDFILL MEDIAN ALIGNMENT OPTION
STA 75+00 TO STA 80+88.83

AUGUST 2016

I5-D3-PP09
42