

Appendix G
Construction Preliminary Impacts, Staging Areas, and
Truck Haul Routes

Appendix G

Construction Preliminary Impacts, Staging Areas, and Truck Haul Routes

This appendix includes a summary table of impacts for the Preferred Alternative; Preliminary Engineering plans that show staging areas, construction access, and haul routes for the Preferred Alternative; and maps showing the haul routes for the SR 99, I-5 to SR 99, and SR 99 to I-5 alternatives.

TABLE G-1

Federal Way Link Extension - Preliminary Preferred Alternative Construction Traffic Impacts

Roadway with LRT Construction	Potential Road Closure (Partial or Full)	Closure Period	Bus Route Affected?	Potential Closure Duration	Preliminary Detour Routes	Preliminary Traffic Assessment
SR 99 - n/o S 208th St.	Partial (1 lane closed each direction)	Nights only	No	Short; 1-2 months	None	Available capacity on SR 99
	Full	Nights and weekend	Yes	Short; multiple nights and weekends	S. 200th St, 28th Ave S/24th Ave S., S 216th St.	Detour can accommodate re-routed night-time traffic. S 216th could be congested during part of weekend closure
S 208th St.	None	None	No	Short; up to 3 months	Construct temporary bypass roadway	None
S 216th St.	Partial (1 lane each direction)	Nights only	No	Moderate; up to 8 months	None	Available capacity on 216th
	Full	Nights and weekend	No	Short; multiple nights and weekends	SR 99, S 200th St, Military Rd S	Detour able to accommodate re-routed traffic
I-5 Southbound @ S 216th St	Shoulder closure	weekday	No	Short, under a month	None	None
	Partial (Shoulder and 1 lane)	Nights and weekend	No	Short, multiple weekends and nights	None	Available capacity on I-5 at night, but overcapacity for part of weekend closure
I-5 Mainline @ S 221st St ^a	Directional or Full I-5 Closure	Nights only	Yes	Short, up to multiple nights	Regional trips: I-405, SR 167, and SR 18 Local trips: S 200th St I/C (SB) or Kent-Des Moines I/C (NB), SR 99 and/or Military Road	*Detour routes could be congested during some periods of the closure. Sound Transit would coordinate with WSDOT and local agencies to minimize impacts.
Kent-Des Moines Road (I-5 SB off-ramp right turns & I-5 NB off-ramp to WB Kent-Des Moines Road)	Full	Nights and weekend	Yes	Short; multiple nights and weekends	SR 99, S 200th St/S 272nd St, and I-5/Military Road	Detour can accommodate re-routed night-time traffic. I-5 SB on ramp at S 200th, S 272nd St, and Military Road could be congested during parts of weekend closure
30th Avenue S (North Crossing)	Full	Nights and weekend	No	Short; up to 3 months	SR99, S 240th St, 30th Ave S	Available capacity on detour routes
30th Avenue S (South Crossing)	Full	Nights and weekend	No	Short; up to 3 months	SR99, 30th Ave S	Available capacity on detour routes
S 240th St	None	None	No	Short; up to 3 months	Construct temporary bypass roadway north of S 240th St. during guideway/column construction	None

TABLE G-1

Federal Way Link Extension - Preliminary Preferred Alternative Construction Traffic Impacts

Roadway with LRT Construction	Potential Road Closure (Partial or Full)	Closure Period	Bus Route Affected?	Potential Closure Duration	Preliminary Detour Routes	Preliminary Traffic Assessment
I-5 Mainline @ S 259th Ct ^a	Directional or Full I-5 Closure	Nights only	Yes	Short, up to multiple nights	Regional trips: I-405, SR 167, and SR 18 Local trips: S 272nd St I/C (SB) or S 320th St I/C (NB), SR 99 and/or Military Road	*Detour routes could be congested during some periods of the closure. Sound Transit would coordinate with WSDOT and local agencies to minimize impacts.
S 260th St.	Full	Nights and weekend	No	Short; up to 3 months	SR99, S 272nd St, Military Rd S, S 259th Pl/S. Reith Rd.	Available capacity on detour routes during nights. On the weekend, Military Road could be congested during the day.
S 272nd St.	Partial (1 lane each direction)	Nights only	No	Long; up to 24 months	None	Available capacity on S 272nd St and the I-5 SB off-ramp at S 272nd St
	Full	Nights and weekend	Yes	Moderate; up to 4 months	SR 99, KDM Road/S 320th St, and I-5/Military Road	Detour can accommodate re-routed night-time and weekend traffic.
I-5 SB Off-Ramp at S 272nd St.	Partial (Eliminate 1 left-turn from off-ramp to provide one left turn and one thru/right shared lane)	weekday	No	Moderate; up to 4 months	None	Available capacity on the off-ramp. Queues on the off-ramp are not expected to extend onto I-5 mainline.
Military Road S (North Crossing)	Full	Nights and weekend	No	Short; multiple nights and weekends	S Star Lake Rd, S 272nd St, Military Rd S	Available capacity on detour route during nights. On the weekend, Star Lake Road could be congested during the day.
I-5 Mainline @ S 304th St ^a	Directional or Full I-5 Closure	Nights only	Yes	Short, up to multiple nights	Regional trips: I-405, SR 167, and SR 18 Local trips: S 272nd St I/C (SB) or S 320th St I/C (NB), SR 99 and/or Military Road	*Detour routes could be congested during some periods of the closure. Sound Transit would coordinate with WSDOT and local agencies to minimize impacts.
S 288th St	Full	Nights and weekend	Yes	Short; multiple nights and weekends	Military Rd S, S 272nd St, S 272nd Way, 55th Ave S, 51st Ave S and S 321st St.	Available capacity on detour route during nights. On the weekend, Military Road, 51st Ave S, and 55th Ave S could be congested during the day.
Military Road S (South Crossing)	Full	Nights and weekend	No	Short; multiple nights and weekends	Military Rd S, S 288th St., 51st Ave S., S 321st St.; and S 304th St, 28th Ave S, S 317th St, 23rd Ave S, and S 320th St	Available capacity on detour route during nights. On the weekend, 51st Ave S and S 304th St. could be congested during the day.
S 317th Street/28th Ave S. (HOV/Bus access ramp at S 317th closed during full closure of the roundabout)	Partial (1 lane closed)	Nights only	No	Long; up to 18 months	None	Available capacity at this location
	Full	Nights and weekend	Yes	Short; up to 2 months	I-5 SB off-ramp at S 320th St, S 320th St., and 23rd Ave S	Available capacity on detour routes on nights and weekends

TABLE G-1

Federal Way Link Extension - Preliminary Preferred Alternative Construction Traffic Impacts

Roadway with LRT Construction	Potential Road Closure (Partial or Full)	Closure Period	Bus Route Affected?	Potential Closure Duration	Preliminary Detour Routes	Preliminary Traffic Assessment
23rd Avenue S	Full	Nights and weekend	Yes	Short; multiple nights and weekends	S 317th St, S 316th St, 21st Ave S	Available capacity on detour routes during nights and weekends.
S 320th St	Full	Nights and weekend	Yes	Short; multiple nights and weekends	SR99, S 324th S, 23rd Ave S	Available capacity on detour routes during nights. On the weekend, 23rd Ave S and S 324th St. could be congested during the day.
I-5 SB Off-Ramp at S 320th St	Partial (1 lane closed)	weekday	No	Short; up to 1 week	None	Available capacity on the ramp
	Full	Nights and weekend	No	Short; up to 1 week	SB I-5, S 272nd St, SR99, S 320th St	Available capacity on detour routes
I-5 SB On-Ramp at S 320th St	Partial (1 lane closed)	weekday	No	Short; up to 1 week	None	Available capacity on the ramp
	Full	Nights and weekend	No	Short; up to 1 week	S 320th St, SR99, S 348th St, I-5	Available capacity on detour routes
I-5 Southbound Mainline ^b	Partial (Shoulder and potentially 1 lane)	Weekday	No	Short; up to 3 months	None	None

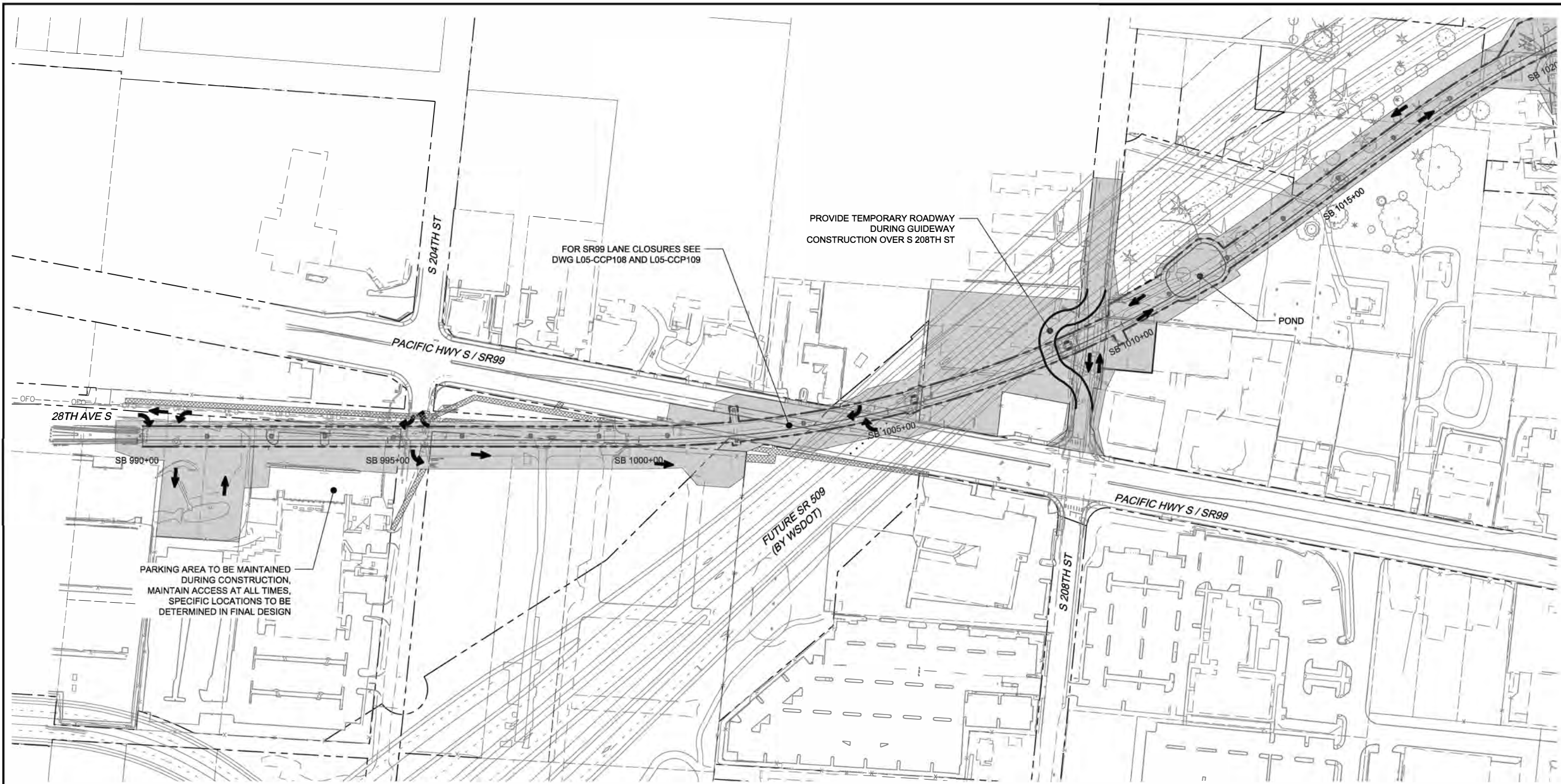
Notes:

* Detour routes could be congested during some periods of the closure. Capacity analysis was not completed for this short-term closure, but Sound Transit would coordinate with WSDOT and local agencies to minimize impacts on the detour routes.

- shaded rows: I-5 related impacts
- The construction impacts are based on the FWLE preliminary engineering plans and are subject to change based on further design and contractor methods.
- Coordination with relevant agencies will occur throughout the design and construction phases.
- Partial Closures (Lanes are closed or shifted during days and/or nights)
- Night Closures (e.g. 9 PM to 5 AM)
- Weekend Closures (all day unless noted otherwise)
- Closure Duration - short is less than 3 months; moderate is between 3 and 12 months and long is greater than 12 months.
- Preliminary detour routes are shown on Preliminary engineering plan set.

^a For relocation of power lines over I-5. Closures would be only be needed for the duration of this activity.

^b For removal of trees in the I-5 right-of-way. Closures would be periodic and for limited distances.



SEE DWG L05-CCP102

LEGEND:

- POTENTIAL TRUCK ROUTE MOVEMENTS IN, OUT AND THROUGH, CONSTRUCTION AND STAGING AREA
- POTENTIAL GUIDEWAY/ROADWAY CONSTRUCTION AND STAGING AREA
- POTENTIAL UTILITY/STORMWATER CONSTRUCTION AND STAGING AREA
- LRT WAY

NOTES:

1. SEE TRUCK AND HAUL ROUTE PLANS FOR TRUCK ROUTES OUTSIDE OF THE CONSTRUCTION AND STAGING AREAS.
2. SEE TRACK, CIVIL, STRUCTURAL AND STATION PLANS FOR CONSTRUCTION DETAILS.
3. SEE DETOUR PLANS FOR PROPOSED CLOSURES AND DETOUR ROUTES.
4. SEE ROW PLANS FOR PERMANENT, TEMPORARY AND ACCESS EASEMENTS.
5. LOCAL, RESIDENTIAL, BUSINESS AND EMERGENCY ACCESS SHALL BE MAINTAINED AT ALL TIMES.

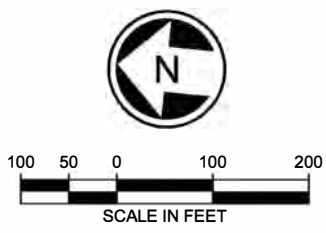


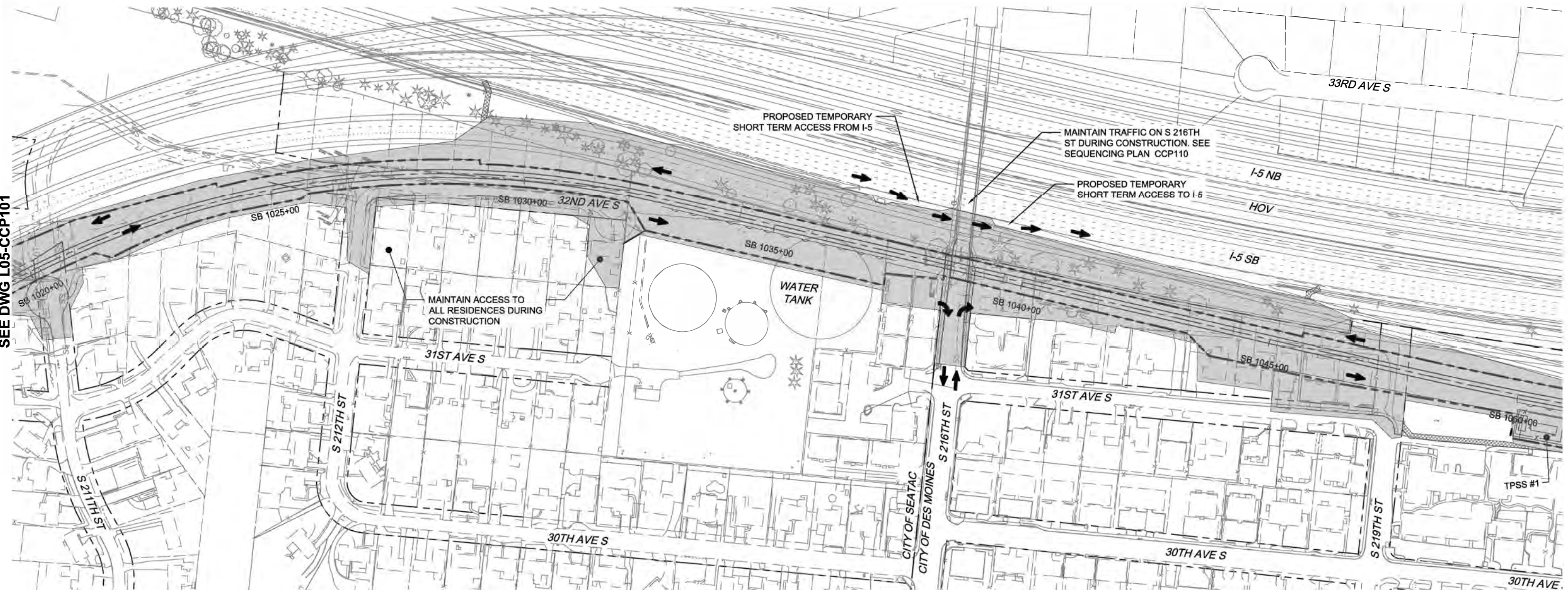
Exhibit G-1a

PRE FINAL PE SUBMITTAL					DESIGNED BY: G. GRIJALVA			SUBMITTED BY: EDWARD HERALD	DATE: 07/29/2016	REVIEWED BY:	DATE: 07/29/2016	DATE: 07/29/2016	SCALE: 1"=100' FILENAME: 02_FWEA-L05-CCP100 CONTRACT No.:	SOUND TRANSIT FEDERAL WAY LINK EXTENSION PRELIMINARY ENGINEERING PLANS CONSTRUCTION STAGING, SEQUENCING AND ACCESS PLANS SB STA 990+00 TO SB STA 1020+00	DRAWING NO.:	
					DRAWN BY: B. HARRIS										L05-CCP101	
					CHECKED BY: R. ACEVEDO										FACILITY ID:	
					APPROVED BY:										SHEET No.:	
No.	DATE	DSN	CHK	APP	REVISION										194	REV:
															#	

07/20/16 12:12 PM | HARRIS/BK
C:\P\WORKING\SEAD\154951002_FWEA-L05-CCP100.DWG

SEE DWG L05-CCP101

SEE DWG L05-CCP103



LEGEND:



POTENTIAL TRUCK ROUTE MOVEMENTS IN, OUT AND THROUGH, CONSTRUCTION AND STAGING AREA



POTENTIAL GUIDEWAY/ROADWAY CONSTRUCTION AND STAGING AREA



POTENTIAL UTILITY/STORMWATER CONSTRUCTION AND STAGING AREA



LRT WAY

NOTES:

1. SEE TRUCK AND HAUL ROUTE PLANS FOR TRUCK ROUTES OUTSIDE OF THE CONSTRUCTION AND STAGING AREAS.
2. SEE TRACK, CIVIL, STRUCTURAL AND STATION PLANS FOR CONSTRUCTION DETAILS.
3. SEE DETOUR PLANS FOR PROPOSED CLOSURES AND DETOUR ROUTES.
4. SEE ROW PLANS FOR PERMANENT, TEMPORARY AND ACCESS EASEMENTS.
5. LOCAL, RESIDENTIAL, BUSINESS AND EMERGENCY ACCESS SHALL BE MAINTAINED AT ALL TIMES.
6. ACCESS FROM I-5 WILL REQUIRE WSDOT/FHWA APPROVAL.



Exhibit G-1b

PRE FINAL PE SUBMITTAL

DESIGNED BY:
G. GRIJALVA
DRAWN BY:
B. HARRIS
CHECKED BY:
R. ACEVEDO
APPROVED BY:



SUBMITTED BY:
EDWARD HERALD

DATE:
07/29/2016

REVIEWED BY:



DATE:
07/29/2016

SCALE:
1"=100'
FILENAME:
02_FWEA-L05-CCP100
CONTRACT No.:
DATE:
07/29/2016

**SOUND TRANSIT
FEDERAL WAY LINK EXTENSION
PRELIMINARY ENGINEERING PLANS
CONSTRUCTION STAGING, SEQUENCING
AND ACCESS PLANS
SB STA 1020+00 TO SB STA 1050+00**

DRAWING NO.:

L05-CCP102

FACILITY ID:

SHEET No.:

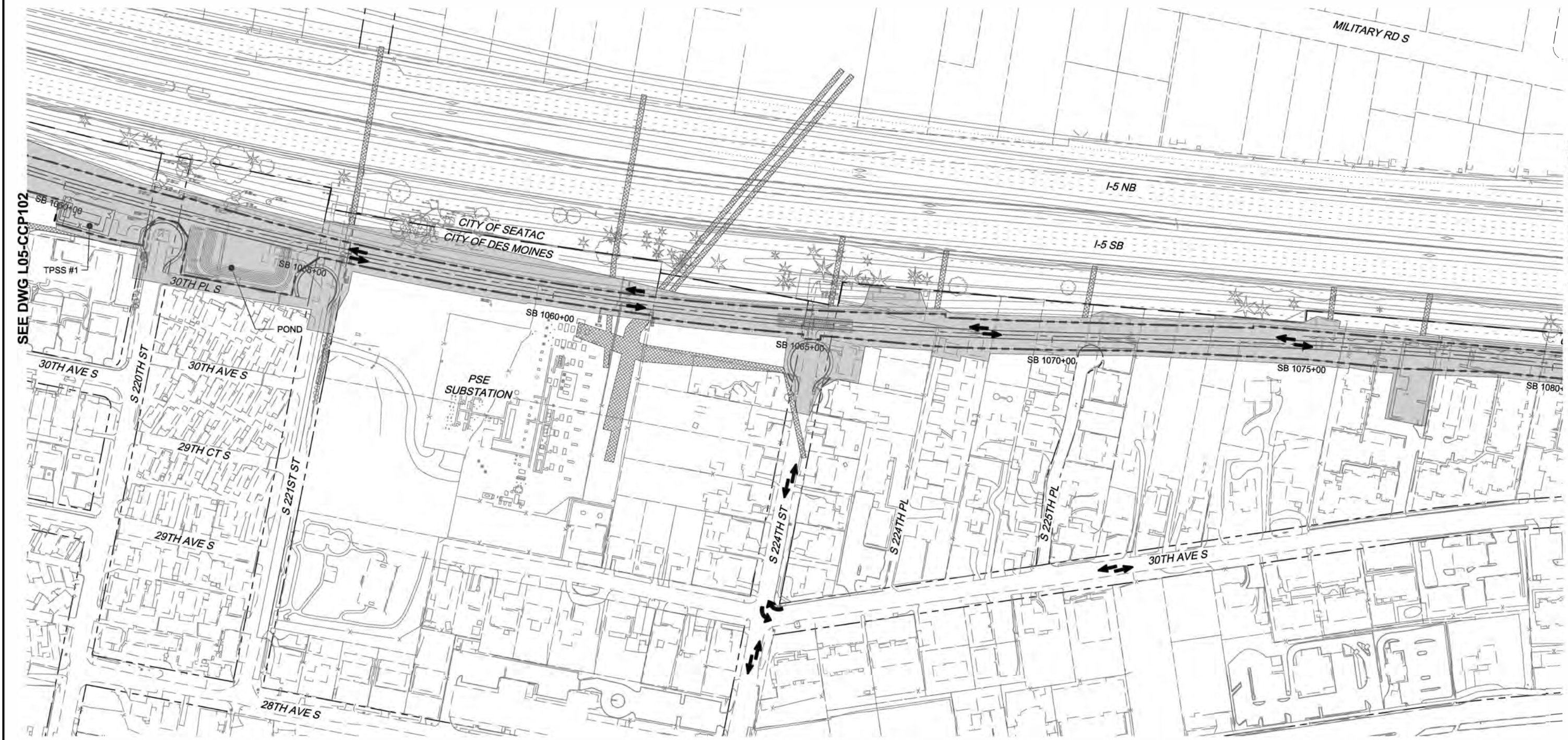
195

REV:

#

SEE DWG L05-CCP102

SEE DWG L05-CCP104



LEGEND:

- POTENTIAL TRUCK ROUTE MOVEMENTS IN, OUT AND THROUGH, CONSTRUCTION AND STAGING AREA
- POTENTIAL GUIDEWAY/ROADWAY CONSTRUCTION AND STAGING AREA
- POTENTIAL UTILITY/STORMWATER CONSTRUCTION AND STAGING AREA
- LRT WAY

NOTES:

1. SEE TRUCK AND HAUL ROUTE PLANS FOR TRUCK ROUTES OUTSIDE OF THE CONSTRUCTION AND STAGING AREAS.
2. SEE TRACK, CIVIL, STRUCTURAL AND STATION PLANS FOR CONSTRUCTION DETAILS.
3. SEE DETOUR PLANS FOR PROPOSED CLOSURES AND DETOUR ROUTES.
4. SEE ROW PLANS FOR PERMANENT, TEMPORARY AND ACCESS EASEMENTS.
5. LOCAL, RESIDENTIAL, BUSINESS AND EMERGENCY ACCESS SHALL BE MAINTAINED AT ALL TIMES.



PRE FINAL PE SUBMITTAL

DESIGNED BY:
G. GRIJALVA
DRAWN BY:
B. HARRIS
CHECKED BY:
R. ACEVEDO
APPROVED BY:



SUBMITTED BY:
EDWARD HERALD

DATE:
07/29/2016

REVIEWED BY:



DATE:
07/29/2016

SCALE:
1"=100'
FILENAME:
02_FWEA-L05-CCP100
CONTRACT No.:
DATE:
07/29/2016

Exhibit G-1c

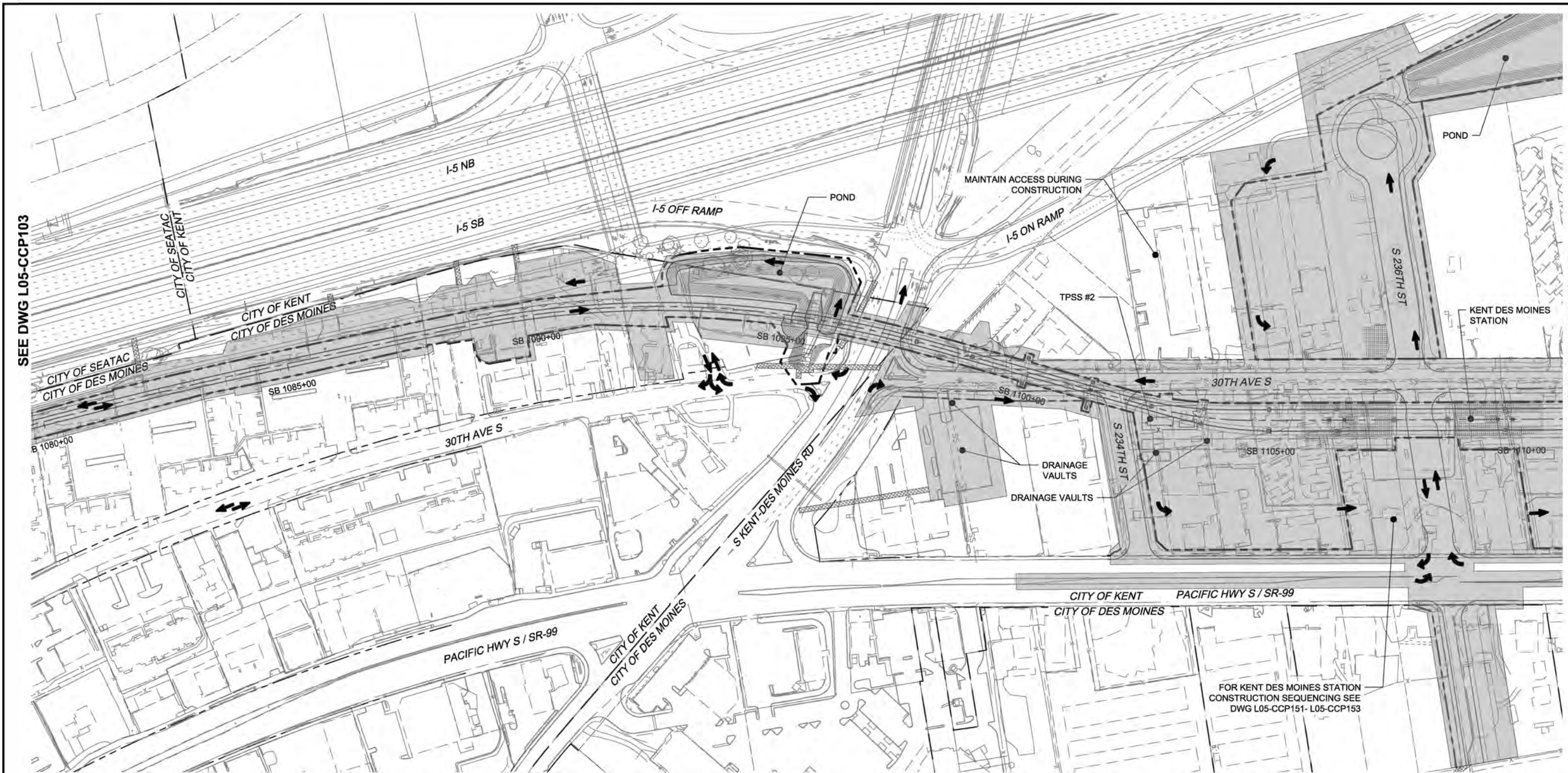
**SOUND TRANSIT
FEDERAL WAY LINK EXTENSION
PRELIMINARY ENGINEERING PLANS
CONSTRUCTION STAGING, SEQUENCING
AND ACCESS PLANS
SB STA 1050+00 TO SB STA 1080+00**

DRAWING No.:
L05-CCP103
FACILITY ID:
SHEET No.:
196
REV:
#

07/29/2016 1:21:13 PM | HARRISBK
C:\P\WORKING\SEADT\549510102_FWEA-L05-CCP100.DWG

SEE DWG L05-CCP103

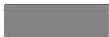
SEE DWG L05-CCP105



LEGEND:



POTENTIAL TRUCK ROUTE MOVEMENTS IN, OUT AND THROUGH, CONSTRUCTION AND STAGING AREA



POTENTIAL GUIDEWAY/ROADWAY CONSTRUCTION AND STAGING AREA



POTENTIAL UTILITY/STORMWATER CONSTRUCTION AND STAGING AREA



LRT WAY

NOTES:

1. SEE TRUCK AND HAUL ROUTE PLANS FOR TRUCK ROUTES OUTSIDE OF THE CONSTRUCTION AND STAGING AREAS.
2. SEE TRACK, CIVIL, STRUCTURAL AND STATION PLANS FOR CONSTRUCTION DETAILS.
3. SEE DETOUR PLANS FOR PROPOSED CLOSURES AND DETOUR ROUTES.
4. SEE ROW PLANS FOR PERMANENT, TEMPORARY AND ACCESS EASEMENTS.
5. LOCAL, RESIDENTIAL, BUSINESS AND EMERGENCY ACCESS SHALL BE MAINTAINED AT ALL TIMES.



Exhibit G-1d

PRE FINAL PE SUBMITTAL

DESIGNED BY:
G. GRIJALVA
DRAWN BY:
B. HARRIS
CHECKED BY:
R. ACEVEDO
APPROVED BY:



SUBMITTED BY:
EDWARD HERALD

DATE:
07/29/2016

REVIEWED BY:



DATE:
07/29/2016

SCALE:
1"=100'
FILENAME:
02_FWEA-L05-CCP100
CONTRACT No.:
DATE:
07/29/2016

SOUND TRANSIT
FEDERAL WAY LINK EXTENSION
PRELIMINARY ENGINEERING PLANS
CONSTRUCTION STAGING, SEQUENCING
AND ACCESS PLANS
SB STA 1080+00 TO SB STA 1110+00

DRAWING NO.:
L05-CCP104
FACILITY ID:
SHEET No.:
197
REV:
#

07/29/16 11:21:13 PM | HARRISBKC
C:\P\WORKING\SEAD\1549510102_FWEA-L05-CCP100.DWG

SEE DWG L05-CCP104

SEE DWG L10-CCP201



LEGEND:



POTENTIAL TRUCK ROUTE MOVEMENTS IN, OUT AND THROUGH,
CONSTRUCTION AND STAGING AREA



POTENTIAL GUIDEWAY/ROADWAY CONSTRUCTION AND STAGING AREA

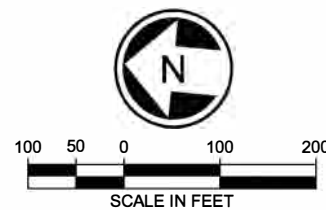


POTENTIAL UTILITY/STORMWATER CONSTRUCTION AND STAGING AREA

----- LRT WAY

NOTES:

1. SEE TRUCK AND HAUL ROUTE PLANS FOR TRUCK ROUTES OUTSIDE OF THE CONSTRUCTION AND STAGING AREAS.
2. SEE TRACK, CIVIL, STRUCTURAL AND STATION PLANS FOR CONSTRUCTION DETAILS.
3. SEE DETOUR PLANS FOR PROPOSED CLOSURES AND DETOUR ROUTES.
4. SEE ROW PLANS FOR PERMANENT, TEMPORARY AND ACCESS EASEMENTS.
5. LOCAL, RESIDENTIAL, BUSINESS AND EMERGENCY ACCESS SHALL BE MAINTAINED AT ALL TIMES.



PRE FINAL PE SUBMITTAL

DESIGNED BY:
G. GRIJALVA
DRAWN BY:
B. HARRIS
CHECKED BY:
R. ACEVEDO
APPROVED BY:



SUBMITTED BY:
EDWARD HERALD

DATE:
07/29/2016

REVIEWED BY:



DATE:
07/29/2016

SCALE:
1"=100'
FILENAME:
02_FWEA-L05-CCP100
CONTRACT No.:
DATE:
07/29/2016

Exhibit G-1e

**SOUND TRANSIT
FEDERAL WAY LINK EXTENSION**
PRELIMINARY ENGINEERING PLANS
CONSTRUCTION STAGING, SEQUENCING
AND ACCESS PLANS
SB STA 1110+00 TO SB STA 1115+75

DRAWING No.:
L05-CCP105
FACILITY ID:
SHEET No.: 198
REV: #

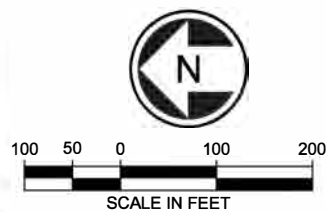
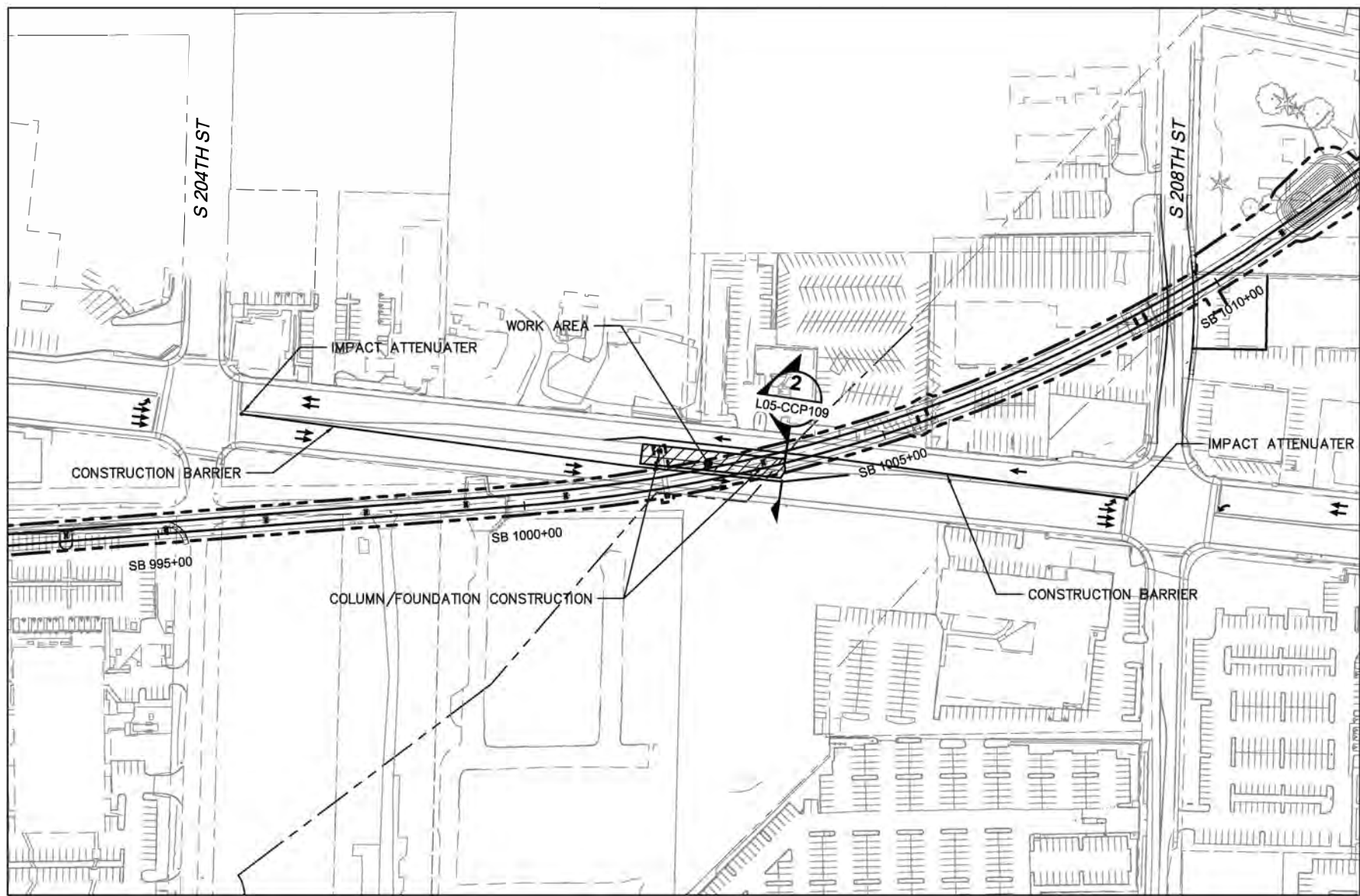



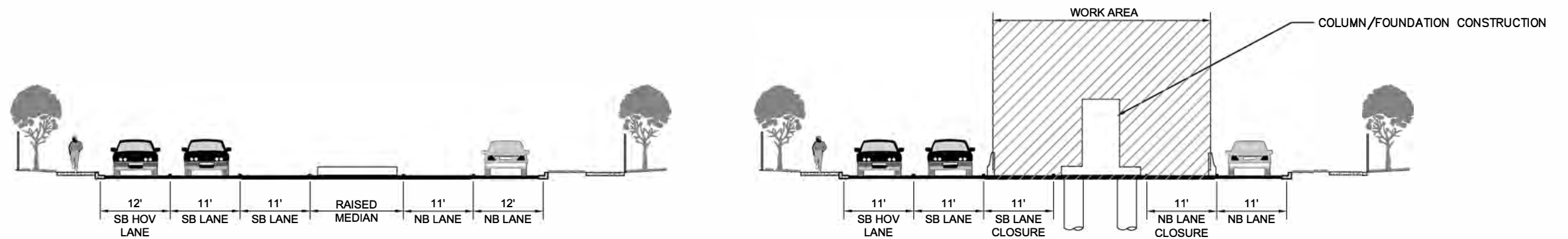


Exhibit G-1f

07/29/16 | 2:31 PM | HARRISBK
C:\P\WORKING\SEND\15051002_FWEA-L05-CCP108.DWG

PRE FINAL PE SUBMITTAL						DESIGNED BY: J. SHIPPEY				SUBMITTED BY: EDWARD HERALD	DATE: 07/29/2016	REVIEWED BY:		SCALE: 1"=100'	SOUND TRANSIT FEDERAL WAY LINK EXTENSION PRELIMINARY ENGINEERING PLANS CONSTRUCTION STAGING, SEQUENCING AND ACCESS PLANS SR 99 LANE CLOSURE PLAN	DRAWING No.: L05-CCP108
						DRAWN BY: B. HARRIS	FILENAME: 02_FWEA-L05-CCP108							FACILITY ID:		
						CHECKED BY: R. ACEVEDO	CONTRACT No.:							SHEET No.: 199		REV.: #
						APPROVED BY:	DATE: 07/29/2016							DATE: 07/29/2016		
No.	DATE	DSN	CHK	APP	REVISION											



SR99 EXISTING CONDITIONS 1
NTS

SR99 LANE CLOSURES 2
NTS

07/2016 | 2:31 PM | HARRISBK
C:\P\WORKING\SEAD\154851002_FWEA-L05-CCP108.DWG

PRE FINAL PE SUBMITTAL

No.	DATE	DSN	CHK	APP	REVISION

DESIGNED BY:
J. SHIPPEY
DRAWN BY:
B. HARRIS
CHECKED BY:
R. ACEVEDO
APPROVED BY:



SUBMITTED BY:
EDWARD HERALD

DATE:
07/29/2016

REVIEWED BY:

LINE IS 1" AT
FULL SCALE



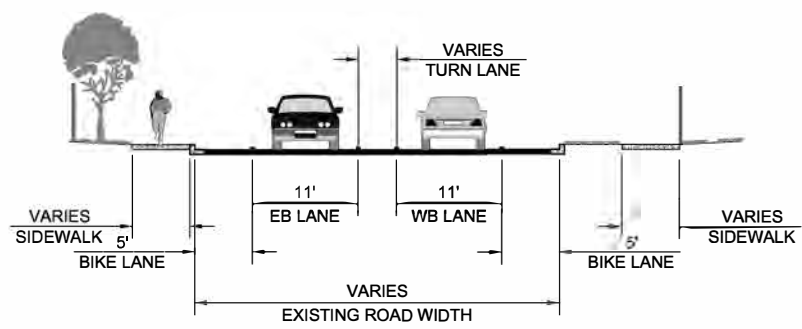
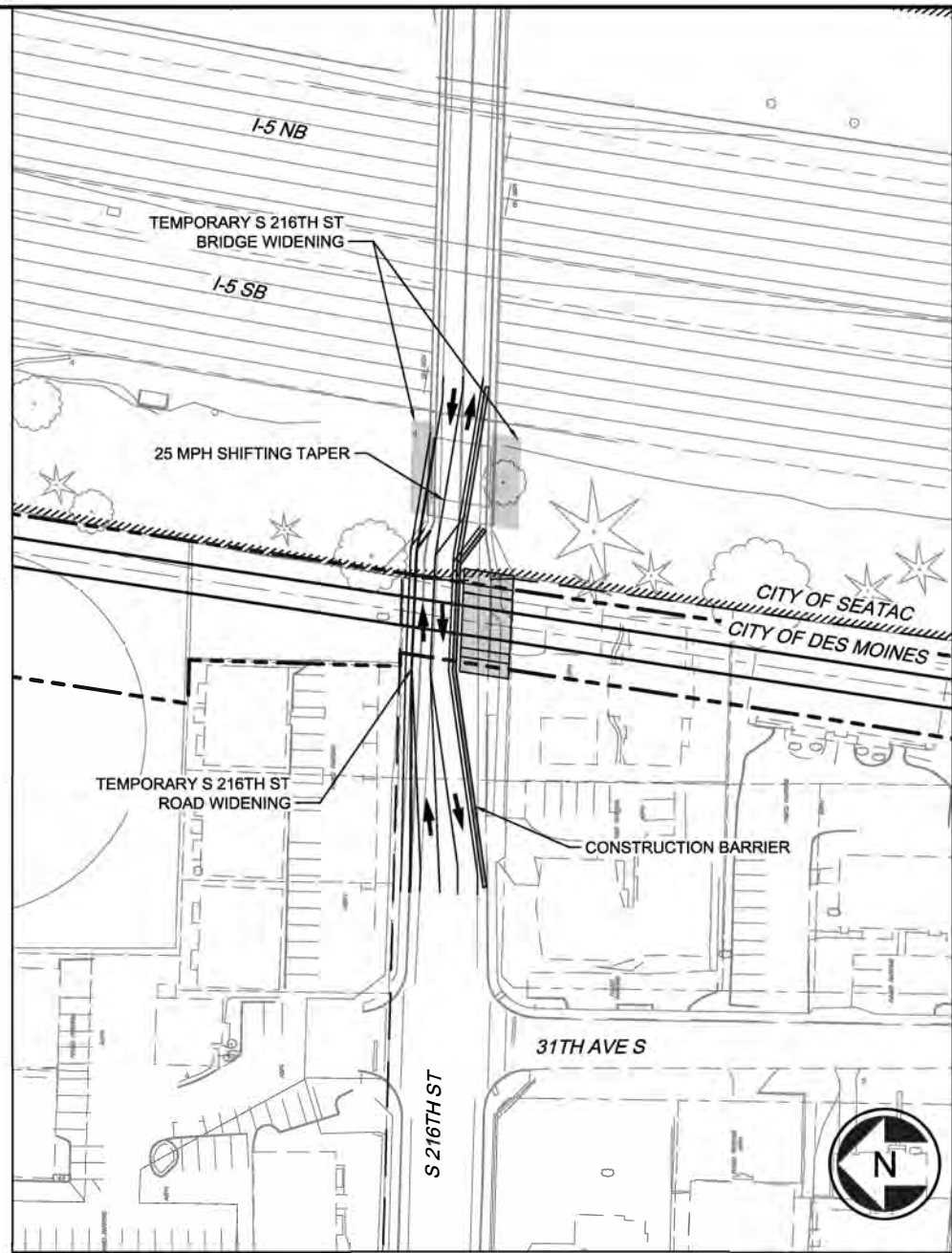
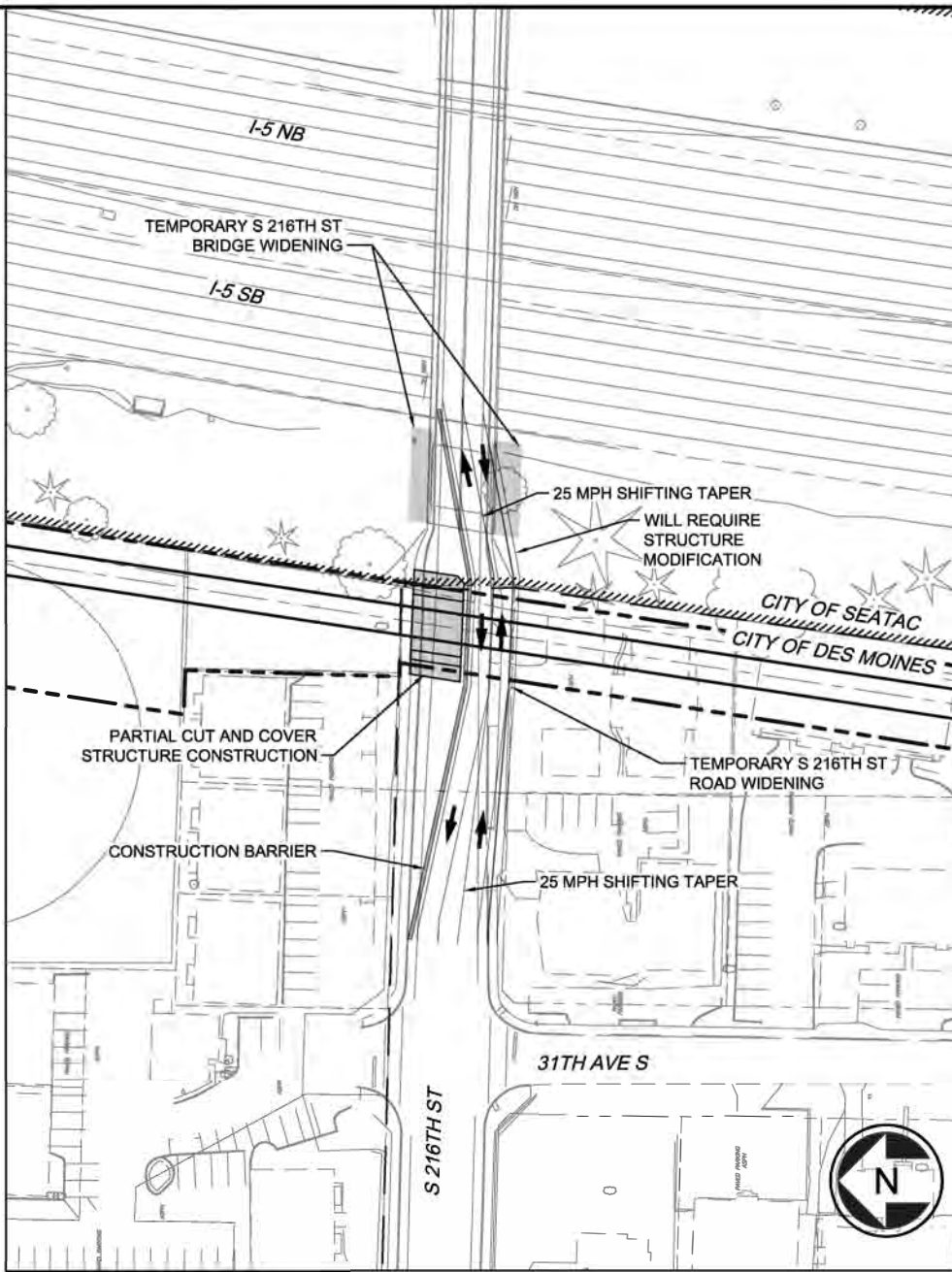
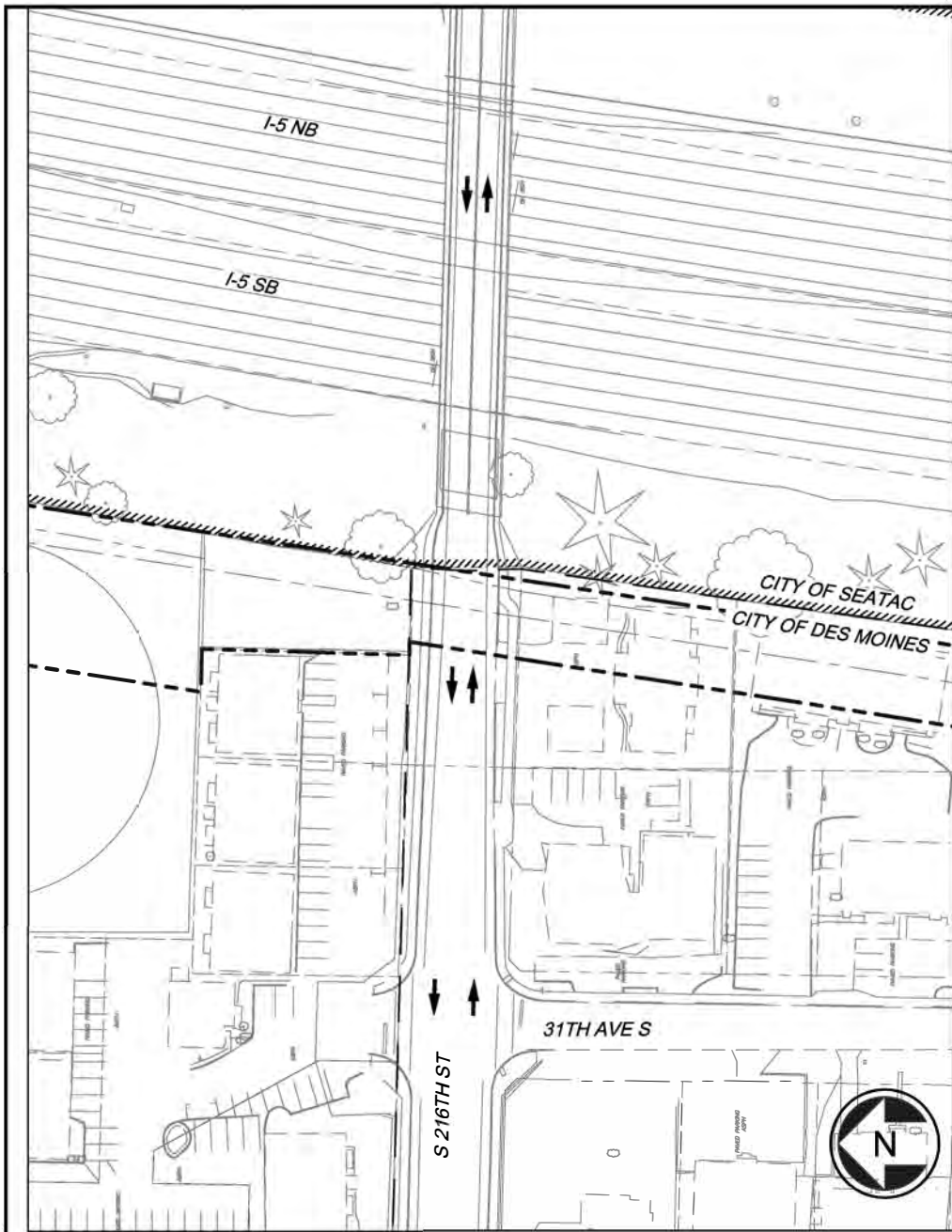
DATE:
07/29/2016

SCALE:
NTS
FILENAME:
02_FWEA-L05-CCP108
CONTRACT No.:
DATE:
07/29/2016

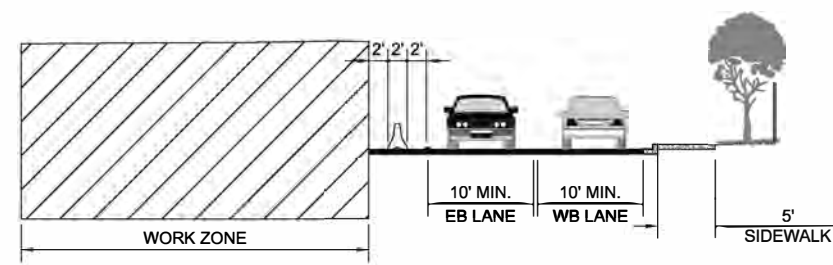
SOUND TRANSIT
FEDERAL WAY LINK EXTENSION
PRELIMINARY ENGINEERING PLANS
CONSTRUCTION STAGING, SEQUENCING
AND ACCESS PLANS
SR 99 LANE CLOSURE SECTIONS

DRAWING No.:
L05-CCP109
FACILITY ID:
SHEET No.:
200
REV:
#

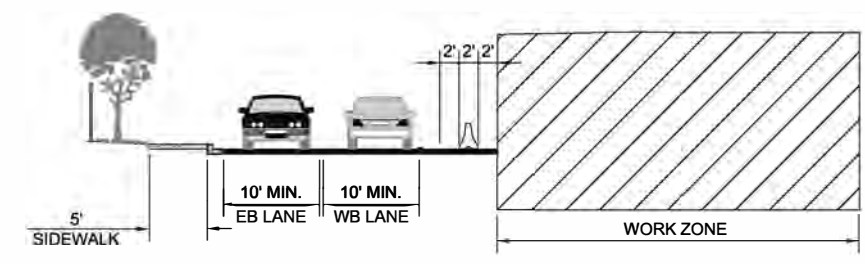
Exhibit G-1g



EXISTING CONDITIONS
NTS



PHASE I
NTS



PHASE II
NTS

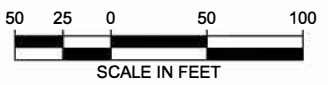


Exhibit G-1h

PRE FINAL PE SUBMITTAL

DESIGNED BY:
G. GRIJALVA
DRAWN BY:
B. HARRIS
CHECKED BY:
R. ACEVEDO
APPROVED BY:



SUBMITTED BY:
EDWAR DHE FAL D

DATE:
07/29 /2016

REVIEWED BY:



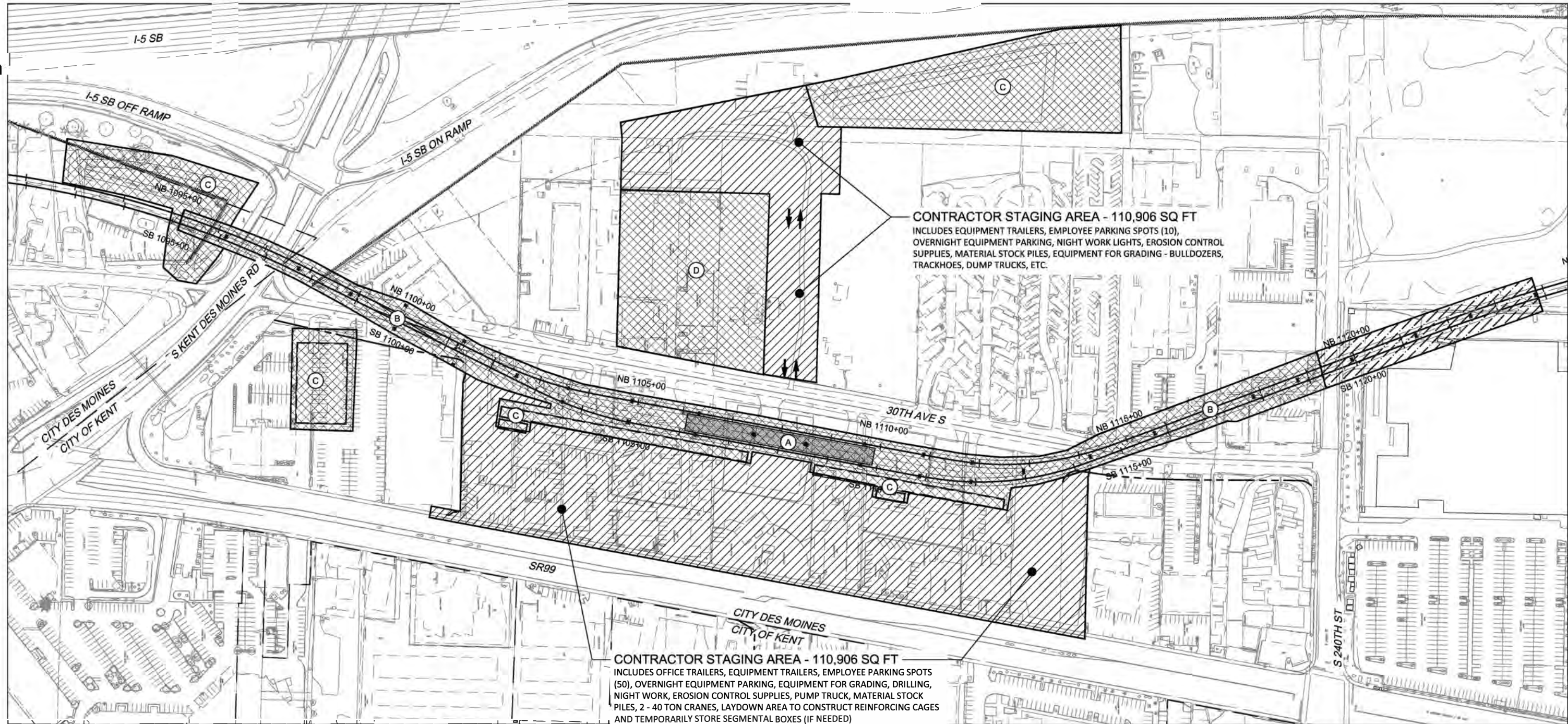
DATE:
07/29/2016

SCALE:
1"=50'
FILENAME:
02_FWEA-L05-CCP110
CONTRACT No. :
DATE:
07/29/2016

**SOUND TRANSIT
FEDERAL WAY LINK EXTENSION
PRELIMINARY ENGINEERING PLANS
CONSTRUCTION STAGING, SEQUENCING
AND ACCESS PLANS
S 216TH ST - PHASING DURING CONSTRUCTION**

DRAWING No. :
L05-CCP110
FACILITY ID:
SHEET No. :
201
REV:
#

07/20/16 | 2:56 PM | HARRISBK
C:\P\WORKING\SEADT\54851002_FWEA-L05-CCP110.DWG



GENERAL NOTES:

- 1) TRAFFIC MAINTAINED ON 30TH AVE S., S. KENT DES MOINES RD. AND SR-99 EXCEPT FOR PERIODIC NIGHT TIME WEEKEND CLOSURES ON 30TH AVE S. AND S. KENT DES MOINES RD. FOR GUIDEWAY CONSTRUCTION.
- 2) CONSTRUCTION STAGING AS SHOWN FOR KENT DES MOINES STATION CONSTRUCTION.
- 3) SEE TRUCK AND HAUL ROUTE PLANS FOR TRUCK ROUTES OUTSIDE OF THE CONSTRUCTION AND STORAGE AREAS.

WORKING ACTIVITIES (MONTHS 0-12):

- A) CONSTRUCT KENT DES MOINES STATION PLATFORM
- B) CONSTRUCT AERIAL STRUCTURE NORTH AND SOUTH OF KENT DES MOINES PLATFORM
- C) CONSTRUCT DRAINAGE POND AND DRAINAGE VAULTS
- D) DEMOLISH BUILDING FOR FUTURE PARKING GARAGE

CONSTRUCTION NOTES:

- WORK ACTIVITIES INCLUDE:
- SUBSTRUCTURE, SUPERSTRUCTURE, DRILLED SHAFTS, COLUMNS, PIER CAPS, GIRDER ERECTION, CAST IN PLACE CONCRETE DECK
 - EROSION CONTROL, ROUGH GRADING, DRAINAGE PIPE INSTALLATION, POND GRADING, UTILITIES

LEGEND

- CONSTRUCTION VEHICLE ROUTE
- ▨ CONSTRUCTION STAGING AREA
- ▩ WORK AREA
- ▧ FUTURE WORK



SCALE IN FEET

PRE FINAL PE SUBMITTAL

DESIGNED BY:
G. GRIJALVA
DRAWN BY:
B. HARRIS
CHECKED BY:
R. ACEVEDO
APPROVED BY:



SUBMITTED BY:
EDWARD HERALD

DATE:
07/29/2016

REVIEWED BY:

DATE:
07/29/2016



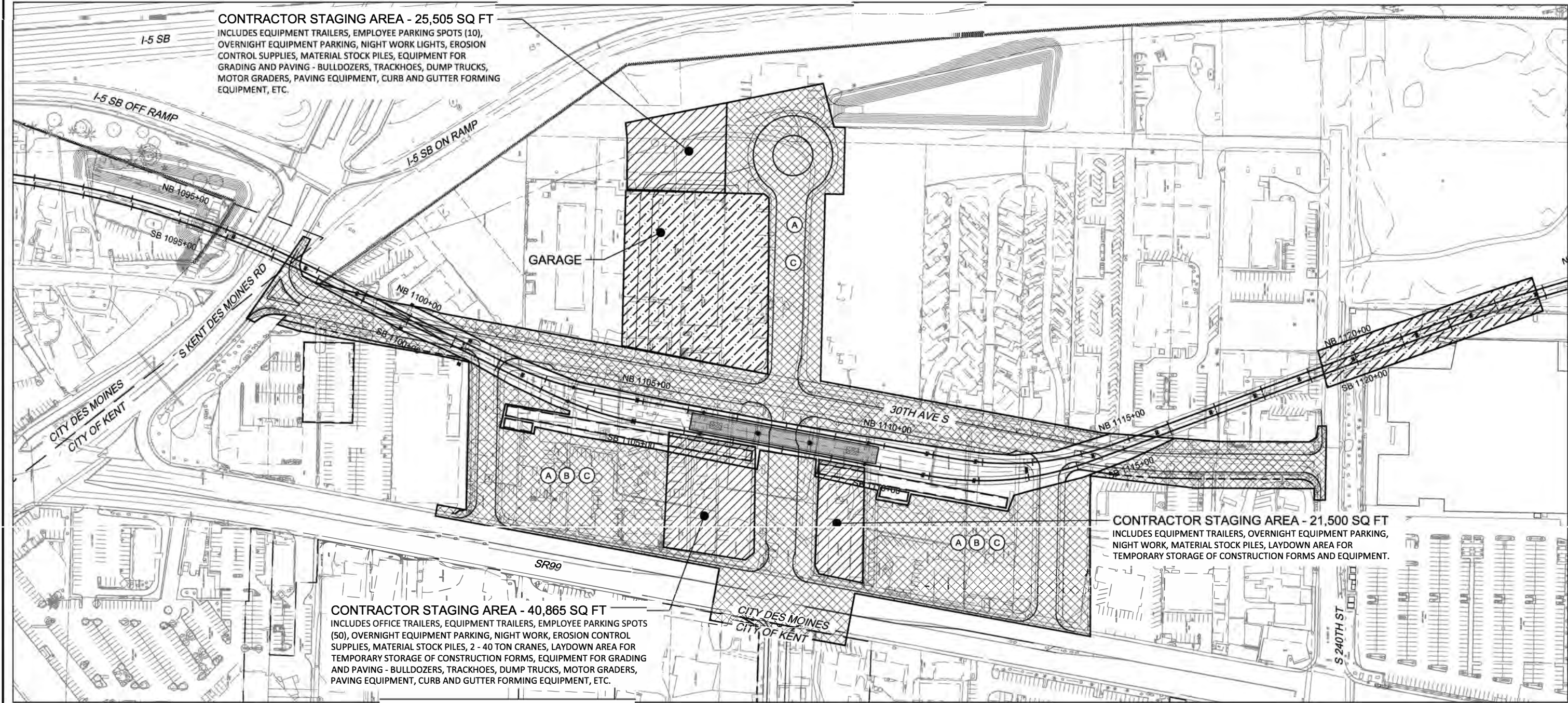
SCALE:
1"=100'
FILENAME:
02_FWEA-L05-CCP110
CONTRACT No.:
DATE:
07/29/2016

Exhibit G-1i

SOUND TRANSIT
FEDERAL WAY LINK EXTENSION
PRELIMINARY ENGINEERING PLANS
CONSTRUCTION STAGING, SEQUENCING
AND ACCESS PLANS
KENT DES MOINES STATION 1 OF 3

DRAWING No.
L05-CCP151
FACILITY ID:
SHEET No.:
202
REV:
#

07/29/2016 | 2:57 PM | HARRISBK
C:\P\WORKING\SEAD\15465100
2_FWEA-L05-CCP110.DWG



GENERAL NOTES:

- 1) TRAFFIC MAINTAINED ON 30TH AVE S, S. KENT DES MOINES RD. AND SR-99 EXCEPT FOR PERIODIC NIGHT TIME WEEKEND CLOSURES ON 30TH AVE S. AND S. KENT DES MOINES RD. FOR GUIDEWAY CONSTRUCTION.
- 2) PERIODIC LANE CLOSURES ON 30TH AVE S AND SR-99 FOR DRAINAGE, CURB AND SIDEWALK CONSTRUCTION.
- 3) CONSTRUCTION STAGING AS SHOWN FOR KENT DES MOINES STATION CONSTRUCTION.
- 4) SEE TRUCK AND HAUL ROUTE PLANS FOR TRUCK ROUTES OUTSIDE OF THE CONSTRUCTION AND STORAGE AREAS.

WORKING ACTIVITIES (MONTHS 12-18):

- A) CONSTRUCT DRAINAGE, CURB AND SIDEWALK
- B) CONSTRUCT NORTH AND SOUTH PARKING LOTS
- C) INSTALL BASE PAVEMENT

CONSTRUCTION NOTES:

- WORK ACTIVITIES INCLUDE:
- EROSION CONTROL, DRAINAGE PIPE INSTALLATION, DRAINAGE INLET INSTALLATION, CURB & GUTTER INSTALLATION, SIDEWALK INSTALLATION, FINE GRADING, UTILITIES, PAVING

LEGEND

- ➔ CONSTRUCTION VEHICLE ROUTE
- ▨ CONSTRUCTION STAGING AREA
- ▧ WORK AREA
- ▩ FUTURE WORK



100 50 0 100 200
SCALE IN FEET

Exhibit G-1j

PRE FINAL PE SUBMITTAL

DESIGNED BY:
G. GRIMALVA
DRAWN BY:
B. HARRIS
CHECKED BY:
R. ACEVEDO
APPROVED BY:



SUBMITTED BY:
EDWARD HERALD

DATE:
07/29/2016

REVIEWED BY:

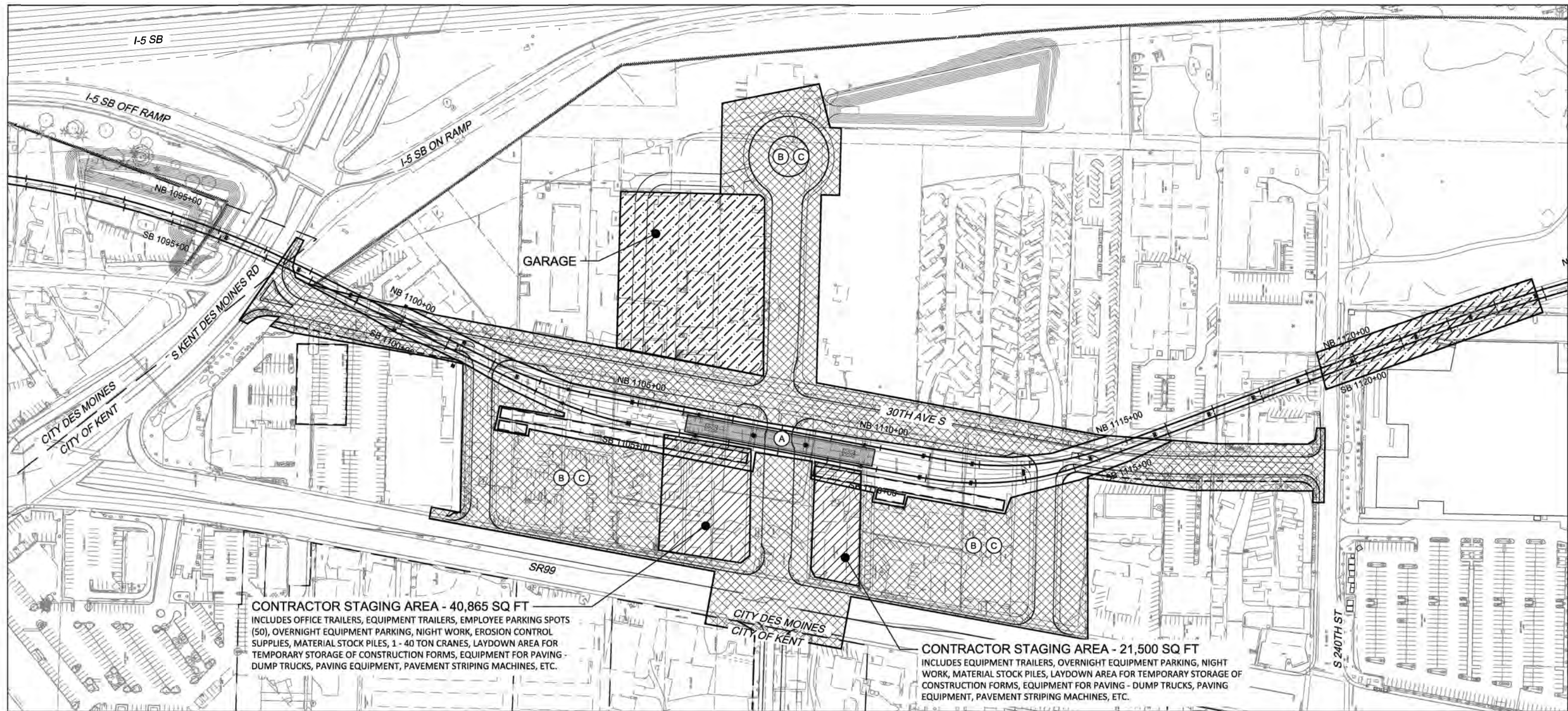


DATE:
07/29/2016

SCALE:
1"=100'
FILENAME:
02_FWEA-L05-CCP110
CONTRACT No.:
DATE:
07/29/2016

**SOUND TRANSIT
FEDERAL WAY LINK EXTENSION
PRELIMINARY ENGINEERING PLANS
CONSTRUCTION STAGING, SEQUENCING
AND ACCESS PLANS
KENT DES MOINES STATION 2 OF 3**

DRAWING No.:
L05-CCP152
FACILITY ID:
SHEET No.:
203
REV:
#



GENERAL NOTES:

- 1) TRAFFIC MAINTAINED ON 30TH AVE S., S. KENT DES MOINES RD. AND SR-99.
- 2) PERIODIC LANE CLOSURES ON 30TH AVE S. AND SR-99 FOR MEDIAN CONSTRUCTION, PAVING, STRIPING AND SIGNAL INSTALLATION.
- 3) CONSTRUCTION STAGING AS SHOWN FOR KENT DES MOINES STATION CONSTRUCTION.
- 4) SEE TRUCK AND HAUL ROUTE PLANS FOR TRUCK ROUTES OUTSIDE OF THE CONSTRUCTION AND STORAGE AREAS.

WORKING ACTIVITIES (MONTHS 18-30):

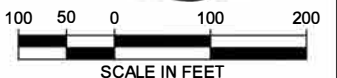
- A) INSTALL KENT DES MOINES STATION PLAZA ITEMS
- B) INSTALL LIGHTS, SIGNS AND TRAFFIC SIGNALS
- C) INSTALL FINAL PAVEMENT AND STRIPING

CONSTRUCTION NOTES:

- WORK ACTIVITIES INCLUDE:
- UTILITIES, PAVING, STRIPING, LIGHT INSTALLATION, SIGNAL INSTALLATION, TRANSIT PLAZA EQUIPMENT INSTALLATION

LEGEND

- ➔ CONSTRUCTION VEHICLE ROUTE
- ▨ CONSTRUCTION STAGING AREA
- ▤ WORK AREA
- ▧ FUTURE WORK



PRE FINAL PE SUBMITTAL

DESIGNED BY:
G. GRIJALVA
DRAWN BY:
B. HARRIS
CHECKED BY:
R. ACEVEDO
APPROVED BY:



SUBMITTED BY:
EDWARD HERALD

DATE:
07/29/2016

REVIEWED BY:



DATE:
07/29/2016

SCALE:
1"=100'
FILENAME:
02_FWEA-L05-CCP110
CONTRACT No.:
DATE:
07/29/2016

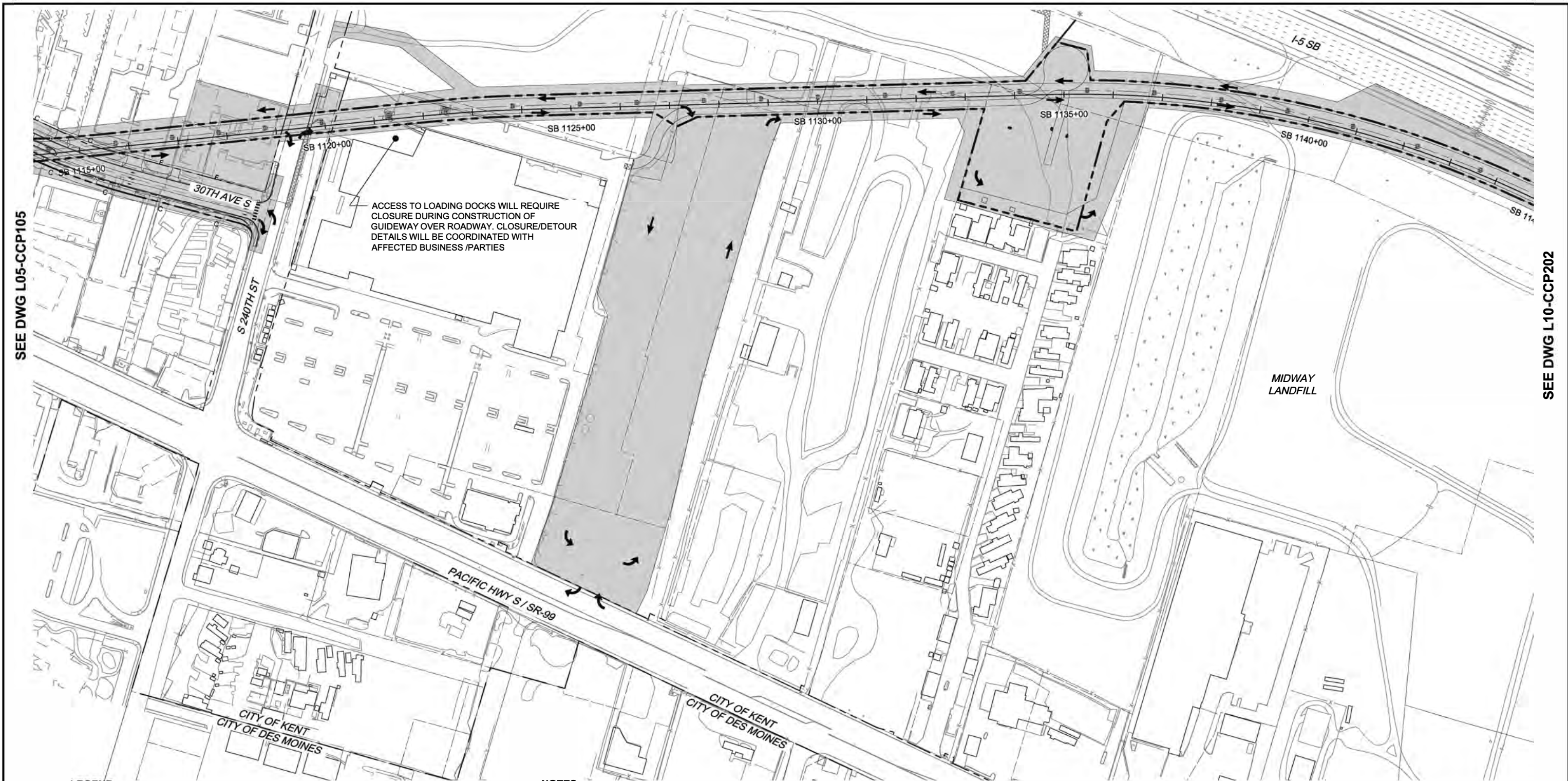
Exhibit G-1k

**SOUND TRANSIT
FEDERAL WAY LINK EXTENSION
PRELIMINARY ENGINEERING PLANS
CONSTRUCTION STAGING, SEQUENCING
AND ACCESS PLANS
KENT DES MOINES STATION 3 OF 3**

DRAWING No.
L05-CCP153
FACILITY ID:
SHEET No.: 204
REV: #

SEE DWG L05-CCP105

SEE DWG L10-CCP202

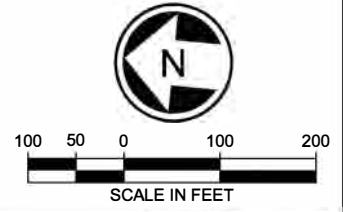


LEGEND:

- POTENTIAL TRUCK ROUTE MOVEMENTS IN, OUT AND THROUGH, CONSTRUCTION AND STAGING AREA
- POTENTIAL GUIDEWAY/ROADWAY CONSTRUCTION AND STAGING AREA
- POTENTIAL UTILITY/STORMWATER CONSTRUCTION AND STAGING AREA
- LRT WAY

NOTES:

1. SEE TRUCK AND HAUL ROUTE PLANS FOR TRUCK ROUTES OUTSIDE OF THE CONSTRUCTION AND STAGING AREAS.
2. SEE TRACK, CIVIL, STRUCTURAL AND STATION PLANS FOR CONSTRUCTION DETAILS.
3. SEE DETOUR PLANS FOR PROPOSED CLOSURES AND DETOUR ROUTES.
4. SEE ROW PLANS FOR PERMANENT, TEMPORARY AND ACCESS EASEMENTS.
5. LOCAL, RESIDENTIAL, BUSINESS AND EMERGENCY ACCESS SHALL BE MAINTAINED AT ALL TIMES.



PRE FINAL PE SUBMITTAL					DESIGNED BY: G. GRIJALVA				SUBMITTED BY: EDWARD HERALD		DATE: 07/29/2016		REVIEWED BY:		DATE: 07/29/2016		DATE: 07/29/2016	
					DRAWN BY: B. HARRIS													
					CHECKED BY: R. ACEVEDO													
					APPROVED BY:													
No.	DATE	DSN	CHK	APP	REVISION													

Exhibit G-11

SOUND TRANSIT

FEDERAL WAY LINK EXTENSION

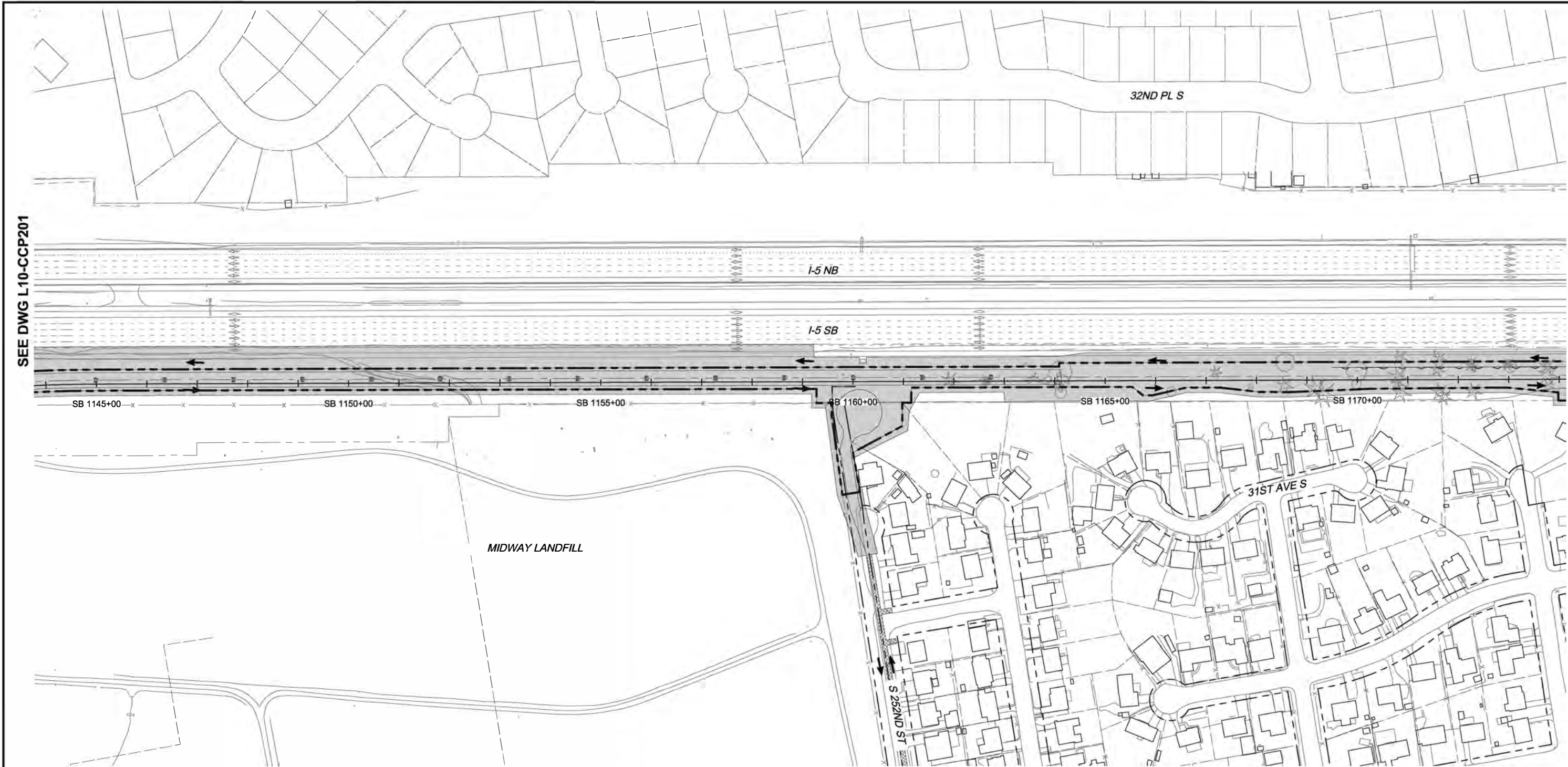
PRELIMINARY ENGINEERING PLANS

CONSTRUCTION STAGING, SEQUENCING AND ACCESS PLANS

SB STA 1115+00 TO SB STA 1144+00

DRAWING No.: L10-CCP201	
FACILITY ID:	
SHEET No.: 205	REV: #

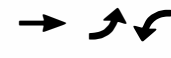
07/29/2016 3:19 PM | HARRISBK
C:\P\WORKING\SEADT\549510103_FWEB-L10-CCP200.DWG



SEE DWG L10-CCP201

SEE DWG L10-CCP203

LEGEND:



POTENTIAL TRUCK ROUTE MOVEMENTS IN, OUT AND THROUGH, CONSTRUCTION AND STAGING AREA



POTENTIAL GUIDEWAY/ROADWAY CONSTRUCTION AND STAGING AREA



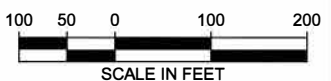
POTENTIAL UTILITY/STORMWATER CONSTRUCTION AND STAGING AREA



LRT WAY

NOTES:

1. SEE TRUCK AND HAUL ROUTE PLANS FOR TRUCK ROUTES OUTSIDE OF THE CONSTRUCTION AND STAGING AREAS.
2. SEE TRACK, CIVIL, STRUCTURAL AND STATION PLANS FOR CONSTRUCTION DETAILS.
3. SEE DETOUR PLANS FOR PROPOSED CLOSURES AND DETOUR ROUTES.
4. SEE ROW PLANS FOR PERMANENT, TEMPORARY AND ACCESS EASEMENTS.
5. LOCAL, RESIDENTIAL, BUSINESS AND EMERGENCY ACCESS SHALL BE MAINTAINED AT ALL TIMES.



PRE FINAL PE SUBMITTAL

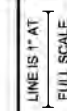
DESIGNED BY:
G. GRIJALVA
DRAWN BY:
B. HARRIS
CHECKED BY:
R. ACEVEDO
APPROVED BY:



SUBMITTED BY:
EDWARD HERALD

DATE:
07/29/2016

REVIEWED BY:



SOUND TRANSIT

DATE:
07/29/2016

SCALE:
1"=100'
FILENAME:
03_FWEB-L10-CCP200
CONTRACT No.:
DATE:
07/29/2016

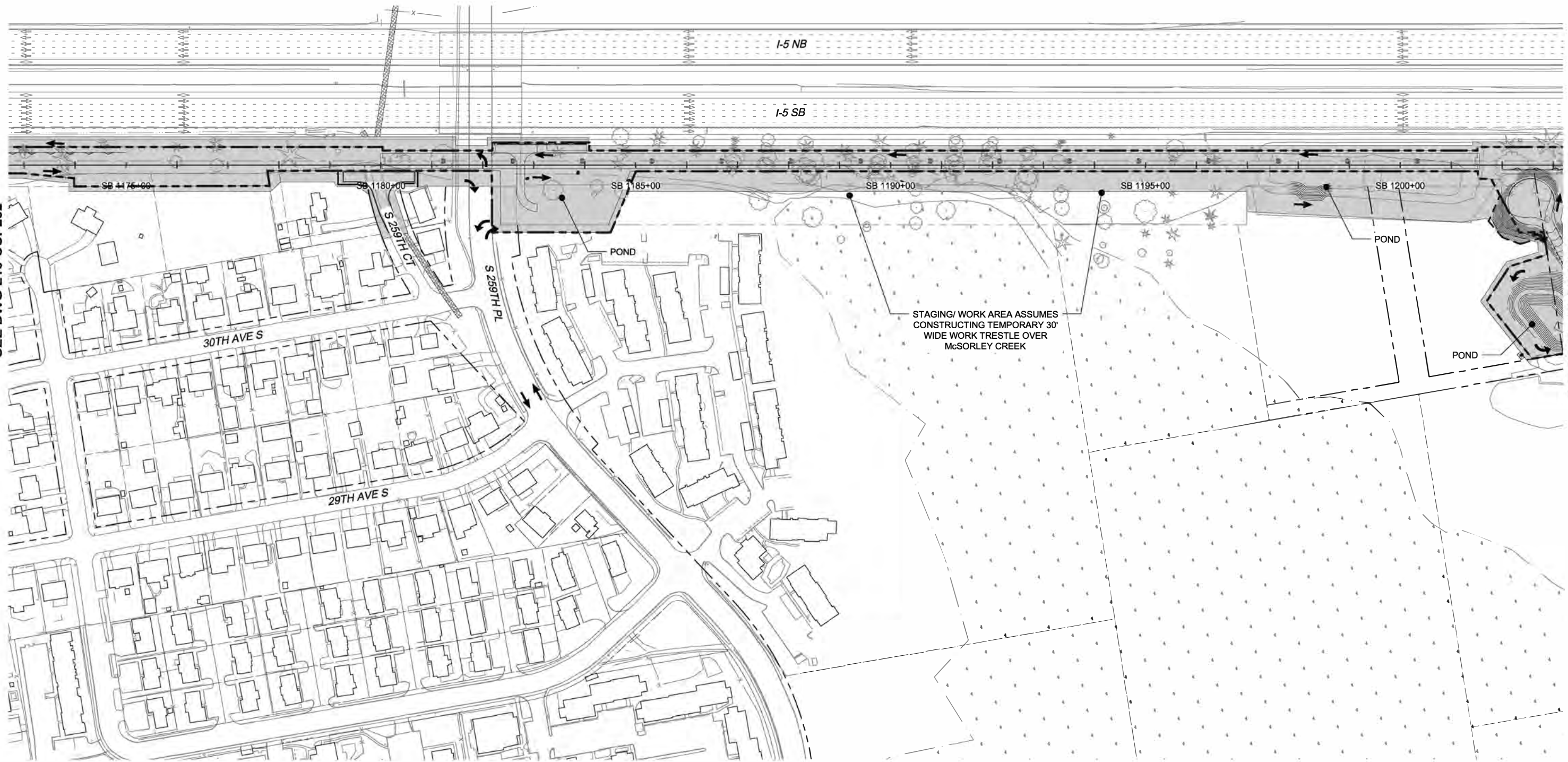
Exhibit G-1m

**SOUND TRANSIT
FEDERAL WAY LINK EXTENSION
PRELIMINARY ENGINEERING PLANS
CONSTRUCTION STAGING, SEQUENCING
AND ACCESS PLANS
SB STA 1144+00 TO SB STA 1174+00**

DRAWING No.:
L10-CCP202
FACILITY ID:
SHEET No.:
206
REV:
#

SEE DWG L10-CCP202

SEE DWG L10-CCP204



LEGEND:



POTENTIAL TRUCK ROUTE MOVEMENTS IN, OUT AND THROUGH, CONSTRUCTION AND STAGING AREA



POTENTIAL GUIDEWAY/ROADWAY CONSTRUCTION AND STAGING AREA



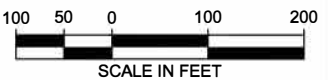
POTENTIAL UTILITY/STORMWATER CONSTRUCTION AND STAGING AREA



LRT WAY

NOTES:

1. SEE TRUCK AND HAUL ROUTE PLANS FOR TRUCK ROUTES OUTSIDE OF THE CONSTRUCTION AND STAGING AREAS.
2. SEE TRACK, CIVIL, STRUCTURAL AND STATION PLANS FOR CONSTRUCTION DETAILS.
3. SEE DETOUR PLANS FOR PROPOSED CLOSURES AND DETOUR ROUTES.
4. SEE ROW PLANS FOR PERMANENT, TEMPORARY AND ACCESS EASEMENTS.
5. LOCAL, RESIDENTIAL, BUSINESS AND EMERGENCY ACCESS SHALL BE MAINTAINED AT ALL TIMES.



PRE FINAL PE SUBMITTAL

DESIGNED BY:
G. GRIJALVA
DRAWN BY:
B. HARRIS
CHECKED BY:
R. ACEVEDO
APPROVED BY:



SUBMITTED BY:
EDWARD HERALD

DATE:
07/29/2016

REVIEWED BY:

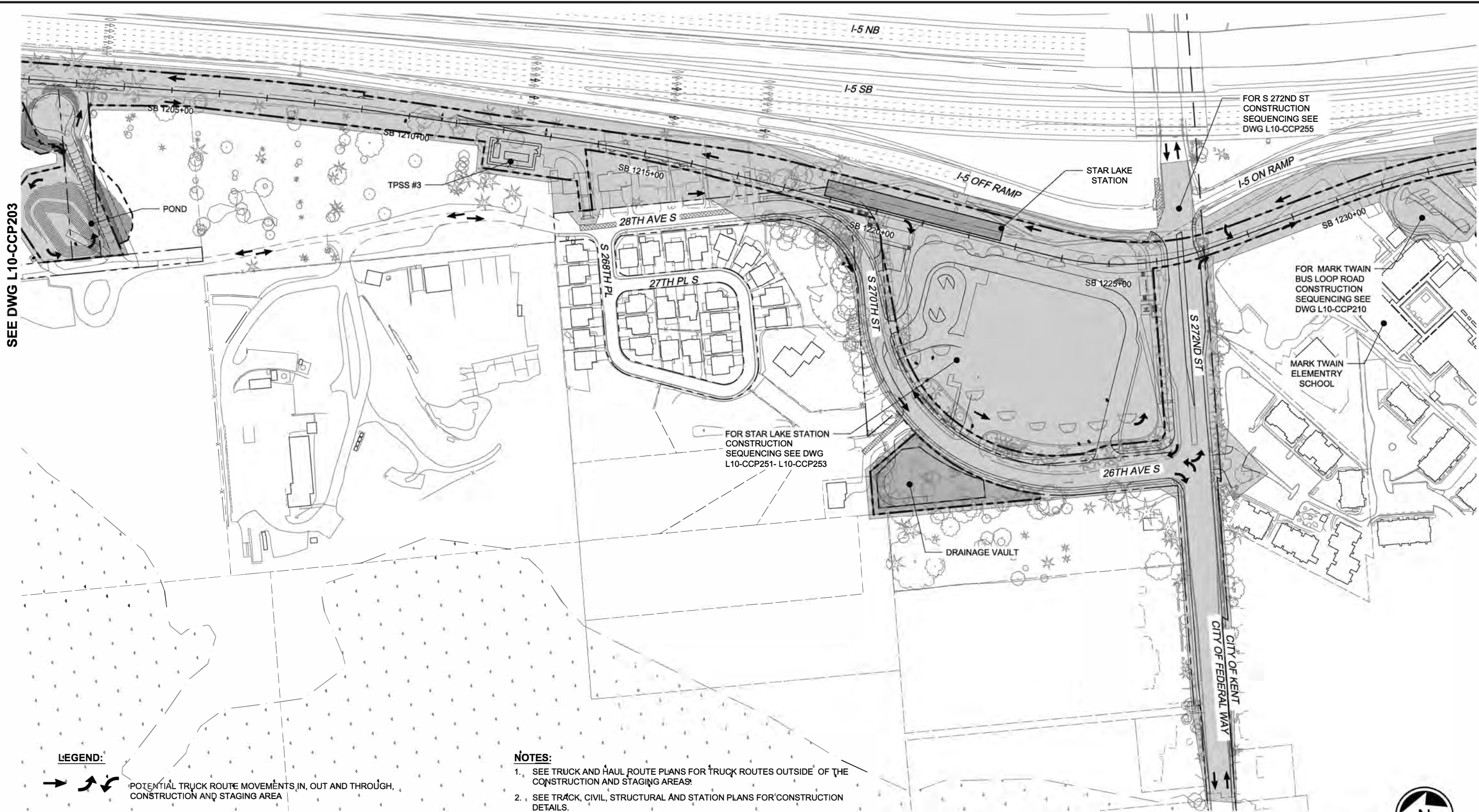


DATE:
07/29/2016

SCALE:
1"=100'
FILENAME:
03_FWEB-L10-CCP200
CONTRACT No.:
DATE:
07/29/2016

Exhibit G-1n
SOUND TRANSIT
FEDERAL WAY LINK EXTENSION
PRELIMINARY ENGINEERING PLANS
CONSTRUCTION STAGING, SEQUENCING
AND ACCESS PLANS
SB STA 1173+00 TO SB STA 1203+00

DRAWING NO.:
L10-CCP203
FACILITY ID:
SHEET No.:
207
REV:
#



SEE DWG L10-CCP203

SEE DWG L15-CCP301

LEGEND:



POTENTIAL TRUCK ROUTE MOVEMENTS IN, OUT AND THROUGH, CONSTRUCTION AND STAGING AREA

POTENTIAL GUIDEWAY/ROADWAY CONSTRUCTION AND STAGING AREA

POTENTIAL UTILITY/STORMWATER CONSTRUCTION AND STAGING AREA

LRT WAY

NOTES:

1. SEE TRUCK AND HAUL ROUTE PLANS FOR TRUCK ROUTES OUTSIDE OF THE CONSTRUCTION AND STAGING AREAS.
2. SEE TRACK, CIVIL, STRUCTURAL AND STATION PLANS FOR CONSTRUCTION DETAILS.
3. SEE DETOUR PLANS FOR PROPOSED CLOSURES AND DETOUR ROUTES.
4. SEE ROW PLANS FOR PERMANENT, TEMPORARY AND ACCESS EASEMENTS.
5. LOCAL, RESIDENTIAL, BUSINESS AND EMERGENCY ACCESS SHALL BE MAINTAINED AT ALL TIMES.



Exhibit G-1o

PRE FINAL PE SUBMITTAL

DESIGNED BY:
G. GRIJALVA
DRAWN BY:
B. HARRIS
CHECKED BY:
R. ACEVEDO
APPROVED BY:



SUBMITTED BY:
EDWARD HERALD

DATE:
07/29/2016

REVIEWED BY:

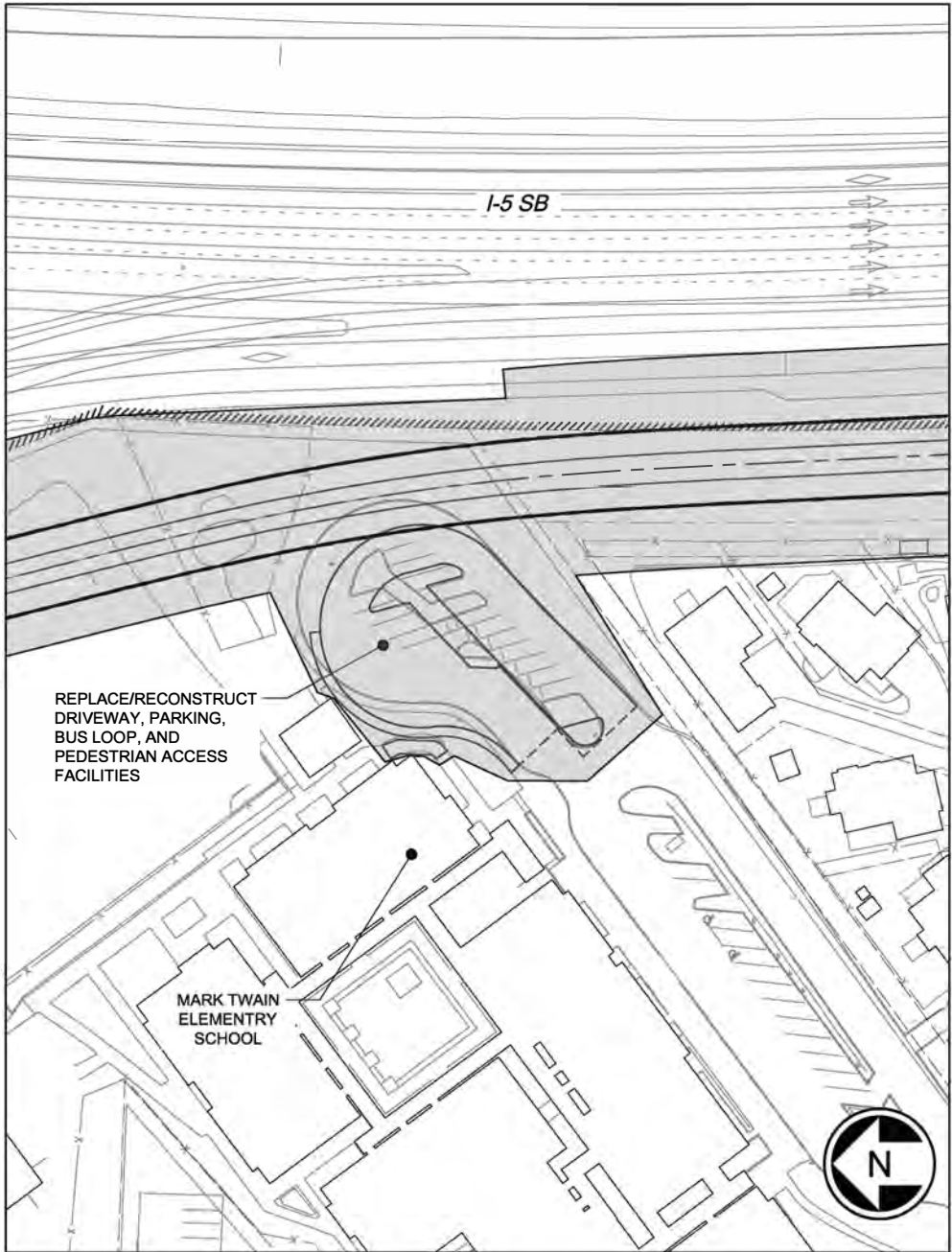
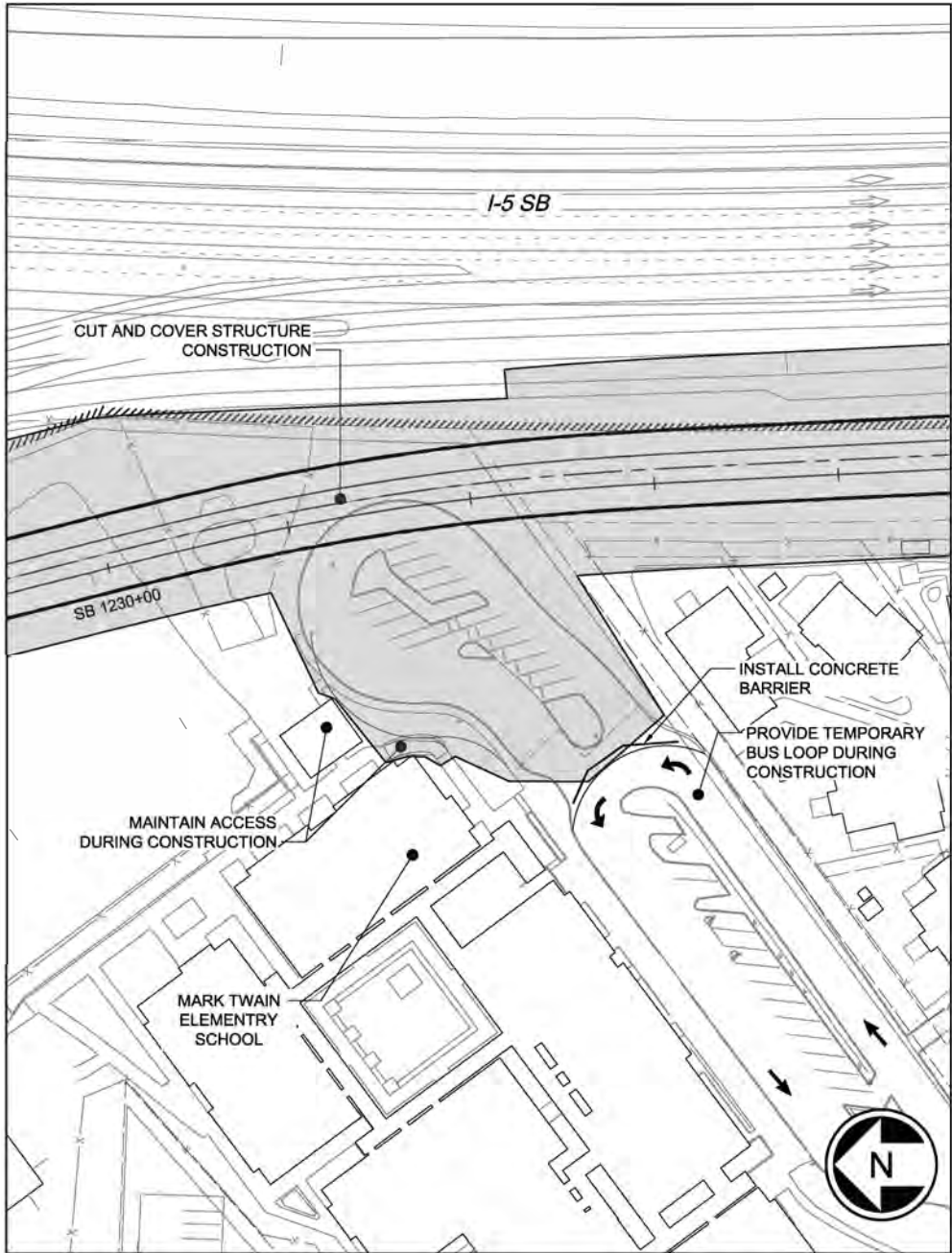
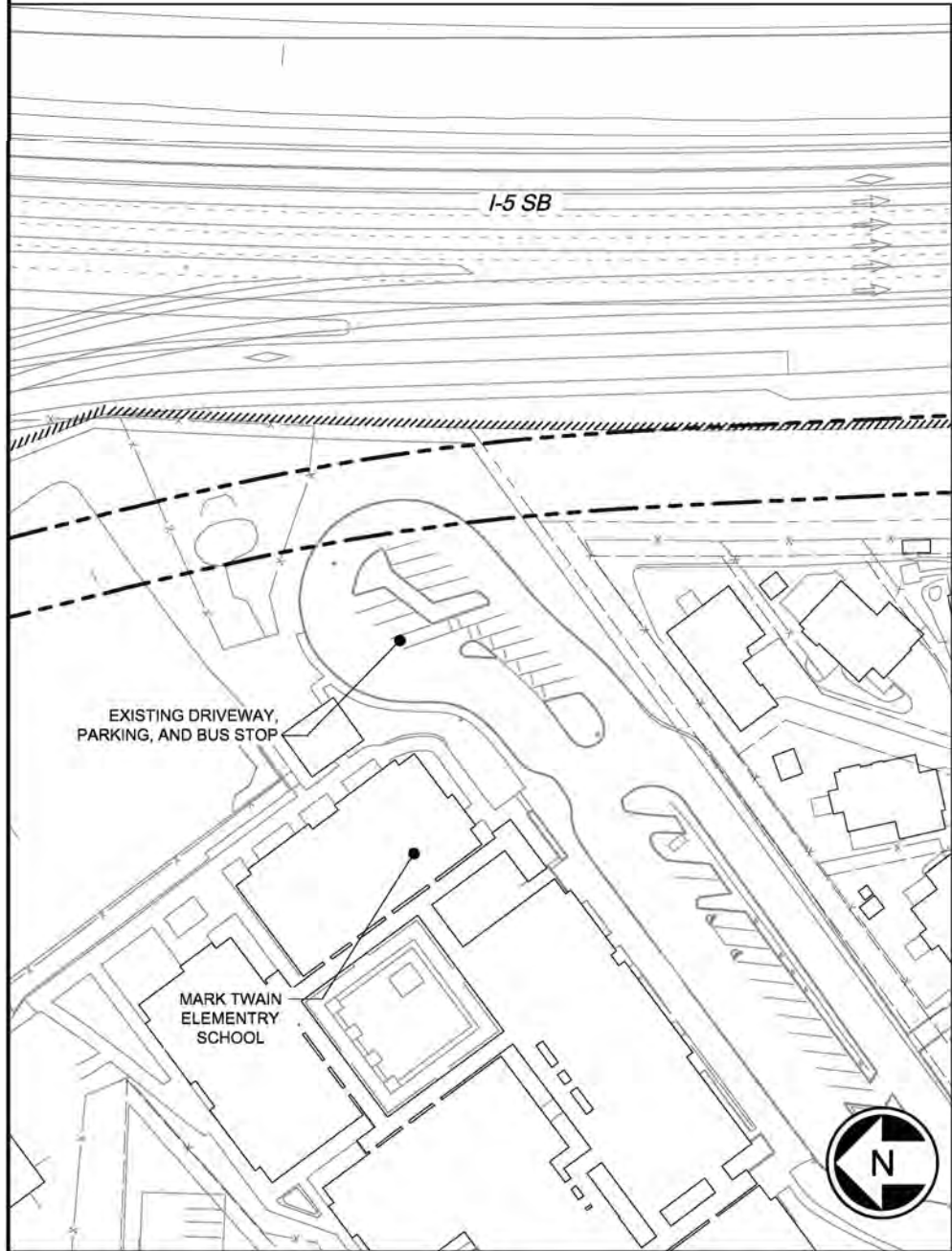


DATE:
07/29/2016

SCALE:
1"=100'
FILENAME:
03_FWEB-L10-CCP200
CONTRACT No.:
DATE:
07/29/2016

**SOUND TRANSIT
FEDERAL WAY LINK EXTENSION
PRELIMINARY ENGINEERING PLANS
CONSTRUCTION STAGING, SEQUENCING
AND ACCESS PLANS
SB STA 1202+00 TO SB STA 1233+00**

DRAWING No.:
L10-CCP204
FACILITY ID:
SHEET No.:
208
REV:
#



LEGEND:



POTENTIAL GUIDEWAY/ROADWAY CONSTRUCTION AND STAGING AREA

EXISTING CONDITIONS

SCALE: 1"=50'

1

BUS LOOP AND PEDESTRIAN ACCESS DURING CONSTRUCTION

SCALE: 1"=50'

2

POST CONSTRUCTION CONDITION

SCALE: 1"=50'

3



SCALE IN FEET

Exhibit G-1p

PRE FINAL PE SUBMITTAL

DESIGNED BY:
G. GRIJALVA
DRAWN BY:
B. HARRIS
CHECKED BY:
R. ACEVEDO
APPROVED BY:



SUBMITTED BY:
EDWARD HERALD

DATE:
07/29/2016

REVIEWED BY:

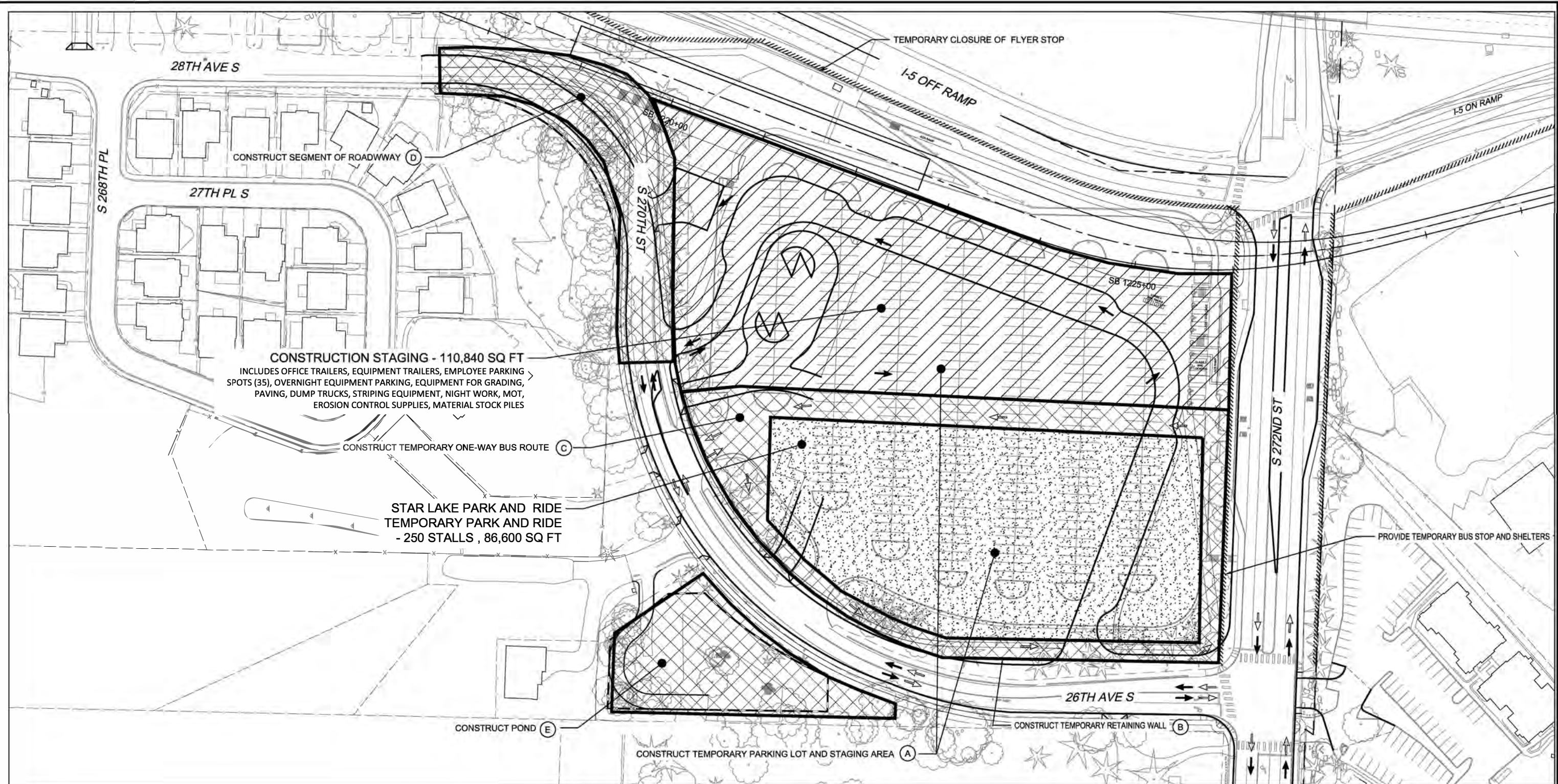


DATE:
07/29/2016

SCALE:
1"=50'
FILENAME:
04_FWEB-L10-CCP210
CONTRACT No.:
DATE:
07/29/2016

**SOUND TRANSIT
FEDERAL WAY LINK EXTENSION
PRELIMINARY ENGINEERING PLANS
CONSTRUCTION STAGING, SEQUENCING
AND ACCESS PLANS
MARK TWAIN BUS LOOP ROAD DURING CONSTRUCTION**

DRAWING No.:
L10-CCP210
FACILITY ID:
SHEET No.:
198
REV:
#



GENERAL NOTES:

- 1) MAINTAIN TRAFFIC ON S 272ND ST, 26TH AVE S AND 28TH AVE S EXCEPT FOR NIGHT TIME LANE CLOSURES FOR WALL CONSTRUCTION AND 28TH AVE S RELOCATION.
- 2) CONSTRUCTION STAGING AS SHOWN FOR THE TEMPORARY STAR LAKE PARK AND RIDE CONSTRUCTION.
- 3) SEE TRUCK AND HAUL ROUTE PLANS FOR TRUCK ROUTES OUTSIDE OF THE CONSTRUCTION AND STORAGE AREAS.

WORKING ACTIVITIES (MONTHS 0-12):

- A) PREPARE STAR LAKE PARK AND RIDE FOR CONSTRUCTION
- B) INSTALL TEMPORARY RETAINING WALL ALONG 26TH AVE S
- C) CONSTRUCT BUS ROUTE FOR THE TEMPORARY STAR LAKE PARK AND RIDE
- D) RECONSTRUCT S 270TH ST
- E) CONSTRUCT DRAINAGE POND

CONSTRUCTION NOTES:

- WORK ACTIVITIES INCLUDE:
- CONCRETE POURED WALL
 - EROSION CONTROL, ROUGH GRADING, DRAINAGE PIPE INSTALLATION, POND GRADING, UTILITIES, PAVING AND STRIPING
 - CONSTRUCTION STAGING, MATERIAL LAYDOWN, JOB TRAILERS, EQUIPMENT TRAILERS, CONSTRUCTION EQUIPMENT PARKING, CONSTRUCTION VEHICLE ROUTING
 - CONSTRUCT 80,000 SF TEMPORARY PARKING

LEGEND

- BUS ROUTE
- HAUL ROUTE FOR TRUCKS
- CONSTRUCTION STAGING AREA
- WORK AREA
- TEMPORARY PARK AND RIDE



PRE FINAL PE SUBMITTAL

DESIGNED BY:
G. GRIJALVA
DRAWN BY:
B. HARRIS
CHECKED BY:
R. ACEVEDO
APPROVED BY:



SUBMITTED BY:
EDWARD HERALD

DATE:
07/29/2016

REVIEWED BY:



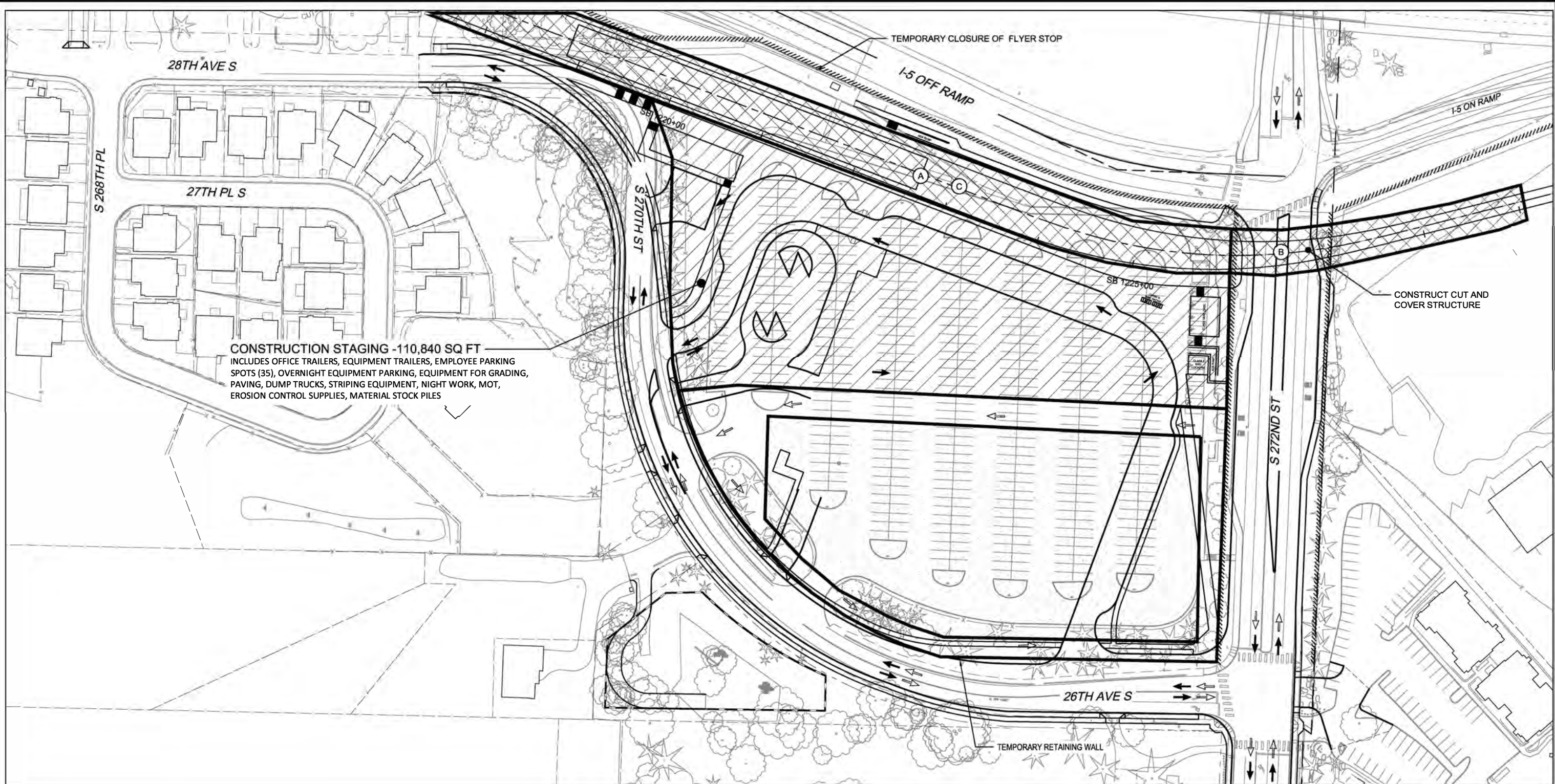
DATE:
07/29/2016

SCALE:
1"=50'
FILENAME:
04_FWEB-L10-CCP210
CONTRACT No.:
DATE:
07/29/2016

Exhibit G-1q

SOUND TRANSIT
FEDERAL WAY LINK EXTENSION
PRELIMINARY ENGINEERING PLANS
CONSTRUCTION STAGING, SEQUENCING
AND ACCESS PLANS
STAR LAKE STATION 1 OF 3

DRAWING No.:
L10-CCP251
FACILITY ID:
SHEET No.:
210
REV:
#



GENERAL NOTES:

- 1) MAINTAIN TRAFFIC ON S 272ND ST, 26TH AVE S AND 28TH AVE S.
- 2) S 272ND ST WILL BE DETOURED AROUND PHASED CONSTRUCTION OF THE TRANSIT UNDERPASS. ALL LANES WILL BE MAINTAINED DURING CONSTRUCTION.
- 3) CONSTRUCTION STAGING AS SHOWN FOR STAR LAKE STATION AND TRENCH CONSTRUCTION.

WORKING ACTIVITIES (MONTHS 12-18):

- A) CONSTRUCT SOIL NAIL WALLS AND CONSTRUCT STAR LAKE STATION TRENCH AND PLATFORM
- B) CONSTRUCT CUT AND COVER STRUCTURE UNDER S 272ND ST
- C) CONSTRUCT DF TRACK SLAB AND PLINTH BLOCKS

CONSTRUCTION NOTES:

- WORK ACTIVITIES INCLUDE:
- SOIL NAIL WALLS, CAST IN PLACE CONCRETE UNDERPASS, STATION PLATFORM COLUMNS, CAST IN PLACE CONCRETE DECK, CAST IN PLACE CONCRETE DF TRACK STRUCTURE
 - EROSION CONTROL, DRAINAGE PIPE INSTALLATION, ROUGH GRADING, UTILITIES

LEGEND

- BUS ROUTE
- HAUL ROUTE FOR TRUCKS
- CONSTRUCTION STAGING AREA
- WORK AREA
- TEMPORARY PARK AND RIDE



Exhibit G-1r

SOUND TRANSIT
FEDERAL WAY LINK EXTENSION
PRELIMINARY ENGINEERING PLANS
CONSTRUCTION STAGING, SEQUENCING
AND ACCESS PLANS
STAR LAKE STATION 2 OF 3

DRAWING No.:	L10-CCP252
FACILITY ID:	
SHEET No.:	211
REV:	#

PRE FINAL PE SUBMITTAL

DESIGNED BY:
G. GRIJALVA
DRAWN BY:
B. HARRIS
CHECKED BY:
R. ACEVEDO
APPROVED BY:



SUBMITTED BY:
EDWARD HERALD

DATE:
07/29/2016

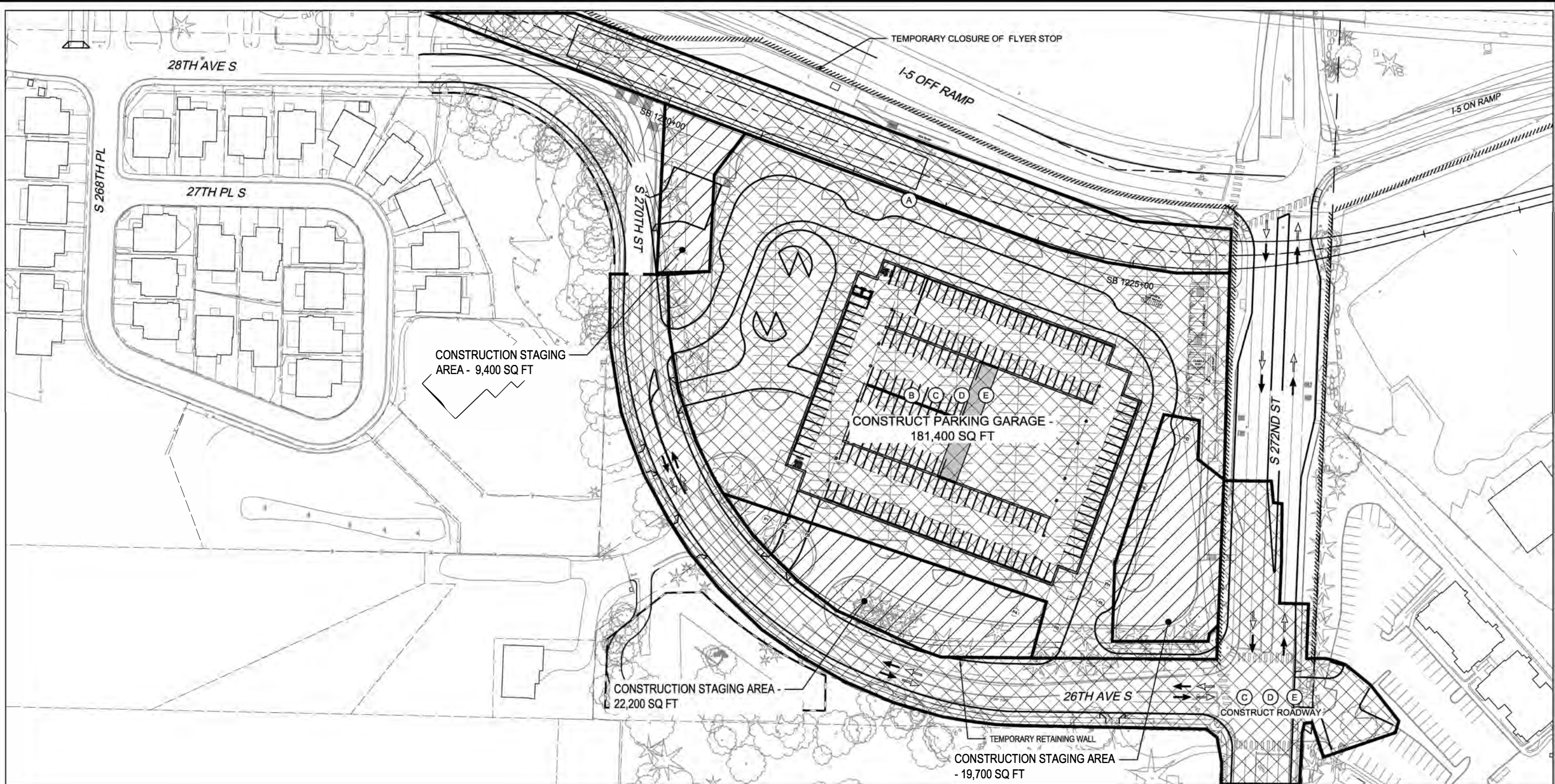
REVIEWED BY:



DATE:
07/29/2016

SCALE:
1"=50'
FILENAME:
04_FWEB-L10-CCP210
CONTRACT No.:

DATE:
07/29/2016



GENERAL NOTES:

- 1) MAINTAIN TRAFFIC ON S 272ND ST, 26TH AVE S AND 28TH AVE S.
- 2) CONSTRUCTION STAGING AS SHOWN FOR STAR LAKE STATION PARKING GARAGE AND STATION ROAD CONSTRUCTION.

WORKING ACTIVITIES (MONTHS 18-30):

- A) INSTALL STAR LAKE STATION PLAZA ITEMS
- B) CONSTRUCT PARKING GARAGE
- C) CONSTRUCT CURB, DRAINAGE AND SIDEWALKS
- D) INSTALL LIGHTS, SIGNS AND TRAFFIC SIGNALS
- E) INSTALL PAVEMENT AND STRIPING

CONSTRUCTION NOTES:

- WORK ACTIVITIES INCLUDE:
- STAR LAKE PARK AND RIDE TO BE VACATED DURING THE PARKING GARAGE CONSTRUCTION
 - UTILITIES, PAVING, STRIPING, LIGHT INSTALLATION, SIGNAL INSTALLATION, TRANSIT PLAZA EQUIPMENT INSTALLATION
 - EROSION CONTROL, DRAINAGE PIPE INSTALLATION, DRAINAGE INLET INSTALLATION, CURB & GUTTER INSTALLATION, SIDEWALK INSTALLATION, FINE GRADING, UTILITIES, PAVING
 - CONSTRUCTION STAGING, MATERIAL LAYDOWN, JOB TRAILERS, EQUIPMENT TRAILERS, CONSTRUCTION EQUIPMENT PARKING, CONSTRUCTION VEHICLE ROUTING

LEGEND

- BUS ROUTE
- HAUL ROUTE FOR TRUCKS
- CONSTRUCTION STAGING AREA
- WORK AREA

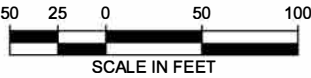
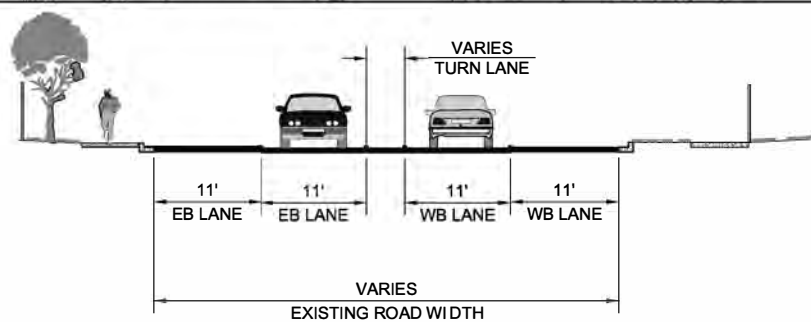
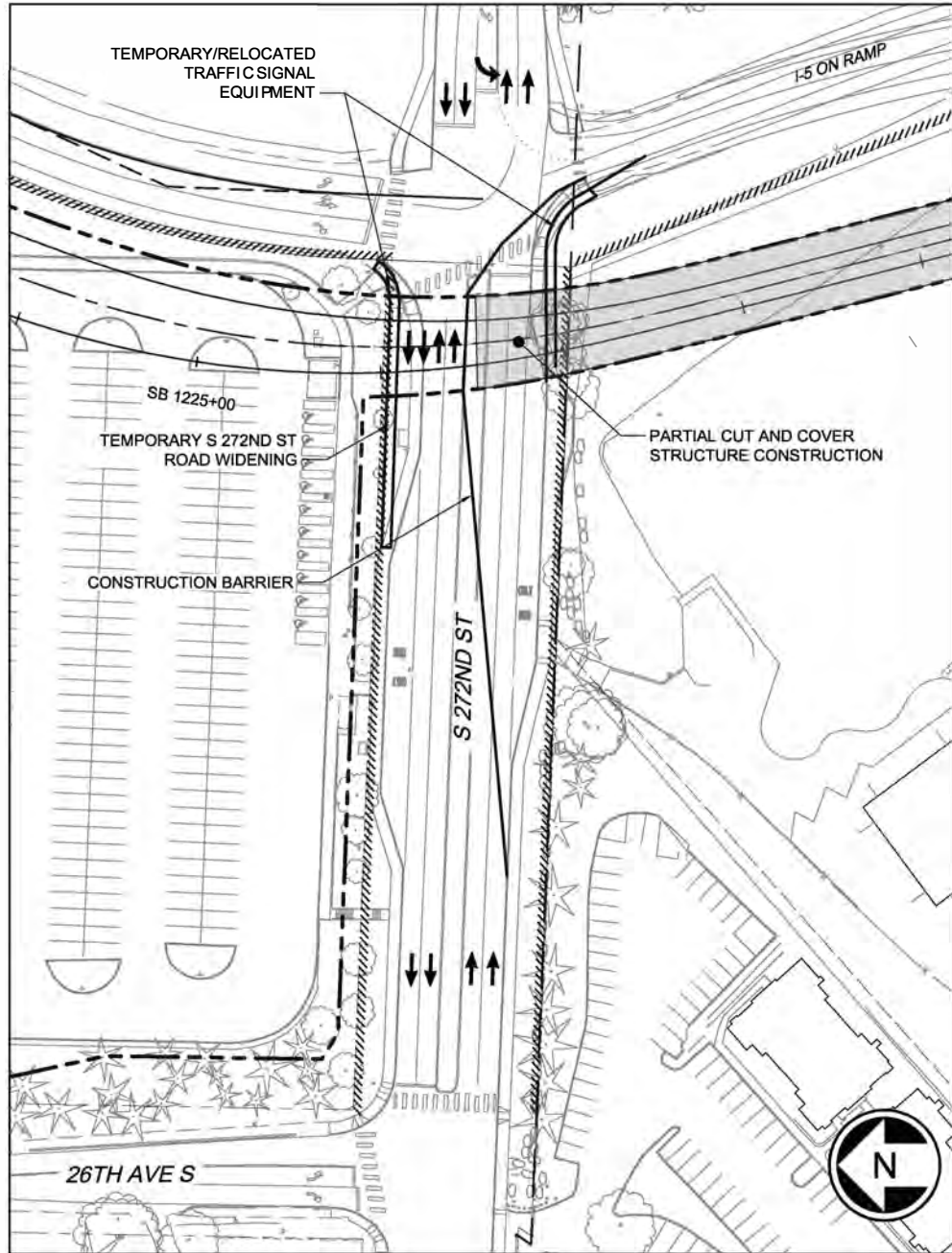
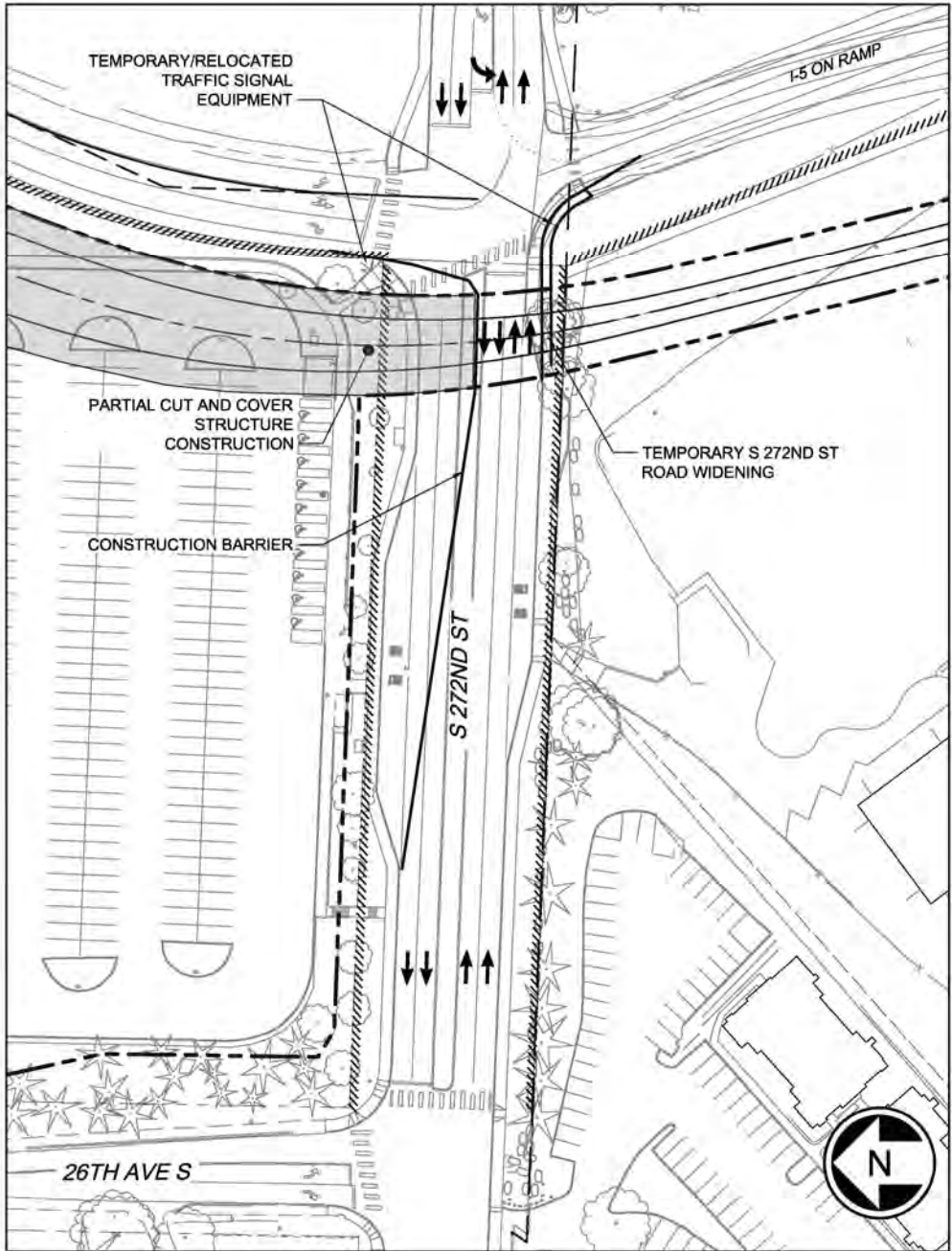
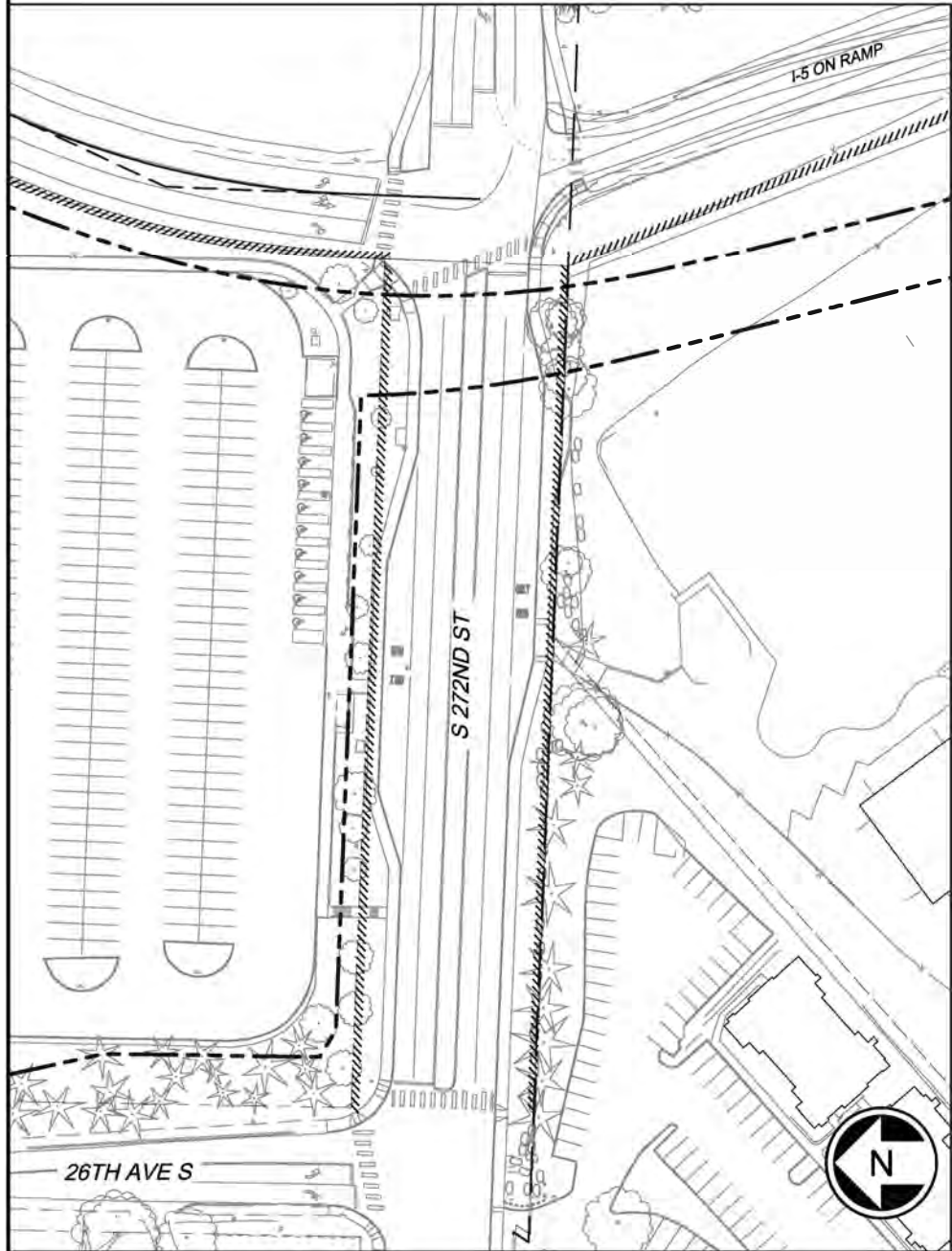


Exhibit G-1s

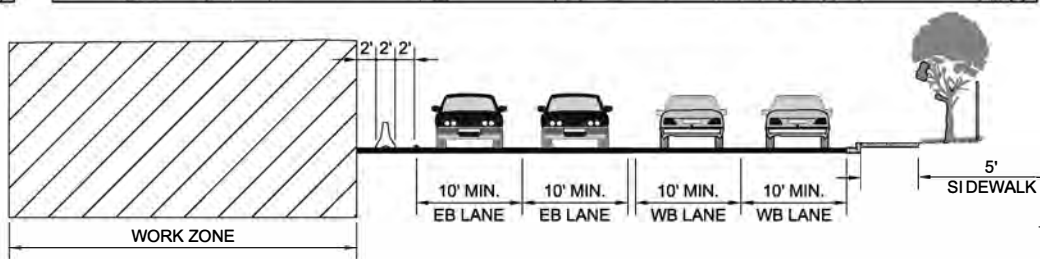
PRE FINAL PE SUBMITTAL										DESIGNED BY: G. GRIJALVA				LINE IS 1" AT FULL SCALE		SCALE: 1"=50'		SOUND TRANSIT FEDERAL WAY LINK EXTENSION PRELIMINARY ENGINEERING PLANS CONSTRUCTION STAGING, SEQUENCING AND ACCESS PLANS STAR LAKE STATION 3 OF 3	DRAWING No.: L10-CCP253							
										DRAWN BY: B. HARRIS						FILENAME: 04_FWEB-L10-CCP210			FACILITY ID:							
										CHECKED BY: R. ACEVEDO						CONTRACT No.:			SHEET No.:		REV:					
										APPROVED BY:						DATE: 07/29/2016			REVIEWED BY:		DATE: 07/29/2016		212		#	
No.	DATE	DSN	CHK	APP	REVISION	SUBMITTED BY: EDWARD HERALD		DATE: 07/29/2016		REVIEWED BY:		DATE: 07/29/2016		DATE: 07/29/2016												

SOUND TRANSIT
FEDERAL WAY LINK EXTENSION
PRELIMINARY ENGINEERING PLANS
CONSTRUCTION STAGING, SEQUENCING
AND ACCESS PLANS
STAR LAKE STATION 3 OF 3



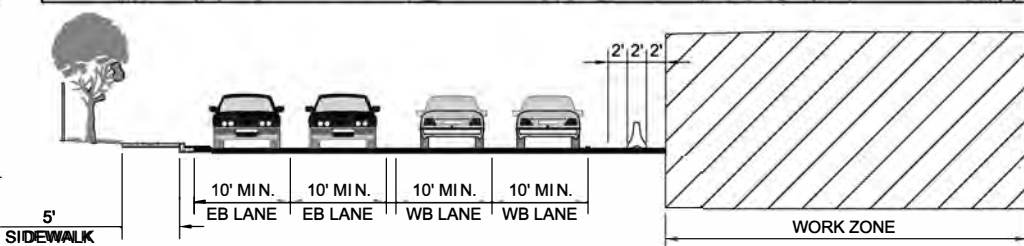
EXISTING CONDITIONS
NTS

1



PHASE I
NTS

2



PHASE II
NTS

3



Exhibit G-1t

PRE FINAL PE SUBMITTAL

DESIGNED BY:
K. S. KAI
DRAWN BY:
B. HARRIS
CHECKED BY:
R. ACEVEDO
APPROVED BY:



SUBMITTED BY:
EDWARD HERALD

DATE:
07/29/2016

REVIEWED BY:



DATE:
07/29/2016

SCALE:
1"=50'
FILENAME:
04_FWEB-L10-CCP210
CONTRACT No.:
DATE:
07/29/2016

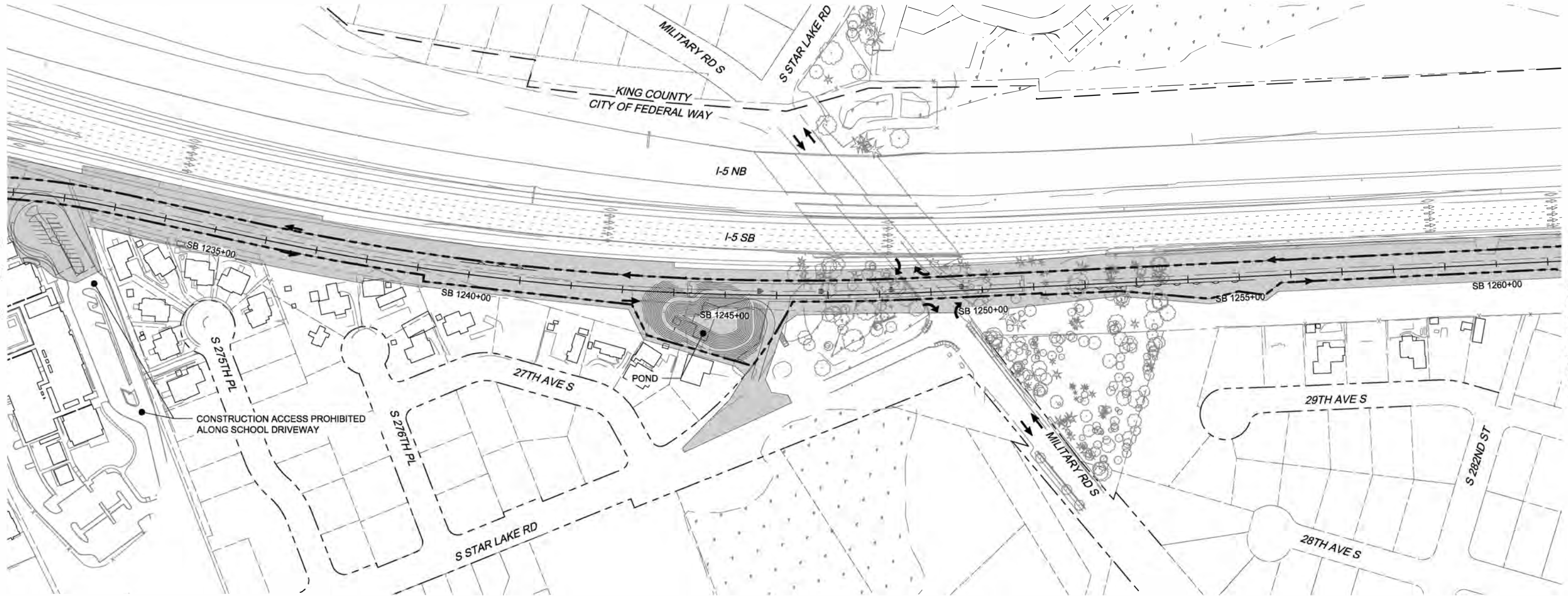
**SOUND TRANSIT
FEDERAL WAY LINK EXTENSION
PRELIMINARY ENGINEERING PLANS
CONSTRUCTION STAGING, SEQUENCING
AND ACCESS PLANS
S 272ND ST - PHASING DURING CONSTRUCTION**

DRAWING No.:
L10-CCP255
FACILITY ID:
SHEET No.:
202
REV:
#

No.	DATE	DSN	CHK	APP	REVISION

SEE DWG L10-CCP204

SEE DWG L15-CCP302



LEGEND:



POTENTIAL TRUCK ROUTE MOVEMENTS IN, OUT AND THROUGH, CONSTRUCTION AND STAGING AREA



POTENTIAL GUIDEWAY/ROADWAY CONSTRUCTION AND STAGING AREA



POTENTIAL UTILITY/STORMWATER CONSTRUCTION AND STAGING AREA

LRT WAY

NOTES:

1. SEE TRUCK AND HAUL ROUTE PLANS FOR TRUCK ROUTES OUTSIDE OF THE CONSTRUCTION AND STAGING AREAS.
2. SEE TRACK, CIVIL, STRUCTURAL AND STATION PLANS FOR CONSTRUCTION DETAILS.
3. SEE DETOUR PLANS FOR PROPOSED CLOSURES AND DETOUR ROUTES.
4. SEE ROW PLANS FOR PERMANENT, TEMPORARY AND ACCESS EASEMENTS.
5. LOCAL, RESIDENTIAL, BUSINESS AND EMERGENCY ACCESS SHALL BE MAINTAINED AT ALL TIMES.



PRE FINAL PE SUBMITTAL

DESIGNED BY:
G. GRIJALVA
DRAWN BY:
B. HARRIS
CHECKED BY:
R. ACEVEDO
APPROVED BY:



SUBMITTED BY:
EDWARD HERALD

DATE:
07/29/2016

REVIEWED BY:



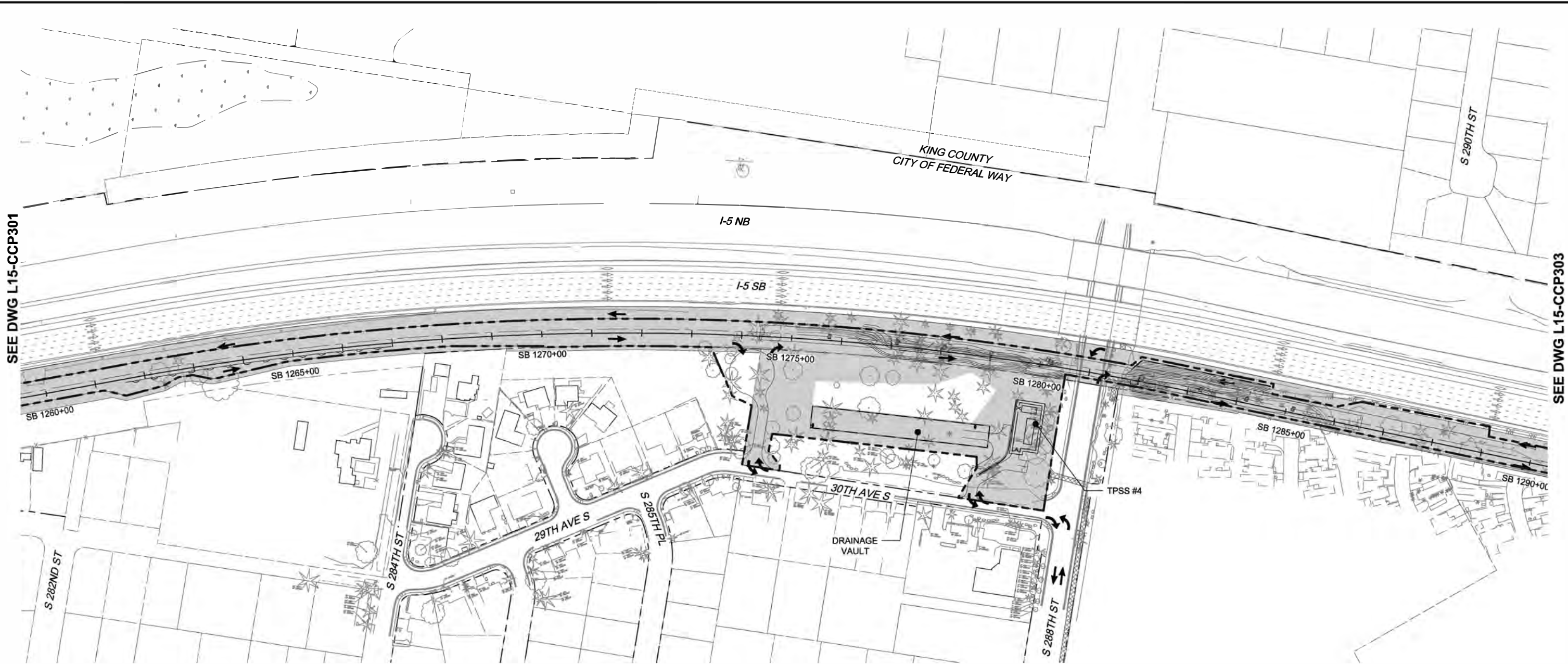
DATE:
07/29/2016

SCALE:
1"=100'
FILENAME:
05_FWEC-L15-CCP300
CONTRACT No.:
DATE:
07/29/2016

Exhibit G-1u

**SOUND TRANSIT
FEDERAL WAY LINK EXTENSION**
PRELIMINARY ENGINEERING PLANS
CONSTRUCTION STAGING, SEQUENCING
AND ACCESS PLANS
SB STA 1231+00 TO SB STA 1261+00

DRAWING No.:
L15-CCP301
FACILITY ID:
SHEET No.:
214
REV:
#



LEGEND:



POTENTIAL TRUCK ROUTE MOVEMENTS IN, OUT AND THROUGH, CONSTRUCTION AND STAGING AREA



POTENTIAL GUIDEWAY/ROADWAY CONSTRUCTION AND STAGING AREA



POTENTIAL UTILITY/STORMWATER CONSTRUCTION AND STAGING AREA

--- LRT WAY

NOTES:

1. SEE TRUCK AND HAUL ROUTE PLANS FOR TRUCK ROUTES OUTSIDE OF THE CONSTRUCTION AND STAGING AREAS.
2. SEE TRACK, CIVIL, STRUCTURAL AND STATION PLANS FOR CONSTRUCTION DETAILS.
3. SEE DETOUR PLANS FOR PROPOSED CLOSURES AND DETOUR ROUTES.
4. SEE ROW PLANS FOR PERMANENT, TEMPORARY AND ACCESS EASEMENTS.
5. LOCAL, RESIDENTIAL, BUSINESS AND EMERGENCY ACCESS SHALL BE MAINTAINED AT ALL TIMES.



Exhibit G-1v

PRE FINAL PE SUBMITTAL

DESIGNED BY:
G. GRIJALVA
DRAWN BY:
B. HARRIS
CHECKED BY:
R. ACEVEDO
APPROVED BY:



SUBMITTED BY:
EDWARD HERALD

DATE:
07/29/2016

REVIEWED BY:

LINE IS 1" AT
FULL SCALE



DATE:
07/29/2016

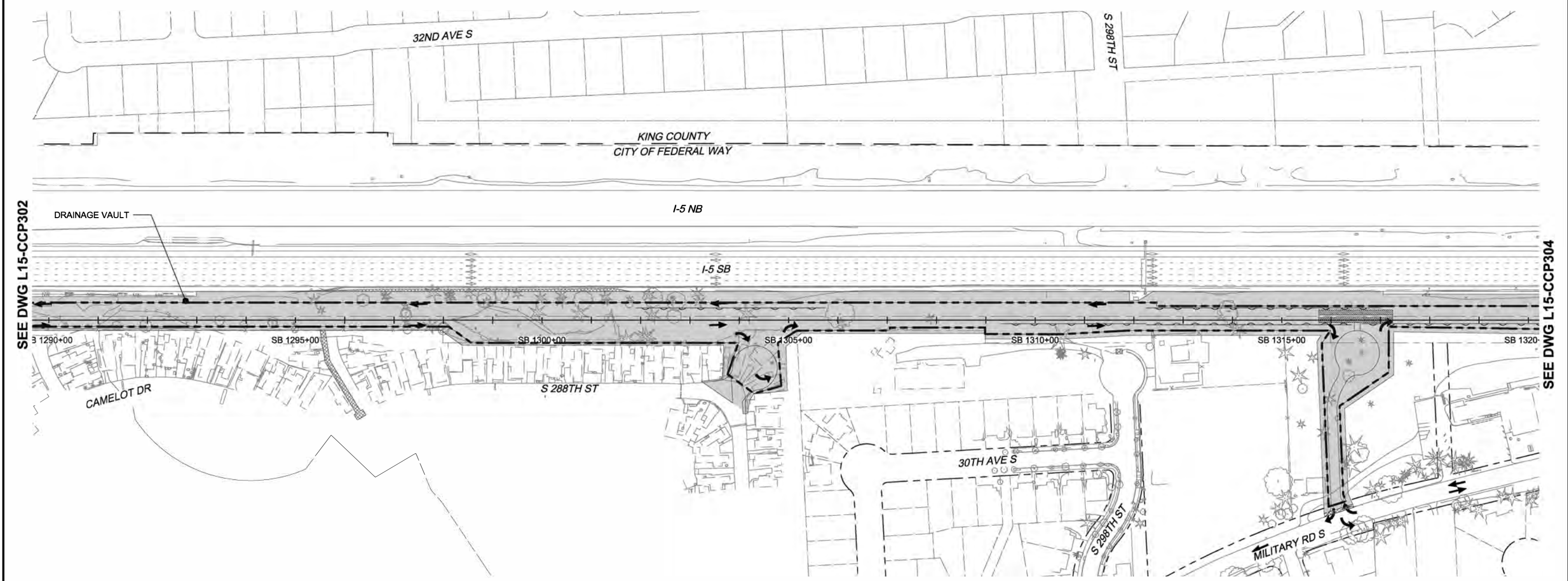
SCALE:
1"=100'
FILENAME:
05_FWEC-L15-CCP300
CONTRACT No.:
DATE:
07/29/2016

**SOUND TRANSIT
FEDERAL WAY LINK EXTENSION
PRELIMINARY ENGINEERING PLANS
CONSTRUCTION STAGING, SEQUENCING
AND ACCESS PLANS
SB STA 1260+00 TO SB STA 1290+00**

DRAWING No.:
L15-CCP302
FACILITY ID:
SHEET No.:
215
REV:
#

SEE DWG L15-CCP302

SEE DWG L15-CCP304



LEGEND:

- POTENTIAL TRUCK ROUTE MOVEMENTS IN, OUT AND THROUGH, CONSTRUCTION AND STAGING AREA
- POTENTIAL GUIDEWAY/ROADWAY CONSTRUCTION AND STAGING AREA
- POTENTIAL UTILITY/STORMWATER CONSTRUCTION AND STAGING AREA
- LRT WAY

NOTES:

1. SEE TRUCK AND HAUL ROUTE PLANS FOR TRUCK ROUTES OUTSIDE OF THE CONSTRUCTION AND STAGING AREAS.
2. SEE TRACK, CIVIL, STRUCTURAL AND STATION PLANS FOR CONSTRUCTION DETAILS.
3. SEE DETOUR PLANS FOR PROPOSED CLOSURES AND DETOUR ROUTES.
4. SEE ROW PLANS FOR PERMANENT, TEMPORARY AND ACCESS EASEMENTS.
5. LOCAL, RESIDENTIAL, BUSINESS AND EMERGENCY ACCESS SHALL BE MAINTAINED AT ALL TIMES.



PRE FINAL PE SUBMITTAL

DESIGNED BY:
G. GRIJALVA
DRAWN BY:
B. HARRIS
CHECKED BY:
R. ACEVEDO
APPROVED BY:



SUBMITTED BY:
EDWARD HERALD

DATE:
07/29/2016

REVIEWED BY:



DATE:
07/29/2016

SCALE:
1"=100'
FILENAME:
05_FWEC-L15-CCP300
CONTRACT No.:
DATE:
07/29/2016

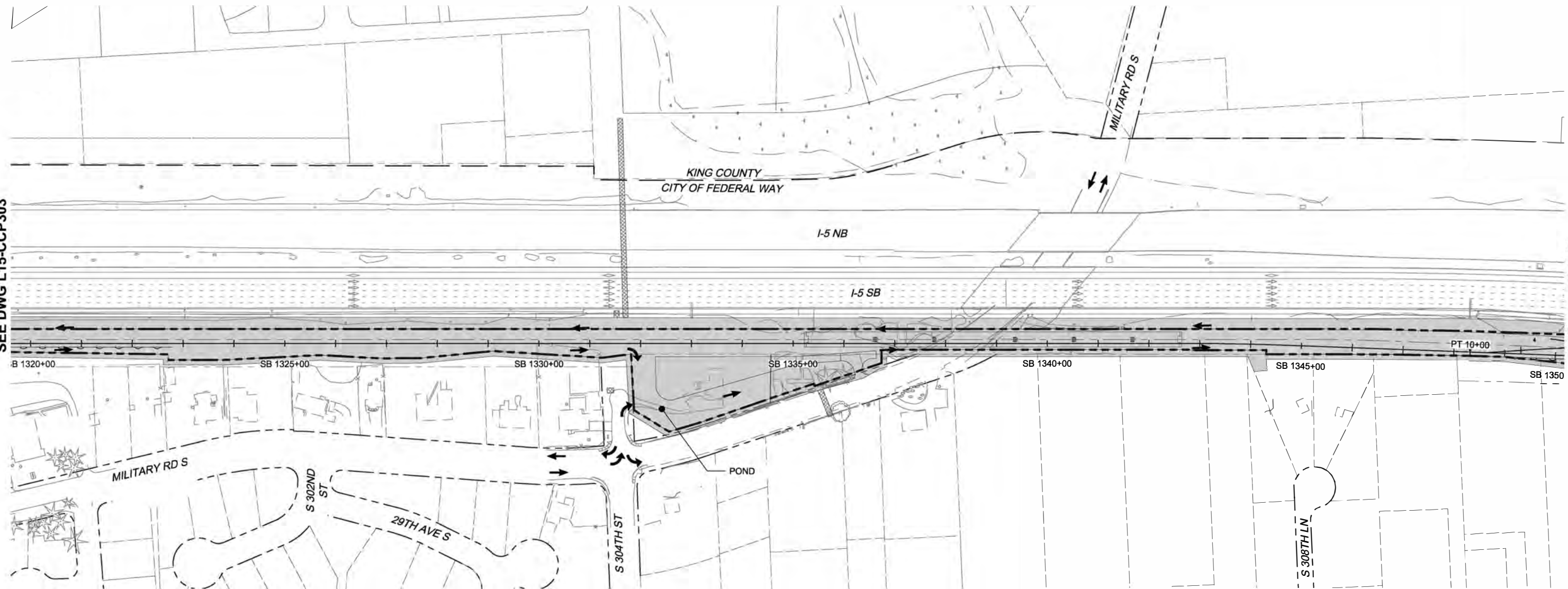
Exhibit G-1w
SOUND TRANSIT
FEDERAL WAY LINK EXTENSION
PRELIMINARY ENGINEERING PLANS
CONSTRUCTION STAGING, SEQUENCING
AND ACCESS PLANS
SB STA 1290+00 TO SB STA 1320+00

DRAWING No.:
L15-CCP303
FACILITY ID:
SHEET No.:
216
REV:
#

07/29/2016 4:13 PM | HARRISBK
C:\P\WORKING\SEADT\549510105_FWEC-L15-CCP300.DWG

SEE DWG L15-CCP303

SEE DWG L15-CCP305



LEGEND:



POTENTIAL TRUCK ROUTE MOVEMENTS IN, OUT AND THROUGH, CONSTRUCTION AND STAGING AREA



POTENTIAL GUIDEWAY/ROADWAY CONSTRUCTION AND STAGING AREA



POTENTIAL UTILITY/STORMWATER CONSTRUCTION AND STAGING AREA

--- LRT WAY

NOTES:

1. SEE TRUCK AND HAUL ROUTE PLANS FOR TRUCK ROUTES OUTSIDE OF THE CONSTRUCTION AND STAGING AREAS.
2. SEE TRACK, CIVIL, STRUCTURAL AND STATION PLANS FOR CONSTRUCTION DETAILS.
3. SEE DETOUR PLANS FOR PROPOSED CLOSURES AND DETOUR ROUTES.
4. SEE ROW PLANS FOR PERMANENT, TEMPORARY AND ACCESS EASEMENTS.
5. LOCAL, RESIDENTIAL, BUSINESS AND EMERGENCY ACCESS SHALL BE MAINTAINED AT ALL TIMES.



Exhibit G-1x

PRE FINAL PE SUBMITTAL

DESIGNED BY:
G. GRIJALVA
DRAWN BY:
B. HARRIS
CHECKED BY:
R. ACEVEDO
APPROVED BY:



SUBMITTED BY:
EDWARD HERALD

DATE:
07/29/2016

REVIEWED BY:

LINE IS 1" AT
FULL SCALE



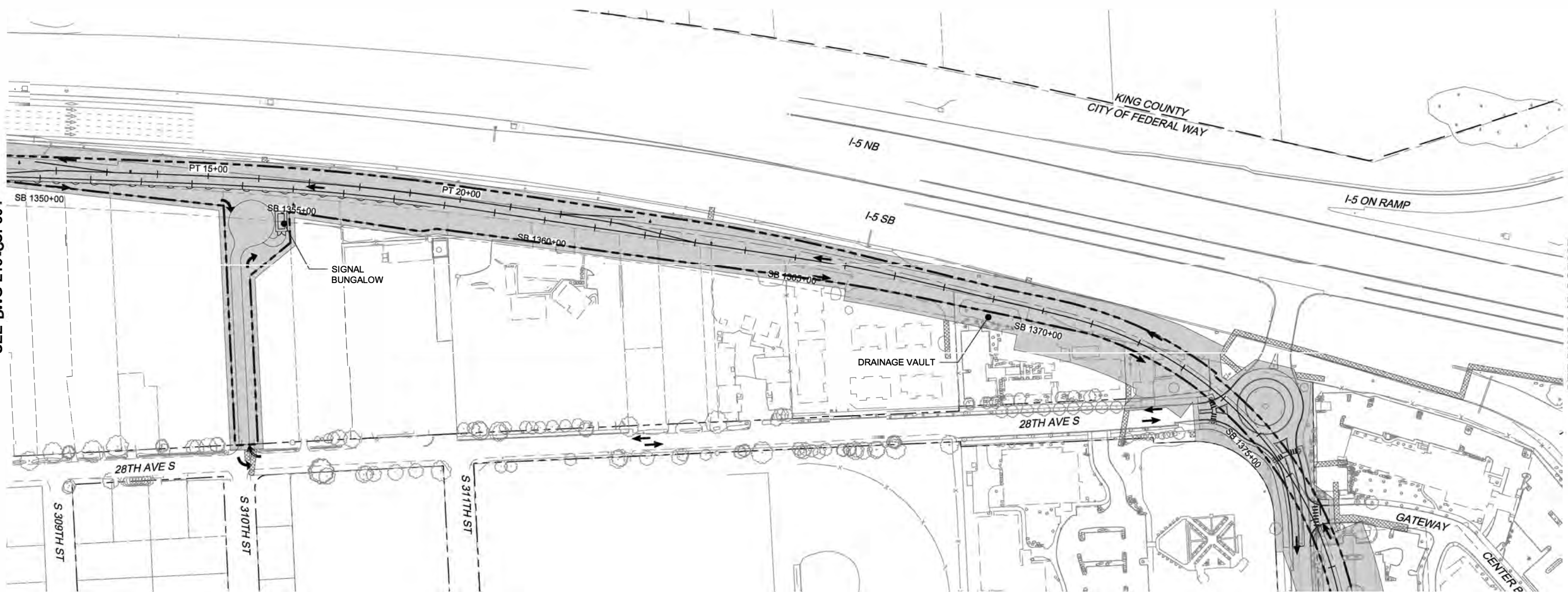
SCALE:
1"=100'
FILENAME:
05_FWEC-L15-CCP300
CONTRACT No.:
DATE:
07/29/2016

SOUND TRANSIT
FEDERAL WAY LINK EXTENSION
PRELIMINARY ENGINEERING PLANS
CONSTRUCTION STAGING, SEQUENCING
AND ACCESS PLANS
SB STA 1320+00 TO SB STA 1350+00

DRAWING No.:
L15-CCP304
FACILITY ID:
SHEET No.:
217
REV:
#

SEE DWG L15-CCP304

SEE DWG L15-CCP307



SEE DWG L15-CCP306

LEGEND:

- POTENTIAL TRUCK ROUTE MOVEMENTS IN, OUT AND THROUGH, CONSTRUCTION AND STAGING AREA
- POTENTIAL GUIDEWAY/ROADWAY CONSTRUCTION AND STAGING AREA
- POTENTIAL UTILITY/STORMWATER CONSTRUCTION AND STAGING AREA
- LRT WAY

NOTES:

1. SEE TRUCK AND HAUL ROUTE PLANS FOR TRUCK ROUTES OUTSIDE OF THE CONSTRUCTION AND STAGING AREAS.
2. SEE TRACK, CIVIL, STRUCTURAL AND STATION PLANS FOR CONSTRUCTION DETAILS.
3. SEE DETOUR PLANS FOR PROPOSED CLOSURES AND DETOUR ROUTES.
4. SEE ROW PLANS FOR PERMANENT, TEMPORARY AND ACCESS EASEMENTS.
5. LOCAL, RESIDENTIAL, BUSINESS AND EMERGENCY ACCESS SHALL BE MAINTAINED AT ALL TIMES.



Exhibit G-1y

PRE FINAL PE SUBMITTAL

DESIGNED BY:
G. GRIJALVA
DRAWN BY:
B. HARRIS
CHECKED BY:
R. ACEVEDO
APPROVED BY:



SUBMITTED BY:
EDWARD HERALD

DATE:
07/29/2016

REVIEWED BY:



DATE:
07/29/2016

SCALE:
1"=100'
FILENAME:
05_FWEC-L15-CCP300
CONTRACT No.:
DATE:
07/29/2016

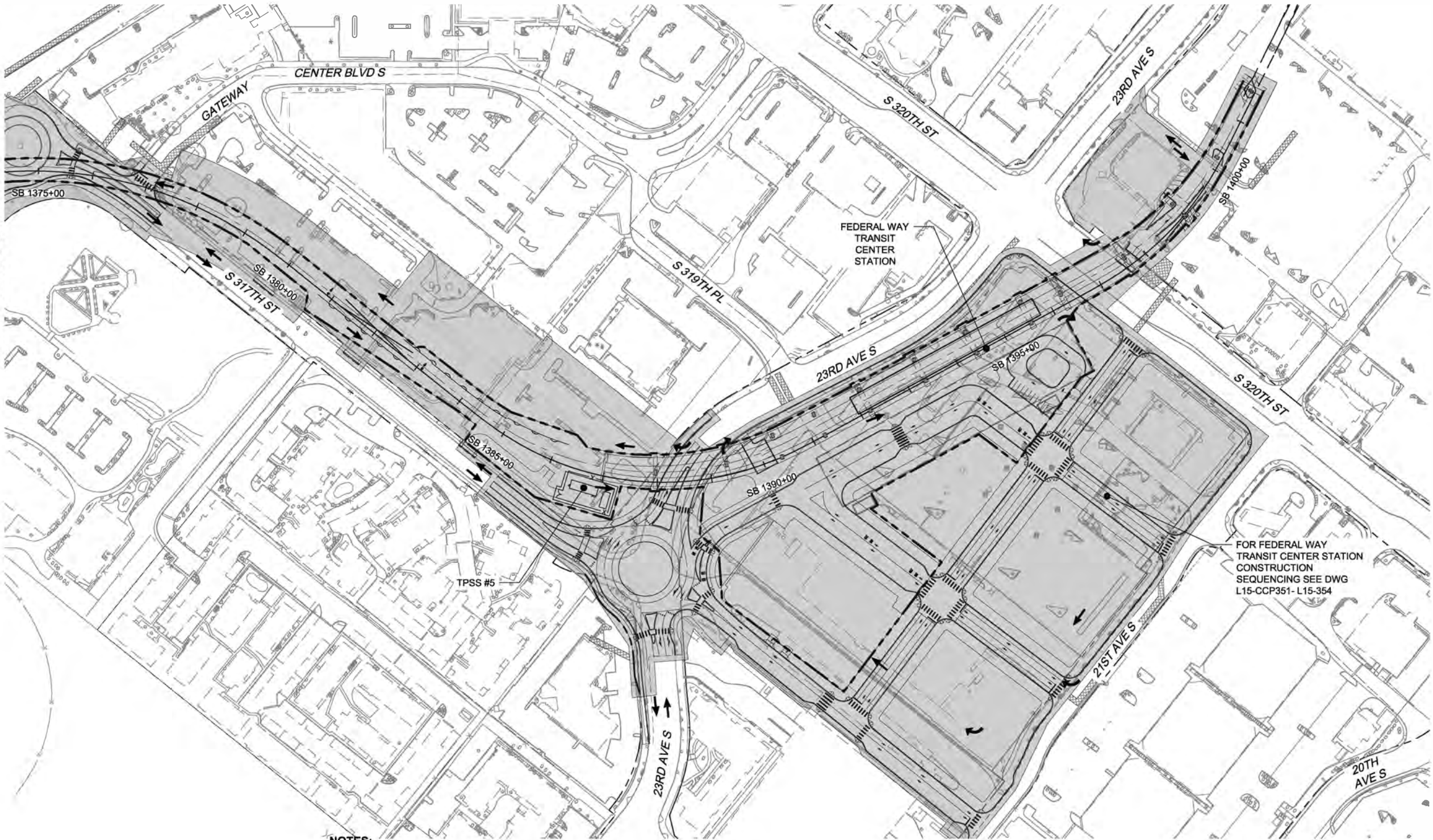
SOUND TRANSIT
FEDERAL WAY LINK EXTENSION
PRELIMINARY ENGINEERING PLANS
CONSTRUCTION STAGING, SEQUENCING
AND ACCESS PLANS
SB STA 1350+00 TO SB STA 1377+00

Facility ID:
L15-CCP305
SHEET No.:
218
REV:
#

07/29/2016 4:14 PM | HARRISBK
C:\P\WORKING\SEAD\1549510\05_FWEC-L15-CCP300.DWG

SEE DWG L15-CCP307

SEE DWG L15-CCP305



LEGEND:



POTENTIAL TRUCK ROUTE MOVEMENTS IN, OUT AND THROUGH, CONSTRUCTION AND STAGING AREA



POTENTIAL GUIDEWAY/ROADWAY CONSTRUCTION AND STAGING AREA



POTENTIAL UTILITY/STORMWATER CONSTRUCTION AND STAGING AREA

--- LRT WAY

NOTES:

1. SEE TRUCK AND HAUL ROUTE PLANS FOR TRUCK ROUTES OUTSIDE OF THE CONSTRUCTION AND STAGING AREAS.
2. SEE TRACK, CIVIL, STRUCTURAL AND STATION PLANS FOR CONSTRUCTION DETAILS.
3. SEE DETOUR PLANS FOR PROPOSED CLOSURES AND DETOUR ROUTES.
4. SEE ROW PLANS FOR PERMANENT, TEMPORARY AND ACCESS EASEMENTS.
5. LOCAL, RESIDENTIAL, BUSINESS AND EMERGENCY ACCESS SHALL BE MAINTAINED AT ALL TIMES.



Exhibit G-1z

PRE FINAL PE SUBMITTAL

DESIGNED BY:
G. GRIJALVA
DRAWN BY:
B. HARRIS
CHECKED BY:
R. ACEVEDO
APPROVED BY:



SUBMITTED BY:
EDWARD HERALD

DATE:
07/29/2016

REVIEWED BY:



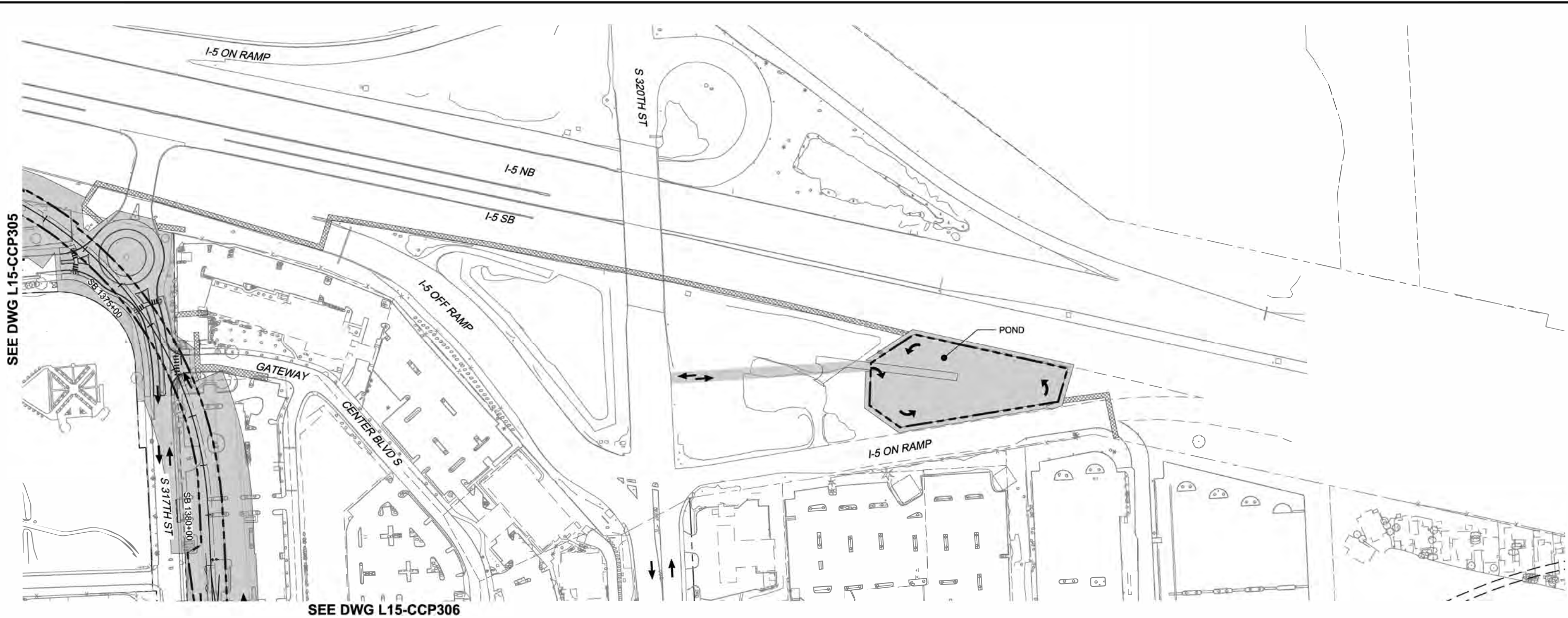
DATE:
07/29/2016

SCALE:
1"=100'
FILENAME:
05_FWEC-L15-CCP300
CONTRACT No.:
DATE:
07/29/2016

SOUND TRANSIT
FEDERAL WAY LINK EXTENSION
PRELIMINARY ENGINEERING PLANS
CONSTRUCTION STAGING, SEQUENCING
AND ACCESS PLANS
SB STA 1375+00 TO SB STA 1402+00

DRAWING No.:
L15-CCP306
FACILITY ID:
SHEET No.:
219
REV:
#

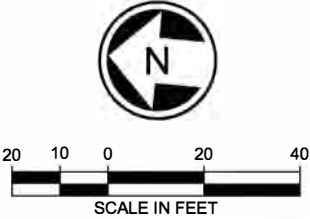
07/29/2016 4:14 PM | HARRISBK
C:\P\WORKING\SEAD\1549510105_FWEC-L15-CCP300.DWG



LEGEND:

- POTENTIAL TRUCK ROUTE MOVEMENTS IN, OUT AND THROUGH, CONSTRUCTION AND STAGING AREA
- POTENTIAL GUIDEWAY/ROADWAY CONSTRUCTION AND STAGING AREA
- POTENTIAL UTILITY/STORMWATER CONSTRUCTION AND STAGING AREA
- LRT WAY

- NOTES:
- 1. SEE TRUCK AND HAUL ROUTE PLANS FOR TRUCK ROUTES OUTSIDE OF THE CONSTRUCTION AND STAGING AREAS.
 - 2. SEE TRACK, CIVIL, STRUCTURAL AND STATION PLANS FOR CONSTRUCTION DETAILS.
 - 3. SEE DETOUR PLANS FOR PROPOSED CLOSURES AND DETOUR ROUTES.
 - 4. SEE ROW PLANS FOR PERMANENT, TEMPORARY AND ACCESS EASEMENTS.
 - 5. LOCAL, RESIDENTIAL, BUSINESS AND EMERGENCY ACCESS SHALL BE MAINTAINED AT ALL TIMES.



PRE FINAL PE SUBMITTAL

No.	DATE	DSN	CHK	APP	REVISION

DESIGNED BY: G. GRIJALVA	
DRAWN BY: B. HARRIS	
CHECKED BY: R. ACEVEDO	
APPROVED BY:	

SUBMITTED BY:
EDWARD HERALD

DATE:
07/29/2016

REVIEWED BY:

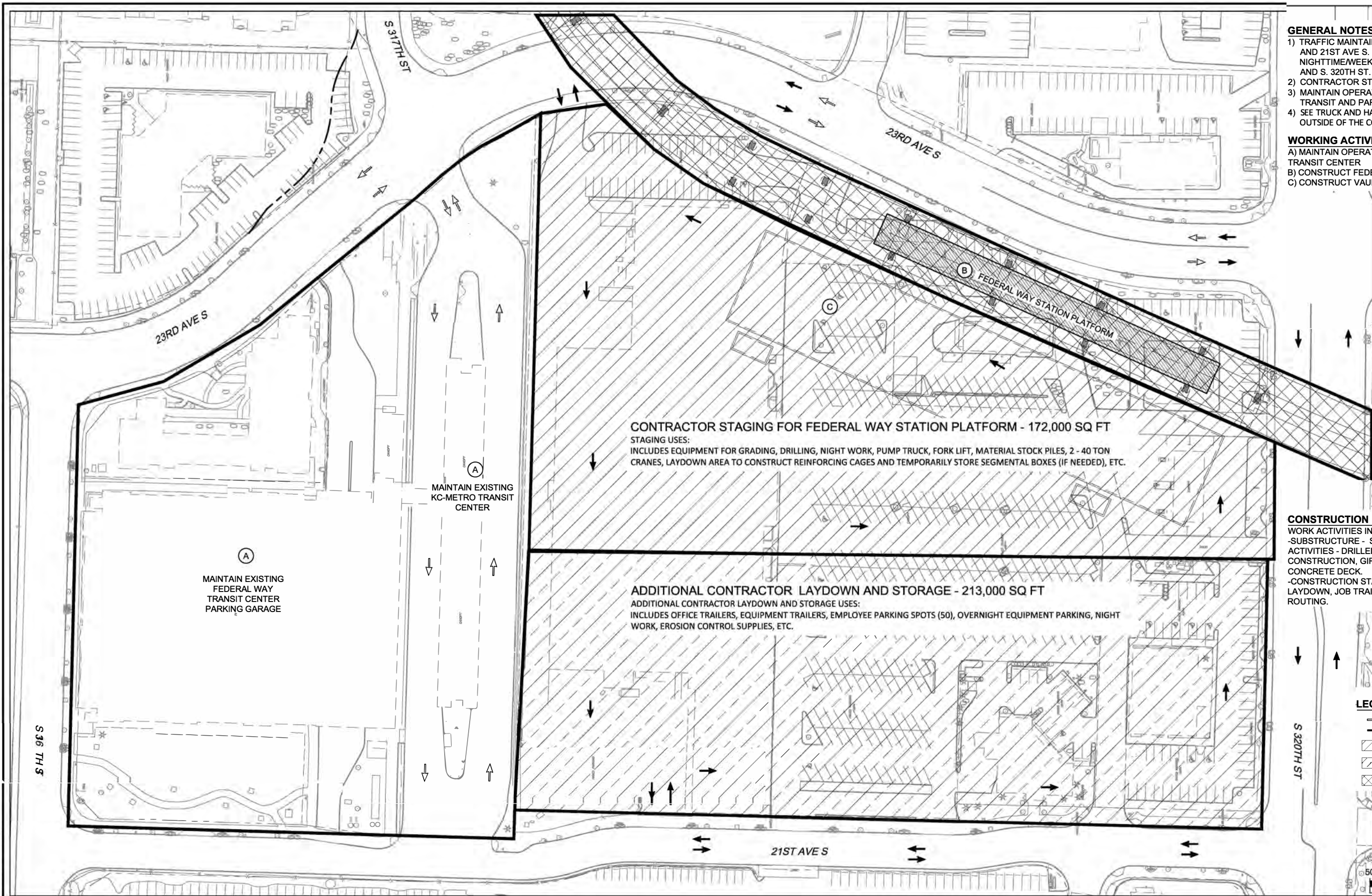
DATE:
07/29/2016

LINE IS 1" AT FULL SCALE

SCALE: 1"=100'	DRAWING No.: L15-CCP307
FILENAME: 05_FWEC-L15-CCP300	
CONTRACT No.:	
DATE: 07/29/2016	SHEET No.: 220
DATE: 07/29/2016	REV: #

Exhibit G-1aa

SOUND TRANSIT
FEDERAL WAY LINK EXTENSION
PRELIMINARY ENGINEERING PLANS
CONSTRUCTION STAGING, SEQUENCING
AND ACCESS PLANS
DETENTION POND



- GENERAL NOTES:**
- 1) TRAFFIC MAINTAINED ON 23RD AVE S., S. 320TH ST. AND 21ST AVE S. EXCEPT FOR PERIODIC NIGHTTIME/WEEKEND CLOSURES ON 23RD AVE S. AND S. 320TH ST.
 - 2) CONTRACTOR STAGING AS SHOWN.
 - 3) MAINTAIN OPERATIONS AT EXISTING KC METRO TRANSIT AND PARKING GARAGE.
 - 4) SEE TRUCK AND HAUL ROUTE PLANS FOR TRUCK ROUTES OUTSIDE OF THE CONSTRUCTION AND STORAGE AREAS.
- WORKING ACTIVITIES (MONTHS 0-12):**
- A) MAINTAIN OPERATIONS AT EXISTING KC-METRO TRANSIT CENTER
 - B) CONSTRUCT FEDERAL WAY STATION PLATFORM
 - C) CONSTRUCT VAULT

- CONSTRUCTION NOTES:**
- WORK ACTIVITIES INCLUDE:
- SUBSTRUCTURE - SUPERSTRUCTURE CONSTRUCTION ACTIVITIES - DRILLED SHAFTS, COLUMNS - PIER CAP - CONSTRUCTION, GIRDER ERECTION, CAST IN PLACE CONCRETE DECK.
 - CONSTRUCTION STAGING AREA USES, MATERIAL LAYDOWN, JOB TRAILERS, CONSTRUCTION VEHICLE ROUTING.

- LEGEND**
- BUS ROUTE
 - HAUL ROUTE FOR TRUCKS
 - CONSTRUCTION STAGING AREA
 - ADDITIONAL CONSTRUCTION STAGING AREA
 - WORK AREA



SCALE IN FEET

PRE FINAL PE SUBMITTAL

No.	DATE	DSN	CHK	APP	REVISION

DESIGNED BY:
G. GRIJALVA
DRAWN BY:
B. HARRIS
CHECKED BY:
R. ACEVEDO
APPROVED BY:



SUBMITTED BY:
EDWARD HERALD

DATE:
07/29/2016

REVIEWED BY:



DATE:
07/29/2016

SCALE:
4"=60'
FILENAME:
06_FWEC-15-CCP351
CONTRACT No.:
DATE:
07/29/2016

Exhibit G-1bb
SOUND TRANSIT
FEDERAL WAY LINK EXTENSION
PRELIMINARY ENGINEERING PLANS
CONSTRUCTION STAGING, SEQUENCING
AND ACCESS PLANS
FEDERAL WAY TRANSIT CENTER 1 OF 4

L15-CCP351

FACILITY ID:

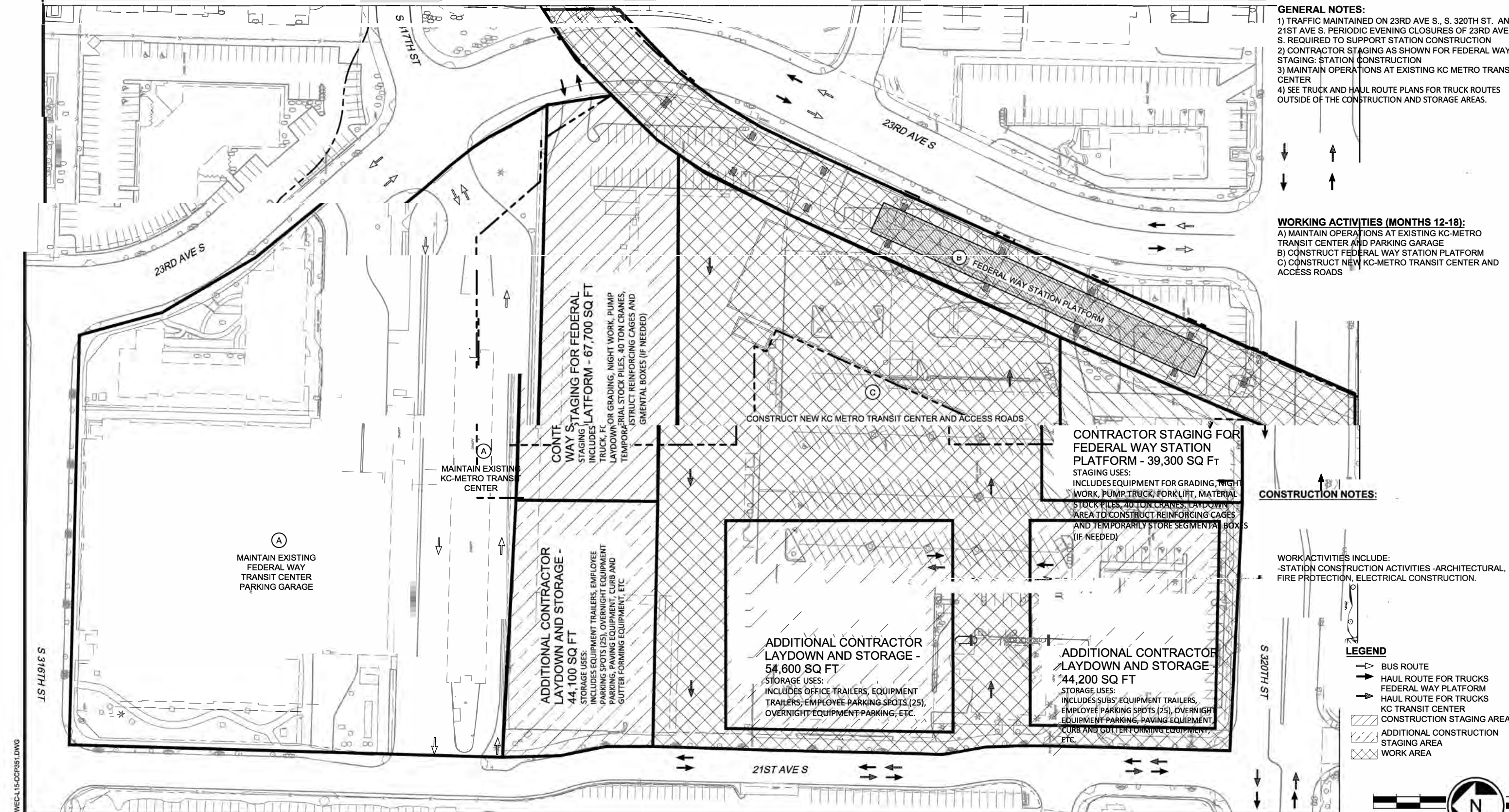
SHEET No.:

222

REV:

#

07/20/16 | 4:28 PM | HARRISBK
C:\P\WORKING\SEAD\15485\1006_FWEC-15-CCP351.DWG



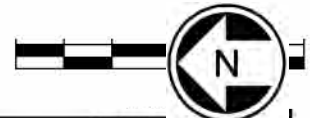
- GENERAL NOTES:**
- 1) TRAFFIC MAINTAINED ON 23RD AVE S., S. 320TH ST. AND 21ST AVE S. PERIODIC EVENING CLOSURES OF 23RD AVE S. REQUIRED TO SUPPORT STATION CONSTRUCTION
 - 2) CONTRACTOR STAGING AS SHOWN FOR FEDERAL WAY STAGING: STATION CONSTRUCTION
 - 3) MAINTAIN OPERATIONS AT EXISTING KC METRO TRANSIT CENTER
 - 4) SEE TRUCK AND HAUL ROUTE PLANS FOR TRUCK ROUTES OUTSIDE OF THE CONSTRUCTION AND STORAGE AREAS.

- WORKING ACTIVITIES (MONTHS 12-18):**
- A) MAINTAIN OPERATIONS AT EXISTING KC-METRO TRANSIT CENTER AND PARKING GARAGE
 - B) CONSTRUCT FEDERAL WAY STATION PLATFORM
 - C) CONSTRUCT NEW KC-METRO TRANSIT CENTER AND ACCESS ROADS

CONSTRUCTION NOTES:

WORK ACTIVITIES INCLUDE:
- STATION CONSTRUCTION ACTIVITIES - ARCHITECTURAL, FIRE PROTECTION, ELECTRICAL CONSTRUCTION.

- LEGEND**
- BUS ROUTE
 - HAUL ROUTE FOR TRUCKS
 - FEDERAL WAY PLATFORM
 - HAUL ROUTE FOR TRUCKS
 - KC TRANSIT CENTER
 - CONSTRUCTION STAGING AREA
 - ADDITIONAL CONSTRUCTION STAGING AREA
 - WORK AREA



PRE FINAL PE SUBMITTAL

No.	DATE	DSN	CHK	APP	REVISION

DESIGNED BY:
G. GRIJALVA

DRAWN BY:
B. HARRIS

CHECKED BY:
R. ACEVEDO

APPROVED BY:

SUBMITTED BY:
EDWARD HERALD

DATE:
07/29/2016

REVIEWED BY:

DATE:
07/29/2016

SCALE:
1"=50'

FILENAME:
07/29/2016_FWEC-L15-CCP351

SOUND TRANSIT

FEDERAL WAY LINK EXTENSION

PRELIMINARY ENGINEERING PLANS

CONSTRUCTION STAGING, SEQUENCING AND ACCESS PLANS

FEDERAL WAY TRANSIT CENTER 2 OF 4

223

L15-CCP352

FACILITY ID:

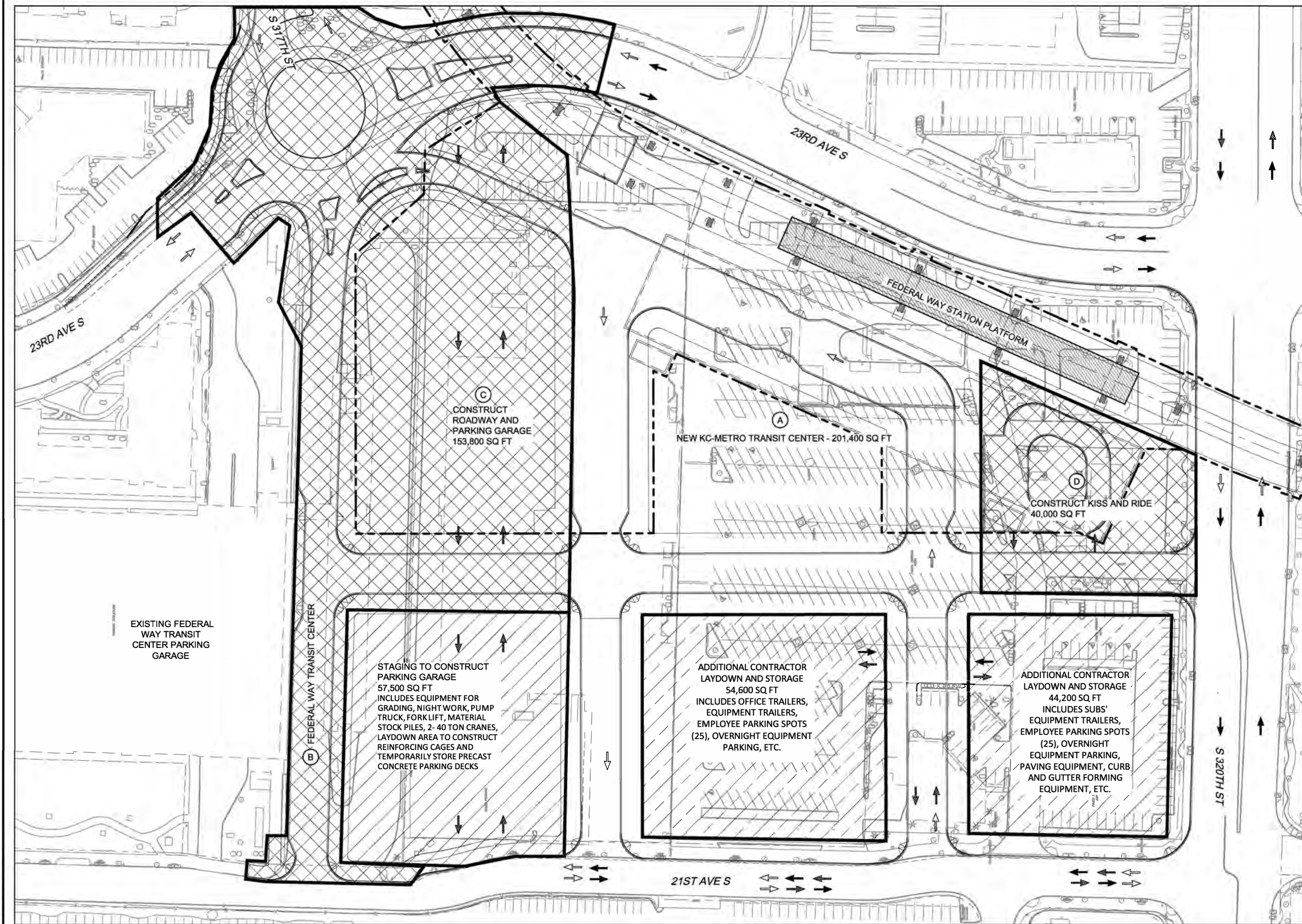
CONTRACT No.:

Exhibit G-1cc

50 25 0 50 100

SCALE IN FEET

07/20/16 4:28 PM | HARRISBK
C:\P\WORKING\SEAD\154051006_FWEC-L15-CCP351.DWG



- GENERAL NOTES:**
- 1) TRAFFIC MAINTAINED ON 23RD AVE S., S 320TH ST. AND 21ST AVE S. PERIODIC EVENING WEEKEND CLOSURES OF 23RD AVE S. REQUIRED TO SUPPORT STATION AND ROADWAY CONSTRUCTION
 - 2) CONTRACTOR STAGING AS SHOWN FOR FEDERAL WAY STAGING: STATION CONSTRUCTION
 - 3) OPEN TRANSIT CENTER, TAKE EXISTING TRANSIT CENTER FOOTPRINT TO CONSTRUCT PARKING GARAGE
- WORKING ACTIVITIES (MONTHS 18-30):**
- A) OPEN NEW KC-METRO TRANSIT CENTER
 - B) CONSTRUCT FEDERAL WAY TRANSIT CENTER ROAD
 - C) CONSTRUCT NEW PARKING GARAGE AND ROADWAY
 - D) CONSTRUCT KISS AND RIDE

CONSTRUCTION NOTES:
WORK ACTIVITIES INCLUDE:
-STATION CONSTRUCTION ACTIVITIES - INSTALLATION OF ARCHITECTURAL FEATURES, STATION COMMISSIONING

- LEGEND**
- ➡ BUS ROUTE
 - ➡ HAUL ROUTE FOR TRUCKS
 - ➡ FEDERAL WAY PLATFORM
 - ➡ HAUL ROUTE FOR TRUCKS
 - ➡ KC TRANSIT CENTER
 - ▨ CONSTRUCTION STAGING AREA
 - ▨ ADDITIONAL CONSTRUCTION STAGING AREA
 - ▨ WORK AREA

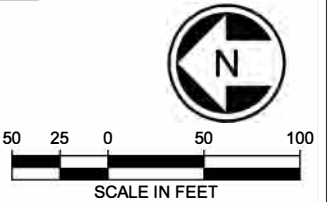



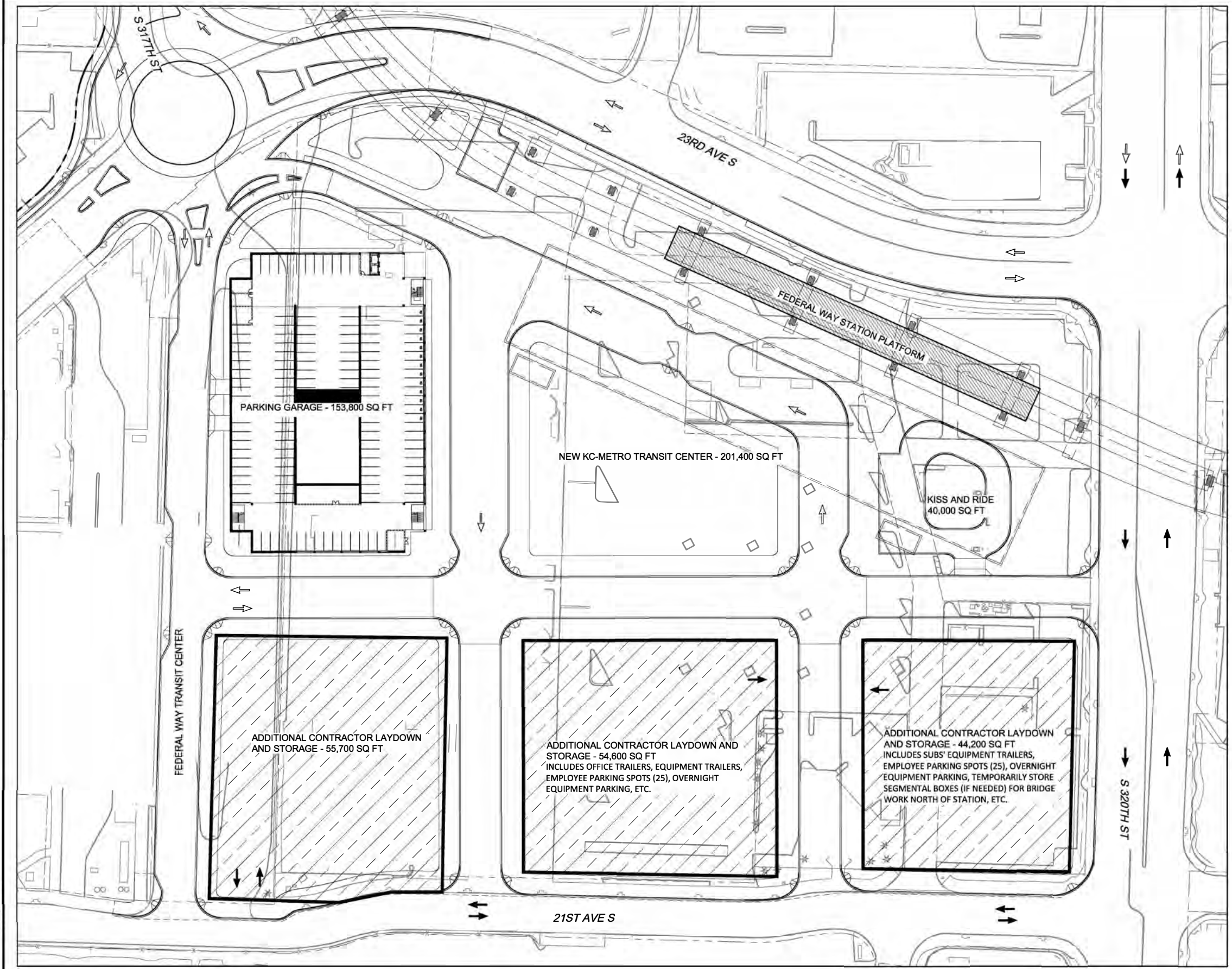


Exhibit G-1dd

PRE FINAL PE SUBMITTAL					DESIGNED BY: G. GRIJALVA				SUBMITTED BY: EDWARD HERALD		DATE: 07/29/2016	REVIEWED BY:	DATE: 07/29/2016	DATE: 07/29/2016		SCALE: 1"=50'	SOUND TRANSIT FEDERAL WAY LINK EXTENSION PRELIMINARY ENGINEERING PLANS CONSTRUCTION STAGING, SEQUENCING AND ACCESS PLANS FEDERAL WAY TRANSIT CENTER 3 OF 4	DRAWING No.: L15-CCP353	
					DRAWN BY: B. HARRIS				CHECKED BY: R. ACEVEDO		APPROVED BY:		FILENAME: 06_FWEC-L15-CCP351	CONTRACT No.:		SHEET No.: 224		REV: #	
No.	DATE	DSN	CHK	APP	REVISION														

07/20/16 | 4:28 PM | HARRISBK
C:\P\WORKING\SEAD1549510\06_FWEC-L15-CCP351.DWG



GENERAL NOTES:
1) CONTRACTOR STAGING AS SHOWN FOR FEDERAL WAY STAGING:
STATION CONSTRUCTION

WORKING ACTIVITIES (MONTHS 3-360):
NONE, JUST STAGING

- LEGEND**
- BUS ROUTE
 - HAUL ROUTE FOR TRUCKS FEDERAL WAY PLATFORM
 - ADDITIONAL CONSTRUCTION
 - STAGING AREA

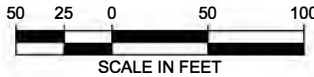


Exhibit G-1ee

PRE FINAL PE SUBMITTAL

DESIGNED BY:
G. GRIJALVA
DRAWN BY:
B. HARRIS
CHECKED BY:
R. ACEVEDO
APPROVED BY:



SUBMITTED BY:
EDWARD HERALD

DATE:
07/29/2016

REVIEWED BY:



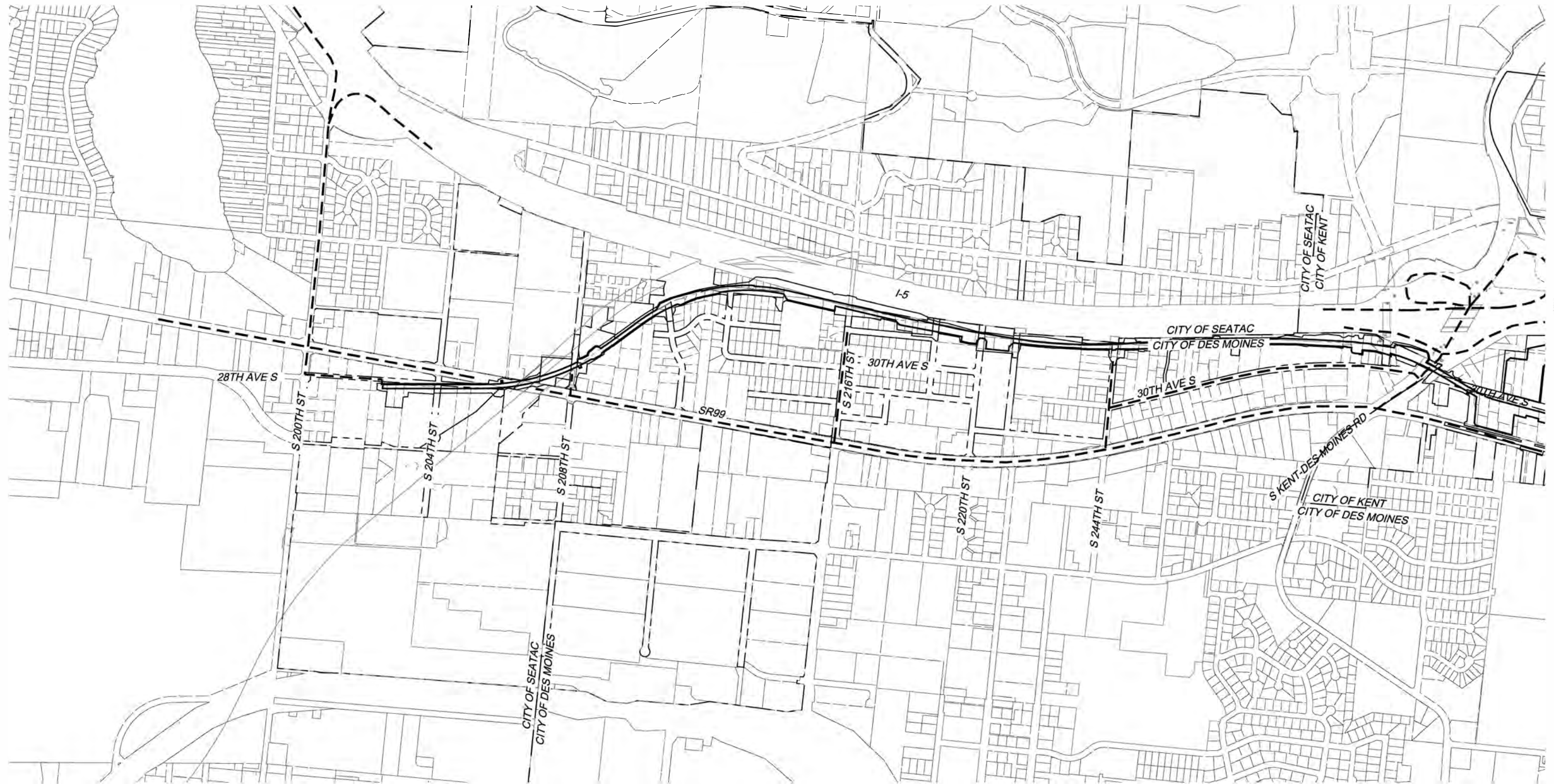
DATE:
07/29/2016

SCALE:
1"=50'
FILENAME:
06_FWEC-L15-CCP351
CONTRACT No.:
DATE:
07/29/2016

**SOUND TRANSIT
FEDERAL WAY LINK EXTENSION
PRELIMINARY ENGINEERING PLANS**
CONSTRUCTION STAGING, SEQUENCING
AND ACCESS PLANS
FEDERAL WAY TRANSIT CENTER 4 OF 4

DRAWING No.:
L15-CCP354
FACILITY ID:
SHEET No.:
225
REV:
#

07/20/16 | 4:28 PM | HARRISBK
C:\P\WORKING\SEAD\154951006_FWEC-L15-CCP351.DWG



SEE DWG STD-CHP102

LEGEND:

--- POTENTIAL TRUCK AND HAUL ROUTES

NOTES:

1. SEE CONSTRUCTION STAGING AND ACCESS PLANS FOR TRUCK ROUTES INTO CONSTRUCTION STAGING AREAS.
2. SEE TRACK, CIVIL, STRUCTURAL AND STATION PLANS FOR CONSTRUCTION DETAILS.



500 250 0 500 1000
SCALE IN FEET

PRE FINAL PE SUBMITTAL

DESIGNED BY:
G. GRIJALVA
DRAWN BY:
B. HARRIS
CHECKED BY:
R. ACEVEDO
APPROVED BY:



SUBMITTED BY:
EDWARD HERALD

DATE:
07/29/2016

REVIEWED BY:



DATE:
07/29/2016

SCALE:
1"=500'
FILENAME:
07_FWE-STD-CHP100
CONTRACT No.:
DATE:
07/29/2016

Exhibit G-2

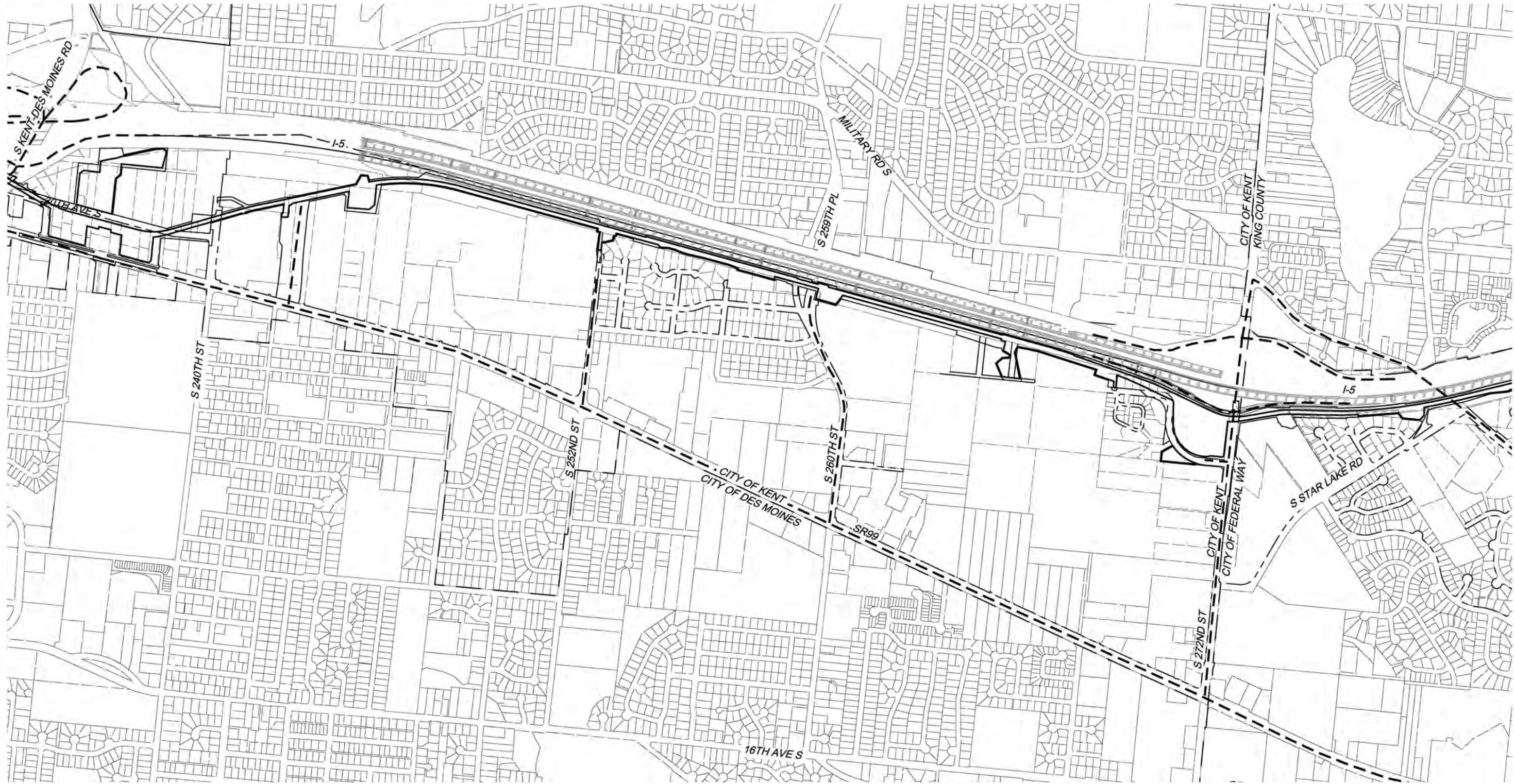
**SOUND TRANSIT
FEDERAL WAY LINK EXTENSION
PRELIMINARY ENGINEERING PLANS
TRUCK HAUL ROUTES**

ANGLE LAKE TO KENT DES MOINES RD

DRAWING No.:
STD-CHP101
FACILITY ID:
SHEET No.:
226
REV:
#

SEE DWG STD-CHP101

SEE DWG STD-CHP103



LEGEND:
--- POTENTIAL TRUCK AND HAUL ROUTES

- NOTES:**
1. SEE CONSTRUCTION STAGING AND ACCESS PLANS FOR TRUCK ROUTES INTO CONSTRUCTION STAGING AREAS.
 2. SEE TRACK, CIVIL, STRUCTURAL AND STATION PLANS FOR CONSTRUCTION DETAILS.



PRE FINAL PE SUBMITTAL

DESIGNED BY:
G. GRIJALVA
DRAWN BY:
B. HARRIS
CHECKED BY:
R. ACEVEDO
APPROVED BY:



SUBMITTED BY:
EDWARD HERALD

DATE:
07/29/2016

REVIEWED BY:



DATE:
07/29/2016

SCALE:
1"=500'
FILENAME:
07_FWE-STD-CHP100
CONTRACT No.:
DATE:
07/29/2016

Exhibit G-3

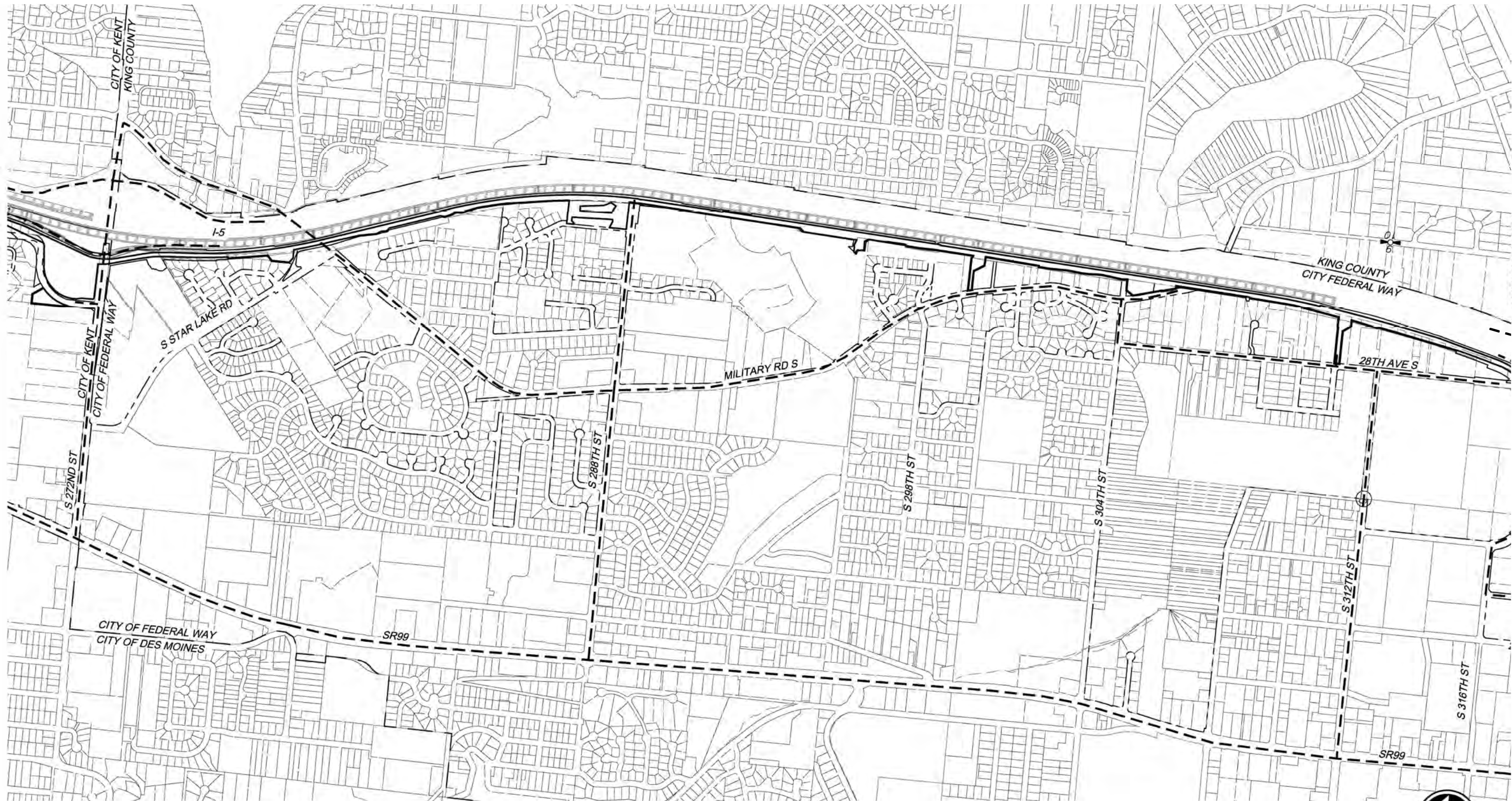
SOUND TRANSIT
FEDERAL WAY LINK EXTENSION
PRELIMINARY ENGINEERING PLANS
TRUCK HAUL ROUTES

KENT DES MOINES RD TO S 272ND ST

DRAWING No.:
STD-CHP102
FACILITY ID:
SHEET No.:
227
REV:
#

SEE DWG STD-CHP102

SEE DWG STD-CHP104



LEGEND:
--- POTENTIAL TRUCK AND HAUL ROUTES

- NOTES:**
1. SEE CONSTRUCTION STAGING AND ACCESS PLANS FOR TRUCK ROUTES INTO CONSTRUCTION STAGING AREAS.
 2. SEE TRACK, CIVIL, STRUCTURAL AND STATION PLANS FOR CONSTRUCTION DETAILS.

PRE FINAL PE SUBMITTAL

DESIGNED BY:
G. GRIJALVA
DRAWN BY:
B. HARRIS
CHECKED BY:
R. ACEVEDO
APPROVED BY:



SUBMITTED BY:
EDWARD HERALD

DATE:
07/29/2016

REVIEWED BY:



DATE:
07/29/2016

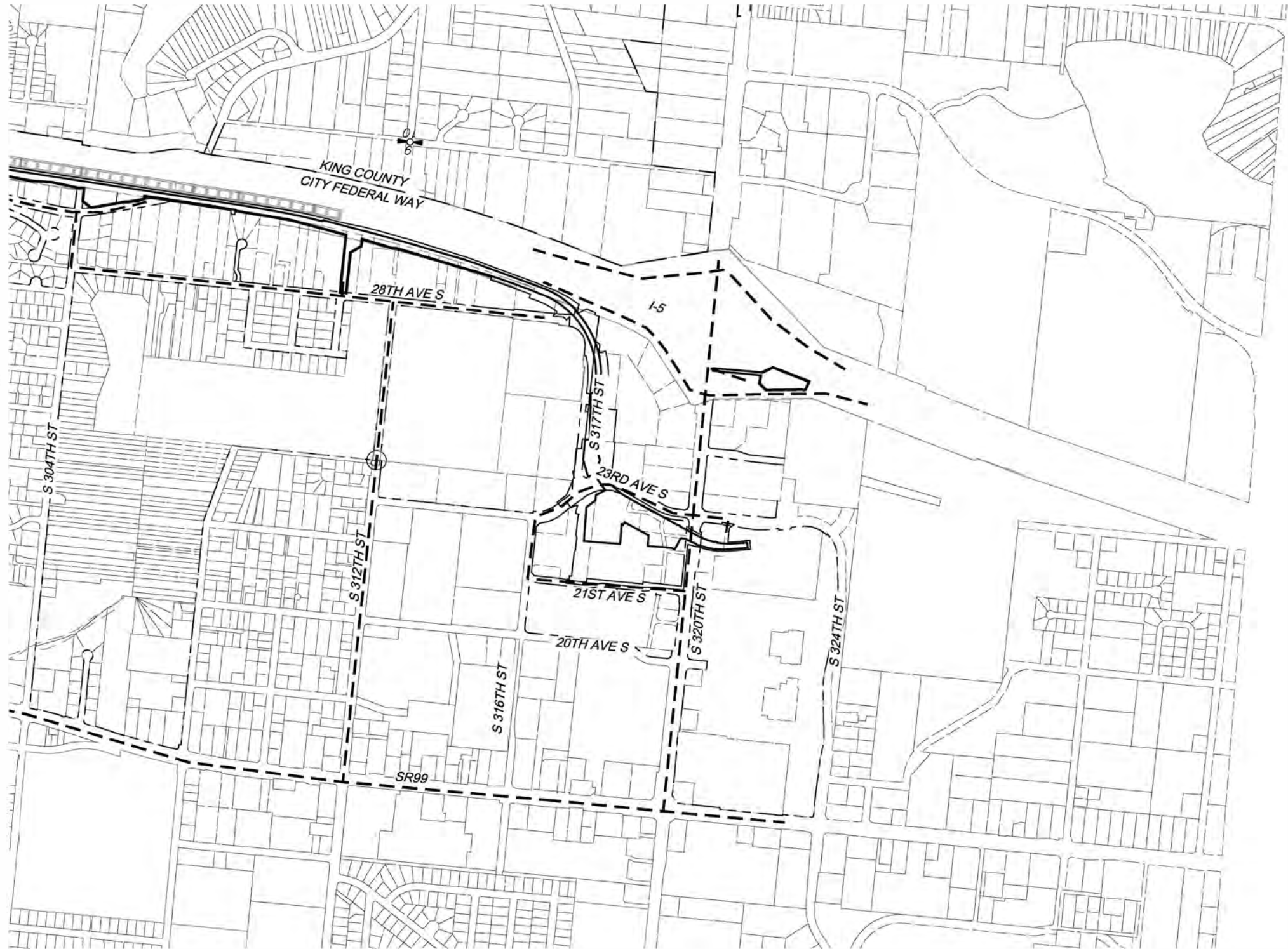
SCALE:
1"=500'
FILENAME:
07_FWE-STD-CHP100
CONTRACT No.:

DATE:
07/29/2016

Exhibit G-4
SOUND TRANSIT
FEDERAL WAY LINK EXTENSION
PRELIMINARY ENGINEERING PLANS
TRUCK HAUL ROUTES
S 272ND ST TO S 316TH ST

DRAWING No.:
STD-CHP103
FACILITY ID:
SHEET No.:
228
REV:
#

SEE DWG STD-CHP103



LEGEND:
--- POTENTIAL TRUCK AND HAUL ROUTES

- NOTES:**
1. SEE CONSTRUCTION STAGING AND ACCESS PLANS FOR TRUCK ROUTES INTO CONSTRUCTION STAGING AREAS.
 2. SEE TRACK, CIVIL, STRUCTURAL AND STATION PLANS FOR CONSTRUCTION DETAILS.



PRE FINAL PE SUBMITTAL

DESIGNED BY:
G. GRIJALVA
DRAWN BY:
B. HARRIS
CHECKED BY:
R. ACEVEDO
APPROVED BY:



SUBMITTED BY:
EDWARD HERALD

DATE:
07/29/2016

REVIEWED BY:



DATE:
07/29/2016

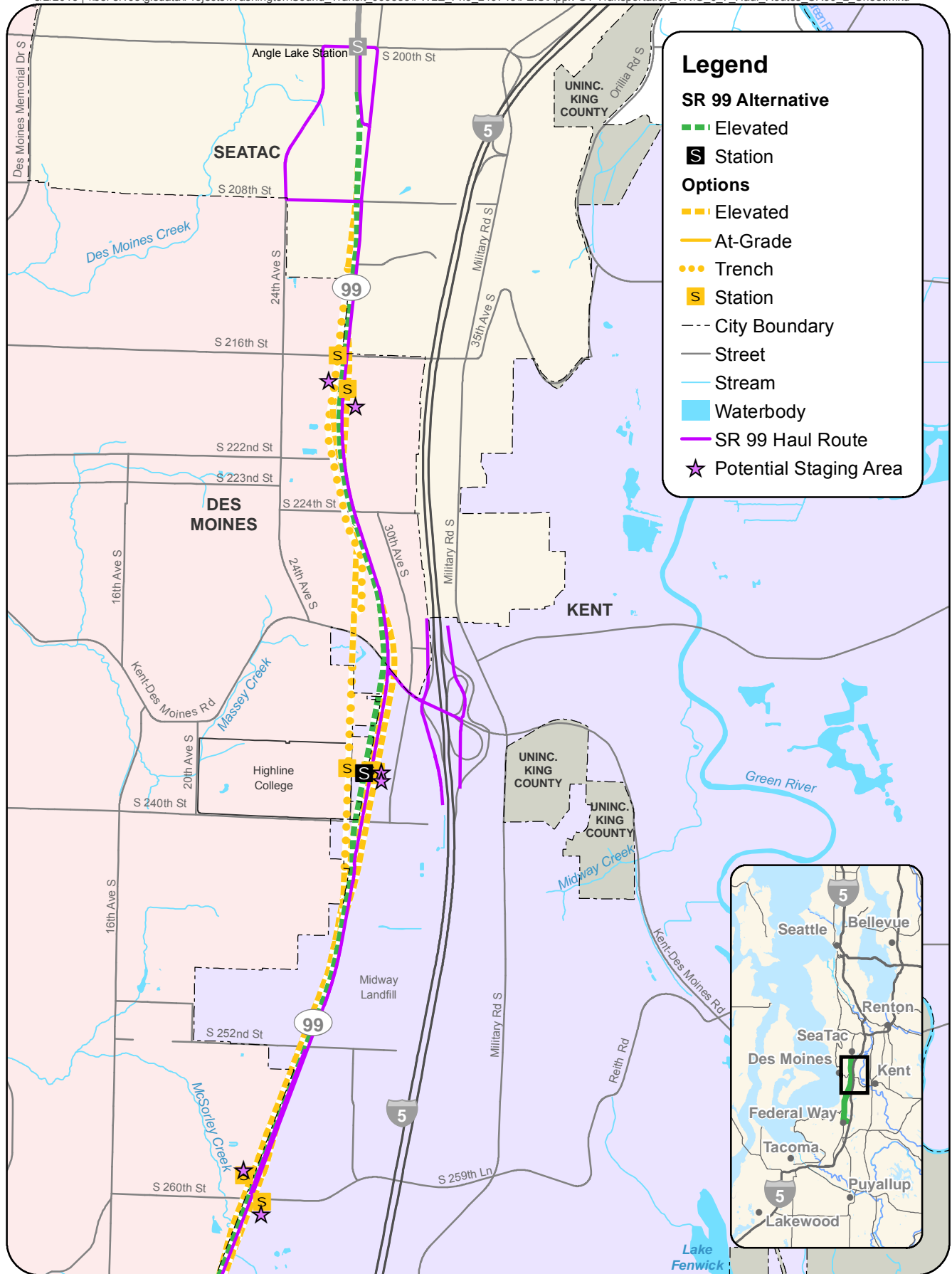
SCALE:
1"=500'
FILENAME:
07_FWE-STD-CHP100
CONTRACT No.:
DATE:
07/29/2016

Exhibit G-5

**SOUND TRANSIT
FEDERAL WAY LINK EXTENSION
PRELIMINARY ENGINEERING PLANS
TRUCK HAUL ROUTES
FEDERAL WAY TRANSIT CENTER**

DRAWING No.:
STD-CHP104
FACILITY ID:
SHEET No.:
229
REV:
#

This page intentionally left blank.



Data Sources: King County, Cities of Des Moines, Federal Way, Kent, SeaTac (2015).

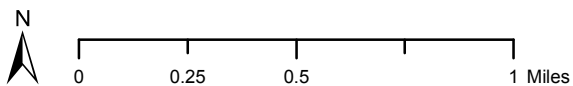


EXHIBIT G-6
SR 99 Truck Hauling Routes (North)

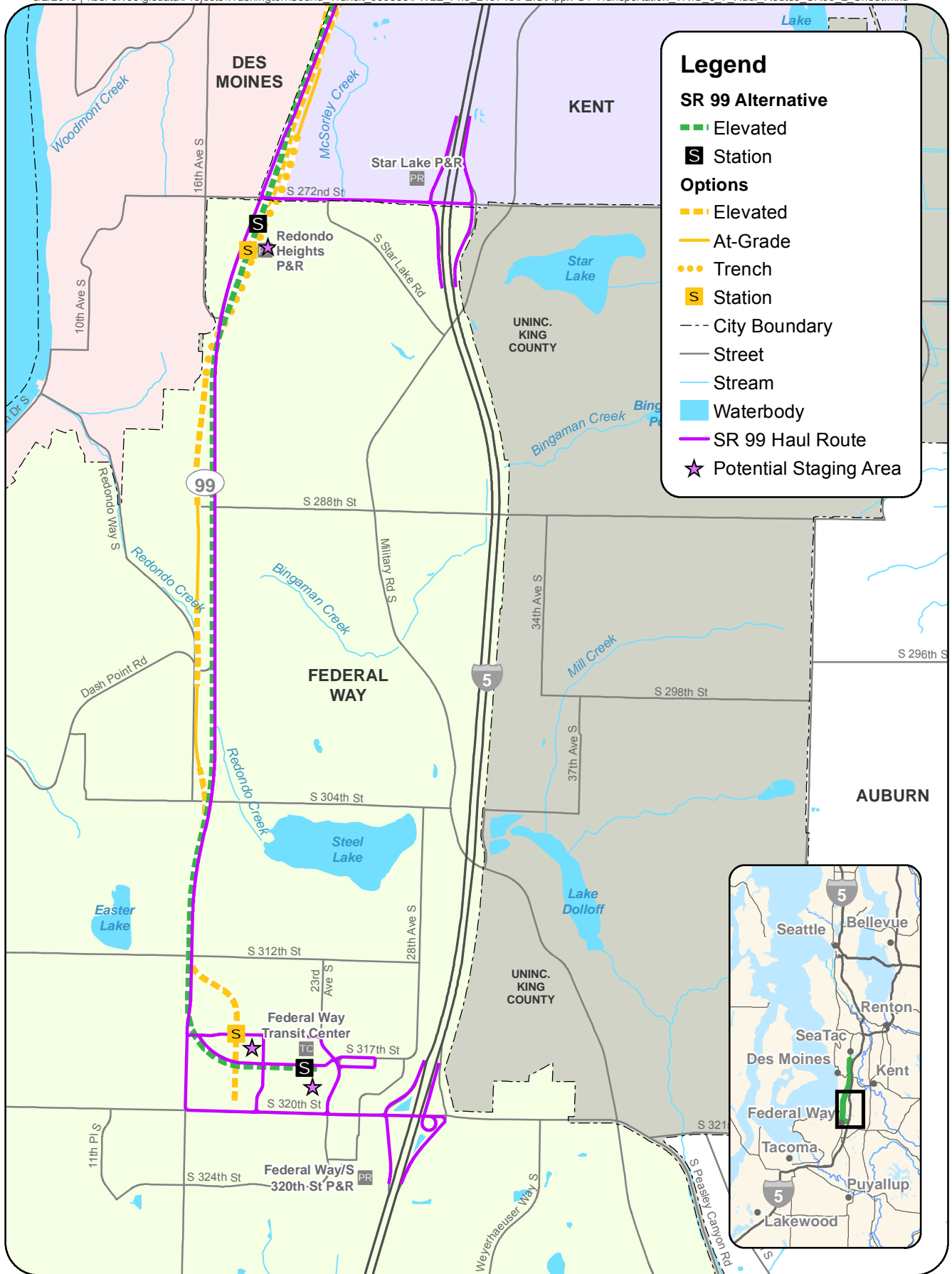


EXHIBIT G-7
SR 99 Truck Hauling Routes (South)

Federal Way Link Extension

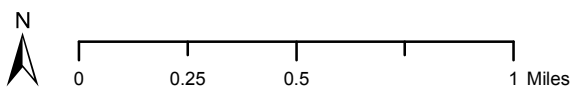
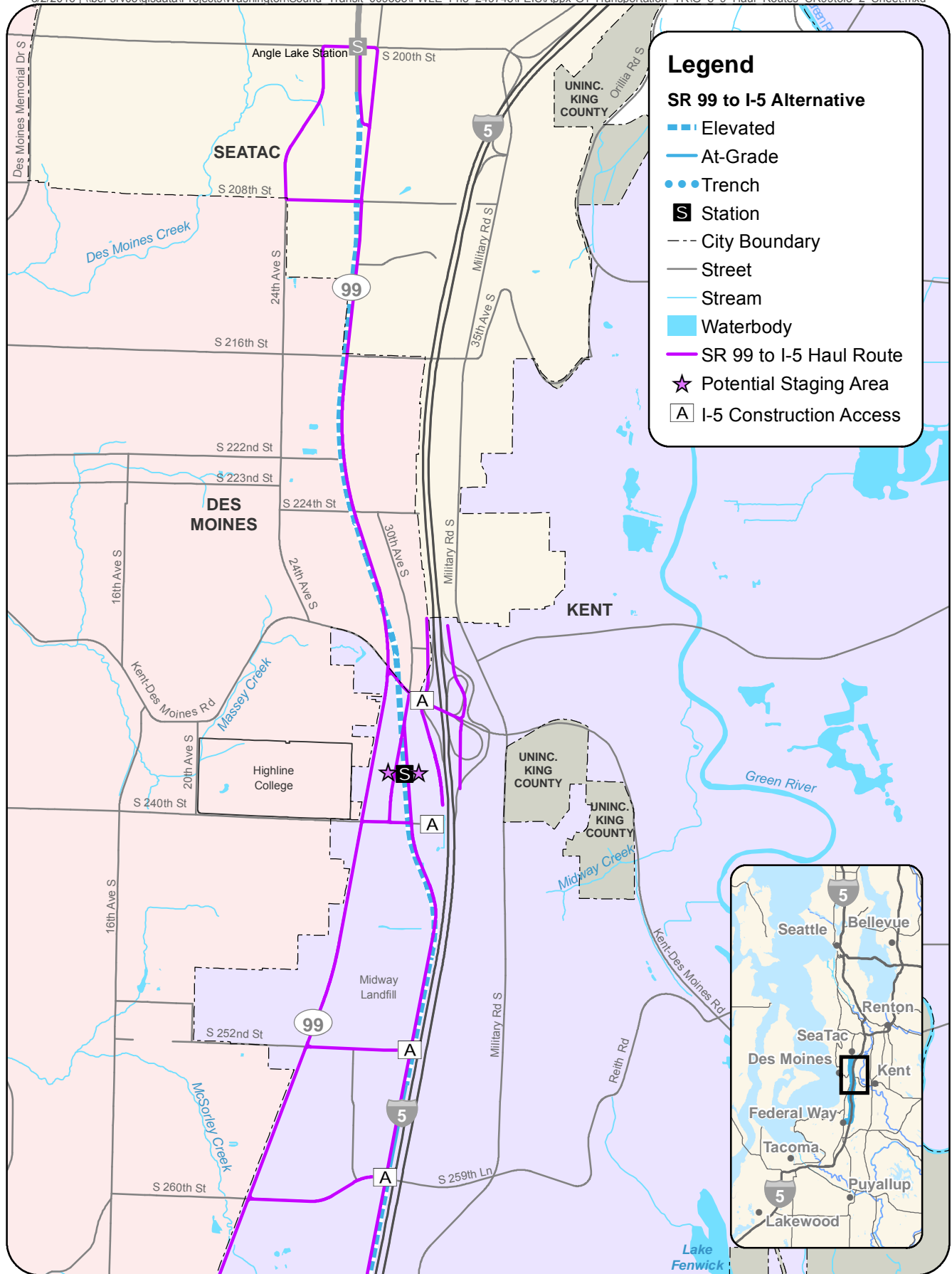


EXHIBIT G-8
SR 99 to I-5 Truck Hauling Routes (North)

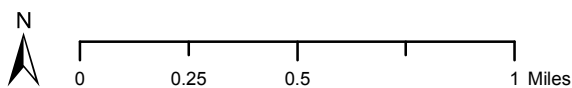
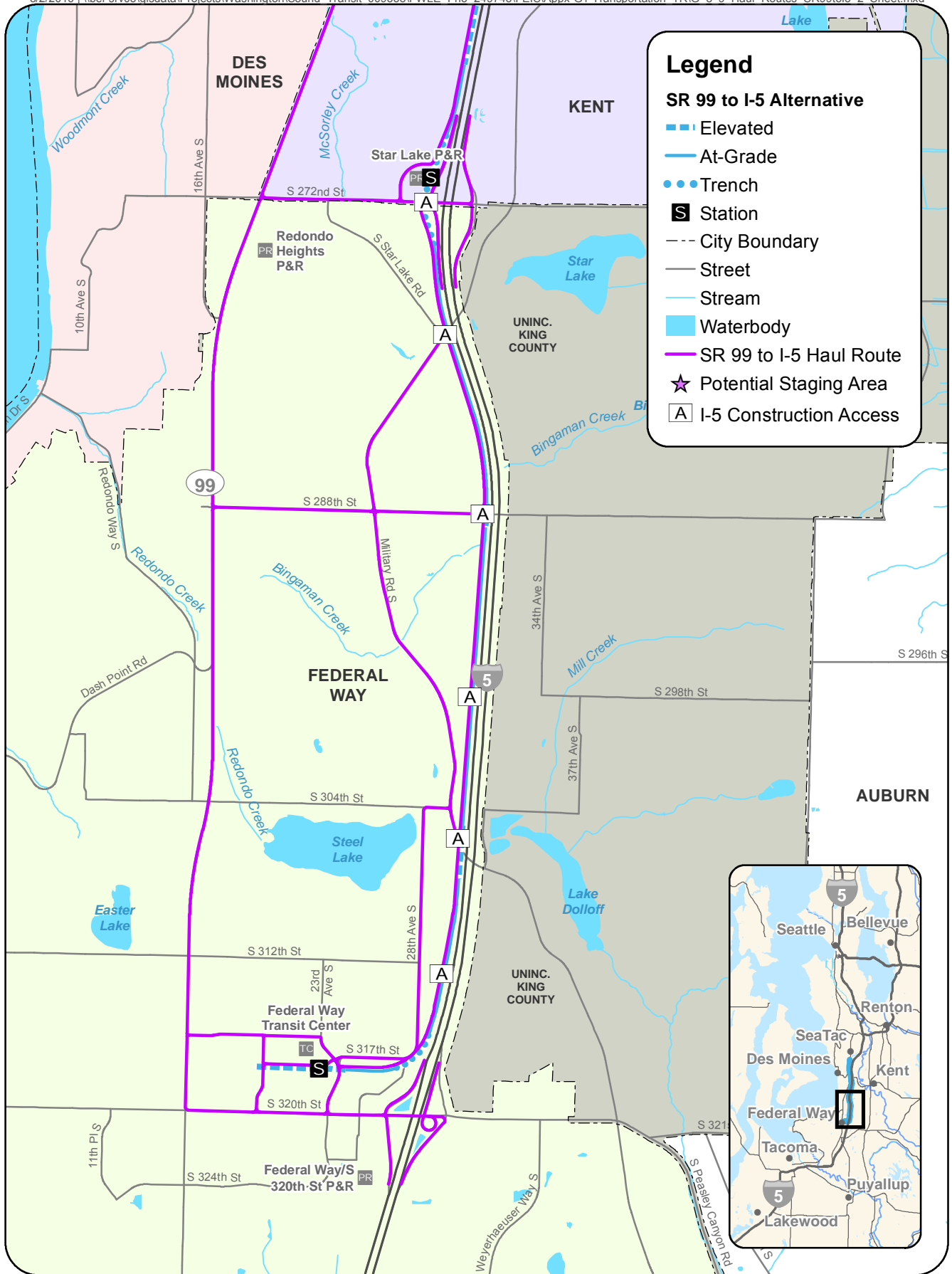
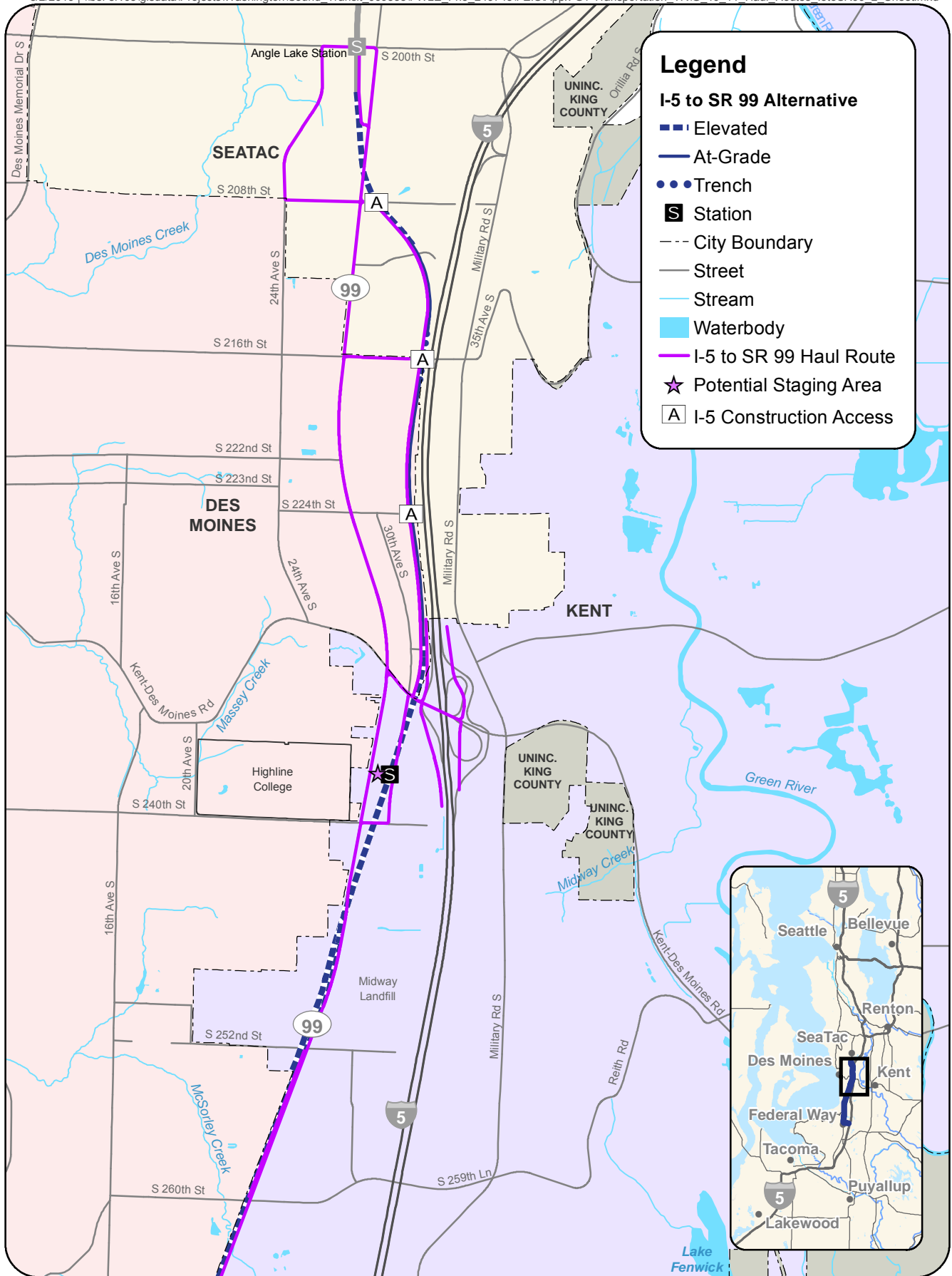
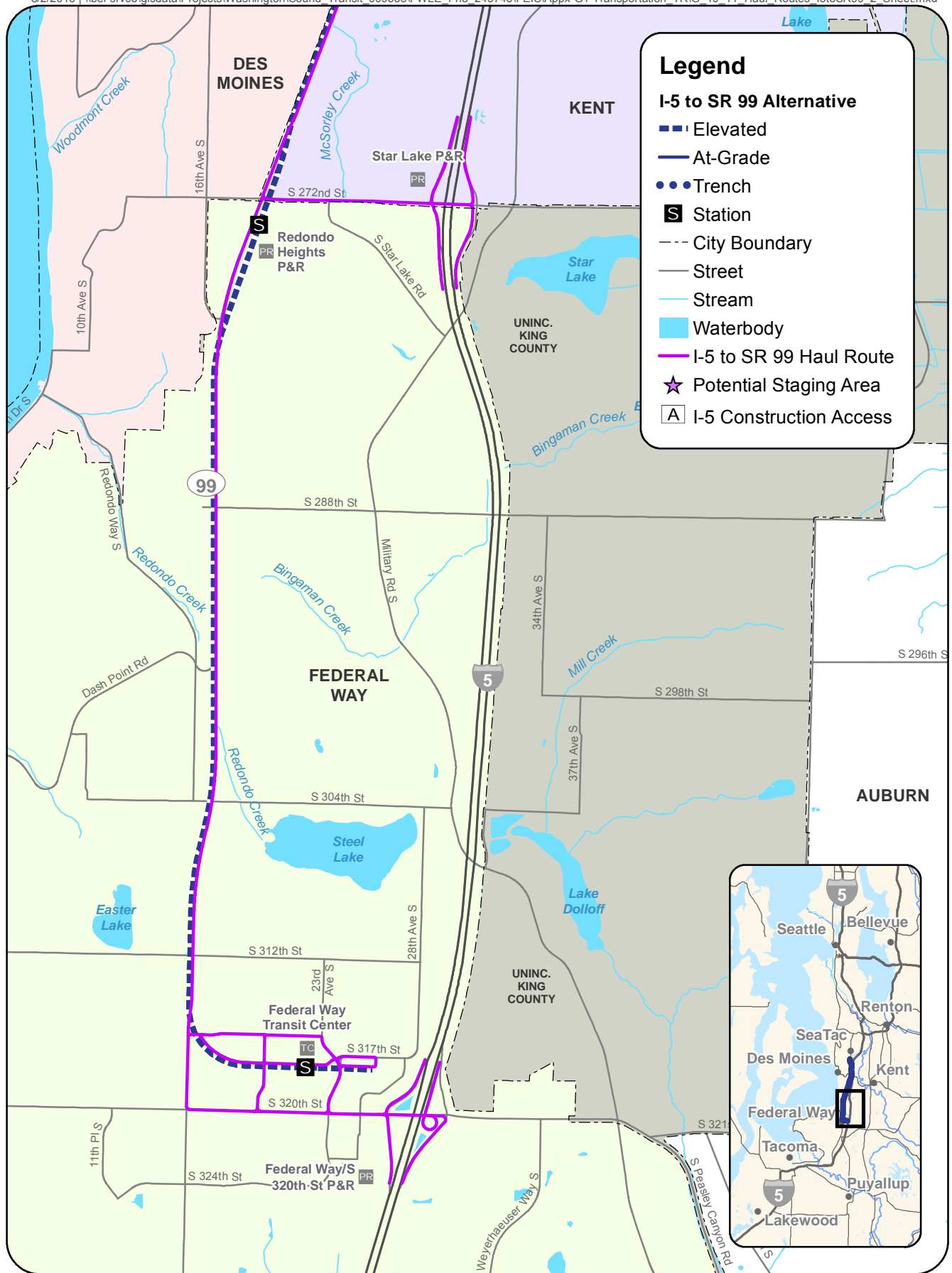


EXHIBIT G-9
SR 99 to I-5 Truck Hauling Routes (South)



Data Sources: King County, Cities of Des Moines, Federal Way, Kent, SeaTac (2015).

EXHIBIT G-10
I-5 to SR 99 Truck Hauling Routes (North)



Data Sources: King County, Cities of Des Moines, Federal Way, Kent, SeaTac (2015).

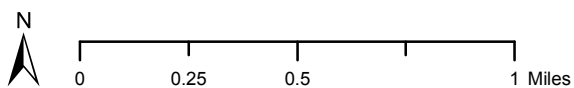


EXHIBIT G-11
I-5 to SR 99 Truck Hauling Routes (South)

Federal Way Link Extension

Appendix H

I-5 Clear Zone Analysis

TABLE H-1

I-5 Clear Zone Analysis – Existing and Future with SR 509/I-5 Widening

Approximate Station Segment		Length (feet)	Existing Clear Zone Conditions	Existing Clear Zone Distance (feet)	Potential Clear Zone Distance (feet)	Notes	Local Preferred Alternative Clear Zone Impact	
							Operations	Construction
1000+00	1005+00	500	Guardrail/Barrier		30+	Fill Section: 10:1, WSDOT DM Exhibit 1600-2	-	
1005+00	1008+00	300	Guardrail/Barrier		30+	Cut Section: 3:1, WSDOT DM Exhibit 1600-2	-	
1008+00	1009+00	100	Guardrail/Barrier		30+	Barrier required for S 211th St Underpass	-	
1009+00	1033+00	2400	Guardrail/Barrier		30+	Cut Section: 3:1, WSDOT DM Exhibit 1600-2	-	
1033+00	1036+00	300	Guardrail/Barrier		20	Cut Section: 3:1, WSDOT DM Exhibit 1600-2	-	
1036+00	1043+00	700	Guardrail/Barrier		10	Cut Section: 3:1, WSDOT DM Exhibit 1600-2	-	
1043+00	1046+00	400	Guardrail/Barrier		20	Cut Section: 3:1, WSDOT DM Exhibit 1600-2	-	
1046+00	1050+80	480	Guardrail/Barrier		30+	Cut Section: 3:1, WSDOT DM Exhibit 1600-2	-	
1050+80	1055+00	420	Guardrail/Barrier		30+	Fill Section with Retaining Walls: 10:1, WSDOT DM Exhibit 1600-2	-	
1055+00	1060+80	580	Guardrail/Barrier		25	Fill Section with Retaining Walls: 10:1, WSDOT DM Exhibit 1600-2	-	
1060+80	1075+00	1420	Guardrail/Barrier		25	Cut/Fill Section: 10:1, WSDOT DM Exhibit 1600-2	-	
1075+00	1080+00	500	Guardrail/Barrier		15	Cut/Fill Section: 10:1, WSDOT DM Exhibit 1600-2	-	
1080+00	1090+00	1000	Guardrail/Barrier		25	Cut/Fill Section: 10:1, WSDOT DM Exhibit 1600-2	-	
1090+00	1090+80	80	Guardrail/Barrier		30+	Cut/Fill Section: 10:1, WSDOT DM Exhibit 1600-2	-	
1090+80	1100+80	1000	Guardrail/Barrier		30+	Barrier required for Kent Des Moines Rd Overpass	-	
1100+80	1136+80	3600	Drainage Ditch	30+		Ditch Section: 10:1 cut, WSDOT DM Exhibits 1600-2 & 1600-5 Case 1	-	
1136+80	1159+80	2300	Guardrail/Barrier		30+	Cut Section: 3:1, WSDOT DM Exhibit 1600-2	-	
1159+80	1174+80	1500	Drainage Ditch	30+		Ditch Section: 10:1 cut, WSDOT DM Exhibits 1600-2 & 1600-5 Case 1	-	
1174+80	1177+80	300	Drainage Ditch		30+	Fill Section: 10:1, WSDOT DM Exhibit 1600-2	-	
1177+80	1179+80	200	Guardrail/Barrier		30+	Barrier required for S 259th PI Overpass	-	
1179+80	1192+80	1300	Guardrail/Barrier		30+	Fill Section: 4:1, WSDOT DM Exhibit 1600-2	-	

TABLE H-1

I-5 Clear Zone Analysis – Existing and Future with SR 509/I-5 Widening

Approximate Station Segment		Length (feet)	Existing Clear Zone Conditions	Existing Clear Zone Distance (feet)	Potential Clear Zone Distance (feet)	Notes	Local Preferred Alternative Clear Zone Impact	
Begin	End						Operations	Construction
1192+80	1207+80	1500	Drainage Ditch	30+		Ditch Section: 10:1 cut, WSDOT DM Exhibits 1600-2 & 1600-5 Case 1	-	
1207+80	1215+80	800	Guardrail/Barrier		30+	Fill Section: 10:1, WSDOT DM Exhibit 1600-2	-	
1215+80	1224+80	900	Guardrail/Barrier		30+	Barrier required for S 272nd St Overpass	-	
1224+80	1228+80	400	Guardrail/Barrier		30+	Fill Section: 10:1 with Retaining Walls, WSDOT DM Exhibit 1600-2	-	
1228+80	1236+80	800	Drainage Ditch	30+		Ditch Section: 10:1 cut, WSDOT DM Exhibits 1600-2 & 1600-5 Case 2	-	
1236+80	1243+80	700	Guardrail/Barrier		30+	Fill Section: 10:1, WSDOT DM Exhibit 1600-2	-	
1243+80	1246+80	300	Guardrail/Barrier		30+	Barrier required for Military Rd S Overpass	-	
1246+80	1248+80	200	Guardrail/Barrier		30+	Fill Section: 10:1 with Retaining Walls, WSDOT DM Exhibit 1600-2	-	
1248+80	1271+80	2300	Drainage Ditch	30+		Ditch Section: 10:1 cut, WSDOT DM Exhibits 1600-2 & 1600-5 Case 1	-	
1271+80	1277+80	600	Guardrail/Barrier		30+	Fill Section: 10:1, WSDOT DM Exhibit 1600-2	-	
1277+80	1279+80	200	Guardrail/Barrier		30+	Barrier required for S 288th St Overpass	-	
1279+80	1292+80	1300	Guardrail/Barrier		30+	Fill Section: 10:1, WSDOT DM Exhibit 1600-2	-	
1292+80	1302+80	1000	Guardrail/Barrier		30+	Fill Section: 4:1, WSDOT DM Exhibit 1600-2	-	
1302+80	1332+80	3000	Drainage Ditch	30+		Ditch Section: 10:1 cut, WSDOT DM Exhibits 1600-2 & 1600-5 Case 1	-	
1332+80	1335+80	300	4:1 Fill Slope		30+	Fill Section: 4:1, WSDOT DM Exhibit 1600-2	-	
1335+80	1337+80	200	Guardrail/Barrier		30+	Barrier required for Military Rd S Overpass	-	
1337+80	1361+80	2400	Drainage Ditch	30+		Ditch Section: 10:1 cut, WSDOT DM Exhibits 1600-2 & 1600-5 Case 1	-	
1361+80	1370+80	900	Drainage Ditch		30+	Ditch Section: 10:1 cut, WSDOT DM Exhibits 1600-2 & 1600-5 Case 1	-	