Federal Way Link Extension

Draft Environmental Impact Statement

CONCEPTUAL DESIGN DRAWINGS

Appendix F



Central Puget Sound Regional Transit Authority



U.S. Department of Transportation Federal Transit Administration

Appendix F Contents

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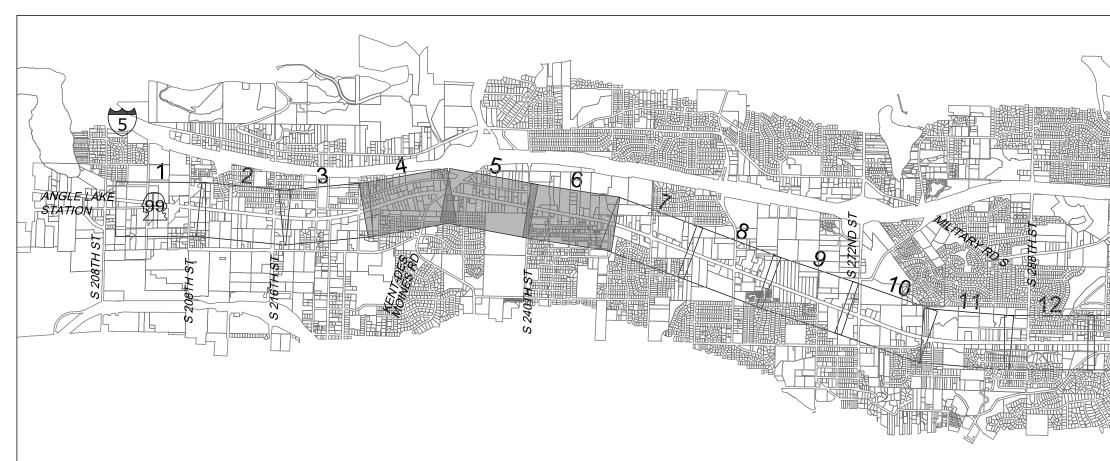
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DRAFT EIS - CONCEPTUAL DESIGN SR 99 ALTERNATIVE

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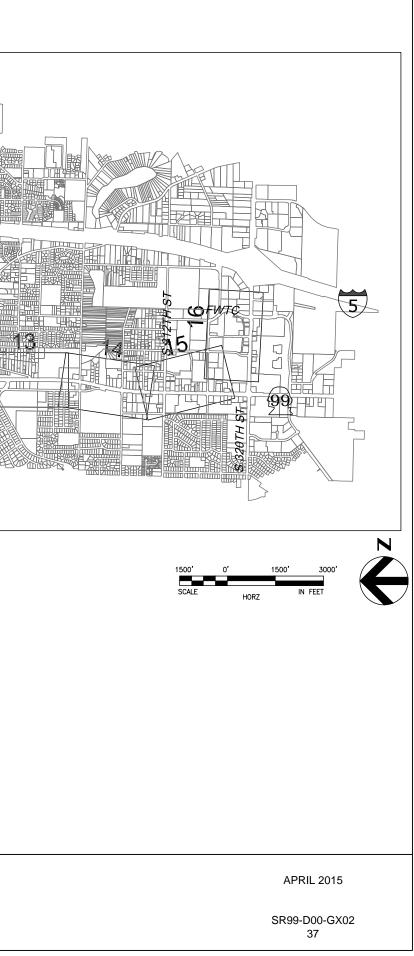


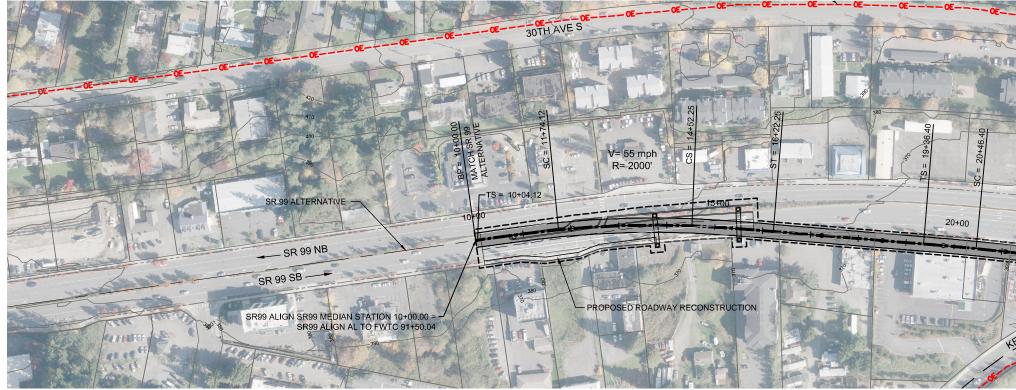
			SR99 SI	HEET LA	YOUT M	ATRIX										
	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16
A - SR 99 ALTERNATIVE	Х	x	x	x	x	х	Х	x	x	x	x	x	x	x	x	Х
B - S 216TH WEST STATION OPTION (POTENTIAL ADDITIONAL STATION)	х	x	x													
C - S 216TH EAST STATION OPTION (POTENTIAL ADDITIONAL STATION)		Х	х													
D - KENT/DES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

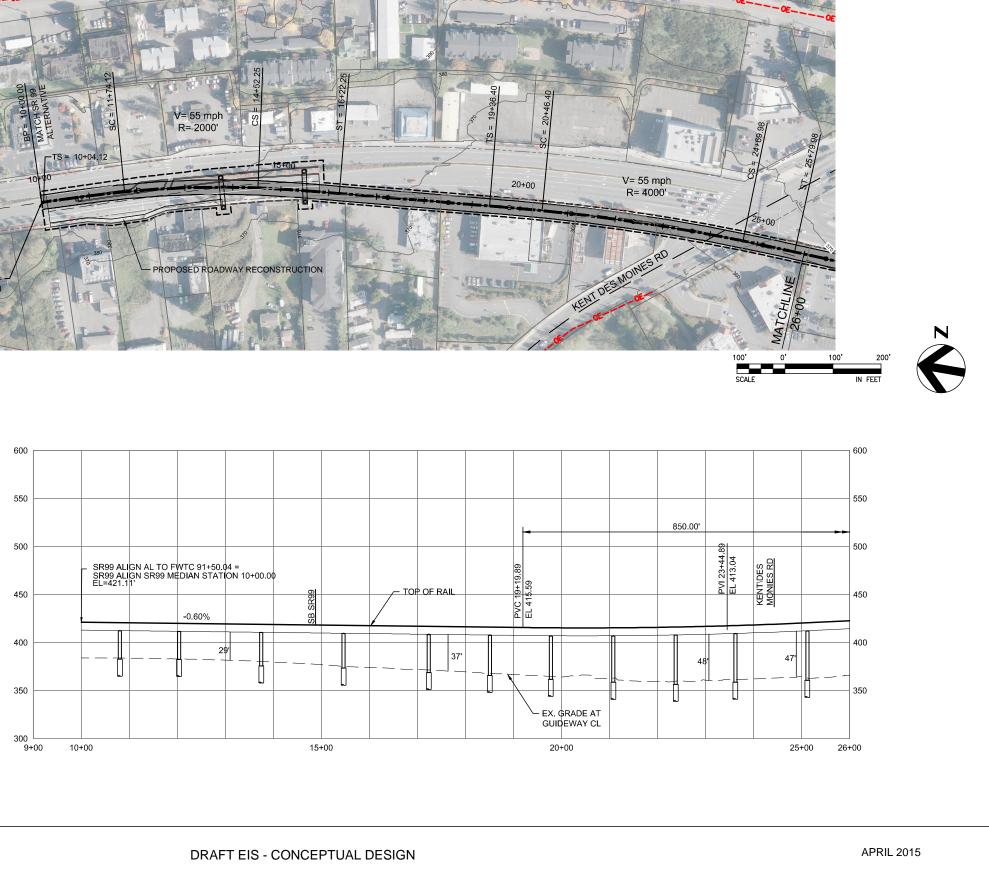
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DRAFT EIS - CONCEPTUAL DESIGN KENT / DES MOINES SR 99 MEDIAN STATION OPTION SHEET INDEX KEYMAP



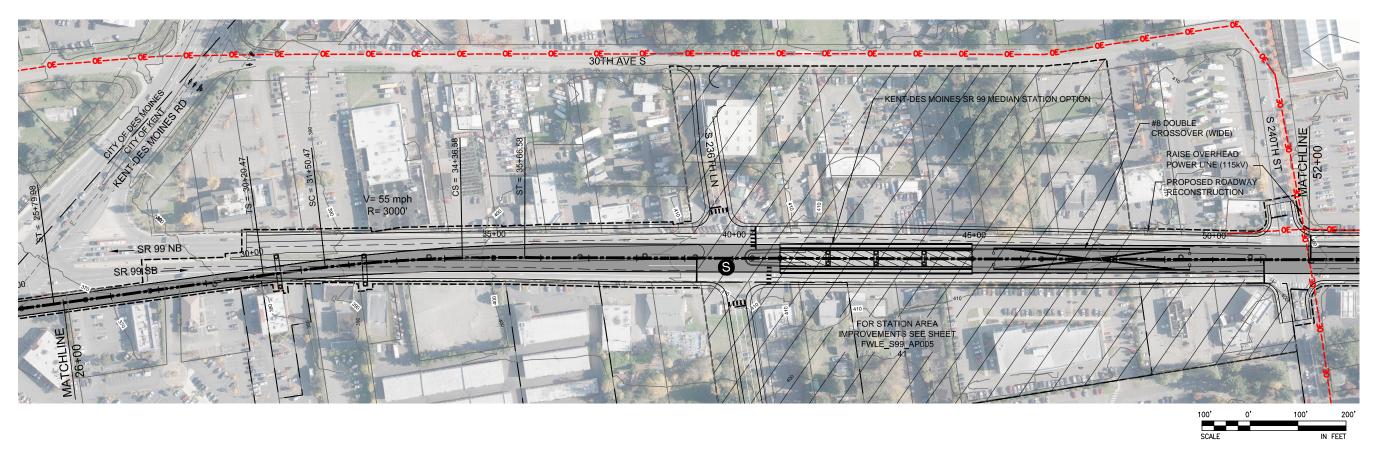


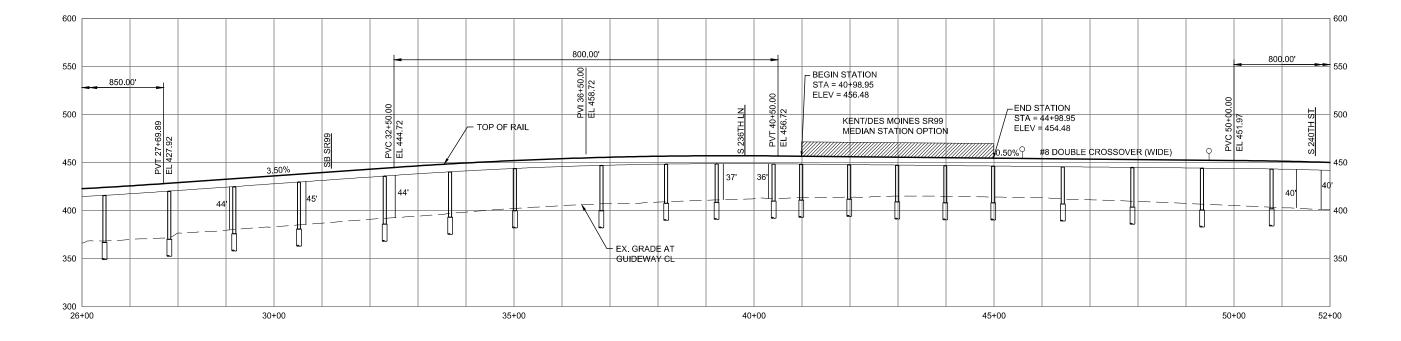


TRACK PLAN AND PROFILE KENT/DES MOINES SR 99 MEDIAN STATION OPTION STA 10+00 TO STA 26+00



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SOUNDTRANSIT

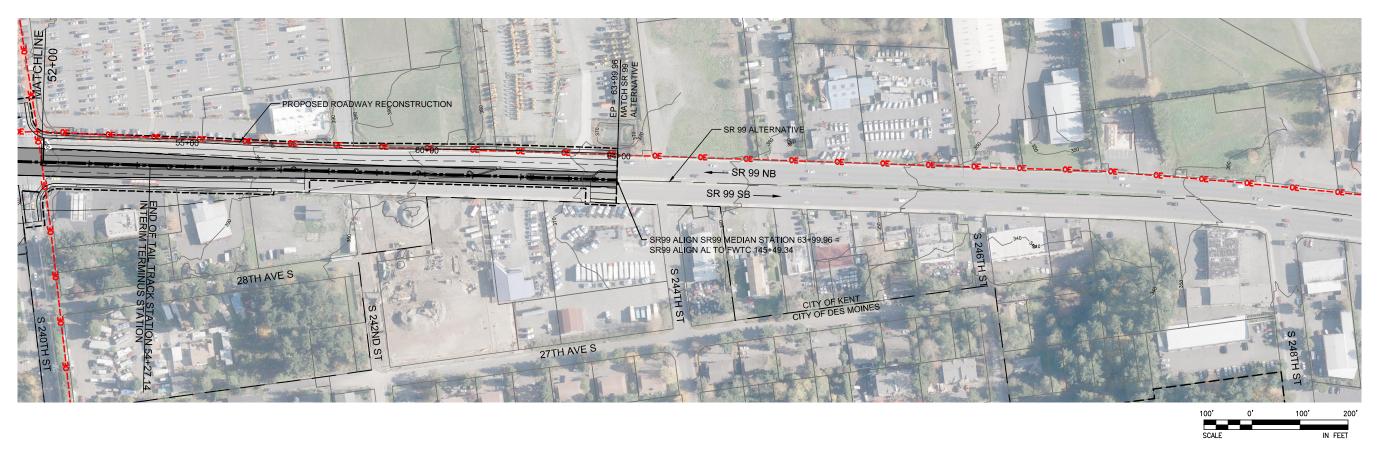
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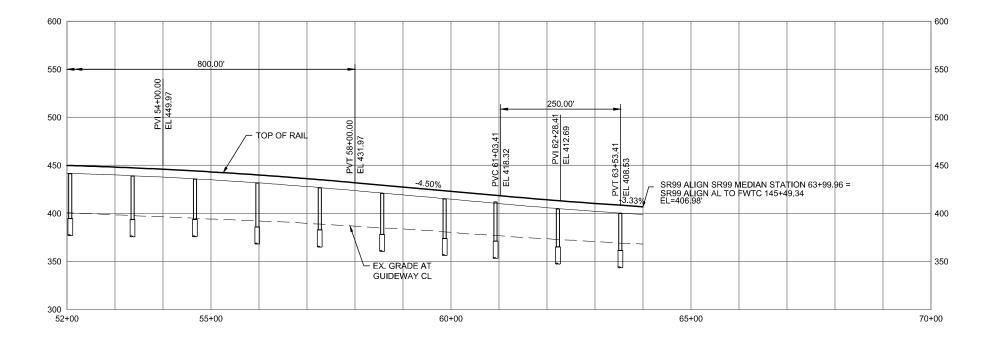
TRACK PLAN AND PROFILE KENT/DES MOINES SR 99 MEDIAN STATION OPTION STA 26+00 TO STA 52+00



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SoundTransit

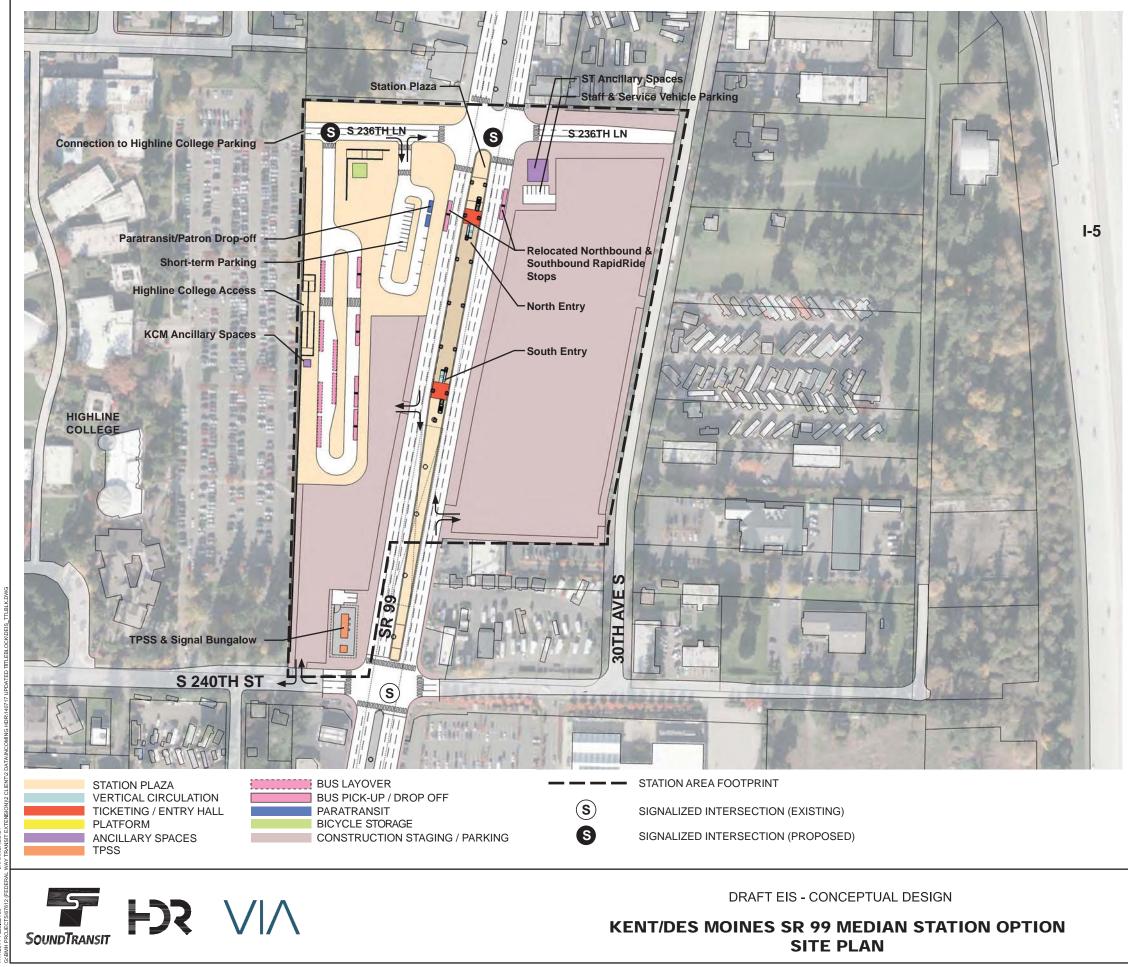
DRAFT EIS - CONCEPTUAL DESIGN

TRACK PLAN AND PROFILE KENT/DES MOINES SR 99 MEDIAN STATION OPTION STA 52+00 TO STA 63+99.96



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ASSUMPTIONS	
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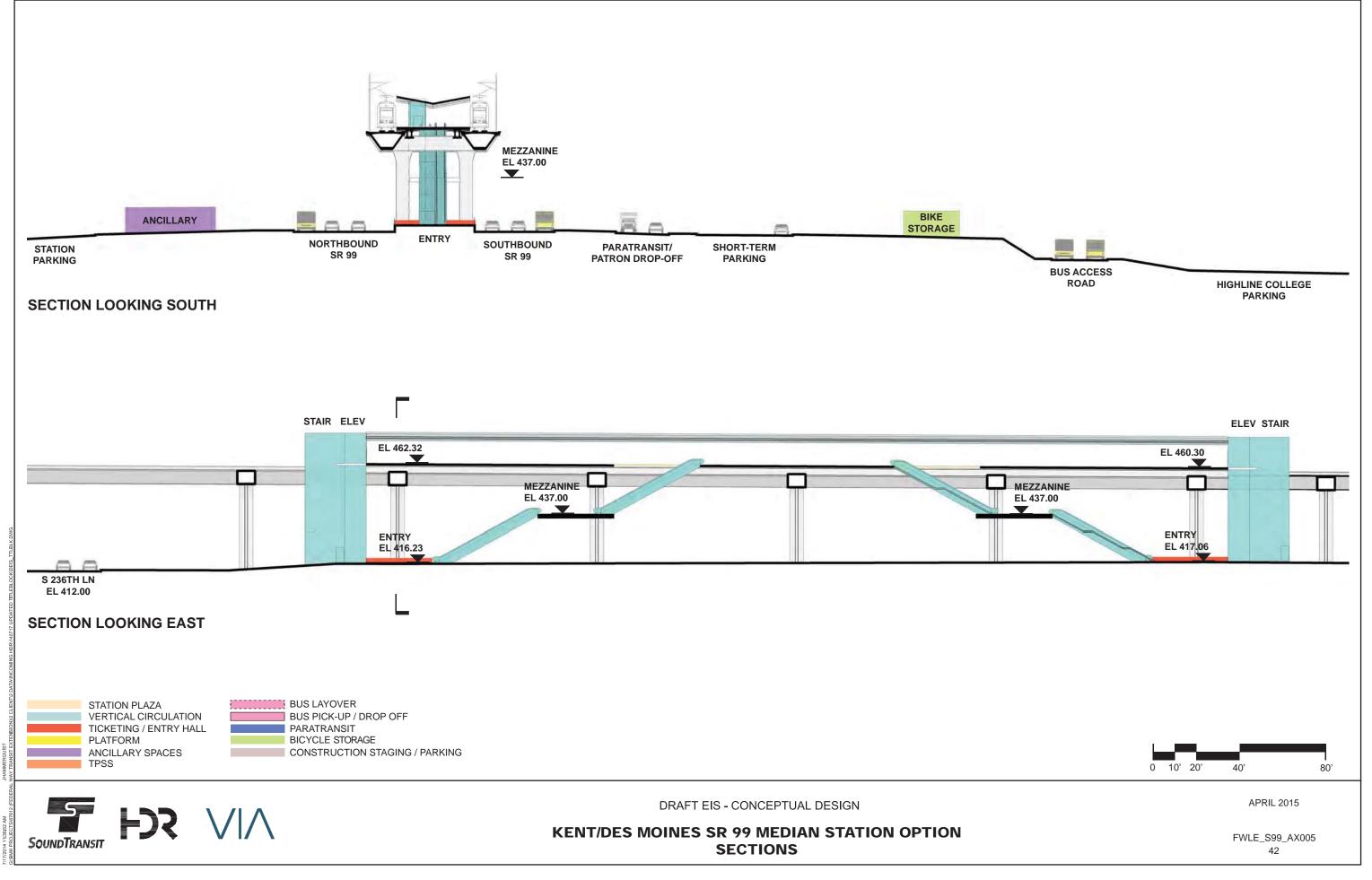
Kent/Des Moines SR 99 Median S	
Alternative(s):	SR 99
Boardings	3,000
Boardings (with 216th Station)	2,500
Boardings (interim terminus)	4,500
Station Configuration	
Terminus / In-Line	Interim Terminus
Station Type	Center Platform - Elevated
Platform Width	34'
Tail track	900'
Crossover	Yes
TPSS	Yes
Program	
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	4
# of staircases (patron)	4
# of elevators	2
# of emergency stairs	2
in or energency stans	
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	1 permanent, 1 interim
Communications Facility	Tier 2
Parking & Amenities	
Bike storage	900 SF
Patron drop-off	6 spaces
Short-term parking	7 to 10 spaces
Staff parking	4 spaces
Service/emer. 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
rotar proposed patron parking	1000 Spaces

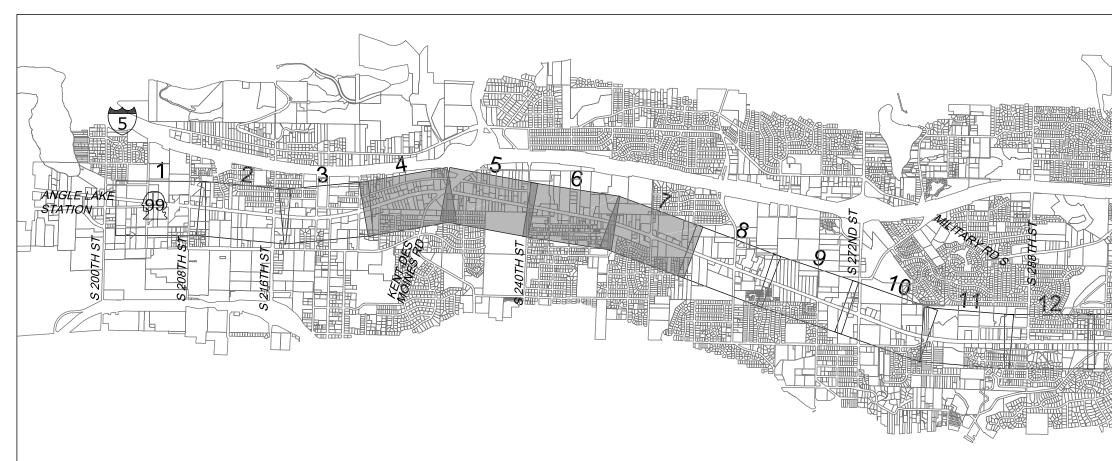
*Only required for interim terminus condition



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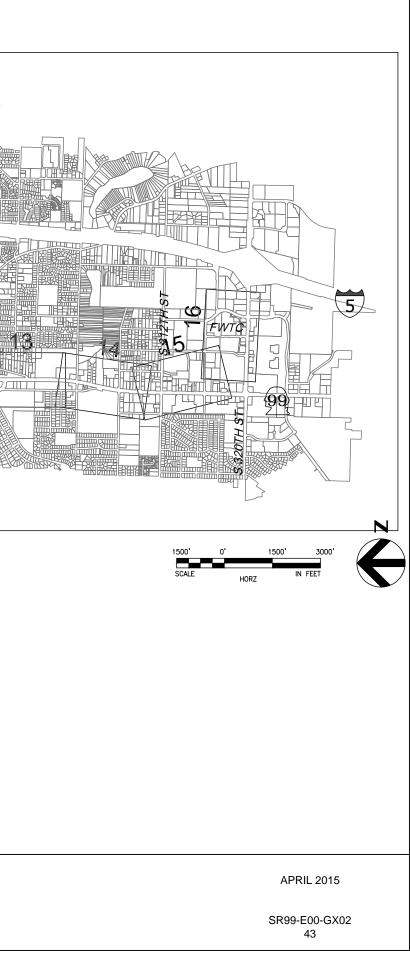


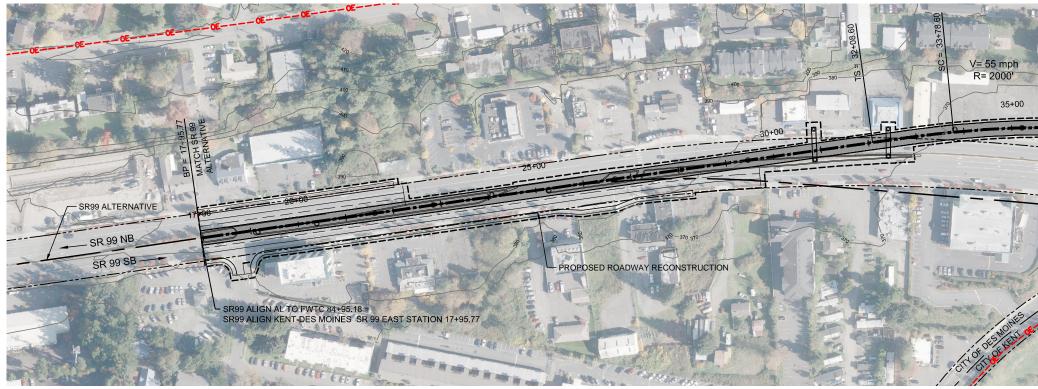


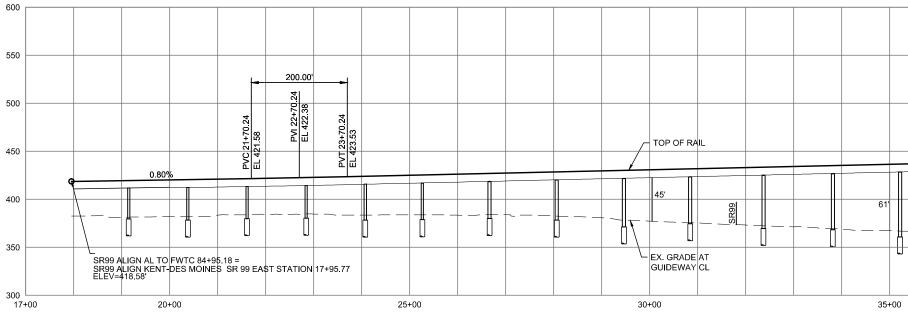
			SR99 SI	HEET LA	YOUT M	ATRIX										
	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16
A - SR 99 ALTERNATIVE	х	х	x	x	x	x	х	х	x	x	x	х	x	x	x	Х
B - S 216TH WEST STATION OPTION (POTENTIAL ADDITIONAL STATION)	х	x	x													
C - S 216TH EAST STATION OPTION (POTENTIAL ADDITIONAL STATION)		х	х													
D - KENT/DES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



DRAFT EIS - CONCEPTUAL DESIGN KENT / DES MOINES SR 99 EAST STATION OPTION SHEET INDEX KEYMAP



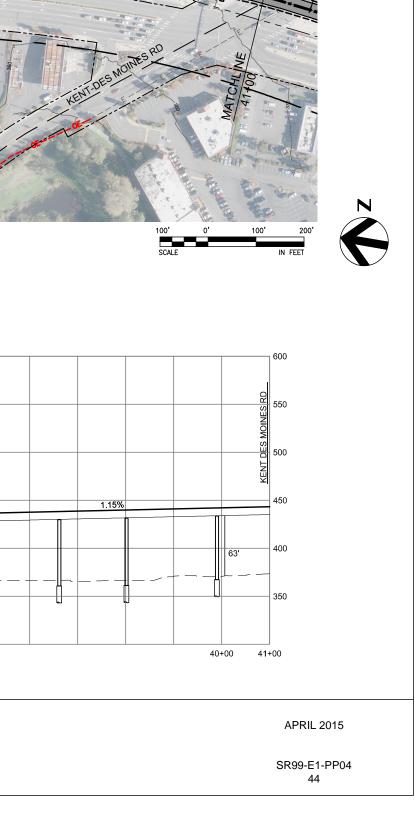


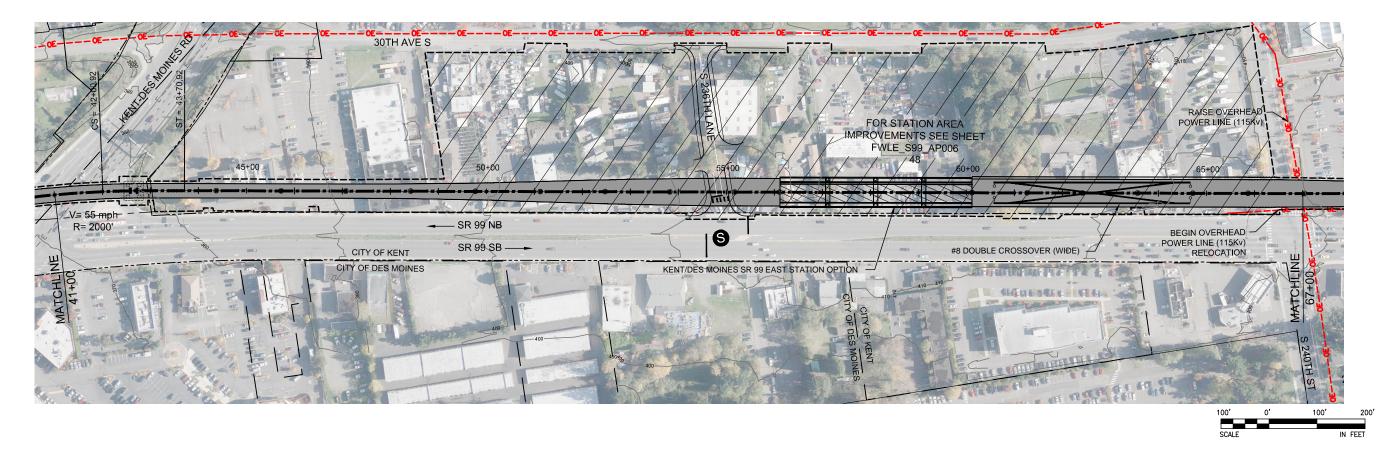


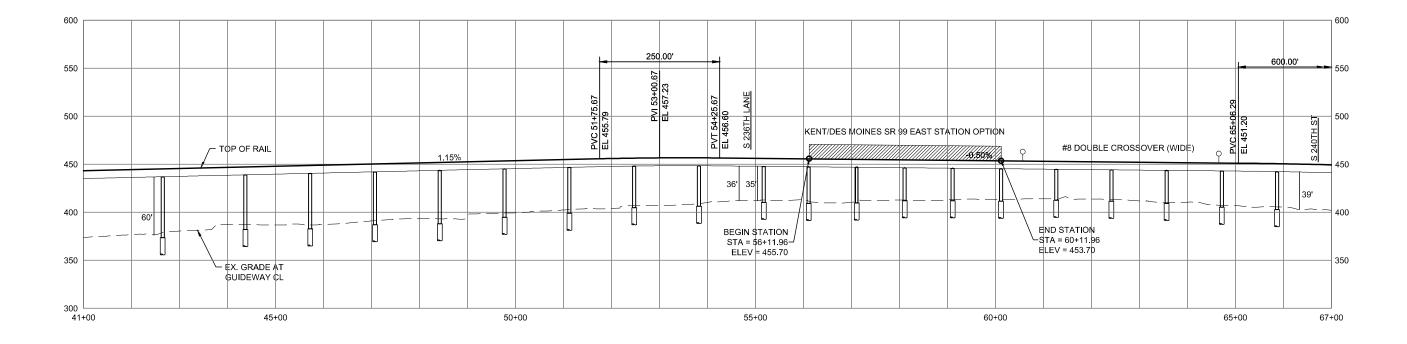


DRAFT EIS - CONCEPTUAL DESIGN

TRACK PLAN & PROFILE AND ROADWAY RECONSTRUCTION KENT/DES MOINES SR 99 EAST STATION OPTION STA 17+95.77 TO STA 41+00









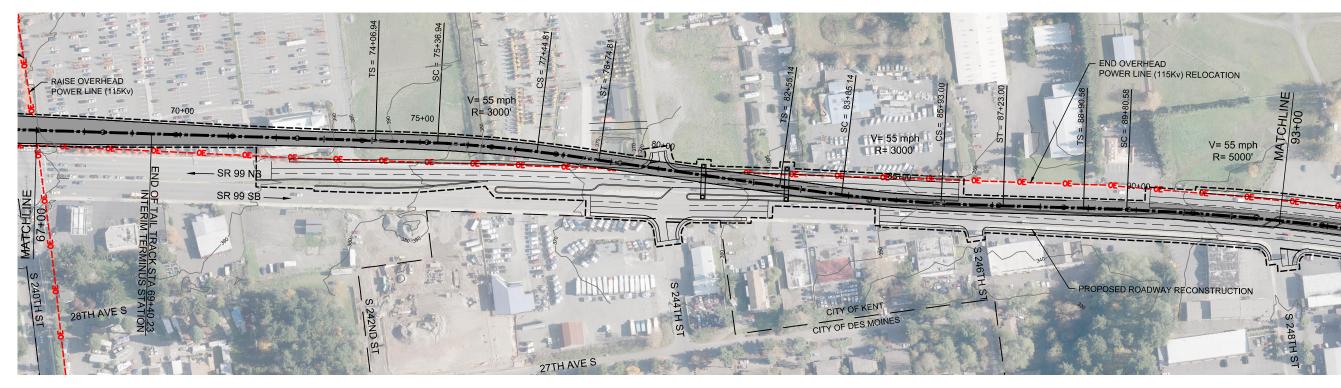
DRAFT EIS - CONCEPTUAL DESIGN TRACK PLAN & PROFILE AND ROADWAY RECONSTRUCTION

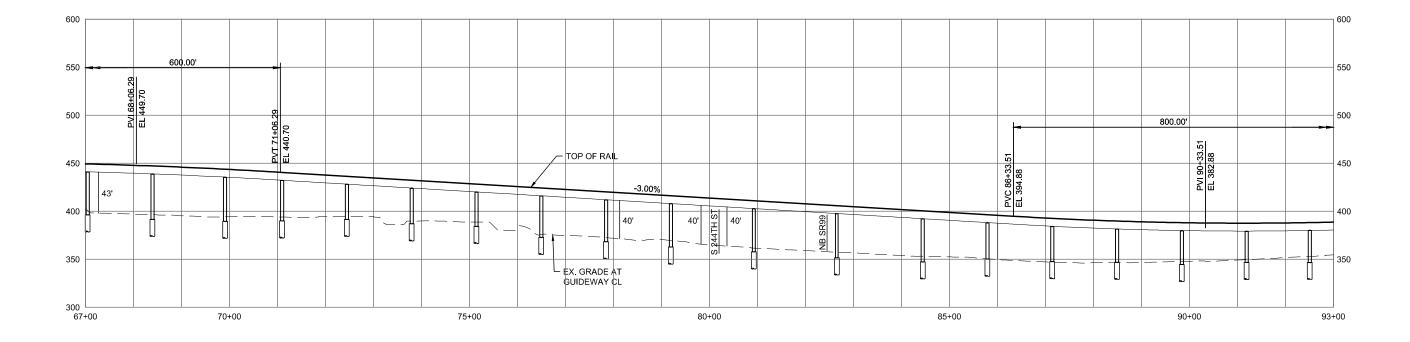
KENT/DES MOINES SR 99 EAST STATION OPTION STA 41+00 TO STA 67+00



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TRACK PLAN & PROFILE AND ROADWAY RECONSTRUCTION KENT/DES MOINES SR 99 EAST STATION OPTION STA 67+00 TO STA 93+00

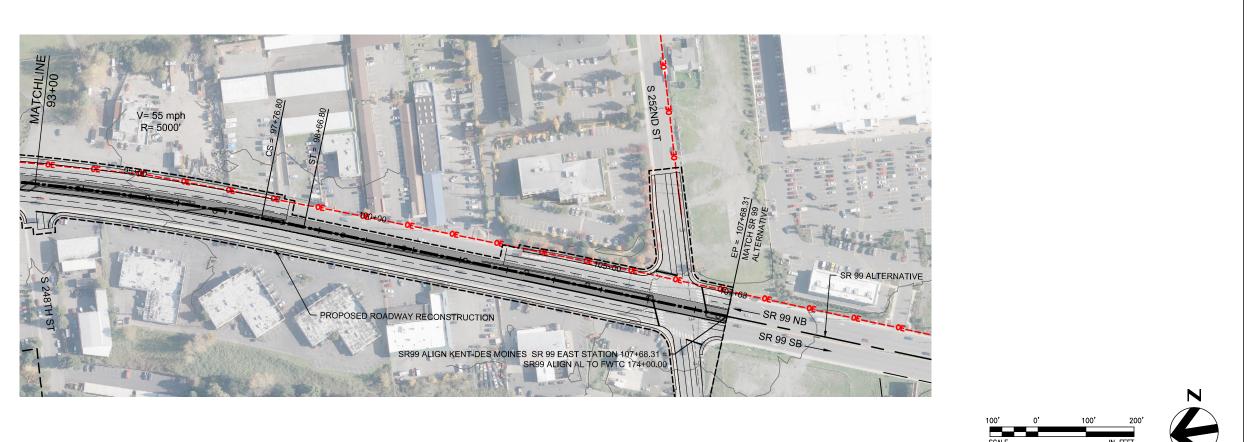
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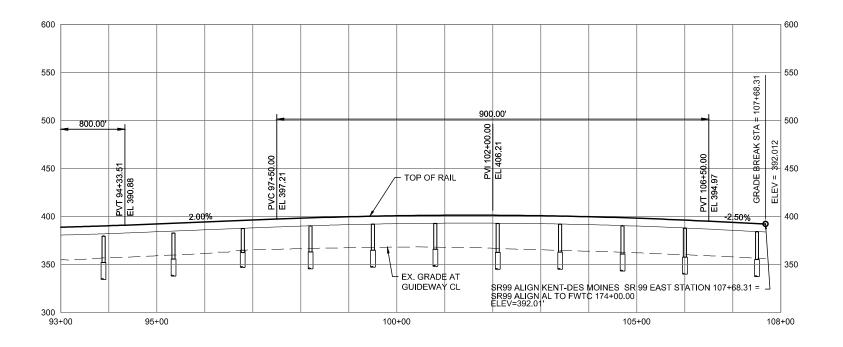


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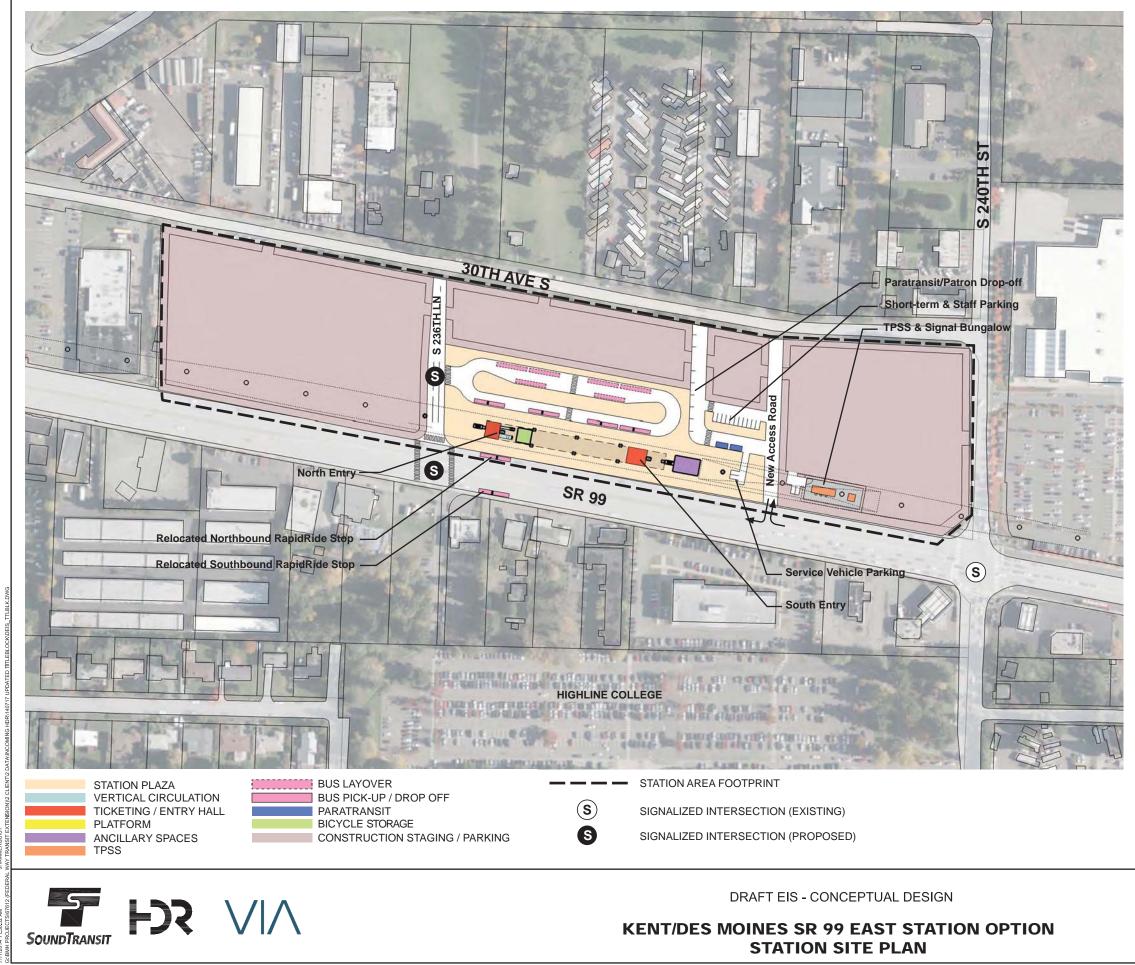


DRAFT EIS - CONCEPTUAL DESIGN

TRACK PLAN & PROFILE AND ROADWAY RECONSTRUCTION KENT/DES MOINES SR 99 EAST STATION OPTION STA 93+00 TO STA 107+68.31

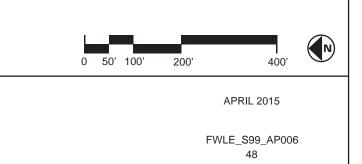


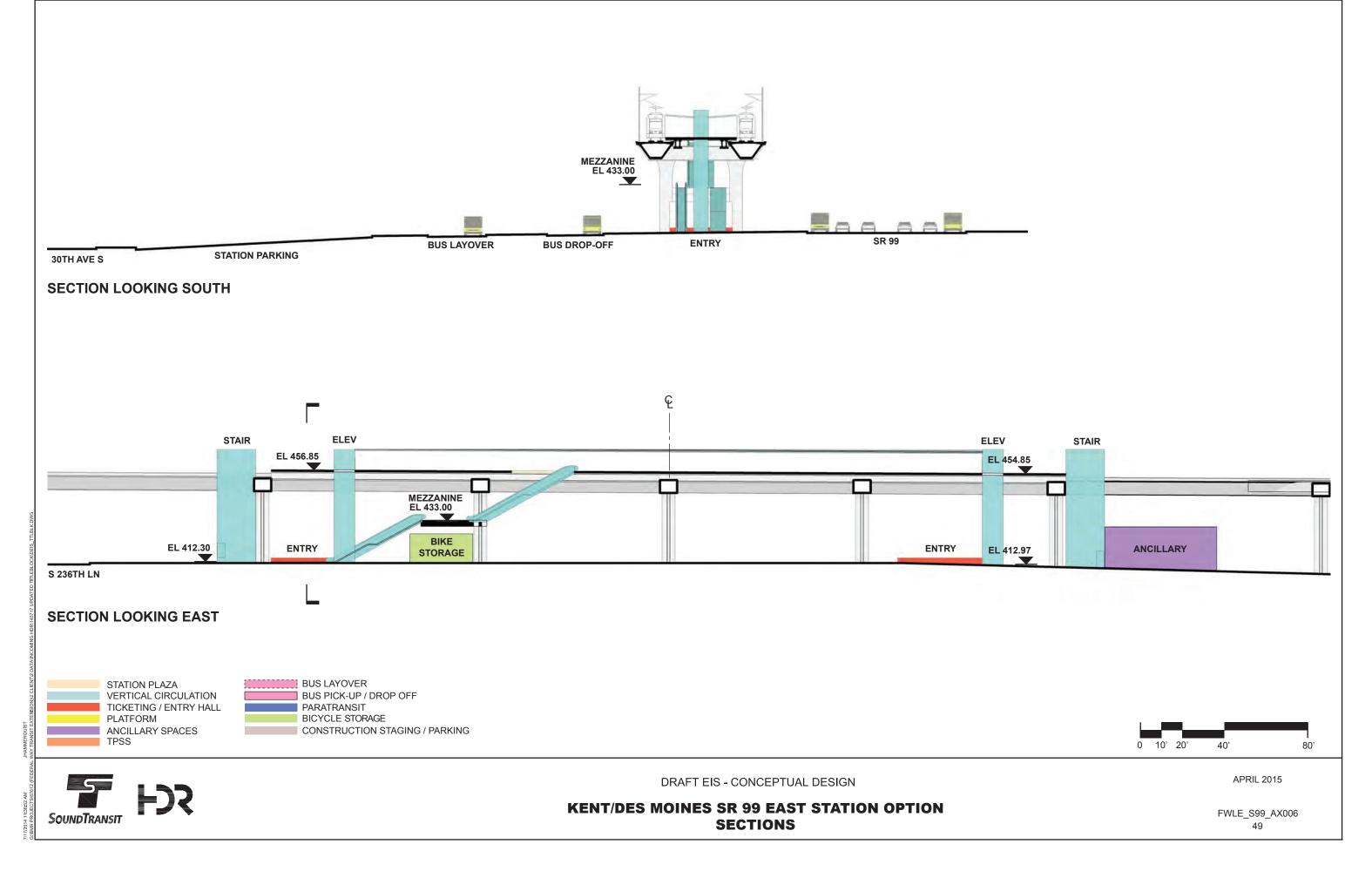
SR99-E4-PP07 47

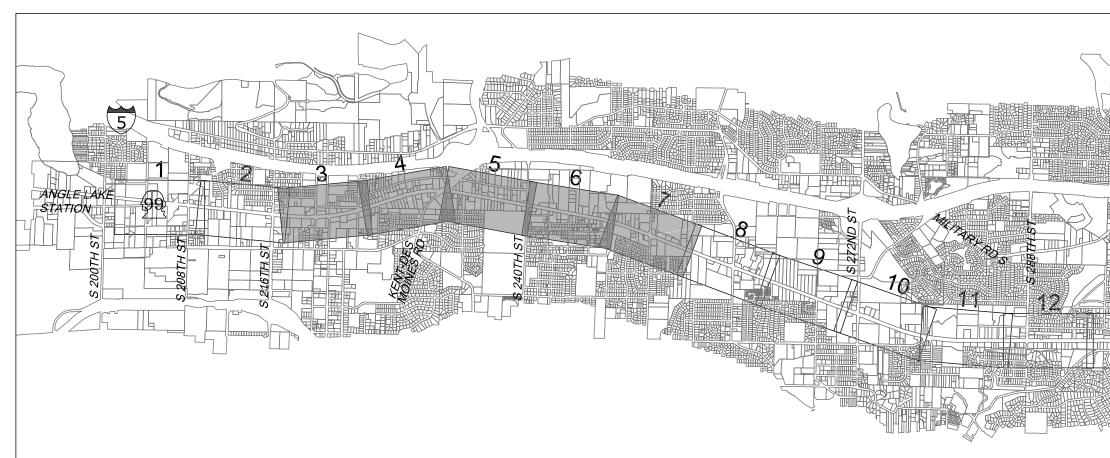


ASSUMPTIONS:	
Kent/Des Moines SR 99 East Statio	on Option
Alternative(s):	SR 99; I-5
Boardings	3,000
Boardings (with 216th Station)	2,500
Boardings (interim terminus)	4,500
Station Configuration	
Terminus / In-Line	Interim Terminus
Station Type	Center Platform - Elevated
Platform Width	34'
Tail track	900'
Crossover	Yes
TPSS	Yes
1522	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	2
# of staircases (patron)	2
# 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 Tier 2
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/emer. 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





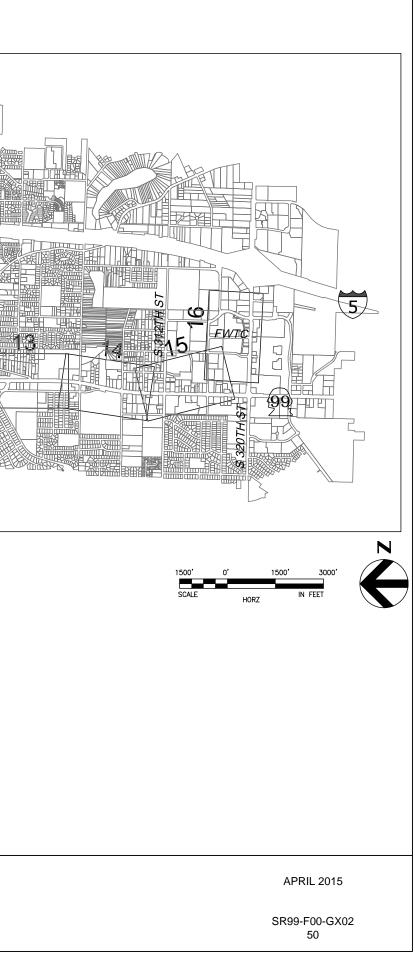


			SR99 SH	HEET LA	YOUT M	ATRIX										
	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16
A - SR 99 ALTERNATIVE	x	х	x	x	x	x	x	х	x	x	х	х	х	x	х	x
B - S 216TH WEST STATION OPTION (POTENTIAL ADDITIONAL STATION)	x	x	x													
C - S 216TH EAST STATION OPTION (POTENTIAL ADDITIONAL STATION)		х	х													
D - KENT/DES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

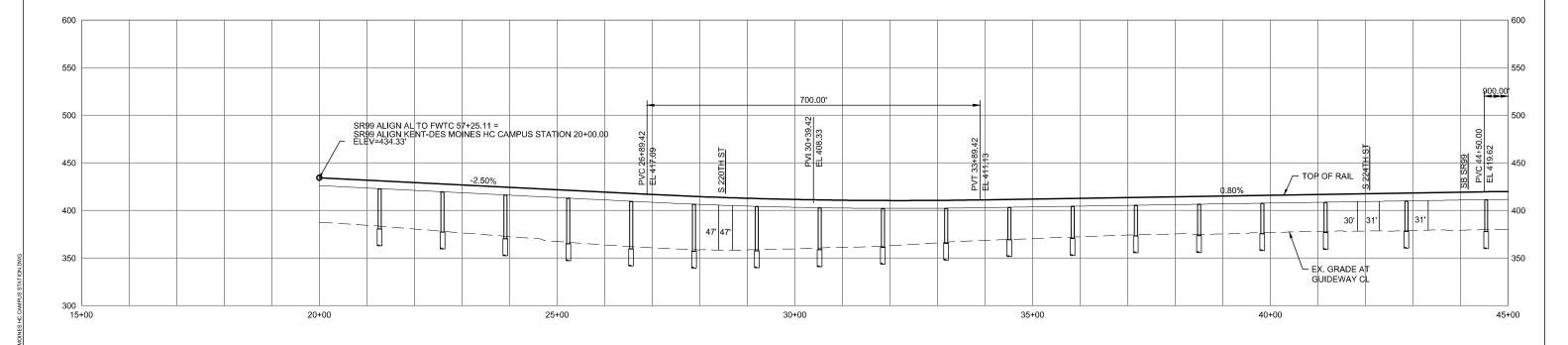
I - NOT USED



DRAFT EIS - CONCEPTUAL DESIGN KENT / DES MOINES HC CAMPUS STATION OPTION SHEET INDEX KEYMAP







TRACK PLAN & PROFILE AND ROADWAY RECONSTRUCTION KENT/DES MOINES HC CAMPUS STATION OPTION STA 20+00 TO STA 45+00

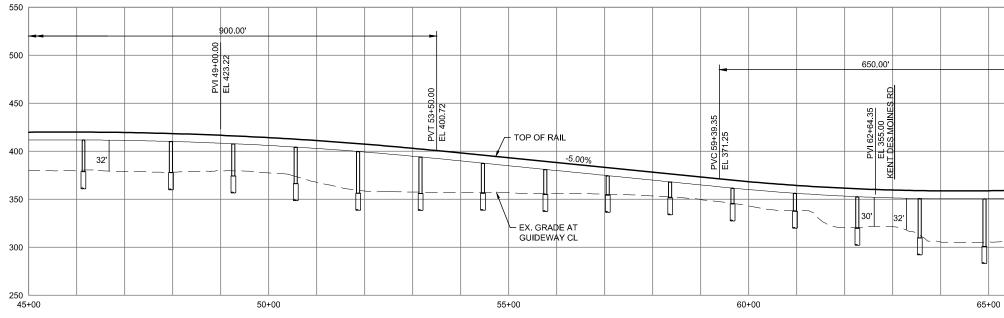
DRAFT EIS - CONCEPTUAL DESIGN

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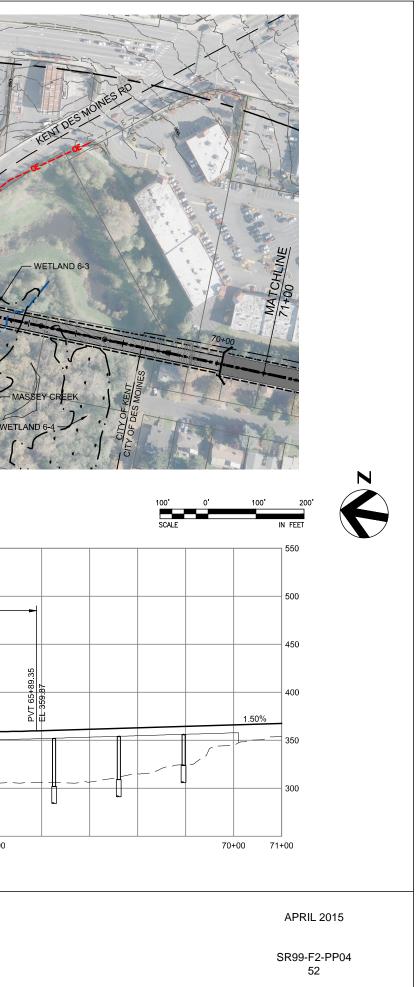


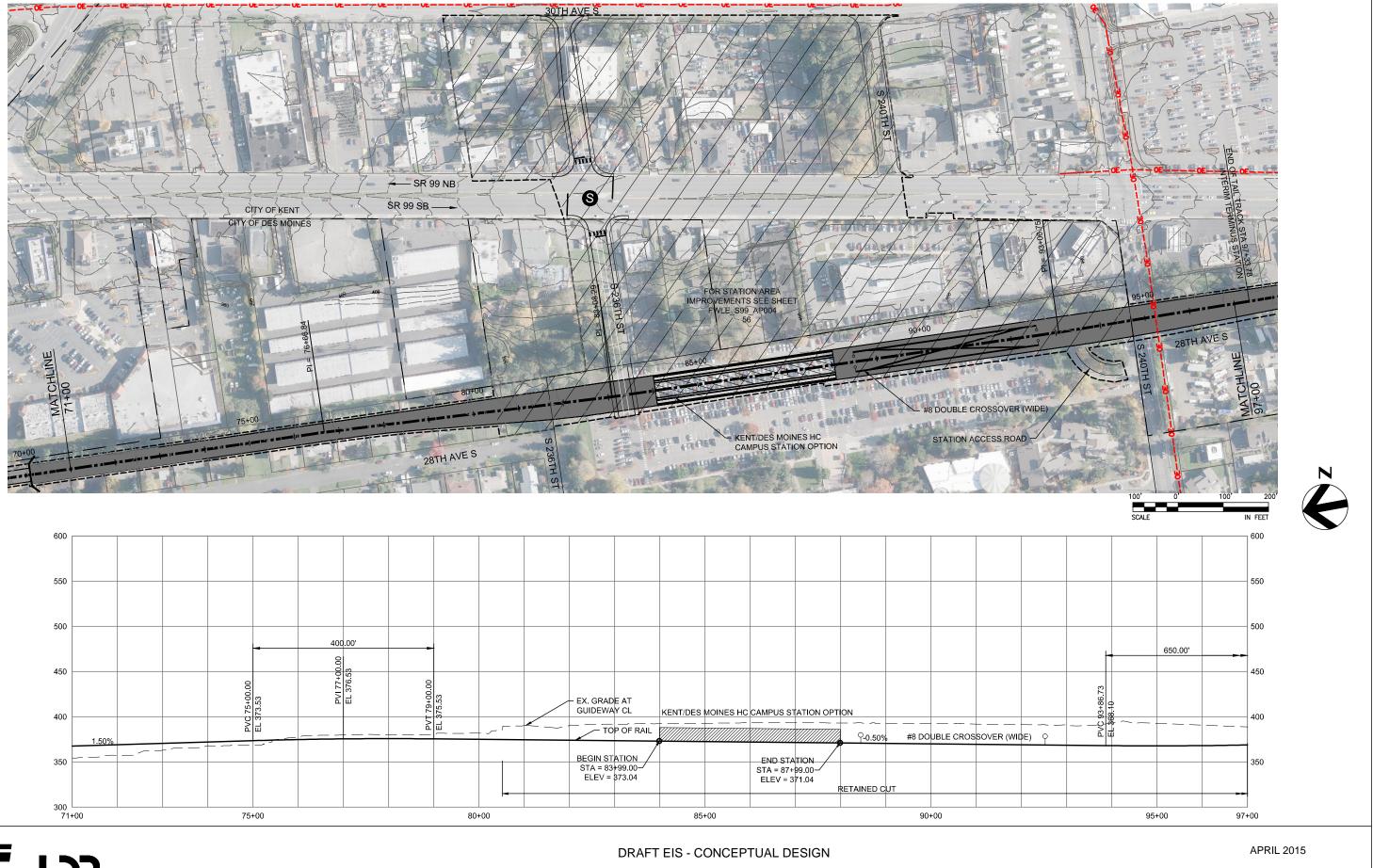


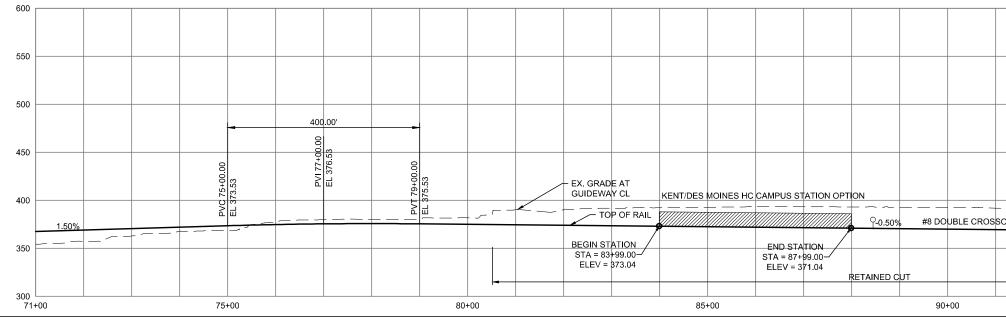


DRAFT EIS - CONCEPTUAL DESIGN

TRACK PLAN & PROFILE AND ROADWAY RECONSTRUCTION KENT/DES MOINES HC CAMPUS STATION OPTION STA 45+00 TO STA 71+00



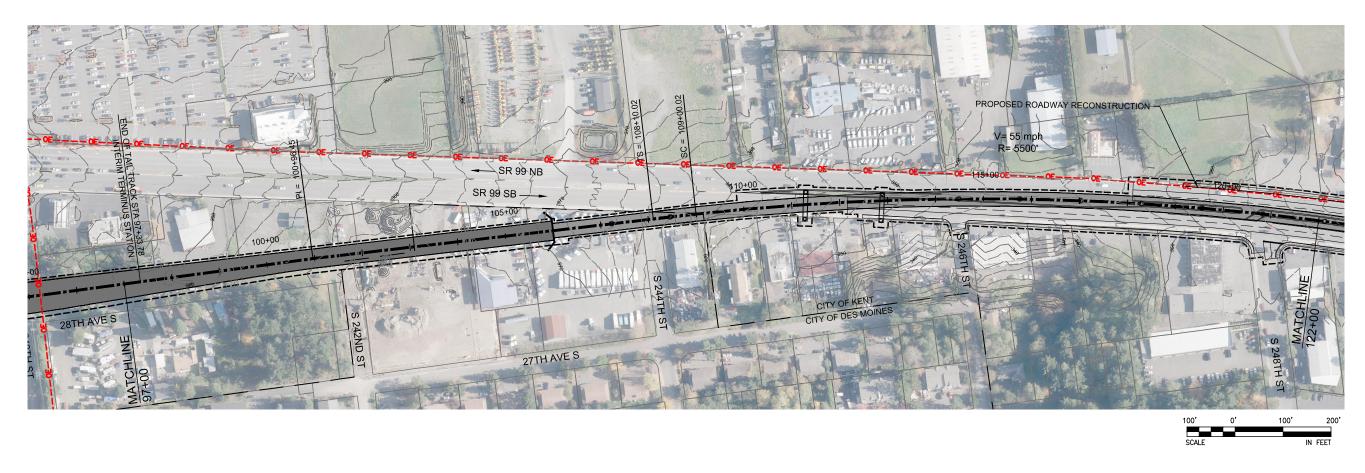


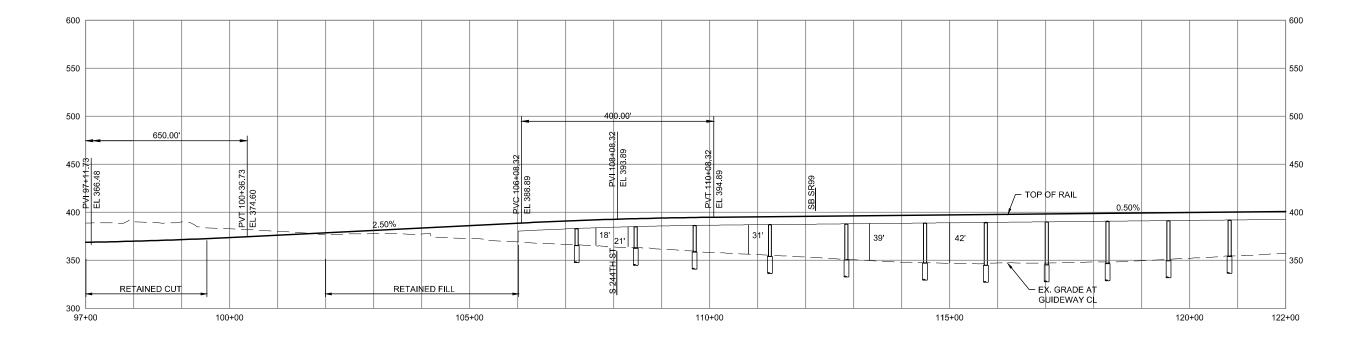




TRACK PLAN & PROFILE AND ROADWAY RECONSTRUCTION KENT/DES MOINES HC CAMPUS STATION OPTION STA 71+00 TO STA 97+00

SR99-F3-PP05 53





TRACK PLAN & PROFILE AND ROADWAY RECONSTRUCTION KENT/DES MOINES HC CAMPUS STATION OPTION STA 97+00 TO STA 122+00

DRAFT EIS - CONCEPTUAL DESIGN

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