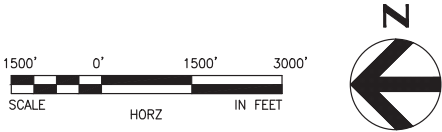


SOUND TRANSIT FEDERAL WAY LINK EXTENSION



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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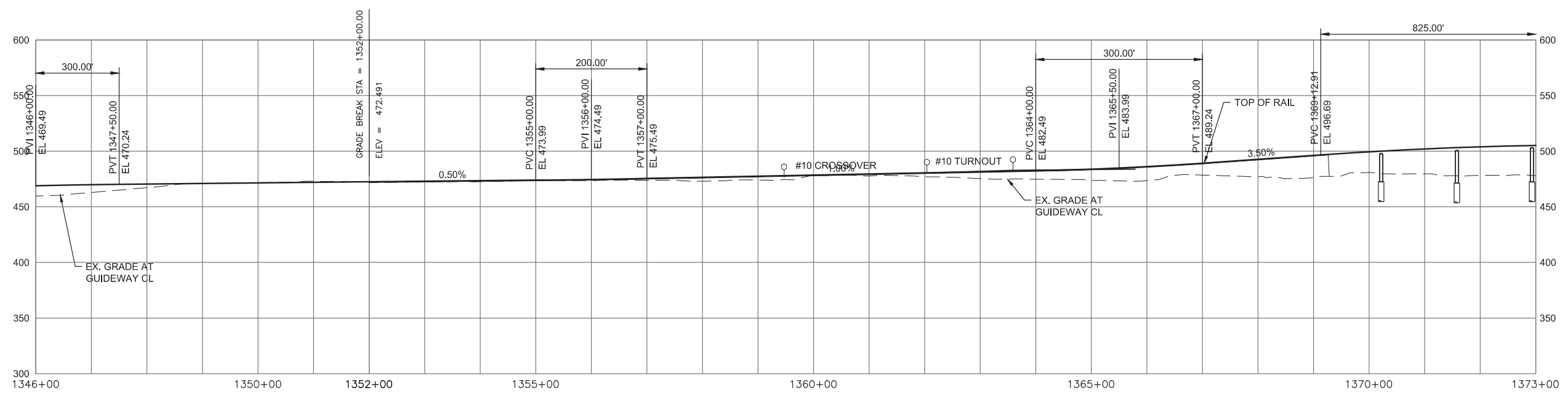
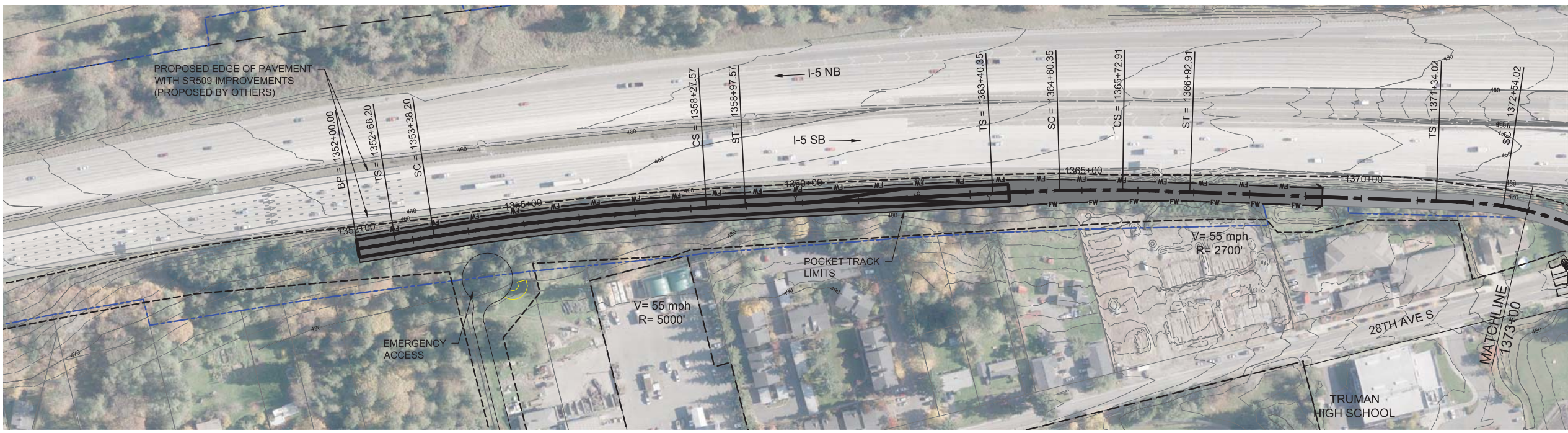


FINAL EIS - CONCEPTUAL DESIGN
SHEET INDEX KEY MAP
S. 317TH ELEVATED ALIGNMENT OPTION

AUGUST 2016

I5-F00-GX02
49

SOUND TRANSIT FEDERAL WAY LINK EXTENSION



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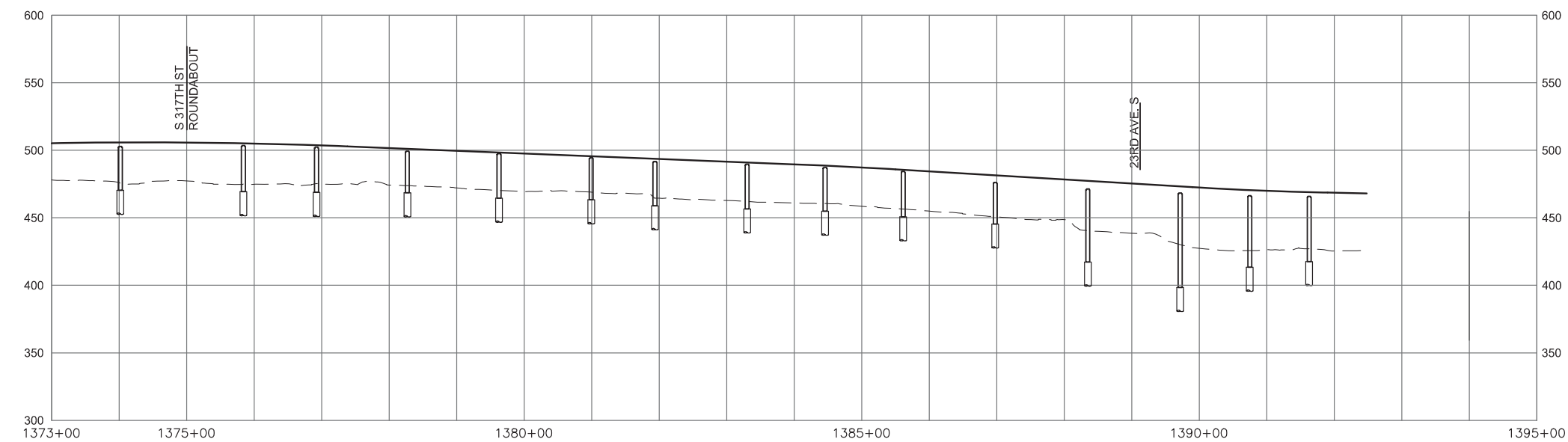
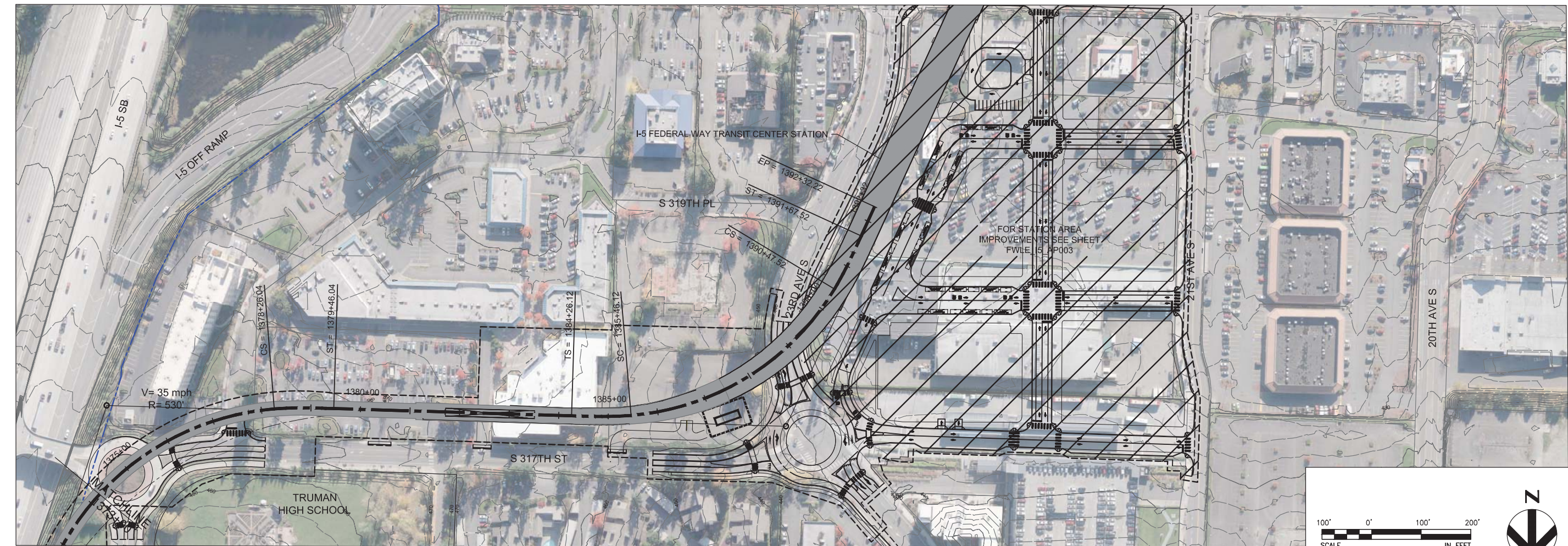


FINAL EIS - CONCEPTUAL DESIGN
TRACK PLAN & PROFILE AND ROADWAY RECONSTRUCTION
S 317TH ELEVATED ALIGNMENT OPTION
STA 1346+00 TO STA 1373+00

AUGUST 2016

I5-F1-PP15
50

SOUND TRANSIT FEDERAL WAY LINK EXTENSION



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FINAL EIS - CONCEPTUAL DESIGN
TRACK PLAN & PROFILE AND ROADWAY RECONSTRUCTION
317TH ELEVATED ALIGNMENT OPTION
STA 1373+00 TO STA 1392+32.22

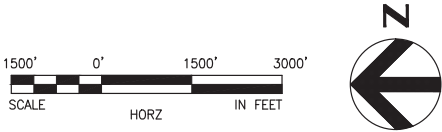
AUGUST 2016

I5-F2-PP16
51

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	



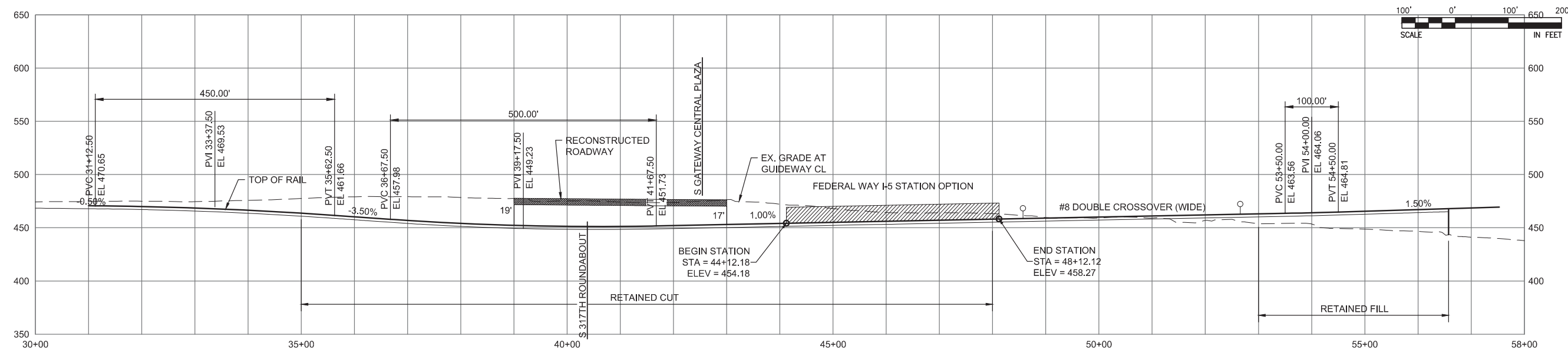
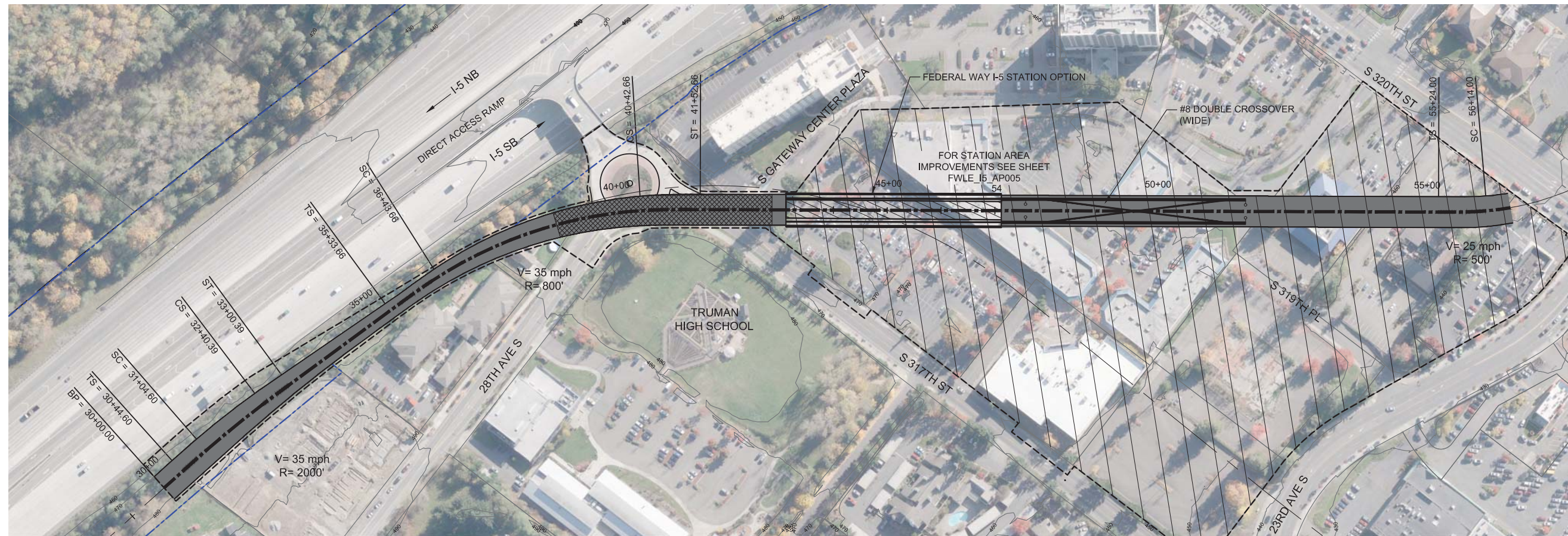
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FINAL EIS - CONCEPTUAL DESIGN
SHEET INDEX KEY MAP
FEDERAL WAY I-5 STATION OPTION

AUGUST 2016
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52

SOUND TRANSIT FEDERAL WAY LINK EXTENSION



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FINAL EIS - CONCEPTUAL DESIGN
TRACK PLAN & PROFILE AND ROADWAY RECONSTRUCTION
FEDERAL WAY I-5 STATION OPTION
STA 30+00 TO STA 56+57.49

AUGUST 2016

I5-G1-PP17
53

SOUND TRANSIT FEDERAL WAY LINK EXTENSION

ASSUMPTIONS:

Federal Way I-5 Station Option	
Alternative(s)	Preferred SR 99 to I-5
Boardings	10,500
Station Configuration	
Terminus / In-Line	Terminus
Station Type	Center Platform - Trench
Platform Width	34'
Tail track	900'
Crossover	Yes
TPSS	Yes
Program	
KC Metro Ancillary Spaces (SF)	200
ST Ancillary Spaces (SF)	1,800
Support Services (SF)	5,000
Total Ancillary Spaces (SF)	7,000
Vertical Circulation	
# of entrances	2
# of escalators	2
# of staircases (patron)	2
# of elevators	2
# of emergency stairs	1
Bus/ Paratransit Facilities	
Bus bays (KCM)	2 bays, one 60' coach each
Bus bays (ST)	1 bay, two 60' coaches
Rapid Ride	
Bus layover (KCM)	3 bays, one 40' coach each
Bus layover (ST)	1 bay, two 60' coaches
Paratransit spaces	3 spaces
Communications Facility	Tier 3
Parking & Amenities	
Bike storage	900 SF
Patron drop-off	6 spaces
Short-term patron parking	7 to 10 spaces
Staff parking	4 spaces
Support Services parking	15 spaces
Service/emerg. vehicle park.	2 spaces, separate lot
Signal bungalow / TPSS park.	2 spaces, dedicated
Existing patron parking	1,190 spaces
Additional patron parking	400 spaces
Total proposed patron parking	1590 spaces (structure)

- STATION PLAZA

VERTICAL CIRCULATION

TICKETING / ENTRY HALL

PLATFORM

ANCILLARY SPACES

TPSS
- BUS LAYOVER

BUS PICK-UP / DROP OFF

PARATRANSIT

BICYCLE STORAGE

CONSTRUCTION STAGING / PARKING

- STATION AREA FOOTPRINT
- S

SIGNALIZED INTERSECTION (EXISTING)
- S

SIGNALIZED INTERSECTION (PROPOSED)

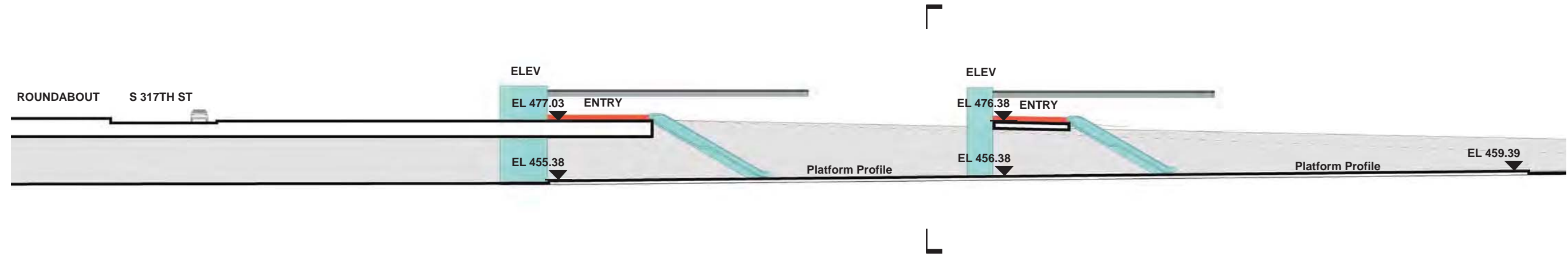
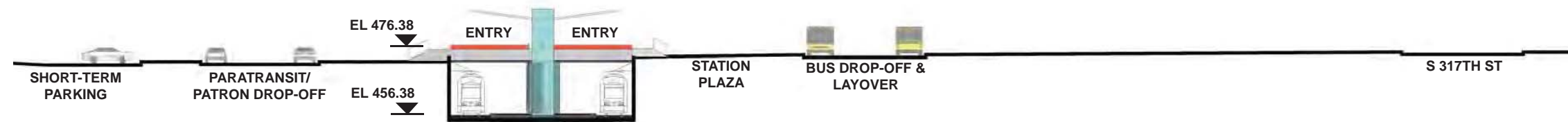


EIS - CONCEPTUAL DESIGN
FEDERAL WAY I-5 STATION OPTION
SITE PLAN

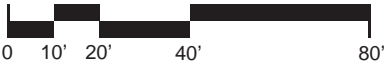
AUGUST 2016

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54

SOUND TRANSIT FEDERAL WAY LINK EXTENSION



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



EIS - CONCEPTUAL DESIGN
FEDERAL WAY I-5 STATION OPTION
SECTIONS

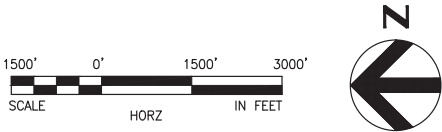
AUGUST 2016

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55

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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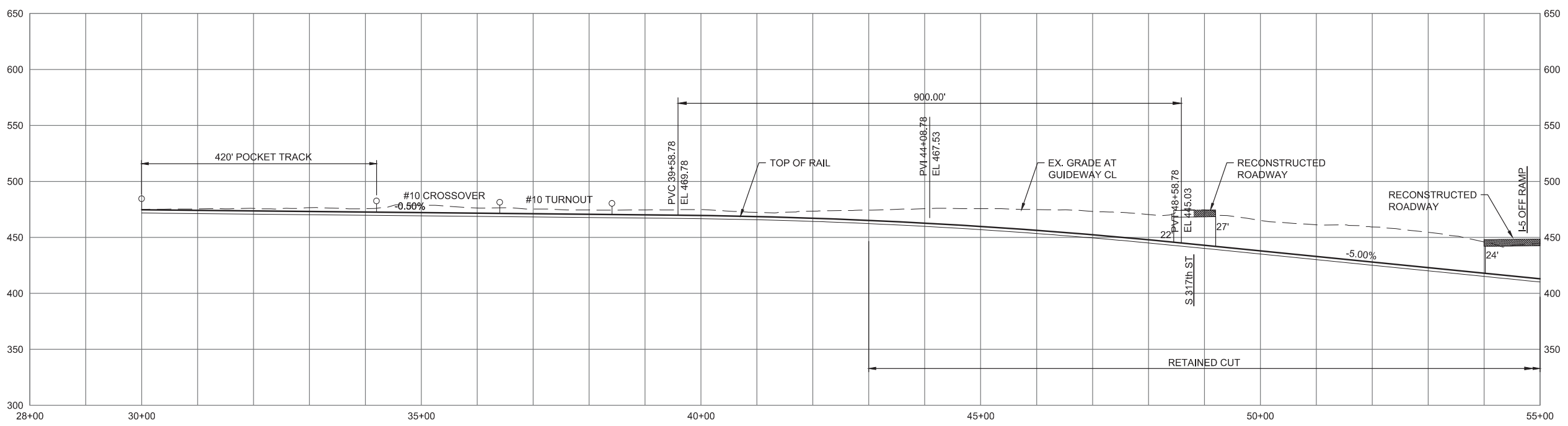


FINAL EIS - CONCEPTUAL DESIGN
SHEET INDEX KEY MAP
FEDERAL WAY S 320TH PARK-AND-RIDE STATION OPTION

AUGUST 2016

I5-F00-GX02
56

SOUND TRANSIT FEDERAL WAY LINK EXTENSION



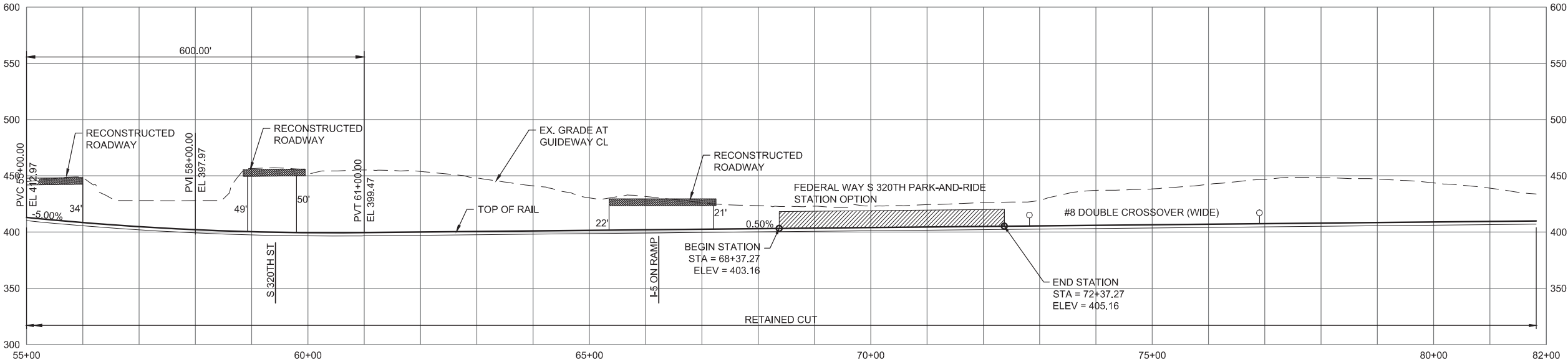
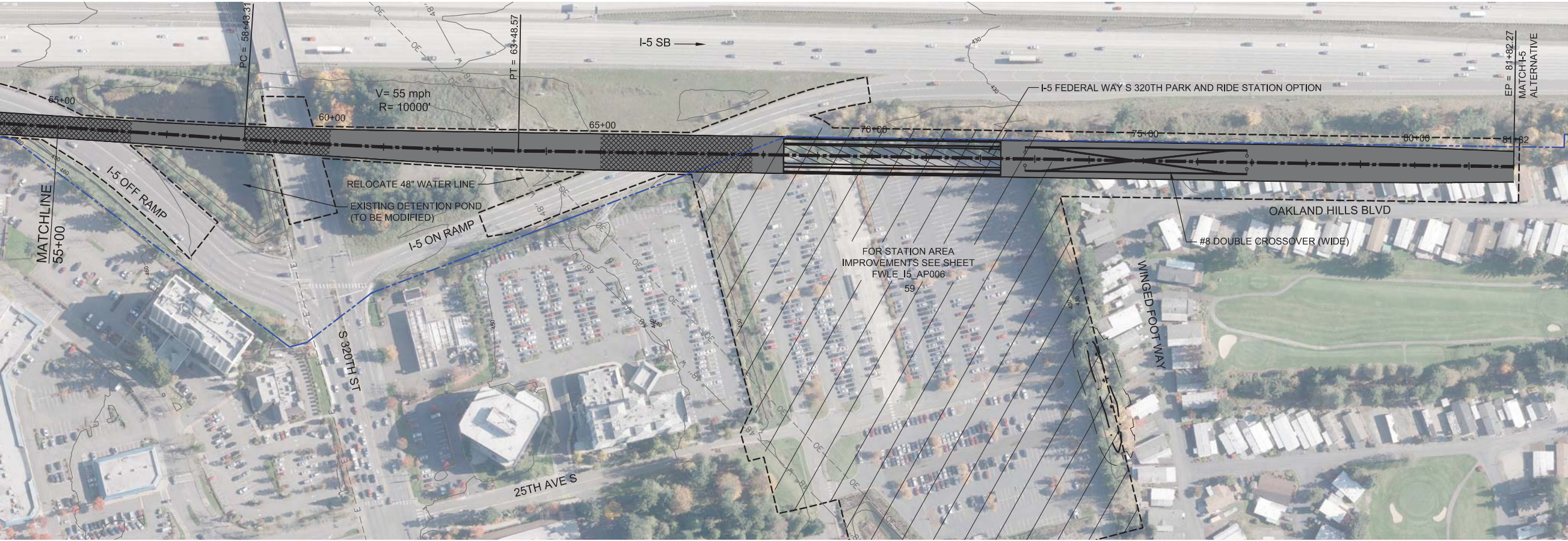
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FINAL EIS - CONCEPTUAL DESIGN
TRACK PLAN AND PROFILE
FEDERAL WAY S 320TH PARK-AND-RIDE STATION OPTION
STA 30+00 TO STA 55+00

AUGUST 2016
I5-H1-PP15
57

SOUND TRANSIT FEDERAL WAY LINK EXTENSION



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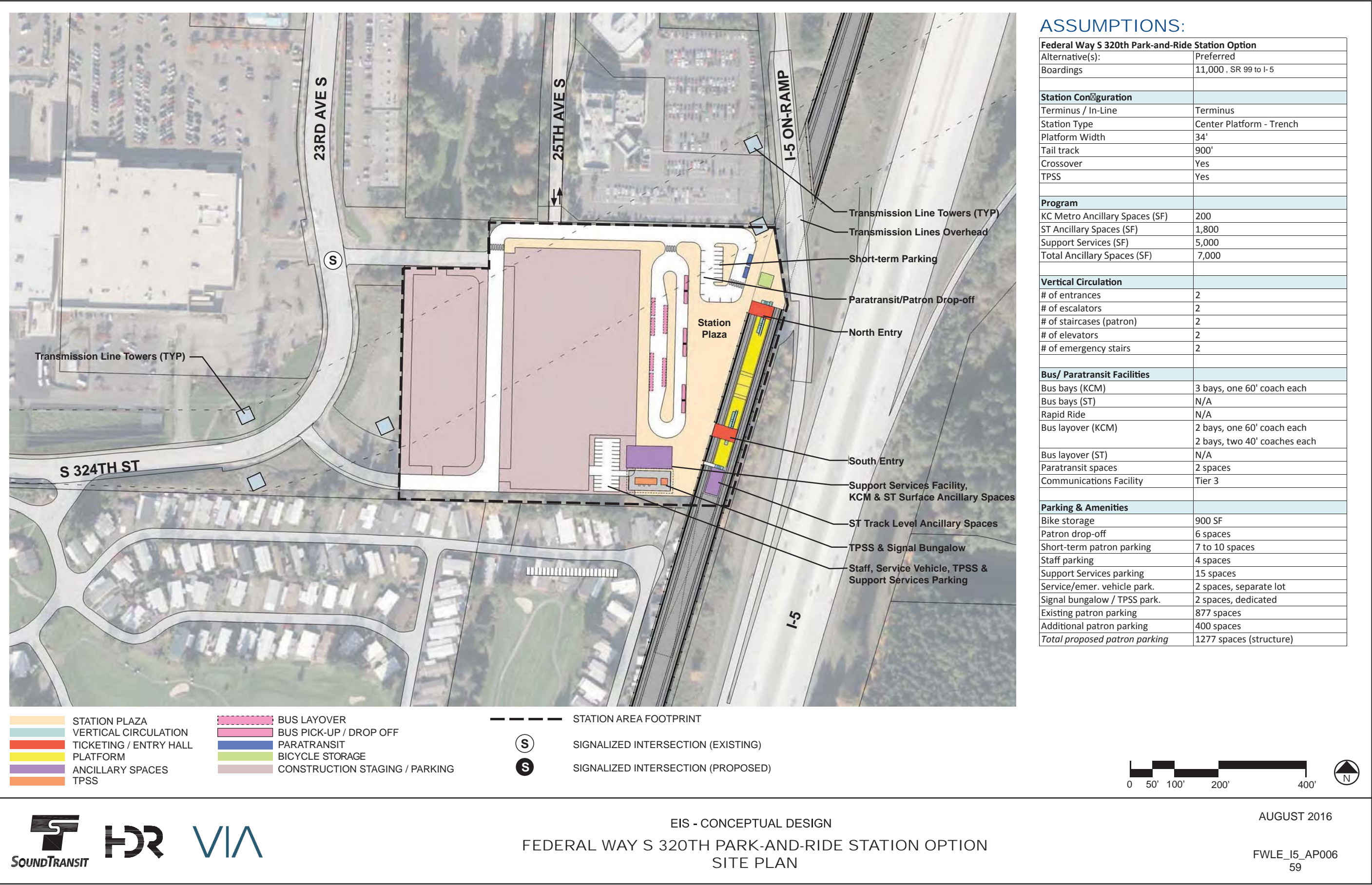


FINAL EIS - CONCEPTUAL DESIGN
TRACK PLAN AND PROFILE
FEDERAL WAY S 320TH PARK-AND-RIDE STATION OPTION
STA 55+00 TO STA 81+82.27

AUGUST 2016

I5-F2-PP16
58

SOUND TRANSIT FEDERAL WAY LINK EXTENSION



SOUND TRANSIT FEDERAL WAY LINK EXTENSION

