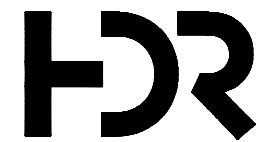


DRAFT EIS - CONCEPTUAL DESIGN I-5 ALTERNATIVE



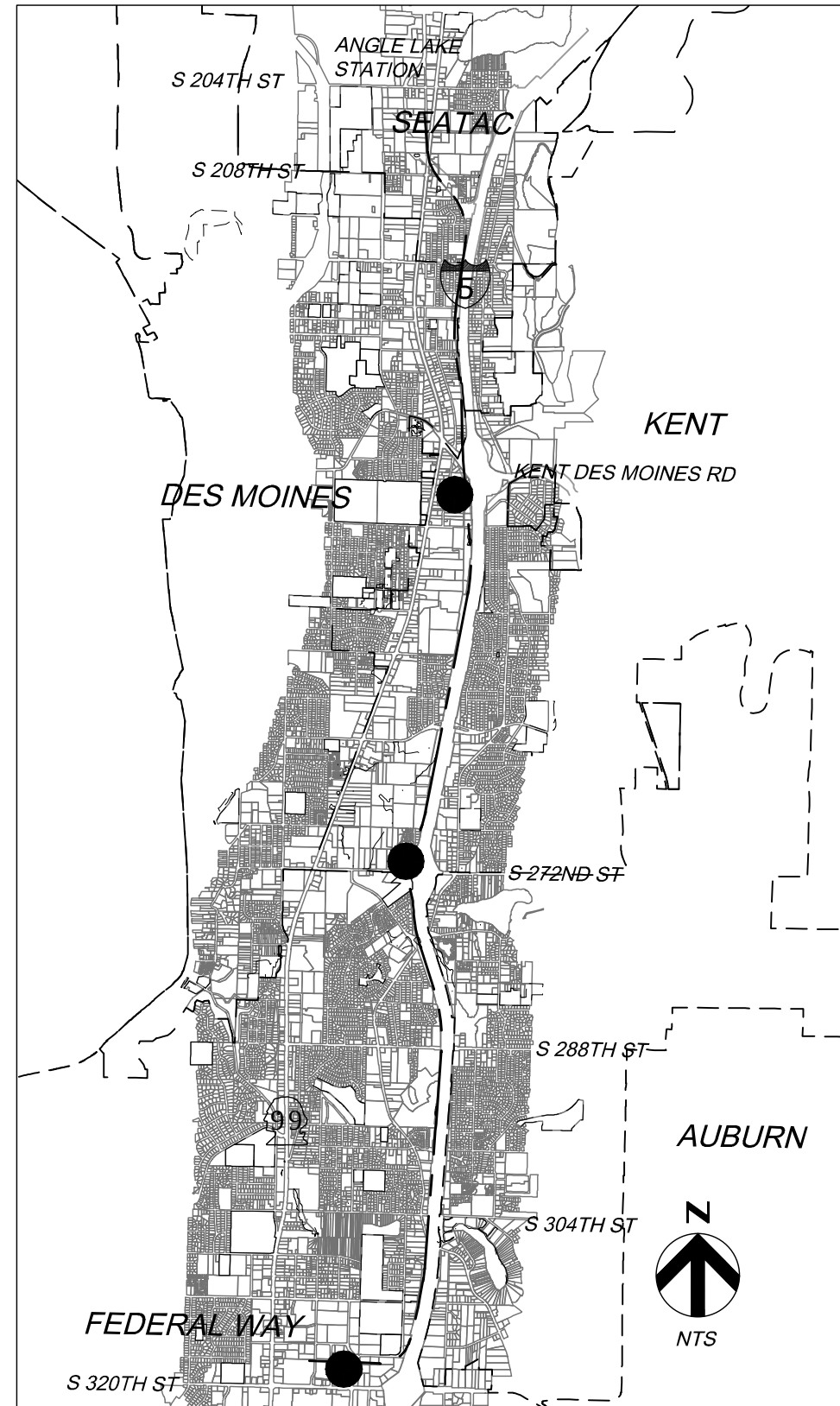
SOUND TRANSIT FEDERAL WAY LINK EXTENSION

DRAFT EIS - CONCEPTUAL DESIGN I-5 ALTERNATIVE

APRIL 2015

SHEET KEY

I-5 ALTERNATIVE
KENT/DES MOINES AT-GRADE STATION OPTION
KENT/DES MOINES SR 99 EAST STATION OPTION
LANDFILL MEDIAN ALIGNMENT OPTION
FEDERAL WAY I-5 STATION OPTION
FEDERAL WAY S 320TH PARK AND RIDE STATION OPTION



PROJECT LOCATION MAP

SOUND TRANSIT FEDERAL WAY LINK EXTENSION

Sheet No.	Drawing No.	Sheet Title
I-5 ALTERNATIVE		
94	I5-A00-GX00	COVER SHEET
95	I5-A00-GX01	I-5 ALTERNATIVE SHEET INDEX
96	I5-A00-GX02	SHEET INDEX KEYMAP
97	I5-A1-PP01	TRACK PLAN AND PROFILE STA 100+00 TO STA 118+00
98	I5-A2-PP02	TRACK PLAN AND PROFILE STA 118+00 TO STA 144+00
99	I5-A3-PP03	TRACK PLAN AND PROFILE STA 144+00 TO STA 170+00
100	I5-A4-PP04	TRACK PLAN AND PROFILE STA 170+00 TO STA 196+00
101	I5-A5-PP05	TRACK PLAN AND PROFILE STA 196+00 TO STA 222+00
102	I5-A6-PP06	TRACK PLAN AND PROFILE STA 222+00 TO STA 248+00
103	I5-A7-PP07	TRACK PLAN AND PROFILE STA 248+00 TO STA 274+00
104	I5-A8-PP08	TRACK PLAN AND PROFILE STA 274+00 TO STA 300+00
105	I5-A9-PP09	TRACK PLAN AND PROFILE STA 300+00 TO STA 326+00
106	I5-A10-PP10	TRACK PLAN AND PROFILE STA 326+00 TO STA 352+00
107	I5-A11-PP11	TRACK PLAN AND PROFILE STA 352+00 TO STA 378+00
108	I5-A12-PP12	TRACK PLAN AND PROFILE STA 378+00 TO STA 404+00
109	I5-A13-PP13	TRACK PLAN AND PROFILE STA 404+00 TO STA 430+00
110	I5-A14-PP14	TRACK PLAN AND PROFILE STA 430+00 TO STA 456+00
111	I5-A15-PP15	TRACK PLAN AND PROFILE STA 456+00 TO STA 483+00
112	I5-A17-PP16	TRACK PLAN AND PROFILE STA 483+00 TO STA 511+86.32
113	FWLE_I5_AP001	KENT/DES MOINES I-5 STATION - SITE PLAN
114	FWLE_I5_AX001	KENT/DES MOINES I-5 STATION - SECTIONS
115	FWLE_I5_AP002	S 272ND STAR LAKE STATION - SITE PLAN
116	FWLE_I5_AX002	S 272ND STAR LAKE STATION -SECTIONS
117	FWLE_I5_AP003	FEDERAL WAY TRANSIT CENTER STATION - SITE PLAN
118	FWLE_I5_AX003	FEDERAL WAY TRANSIT CENTER STATION - SECTIONS
KENT/DES MOINES AT-GRADE STATION OPTION		
119	I5-B00-GX02	SHEET INDEX KEYMAP
120	I5-B1-PP05	TRACK PLAN AND PROFILE STA 26+00 TO STA 46+00
121	I5-B2-PP06	TRACK PLAN AND PROFILE STA 46+00 TO STA 72+00
122	I5-B3-PP07	TRACK PLAN AND PROFILE STA 72+00 TO STA 84+01.18
123	FWLE_I5_AP004	KENT/DES MOINES AT-GRADE STATION OPTION - SITE PLAN
124	FWLE_I5_AX004	KENT/DES MOINES AT-GRADE STATION OPTION - SECTIONS
KENT/DES MOINES SR 99 EAST STATION OPTION		
125	I5-C00-GX02	SHEET INDEX KEYMAP
126	I5-C1-PP04	TRACK PLAN AND PROFILE STA 3+00 TO STA 28+00
127	I5-C2-PP05	TRACK PLAN AND PROFILE STA 28+00 TO STA 55+00
128	I5-C3-PP06	TRACK PLAN AND PROFILE STA 55+00 TO STA 80+00
129	FWLE_SR99_AP006	KENT/DES MOINES SR 99 EAST STATION OPTION - SITE PLAN
130	FWLE_SR99_AX006	KENT/DES MOINES SR 99 EAST STATION OPTION - SECTIONS
LANDFILL MEDIAN ALIGNMENT OPTION		
131	I5-D00-GX02	SHEET INDEX KEYMAP
132	I5-D1-PP06	TRACK PLAN AND PROFILE STA 28+00 TO STA 48+00
133	I5-D2-PP07	TRACK PLAN AND PROFILE STA 48+00 TO STA 74+00
134	I5-D3-PP08	TRACK PLAN AND PROFILE STA 74+00 TO STA 90+42.15
FEDERAL WAY I-5 STATION OPTION		
135	I5-E00-GX02	SHEET INDEX KEYMAP
136	I5-E1-PP17	TRACK PLAN AND PROFILE STA 30+00 TO STA 52+97
137	FWLE_I5_AP005	FEDERAL WAY I-5 STATION OPTION - SITE PLAN
138	FWLE_I5_AX005	FEDERAL WAY I-5 STATION OPTION - SECTIONS
FEDERAL WAY S. 320TH PARK AND RIDE STATION OPTION		
139	I5-F00-GX02	SHEET INDEX KEYMAP
140	I5-F01-PP15	TRACK PLAN AND PROFILE STA 30+00 TO STA 55+00
141	I5-F02-PP16	TRACK PLAN AND PROFILE STA 55+00 TO STA 81+82.27
142	FWLE_I5_AP006	FEDERAL WAY S 320TH PARK-AND-RIDE STATION OPTION - SITE PLAN
143	FWLE_I5_AX006	FEDERAL WAY S 320TH PARK-AND-RIDE STATION OPTION - SECTIONS

ABBREVIATIONS

B	
BP	BEGIN POINT
C	
CTR	CENTER
CL	CENTERLINE
CS	CURVE TO SPIRAL
D	
DO	DESIGN OPTION
DWG	DRAWING
E	
E	EAST/ELECTRICAL
EL	ELEVATION
EP	END POINT
EX	EXISTING
F	
FWLE	FEDERAL WAY LINK EXTENSION
FWTC	FEDERAL WAY TRANSIT CENTER
G	
G	GAS
H	
HC	HIGHLINE COLLEGE
HORZ	HORIZONTAL
K	
KC	KING COUNTY
KCM	KING COUNTY METRO
KDM	KENT/DES MOINES
Kv	KILOVOLTS
M	
MPH	MILES PER HOUR
N	
N	NORTH
NB	NORTHBOUND
O	
OE	OVERHEAD ELECTRICAL
P	
PC	POINT OF CURVATURE
PL	PLACE
PS	POINT OF SWITCH
PT	POINT OF TANGENCY
PVC	POINT OF VERTICAL CURVATURE
PVI	POINT OF VERTICAL INTERSECTION
PVT	POINT OF VERTICAL TANGENCY
R	
R	RADUIS
RD	ROAD
ROW	RIGHT OF WAY
S	
S	SOUTH
SB	SOUTH BOUND
SC	SPIRAL TO CURVE
SF	SQUARE FEET
SR	STATE ROUTE
ST	STREET, SPIRAL TO TANGENT, or SOUND TRANSIT STATION
STA	
T	
TPSS	TRACTION POWER SUBSTATION
TS	TANGENT TO SPIRAL
TYP	TYPICAL
V	
V	VELOCITY

EXISTING FEATURES

	RIGHT OF WAY LINE
	LOT LINE
	GAS
	OVERHEAD ELECTRICAL
	UNDERGROUND ELECTRICAL
	WETLAND
	STREAM
	TRACK CENTERLINE
	EXISTING GROUND (PROFILE)
	CONTOUR LINE

PROPOSED FEATURES

	PROPOSED WSDOT ROW
	CITY LIMITS
	CONSTRUCTION FOOTPRINT
	GUIDEWAY CENTERLINE
	CURB AND SIDEWALK
	BOTTOM OF STRUCTURE (PROFILE)
	TOP OF RAIL (PROFILE)
	STATION PLATFORM
	AT-GRADE /TRENCH (BALLASTED) TRACK
	ELEVATED GUIDEWAY
	COLUMNS / STRADDLE BENTS
	LONG SPAN COLUMNS
	HEAD WALL
	TPSS BUILDING
	NEW SIGNAL

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BRHARRIS



DRAFT EIS - CONCEPTUAL DESIGN

SHEET INDEX
I-5 ALTERNATIVE

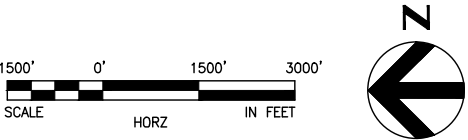
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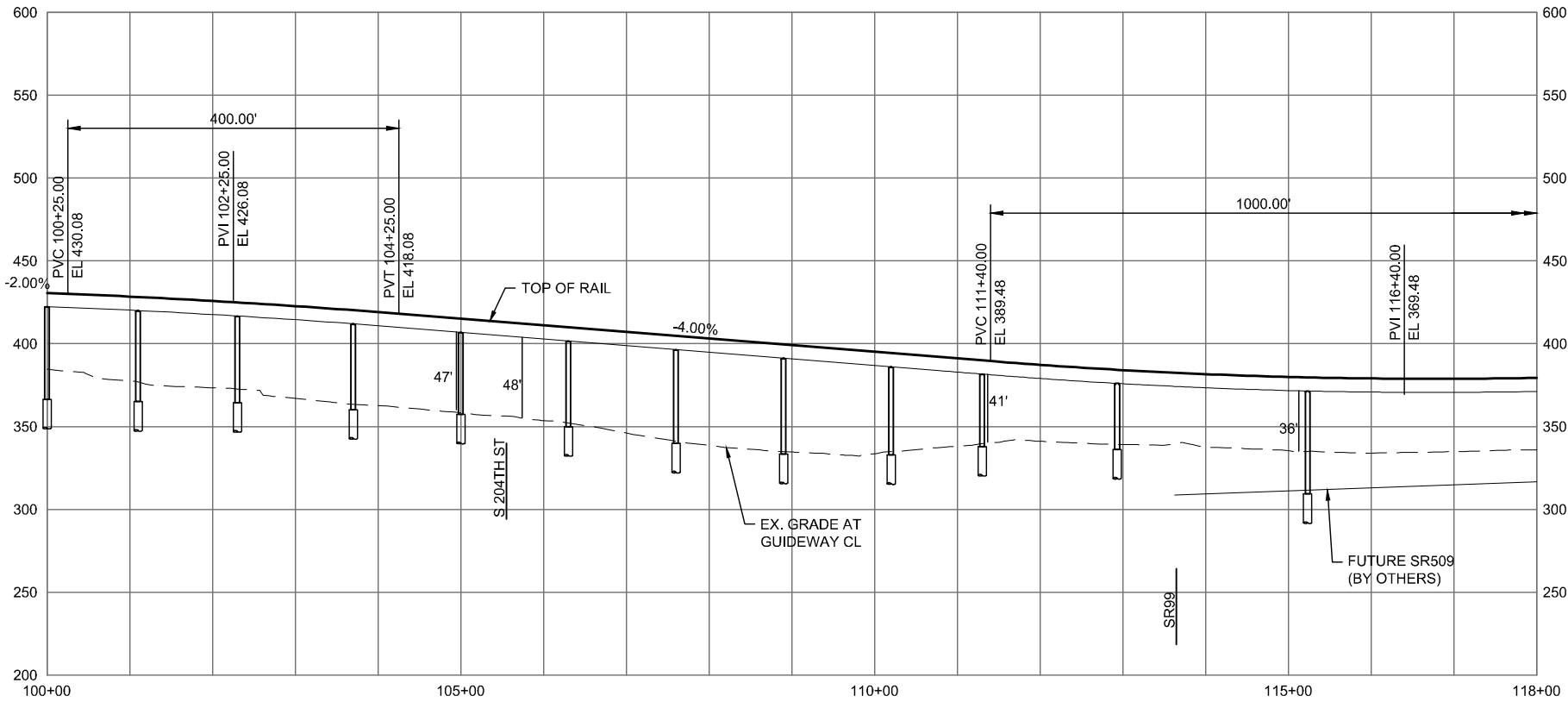
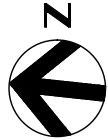
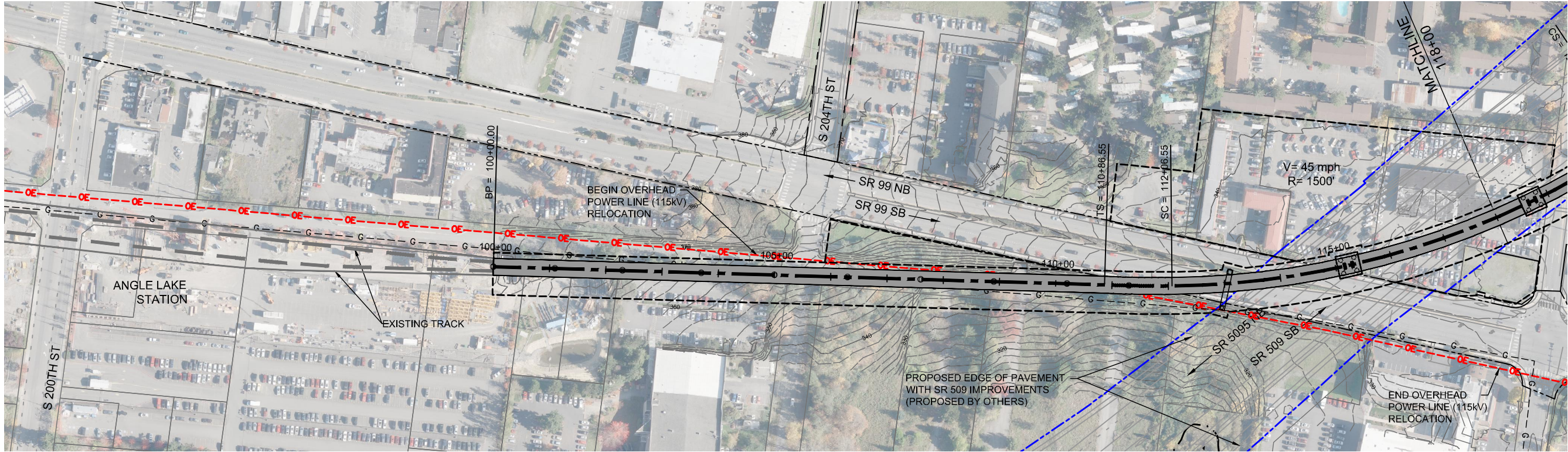
SOUND TRANSIT FEDERAL WAY LINK EXTENSION



I-5 SHEET LAYOUT MATRIX																	
	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17
A - I-5 ALTERNATIVE	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X		X
B - KENT/DES MOINES-AT-GRADE STATION OPTION					X	X	X										
C - KENT/DES MOINES SR 99 EAST STATION OPTION				X	X	X											
D - LANDFILL MEDIAN ALIGNMENT OPTION						X	X	X									
E - FEDERAL WAY I-5 STATION OPTION																	X
F - I-5 FEDERAL WAY S 320TH PARK-AND-RIDE STATION OPTION															X	X	



SOUND TRANSIT FEDERAL WAY LINK EXTENSION



DRAFT EIS - CONCEPTUAL DESIGN
TRACK PLAN & PROFILE AND ROADWAY RECONSTRUCTION
I-5 ALTERNATIVE
STA 100+00 TO STA 118+00

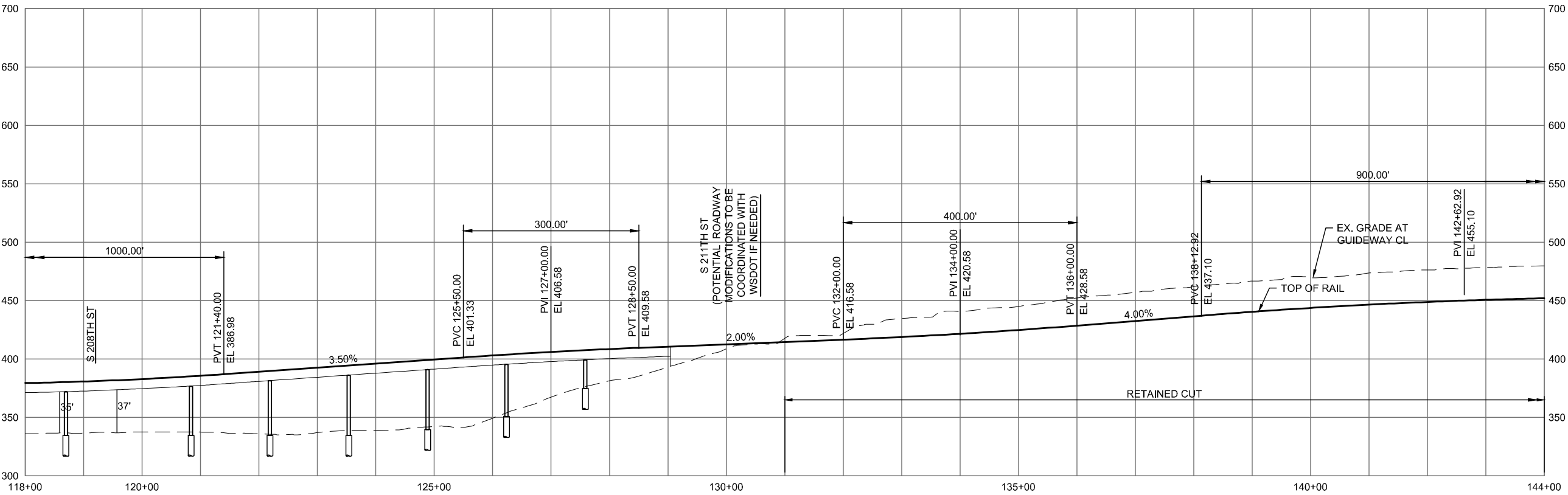
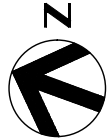
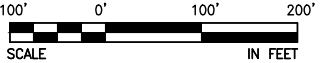
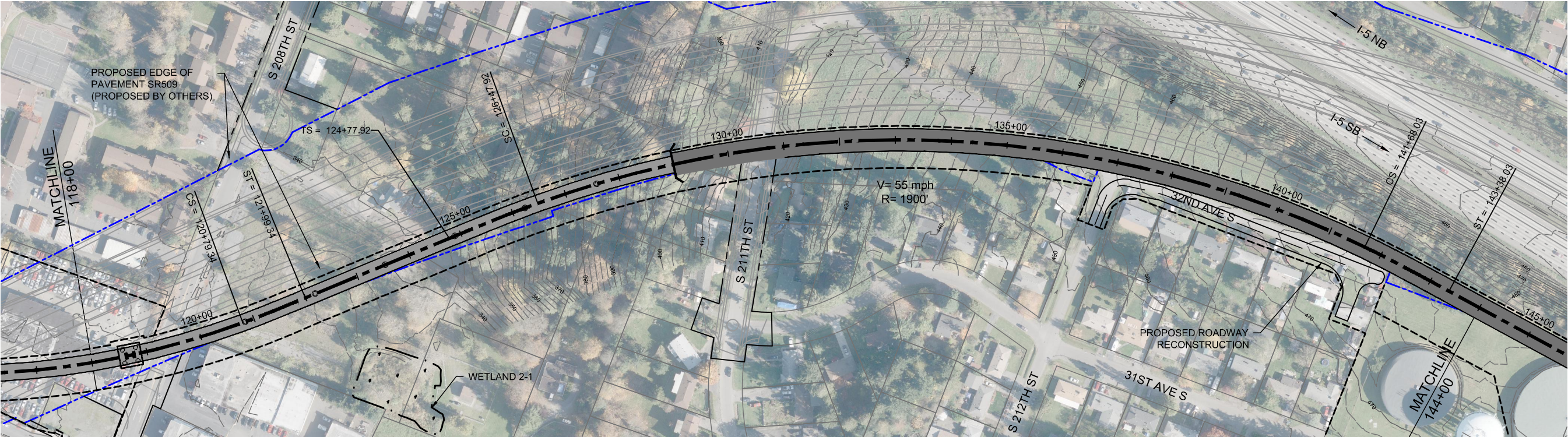
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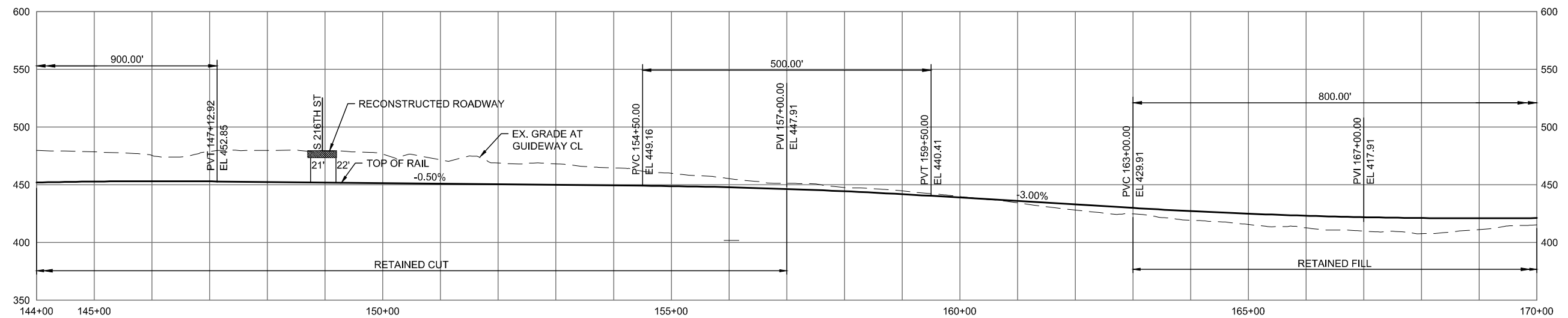
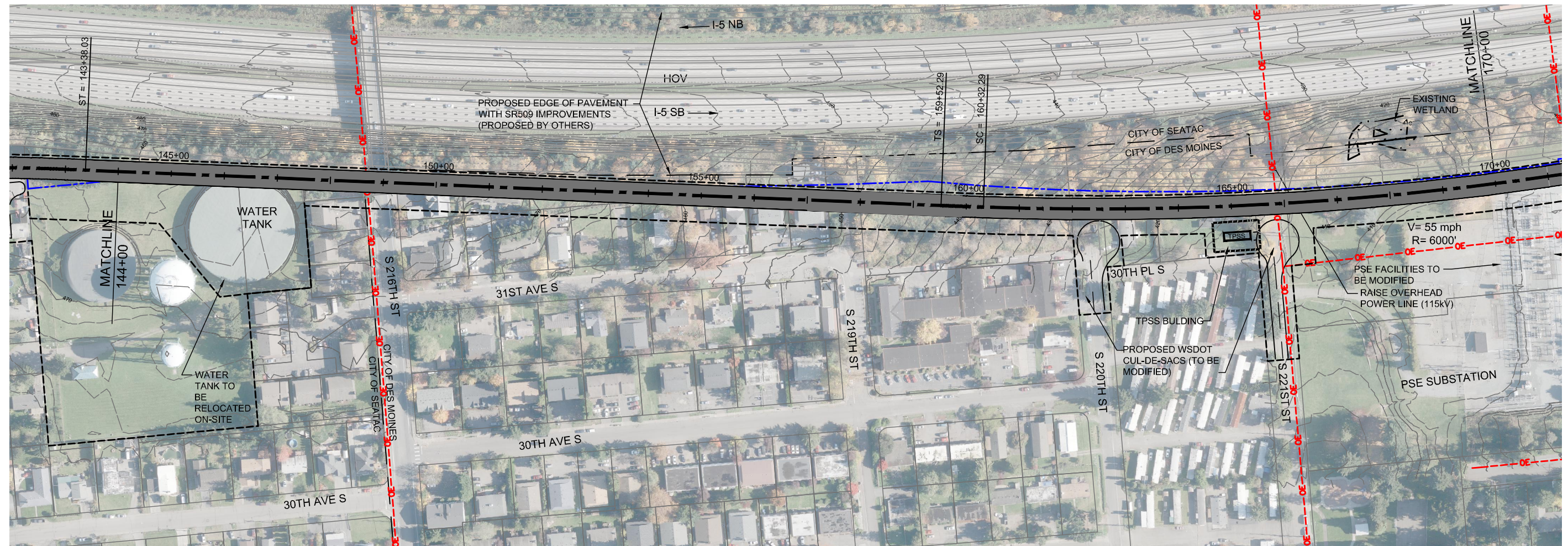


DRAFT EIS - CONCEPTUAL DESIGN
TRACK PLAN & PROFILE AND ROADWAY RECONSTRUCTION
I-5 ALTERNATIVE
STA 118+00 TO STA 144+00

APRIL 2015

I5-A2-PP02
98

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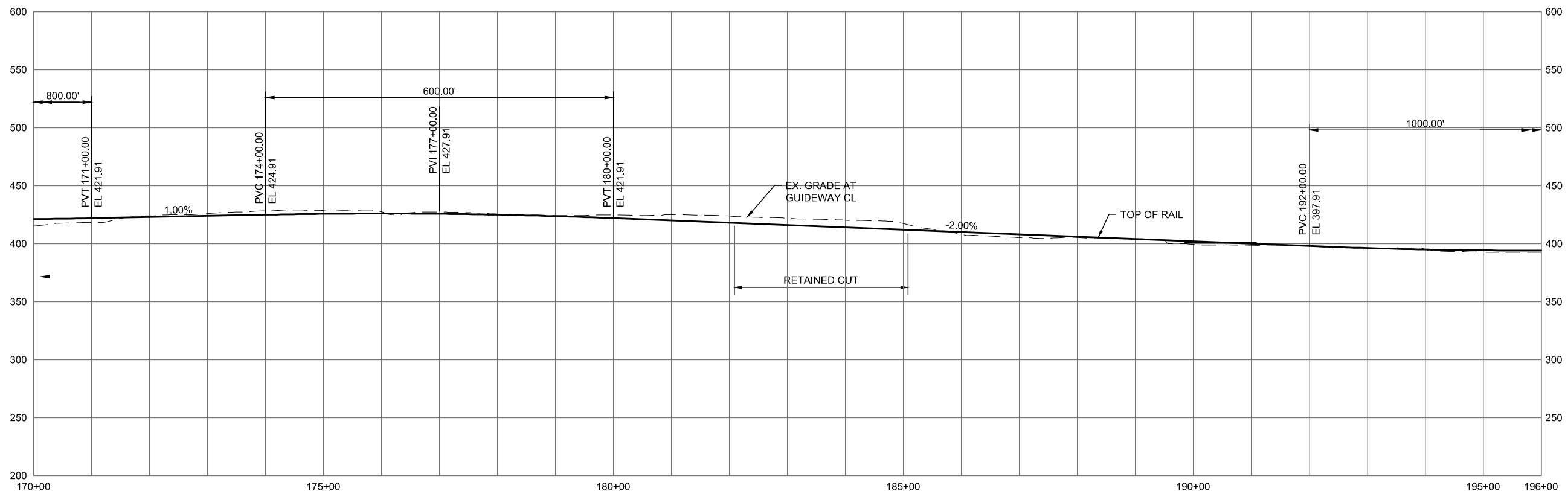
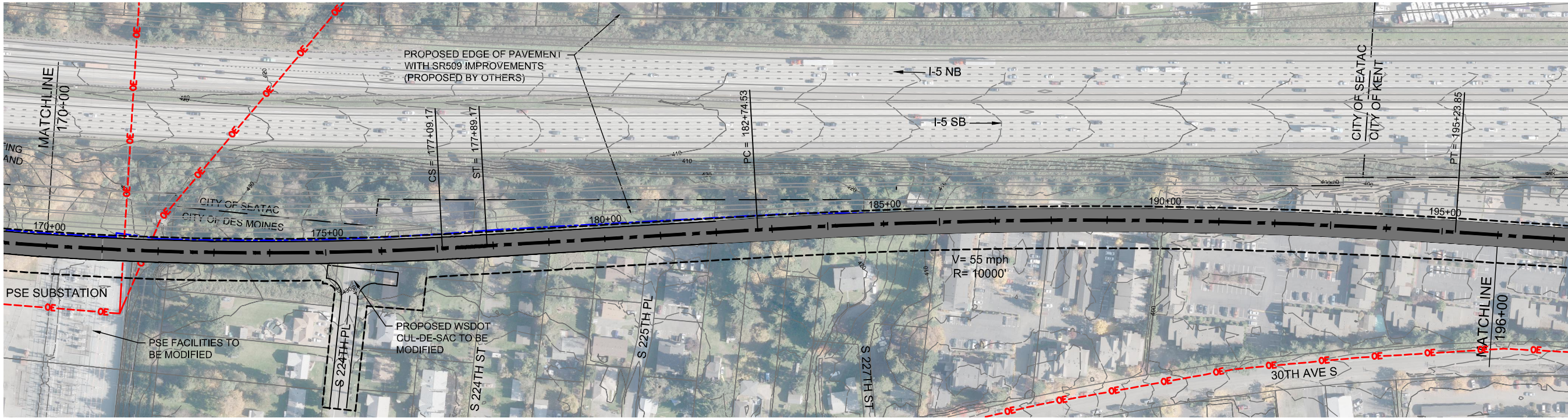


100' 0' 100' 200'

SCALE IN FEET



SOUND TRANSIT FEDERAL WAY LINK EXTENSION



DRAFT EIS - CONCEPTUAL DESIGN
TRACK PLAN & PROFILE AND ROADWAY RECONSTRUCTION
I-5 ALTERNATIVE
STA 170+00 TO STA 196+00

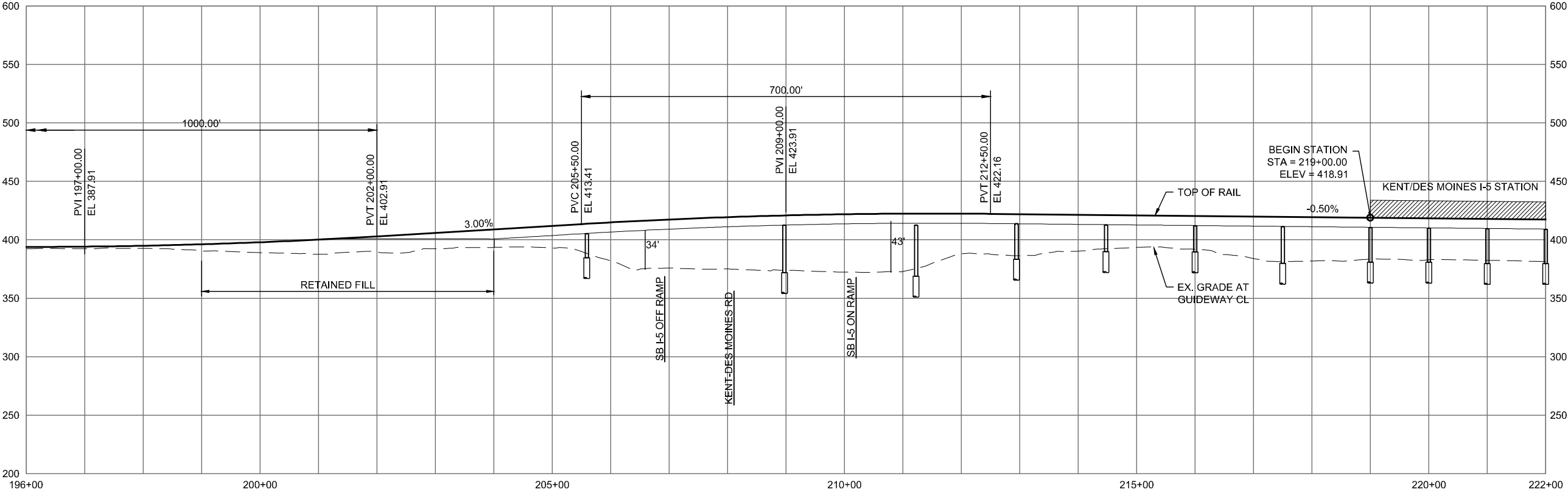
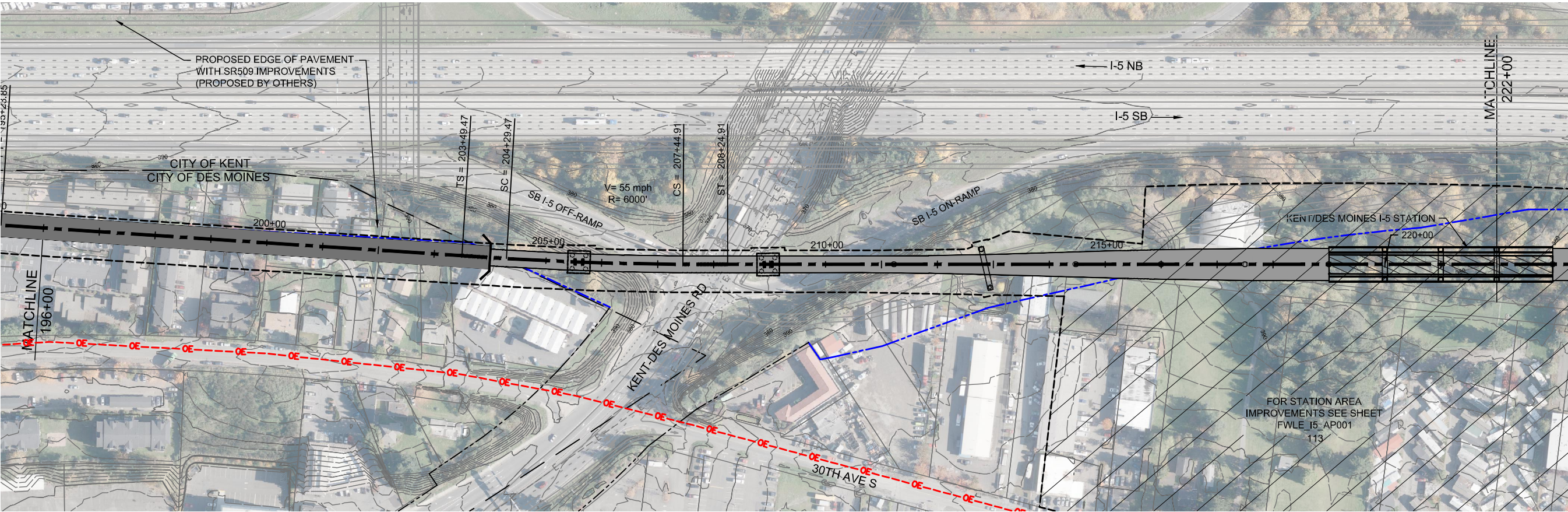


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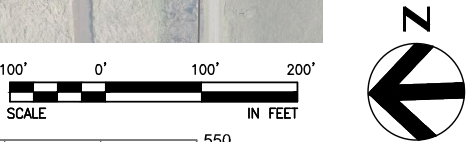
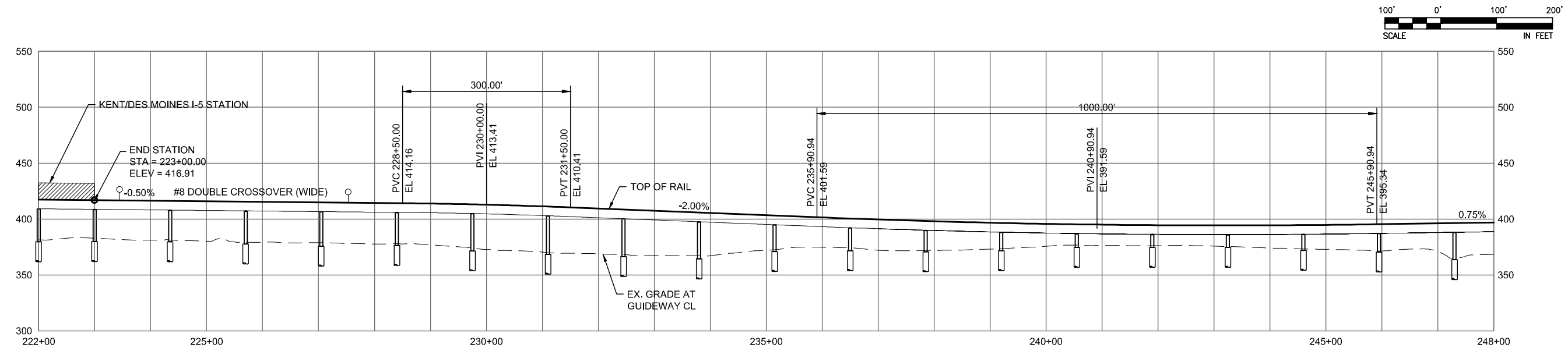
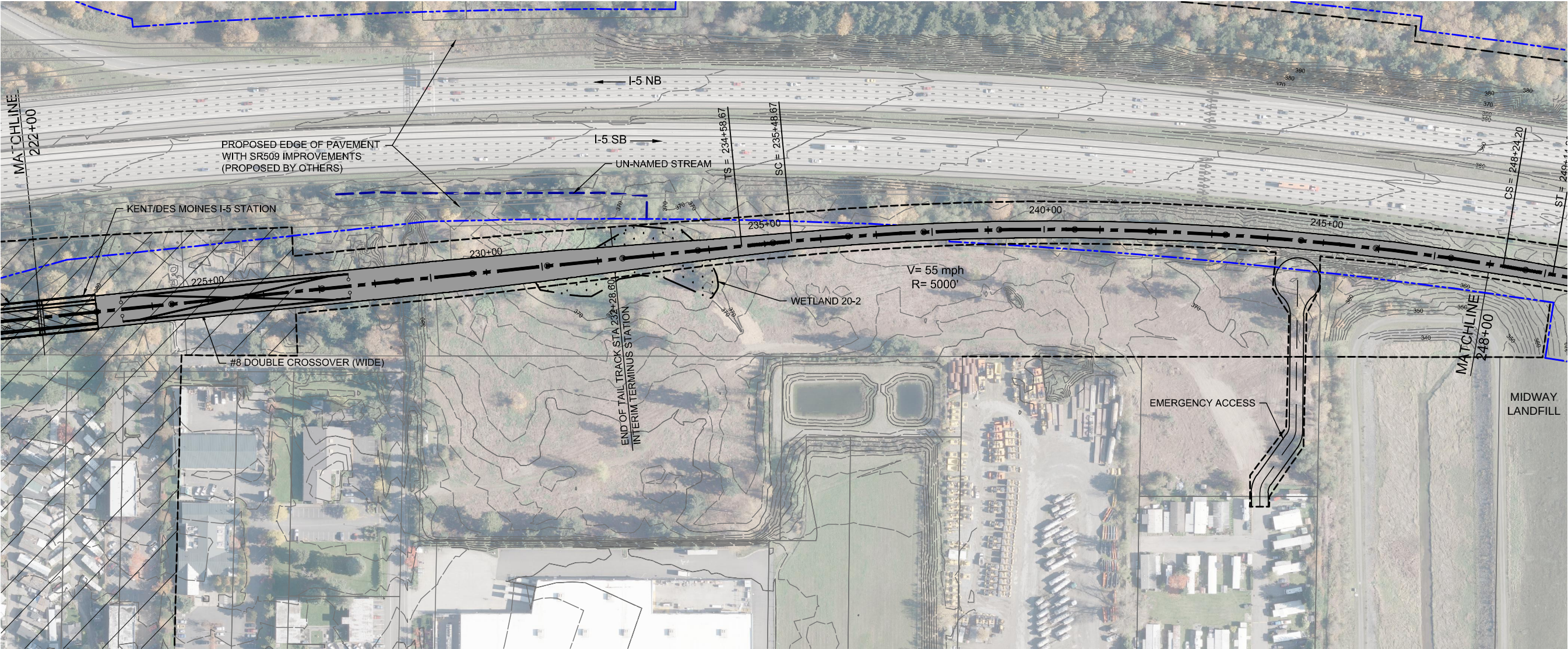
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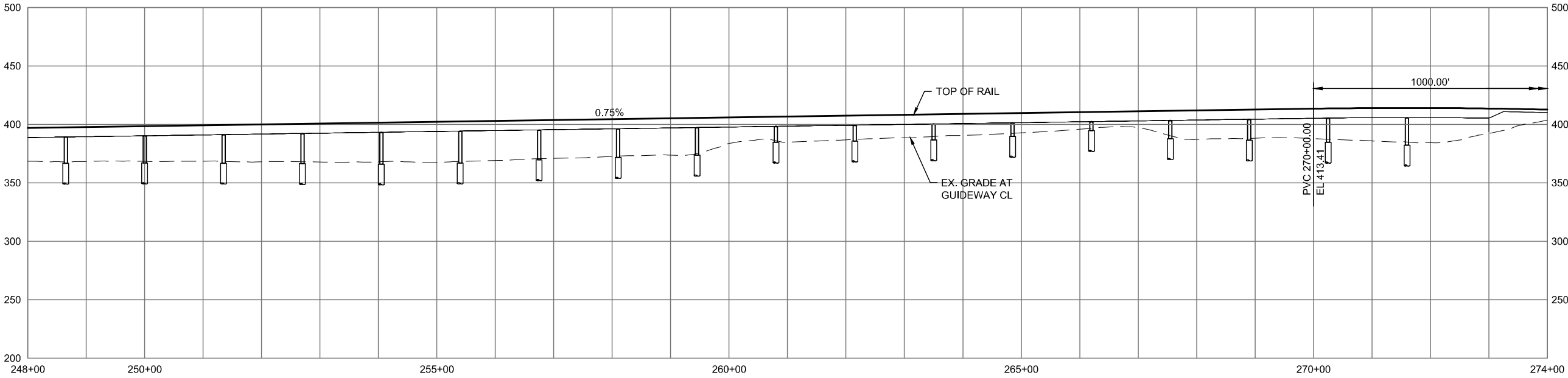
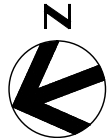
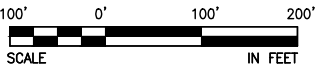
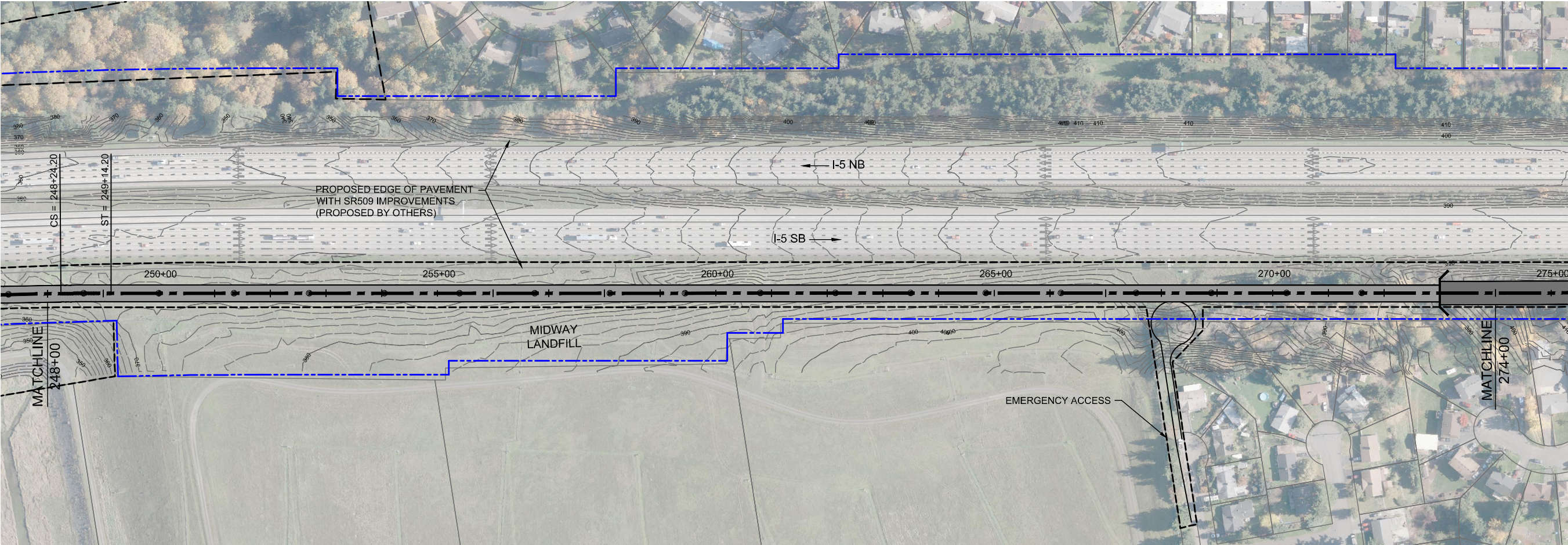
DRAFT EIS - CONCEPTUAL DESIGN
TRACK PLAN & PROFILE AND ROADWAY RECONSTRUCTION
I-5 ALTERNATIVE
STA 222+00 TO STA 248+00



APRIL 2015

I5-A6-PP06
102

SOUND TRANSIT FEDERAL WAY LINK EXTENSION



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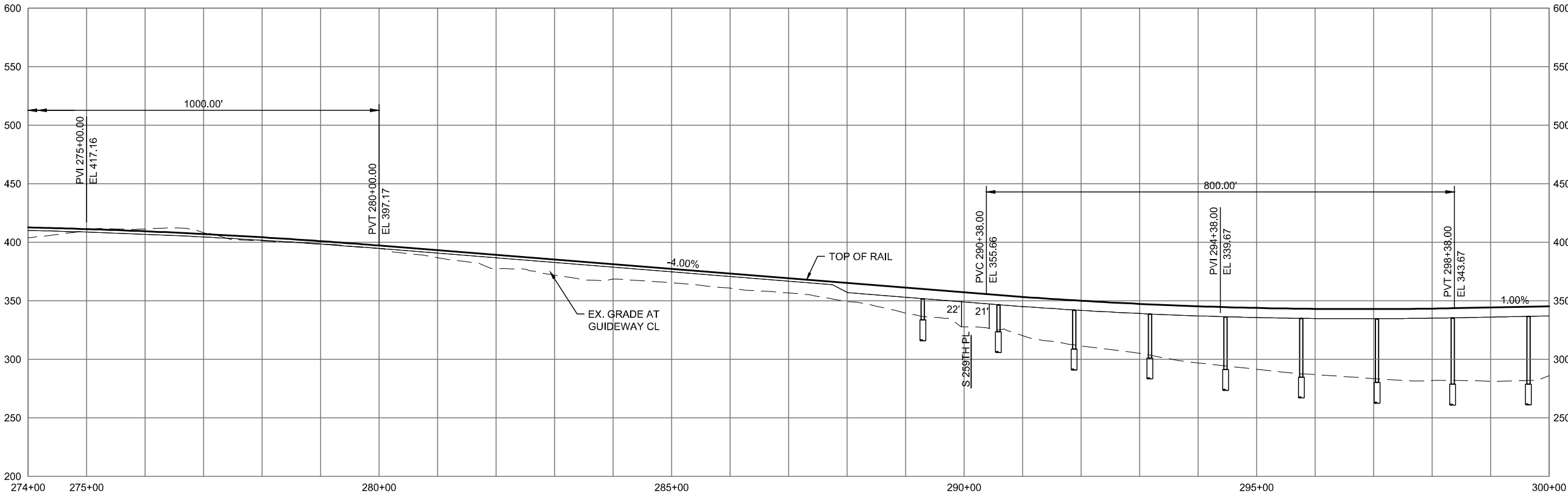
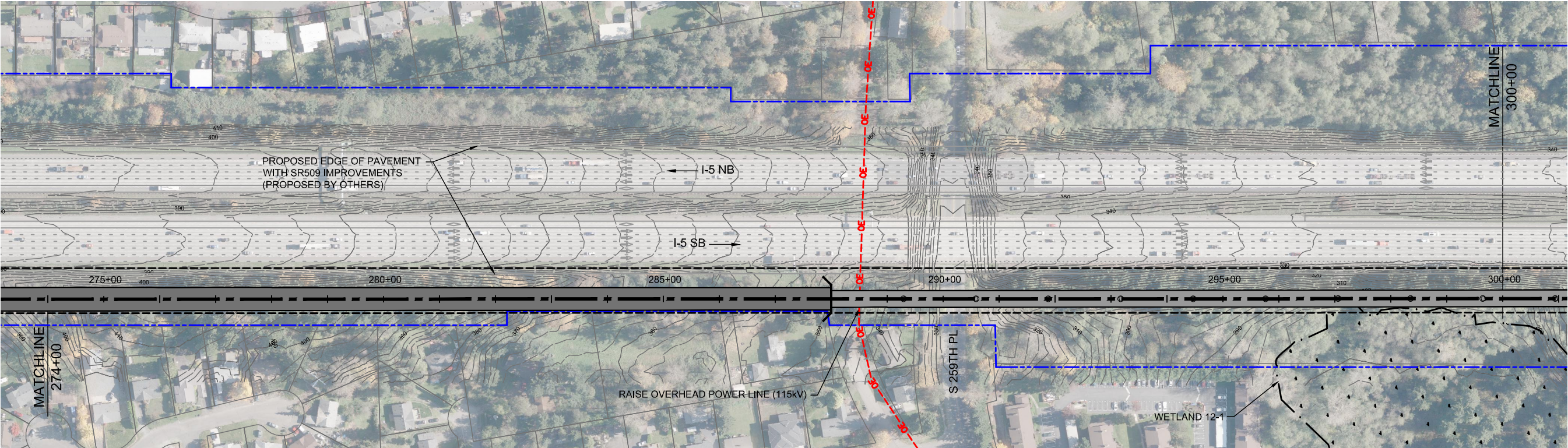


DRAFT EIS - CONCEPTUAL DESIGN
TRACK PLAN & PROFILE AND ROADWAY RECONSTRUCTION
I-5 ALTERNATIVE
STA 248+00 TO STA 274+00

APRIL 2015

I5-A7-PP07
103

SOUND TRANSIT FEDERAL WAY LINK EXTENSION



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DRAFT EIS - CONCEPTUAL DESIGN
TRACK PLAN & PROFILE AND ROADWAY RECONSTRUCTION
I-5 ALTERNATIVE
STA 274+00 TO STA 300+00

APRIL 2015

I5-A8-PP08
104