SOUNDTRANSIT

CENTRAL PUGET SOUND REGIONAL TRANSIT AUTHORITY

N

CONTRACT LOCATION MAP

I-405 BRT

EAST KING, SOUTH KING & SOUTH SNOHOMISH COUNTY

RTA/AE 0054-17

PHASE 2 CONCEPTUAL ENGINEERING PLANS

APRIL 10, 2020

PREPARED BY: wsp

DRAWING No.: G10-GZT001	
LOCATION ID:	
SHEET No.: 1	REV: 0

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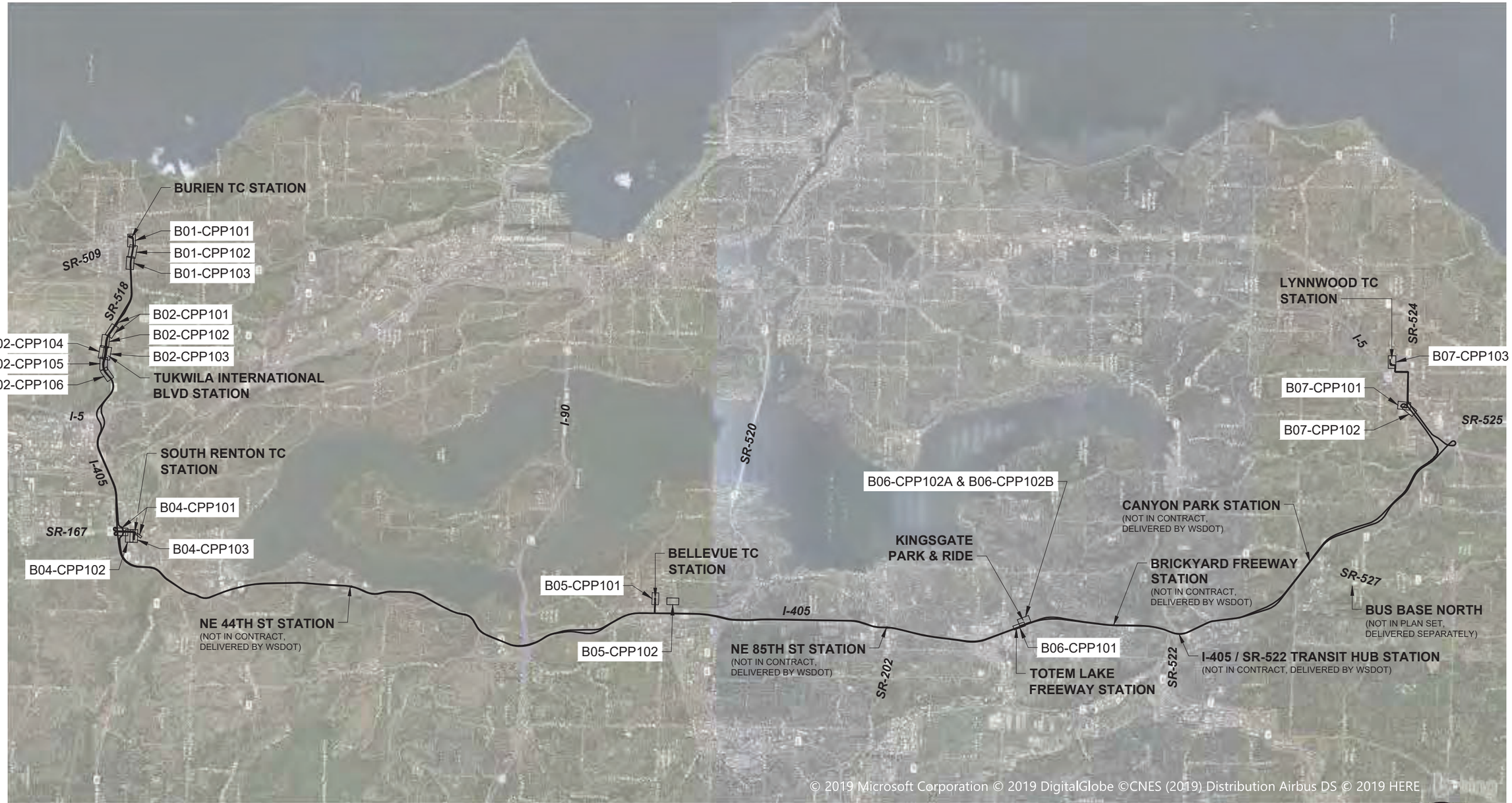
Consultant Quality Control Form

Version	Title	Date	Originator/ Drafted by	Reviewed by	Approved by	Notes, as required
0	AE 0054-17 07.08 A-D Draft CE Plans, Cover Sheet, Cross Sections, Conceptual Plans	1/29/2020	Adam Mueller	Tristan Tate QC Rob Gorman - QA	Chris Wellander	Initial Issue
1	AE 0054-17 07.08 A-D Draft CE Plans, Cover Sheet, Cross Sections, Conceptual Plans	4/10/2020	Chetan Sharma	Tristan Tate – QC Rob Gorman - QA	Chris Wellander	Issued as Final
2	AE 0054-17 07.08 A-D Draft CE Plans, Cover Sheet, Cross Sections, Conceptual Plans	4/14/2020	Peter Frank (Lin)	Adam Mueller - QC Rob Gorman - QA	Chris Wellander	Revision to Final: Changes to two ROW sheets



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5000 2500 0 5000 10000

SCALE IN FEET

No.	DATE	DSN	CHK	APP	REVISION

DESIGNED BY:
DRAWN BY:
CHECKED BY:
APPROVED BY:

PHASE 2

wsp

SUBMITTED BY: | DATE: | REVIEWED BY: | DATE:

LINE IS 1" AT FULL SCALE

SOUNDTRANSIT

SCALE: 1" = 5000'
FILENAME: I405-G10-GZK001
CONTRACT ID:
DATE: 4/10/2020

I-405 BRT
BURIEN TC TO LYNNWOOD TC CONCEPTUAL ENGINEERING PLANS

KEY PLAN

DRAWING No.: G10-GZK001
LOCATION No.:
SHEET No.: 2
REV: 0

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INDEX OF DRAWINGS

BOOK 1

GENERAL

BURIEN

TUKWILA INTERNATIONAL BLVD STATION

SOUTH RENTON TRANSIT CENTER

BELLEVUE

TOTEM LAKE STATION / KINGSGATE PARK & RIDE

LYNNWOOD

No.	DATE	DSN	CHK	APP	REVISION

DESIGNED BY:
DRAWN BY:
CHECKED BY:
APPROVED BY:

PHASE 2

wsp

SUBMITTED BY: DATE: REVIEWED BY: DATE:

LINE IS 1" AT FULL SCALE

SOUNDTRANSIT

SCALE: NTS
FILENAME: I405-G10-GZI100
CONTRACT ID:
DATE: 4/10/2020

I-405 BRT
BURIEN TC TO LYNNWOOD TC
CONCEPTUAL ENGINEERING PLANS

INDEX OF DRAWINGS

DRAWING No.: G10-GZI101
LOCATION No.:
SHEET No.: 3 REV: 0

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ABBREVIATIONS

AASHTO	AMERICAN ASSOCIATION OF STATE HIGHWAY AND TRANSPORTATION OFFICIALS
ABD	ABANDONED, ABANDON
ABUT	ABUTMENT
ABV	ABOVE
ACP	ACCESS CONTROL PANEL, ASPHALT CONCRETE PAVEMENT, ASBESTOS CEMENT PIPE
ADD	ADDENDUM, ADDENDA
ADDL, ADD'L	ADDITIONAL
AFG	ABOVE FINISHED GRADE ABOVE FINISH GRADE
AGG	AGGREGATE
AGGB	AGGREGATE BASE
AGGSB	AGGREGATE SUB-BASE
AHJ	AUTHORITIES HAVING JURISDICTION
AISC	AMERICAN INSTITUTE OF STEEL CONSTRUCTION
AL, ALUM	ALUMINUM
ANSI	AMERICAN NATIONAL STANDARDS INSTITUTE
APPROX	APPROXIMATE
AREMA	AMERICAN RAILWAY ENGINEERING AND MAINTENANCE-OF-WAY ASSOCIATION
ASPH	ASPHALT
ASTM	AMERICAN SOCIETY FOR TESTING AND MATERIALS
ATCH	ATTACH
AUX	AUXILIARY
AVE	AVENUE
AVG	AVERAGE
BAL	BALANCE
BAT	BUSINESS ACCESS AND TRANSIT
BEG	BEGINNING, BEGIN
BL	BASELINE, BUILDING LINE
BLD, BLDG	BUILDING
BLVD	BOULEVARD
BLW	BELOW
BOC	BACK OF CURB
BOT	BOTTOM
BOV	BOTTOM OF VAULT
BR	BRIDGE, BEARING
BRT	BUS RAPID TRANSIT
BTM	BOTTOM
BTWN	BETWEEN
BW	BOTTOM OF WALL, BOTH WAYS
CABS	COMPOST AMENDED BIOFILTRATION SWALE
CS	COMBINED SEWER
CL	CENTERLINE
CL TO CL	CENTERLINE TO CENTERLINE
C	CONDUIT, CLOSE, CENTERLINE, CELSIUS, CENTIGRADE, CEILING
C&C	CUT-AND-COVER
C&G	CURB AND GUTTER
C/L	CURB LINE
CANT	CANTILEVER
CCP	CEMENT CONCRETE PAVEMENT
CCTV	CLOSED CIRCUIT TELEVISION
CCW	COUNTER CLOCKWISE
CDF	CONTROLLED DENSITY FILL
CE	CONSTRUCTION EASEMENT, CLEARANCE ENVELOPE
CED	CONCRETE ENCASED DUCTBANK
CEM	CEMENT
CF	CUBIC FEET
CG	CLEARING & GRUBBING, CONCRETE GUTTER
CHGR	CHARGER
CHK	CHECK
CIPC	CAST-IN-PLACE CONCRETE
CIV	CIVIL
CJ	CONTROL JOINT
CJP	COMPLETE JOINT PENETRATION
CK	CREEK
CLF	CHAIN LINK FENCE
CLR	CLEARANCE, CLEAR
CM	CONSTRUCTION MANAGEMENT
CMH	COMMUNICATIONS MANHOLE
CMP	CORRUGATED METAL PIPE
CND	CONDUIT
CNTR	CENTER, CENTERS
CO	CLEAN OUT, CARBON MONOXIDE
COB	CITY OF BELLEVUE
COL	COLUMN
COMB	COMBINATION
CONC	CONCRETE
CONST	CONSTRUCTION
CONT	CONTINUATION, CONTINUOUS, CONTINUED
COORD	COORDINATE
CS	COMBINED SEWER
CSBC	CRUSHED SURFACING BASE COURSE
CT	COMMUNITY TRANSIT
CTR	CENTER
CULV	CULVERT
CW	CONTACT WIRE, COLD WATER
CWA	COUNTERWEIGHT ANCHOR
CWD	CREOSOTED WOOD DUCT, CONDUIT
CWFA	CONTACT WIRE FIXED ANCHOR
CWR	CONTINUOUS WELDED RAIL
CWSA	CONTACT WIRE SPRING ANCHOR
CWT	COUNTERWEIGHT
CXFU	CONTROL FUSE - LV SIDE
CY	CUBIC YARD
DB	DIRECT BURIED
dB	DECIBEL
DEL	DELETE
DEPT	DEPARTMENT
DI	DROP INLET, DRAINAGE INLET
DIA, Ø	DIAMETER
DIAG	DIAGONAL
DIM, (DIM)	DIMENSION
DIP	DUCTILE IRON PIPE
DIPL	DUCTILE IRON PIPE (CEMENT LINED)
DIPLMJ	DUCTILE IRON PIPE (MECHANICAL JOINT)
DIST	DISTANCE
DR	DOOR
DRN	DRAIN
DTL	DETAIL
DWG	DRAWING
E	EAST
E/P	EDGE OF PAVEMENT
E/S	EDGE OF SHOULDER
EA	EACH
Ea	SUPERELEVATION IN INCHES
EB	EASTBOUND
EG	EXISTING GRADE
EJ	EXPANSION JOINT
EL	ELEVATION
ELEV	ELEVATOR, ELEVATION
ENGR	ENGINEER
ENTR	ENTRANCE
EOL	END OF LINE
EOP	END OF PLATFORM, EDGE OF PAVEMENT
EQPT	EQUIPMENT
ESC	ESCALATOR
ESL	ELECTRIC STREET LIGHT
ESMT	EASEMENT
ETL	ELECTRONIC TOOL LANES
EX, EXIST	EXISTING
F'c	28 DAY CONCRETE STRENGTH
FCN	FARE COLLECTION NETWORK
FDN	FOUNDATION
FG	FINISHED GRADE
FH	FIRE HYDRANT
FL	FLOW LINE, FLANGE
FOC	FACE OF CURB
FT	FEET, FOOT
G	GROUND, GAS
G/L	GRADE LINE, GROUND LINE
GND	GROUND
GUY	GUY LINE
GV	GAS VALVE, GATE VALVE
GW	GUY WIRE
HDPE	HIGH DENSITY POLYETHYLENE (PIPE) HIGH DENSITY POLYETHELINE
HH	HANDHOLE
HMA	HOT MIX ASPHALT
HORIZ	HORIZONTAL
HPT	HIGH POINT
HT	HEIGHT
HOT	HIGH OCCUPANCY TOLL (SEE ETL)
HVAC	HEATING, VENTILATING & AIR CONDITIONING
HW	HEADWALL
HWY	HIGHWAY
HYD	HYDRANT
I	INTERLOCK, INTERSTATE HIGHWAY, IONIZATION DETECTOR
IE	INVERT ELEVATION
ILLUM	ILLUMINATED
IN	INCH, INCHES
INC	INCOMING, INCLUDE, INCLUDED
INCL	INCLUDE, INCLUDING
INFO	INFORMATION
INT'L, INTL	INTERNATIONAL
INV	INVERT
INV EL	INVERT ELEVATION
IR	INSIDE RADIUS, IN-RUNNING (RIDING CONTACT WIRE)
IRG	IRRIGATION
JB	JUNCTION BOX
JT	JOINT
K	KIPS (THOUSAND POUNDS) MECHANICAL INTERLOCK, KIP THOUSAND (1000)
KCM	KING COUNTY METRO
L	LEFT, LINED, LINING
LT	LEFT TURN
L.T.	LONGITUDINAL
LAV	LAVATORY
LB	POUNDS
LB/FT	POUNDS PER FOOT
LBF	POUNDS FORCE
LF	LINEAR FOOT, FEET
LG	LONG, LENGTH
LIN	LINEAR
LJT	LONGITUDINAL JOINT
LL	LIVE LOAD
LOP	LIMIT OF PAVEMENT
LRT	LIGHT RAIL TRANSIT
LTG	LIGHTING
LVC	LENGTH OF VERTICAL CURVE, (PVC TO PVT)
LVL	LEVEL
M	METER, MEDIUM LOADING,
M/L	MAIN LINE
MATL	MATERIAL
MED	MEDIUM
MI, MIN	MINIMUM
MISC	MISCELLANEOUS
MON	MONUMENT
MP	MILEPOST
MPH	MILES PER HOUR
MTL	METAL
N	NORTH, NEUTRAL
N/A, NA	NOT APPLICABLE
NAE	NORTH AIRPORT EXPRESSWAY
NB	NORTHBOUND
NE	NORTHEAST
NIC	NOT IN CONTRACT
NTS	NOT TO SCALE
NO	NUMBER
O&M	OPERATION AND MAINTENANCE
OD	OUTSIDE DIAMETER
OF	OFFSET
OHB	OVERHEAD BRIDGE
OPNG	OPENING
OPP	OPPOSITE
OR	OUTSIDE RADIUS
P&R	PARK & RIDE
PL	PROPERTY LINE
PC	POINT OF CURVATURE
PC CONC	PRECAST CONCRETE
PCCP	PORTLAND CEMENT CONCRETE PAVEMENT
PCF	POUNDS PER CUBIC FOOT
PD	PLASTIC DUCT, CONDUIT POLYETHYLENE, PLAIN END,
PE	PRELIMINARY ENGINEERING
PED	PEDESTRIAN
PERF	PERFORATED
PERP	PERPENDICULAR
PI	POINT OF INTERSECTION OF TWO TANGENTS, POINT OF INTERSECTION
PITO	POINT OF INTERSECTION OF TURNOUT
PKWY	PARKWAY
PROJ	PROJECTION
PROP	PROPOSED
PSE	PUGET SOUND ENERGY
PSF	POUNDS PER SQUARE FOOT
PSI	POUNDS PER SQUARE INCH
PT	POINT OF CHANGE FROM, POINT OF TANGENT, POCKET TRACK,
PVC	POLYVINYL CHLORIDE (PIPE) POINT OF VERTICAL CURVE
R	RADIUS
RC	REINFORCED CONCRETE
REF	REFERENCE
REQD	REQUIRED
REV	REVISED
ROW, R/W	RIGHT-OF-WAY
RR	RAILROAD
RT	RIGHT TURN
RW	RETAINING WALL
S	SOUTH
S/W	SIDEWALK
SB	SOUTHBOUND
SCH	SCHEDULE
SD	STORM DRAIN
SDMH	STORM DRAIN MANHOLE
SEG	SEGMENT
SHLD	SHOULDER
SPU	SEATTLE PUBLIC UTILITIES
SQ FT	SQUARE FOOT, SQUARE FEET
SQ IN	SQUARE INCHES
SR	STATE ROUTE
SS	SANITARY SEWER
SSMH	SANITARY SEWER MANHOLE
ST	SOUND TRANSIT
STA	STATION POINT, STATION, STATIONING
STL	STEEL
SVC	SERVICE
SW	SIDEWALK, SOUTHWEST
SYS	SYSTEM
T	TELEPHONE
TBD	TO BE DETERMINED
TC	TRANSIT CENTER
TEMP	TEMPERATURE, TEMPORARY
TIBS	TUKWILA INTERNATIONAL BOULEVARD STATION
TJB	TRAFFIC JUNCTION BOX
TMH	TELEPHONE MANHOLE
TNC	TRANSPORTATION NETWORK COMPANY
TOC	TOP OF CONCRETE
TOD	TRANSIT ORIENTED DEVELOPMENT
TOG	TOP OF GRADE
TORW	TOP OF RETAINING WALL
TOS	TOP OF STEEL, TOP OF STRUCTURE
TOV	TOP OF VAULT
TOW	TOP OF WALL
TSP	TRANSIT SIGNAL PRIORITY
TV	TELEVISION
TVM	TICKET VENDING MACHINE
TYP	TYPICAL
U/C	UNDER CONSTRUCTION
UG	UNDERGRADE, UNDERGROUND
UTIL, UTL	UTILITY
VAR	VARIABLE
W	WATER, WEST
WA	WASHINGTON STATE
WB	WESTBOUND
W, W/	WITH
W/O	WITHOUT
WID	WIDTH
WM	WATER METER
WMH	WATER MANHOLE
WSDOT	WASHINGTON STATE DEPARTMENT OF TRANSPORTATION
X-SECT	CROSS SECTION
#	NUMBER
&	AND
@	AT

No.	DATE	DSN	CHK	APP	REVISION

DESIGNED BY:
DRAWN BY:
CHECKED BY:
APPROVED BY:

PHASE 2

wsp

SUBMITTED BY: DATE: REVIEWED BY: DATE:

LINE IS 1" AT FULL SCALE

SOUNDTRANSIT

SCALE: NTS
FILENAME: I405-G10-GZN100
CONTRACT ID:
DATE: 4/10/2020

I-405 BRT
BURIEN TC TO LYNNWOOD TC
CONCEPTUAL ENGINEERING PLANS
ABBREVIATIONS

DRAWING No.: G10-GZN101
LOCATION No.:
SHEET No.: 4 REV: 0

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I-405 BRT SYSTEMS INVENTORY

	BURIEN TC STATION	TUKWILA INTERNATIONAL BLVD STATION	SOUTH RENTON TC STATION	NE 44TH STREET STATION	BELLEVUE TC STATION	NE 85TH STATION	TOTEM LAKE STATION/ KINGSGATE P&R	BRICKYARD FREEWAY STATION	I-405/SR 522 TRANSIT HUB STATION	CANYON PARK STATION	LYNNWOOD TC STATION
TICKET VENDING MACHINES/ORCA READERS (PER STATION)	1 TVM 2 ORCA READERS	2 TVM 4 ORCA READERS	3 TVM 4 ORCA READERS	2 TVM 4 ORCA READERS	1 TVM 2 ORCA READERS	2 TVM 4 ORCA READERS	3 TVM 4 ORCA READERS	2 TVM 4 ORCA READERS	2 TVM 4 ORCA READERS	2 TVM 4 ORCA READERS	1 TVM 2 ORCA READERS
CCTV (CAMERAS ASSOCIATED WITH TVMS & PED BRIDGE SHOWN)***	1 CAMERA (FOR TVM)	3 CAMERAS (2 FOR TVMS, 1 ON PED BRIDGE)	4 CAMERAS (3 FOR TVMS, 1 FOR PED BRIDGE)	2 CAMERAS (FOR TVMS)	1 CAMERA (FOR TVM)	2 CAMERAS (FOR TVMS)	3 CAMERAS (FOR TVMS)	3 CAMERAS (2 FOR TVMS, 1 FOR PED BRIDGE)	2 CAMERAS (FOR TVMS)	4 CAMERAS (2 FOR TVMS, 2 FOR PED BRIDGES)	1 CAMERA (FOR TVM)
PASSENGER INFORMATION SIGNS (QUANTITIES ARE PER SIGN FACE)	1 PYLON MOUNTED 2 CANOPY MOUNTED	2 PYLON MOUNTED 4 CANOPY MOUNTED	2 PYLON MOUNTED 4 CANOPY MOUNTED	2 PYLON MOUNTED 4 CANOPY MOUNTED	2 PYLON MOUNTED 4 CANOPY MOUNTED	2 PYLON MOUNTED 4 CANOPY MOUNTED	2 PYLON MOUNTED 4 CANOPY MOUNTED	2 PYLON MOUNTED 4 CANOPY MOUNTED	2 PYLON MOUNTED 4 CANOPY MOUNTED	2 PYLON MOUNTED 4 CANOPY MOUNTED	1 PYLON MOUNTED 2 CANOPY MOUNTED
TRANSIT SIGNAL PRIORITY (INTERSECTIONS WHICH MAY REQUIRE NEW / MODIFIED TSP INFRASTRUCTURE, SEE GENERAL NOTE 6)	• BURIEN TC & SW 148TH ST • SW 148TH ST & 1ST AVE S • SR 518 & SR 509 SB RAMPS • SR 518 & SR 509 NB OFF RAMP		• RAINIER AVE S & GRADY WAY • RAINIER AVE S & HARDIE AVE SW * • RAINIER AVE S & S 7TH ST	• I-405 ETL RAMPS & NE 44TH ST**	• NE 6TH ST & I-405 ETL RAMPS • NE 6TH ST & 112TH AVE NE • NE 6TH ST & 110TH AVE NE	• I-405 ETL RAMPS & NE 85TH ST**	• I-405 ETL RAMPS & NE 128TH ST		• I-405 ETL RAMPS & SR 522 (WSDOT)*	• I-405 ETL RAMPS & P&R CONNECTOR (WSDOT)* • 17TH AVE SE & 220TH ST SE • 20TH AVE SE & 220TH ST SE (WSDOT)*	• 196TH ST SW & 36TH AVE W • 196TH ST SW & 40TH AVE W • 196TH ST SW & 44TH AVE W • 200TH ST SW & 44TH AVE W • 200TH ST SW & 46TH AVE W • 46TH AVE W & LYNNWOOD TC (LYNNWOOD LINK)*
TRAFFIC SIGNAL CONTROLLERS/CABINET TYPES	• TBD (PHASE 3)	• TBD (PHASE 3)	• TBD (PHASE 3)	• TBD (PHASE 3)	• TBD (PHASE 3)	• TBD (PHASE 3)	• TBD (PHASE 3)	• TBD (PHASE 3)	• TBD (PHASE 3)	• TBD (PHASE 3)	• TBD (PHASE 3)
COMMUNICATIONS	FIBER LATERALS TO FIBER TRUNK LINE	FIBER LATERALS TO FIBER TRUNK LINE	FIBER LATERALS TO FIBER TRUNK LINE	FIBER LATERALS TO FIBER TRUNK LINE	FIBER LATERALS TO FIBER TRUNK LINE	FIBER LATERALS TO FIBER TRUNK LINE	FIBER LATERALS TO FIBER TRUNK LINE	FIBER LATERALS TO FIBER TRUNK LINE	FIBER LATERALS TO FIBER TRUNK LINE	FIBER LATERALS TO FIBER TRUNK LINE	FIBER LATERALS TO FIBER TRUNK LINE
STATION ELECTRICAL (CABINETS, SWITCHES, CONDUIT)	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓

* NEW TRAFFIC SIGNAL. IF SIGNAL IS TO BE CONSTRUCTED BY A DIFFERENT PROJECT OR AGENCY, PROJECT OR AGENCY SPECIFIED ABOVE
** TSP ONLY NEEDED IF ROUNDABOUT REPLACED BY TRAFFIC SIGNAL IN WSDOT DESIGN
*** CAMERAS ASSOCIATED WITH PARKING GARAGES & STATION VULNERABILITY ASSESSMENT TBD

GENERAL NOTES

1. SEVERAL STATIONS (LISTED BELOW, SOUTH TO NORTH) NOT INCLUDED IN THIS CONTRACT & WILL BE DELIVERED SEPARATELY BY WSDOT. CIVIL & COMPOSITE UTILITY PLANS HAVE NOT BEEN CREATED AT THESE STATIONS. ARCHITECTURAL PLANS FOR THESE STATIONS ARE NOT INCLUDED IN THIS SET, BUT HAVE BEEN DEVELOPED SEPARATELY.
   A. NE 44TH ST STATION
   B. NE 85TH ST STATION
   C. BRICKYARD FREEWAY STATION
   D. I-405 / SR522 TRANSIT HUB STATION
   E. CANYON PARK STATION
2. BUS BASE NORTH NOT SHOWN IN PLAN SET. PLANS HAVE BEEN DEVELOPED SEPARATELY & WILL BE PROVIDED TO ST IN A PREDESIGN REPORT.
3. PROJECT ELEMENTS WHICH WILL BE DELIVERED BY LOCAL JURISDICTIONS ARE NOT SHOWN IN THESE PLANS. THESE INCLUDE A QUEUE JUMP AT NE 85TH ST & 6TH ST IN KIRKLAND AND A PEDESTRIAN/BICYCLE CONNECTION BETWEEN DOWNTOWN KIRKLAND & THE NE 85TH ST BRT STATION. ASSOCIATED CONCEPTUAL DESIGNS & COST ESTIMATES PROVIDED TO ST SEPARATELY.
4. ST IS CONSIDERING THE ADDITION OF A BRT QUEUE JUMP AT THE INTERSECTION OF 196TH ST SW & 36TH AVE W IN LYNNWOOD. CONCEPTUAL DESIGNS HAVE BEEN PROVIDED TO ST SEPARATELY. QUEUE JUMP IS NOT SHOWN IN THESE PLANS.
5. INTERSECTIONS WITH PROPOSED TSP WITHIN THE LIMITS OF CIVIL SHEETS ARE CALLED OUT ACCORDINGLY ON THE APPLICABLE SHEET. ALL INTERSECTIONS WITH PROPOSED TSP ARE LISTED IN THE SYSTEMS INVENTORY TABLE ON THIS SHEET.
6. TSP INTERSECTIONS IDENTIFIED ARE DESIRED LOCATIONS, AND DO NOT TAKE INTO ACCOUNT EXISTING TSP INFRASTRUCTURE COMPATIBILITY. 405 BRT CORRIDOR IS ROUTED THROUGH MULTIPLE JURISDICTIONS WITH DIFFERENT EXISTING SYSTEMS. EXISTING SIGNAL INFRASTRUCTURE MAY NEED TO BE MODIFIED OR REPLACED TO ACCOMMODATE TSP. TSP COMPATIBILITY AND DESIGN WILL CONTINUE TO BE DEVELOPED AT A LATER STAGE.
7. ALL EXISTING CONDITIONS IN PLANS ARE PER AERIAL SURVEY UNLESS OTHERWISE STATED ON APPROPRIATE PLAN SHEET.
8. DESIGNS ON WSDOT ROW SUBJECT TO CHANGE PENDING WSDOT COORDINATION & APPROVAL.
9. DESIGNS ON LOCAL AGENCY PROPERTIES ARE SUBJECT TO CHANGE PENDING AGENCY COORDINATION & APPROVAL.
10. PROPERTY LINES SHOWN ARE PER GIS AND NOT SURVEYED.
11. WSDOT LIMITED ACCESS ROW LINES SHOWN ARE PER WSDOT ASBUILTS & GIS PROPERTY LINES.
12. WSDOT MILEPOSTS SHOWN ARE ACCUMULATED ROUTE MILEAGE (ARM) MILEPOSTS, NOT STATE ROUTE MILEPOSTS (SRMP).
13. ROADWAY WIDTHS ARE GIVEN TO FACE OF CURB AND SIDEWALK/PLANTER WIDTHS ARE GIVEN TO BACK OF CURB. BRT STATION WIDTHS ARE GIVEN TO FACE OF CURB.
14. CURB HEIGHTS ARE 6" UNLESS OTHERWISE NOTED. BRT STATION PLATFORM CURB HEIGHTS ARE 9" UNLESS OTHERWISE NOTED.
15. PROPOSED GUARDRAIL LOCATIONS ARE NOT CURRENTLY SHOWN. THEY WILL BE IDENTIFIED AT A LATER STAGE IN DESIGN.
16. PROPOSED CLEARING/GRUBBING & GRADING LIMITS INCORPORATE ASSUMED CONSTRUCTION STAGING AREAS. THESE STAGING AREAS WILL BE REFINED AT A LATER STAGE IN DESIGN.
17. PROPOSED UTILITY CONSTRUCTION OR RELOCATIONS ARE NOT CURRENTLY SHOWN. THEY WILL BE IDENTIFIED AT A LATER STAGE IN DESIGN. COMPOSITE UTILITY PLAN IDENTIFIES POTENTIAL UTILITY CONFLICTS AT THIS STAGE.
18. SYSTEMS INVENTORY IS FOR 405 CORRIDOR ELEMENTS ONLY. SYSTEMS INVENTORY FOR BUS BASE NORTH (INCLUDING THE FLEET), 522 CORRIDOR, & HEADQUARTERS ARE INCLUDED IN I-405 CORRIDOR NEEDS ASSESSMENT & PRELIMINARY SYSTEMS CONCEPT TECHNICAL MEMORANDUM, PROVIDED SEPARATELY TO ST.
19. ALL EXISTING UTILITY INFORMATION DEPICTED AT "QUALITY LEVEL D" UNLESS OTHERWISE NOTED. QUALITY LEVELS EXPLAINED BELOW
    19.1. UTILITY QUALITY LEVEL A: PRECISE HORIZONTAL & VERTICAL LOCATION OF UTILITIES OBTAINED BY THE ACTUAL EXPOSURE OR VERIFICATION OF PREVIOUSLY EXPOSED AND SURVEYED UTILITIES AND SUBSURFACE MEASUREMENT OF SUBSURFACE UTILITIES, USUALLY AT A SPECIFIC POINT. MINIMALLY INTRUSIVE EXCAVATION EQUIPMENT IS TYPICALLY USED TO MINIMIZE THE POTENTIAL FOR UTILITY DAMAGE. A PRECISE HORIZONTAL & VERTICAL LOCATION, AS WELL AS OTHER UTILITY ATTRIBUTES, IS SHOWN ON PLAN DOCUMENTS. ACCURACY IS TYPICALLY SET TO 15-MM VERTICAL AND TO APPLICABLE HORIZONTAL SURVEY & MAPPING ACCURACY AS DEFINED OR EXPECTED BY THE PROJECT OWNER.
    19.2. UTILITY QUALITY LEVEL B: INFORMATION OBTAINED THROUGH THE APPLICATION OF APPROXIMATE SURFACE GEOPHYSICAL METHODS TO DETERMINE THE EXISTENCE AND APPROXIMATE HORIZONTAL POSITION OF SUBSURFACE UTILITIES. QUALITY LEVEL B DATA SHOULD BE REPRODUCIBLE BY SURFACE GEOPHYSICS AT ANY POINT OF THE DEPICTION. THIS INFORMATION IS SURVEYED TO APPLICABLE TOLERANCES DEFINED BY THE PROJECT AND REDUCED ONTO PLAN DOCUMENTS.
    19.3. UTILITY QUALITY LEVEL C: INFORMATION OBTAINED BY SURVEYING AND PLOTTING VISIBLE ABOVE-GROUND UTILITY FEATURES AND BY USING PROFESSIONAL JUDGEMENT IN CORRELATING THIS INFORMATION TO QUALITY LEVEL D INFORMATION.
    19.4. UTILITY QUALITY LEVEL D: INFORMATION DERIVED FROM EXISTING RECORDS OR ORAL RECOLLECTIONS.

DATUM

NAVD 88 DATUM

DATUM

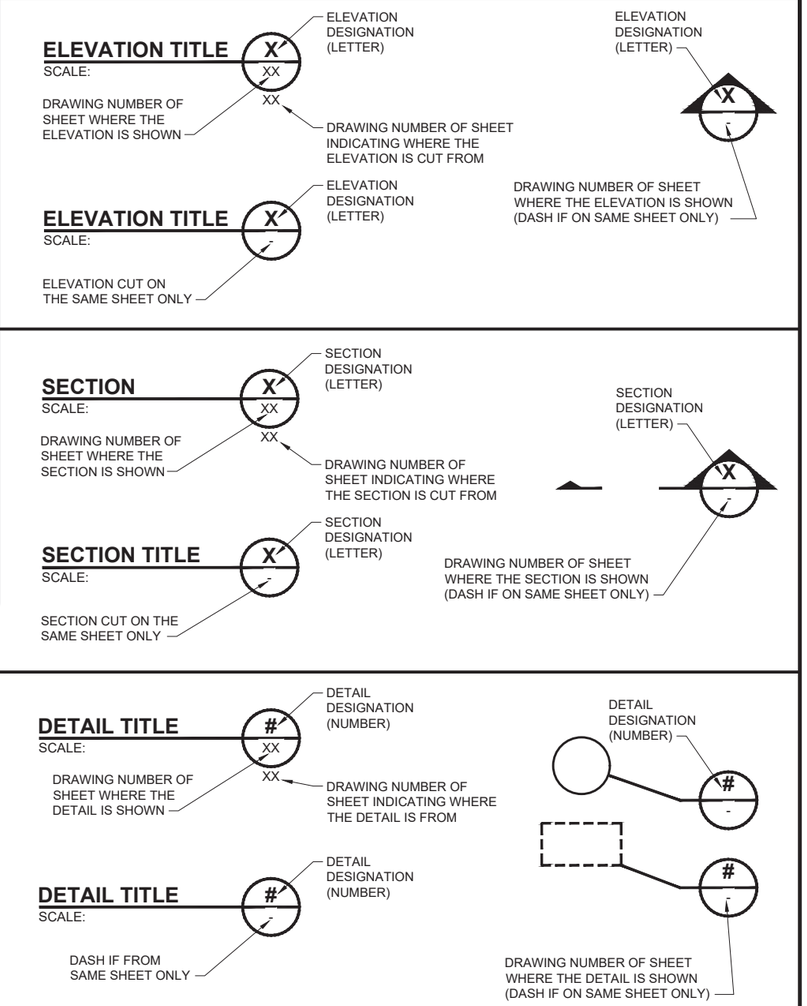
NAVD '88

ALL DIMENSIONS SHOWN IN FEET UNLESS OTHERWISE DESIGNATED.

TWO DAYS BEFORE YOU DIG
CALL
1-800-424-5555

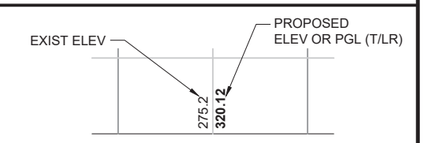
1. SEE EACH DISCIPLINES GENERAL SHEET FOR ADDITIONAL INFORMATION.
2. UTILITY LOCATES CALL 811 MINIMUM 2 AND MAXIMUM 10 BUSINESS DAYS BEFORE YOU DIG.

SYMBOLS



EQNBK= EB 000+00
EQNAHD= EB 000+00

TYPICAL STATION EQUATION INFORMATION

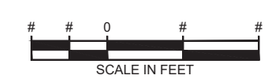


EB 000+00
TYPICAL PROFILE ELEVATION DATA

SYMBOLS

STATION EQUATION

NORTH ARROW



SCALE BAR (SCALE AS NOTED ON SHEET)

No.	DATE	DSN	CHK	APP	REVISION

DESIGNED BY:
DRAWN BY:
CHECKED BY:
APPROVED BY:

PHASE 2

wsp

SUBMITTED BY: DATE: REVIEWED BY: DATE:

LINE IS 1" AT FULL SCALE

SOUNDTRANSIT

SCALE: NTS
FILENAME: I405-G10-GZN100
CONTRACT ID:
DATE: 4/10/2020

I-405 BRT
BURIEN TC TO LYNNWOOD TC CONCEPTUAL ENGINEERING PLANS

GENERAL NOTES, SYMBOLS, & SYSTEMS INVENTORY

DRAWING No.: G10-GZN102
LOCATION No.:
SHEET No.: 5
REV: 0

04/10/20 | 2:26 PM | USCS678695
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SYMBOLS

EXISTING		PROPOSED
	FACILITY TO ABANDON	
	FACILITY TO REMOVE	
	TRAFFIC SIGNAL POLE	
SJ	SIGNAL JUNCTION BOX	
	TRAFFIC SIGNAL POLE WITH LUMINAIRE	
	JUNCTION BOX OR PULL BOX	
	CAMERA	
CV	CABLE VAULT\INFORMATION	
ITS	TECHNOLOGY SERVICES	
	DOUBLE LUMINAIRE	
	GUARD POST	
	JUNCTION BOX	
	STANDPIPE WITH HOSE VALVE	
WM OR	WATER METER	
W	WATER MANHOLE	W
	THRUST BLOCK	
OR	FIRE HYDRANT	OR
	FIRE DEPARTMENT CONNECTION	
	BUTTERFLY VALVE, M.J.	
	EMPTY CASING (CAPPED)	
	POST INDICATOR VALVE	
	WATER VALVE	
	CAPPED PIPE/PLUG	
	WATER BLOWOFF VALVE	
ICV	IRRIGATION CONTROL VALVE	ICV
	GAS VALVE	
	PAD MOUNTED TRANSFORMER	
EV OR E	ELECTRIC VAULT	EV
EMH OR E	ELECTRIC MANHOLE	EMH
EM	ELECTRIC METER	EM
	UTILITY POLE	
	UTILITY POLE ANCHOR	
OR	UTILITY POLE W/ LIGHT	OR OR
	GUY POLE W/ANCHOR	
	TELEPHONE RISER	
UT	UTILITY VAULT	UT
UNK	UNKNOWN VAULT	
T	TELEPHONE MANHOLE	T
C	CABLE TV MANHOLE	C
FO	FIBER OPTIC MANHOLE	FO
T	TELEPHONE VAULT	T
FO	FIBER OPTIC VAULT	FO
C	CABLE TV VAULT	C
TS	TEST STATION	TS
TCB OR	TRAFFIC CABINET	TCB OR
	TRAFFIC CONTROLLER	
TV	TRAFFIC VAULT	
	TRAFFIC SIGNAL/CONTROLLER UNDERGROUND	
CO	SAN. SEWER CLEAN OUT	CO
	SAN. SEWER MANHOLE	
	STORM DRAIN CATCH BASIN	
	STORM DRAIN CULVERT	
	STORM DRAIN MANHOLE	
	CONCRETE	
	POTHOLE	
DDCA	DOUBLE DETECTOR CHECK VALVE	DDCA
	DETENTION POND/VAULT	
	WATER QUALITY FACILITY	

EXISTING		PROPOSED
	JUNCTION BOX TYPE I	
	JUNCTION BOX TYPE II	
	JUNCTION BOX TYPE VIII	
	TYPE 1, PS, OR PEDESTRIAN PUSHBUTTON POLE	
	PEDESTRIAN SIGNAL HEAD	
	RAILROAD CROSSING GATE	
TCB	SIGNAL CONTROLLER CABINET	
	SERVICE CABINET	
	COUPLING	
	BLOW-OFF VALVE	
	OCS POLE FOUNDATION	O
	OCS DOWN GUY FOUNDATION	C

WSDOT SYMBOLS

	VMS/LED CABINET
	VARIABLE MESSAGE SIGN
	ADVANCED WARNING SIGN
	CONTROLLER CABINET (RAMP METER OR DATA STATION)
	CCTV CONTROLLER CABINET
	COMMUNICATIONS HUB
	ITS CABLE VAULT
	INDUCTION LOOP VEHICLE DETECTOR (TYPE R1)
	TRAFFIC CONTROLL GATE
	TYPE 1 JUNCTION BOX
	TYPE 3 JUNCTION BOX
	NEMA 4X JUNCTION BOX
	TYPE 6 JUNCTION BOX
	NEMA 7 JUNCTION BOX
	JUNCTION BOX TYPE A
	JUNCTION BOX TYPE B
	ELECTRIC SERVICE SERVICE CABINET (SUA)
	MOTORIST AID TELEPHONE
	LIGHT STANDARD, 2-ARM, METAL
	LIGHT STANDARD, SINGLE ARM, METAL
	HIGH MAST LIGHT STANDARD, 4 ARMS, METAL
	HIGH MAST LIGHT STANDARD, 3 ARMS, METAL
PB	ITS PULL BOX
	MODIFIED TYPE 2 INDUCTION LOOP VEHICLE DETECTOR
	ELECTRONIC SIGN
	TRANSFORMER CABINET
	UNDERDECK LUMINAIRE
	HARS CONTROLLER CABINET
	GUY POLE W/ ANCHOR
	TYPE 2 INDUCTION LOOP VEHICLE DETECTOR
	OVERHEAD CHANGEABLE MESSAGE SIGN (CMS)
	TYPE 2 JUNCTION BOX
	TYPE 1 SIGNAL STANDARD WITH SIGNAL HEADS
	CCTV CAMERA
	TYPE 2 SIGNAL POLE WITH 2 SIGNALS

EXISTING	UTILITY LINE	PROPOSED
C	CABLE TV UNDERGROUND	
OC	CABLE TV OVERHEAD	
E	ELECTRIC UNDERGROUND	
EFO	ELECTRIC/FIBER OPTIC UNDERGROUND	
OE	ELECTRIC OVERHEAD	
OEC	ELECTRIC/CABLE TV OVERHEAD	
ET	ELECTRIC/TELEPHONE	
OET	ELECTRIC/TELEPHONE OVERHEAD	
OETC	ELECTRIC/TELEPHONE/CABLE OVERHEAD	
OEFO	ELECTRIC/FIBER OPTIC OVERHEAD	
FO	FIBER OPTIC	
CFO	CABLE/FIBER OPTIC	
TCFO	TELEPHONE/CABLE/FIBER OPTIC	
TFO	TELEPHONE/FIBER OPTIC	
TC	TELEPHONE/CABLE TV	
G	GAS	
OP	OIL PIPELINE	
SS	SANITARY SEWER	
	SANITARY SEWER FORCE MAIN	
STE	STEAM	
SD	STORM DRAIN	SD
CS	COMBINED SEWER	
T	TELEPHONE	
OT	TELEPHONE OVERHEAD	
OFO	FIBER OPTIC OVERHEAD	
W	WATER	

UNDERGROUND UTILITIES W/ A DIAMETER OR WIDTH 24" & GREATER

24" E	ELECTRIC DUCT BANK
24" G	GAS
24" SS	SANITARY SEWER
24" SD	STORM DRAIN
24" CS	COMBINED SEWER
24" W	WATER
T (2' W X 2' D DB)	TELEPHONE DUCT BANK
T&FO (2' W X 2' D DB)	TELEPHONE/FIBER OPTIC DUCT BANK
24" CC	CONCRETE CULVERT
24" STE	STEAM

RIGHT OF WAY SYMBOLS

EXISTING RIGHT-OF-WAY LINE	
EXISTING PROPERTY/LOT LINE	
SECTION LINE	
EXISTING CENTERLINE	
EXISTING EASEMENT LINE	
WSDOT LIMITED ACCESS LINE	
WSDOT MILE POST	MP XX
EXISTING ORDINARY HIGH WATER MARK	OHWM
EXISTING WETLAND BOUNDARY	Axx Axx
EXISTING WETLAND BUFFER	
EXISTING WETLAND	

EXISTING		PROPOSED
	EXIST GRADE LINE	
	SOUND WALL	NW
	RETAINING WALL	
	TRACK WALL	TW TW
X	FENCE	X X
	SAW CUT	
XXX	MAJOR CONTOUR	XXX
	MINOR CONTOUR	
	GRADE BREAK	
I	GUARD RAIL	I
	CONTRACTOR WORKING LIMITS	
	TOP OF CUT	C
	TOE OF FILL	F
	DITCH	
	CURB	
	CLEARING AND GRUBBING LIMITS	
	GRADING EXTENTS	
	CONSTRUCTION FENCE, OR CONSTRUCTION NOISE WALL	
	WALL RAILING	
	CONCRETE BARRIER	
CO	STORM DRAIN CLEAN OUT	
	PERVIOUS GROUND	

CHANNELIZATION

LANE LINE	
DROP LANE LINE	
SOLID LANE LINE	
CROSSWALK	
STOP BAR	
THRU LANE ARROW	
LEFT TURN ARROW	
RIGHT TURN ARROW	
THRU/RIGHT TURN ARROW	
LANE MERGE ARROW	
"BUS ONLY" LEGEND	ONLY BUS

PAVING

CONCRETE PAVEMENT	
ASPHALT PAVEMENT (FULL DEPTH)	
ASPHALT OVERLAY	
CONCRETE SIDEWALK	

No.	DATE	DSN	CHK	APP	REVISION

DESIGNED BY:
DRAWN BY:
CHECKED BY:
APPROVED BY:

PHASE 2

wsp

SUBMITTED BY: DATE: REVIEWED BY: DATE:

LINE IS 1" AT FULL SCALE

SOUNDTRANSIT

SCALE: NTS
FILENAME: I405-G10-GZN100
CONTRACT ID:
DATE: 4/10/2020

I-405 BRT
BURIEN TC TO LYNNWOOD TC
CONCEPTUAL ENGINEERING PLANS
SYMBOLS

DRAWING No.: G10-GZN103
LOCATION No.:
SHEET No.: 6
REV: 0

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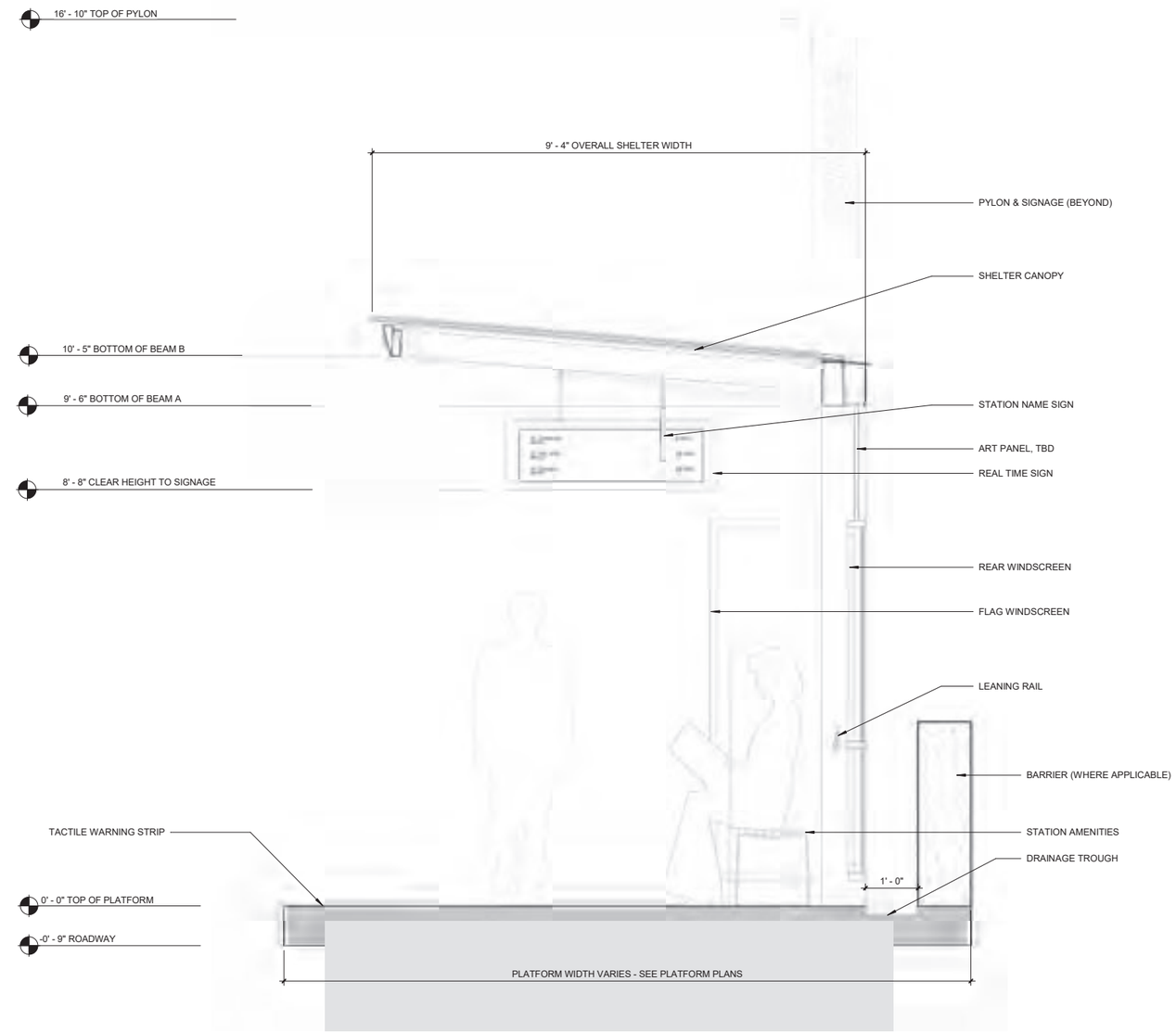


1 TYPICAL SHELTER SECTION - BIG STRIDE
3/4" = 1'-0"

PRINTED ON: 4/10/2020 9:03:46 AM FROM FILE: C:\Pivot_Architecture\Revit_2018\1813_I405 Typical Platforms_R18_bwardle.rvt

No.	DATE	DSN	CHK	APP	REVISION
1	-				-

DESIGNED BY: --
DRAWN BY: BW/CD/JSP
CHECKED BY: KGT
APPROVED BY:

PHASE 2

wsp

PIVOT

LINE IS 1" AT FULL SCALE

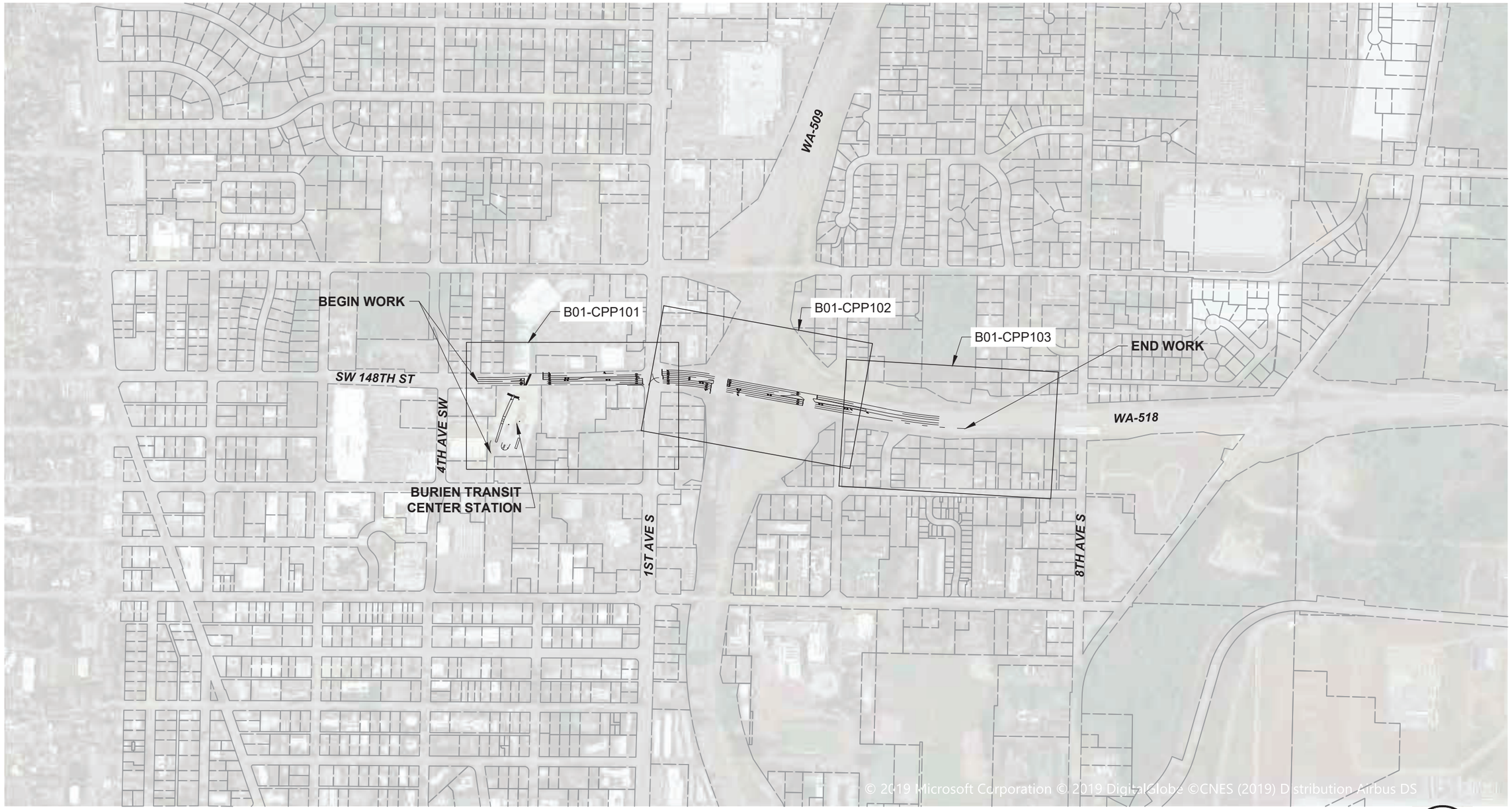
SOUNDTRANSIT

SUBMITTED BY: DATE: REVIEWED BY: DATE:

SCALE: AS NOTED
FILENAME:
CONTRACT ID:
DATE: 04/10/2020

I-405 BRT
BURIEN TC TO LYNNWOOD TC
CONCEPTUAL ENGINEERING PLANS
ARCHITECTURE TYPICAL SHELTER SECTION

DRAWING No.: G10-ASD101
LOCATION No.:
SHEET No.: 7
REV:



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300 150 0 300 600
SCALE IN FEET

No.	DATE	DSN	CHK	APP	REVISION

DESIGNED BY:
DRAWN BY:
CHECKED BY:
APPROVED BY:

PHASE 2

wsp

SUBMITTED BY: DATE: REVIEWED BY: DATE:

LINE IS 1" AT FULL SCALE

SOUNDTRANSIT

SCALE: 1" = 300'
FILENAME: I405-B01-GZK100
CONTRACT ID:
DATE: 4/10/2020

I-405 BRT
BURIEN TC TO LYNNWOOD TC CONCEPTUAL ENGINEERING PLANS
BURIEN
KEY MAP / SUMMARY OF IMPROVEMENTS

DRAWING No.: B01-GZK100
LOCATION No.:
SHEET No.: 8
REV: 0

04/10/20 | 9:14 AM | USCS678695
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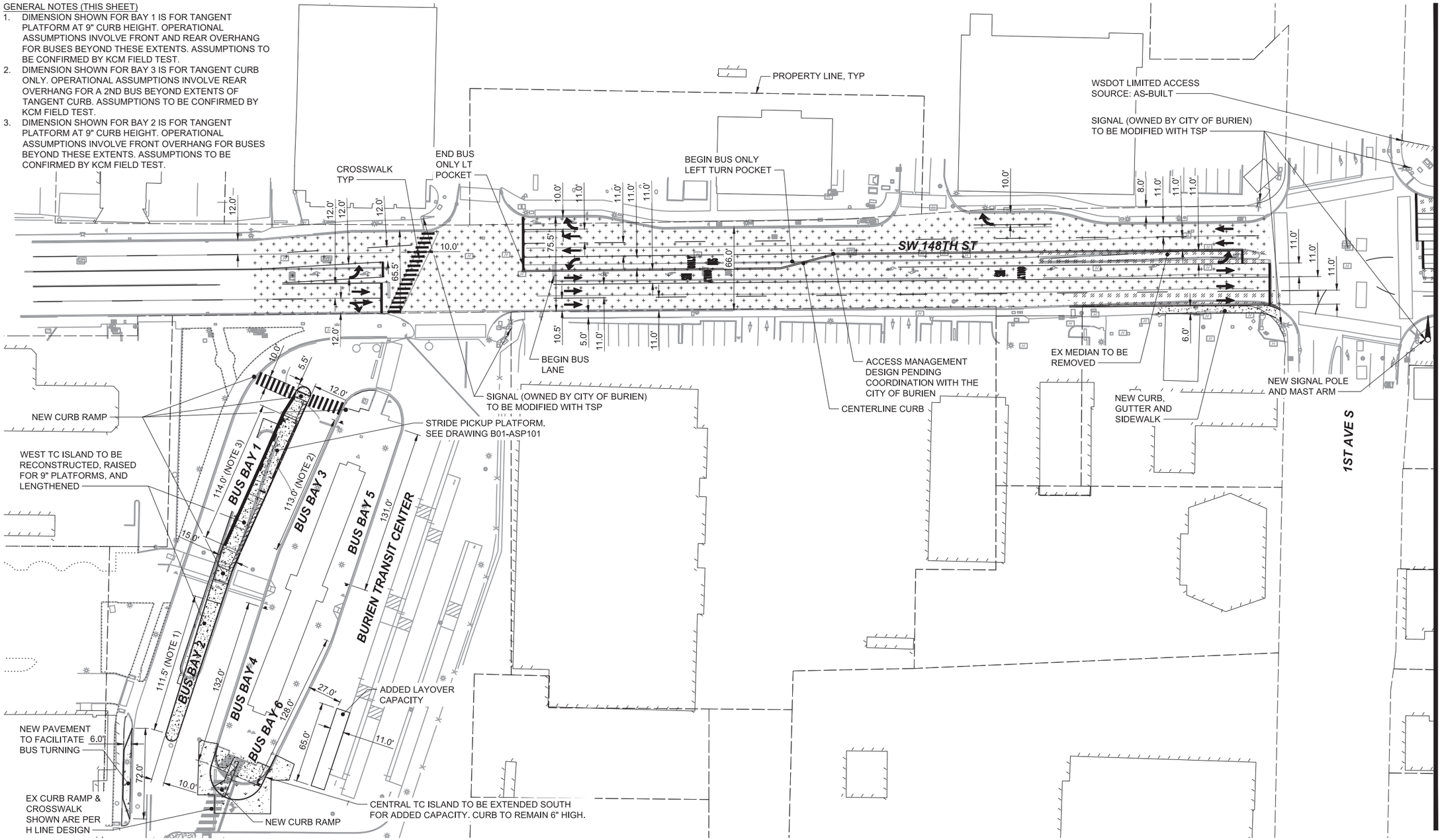
GENERAL NOTES (THIS SHEET)

1. DIMENSION SHOWN FOR BAY 1 IS FOR TANGENT PLATFORM AT 9" CURB HEIGHT. OPERATIONAL ASSUMPTIONS INVOLVE FRONT AND REAR OVERHANG FOR BUSES BEYOND THESE EXTENTS. ASSUMPTIONS TO BE CONFIRMED BY KCM FIELD TEST.
2. DIMENSION SHOWN FOR BAY 3 IS FOR TANGENT CURB ONLY. OPERATIONAL ASSUMPTIONS INVOLVE REAR OVERHANG FOR A 2ND BUS BEYOND EXTENTS OF TANGENT CURB. ASSUMPTIONS TO BE CONFIRMED BY KCM FIELD TEST.
3. DIMENSION SHOWN FOR BAY 2 IS FOR TANGENT PLATFORM AT 9" CURB HEIGHT. OPERATIONAL ASSUMPTIONS INVOLVE FRONT OVERHANG FOR BUSES BEYOND THESE EXTENTS. ASSUMPTIONS TO BE CONFIRMED BY KCM FIELD TEST.



No.	DATE	DSN	CHK	APP	REVISION

DESIGNED BY:
DRAWN BY:
CHECKED BY:
APPROVED BY:

PHASE 2

wsp

SUBMITTED BY: | DATE: | REVIEWED BY: | DATE:

LINE IS 1" AT FULL SCALE

SOUNDTRANSIT

SCALE: 1" = 40'
FILENAME: I405-B01-CPP100
CONTRACT ID:
DATE: 4/10/2020

I-405 BRT
BURIEN TC TO LYNNWOOD TC CONCEPTUAL ENGINEERING PLANS

BURIEN
CIVIL PLANS

DRAWING No.: B01-CPP101
LOCATION No.:
SHEET No.: 9
REV: 0

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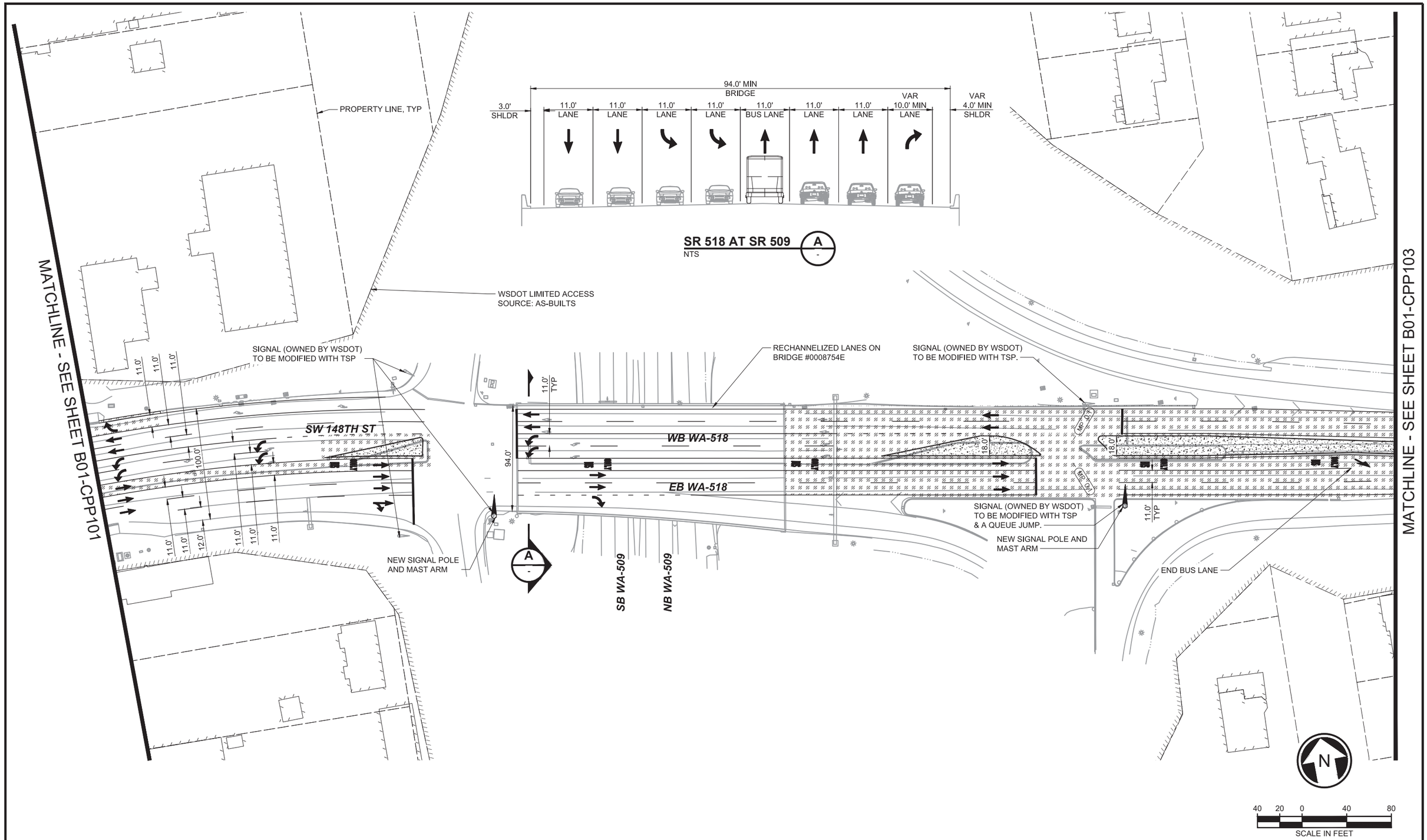

No.	DATE	DSN	CHK	APP	REVISION

DESIGNED BY:
DRAWN BY:
CHECKED BY:
APPROVED BY:

PHASE 2

wsp

SUBMITTED BY: DATE: REVIEWED BY: DATE:

LINE IS 1" AT FULL SCALE

SOUNDTRANSIT

SCALE: 1" = 40'
FILENAME: I405-B01-CPP100
CONTRACT ID:
DATE: 4/10/2020

I-405 BRT
BURIEN TC TO LYNNWOOD TC
CONCEPTUAL ENGINEERING PLANS

BURIEN
CIVIL PLANS

DRAWING No.: B01-CPP102
LOCATION No.:
SHEET No.: 10
REV: 0

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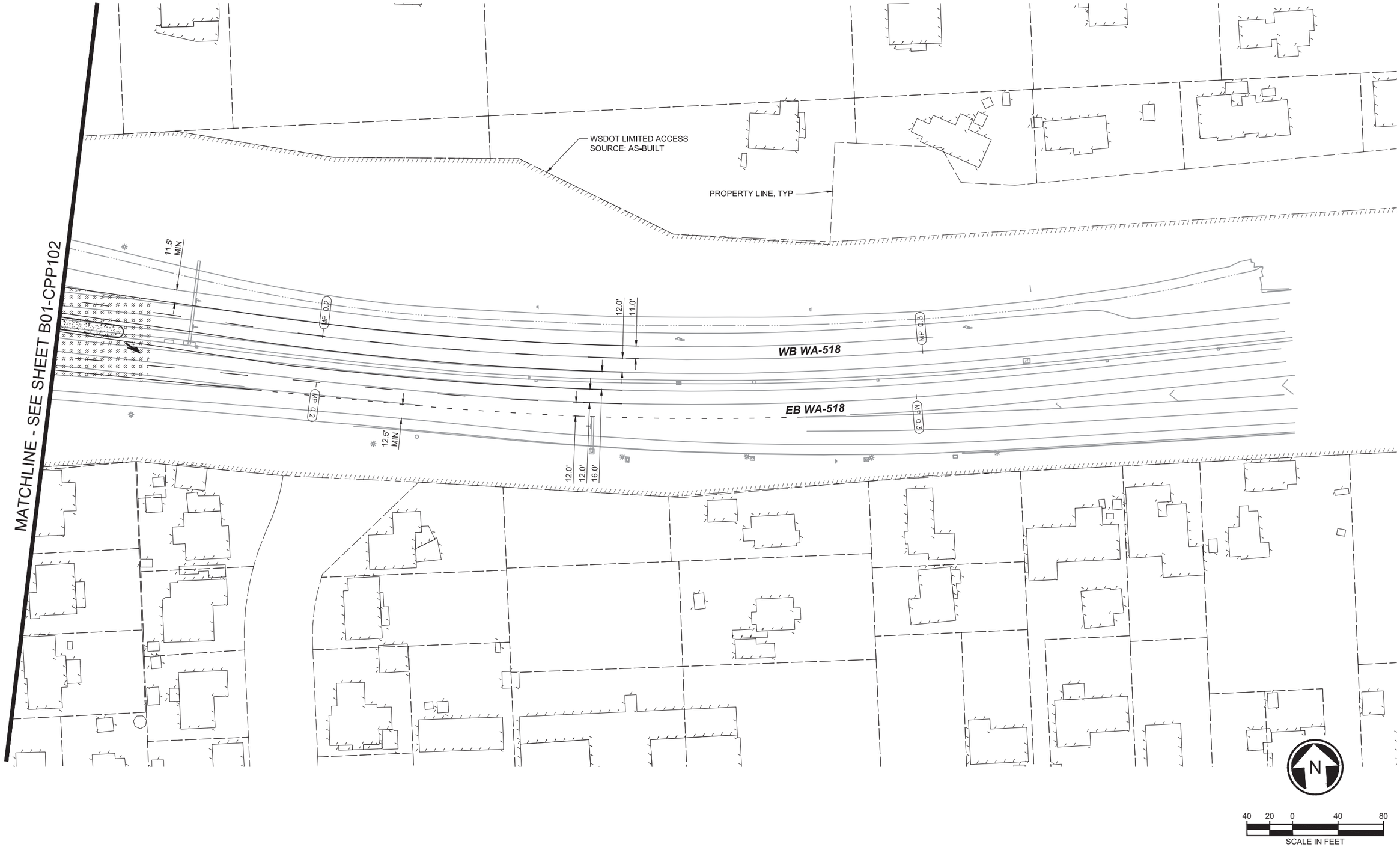

No.	DATE	DSN	CHK	APP	REVISION

DESIGNED BY:
DRAWN BY:
CHECKED BY:
APPROVED BY:

PHASE 2

wsp

SUBMITTED BY: DATE: REVIEWED BY: DATE:

LINE IS 1" AT FULL SCALE

SOUNDTRANSIT

SCALE: 1" = 40'
FILENAME: I405-B01-CPP100
CONTRACT ID:
DATE: 4/10/2020

I-405 BRT
BURIEN TC TO LYNNWOOD TC
CONCEPTUAL ENGINEERING PLANS

BURIEN
CIVIL PLANS

DRAWING No.: B01-CPP103
LOCATION No.:
SHEET No.: 11
REV: 0

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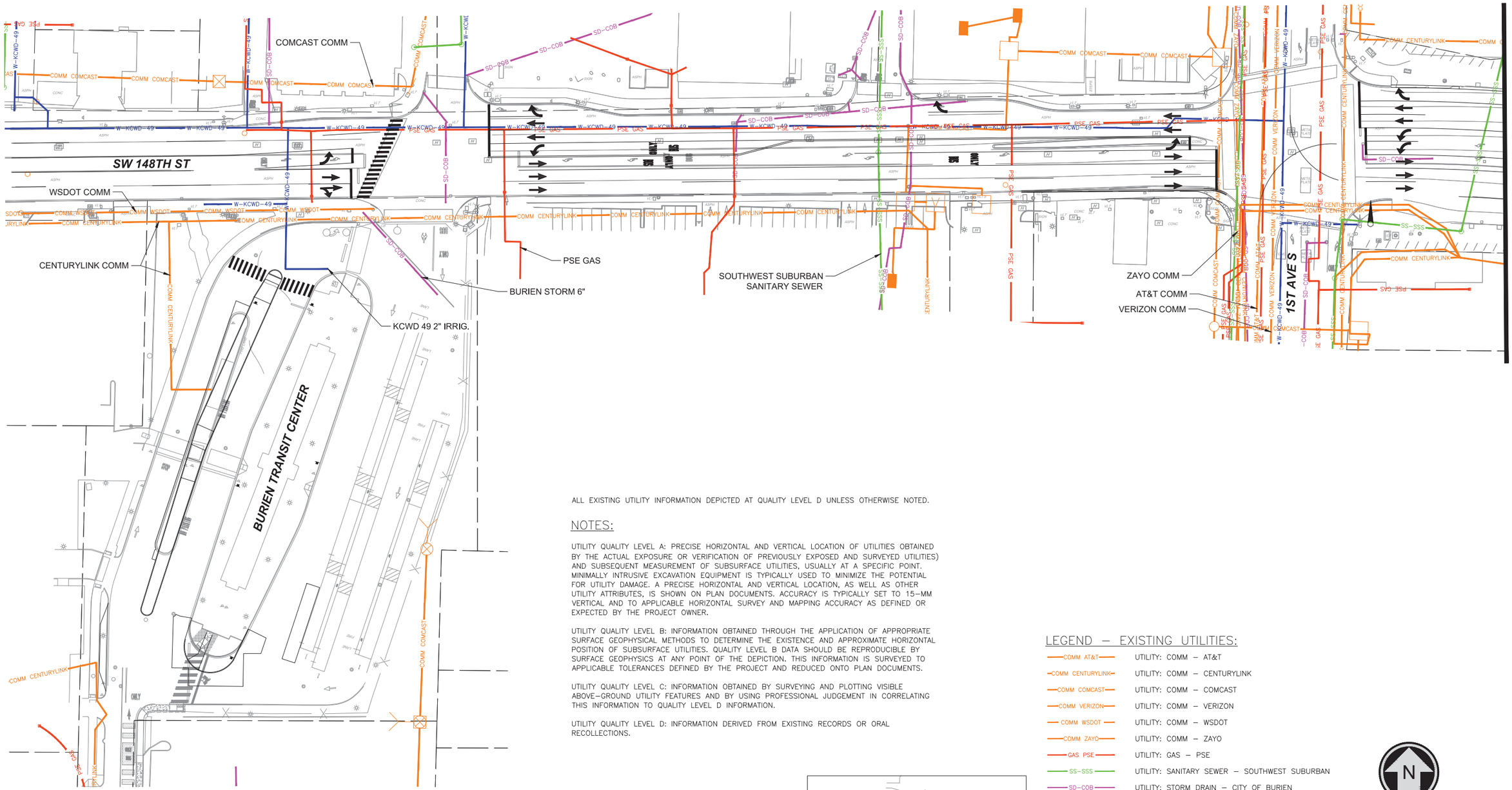


ALL EXISTING UTILITY INFORMATION DEPICTED AT QUALITY LEVEL D UNLESS OTHERWISE NOTED.

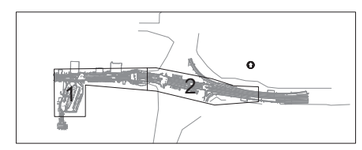
NOTES:

UTILITY QUALITY LEVEL A: PRECISE HORIZONTAL AND VERTICAL LOCATION OF UTILITIES OBTAINED BY THE ACTUAL EXPOSURE OR VERIFICATION OF PREVIOUSLY EXPOSED AND SURVEYED UTILITIES) AND SUBSEQUENT MEASUREMENT OF SUBSURFACE UTILITIES, USUALLY AT A SPECIFIC POINT. MINIMALLY INTRUSIVE EXCAVATION EQUIPMENT IS TYPICALLY USED TO MINIMIZE THE POTENTIAL FOR UTILITY DAMAGE. A PRECISE HORIZONTAL AND VERTICAL LOCATION, AS WELL AS OTHER UTILITY ATTRIBUTES, IS SHOWN ON PLAN DOCUMENTS. ACCURACY IS TYPICALLY SET TO 15–MM VERTICAL AND TO APPLICABLE HORIZONTAL SURVEY AND MAPPING ACCURACY AS DEFINED OR EXPECTED BY THE PROJECT OWNER.

UTILITY QUALITY LEVEL B: INFORMATION OBTAINED THROUGH THE APPLICATION OF APPROPRIATE SURFACE GEOPHYSICAL METHODS TO DETERMINE THE EXISTENCE AND APPROXIMATE HORIZONTAL POSITION OF SUBSURFACE UTILITIES. QUALITY LEVEL B DATA SHOULD BE REPRODUCIBLE BY SURFACE GEOPHYSICS AT ANY POINT OF THE DEPICTION. THIS INFORMATION IS SURVEYED TO APPLICABLE TOLERANCES DEFINED BY THE PROJECT AND REDUCED ONTO PLAN DOCUMENTS.

UTILITY QUALITY LEVEL C: INFORMATION OBTAINED BY SURVEYING AND PLOTTING VISIBLE ABOVE–GROUND UTILITY FEATURES AND BY USING PROFESSIONAL JUDGEMENT IN CORRELATING THIS INFORMATION TO QUALITY LEVEL D INFORMATION.

UTILITY QUALITY LEVEL D: INFORMATION DERIVED FROM EXISTING RECORDS OR ORAL RECOLLECTIONS.



LEGEND – EXISTING UTILITIES:

COMM AT&T	UTILITY: COMM – AT&T
COMM CENTURYLINK	UTILITY: COMM – CENTURYLINK
COMM COMCAST	UTILITY: COMM – COMCAST
COMM VERIZON	UTILITY: COMM – VERIZON
COMM WSDOT	UTILITY: COMM – WSDOT
COMM ZAYO	UTILITY: COMM – ZAYO
GAS PSE	UTILITY: GAS – PSE
SS–SSS	UTILITY: SANITARY SEWER – SOUTHWEST SUBURBAN
SD–COB	UTILITY: STORM DRAIN – CITY OF BURIEN
W–KCWD–20	UTILITY: WATER – KING COUNTY WATER DISTRICT 20
W–KCWD–49	UTILITY: WATER – KING COUNTY WATER DISTRICT 49

N

40 20 0 40 80
SCALE IN FEET

No.	DATE	DSN	CHK	APP	REVISION

DESIGNED BY:
DRAWN BY:
CHECKED BY:
APPROVED BY:

PHASE 2

PERTEET
2707 COLBY AVENUE, SUITE 900
EVERETT, WA 98201
425.252.7700 | 800.615.9900

wsp

LINE IS 1" AT FULL SCALE

SOUNDTRANSIT

SUBMITTED BY: DATE: REVIEWED BY: DATE:

SCALE: 1" = 40'
FILENAME:
CONTRACT ID:
DATE: 4/10/2020

I-405 BRT
BURIEN TC TO LYNNWOOD TC
CONCEPTUAL ENGINEERING PLANS

BURIEN
COMPOSITE UTILITY PLAN

DRAWING No.: B01-UCP101
LOCATION No.:
SHEET No.: 12
REV: 0

04/07/20 | 5:16 PM | DAVID.HARRIS
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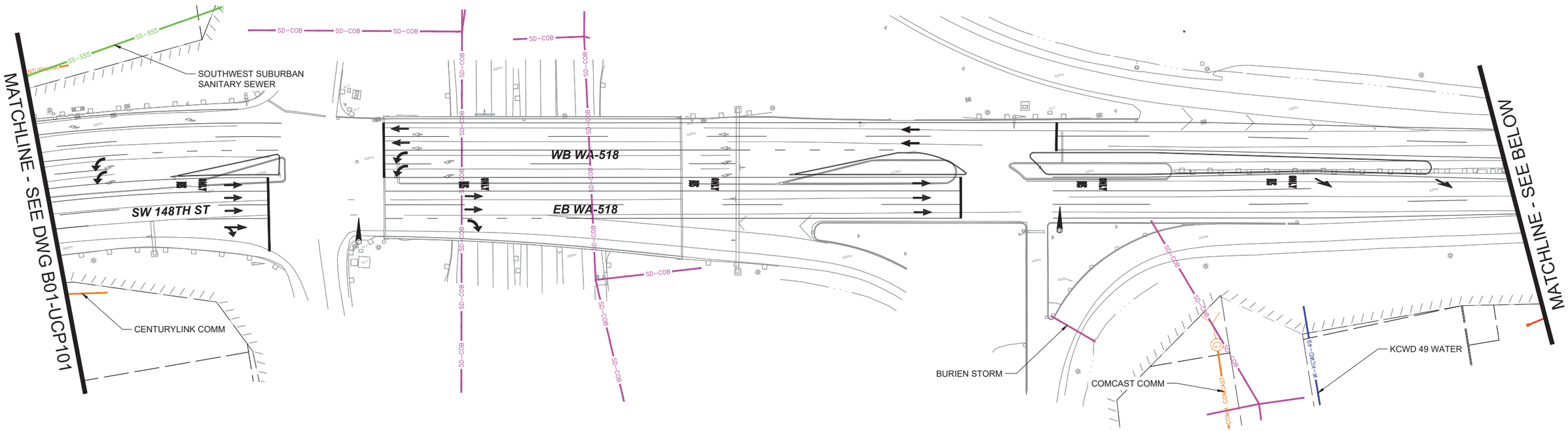

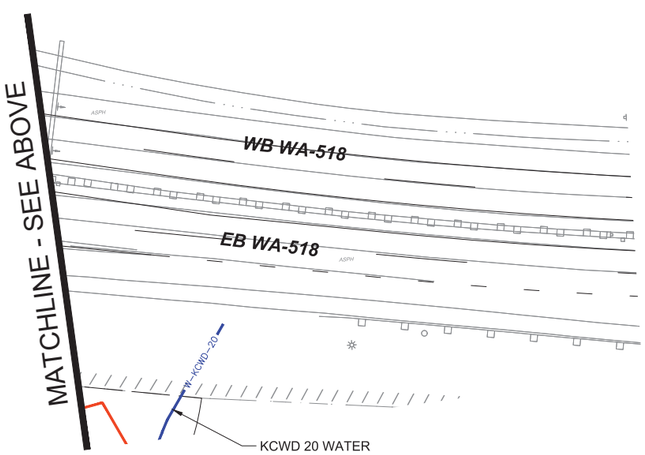

ALL EXISTING UTILITY INFORMATION DEPICTED AT QUALITY LEVEL D UNLESS OTHERWISE NOTED.

NOTES:

UTILITY QUALITY LEVEL A: PRECISE HORIZONTAL AND VERTICAL LOCATION OF UTILITIES OBTAINED BY THE ACTUAL EXPOSURE OR VERIFICATION OF PREVIOUSLY EXPOSED AND SURVEYED UTILITIES) AND SUBSEQUENT MEASUREMENT OF SUBSURFACE UTILITIES, USUALLY AT A SPECIFIC POINT. MINIMALLY INTRUSIVE EXCAVATION EQUIPMENT IS TYPICALLY USED TO MINIMIZE THE POTENTIAL FOR UTILITY DAMAGE. A PRECISE HORIZONTAL AND VERTICAL LOCATION, AS WELL AS OTHER UTILITY ATTRIBUTES, IS SHOWN ON PLAN DOCUMENTS. ACCURACY IS TYPICALLY SET TO 15–MM VERTICAL AND TO APPLICABLE HORIZONTAL SURVEY AND MAPPING ACCURACY AS DEFINED OR EXPECTED BY THE PROJECT OWNER.

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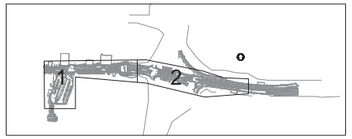
UTILITY QUALITY LEVEL C: INFORMATION OBTAINED BY SURVEYING AND PLOTTING VISIBLE ABOVE–GROUND UTILITY FEATURES AND BY USING PROFESSIONAL JUDGEMENT IN CORRELATING THIS INFORMATION TO QUALITY LEVEL D INFORMATION.

UTILITY QUALITY LEVEL D: INFORMATION DERIVED FROM EXISTING RECORDS OR ORAL RECOLLECTIONS.

LEGEND – EXISTING UTILITIES:

COMM AT&T	UTILITY: COMM – AT&T
COMM CENTURYLINK	UTILITY: COMM – CENTURYLINK
COMM COMCAST	UTILITY: COMM – COMCAST
COMM VERIZON	UTILITY: COMM – VERIZON
COMM WSDOT	UTILITY: COMM – WSDOT
COMM ZAYO	UTILITY: COMM – ZAYO
GAS PSE	UTILITY: GAS – PSE
SS–SSS	UTILITY: SANITARY SEWER – SOUTHWEST SUBURBAN
SD–COB	UTILITY: STORM DRAIN – CITY OF BURIEN
W–KCWD–20	UTILITY: WATER – KING COUNTY WATER DISTRICT 20
W–KCWD–49	UTILITY: WATER – KING COUNTY WATER DISTRICT 49



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40 20 0 40 80

SCALE IN FEET

No.	DATE	DSN	CHK	APP	REVISION

DESIGNED BY:
DRAWN BY:
CHECKED BY:
APPROVED BY:

PHASE 2

PERTEET
2707 COLBY AVENUE, SUITE 900
EVERETT, WA 98201
425.252.7700 | 800.615.9900

wsp

LINE IS 1" AT FULL SCALE

SOUNDTRANSIT

SUBMITTED BY: DATE: REVIEWED BY: DATE:

SCALE: 1" = 40'
FILENAME:
CONTRACT ID:
DATE: 4/10/2020

I-405 BRT
BURIEN TC TO LYNNWOOD TC
CONCEPTUAL ENGINEERING PLANS

BURIEN
COMPOSITE UTILITY PLAN

DRAWING No.: B01-UCP102
LOCATION No.:
SHEET No.: 13
REV: 0

04/07/20 | 5:18 PM | DAVID.HARRIS
X:\SOUND TRANSIT\PROJECTS\20170118 - I-405 BRT & OMF\CADD\02 - PLAN SHEETS\I405-B01-UCP100.DWG

Xrefs:
405_BRT_MP10
xl405RX
405BRT_TB22x34

MONUMENT COORDINATE TABLE

POINT NO.	NORTHING	EASTING	ELEVATION	DESC
103	175200.77	1269991.20	351.72	MON IN CASE
110	175242.58	1269317.51	343.97	MON IN CASE
112	175236.01	1268659.10	349.24	MON IN CASE
116	174577.53	1268054.62	345.38	MON IN CASE
119	173928.42	1269288.39	309.94	MON N CASE
121	173908.04	1269555.81	312.04	MON IN CASE

N

200 100 0 200 400
SCALE IN FEET

No.	DATE	DSN	CHK	APP	REVISION

DESIGNED BY: P. FRANK
DRAWN BY: A. ALIMOVA
CHECKED BY: J. BECKER
APPROVED BY: J. BECKER

PHASE 2

LIN & ASSOCIATES, INC. Consulting Engineers

wsp

LINE IS 1" AT FULL SCALE

SOUNDTRANSIT

SUBMITTED BY:
DATE: 03/27/2020
REVIEWED BY:
DATE: 03/27/2020

SCALE: 1"=200'
FILENAME: I-405-B01-RMP101
CONTRACT ID:
DATE: 03/27/2020

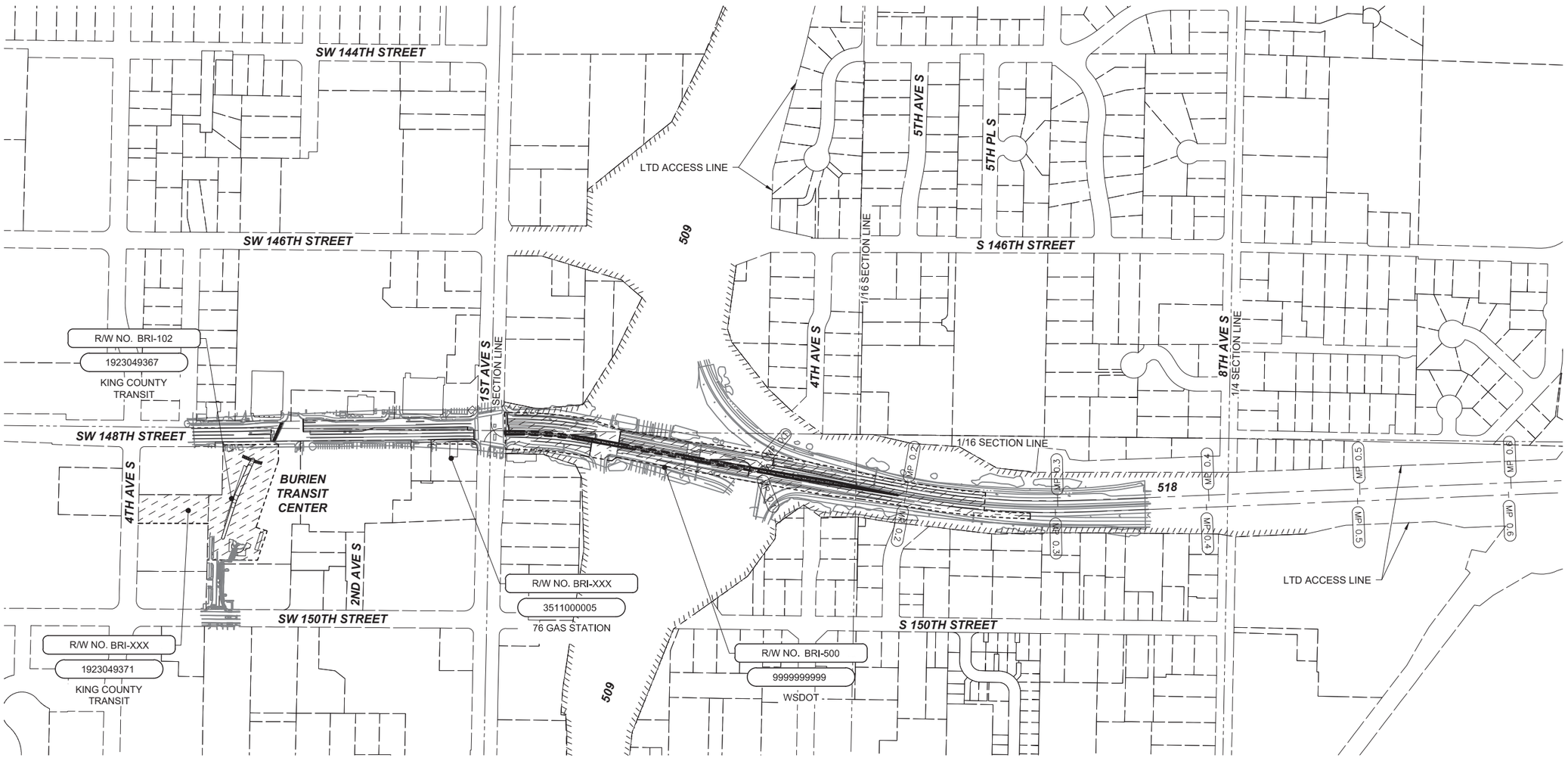
I-405 BRT
BURIEN TC TO LYNNWOOD TC
CONCEPTUAL ENGINEERING PLANS

BURIEN RIGHT-OF-WAY MONUMENTATION PLAN

DRAWING No.: B01-RMP101
LOCATION No.:
SHEET No.: 14
REV:

04/10/20 | 3:42 PM | LIN114
S:\1924 - ST I-405 BRT\ROWSHEET FILES\I-405-B01-RMP101.DWG

Xrefs:
xl405RX
405BRT_TB22x34
xl405-B10-CEP001
xl405-B01-RPP100
xl405-B01-CPP100
I-405_BRT_Burien_V_ST
405_BRT_MP10



LEGEND

- MP XX — WSDOT MILE POST
- WSDOT LIMITED ACCESS
- PROPERTY LINE
- FEE TAKE
- TEMPORARY CONSTRUCTION EASEMENT
- WSDOT ASL

N

200 100 0 200 400
SCALE IN FEET

SOUND TRANSIT R/W NO.		PARCEL NO. (TAX ACCOUNT NO.)	OWNERS	PARCEL AREA SQ. FT.	FEE TAKE SQ. FT.	REMAINDER SQ. FT.	GUIDEWAY/ PERMANENT ESMT SQ. FT.	TEMPORARY CONSTRUCTION ESMT SQ. FT.	KING CO. RECORDING NO.
1	BRI-102	1923049367	KING COUNTY TRANSIT	128,734				47,911	
2	BRI-XXX	1923049371	KING COUNTY TRANSIT	65,110				23,365	
3	BRI-XXX	3511000005	76 GAS STATION	23,417				2,226	
4	BRI-500	9999999999	WSDOT				14,179	163,563	

No.	DATE	DSN	CHK	APP	REVISION

DESIGNED BY: P. FRANK
DRAWN BY: A. ALIMOVA
CHECKED BY: J. BECKER
APPROVED BY: J. BECKER

PHASE 2

LIN & ASSOCIATES, INC. Consulting Engineers
SUBMITTED BY:
DATE: 03/27/2020
REVIEWED BY:

LINE IS 1" AT FULL SCALE

SOUNDTRANSIT
DATE: 03/27/2020

SCALE: 1"=200'
FILENAME: I-405-B01-RPP101
CONTRACT ID:
DATE: 03/27/2020

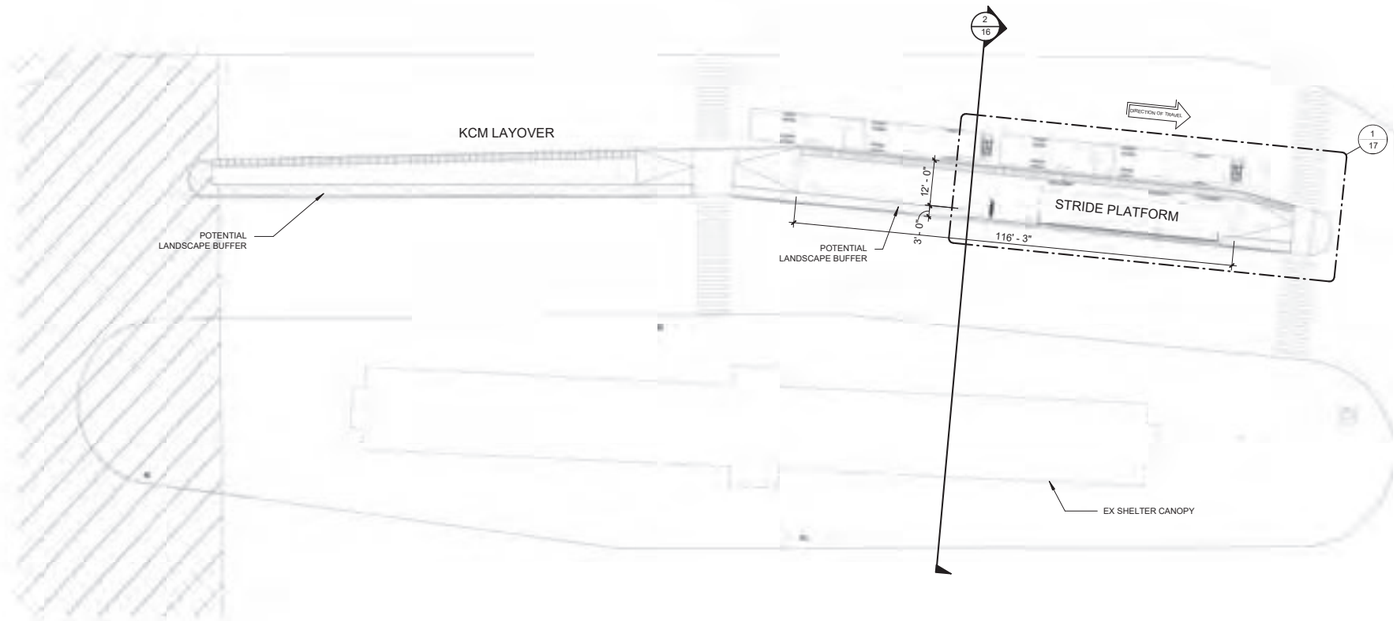
I-405 BRT
BURIEN TC TO LYNNWOOD TC
CONCEPTUAL ENGINEERING PLANS

BURIEN RIGHT-OF-WAY PLAN

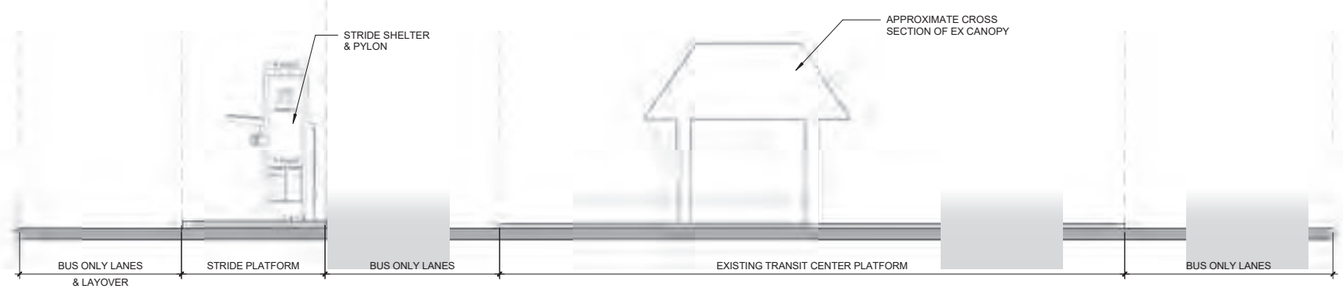
DRAWING No.: B01-RPP101
LOCATION No.:
SHEET No.: 15
REV:

03/27/20 | 11:51 AM | LIN94
S:\1924 - ST I-405 BRT\ROWSHEET FILES\ARCHIVE\20200327 IDR REVISIONS\I-405-B01-RPP101.DWG

GENERAL NOTE:
A. SHELTER AND AMENITIES AT EACH STATION ARE BASED ON A PROTOTYPICAL LAYOUT AND MAY VARY AS THE PROJECT DEVLOPS.



1 BURIEN TC SITE PLAN
1" = 20'-0"



2 BURIEN TC SECTION DIAGRAM
1/8" = 1'-0"

No.	DATE	DSN	CHK	APP	REVISION
1	-				-

DESIGNED BY: --
DRAWN BY: BW/CD/JSP
CHECKED BY: KGT
APPROVED BY:

PHASE 2

wsp

PIVOT

LINE IS 1" AT FULL SCALE

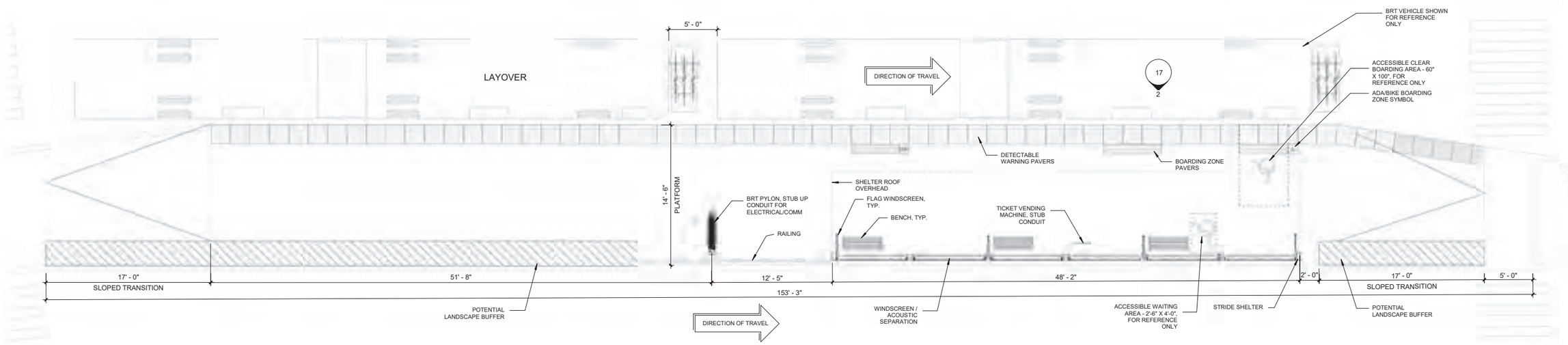
SOUNDTRANSIT

SUBMITTED BY:
DATE:
REVIEWED BY:
DATE:

SCALE: AS NOTED
FILENAME:
CONTRACT ID:
DATE: 04/10/2020

I-405 BRT
BURIEN TC TO LYNNWOOD TC CONCEPTUAL ENGINEERING PLANS
BURIEN TRANSIT CENTER PLATFORM PLANS

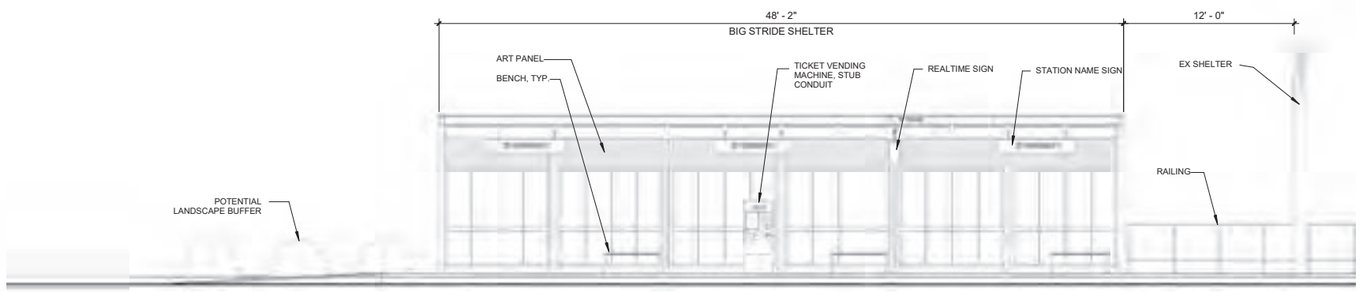
DRAWING No.: B01-ASP101
LOCATION No.:
SHEET No.: 16
REV:



1 BURIEN TRANSIT CENTER PLATFORM PLAN
3/16" = 1'-0"

N

3 BURIEN TRANSIT CENTER



2 BURIEN TC PLATFORM ELEVATION
3/16" = 1'-0"

PRINTED ON: 4/10/2020 9:07:12 AM FROM FILE: C:\Pivot_Architecture\Revit_2018\1813_I405 Typical Platforms_R18_bwardle.rvt

No.	DATE	DSN	CHK	APP	REVISION
1	-				-

DESIGNED BY: --
DRAWN BY: BW/CD/JSP
CHECKED BY: KGT
APPROVED BY:

PHASE 2

wsp

PIVOT

LINE IS 1" AT FULL SCALE

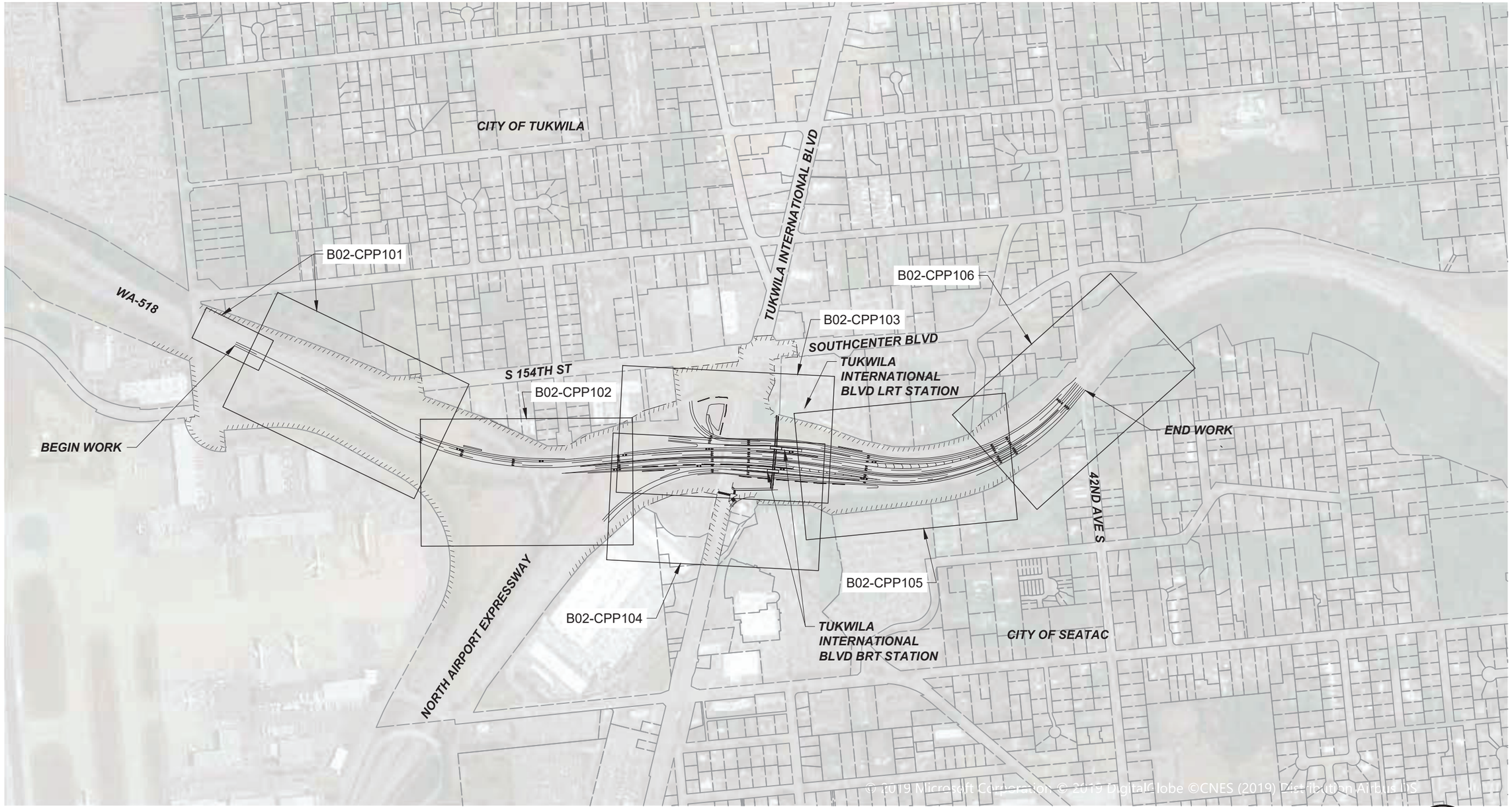
SOUNDTRANSIT

SUBMITTED BY: DATE: REVIEWED BY: DATE:

SCALE: AS NOTED
FILENAME:
CONTRACT ID:
DATE: 04/10/2020

I-405 BRT
BURIEN TC TO LYNNWOOD TC CONCEPTUAL ENGINEERING PLANS
BURIEN TRANSIT CENTER PLATFORM PLANS

DRAWING No.: B01-ASP102
LOCATION No.:
SHEET No.: 17
REV:



No.	DATE	DSN	CHK	APP	REVISION

DESIGNED BY:
DRAWN BY:
CHECKED BY:
APPROVED BY:

PHASE 2

wsp

SUBMITTED BY: | DATE: | REVIEWED BY: | DATE:

LINE IS 1" AT FULL SCALE

SOUNDTRANSIT

SCALE: 1" = 300'
FILENAME: I405-B02-GZK100
CONTRACT ID:
DATE: 4/10/2020

I-405 BRT
BURIEN TC TO LYNNWOOD TC CONCEPTUAL ENGINEERING PLANS
TUKWILA INTERNATIONAL BLVD STATION
KEY MAP / SUMMARY OF IMPROVEMENTS

DRAWING No.: B02-GZK100
LOCATION No.:
SHEET No.: 18
REV: 0

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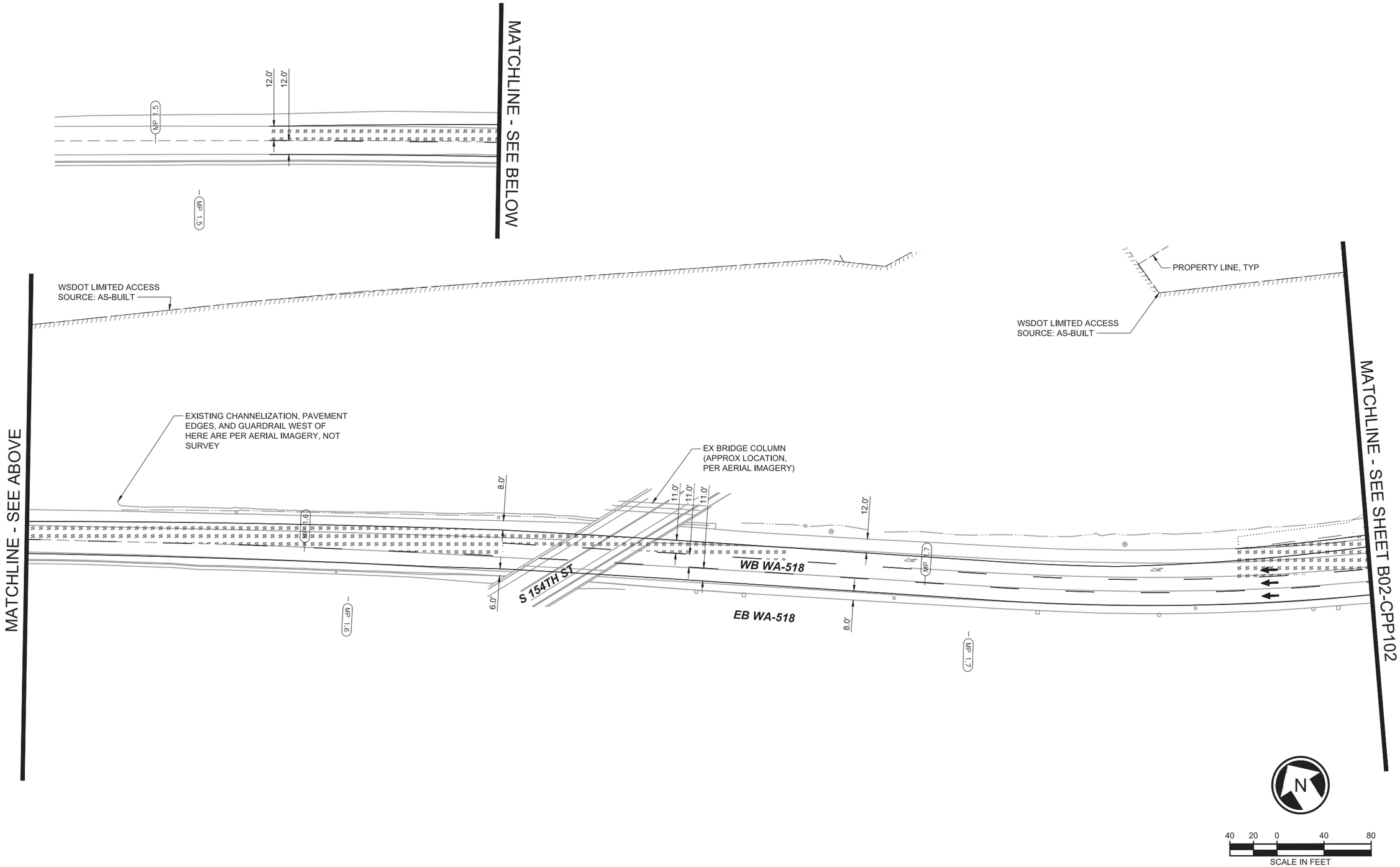

No.	DATE	DSN	CHK	APP	REVISION

DESIGNED BY:
DRAWN BY:
CHECKED BY:
APPROVED BY:

PHASE 2

wsp

SUBMITTED BY: | DATE: | REVIEWED BY: | DATE:

LINE IS 1" AT FULL SCALE

SOUNDTRANSIT

SCALE: 1" = 40'
FILENAME: I405-B02-CPP100
CONTRACT ID:
DATE: 4/10/2020

I-405 BRT
BURIEN TC TO LYNNWOOD TC
CONCEPTUAL ENGINEERING PLANS

TUKWILA INTERNATIONAL BLVD STATION
CIVIL PLANS

DRAWING No.: B02-CPP101
LOCATION No.:
SHEET No.: 19
REV: 0

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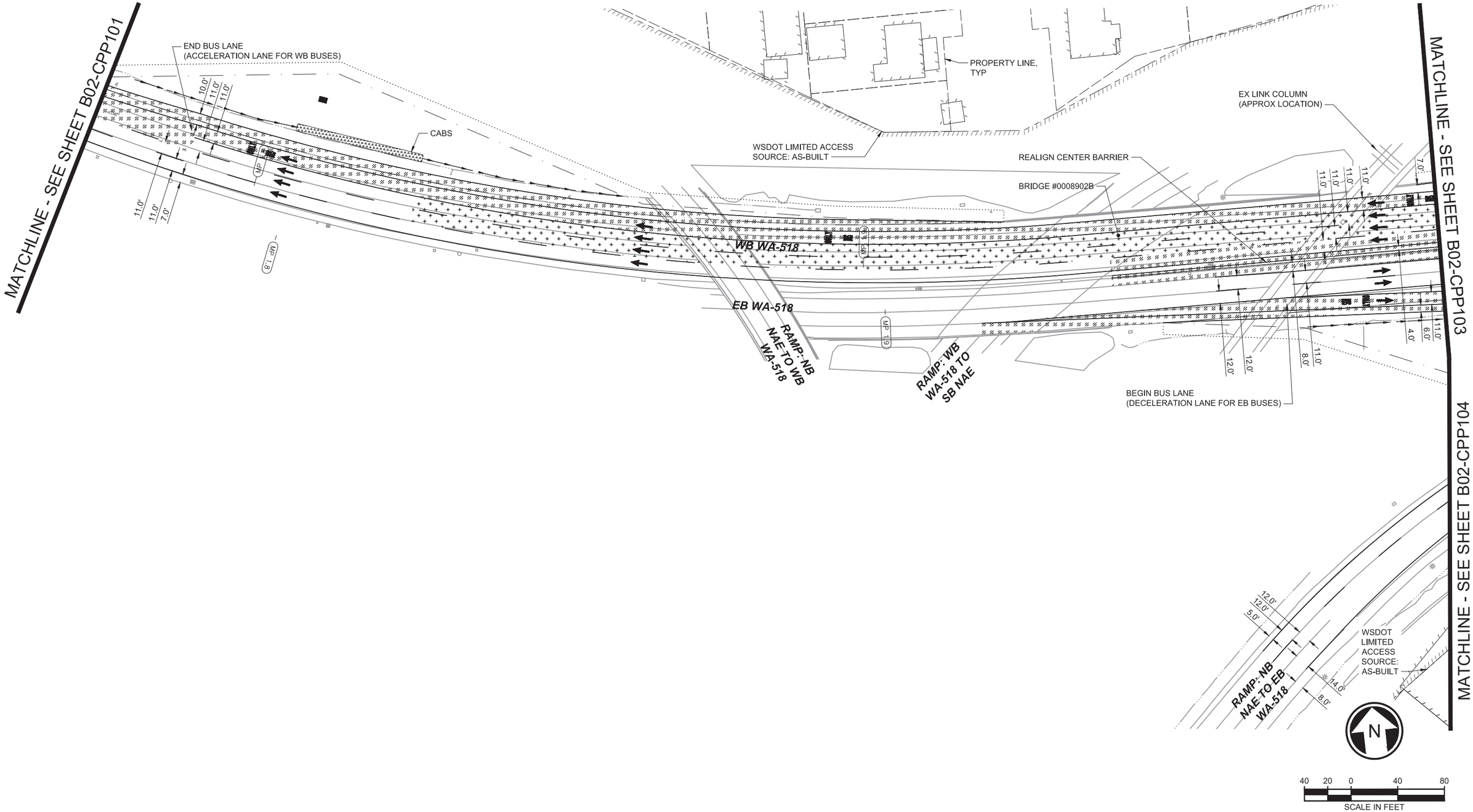

No.	DATE	DSN	CHK	APP	REVISION

DESIGNED BY:
DRAWN BY:
CHECKED BY:
APPROVED BY:

PHASE 2

wsp

SUBMITTED BY: | DATE: | REVIEWED BY: | DATE:

LINE IS 1" AT FULL SCALE

SOUNDTRANSIT

SCALE: 1" = 40'
FILENAME: I405-B02-CPP100
CONTRACT ID:
DATE: 4/10/2020

I-405 BRT
BURIEN TC TO LYNNWOOD TC
CONCEPTUAL ENGINEERING PLANS

TUKWILA INTERNATIONAL BLVD STATION
CIVIL PLANS

DRAWING No.: B02-CPP102
LOCATION No.:
SHEET No.: 20
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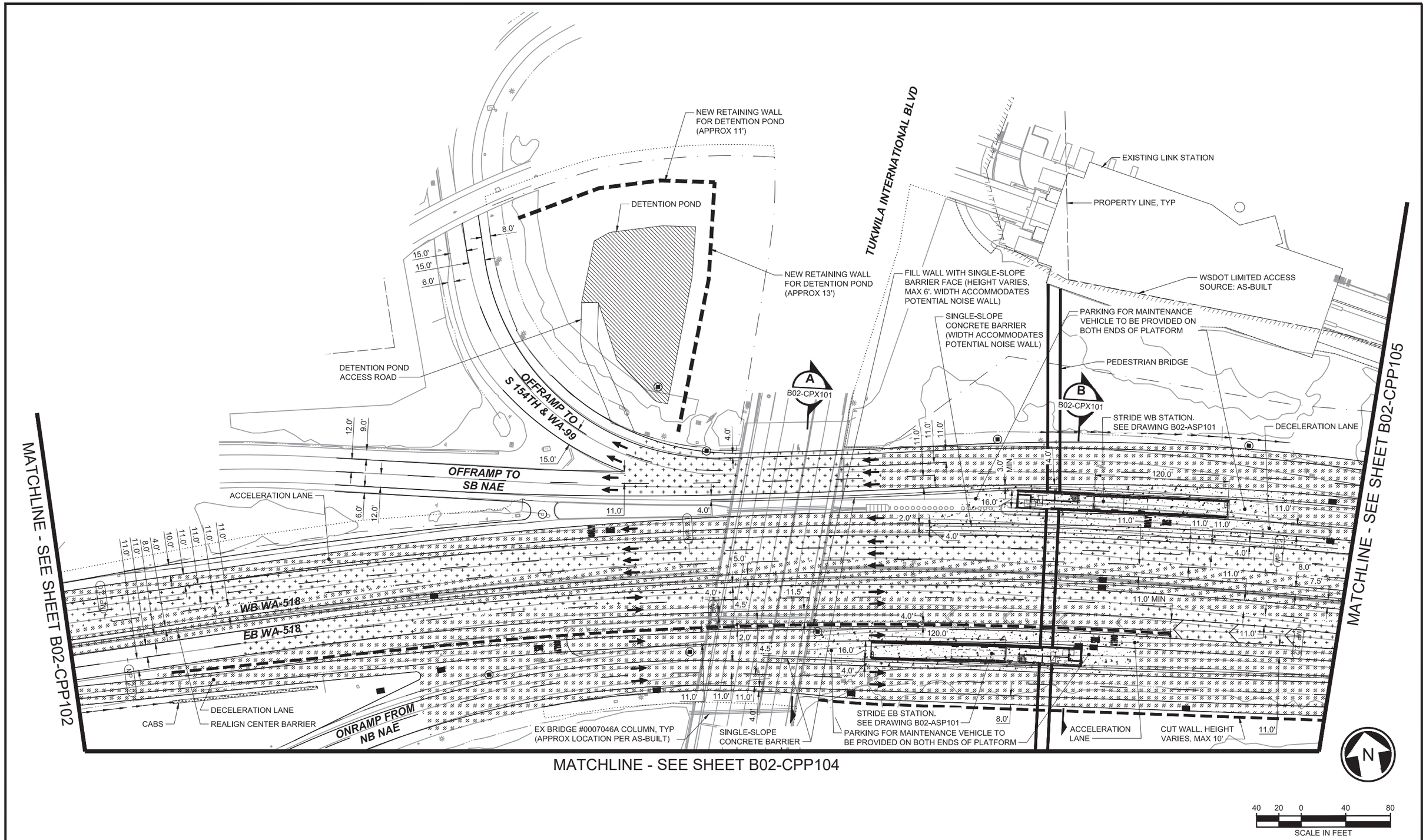

No.	DATE	DSN	CHK	APP	REVISION

DESIGNED BY:
DRAWN BY:
CHECKED BY:
APPROVED BY:

PHASE 2

wsp

SUBMITTED BY: DATE: REVIEWED BY: DATE:

LINE IS 1" AT FULL SCALE

SOUNDTRANSIT

SCALE: 1" = 40'
FILENAME: I405-B02-CPP100
CONTRACT ID:
DATE: 4/10/2020

I-405 BRT
BURIEN TC TO LYNNWOOD TC CONCEPTUAL ENGINEERING PLANS

TUKWILA INTERNATIONAL BLVD STATION
CIVIL PLANS

DRAWING No.: B02-CPP103
LOCATION No.:
SHEET No.: 21
REV: 0

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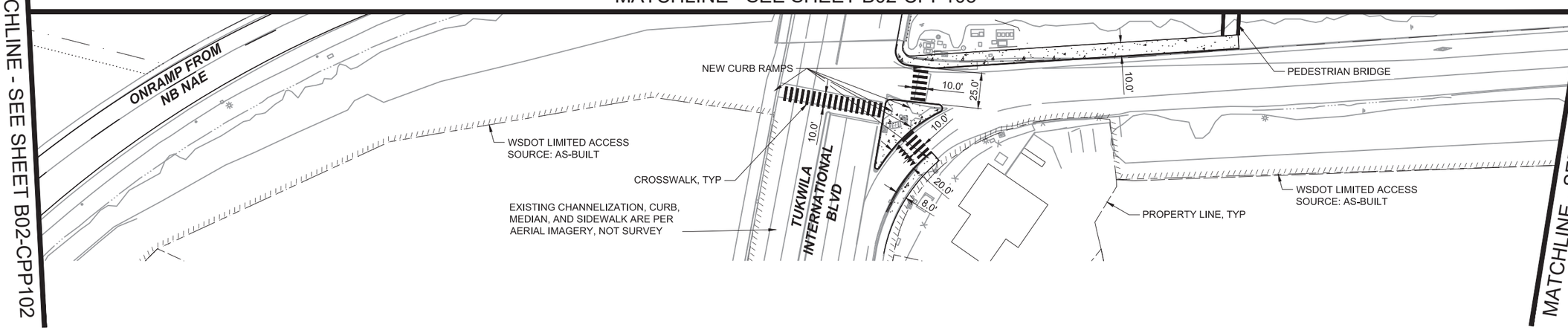
MATCHLINE - SEE SHEET B02-CPP103

MATCHLINE - SEE SHEET B02-CPP102

MATCHLINE - SEE SHEET B02-CPP105



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SCALE IN FEET

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No.	DATE	DSN	CHK	APP	REVISION

DESIGNED BY:
DRAWN BY:
CHECKED BY:
APPROVED BY:

PHASE 2

wsp

SUBMITTED BY: | DATE: | REVIEWED BY: | DATE:

LINE IS 1" AT FULL SCALE

SOUNDTRANSIT

SCALE: 1" = 40'
FILENAME: I405-B02-CPP100
CONTRACT ID:
DATE: 4/10/2020

I-405 BRT
BURIEN TC TO LYNNWOOD TC CONCEPTUAL ENGINEERING PLANS

TUKWILA INTERNATIONAL BLVD STATION
CIVIL PLANS

DRAWING No.: B02-CPP104
LOCATION No.:
SHEET No.: 22
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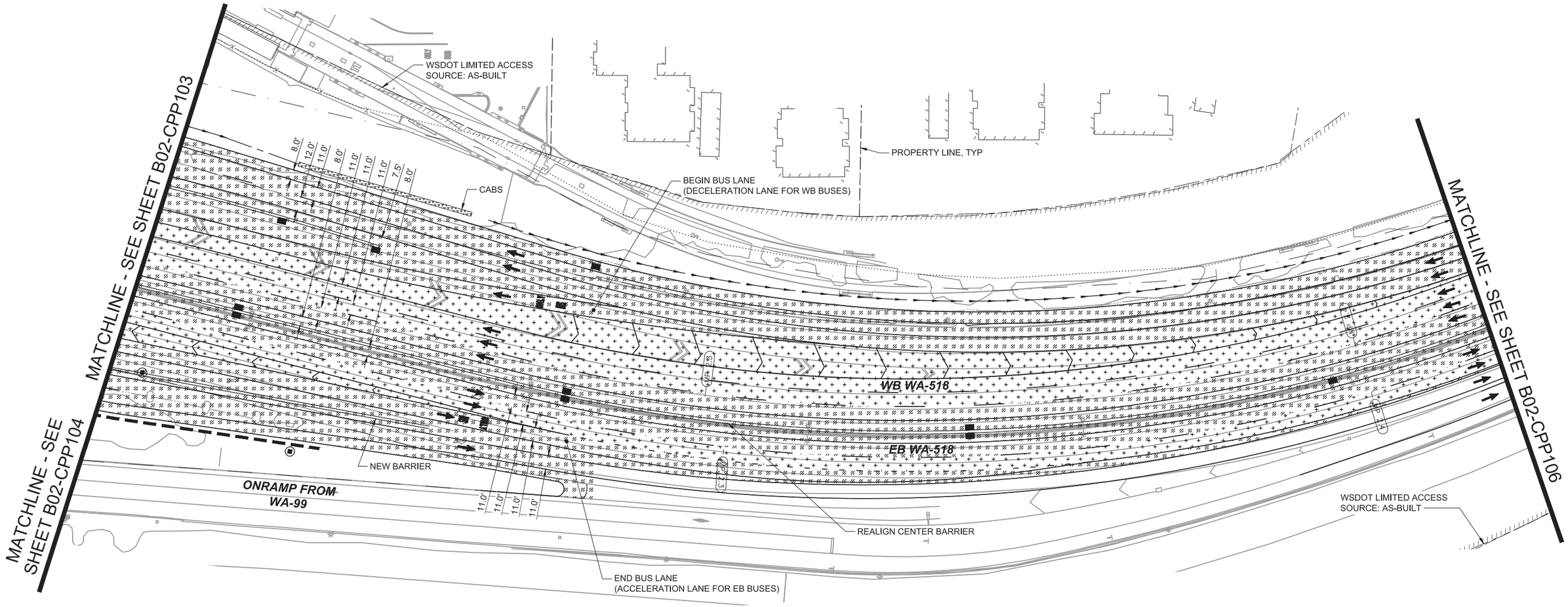

No.	DATE	DSN	CHK	APP	REVISION

DESIGNED BY:
DRAWN BY:
CHECKED BY:
APPROVED BY:

PHASE 2

wsp

SUBMITTED BY: | DATE: | REVIEWED BY: | DATE:

LINE IS 1" AT FULL SCALE

SOUNDTRANSIT

SCALE: 1" = 40'
FILENAME: I405-B02-CPP100
CONTRACT ID:
DATE: 4/10/2020

I-405 BRT
BURIEN TC TO LYNNWOOD TC
CONCEPTUAL ENGINEERING PLANS

TUKWILA INTERNATIONAL BLVD STATION
CIVIL PLANS

DRAWING No.: B02-CPP105
LOCATION No.:
SHEET No.: 23
REV: 0

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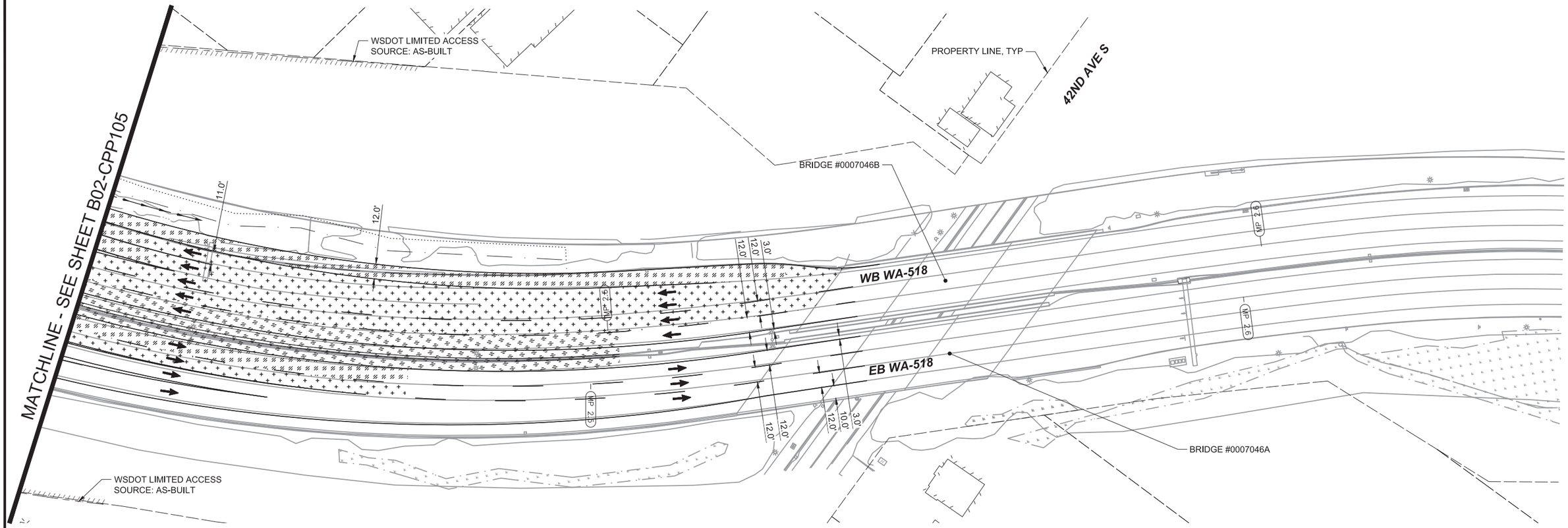

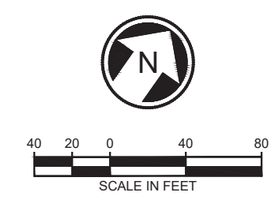

No.	DATE	DSN	CHK	APP	REVISION

DESIGNED BY:
DRAWN BY:
CHECKED BY:
APPROVED BY:

PHASE 2

wsp

SUBMITTED BY: | DATE: | REVIEWED BY: | DATE:

LINE IS 1" AT FULL SCALE

SOUNDTRANSIT

SCALE: 1" = 40'
FILENAME: I405-B02-CPP100
CONTRACT ID:
DATE: 4/10/2020

I-405 BRT
BURIEN TC TO LYNNWOOD TC CONCEPTUAL ENGINEERING PLANS
TUKWILA INTERNATIONAL BLVD STATION
CIVIL PLANS

DRAWING No.: B02-CPP106
LOCATION No.:
SHEET No.: 24
REV: 0

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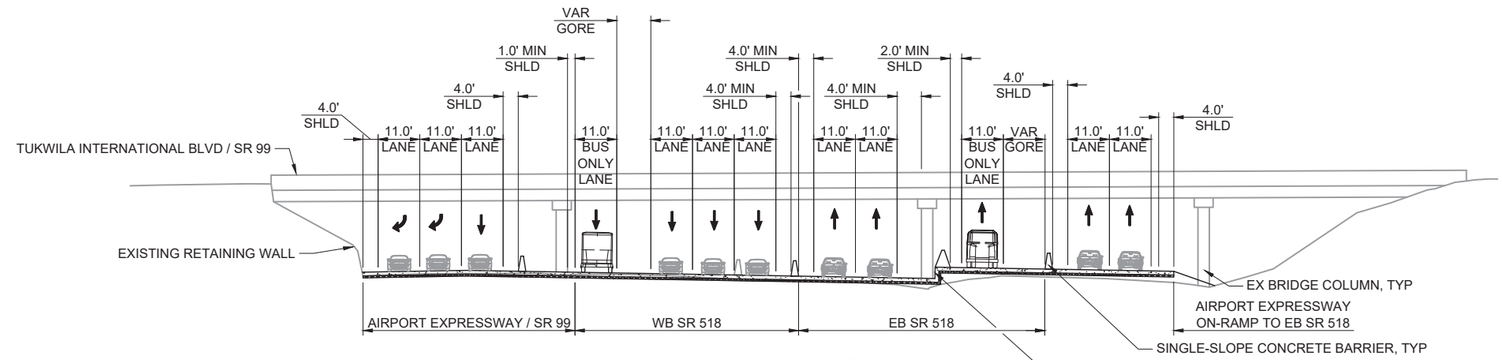
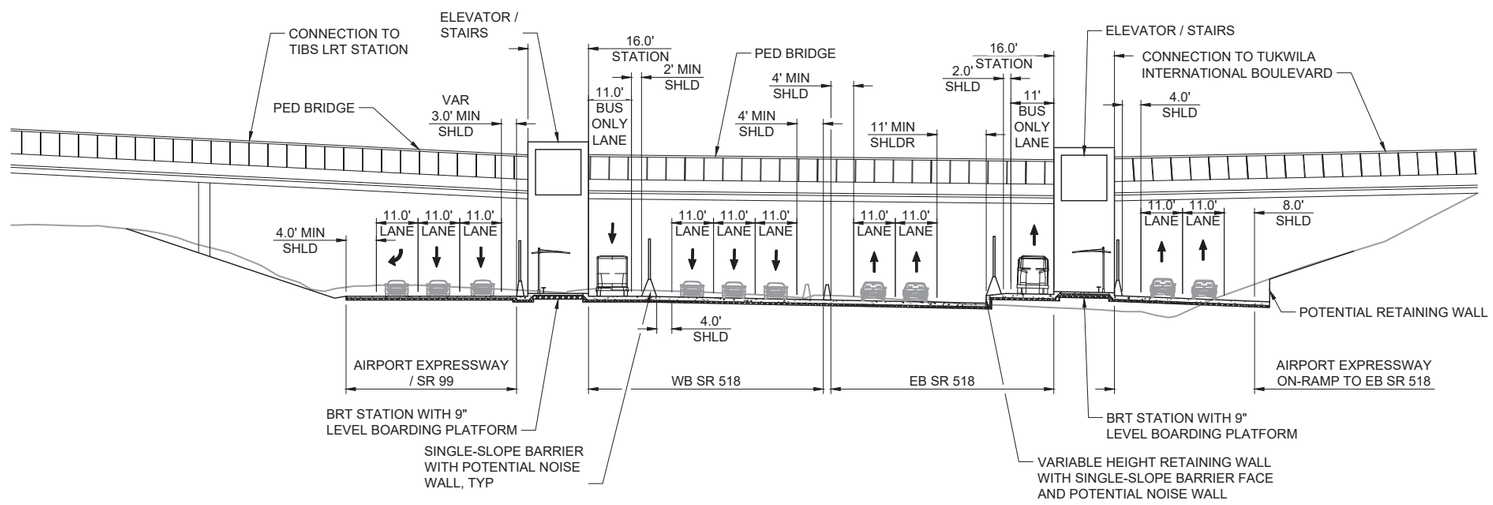


SR 518 AT TUKWILA INTERNATIONAL BLVD (A)

NTS B02-CPP103



SR 518 AT TIBS BRT STATION (B)

NTS B02-CPP103

1. SHOULDER WIDTHS VARY NEAR TIBS STATION TO ACCOMMODATE CURVE RADII OF MULTIPLE FREEWAY RAMPS.

No.	DATE	DSN	CHK	APP	REVISION

DESIGNED BY:
DRAWN BY:
CHECKED BY:
APPROVED BY:

PHASE 2

wsp

SUBMITTED BY: DATE: REVIEWED BY: DATE:

LINE IS 1" AT FULL SCALE

SOUNDTRANSIT

SCALE: 1" = 20'
FILENAME: I405-B02-CPP100
CONTRACT ID:
DATE: 4/10/2020

I-405 BRT
BURIEN TC TO LYNNWOOD TC CONCEPTUAL ENGINEERING PLANS

TUKWILA INTERNATIONAL BLVD STATION
TYPICAL SECTIONS

DRAWING No.: B02-CPX101
LOCATION No.:
SHEET No.: 25
REV: 0

04/10/20 | 9:22 AM | USCS678695
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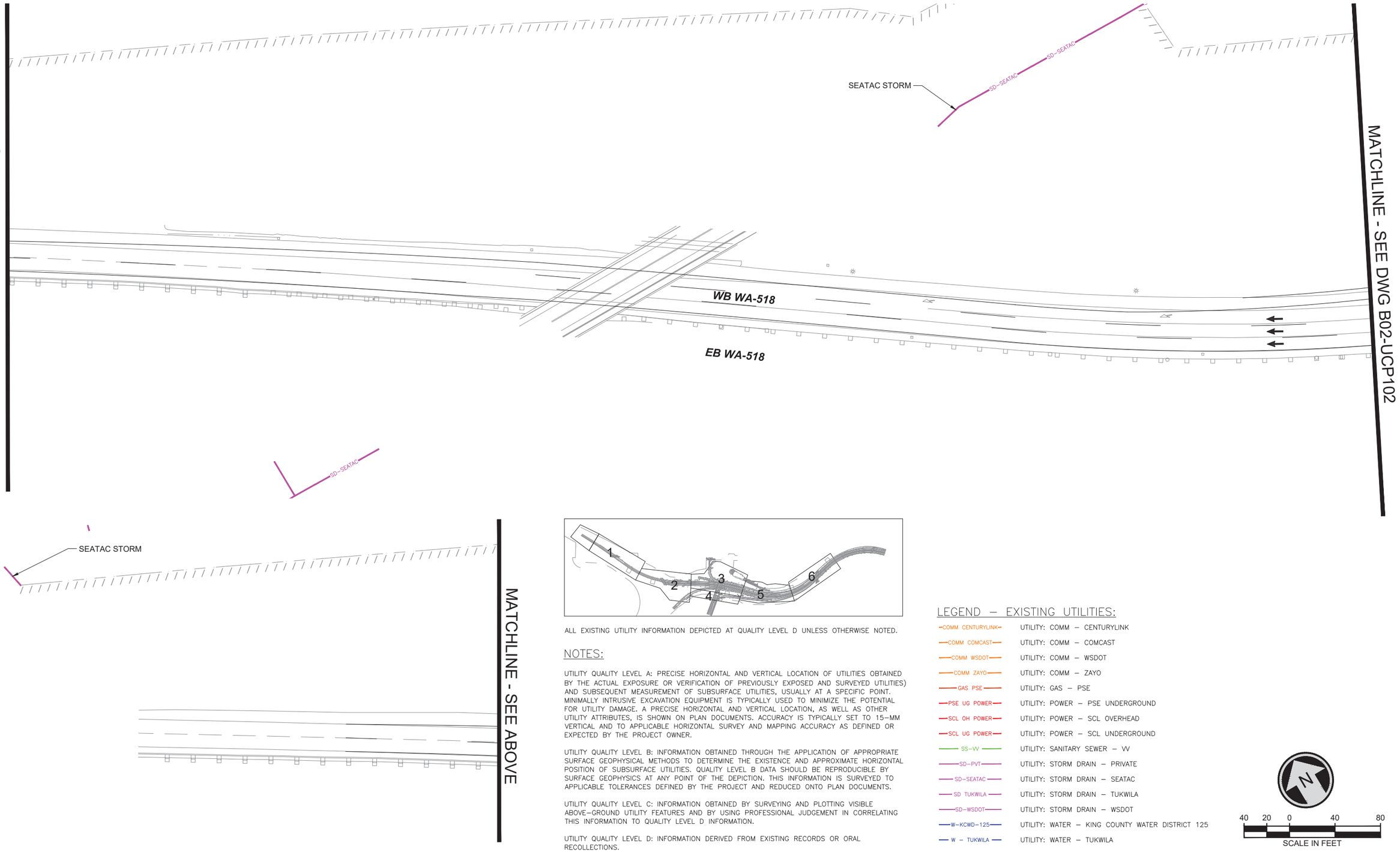


ALL EXISTING UTILITY INFORMATION DEPICTED AT QUALITY LEVEL D UNLESS OTHERWISE NOTED.

NOTES:

UTILITY QUALITY LEVEL A: PRECISE HORIZONTAL AND VERTICAL LOCATION OF UTILITIES OBTAINED BY THE ACTUAL EXPOSURE OR VERIFICATION OF PREVIOUSLY EXPOSED AND SURVEYED UTILITIES) AND SUBSEQUENT MEASUREMENT OF SUBSURFACE UTILITIES, USUALLY AT A SPECIFIC POINT. MINIMALLY INTRUSIVE EXCAVATION EQUIPMENT IS TYPICALLY USED TO MINIMIZE THE POTENTIAL FOR UTILITY DAMAGE. A PRECISE HORIZONTAL AND VERTICAL LOCATION, AS WELL AS OTHER UTILITY ATTRIBUTES, IS SHOWN ON PLAN DOCUMENTS. ACCURACY IS TYPICALLY SET TO 15–MM VERTICAL AND TO APPLICABLE HORIZONTAL SURVEY AND MAPPING ACCURACY AS DEFINED OR EXPECTED BY THE PROJECT OWNER.

UTILITY QUALITY LEVEL B: INFORMATION OBTAINED THROUGH THE APPLICATION OF APPROPRIATE SURFACE GEOPHYSICAL METHODS TO DETERMINE THE EXISTENCE AND APPROXIMATE HORIZONTAL POSITION OF SUBSURFACE UTILITIES. QUALITY LEVEL B DATA SHOULD BE REPRODUCIBLE BY SURFACE GEOPHYSICS AT ANY POINT OF THE DEPICTION. THIS INFORMATION IS SURVEYED TO APPLICABLE TOLERANCES DEFINED BY THE PROJECT AND REDUCED ONTO PLAN DOCUMENTS.

UTILITY QUALITY LEVEL C: INFORMATION OBTAINED BY SURVEYING AND PLOTTING VISIBLE ABOVE–GROUND UTILITY FEATURES AND BY USING PROFESSIONAL JUDGEMENT IN CORRELATING THIS INFORMATION TO QUALITY LEVEL D INFORMATION.

UTILITY QUALITY LEVEL D: INFORMATION DERIVED FROM EXISTING RECORDS OR ORAL RECOLLECTIONS.

LEGEND – EXISTING UTILITIES:

COMM CENTURYLINK	UTILITY: COMM – CENTURYLINK
COMM COMCAST	UTILITY: COMM – COMCAST
COMM WSDOT	UTILITY: COMM – WSDOT
COMM ZAYO	UTILITY: COMM – ZAYO
GAS PSE	UTILITY: GAS – PSE
PSE UG POWER	UTILITY: POWER – PSE UNDERGROUND
SCL OH POWER	UTILITY: POWER – SCL OVERHEAD
SCL UG POWER	UTILITY: POWER – SCL UNDERGROUND
SS–VV	UTILITY: SANITARY SEWER – VV
SD–PVT	UTILITY: STORM DRAIN – PRIVATE
SD–SEATAC	UTILITY: STORM DRAIN – SEATAC
SD TUKWILA	UTILITY: STORM DRAIN – TUKWILA
SD–WSDOT	UTILITY: STORM DRAIN – WSDOT
W–KCWD–125	UTILITY: WATER – KING COUNTY WATER DISTRICT 125
W – TUKWILA	UTILITY: WATER – TUKWILA

N

40 20 0 40 80

SCALE IN FEET

04/07/20 | 5:21 PM | DAVID.HARRIS
X:\SOUND TRANSIT\PROJECTS\20170118 - I-405 BRT & OMF\CADD\02 - PLAN SHEETS\I405-B02-UCP100.DWG

No.	DATE	DSN	CHK	APP	REVISION

DESIGNED BY:
DRAWN BY:
CHECKED BY:
APPROVED BY:

PHASE 2

PERTEET
2707 COLBY AVENUE, SUITE 900
EVERETT, WA 98201
425.252.7700 | 800.615.9900

wsp

LINE IS 1" AT FULL SCALE

SOUNDTRANSIT

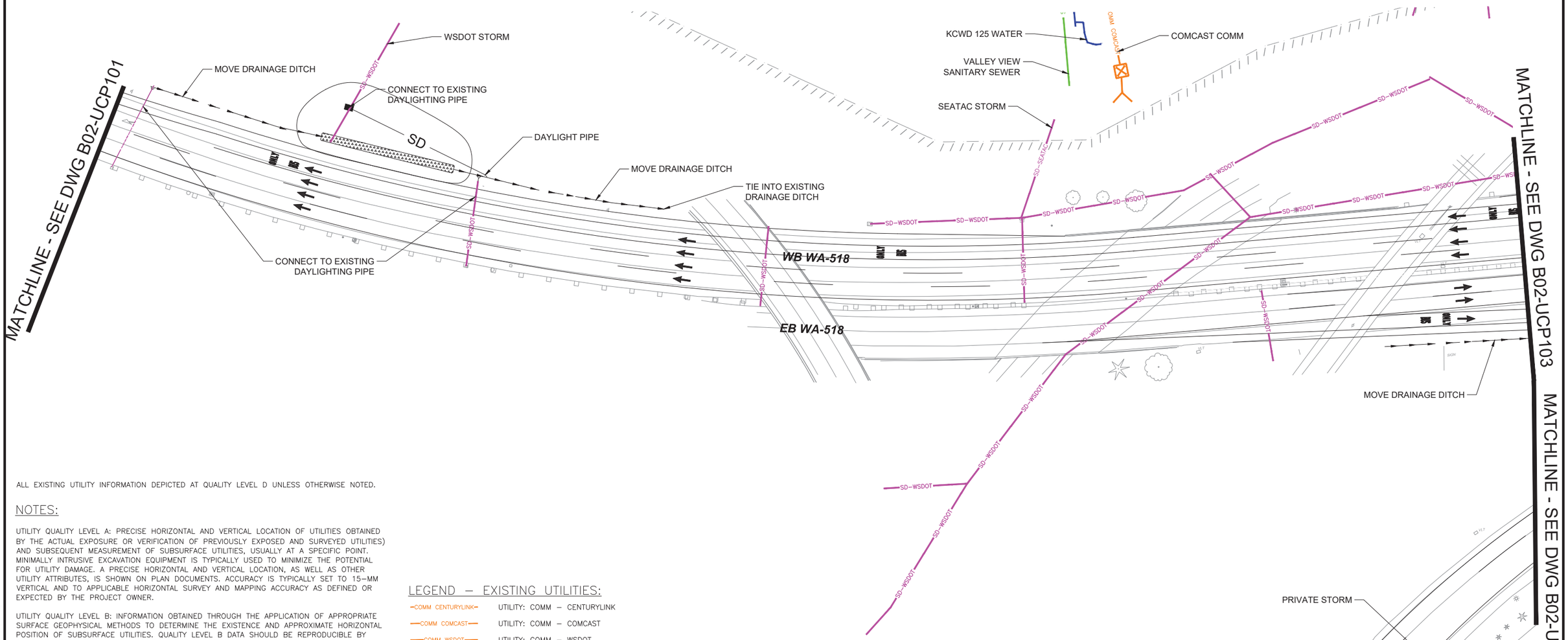
SUBMITTED BY: DATE: REVIEWED BY: DATE:

SCALE: 1" = 40'
FILENAME:
CONTRACT ID:
DATE: 4/10/2020

I-405 BRT
BURIEN TC TO LYNNWOOD TC
CONCEPTUAL ENGINEERING PLANS

TUKWILA INTERNATIONAL BLVD STATION
COMPOSITE UTILITY PLAN

DRAWING No.: B02-UCP101
LOCATION No.:
SHEET No.: 26
REV: 0



ALL EXISTING UTILITY INFORMATION DEPICTED AT QUALITY LEVEL D UNLESS OTHERWISE NOTED.

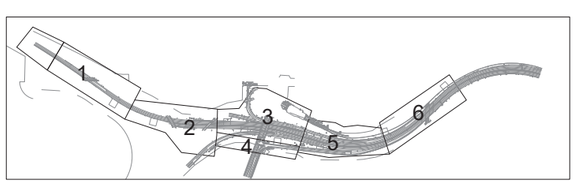
NOTES:

UTILITY QUALITY LEVEL A: PRECISE HORIZONTAL AND VERTICAL LOCATION OF UTILITIES OBTAINED BY THE ACTUAL EXPOSURE OR VERIFICATION OF PREVIOUSLY EXPOSED AND SURVEYED UTILITIES) AND SUBSEQUENT MEASUREMENT OF SUBSURFACE UTILITIES, USUALLY AT A SPECIFIC POINT. MINIMALLY INTRUSIVE EXCAVATION EQUIPMENT IS TYPICALLY USED TO MINIMIZE THE POTENTIAL FOR UTILITY DAMAGE. A PRECISE HORIZONTAL AND VERTICAL LOCATION, AS WELL AS OTHER UTILITY ATTRIBUTES, IS SHOWN ON PLAN DOCUMENTS. ACCURACY IS TYPICALLY SET TO 15-MM VERTICAL AND TO APPLICABLE HORIZONTAL SURVEY AND MAPPING ACCURACY AS DEFINED OR EXPECTED BY THE PROJECT OWNER.

UTILITY QUALITY LEVEL B: INFORMATION OBTAINED THROUGH THE APPLICATION OF APPROPRIATE SURFACE GEOPHYSICAL METHODS TO DETERMINE THE EXISTENCE AND APPROXIMATE HORIZONTAL POSITION OF SUBSURFACE UTILITIES. QUALITY LEVEL B DATA SHOULD BE REPRODUCIBLE BY SURFACE GEOPHYSICS AT ANY POINT OF THE DEPICTION. THIS INFORMATION IS SURVEYED TO APPLICABLE TOLERANCES DEFINED BY THE PROJECT AND REDUCED ONTO PLAN DOCUMENTS.

UTILITY QUALITY LEVEL C: INFORMATION OBTAINED BY SURVEYING AND PLOTTING VISIBLE ABOVE-GROUND UTILITY FEATURES AND BY USING PROFESSIONAL JUDGEMENT IN CORRELATING THIS INFORMATION TO QUALITY LEVEL D INFORMATION.

UTILITY QUALITY LEVEL D: INFORMATION DERIVED FROM EXISTING RECORDS OR ORAL RECOLLECTIONS.



LEGEND – EXISTING UTILITIES:

COMM CENTURYLINK	UTILITY: COMM – CENTURYLINK
COMM COMCAST	UTILITY: COMM – COMCAST
COMM WSDOT	UTILITY: COMM – WSDOT
COMM ZAYO	UTILITY: COMM – ZAYO
GAS PSE	UTILITY: GAS – PSE
PSE UG POWER	UTILITY: POWER – PSE UNDERGROUND
SCL OH POWER	UTILITY: POWER – SCL OVERHEAD
SCL UG POWER	UTILITY: POWER – SCL UNDERGROUND
SS-VV	UTILITY: SANITARY SEWER – VV
SD-PVT	UTILITY: STORM DRAIN – PRIVATE
SD-SEATAC	UTILITY: STORM DRAIN – SEATAC
SD TUKWILA	UTILITY: STORM DRAIN – TUKWILA
SD-WSDOT	UTILITY: STORM DRAIN – WSDOT
W-KCWD-125	UTILITY: WATER – KING COUNTY WATER DISTRICT 125
W – TUKWILA	UTILITY: WATER – TUKWILA

LEGEND – PROPOSED UTILITIES:

SD	UTILITY: STORM DRAIN

No.	DATE	DSN	CHK	APP	REVISION

DESIGNED BY:
DRAWN BY:
CHECKED BY:
APPROVED BY:

PHASE 2

PERTEET
2707 COLBY AVENUE, SUITE 900
EVERETT, WA 98201
425.252.7700 | 800.615.9900

wsp

LINE IS 1" AT FULL SCALE

SOUNDTRANSIT

SUBMITTED BY: | DATE: | REVIEWED BY: | DATE:

SCALE: 1" = 40'
FILENAME:
CONTRACT ID:
DATE: 4/10/2020

I-405 BRT
BURIEN TC TO LYNNWOOD TC
CONCEPTUAL ENGINEERING PLANS

TUKWILA INTERNATIONAL BLVD STATION
COMPOSITE UTILITY PLAN
••

DRAWING No.: B02-UCP102
LOCATION No.:
SHEET No.: 27
REV: 0

04/07/20 | 5:22 PM | DAVID.HARRIS
X:\SOUND TRANSIT\PROJECTS\20170118 - I-405 BRT & OMF\CADD\02 - PLAN SHEETS\I405-B02-UCP100.DWG

ALL EXISTING UTILITY INFORMATION DEPICTED AT QUALITY LEVEL D UNLESS OTHERWISE NOTED.

LEGEND – EXISTING UTILITIES:

COMM CENTURYLINK	UTILITY: COMM – CENTURYLINK
COMM COMCAST	UTILITY: COMM – COMCAST
COMM WSDOT	UTILITY: COMM – WSDOT
COMM ZAYO	UTILITY: COMM – ZAYO
GAS PSE	UTILITY: GAS – PSE
PSE UG POWER	UTILITY: POWER – PSE UNDERGROUND
SCL OH POWER	UTILITY: POWER – SCL OVERHEAD
SCL UG POWER	UTILITY: POWER – SCL UNDERGROUND
SS-VV	UTILITY: SANITARY SEWER – VV
SD-PVT	UTILITY: STORM DRAIN – PRIVATE
SD-SEATAC	UTILITY: STORM DRAIN – SEATAC
SD TUKWILA	UTILITY: STORM DRAIN – TUKWILA
SD-WSDOT	UTILITY: STORM DRAIN – WSDOT
W-KCWD-125	UTILITY: WATER – KING COUNTY WATER DISTRICT 125
W – TUKWILA	UTILITY: WATER – TUKWILA

NOTES:

UTILITY QUALITY LEVEL A: PRECISE HORIZONTAL AND VERTICAL LOCATION OF UTILITIES OBTAINED BY THE ACTUAL EXPOSURE OR VERIFICATION OF PREVIOUSLY EXPOSED AND SURVEYED UTILITIES) AND SUBSEQUENT MEASUREMENT OF SUBSURFACE UTILITIES, USUALLY AT A SPECIFIC POINT. MINIMALLY INTRUSIVE EXCAVATION EQUIPMENT IS TYPICALLY USED TO MINIMIZE THE POTENTIAL FOR UTILITY DAMAGE. A PRECISE HORIZONTAL AND VERTICAL LOCATION, AS WELL AS OTHER UTILITY ATTRIBUTES, IS SHOWN ON PLAN DOCUMENTS. ACCURACY IS TYPICALLY SET TO 15-MM VERTICAL AND TO APPLICABLE HORIZONTAL SURVEY AND MAPPING ACCURACY AS DEFINED OR EXPECTED BY THE PROJECT OWNER.

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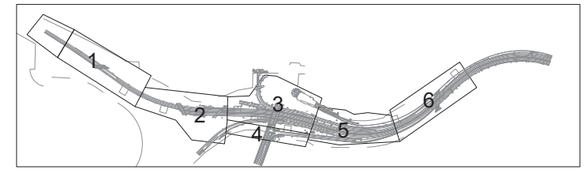
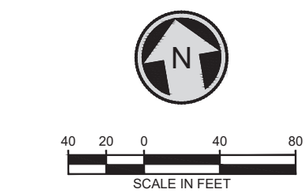
UTILITY QUALITY LEVEL C: INFORMATION OBTAINED BY SURVEYING AND PLOTTING VISIBLE ABOVE-GROUND UTILITY FEATURES AND BY USING PROFESSIONAL JUDGEMENT IN CORRELATING THIS INFORMATION TO QUALITY LEVEL D INFORMATION.

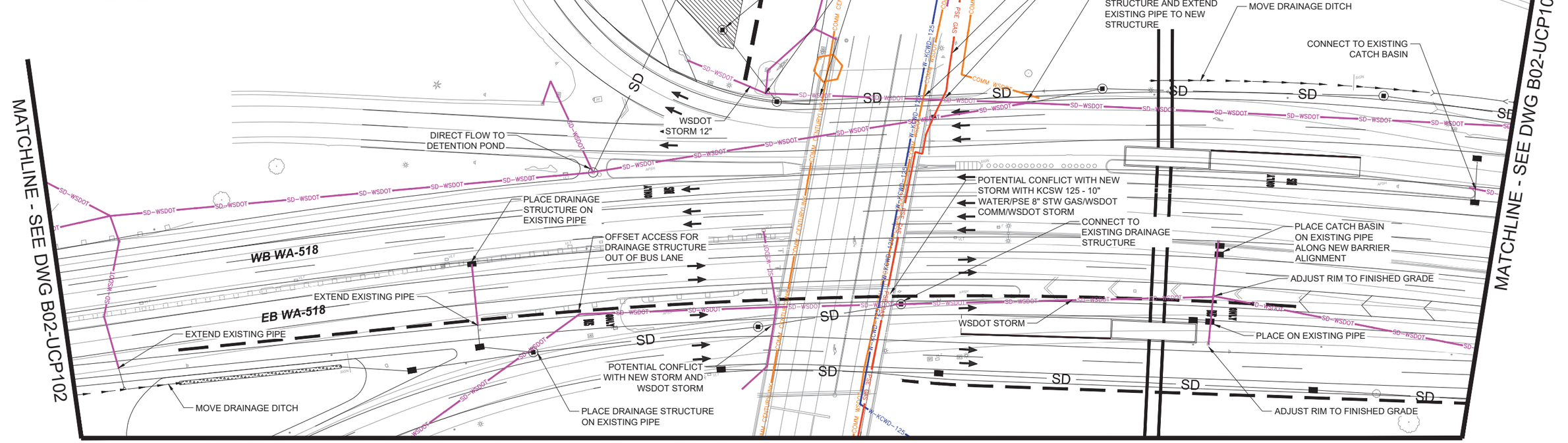
UTILITY QUALITY LEVEL D: INFORMATION DERIVED FROM EXISTING RECORDS OR ORAL RECOLLECTIONS.

LEGEND – PROPOSED UTILITIES:

SD — UTILITY: STORM DRAIN







No.	DATE	DSN	CHK	APP	REVISION

DESIGNED BY:
DRAWN BY:
CHECKED BY:
APPROVED BY:

PHASE 2

PERTEET
2707 COLBY AVENUE, SUITE 900
EVERETT, WA 98201
425.252.7700 | 800.615.9900

wsp

LINE IS 1" AT FULL SCALE

SOUNDTRANSIT

SUBMITTED BY: DATE: REVIEWED BY: DATE:

SCALE: 1" = 40'
FILENAME:
CONTRACT ID:
DATE: 4/10/2020

I-405 BRT
BURIEN TC TO LYNNWOOD TC CONCEPTUAL ENGINEERING PLANS

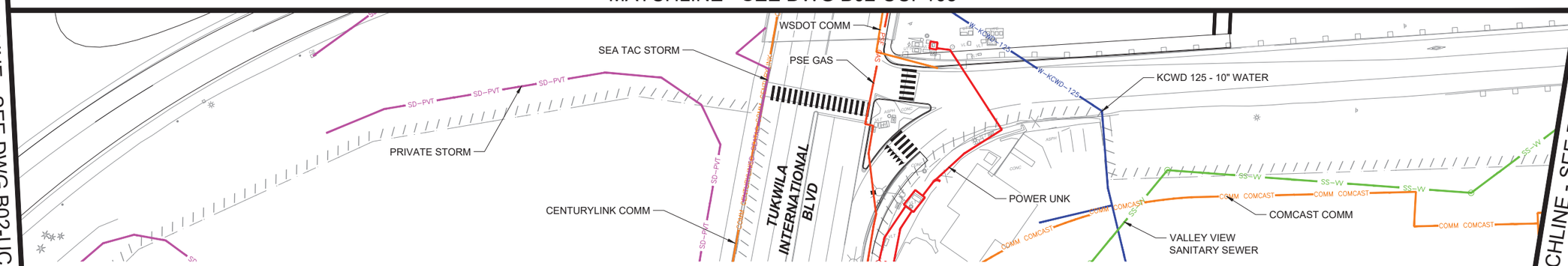
TUKWILA INTERNATIONAL BLVD STATION
COMPOSITE UTILITY PLAN

DRAWING No.: B02-UCP103
LOCATION No.:
SHEET No.: 28
REV: 0

04/07/20 | 5:22 PM | DAVID.HARRIS
X:\SOUND TRANSIT\PROJECTS\20170118 - I-405 BRT & OMF\CADD\02 - PLAN SHEETS\I405-B02-UCP100.DWG

MATCHLINE - SEE DWG B02-UCP103

MATCHLINE - SEE DWG B02-UCP102



MATCHLINE - SEE DWG B02-UCP105

ALL EXISTING UTILITY INFORMATION DEPICTED AT QUALITY LEVEL D UNLESS OTHERWISE NOTED.

NOTES:

UTILITY QUALITY LEVEL A: PRECISE HORIZONTAL AND VERTICAL LOCATION OF UTILITIES OBTAINED BY THE ACTUAL EXPOSURE OR VERIFICATION OF PREVIOUSLY EXPOSED AND SURVEYED UTILITIES) AND SUBSEQUENT MEASUREMENT OF SUBSURFACE UTILITIES, USUALLY AT A SPECIFIC POINT. MINIMALLY INTRUSIVE EXCAVATION EQUIPMENT IS TYPICALLY USED TO MINIMIZE THE POTENTIAL FOR UTILITY DAMAGE. A PRECISE HORIZONTAL AND VERTICAL LOCATION, AS WELL AS OTHER UTILITY ATTRIBUTES, IS SHOWN ON PLAN DOCUMENTS. ACCURACY IS TYPICALLY SET TO 15-MM VERTICAL AND TO APPLICABLE HORIZONTAL SURVEY AND MAPPING ACCURACY AS DEFINED OR EXPECTED BY THE PROJECT OWNER.

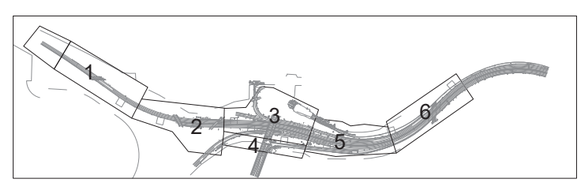
UTILITY QUALITY LEVEL B: INFORMATION OBTAINED THROUGH THE APPLICATION OF APPROPRIATE SURFACE GEOPHYSICAL METHODS TO DETERMINE THE EXISTENCE AND APPROXIMATE HORIZONTAL POSITION OF SUBSURFACE UTILITIES. QUALITY LEVEL B DATA SHOULD BE REPRODUCIBLE BY SURFACE GEOPHYSICS AT ANY POINT OF THE DEPICTION. THIS INFORMATION IS SURVEYED TO APPLICABLE TOLERANCES DEFINED BY THE PROJECT AND REDUCED ONTO PLAN DOCUMENTS.

UTILITY QUALITY LEVEL C: INFORMATION OBTAINED BY SURVEYING AND PLOTTING VISIBLE ABOVE-GROUND UTILITY FEATURES AND BY USING PROFESSIONAL JUDGEMENT IN CORRELATING THIS INFORMATION TO QUALITY LEVEL D INFORMATION.

UTILITY QUALITY LEVEL D: INFORMATION DERIVED FROM EXISTING RECORDS OR ORAL RECOLLECTIONS.

LEGEND – EXISTING UTILITIES:

COMM CENTURYLINK	UTILITY: COMM – CENTURYLINK
COMM COMCAST	UTILITY: COMM – COMCAST
COMM WSDOT	UTILITY: COMM – WSDOT
COMM ZAYO	UTILITY: COMM – ZAYO
GAS PSE	UTILITY: GAS – PSE
PSE UG POWER	UTILITY: POWER – PSE UNDERGROUND
SCL OH POWER	UTILITY: POWER – SCL OVERHEAD
SCL UG POWER	UTILITY: POWER – SCL UNDERGROUND
SS-VV	UTILITY: SANITARY SEWER – VV
SD-PVT	UTILITY: STORM DRAIN – PRIVATE
SD-SEATAC	UTILITY: STORM DRAIN – SEATAC
SD TUKWILA	UTILITY: STORM DRAIN – TUKWILA
SD-WSDOT	UTILITY: STORM DRAIN – WSDOT
W-KCWD-125	UTILITY: WATER – KING COUNTY WATER DISTRICT 125
W – TUKWILA	UTILITY: WATER – TUKWILA



N

40 20 0 40 80

SCALE IN FEET

No.	DATE	DSN	CHK	APP	REVISION

DESIGNED BY:
DRAWN BY:
CHECKED BY:
APPROVED BY:

PHASE 2

PERTEET
2707 COLBY AVENUE, SUITE 900
EVERETT, WA 98201
425.252.7700 | 800.615.9900

wsp

LINE IS 1" AT FULL SCALE

SOUNDTRANSIT

SUBMITTED BY: | DATE: | REVIEWED BY: | DATE:

SCALE: 1" = 40'
FILENAME:
CONTRACT ID:
DATE: 4/10/2020

I-405 BRT
BURIEN TC TO LYNNWOOD TC CONCEPTUAL ENGINEERING PLANS

TUKWILA INTERNATIONAL BLVD STATION
COMPOSITE UTILITY PLAN

DRAWING No.: B02-UCP104
LOCATION No.:
SHEET No.: 29
REV: 0

04/07/20 | 5:23 PM | DAVID.HARRIS
X:\SOUND TRANSIT\PROJECTS\20170118 - I-405 BRT & OMF\CADD\02 - PLAN SHEETS\I405-B02-UCP100.DWG

VALLEY VIEW SANITARY SEWER

COMCAST COMM

TUKWILA STORM

CONNECT TO EXISTING DRAINAGE STRUCTURE

MATCHLINE - SEE DWG B02-UCP103

MATCHLINE - SEE DWG B02-UCP104

MATCHLINE - SEE DWG B02-UCP106

PLACE CATCH BASIN ON EXISTING PIPE ALONG NEW BARRIER ALIGNMENT

WSDOT STORM

WB WA-518

EB WA-518

PLACE CATCH BASIN ON EXISTING PIPE ALONG NEW BARRIER ALIGNMENT

PLACE DRAINAGE STRUCTURE ON EXISTING PIPE

RELOCATE EXISTING DRAINAGE STRUCTURES

ABANDON EXISTING DRAINAGE STRUCTURE

PLACE CATCH BASIN ON EXISTING PIPE ALONG NEW BARRIER ALIGNMENT

ALL EXISTING UTILITY INFORMATION DEPICTED AT QUALITY LEVEL D UNLESS OTHERWISE NOTED.

NOTES:

UTILITY QUALITY LEVEL A: PRECISE HORIZONTAL AND VERTICAL LOCATION OF UTILITIES OBTAINED BY THE ACTUAL EXPOSURE OR VERIFICATION OF PREVIOUSLY EXPOSED AND SURVEYED UTILITIES) AND SUBSEQUENT MEASUREMENT OF SUBSURFACE UTILITIES, USUALLY AT A SPECIFIC POINT. MINIMALLY INTRUSIVE EXCAVATION EQUIPMENT IS TYPICALLY USED TO MINIMIZE THE POTENTIAL FOR UTILITY DAMAGE. A PRECISE HORIZONTAL AND VERTICAL LOCATION, AS WELL AS OTHER UTILITY ATTRIBUTES, IS SHOWN ON PLAN DOCUMENTS. ACCURACY IS TYPICALLY SET TO 15–MM VERTICAL AND TO APPLICABLE HORIZONTAL SURVEY AND MAPPING ACCURACY AS DEFINED OR EXPECTED BY THE PROJECT OWNER.

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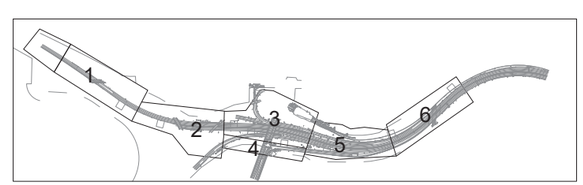
SD–PVT	UTILITY: STORM DRAIN – PRIVATE
SD–SEATAC	UTILITY: STORM DRAIN – SEATAC
SD TUKWILA	UTILITY: STORM DRAIN – TUKWILA
SD–WSDOT	UTILITY: STORM DRAIN – WSDOT
W–KCWD–125	UTILITY: WATER – KING COUNTY WATER DISTRICT 125
W – TUKWILA	UTILITY: WATER – TUKWILA



N

40 20 0 40 80

SCALE IN FEET

No.	DATE	DSN	CHK	APP	REVISION

DESIGNED BY:

DRAWN BY:

CHECKED BY:

APPROVED BY:

PHASE 2

PERTEET
2707 COLBY AVENUE, SUITE 900
EVERETT, WA 98201
425.252.7700 | 800.615.9900

wsp

LINE IS 1" AT FULL SCALE

SOUNDTRANSIT

SUBMITTED BY: DATE: REVIEWED BY: DATE:

SCALE: 1" = 40'

FILENAME:

CONTRACT ID:

DATE: 4/10/2020

I-405 BRT
BURIEN TC TO LYNNWOOD TC CONCEPTUAL ENGINEERING PLANS

TUKWILA INTERNATIONAL BLVD STATION
COMPOSITE UTILITY PLAN

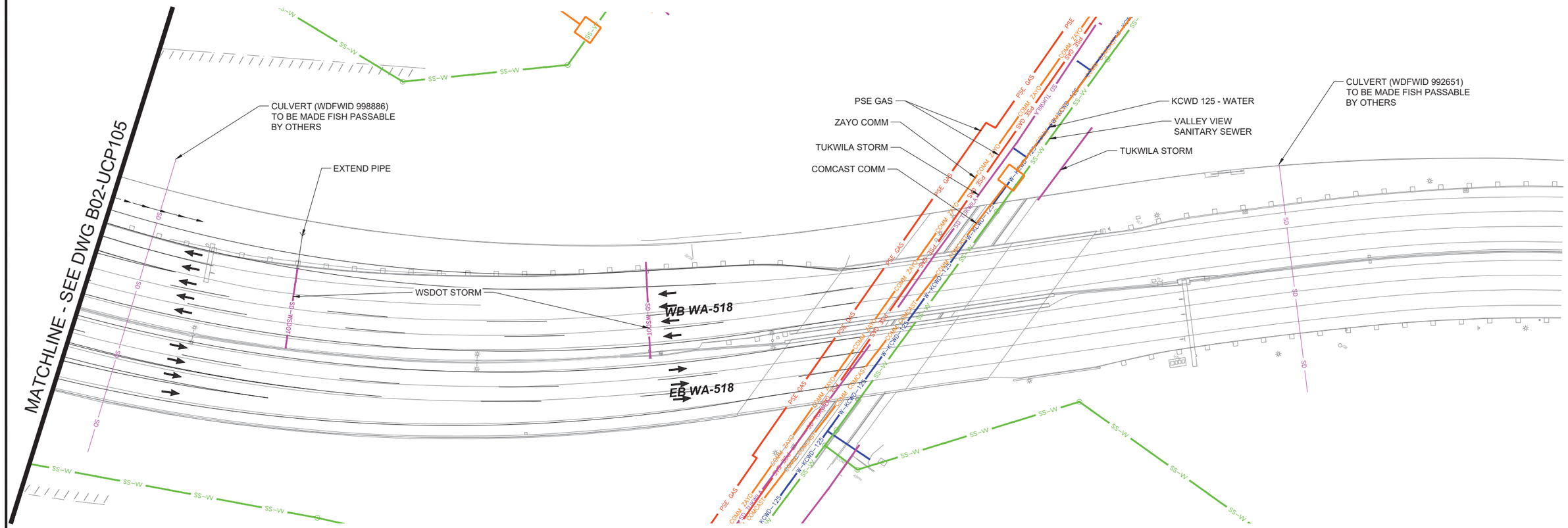
DRAWING No.: B02-UCP105

LOCATION No.:

SHEET No.: 30

REV: 0

04/07/20 | 5:23 PM | DAVID.HARRIS
X:\SOUND TRANSIT\PROJECTS\20170118 - I-405 BRT & OMF\CADD\02 - PLAN SHEETS\I405-B02-UCP100.DWG



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SD TUKWILA	UTILITY: STORM DRAIN – TUKWILA
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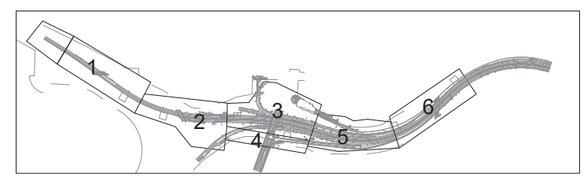


N

40 20 0 40 80
SCALE IN FEET

No.	DATE	DSN	CHK	APP	REVISION

DESIGNED BY:
DRAWN BY:
CHECKED BY:
APPROVED BY:

PHASE 2

PERTEET
2707 COLBY AVENUE, SUITE 900
EVERETT, WA 98201
425.252.7700 | 800.615.9900

wsp

LINE IS 1" AT FULL SCALE

SOUNDTRANSIT

SUBMITTED BY: DATE: REVIEWED BY: DATE:

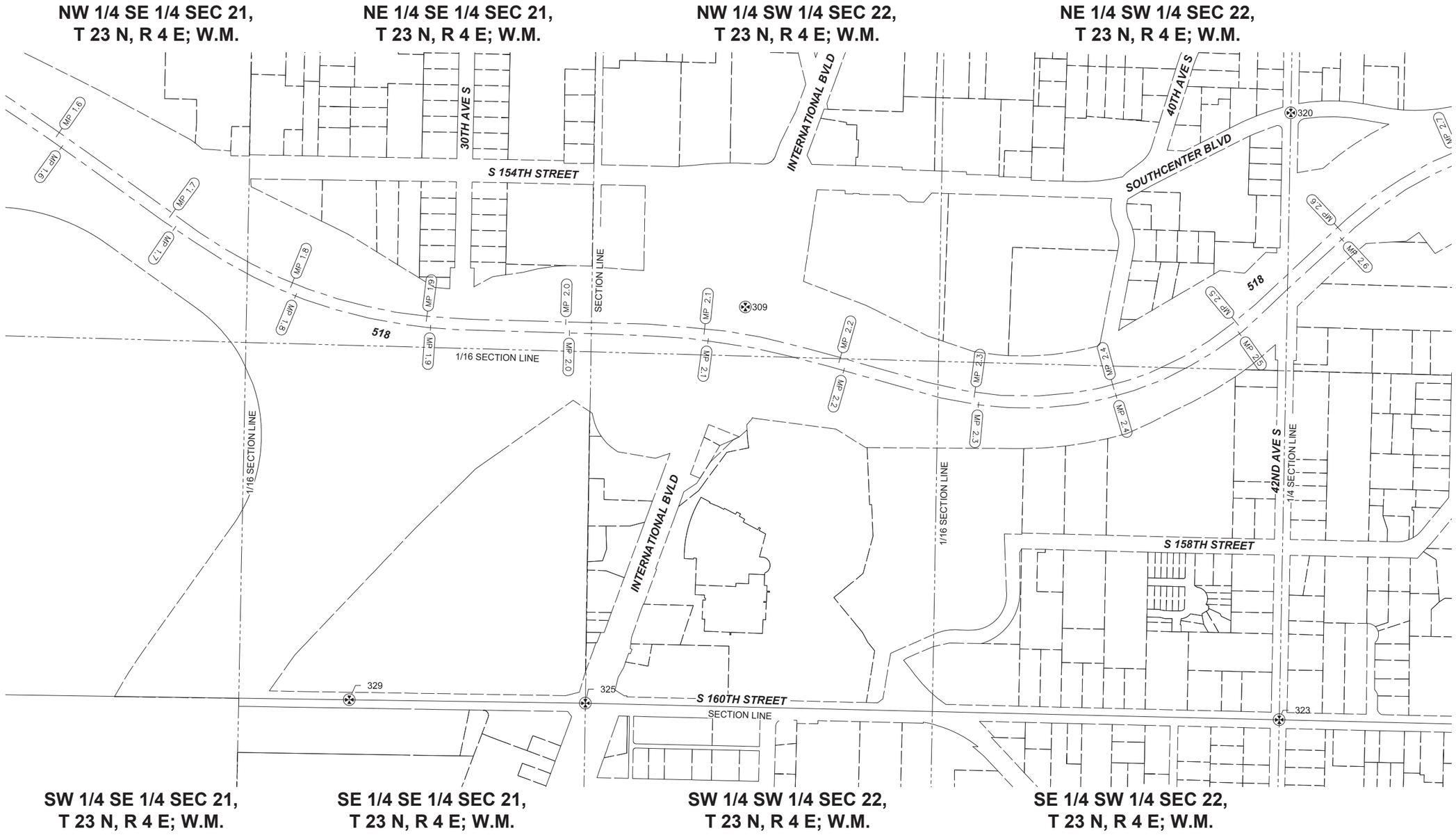
SCALE: 1" = 40'
FILENAME:
CONTRACT ID:
DATE: 4/10/2020

I-405 BRT
BURIEN TC TO LYNNWOOD TC CONCEPTUAL ENGINEERING PLANS
TUKWILA INTERNATIONAL BLVD STATION
COMPOSITE UTILITY PLAN

DRAWING No.: B02-UCP106
LOCATION No.:
SHEET No.: 31
REV: 0

04/07/20 | 5:24 PM | DAVID.HARRIS
X:\SOUND TRANSIT\PROJECTS\20170118 - I-405 BRT & OMF\CADD\02 - PLAN SHEETS\I405-B02-UCP100.DWG

Xrefs:
405_BRT_MP10
xl405RX
405BRT_TB22x34



MONUMENT COORDINATE TABLE

POINT NO.	NORTHING	EASTING	ELEVATION	DESC
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320	173332.25	1282313.96	231.31	MON IN CASE
323	171028.62	1282269.90	419.70	MON IN CASE
325	171091.53	1279634.65	352.65	MON IN CASE
329	171104.68	1278737.93	416.54	MON IN CASE

N

200 100 0 200 400
SCALE IN FEET

No.	DATE	DSN	CHK	APP	REVISION

DESIGNED BY: P. FRANK
DRAWN BY: A. ALIMOVA
CHECKED BY: J. BECKER
APPROVED BY: J. BECKER

PHASE 2

L & A
LIN & ASSOCIATES, INC.
Consulting Engineers

wsp

LINE IS 1" AT FULL SCALE

SOUNDTRANSIT

SUBMITTED BY:
DATE: 03/27/2020
REVIEWED BY:
DATE: 03/27/2020

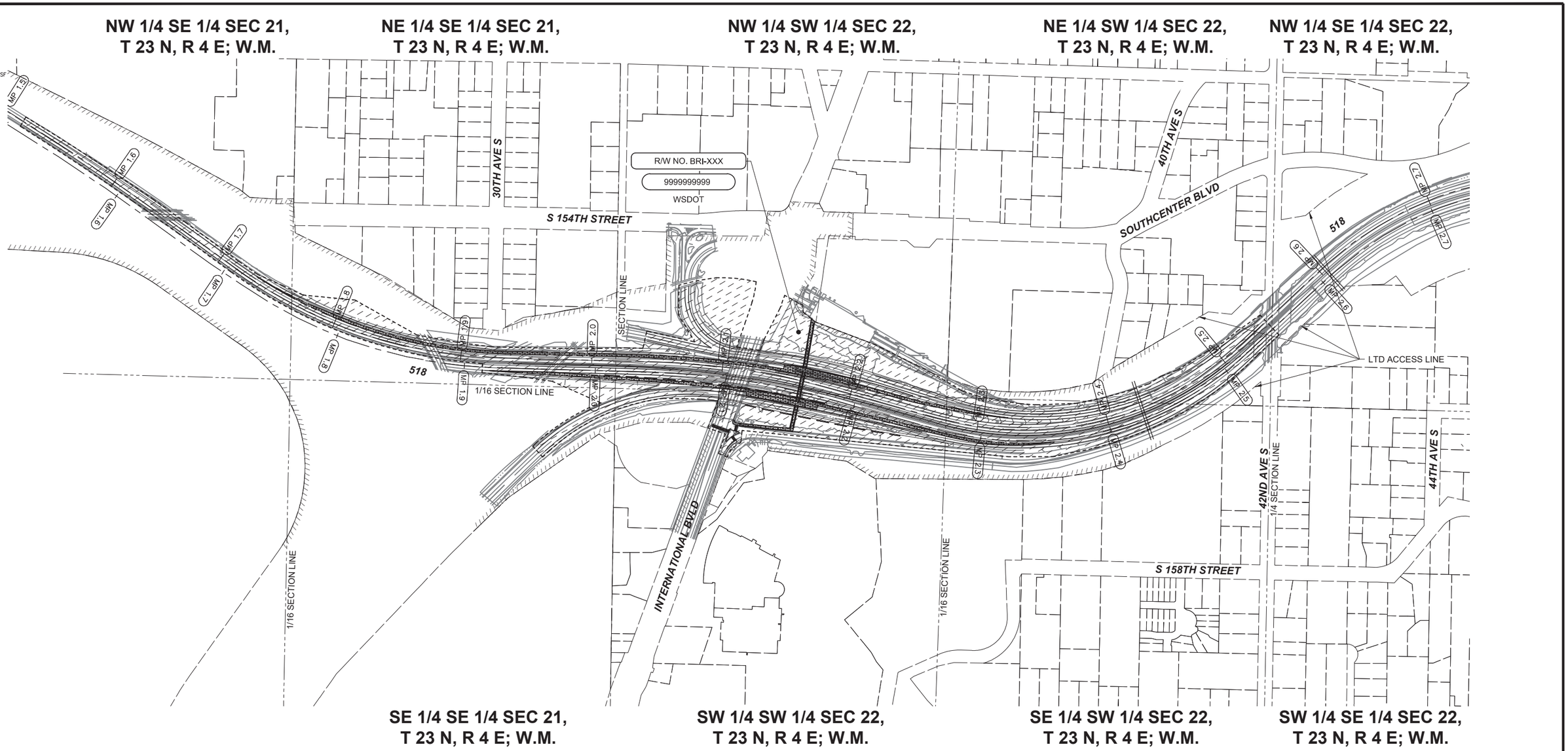
SCALE: 1"=200'
FILENAME: I-405-B02-RMP101
CONTRACT ID:
DATE: 03/27/2020

I-405 BRT
BURIEN TC TO LYNNWOOD TC
CONCEPTUAL ENGINEERING PLANS
TUKWILA INTERNATIONAL BLVD STATION
RIGHT-OF-WAY MONUMENTATION PLAN

DRAWING No.: B02-RMP101
LOCATION No.:
SHEET No.: 32
REV:

04/10/20 | 3:47 PM | LIN114
S:\1924 - ST I-405 BRT\ROWSHEET FILES\I-405-B02-RMP101.DWG

Xrefs:
405_BRT_MP10
xl405RX
405BRT_TB22x34
xl405-B02-CPP100
xl405-B02-RPP100
xl405-B10-CEP001
I-405_BRT_South_Center_V_SF



LEGEND

- MP XX — WSDOT MILE POST
- WSDOT LIMITED ACCESS
- PROPERTY LINE
- FEE TAKE
- TEMPORARY CONSTRUCTION EASEMENT
- WSDOT ASL

N

200 100 0 200 400
SCALE IN FEET

SOUND TRANSIT R/W NO.	PARCEL NO. (TAX ACCOUNT NO.)	OWNERS	PARCEL AREA SQ. FT.	FEE TAKE SQ. FT.	REMAINDER SQ. FT.	GUIDEWAY/ PERMANENT ESMT SQ. FT.	TEMPORARY CONSTRUCTION ESMT SQ. FT.	KING CO. RECORDING NO.
1 BRI-XXX	9999999999	WSDOT				72,172	977,742	

No.	DATE	DSN	CHK	APP	REVISION

DESIGNED BY: P. FRANK
DRAWN BY: A. ALIMOVA
CHECKED BY: J. BECKER
APPROVED BY: J. BECKER

PHASE 2

LIN & ASSOCIATES, INC. Consulting Engineers
SUBMITTED BY:
DATE: 03/27/2020

wsp
REVIEWED BY:

LINE IS 1" AT FULL SCALE

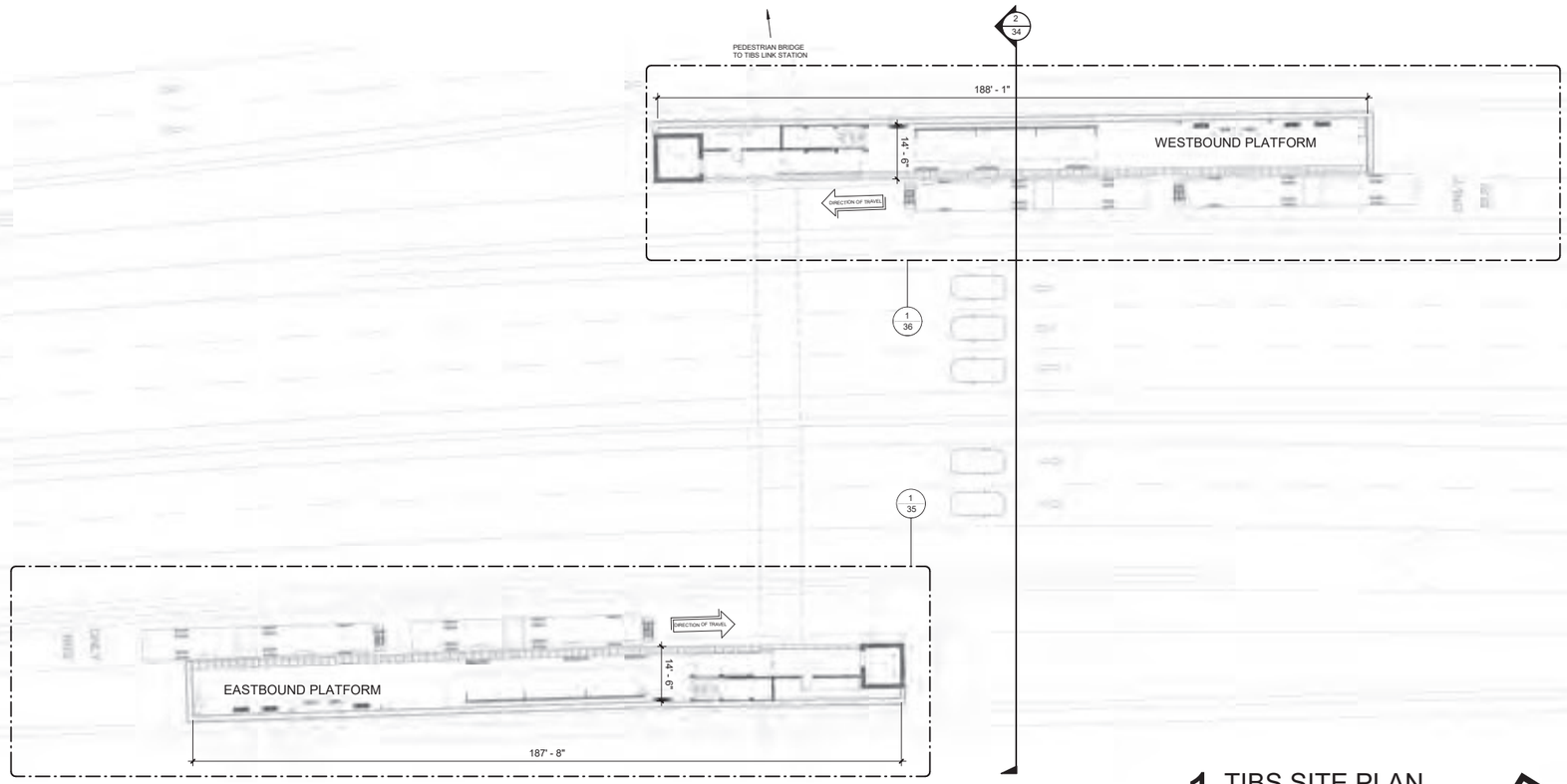
SOUNDTRANSIT
DATE: 03/27/2020

SCALE: 1"=200'
FILENAME: I-405-B02-RPP101
CONTRACT ID:
DATE: 03/27/2020

I-405 BRT
BURIEN TC TO LYNNWOOD TC
CONCEPTUAL ENGINEERING PLANS
TUKWILLA INTERNATIONAL BLVD STATION
RIGHT-OF-WAY PLAN

DRAWING No.: B02-RPP101
LOCATION No.:
SHEET No.: 33
REV:

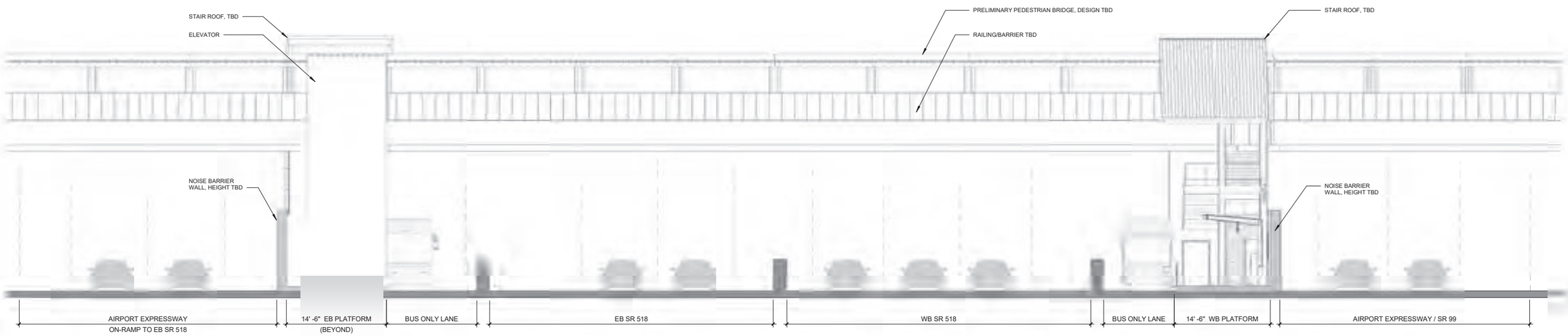
03/27/20 | 11:58 AM | LIN94
S:\1924 - ST I-405 BRT\ROW\SHEET FILES\ARCHIVE\20200327 IDR REVISIONS\I-405-B02-RPP101.DWG



GENERAL NOTE:
A. SHELTER AND AMENITIES AT EACH STATION ARE BASED ON A PROTOTYPICAL LAYOUT AND MAY VARY AS THE PROJECT DEVLOPS.

1 TIBS SITE PLAN
1" = 20'-0"

N



2 TIBS SECTION DIAGRAM
1/8" = 1'-0"

No.	DATE	DSN	CHK	APP	REVISION
1	-				-

DESIGNED BY: --
DRAWN BY: BW/CD/JSP
CHECKED BY: KGT
APPROVED BY:

PHASE 2

wsp

PIVOT

LINE IS 1" AT FULL SCALE

SOUNDTRANSIT

SUBMITTED BY: | DATE: | REVIEWED BY: | DATE:

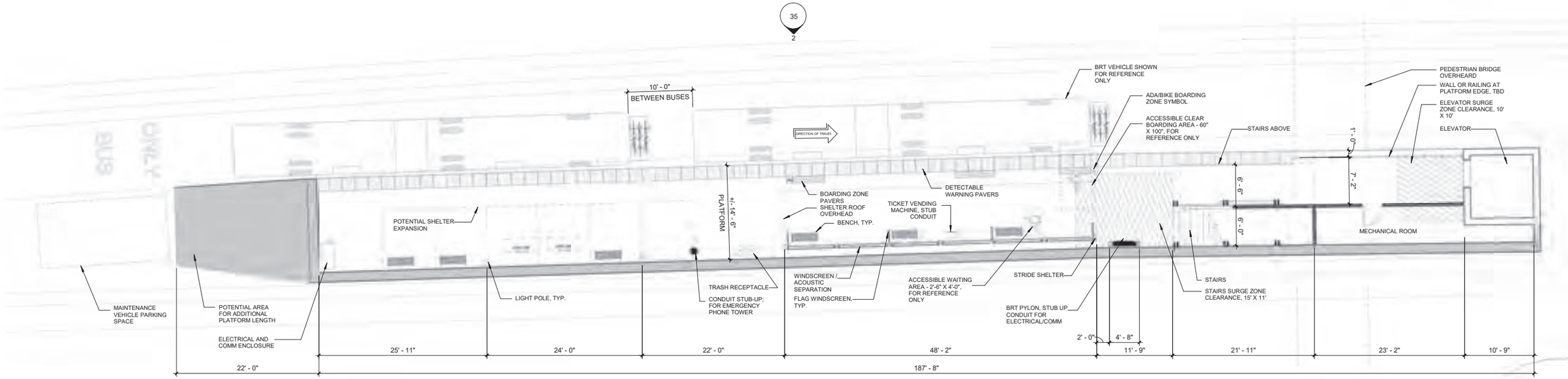
SCALE: AS NOTED
FILENAME:
CONTRACT ID:
DATE: 04/10/2020

I-405 BRT
BURIEN TC TO LYNNWOOD TC
CONCEPTUAL ENGINEERING PLANS

TUKWILA INTERNATIONAL BLVD STATION
PLATFORM PLANS

DRAWING No.: B02-ASP101
LOCATION No.:
SHEET No.: 34
REV:

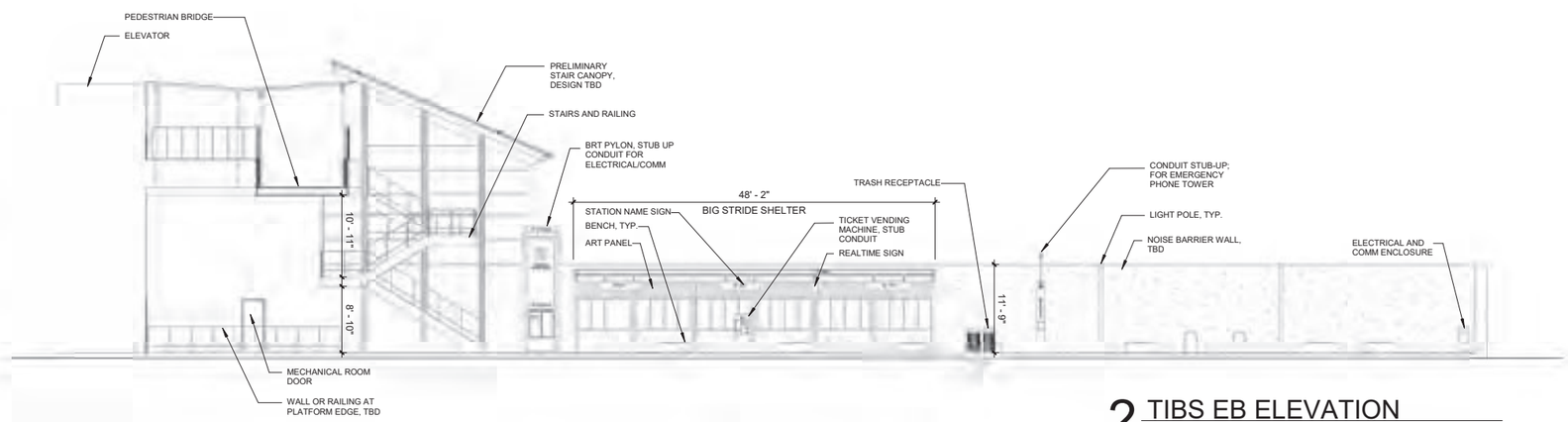
GENERAL NOTE:
A. SHELTER AND AMENITIES AT EACH STATION ARE BASED ON A PROTOTYPICAL LAYOUT AND MAY VARY AS THE PROJECT DEVLOPS.



1 TIBS EB PLATFORM PLAN
1/8" = 1'-0"

N

4 TIBS EB PLATFORM



2 TIBS EB ELEVATION
1" = 10'-0"

No.	DATE	DSN	CHK	APP	REVISION
1	-				-

DESIGNED BY: --
DRAWN BY: BW/CD/JSP
CHECKED BY: KGT
APPROVED BY:

PHASE 2

wsp

PIVOT

LINE IS 1" AT FULL SCALE

SOUNDTRANSIT

SUBMITTED BY: | DATE: | REVIEWED BY: | DATE:

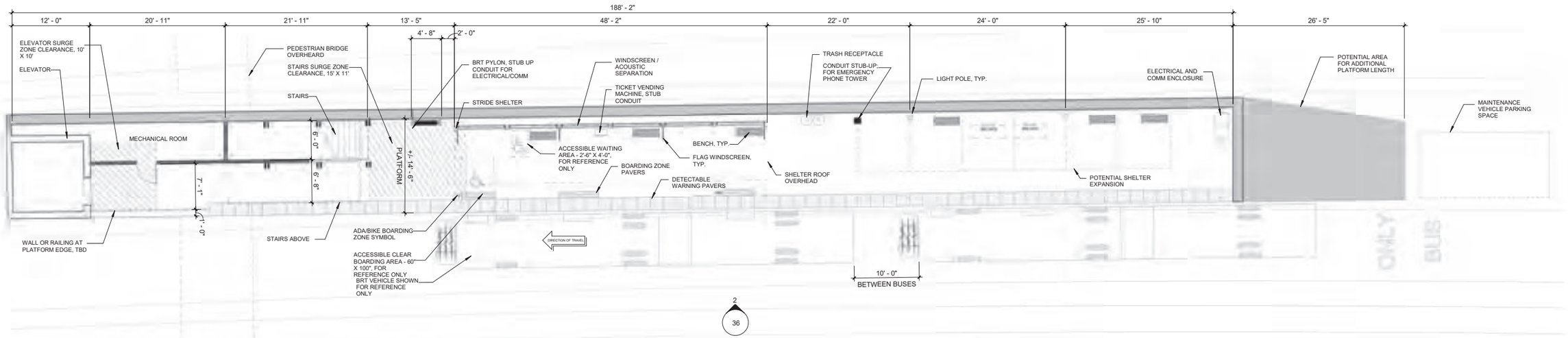
SCALE: AS NOTED
FILENAME:
CONTRACT ID:
DATE: 04/10/2020

I-405 BRT
BURIEN TC TO LYNNWOOD TC CONCEPTUAL ENGINEERING PLANS
TUKWILA INTERNATIONAL BLVD STATION PLATFORM PLANS

DRAWING No.: B02-ASP102
LOCATION No.:
SHEET No.: 35
REV:

PRINTED ON: 4/10/2020 9:11:24 AM FROM FILE: C:\Pivot_Architecture\Revit_20181813_I405 Typical Platforms_R18_bwardle.rvt

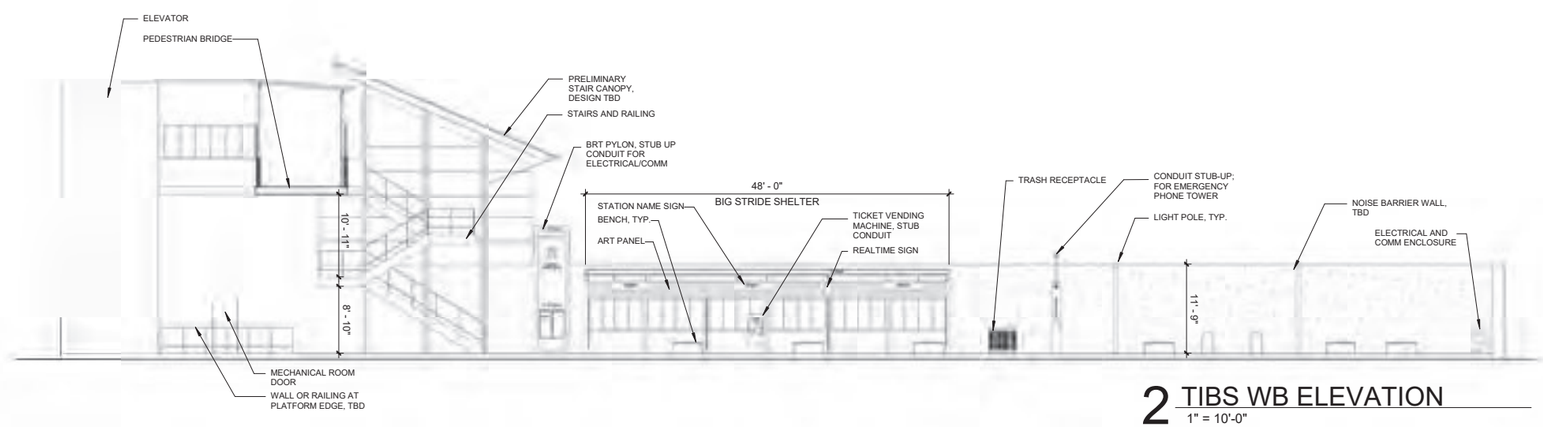
GENERAL NOTE:
A. SHELTER AND AMENITIES AT EACH STATION ARE BASED ON A PROTOTYPICAL LAYOUT AND MAY VARY AS THE PROJECT DEVLOPS.



1 TIBS WB PLATFORM PLAN

1/8" = 1'-0"

3 TIBS WB PLATFORM



2 TIBS WB ELEVATION

1" = 10'-0"

No.	DATE	DSN	CHK	APP	REVISION
1	-				-

DESIGNED BY: --
DRAWN BY: BW/CD/JSP
CHECKED BY: KGT
APPROVED BY:

PHASE 2

wsp

PIVOT

LINE IS 1" AT FULL SCALE

SOUNDTRANSIT

SUBMITTED BY: | DATE: | REVIEWED BY: | DATE:

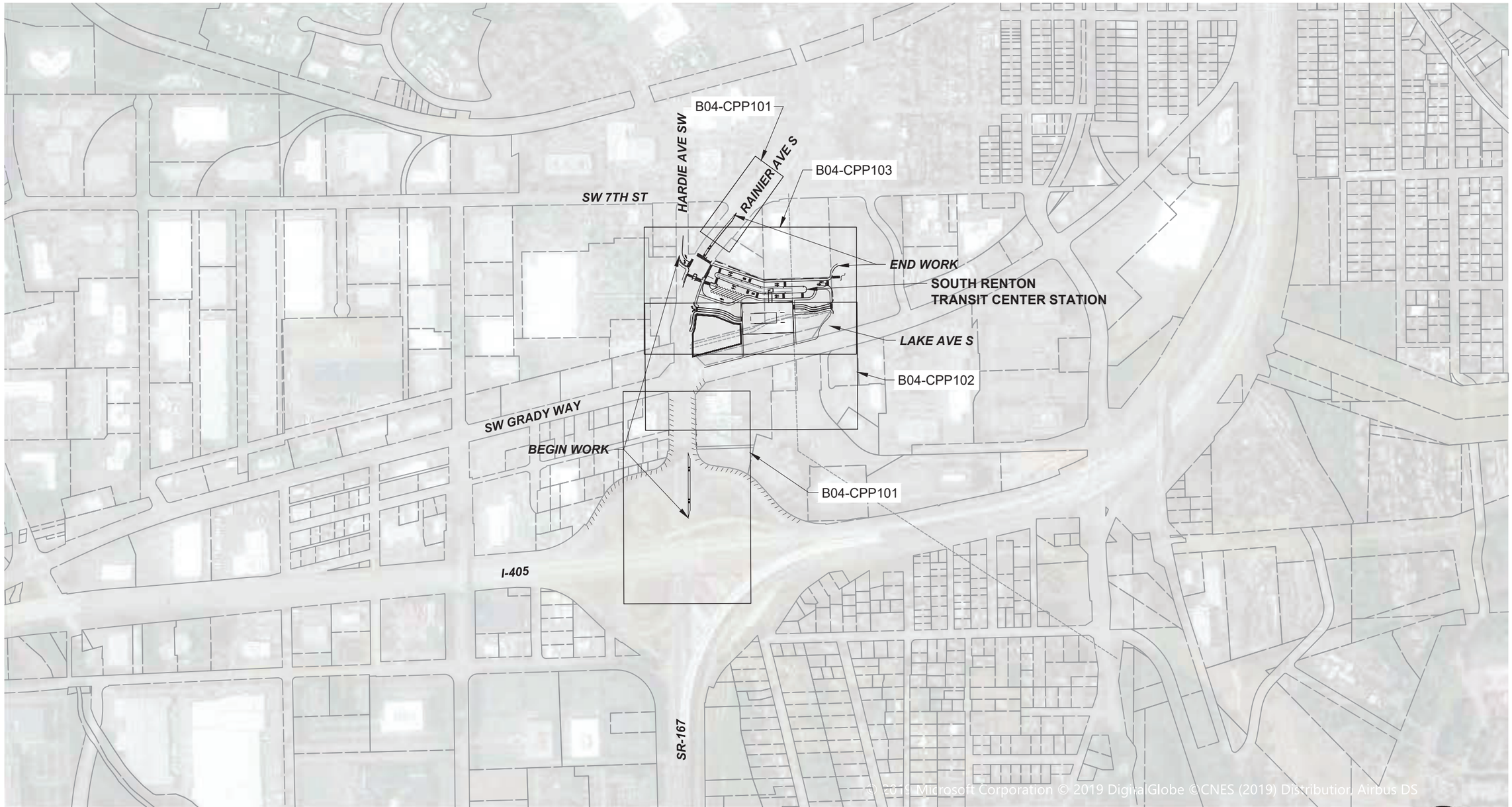
SCALE: AS NOTED
FILENAME:
CONTRACT ID:
DATE: 04/10/2020

I-405 BRT
BURIEN TC TO LYNNWOOD TC
CONCEPTUAL ENGINEERING PLANS

TUKWILA INTERNATIONAL BLVD STATION
PLATFORM PLANS

DRAWING No.: B02-ASP103
LOCATION No.:
SHEET No.: 36
REV:

PRINTED ON: 4/10/2020 9:13:34 AM FROM FILE: C:\Pivot_Architecture\Revit_2018\1813_I405 Typical Platforms_R18_bwardle.rvt



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300 150 0 300 600
SCALE IN FEET

No.	DATE	DSN	CHK	APP	REVISION

DESIGNED BY:
DRAWN BY:
CHECKED BY:
APPROVED BY:

PHASE 2

wsp

SUBMITTED BY: DATE: REVIEWED BY: DATE:

LINE IS 1" AT FULL SCALE

SOUNDTRANSIT

SCALE: 1" = 300'
FILENAME: I405-B04-GZK100
CONTRACT ID:
DATE: 4/10/2020

I-405 BRT
BURIEN TC TO LYNNWOOD TC CONCEPTUAL ENGINEERING PLANS

SOUTH RENTON TRANSIT CENTER
KEY MAP / SUMMARY OF IMPROVEMENTS

DRAWING No.: B04-GZK100
LOCATION No.:
SHEET No.: 37
REV: 0

04/10/20 | 9:23 AM | USCS678695
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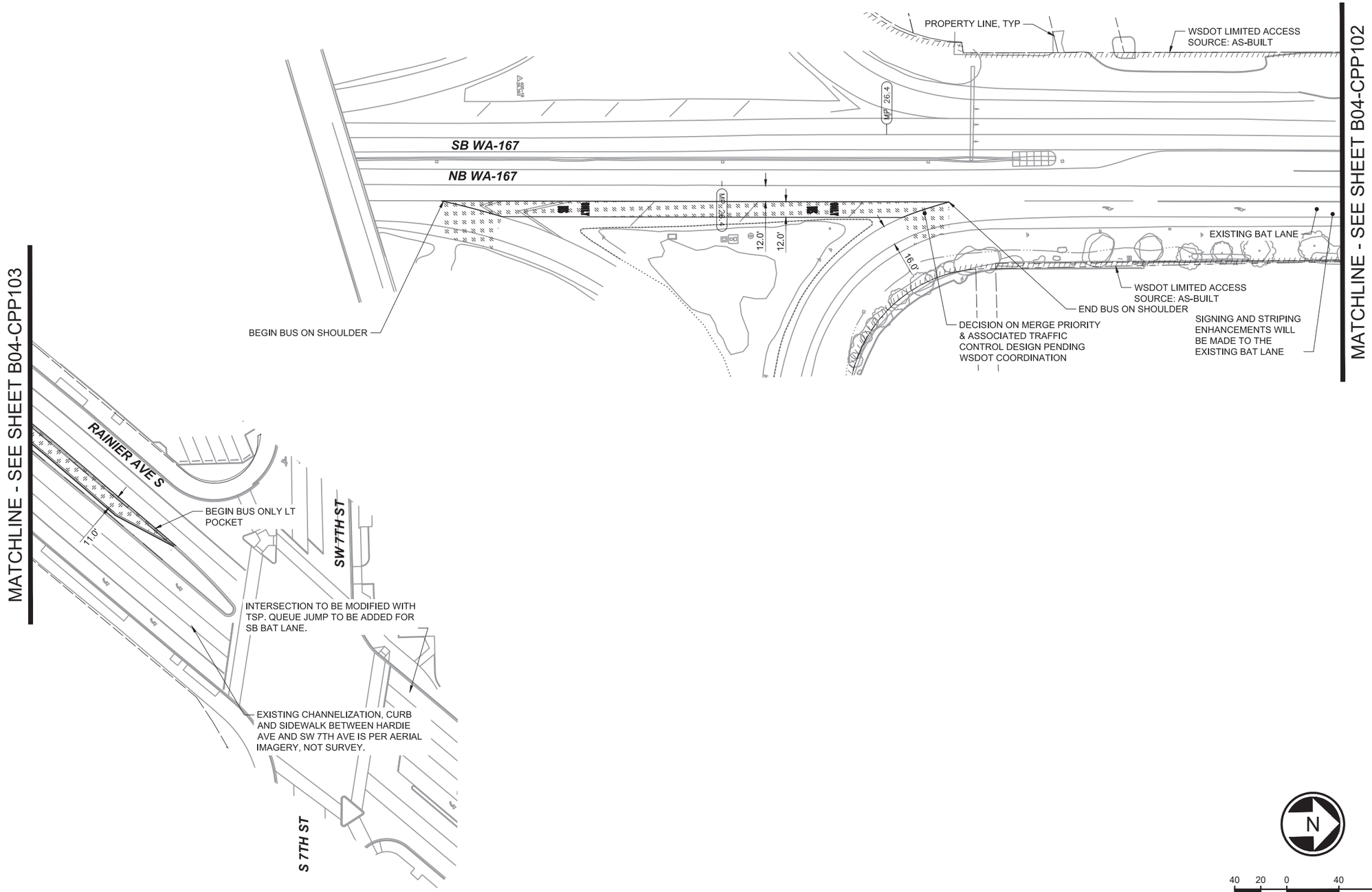

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No.	DATE	DSN	CHK	APP	REVISION

DESIGNED BY:
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CHECKED BY:
APPROVED BY:

PHASE 2

wsp

SUBMITTED BY: | DATE: | REVIEWED BY: | DATE:

LINE IS 1" AT FULL SCALE

SOUNDTRANSIT

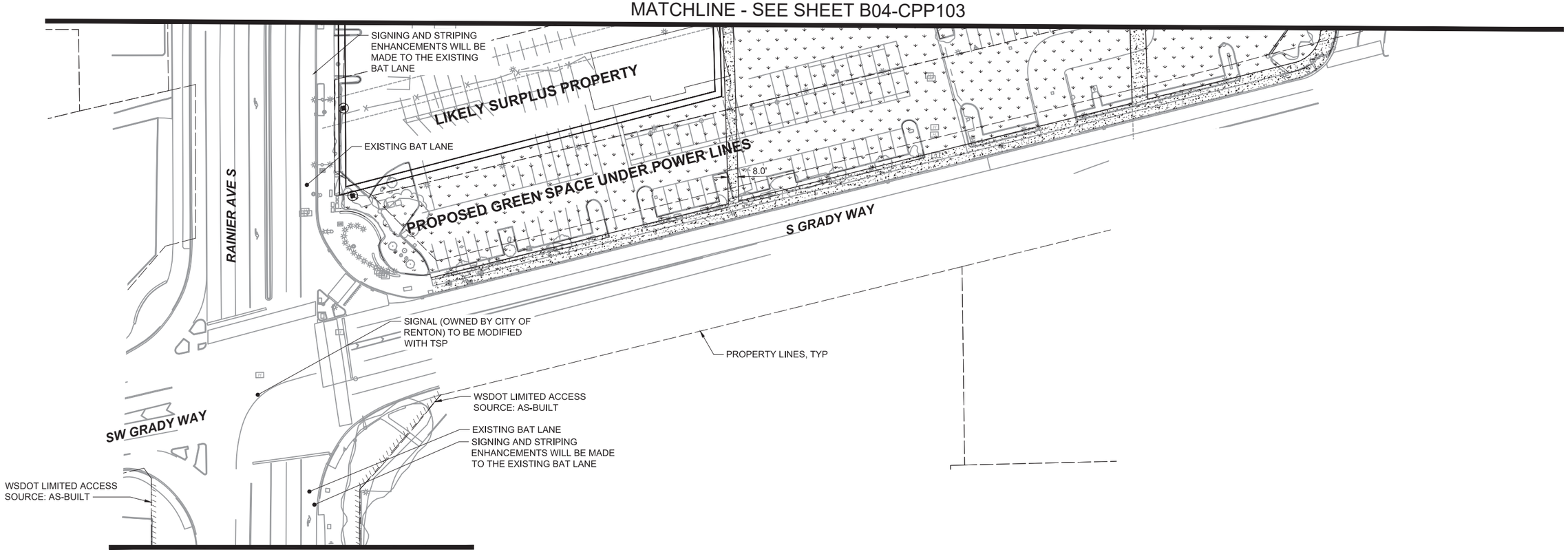
SCALE: 1" = 40'
FILENAME: I405-B04-CPP100
CONTRACT ID:
DATE: 4/10/2020

I-405 BRT
BURIEN TC TO LYNNWOOD TC
CONCEPTUAL ENGINEERING PLANS

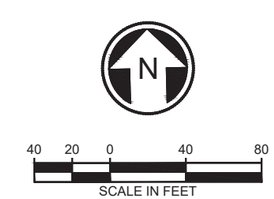
SOUTH RENTON TRANSIT CENTER
CIVIL PLANS

DRAWING No.: B04-CPP101
LOCATION No.:
SHEET No.: 38
REV: 0

MATCHLINE - SEE SHEET B04-CPP103



MATCHLINE - SEE SHEET B04-CPP101



No.	DATE	DSN	CHK	APP	REVISION

DESIGNED BY:
DRAWN BY:
CHECKED BY:
APPROVED BY:

PHASE 2

wsp

SUBMITTED BY: | DATE: | REVIEWED BY: | DATE:

LINE IS 1" AT FULL SCALE

SOUNDTRANSIT

SCALE: 1" = 40'
FILENAME: I405-B04-CPP100
CONTRACT ID:
DATE: 4/10/2020

I-405 BRT
BURIEN TC TO LYNNWOOD TC CONCEPTUAL ENGINEERING PLANS

SOUTH RENTON TRANSIT CENTER
CIVIL PLANS

DRAWING No.: B04-CPP102
LOCATION No.:
SHEET No.: 39
REV: 0

04/10/20 | 9:25 AM | USCS678695
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MATCHLINE - SEE SHEET B04-CPP101

HARDIE AVE SW

RAINIER AVE S

BUSES CAN TRAVEL THROUGH INTERSECTION

PLANTER, TYP
5' UNLESS OTHERWISE NOTED

NEW HARDIE AVE SIGNALIZED INTERSECTION WITH TSP. EXISTING TRUCK TURNING MOVEMENTS ARE ACCOMMODATED IN NEW LAYOUT

EXISTING LANE CONFIGURATION (SOUTH OF HARDIE) TO REMAIN

FILTERRA

SIGNING AND STRIPING ENHANCEMENTS WILL BE MADE TO THE EXISTING BAT LANE

EXISTING BAT LANE

END BUS ONLY LT POCKET

CROSSWALK, TYP

SIDEWALK, TYP
12' UNLESS OTHERWISE NOTED

EXISTING CHANNELIZATION, CURB AND SIDEWALK BETWEEN HARDIE AVE AND SW 7TH AVE IS PER AERIAL IMAGERY, NOT SURVEY.

PROPERTY LINE, TYP

NEW TC ISLAND WITH 9" CURB HEIGHT & STRIDE PLATFORMS. SEE DRAWING B04-ASP101

EXISTING UTILITY EASEMENT LINE

FILL WALL. ELEVATION VARIES, MAX 5'

PROP STAIR & ELEVATOR

NEW CURB RAMPS AT ALL CROSSWALK LOCATIONS, TYP

PROP TC SHELTER OUTSIDE POWER LINE EASEMENT, PENDING UTILITY COORDIATION

SW 7TH

ONLY

BUS

10 LAYOVER BAYS

O&M PARKING

CABS

EXISTING POWER POLES

DROP OFF & TNC

PROP PED BRIDGE FROM 3RD FLOOR OF GARAGE

700 STALL GARAGE
(5 FLOORS, 1st SHOWN)

LIKELY SURPLUS PROPERTY

PROPOSED GREEN SPACE UNDER POWER LINES

LAKE AVE S

SOUTH RENTON PARK & RIDE

MATCHLINE - SEE SHEET B04-CPP102

N

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SCALE IN FEET

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No.	DATE	DSN	CHK	APP	REVISION

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CHECKED BY:
APPROVED BY:

PHASE 2

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SUBMITTED BY: DATE: REVIEWED BY: DATE:

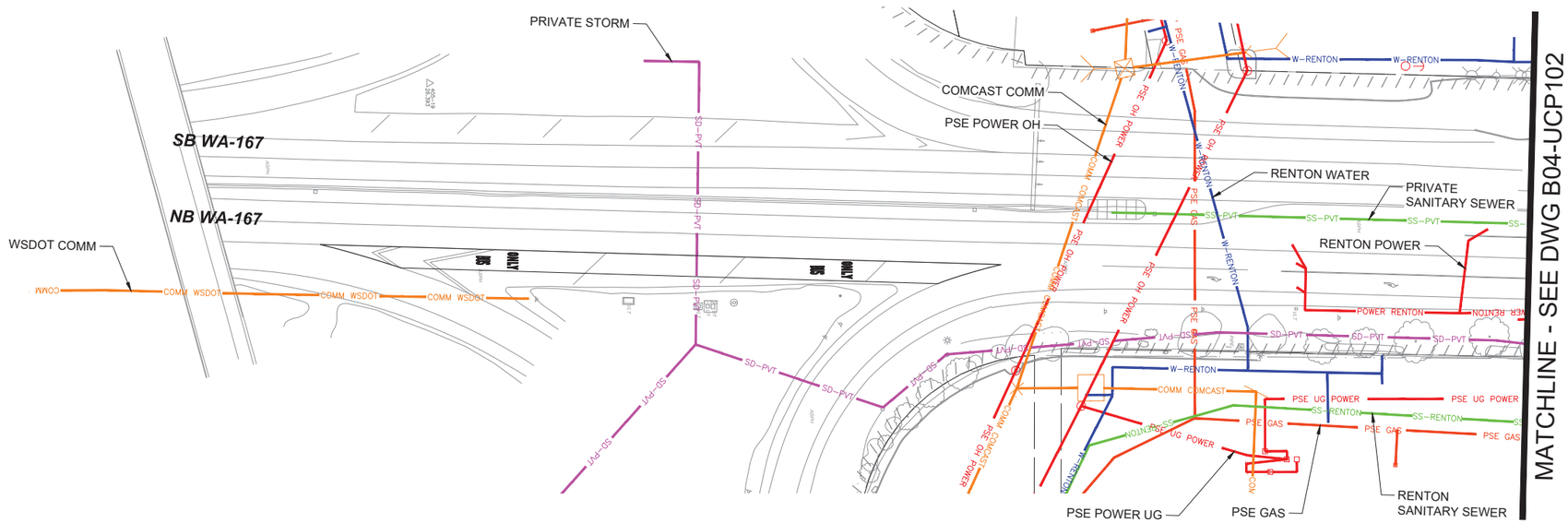
LINE IS 1" AT FULL SCALE

SOUNDTRANSIT

SCALE: 1" = 40'
FILENAME: I405-B04-CPP100
CONTRACT ID:
DATE: 4/10/2020

I-405 BRT
BURIEN TC TO LYNNWOOD TC CONCEPTUAL ENGINEERING PLANS
SOUTH RENTON TRANSIT CENTER
CIVIL PLANS

DRAWING No.: B04-CPP103
LOCATION No.:
SHEET No.: 40
REV: 0



ALL EXISTING UTILITY INFORMATION DEPICTED AT QUALITY LEVEL D UNLESS OTHERWISE NOTED.

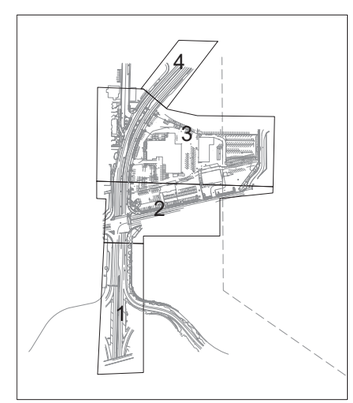
NOTES:

UTILITY QUALITY LEVEL A: PRECISE HORIZONTAL AND VERTICAL LOCATION OF UTILITIES OBTAINED BY THE ACTUAL EXPOSURE OR VERIFICATION OF PREVIOUSLY EXPOSED AND SURVEYED UTILITIES) AND SUBSEQUENT MEASUREMENT OF SUBSURFACE UTILITIES, USUALLY AT A SPECIFIC POINT. MINIMALLY INTRUSIVE EXCAVATION EQUIPMENT IS TYPICALLY USED TO MINIMIZE THE POTENTIAL FOR UTILITY DAMAGE. A PRECISE HORIZONTAL AND VERTICAL LOCATION, AS WELL AS OTHER UTILITY ATTRIBUTES, IS SHOWN ON PLAN DOCUMENTS. ACCURACY IS TYPICALLY SET TO 15–MM VERTICAL AND TO APPLICABLE HORIZONTAL SURVEY AND MAPPING ACCURACY AS DEFINED OR EXPECTED BY THE PROJECT OWNER.

UTILITY QUALITY LEVEL B: INFORMATION OBTAINED THROUGH THE APPLICATION OF APPROPRIATE SURFACE GEOPHYSICAL METHODS TO DETERMINE THE EXISTENCE AND APPROXIMATE HORIZONTAL POSITION OF SUBSURFACE UTILITIES. QUALITY LEVEL B DATA SHOULD BE REPRODUCIBLE BY SURFACE GEOPHYSICS AT ANY POINT OF THE DEPICTION. THIS INFORMATION IS SURVEYED TO APPLICABLE TOLERANCES DEFINED BY THE PROJECT AND REDUCED ONTO PLAN DOCUMENTS.

UTILITY QUALITY LEVEL C: INFORMATION OBTAINED BY SURVEYING AND PLOTTING VISIBLE ABOVE–GROUND UTILITY FEATURES AND BY USING PROFESSIONAL JUDGEMENT IN CORRELATING THIS INFORMATION TO QUALITY LEVEL D INFORMATION.

UTILITY QUALITY LEVEL D: INFORMATION DERIVED FROM EXISTING RECORDS OR ORAL RECOLLECTIONS.



LEGEND – EXISTING UTILITIES:

COMM CENTURYLINK	UTILITY: COMM – CENTURYLINK
COMM COMCAST	UTILITY: COMM – COMCAST
COMM WSDOT	UTILITY: COMM – WSDOT
COMM ZAYO	UTILITY: COMM – ZAYO
GAS OLYMPIC PL	UTILITY: GAS – OLYMPIC PIPELINE
GAS PSE	UTILITY: GAS – PSE
PSE OH POWER	UTILITY: POWER – PSE OVERHEAD
PSE UG POWER	UTILITY: POWER – PSE UNDERGROUND
POWER RENTON	UTILITY: POWER – CITY OF RENTON
OH POWER SCL	UTILITY: POWER – SCL OVERHEAD
SS–RENTON	UTILITY: SANITARY SEWER – CITY OF RENTON
SS–KCWW	UTILITY: SANITARY SEWER – KCWW
SS–PVT	UTILITY: SANITARY SEWER – PRIVATE
SD–RENTON	UTILITY: STORM DRAIN – CITY OF RENTON
SD–PVT	UTILITY: STORM DRAIN – PRIVATE
W–RENTON	UTILITY: WATER – CITY OF RENTON

N

40 20 0 40 80

SCALE IN FEET

04/07/20 | 5:27 PM | DAVID.HARRIS
X:\SOUND TRANSIT\PROJECTS\20170118 - I-405 BRT & OMF\CADD\02 - PLAN SHEETS\I405-B04-UCP100.DWG

No.	DATE	DSN	CHK	APP	REVISION

DESIGNED BY:
DRAWN BY:
CHECKED BY:
APPROVED BY:

PHASE 2

PERTEET
2707 COLBY AVENUE, SUITE 900
EVERETT, WA 98201
425.252.7700 | 800.615.9900

wsp

LINE IS 1" AT FULL SCALE

SOUNDTRANSIT

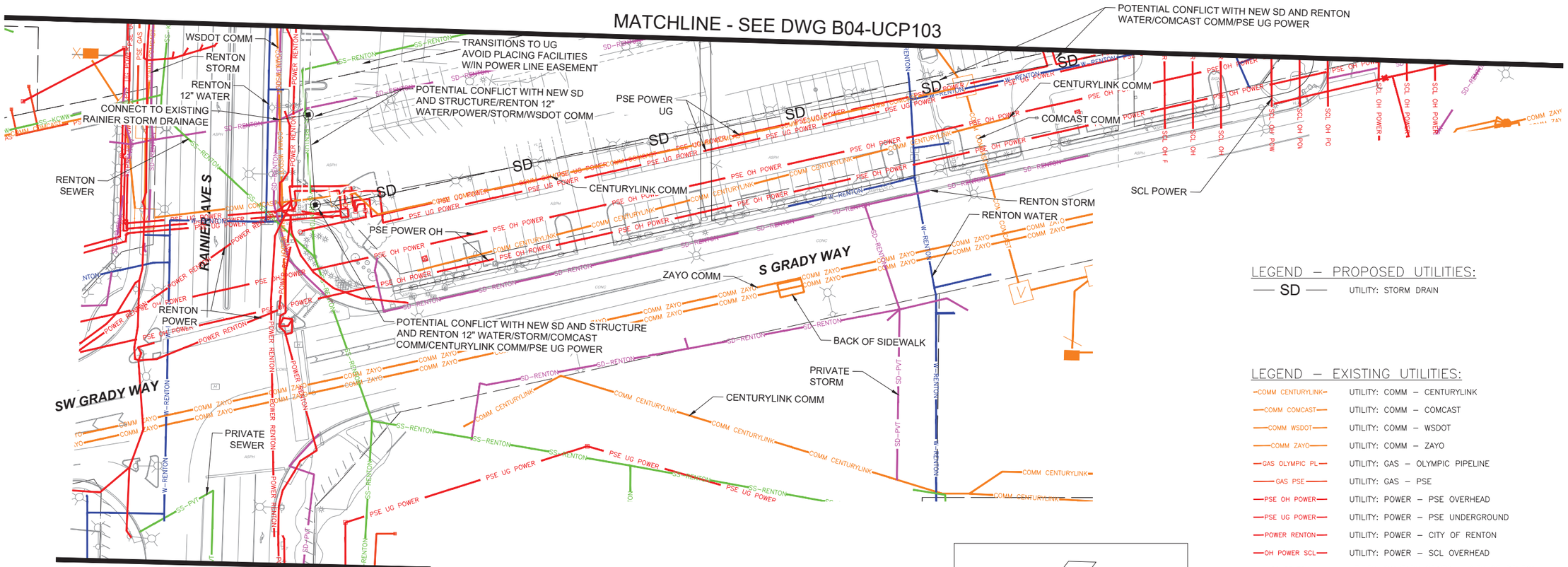
SUBMITTED BY: DATE: REVIEWED BY: DATE:

SCALE: 1" = 40'
FILENAME:
CONTRACT ID:
DATE: 4/10/2020

I-405 BRT
BURIEN TC TO LYNNWOOD TC CONCEPTUAL ENGINEERING PLANS

SOUTH RENTON TRANSIT CENTER
COMPOSITE UTILITY PLAN

DRAWING No.: B04-UCP101
LOCATION No.:
SHEET No.: 41
REV: 0



ALL EXISTING UTILITY INFORMATION DEPICTED AT QUALITY LEVEL D UNLESS OTHERWISE NOTED.

NOTES:

UTILITY QUALITY LEVEL A: PRECISE HORIZONTAL AND VERTICAL LOCATION OF UTILITIES OBTAINED BY THE ACTUAL EXPOSURE OR VERIFICATION OF PREVIOUSLY EXPOSED AND SURVEYED UTILITIES) AND SUBSEQUENT MEASUREMENT OF SUBSURFACE UTILITIES, USUALLY AT A SPECIFIC POINT. MINIMALLY INTRUSIVE EXCAVATION EQUIPMENT IS TYPICALLY USED TO MINIMIZE THE POTENTIAL FOR UTILITY DAMAGE. A PRECISE HORIZONTAL AND VERTICAL LOCATION, AS WELL AS OTHER UTILITY ATTRIBUTES, IS SHOWN ON PLAN DOCUMENTS. ACCURACY IS TYPICALLY SET TO 15–MM VERTICAL AND TO APPLICABLE HORIZONTAL SURVEY AND MAPPING ACCURACY AS DEFINED OR EXPECTED BY THE PROJECT OWNER.

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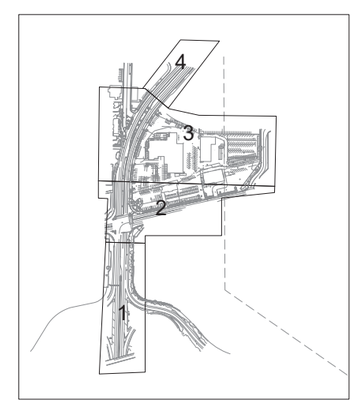
UTILITY QUALITY LEVEL D: INFORMATION DERIVED FROM EXISTING RECORDS OR ORAL RECOLLECTIONS.



LEGEND – PROPOSED UTILITIES:

SD	UTILITY: STORM DRAIN

LEGEND – EXISTING UTILITIES:

COMM CENTURYLINK	UTILITY: COMM – CENTURYLINK
COMM COMCAST	UTILITY: COMM – COMCAST
COMM WSDOT	UTILITY: COMM – WSDOT
COMM ZAYO	UTILITY: COMM – ZAYO
GAS OLYMPIC PL	UTILITY: GAS – OLYMPIC PIPELINE
GAS PSE	UTILITY: GAS – PSE
PSE OH POWER	UTILITY: POWER – PSE OVERHEAD
PSE UG POWER	UTILITY: POWER – PSE UNDERGROUND
POWER RENTON	UTILITY: POWER – CITY OF RENTON
OH POWER SCL	UTILITY: POWER – SCL OVERHEAD
SS–RENTON	UTILITY: SANITARY SEWER – CITY OF RENTON
SS–KCWW	UTILITY: SANITARY SEWER – KCWW
SS–PVT	UTILITY: SANITARY SEWER – PRIVATE
SD–RENTON	UTILITY: STORM DRAIN – CITY OF RENTON
SD–PVT	UTILITY: STORM DRAIN – PRIVATE
W–RENTON	UTILITY: WATER – CITY OF RENTON

N

40 20 0 40 80
SCALE IN FEET

04/07/20 | 5:28 PM | DAVID.HARRIS
X:\SOUND TRANSIT\PROJECTS\2017011 8 - I-405 BRT & OMF\CADD\02 - PLAN SHEETS\I405-B04-UCP100.DWG

No.	DATE	DSN	CHK	APP	REVISION

DESIGNED BY:
DRAWN BY:
CHECKED BY:
APPROVED BY:

PHASE 2

PERTEET
2707 COLBY AVENUE, SUITE 900
EVERETT, WA 98201
425.252.7700 | 800.615.9900

wsp

SUBMITTED BY: DATE: REVIEWED BY: DATE:

LINE IS 1" AT FULL SCALE

SOUNDTRANSIT

SCALE: 1" = 40'
FILENAME:
CONTRACT ID:
DATE: 4/10/2020

I-405 BRT
BURIEN TC TO LYNNWOOD TC CONCEPTUAL ENGINEERING PLANS
SOUTH RENTON TRANSIT CENTER
COMPOSITE UTILITY PLAN

DRAWING No.: B04-UCP102
LOCATION No.:
SHEET No.: 42
REV: 0

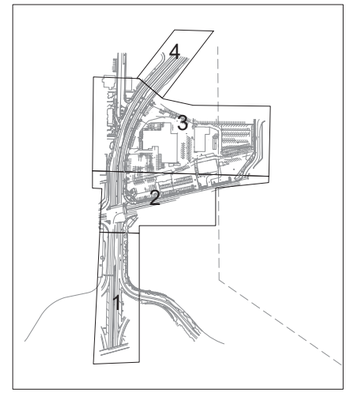
LEGEND – PROPOSED UTILITIES:

— SD — UTILITY: STORM DRAIN

N

40 20 0 40 80

SCALE IN FEET



LEGEND – EXISTING UTILITIES:

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COMM COMCAST	UTILITY: COMM – COMCAST
COMM WSDOT	UTILITY: COMM – WSDOT
COMM ZAYO	UTILITY: COMM – ZAYO
GAS OLYMPIC PL	UTILITY: GAS – OLYMPIC PIPELINE
GAS PSE	UTILITY: GAS – PSE
PSE OH POWER	UTILITY: POWER – PSE OVERHEAD
PSE UG POWER	UTILITY: POWER – PSE UNDERGROUND
POWER RENTON	UTILITY: POWER – CITY OF RENTON
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SS–KCWW	UTILITY: SANITARY SEWER – KCWW
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SD–RENTON	UTILITY: STORM DRAIN – CITY OF RENTON
SD–PVT	UTILITY: STORM DRAIN – PRIVATE
W–RENTON	UTILITY: WATER – CITY OF RENTON

ALL EXISTING UTILITY INFORMATION DEPICTED AT QUALITY LEVEL D UNLESS OTHERWISE NOTED.

NOTES:

UTILITY QUALITY LEVEL A: PRECISE HORIZONTAL AND VERTICAL LOCATION OF UTILITIES OBTAINED BY THE ACTUAL EXPOSURE OR VERIFICATION OF PREVIOUSLY EXPOSED AND SURVEYED UTILITIES) AND SUBSEQUENT MEASUREMENT OF SUBSURFACE UTILITIES, USUALLY AT A SPECIFIC POINT. MINIMALLY INTRUSIVE EXCAVATION EQUIPMENT IS TYPICALLY USED TO MINIMIZE THE POTENTIAL FOR UTILITY DAMAGE. A PRECISE HORIZONTAL AND VERTICAL LOCATION, AS WELL AS OTHER UTILITY ATTRIBUTES, IS SHOWN ON PLAN DOCUMENTS. ACCURACY IS TYPICALLY SET TO 15–MM VERTICAL AND TO APPLICABLE HORIZONTAL SURVEY AND MAPPING ACCURACY AS DEFINED OR EXPECTED BY THE PROJECT OWNER.

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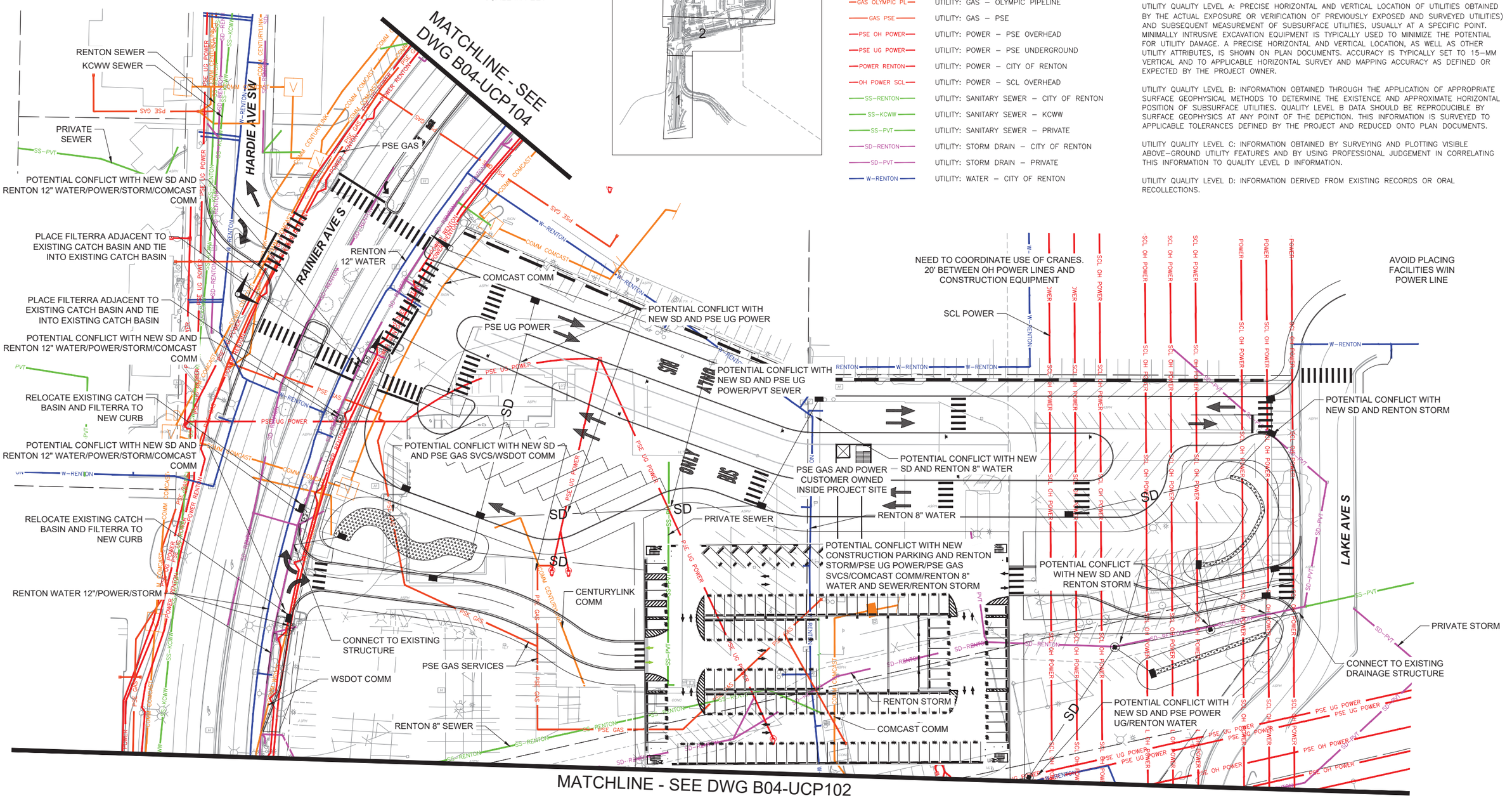
UTILITY QUALITY LEVEL D: INFORMATION DERIVED FROM EXISTING RECORDS OR ORAL RECOLLECTIONS.



No.	DATE	DSN	CHK	APP	REVISION

DESIGNED BY:
DRAWN BY:
CHECKED BY:
APPROVED BY:

PHASE 2

PERTEET
2707 COLBY AVENUE, SUITE 900
EVERETT, WA 98201
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SUBMITTED BY: | DATE: | REVIEWED BY:

LINE IS 1" AT FULL SCALE

SOUNDTRANSIT

DATE:

SCALE: 1" = 40'
FILENAME:
CONTRACT ID:
DATE: 4/10/2020

I-405 BRT
BURIEN TC TO LYNNWOOD TC CONCEPTUAL ENGINEERING PLANS
SOUTH RENTON TRANSIT CENTER
COMPOSITE UTILITY PLAN

DRAWING No.: B04-UCP103
LOCATION No.:
SHEET No.: 43
REV: 0

04/07/20 | 5:29 PM | DAVID.HARRIS
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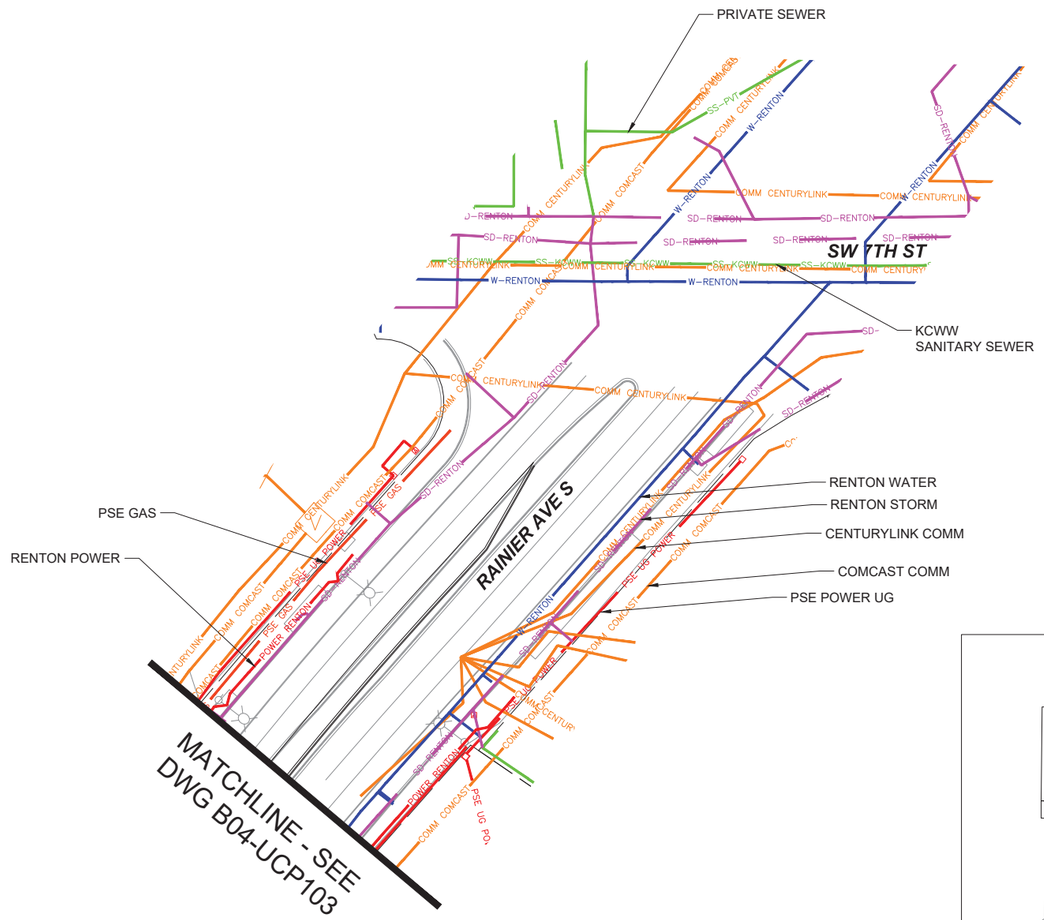

ALL EXISTING UTILITY INFORMATION DEPICTED AT QUALITY LEVEL D UNLESS OTHERWISE NOTED.

NOTES:

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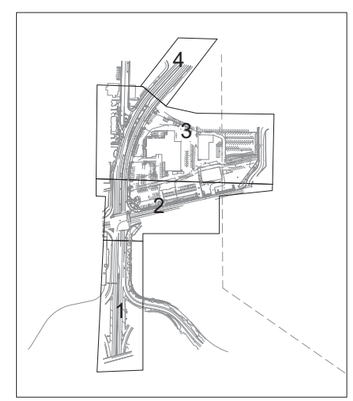


LEGEND – EXISTING UTILITIES:

COMM CENTURYLINK	UTILITY: COMM – CENTURYLINK
COMM COMCAST	UTILITY: COMM – COMCAST
COMM WSDOT	UTILITY: COMM – WSDOT
COMM ZAYO	UTILITY: COMM – ZAYO
GAS OLYMPIC PL	UTILITY: GAS – OLYMPIC PIPELINE
GAS PSE	UTILITY: GAS – PSE
PSE OH POWER	UTILITY: POWER – PSE OVERHEAD
PSE UG POWER	UTILITY: POWER – PSE UNDERGROUND
POWER RENTON	UTILITY: POWER – CITY OF RENTON
OH POWER SCL	UTILITY: POWER – SCL OVERHEAD
SS–RENTON	UTILITY: SANITARY SEWER – CITY OF RENTON
SS–KCWW	UTILITY: SANITARY SEWER – KCWW
SS–PVT	UTILITY: SANITARY SEWER – PRIVATE
SD–RENTON	UTILITY: STORM DRAIN – CITY OF RENTON
SD–PVT	UTILITY: STORM DRAIN – PRIVATE
W–RENTON	UTILITY: WATER – CITY OF RENTON

N

40 20 0 40 80

SCALE IN FEET

04/07/20 | 5:30 PM | DAVID.HARRIS
X:\SOUND TRANSIT\PROJECTS\20170118 - I-405 BRT & OMF\CADD\02 - PLAN SHEETS\I405-B04-UCP100.DWG

No.	DATE	DSN	CHK	APP	REVISION

DESIGNED BY:
DRAWN BY:
CHECKED BY:
APPROVED BY:

PHASE 2

PERTEET
2707 COLBY AVENUE, SUITE 900
EVERETT, WA 98201
425.252.7700 | 800.615.9900

wsp

LINE IS 1" AT FULL SCALE

SOUNDTRANSIT

SUBMITTED BY: | DATE: | REVIEWED BY: | DATE:

SCALE: 1" = 40'
FILENAME:
CONTRACT ID:
DATE: 4/10/2020

I-405 BRT
BURIEN TC TO LYNNWOOD TC
CONCEPTUAL ENGINEERING PLANS

SOUTH RENTON TRANSIT CENTER
COMPOSITE UTILITY PLAN

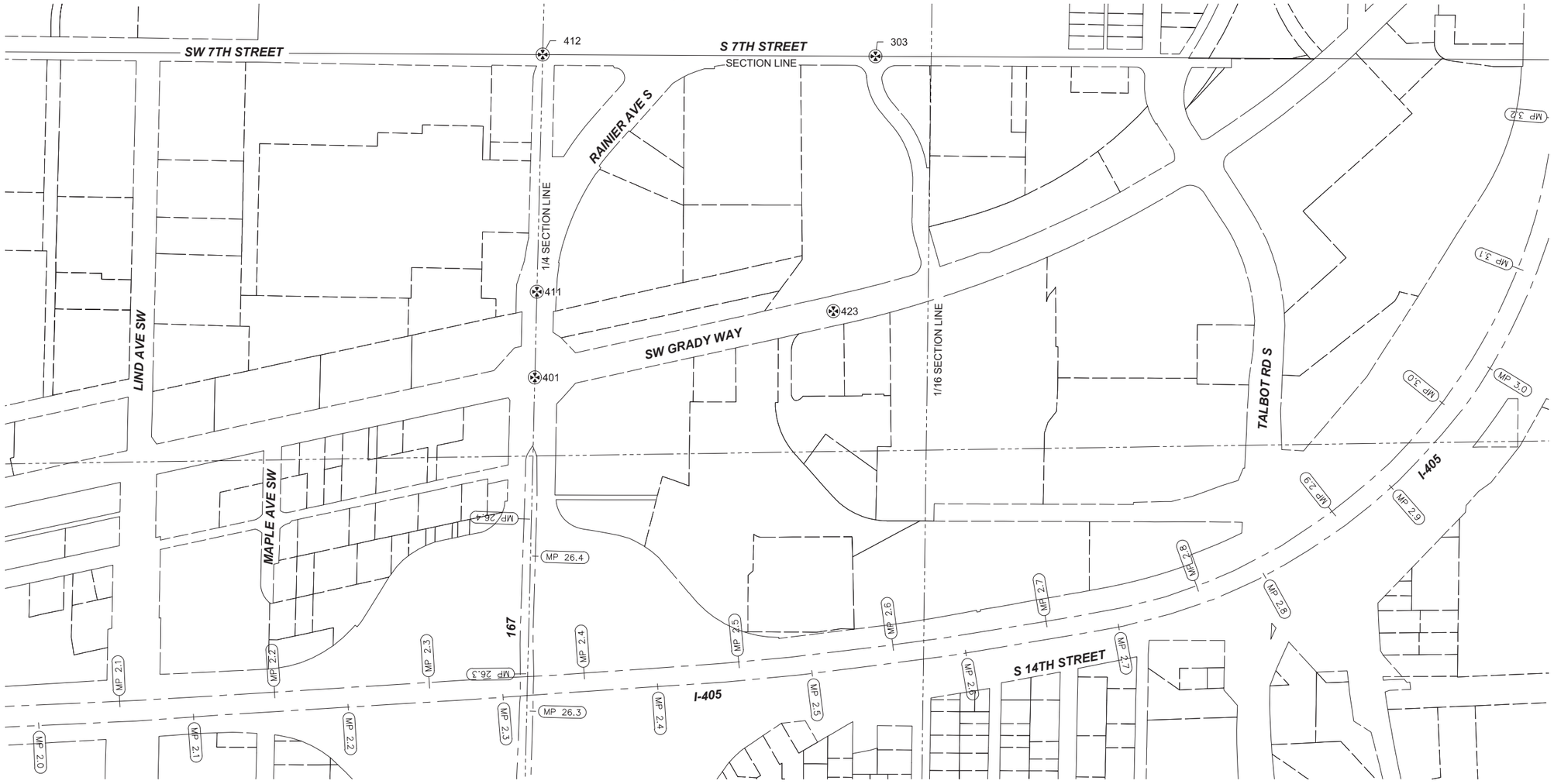
DRAWING No.: B04-UCP104
LOCATION No.:
SHEET No.: 44
REV: 0

Xrefs:
405_BRT_MP10
xl405RX
405BRT_TB22x34

NE 1/4 NW 1/4 SEC 19, T 23 N, R 5 E; W.M.

NW 1/4 NE 1/4 SEC 19, T 23 N, R 5 E; W.M.

NE 1/4 NE 1/4 SEC 19, T 23 N, R 5 E; W.M.



SE 1/4 NW 1/4 SEC 19, T 23 N, R 5 E; W.M.

SW 1/4 NE 1/4 SEC 19, T 23 N, R 5 E; W.M.

SE 1/4 NE 1/4 SEC 19, T 23 N, R 5 E; W.M.

MONUMENT COORDINATE TABLE

POINT NO.	NORTHING	EASTING	ELEVATION	DESC
303	175885.41	1299146.18	24.27	MON IN CASE
401	174791.24	1297986.27	28.10	MON IN CASE
411	175083.39	1297993.38	28.13	MON IN CASE
412	175891.26	1298012.95	25.46	MON IN CASE
423	175017.14	1299002.77	25.50	MON IN CASE

N

200 100 0 200 400
SCALE IN FEET

04/10/20 | 3:49 PM | LIN114
S:\1924 - ST I-405 BRT\ROWSHEET FILES\I-405-B04-RMP101.DWG

No.	DATE	DSN	CHK	APP	REVISION

DESIGNED BY: P. FRANK
DRAWN BY: A. ALIMOVA
CHECKED BY: J. BECKER
APPROVED BY: J. BECKER

PHASE 2

LIN & ASSOCIATES, INC. Consulting Engineers

wsp

LINE IS 1" AT FULL SCALE

SOUNDTRANSIT

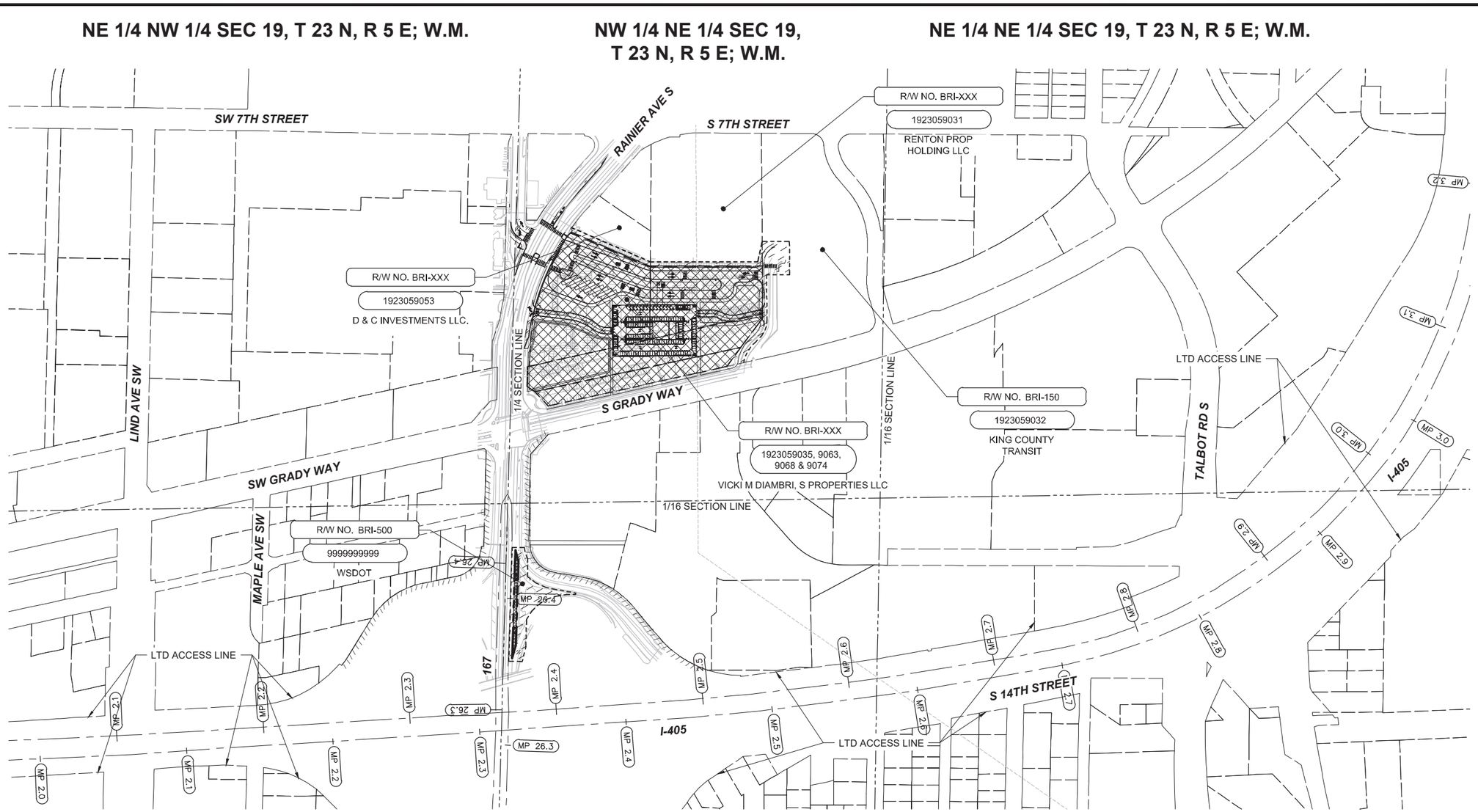
SUBMITTED BY:
DATE: 03/27/2020
REVIEWED BY:
DATE: 03/27/2020

SCALE: 1"=200'
FILENAME: I-405-B04-RMP101
CONTRACT ID:
DATE: 03/27/2020

I-405 BRT
BURIEN TC TO LYNNWOOD TC
CONCEPTUAL ENGINEERING PLANS
SOUTH RENTON TRANSIT CENTER
RIGHT-OF-WAY MONUMENTATION PLAN

DRAWING No.: B04-RMP101
LOCATION No.:
SHEET No.: 45
REV:

Xrefs:
405_BRT_MP10
xl405RX
405BRT_TB22x34
xl405-B04-CPP100
xl405-B04-RPP100
I-405_BRT_Renton_V_S
xl405-B10-CEP001



LEGEND

- MP XX — WSDOT MILE POST
- WSDOT LIMITED ACCESS
- PROPERTY LINE
- FEE TAKE
- TEMPORARY CONSTRUCTION EASEMENT
- WSDOT ASL

N

200 100 0 200 400
SCALE IN FEET

SOUND TRANSIT R/W NO.		PARCEL NO. (TAX ACCOUNT NO.)	OWNERS	PARCEL AREA SQ. FT.	FEE TAKE SQ. FT.	REMAINDER SQ. FT.	GUIDEWAY/ PERMANENT ESMT SQ. FT.	TEMPORARY CONSTRUCTION ESMT SQ. FT.	KING CO. RECORDING NO.
1	BRI-XXX	1923059031	RENTON PROP HOLDING LLC	189,237				6,572	
2	BRI-150	1923059032	KING COUNTY TRANSIT	291,362				20,447	
3	BRI-XXX	1923059053	D & C INVESTMENTS LLC.	37,702				4,643	
4	BRI-XXX	1923059035, 9063, 9068, 9074	VICKI M DIAMBRI, S PROPERTIES LLC	359,747	359,747				
5	BRI-500	9999999999	WSDOT				4,154	27,633	

No.	DATE	DSN	CHK	APP	REVISION

DESIGNED BY: P. FRANK
DRAWN BY: A. ALIMOVA
CHECKED BY: J. BECKER
APPROVED BY: J. BECKER

PHASE 2

LIN & ASSOCIATES, INC. Consulting Engineers

wsp

LINE IS 1" AT FULL SCALE

SOUNDTRANSIT

SUBMITTED BY:
DATE: 03/27/2020
REVIEWED BY:
DATE: 03/27/2020

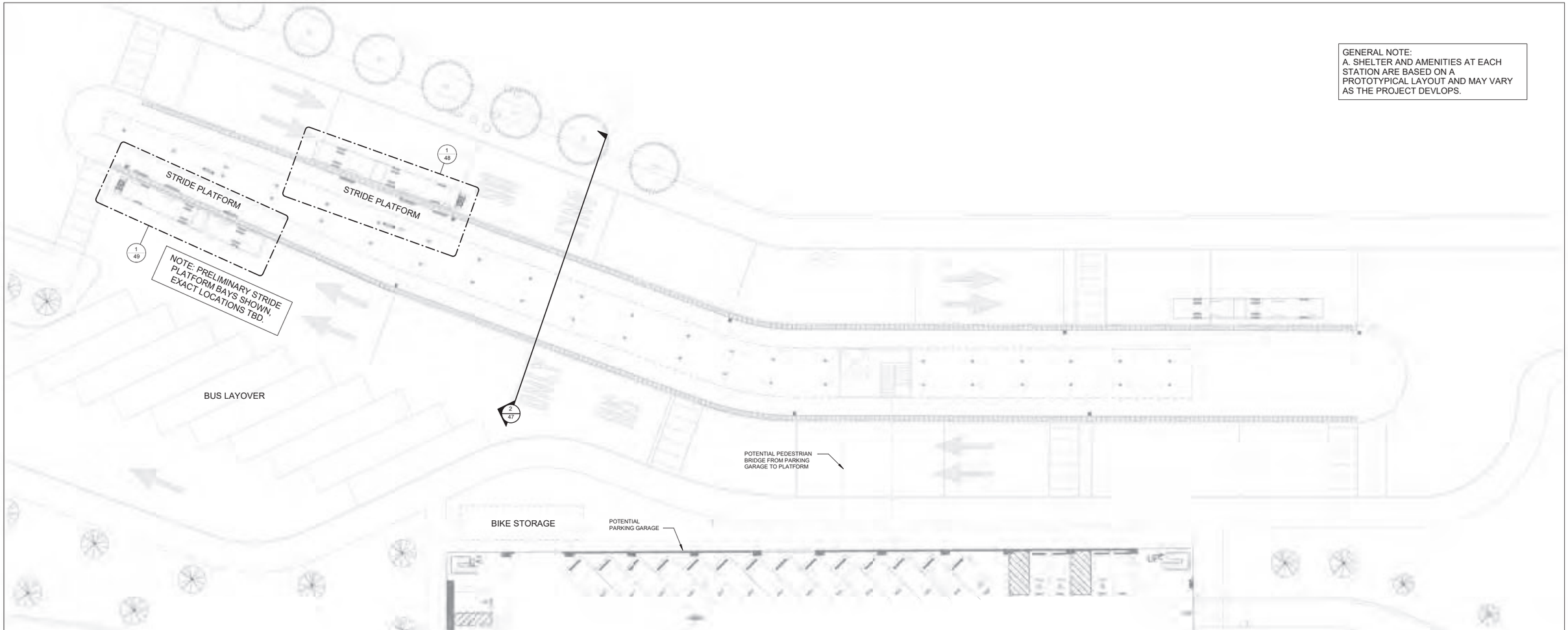
SCALE: 1"=200'
FILENAME: I-405-B04-RPP101-20200413
CONTRACT ID:
DATE: 03/27/2020

I-405 BRT
BURIEN TC TO LYNNWOOD TC
CONCEPTUAL ENGINEERING PLANS
SOUTH RENTON TRANSIT CENTER
RIGHT-OF-WAY PLAN

DRAWING No.: B04-RPP101
LOCATION No.:
SHEET No.: 46
REV:

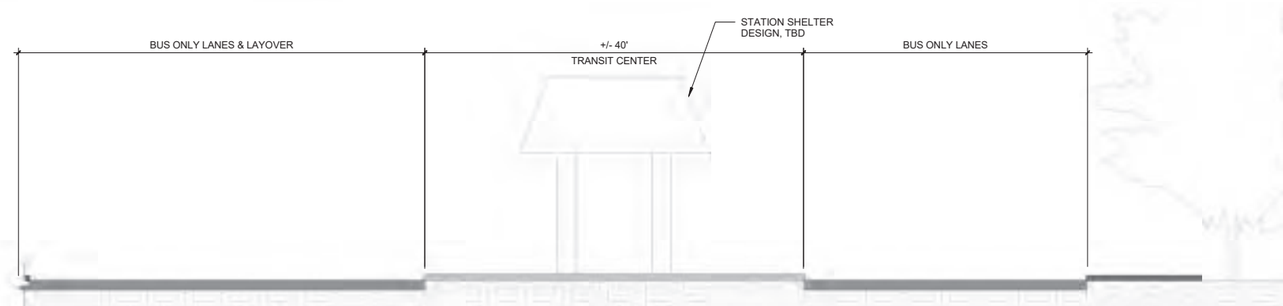
04/13/20 | 4:56 PM | LIN115
S:\1924 - ST I-405 BRT\ROWSHEET FILES\ARCHIVE\20200327 IDR REVISIONS\I-405-B04-RPP101-20200413.DWG

GENERAL NOTE:
A. SHELTER AND AMENITIES AT EACH STATION ARE BASED ON A PROTOTYPICAL LAYOUT AND MAY VARY AS THE PROJECT DEVLOPS.



1 SRTC PLATFORM SITE PLAN
1" = 20'-0"

N



2 SRTC PLATFORM SECTION DIAGRAM
1/8" = 1'-0"

No.	DATE	DSN	CHK	APP	REVISION
1	-				-

DESIGNED BY: --
DRAWN BY: BW/CD/JSP
CHECKED BY: KGT
APPROVED BY:

PHASE 2

wsp

PIVOT

LINE IS 1" AT FULL SCALE

SOUNDTRANSIT

SUBMITTED BY: | DATE: | REVIEWED BY: | DATE:

SCALE: AS NOTED
FILENAME:
CONTRACT ID:
DATE: 04/10/2020

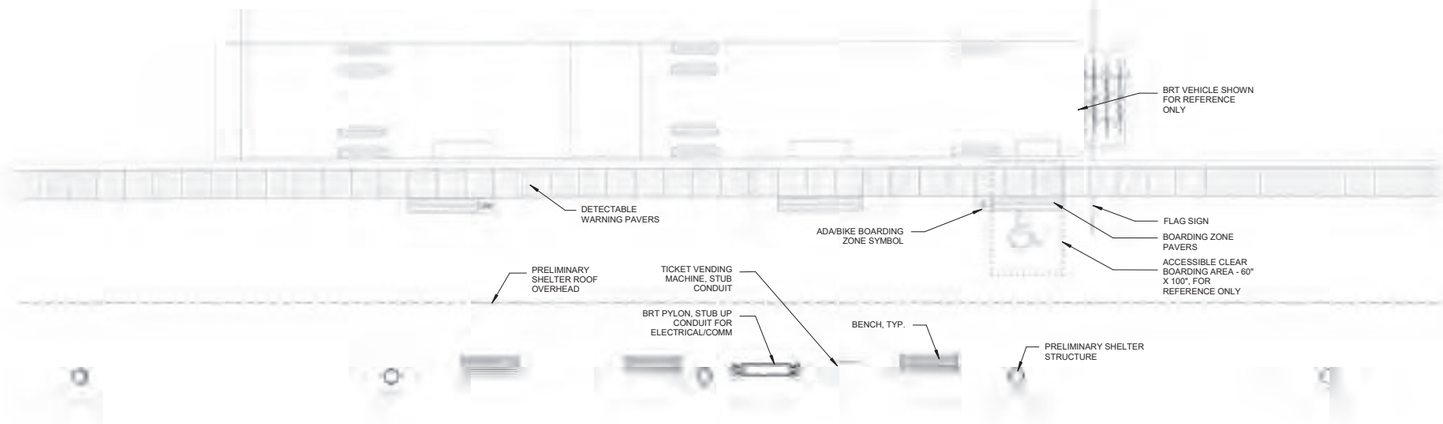
I-405 BRT
BURIEN TC TO LYNNWOOD TC
CONCEPTUAL ENGINEERING PLANS

SOUTH RENTON TRANSIT CENTER
PLATFORM PLANS

DRAWING No.: B04-ASP101
LOCATION No.:
SHEET No.: 47
REV:

PRINTED ON: 4/10/2020 9:16:50 AM FROM FILE: C:\Pivot_Architecture\Revit_2018\1813_I405 Typical Platforms_R18_bwardle.rvt

GENERAL NOTE:
A. SHELTER AND AMENITIES AT EACH STATION ARE BASED ON A PROTOTYPICAL LAYOUT AND MAY VARY AS THE PROJECT DEVLOPS.



1 SRTC - PLATFORM PLAN
3/16" = 1'-0"

N

NOTE: PRELIMINARY SHELTER SHOWN, DESIGN TBD.

2 SRTC - STRIDE PLATFORM

No.	DATE	DSN	CHK	APP	REVISION
1	-				-

DESIGNED BY: --
DRAWN BY: BW/CD/JSP
CHECKED BY: KGT
APPROVED BY:

PHASE 2

wsp

PIVOT

LINE IS 1" AT FULL SCALE

SOUNDTRANSIT

SUBMITTED BY:
DATE:
REVIEWED BY:
DATE:

SCALE: AS NOTED
FILENAME:
CONTRACT ID:
DATE: 04/10/2020

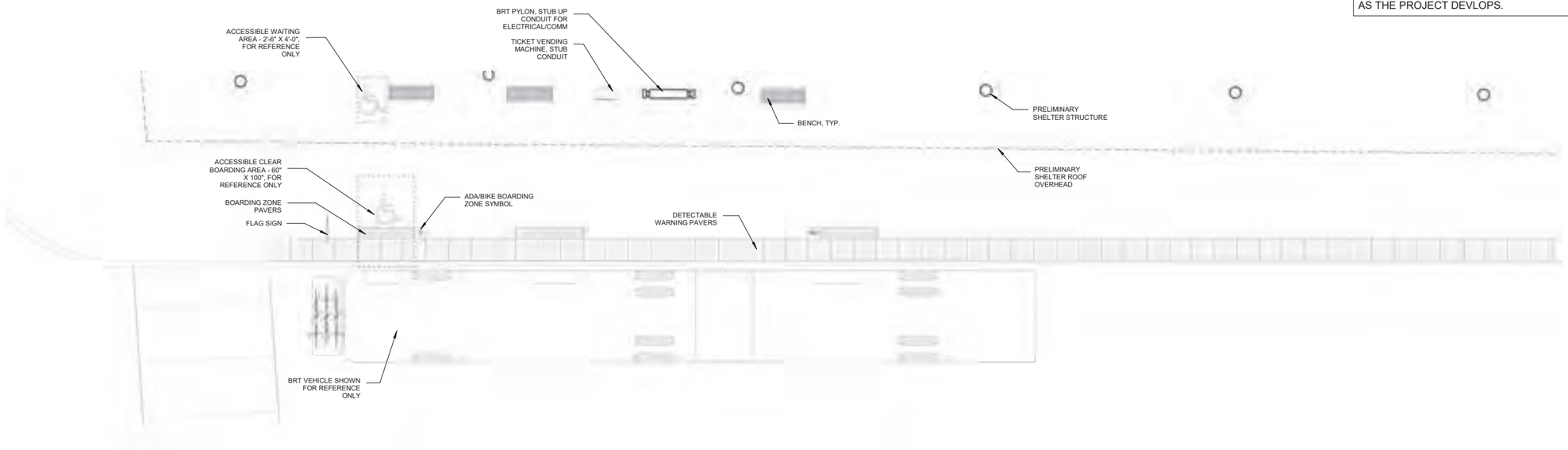
I-405 BRT
BURIEN TC TO LYNNWOOD TC CONCEPTUAL ENGINEERING PLANS

SOUTH RENTON TRANSIT CENTER
PLATFORM PLANS

DRAWING No.: B04-ASP102
LOCATION No.:
SHEET No.: 48
REV:

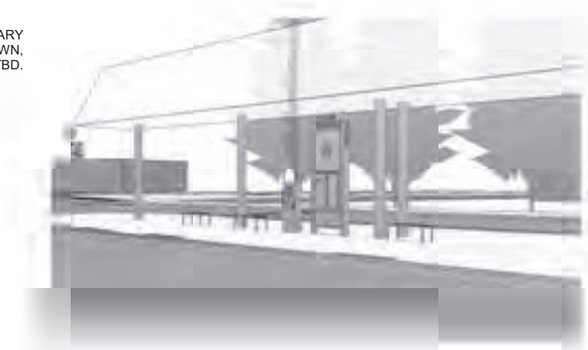
PRINTED ON: 4/10/2020 9:18:23 AM FROM FILE: C:\Pivot_Architecture\Revit_2018\1813_I405 Typical Platforms_R18_bwardle.rvt

GENERAL NOTE:
A. SHELTER AND AMENITIES AT EACH STATION ARE BASED ON A PROTOTYPICAL LAYOUT AND MAY VARY AS THE PROJECT DEVLOPS.



1 SRTC - PLATFORM PLAN
3/16" = 1'-0"

NOTE: PRELIMINARY SHELTER SHOWN, DESIGN TBD.



2 SRTC STRIDE PLATFORM

No.	DATE	DSN	CHK	APP	REVISION
1	-				-

DESIGNED BY: --
DRAWN BY: BW/CD/JSP
CHECKED BY: KGT
APPROVED BY:

PHASE 2

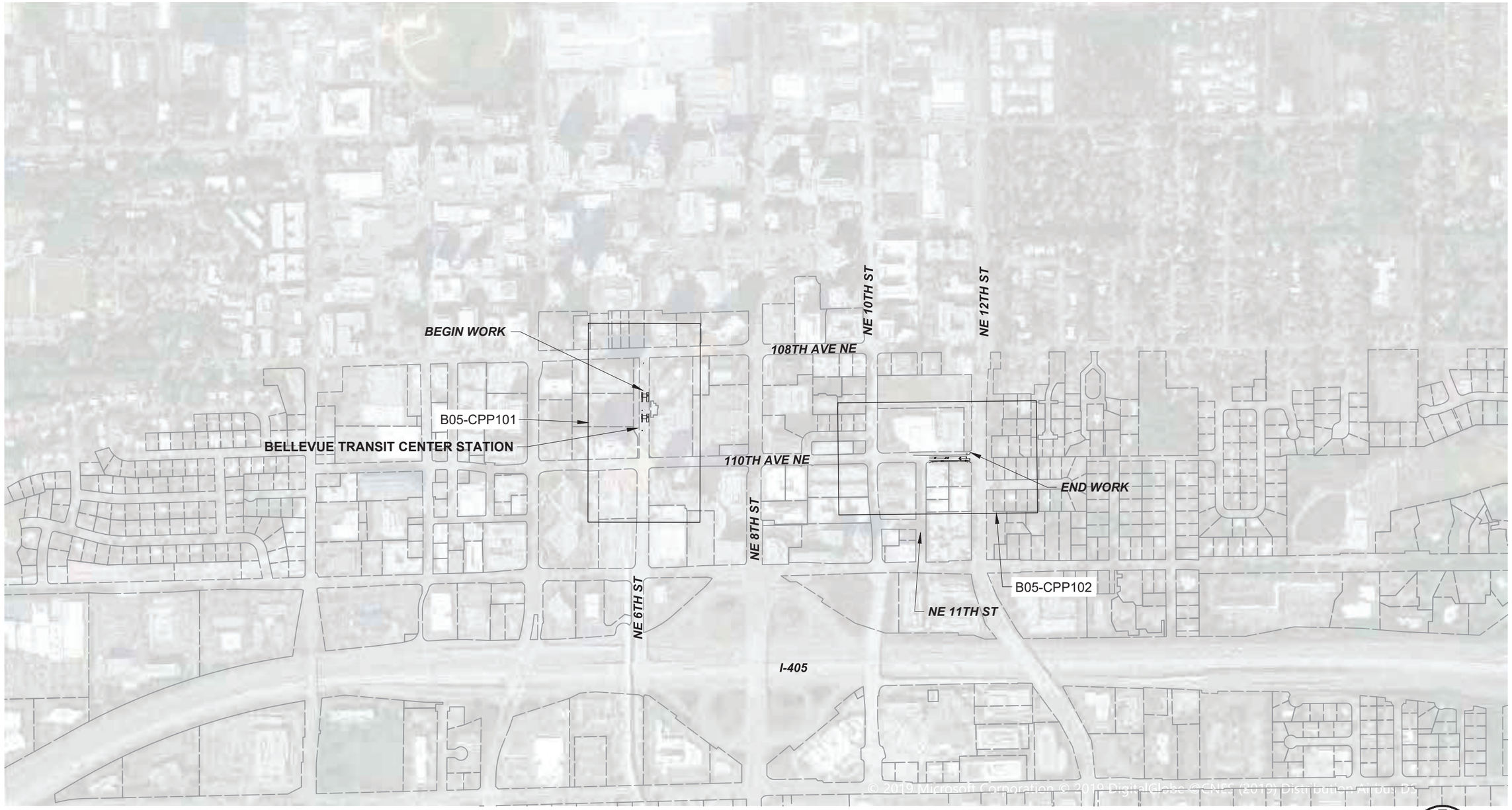
SUBMITTED BY: | DATE: | REVIEWED BY: | DATE:

LINE IS 1" AT FULL SCALE

SCALE: AS NOTED
FILENAME:
CONTRACT ID:
DATE: 04/10/2020

I-405 BRT
BURIEN TC TO LYNNWOOD TC CONCEPTUAL ENGINEERING PLANS
SOUTH RENTON TRANSIT CENTER PLATFORM PLANS

DRAWING No.: B04-ASP103
LOCATION No.:
SHEET No.: 49
REV:



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300 150 0 300 600
SCALE IN FEET

No.	DATE	DSN	CHK	APP	REVISION

DESIGNED BY:
DRAWN BY:
CHECKED BY:
APPROVED BY:

PHASE 2

wsp

SUBMITTED BY: DATE: REVIEWED BY: DATE:

LINE IS 1" AT FULL SCALE

SOUNDTRANSIT

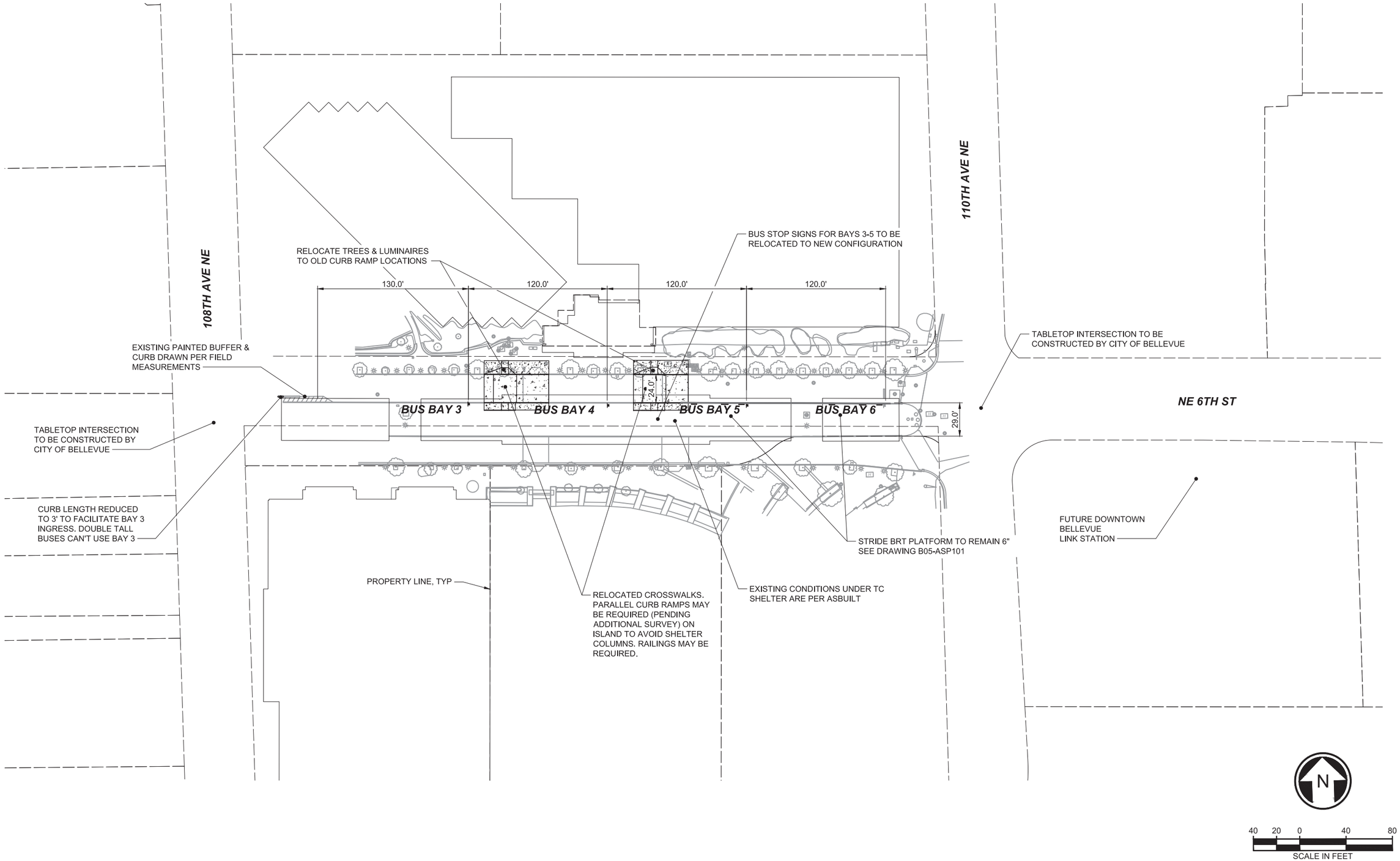
SCALE: 1" = 5000'
FILENAME: I405-B05-GZK100
CONTRACT ID:
DATE: 4/10/2020

I-405 BRT
BURIEN TC TO LYNNWOOD TC CONCEPTUAL ENGINEERING PLANS

BELLEVUE
KEY MAP / SUMMARY OF IMPROVEMENTS

DRAWING No.: B05-GZK100
LOCATION No.:
SHEET No.: 50
REV: 0

04/10/20 | 9:26 AM | USCS678695
J:\160363P_ST_I405-BRT\CADD\SHT\I405-B05-GZK100.DWG



No.	DATE	DSN	CHK	APP	REVISION

DESIGNED BY:
DRAWN BY:
CHECKED BY:
APPROVED BY:

PHASE 2

wsp

SUBMITTED BY: | DATE: | REVIEWED BY: | DATE:

LINE IS 1" AT FULL SCALE

SOUNDTRANSIT

SCALE: 1" = 40'
FILENAME: I405-B05-CPP100
CONTRACT ID:
DATE: 4/10/2020

I-405 BRT
BURIEN TC TO LYNNWOOD TC CONCEPTUAL ENGINEERING PLANS

BELLEVUE
CIVIL PLANS

DRAWING No.: B05-CPP101
LOCATION No.:
SHEET No.: 51
REV: 0

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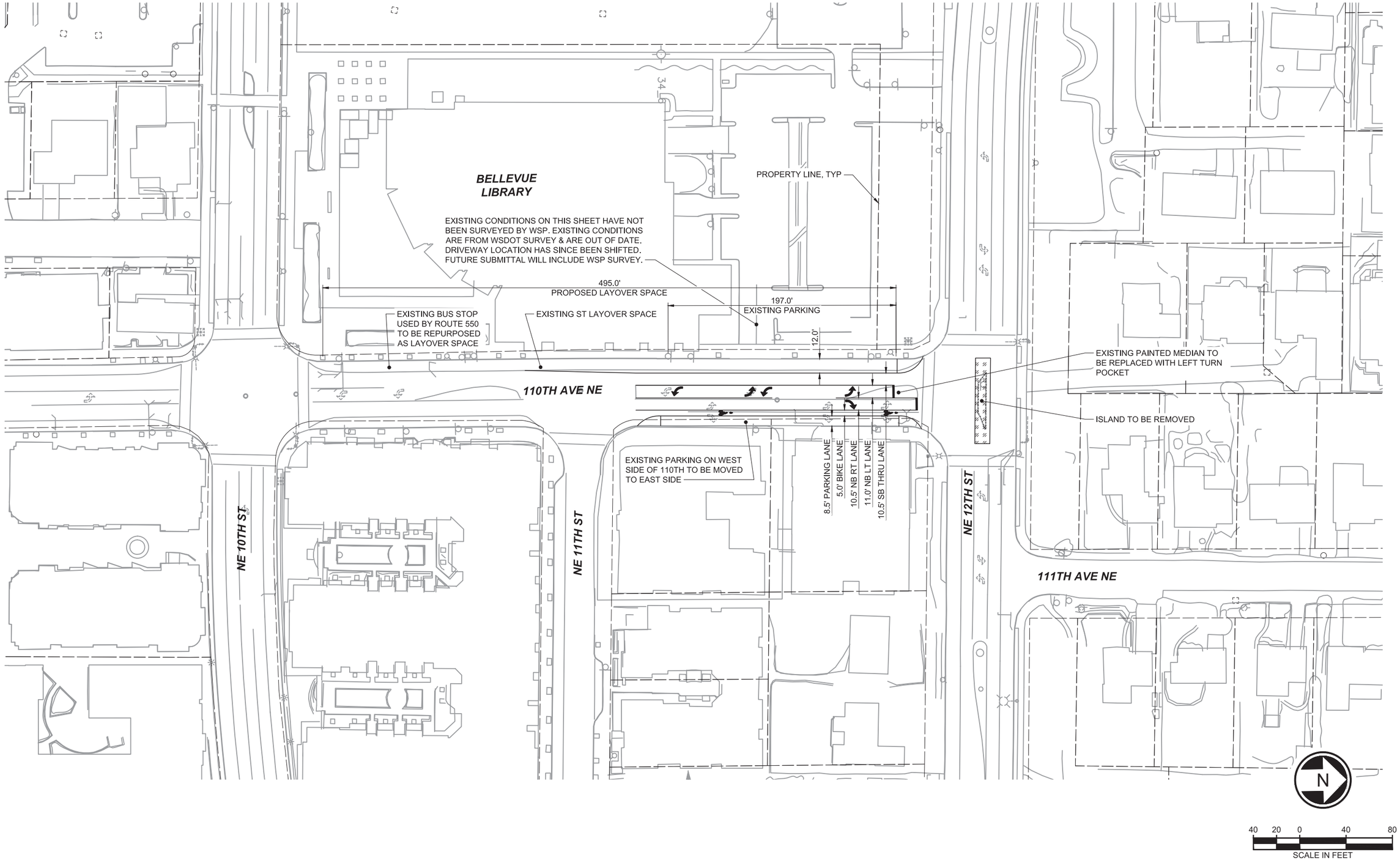


No.	DATE	DSN	CHK	APP	REVISION

DESIGNED BY:
DRAWN BY:
CHECKED BY:
APPROVED BY:

PHASE 2

wsp

SUBMITTED BY: | DATE: | REVIEWED BY: | DATE:

LINE IS 1" AT FULL SCALE

SOUNDTRANSIT

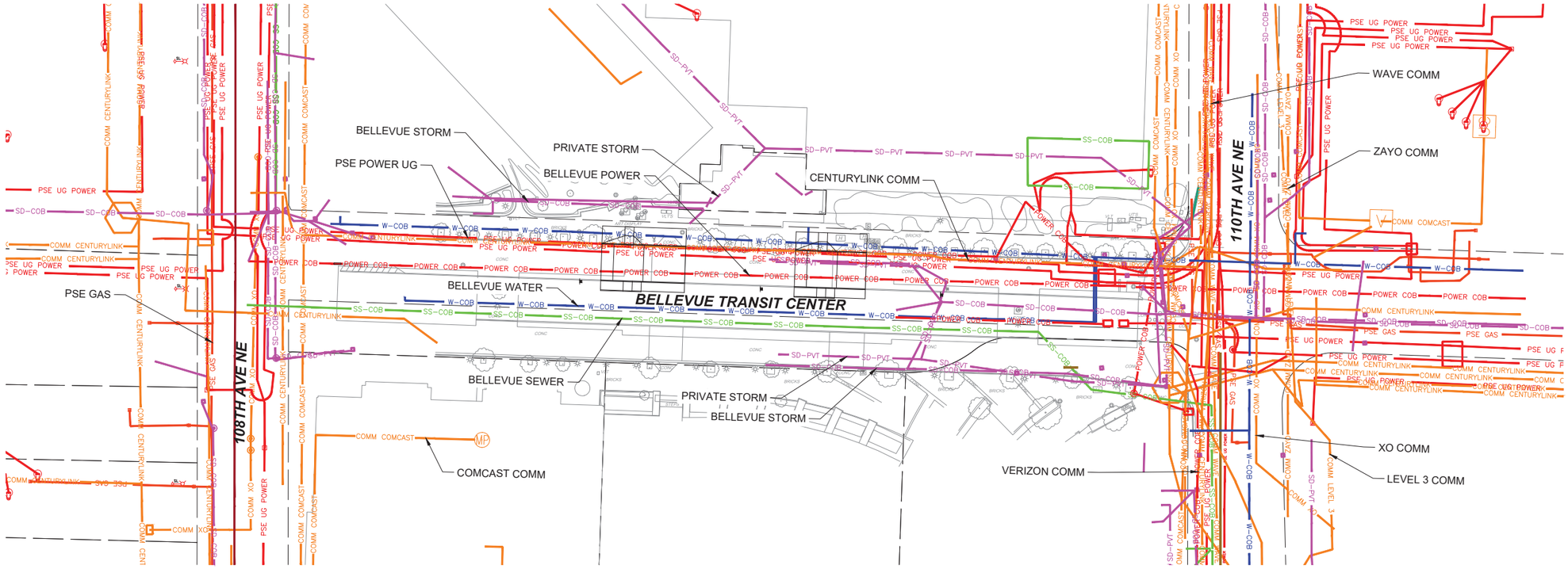
SCALE: 1" = 40'
FILENAME: I405-B05-CPP100
CONTRACT ID:
DATE: 4/10/2020

I-405 BRT
BURIEN TC TO LYNNWOOD TC CONCEPTUAL ENGINEERING PLANS

BELLEVUE
CIVIL PLANS

DRAWING No.: B05-CPP102
LOCATION No.:
SHEET No.: 52
REV: 0

04/10/20 | 9:28 AM | USCS678695
J:\160363P_ST_I405-BRT\CADD\SHT\I405-B05-CPP100.DWG



ALL EXISTING UTILITY INFORMATION DEPICTED AT QUALITY LEVEL D UNLESS OTHERWISE NOTED.

NOTES:

UTILITY QUALITY LEVEL A: PRECISE HORIZONTAL AND VERTICAL LOCATION OF UTILITIES OBTAINED BY THE ACTUAL EXPOSURE OR VERIFICATION OF PREVIOUSLY EXPOSED AND SURVEYED UTILITIES) AND SUBSEQUENT MEASUREMENT OF SUBSURFACE UTILITIES, USUALLY AT A SPECIFIC POINT. MINIMALLY INTRUSIVE EXCAVATION EQUIPMENT IS TYPICALLY USED TO MINIMIZE THE POTENTIAL FOR UTILITY DAMAGE. A PRECISE HORIZONTAL AND VERTICAL LOCATION, AS WELL AS OTHER UTILITY ATTRIBUTES, IS SHOWN ON PLAN DOCUMENTS. ACCURACY IS TYPICALLY SET TO 15–MM VERTICAL AND TO APPLICABLE HORIZONTAL SURVEY AND MAPPING ACCURACY AS DEFINED OR EXPECTED BY THE PROJECT OWNER.

UTILITY QUALITY LEVEL B: INFORMATION OBTAINED THROUGH THE APPLICATION OF APPROPRIATE SURFACE GEOPHYSICAL METHODS TO DETERMINE THE EXISTENCE AND APPROXIMATE HORIZONTAL POSITION OF SUBSURFACE UTILITIES. QUALITY LEVEL B DATA SHOULD BE REPRODUCIBLE BY SURFACE GEOPHYSICS AT ANY POINT OF THE DEPICTION. THIS INFORMATION IS SURVEYED TO APPLICABLE TOLERANCES DEFINED BY THE PROJECT AND REDUCED ONTO PLAN DOCUMENTS.

UTILITY QUALITY LEVEL C: INFORMATION OBTAINED BY SURVEYING AND PLOTTING VISIBLE ABOVE–GROUND UTILITY FEATURES AND BY USING PROFESSIONAL JUDGEMENT IN CORRELATING THIS INFORMATION TO QUALITY LEVEL D INFORMATION.

UTILITY QUALITY LEVEL D: INFORMATION DERIVED FROM EXISTING RECORDS OR ORAL RECOLLECTIONS.

LEGEND – EXISTING UTILITIES:

COMM CENTURYLINK	UTILITY: COMM – CENTURYLINK
COMM COMCAST	UTILITY: COMM – COMCAST
COMM LEVEL 3	UTILITY: COMM – LEVEL 3 COMMUNICATIONS
COMM VERIZON	UTILITY: COMM – VERIZON
COMM WAVE	UTILITY: COMM – WAVE
COMM WSDOT	UTILITY: COMM – WSDOT
COMM XO	UTILITY: COMM – XO COMMUNICATIONS
COMM ZAYO	UTILITY: COMM – ZAYO
GAS PSE	UTILITY: GAS – PSE
PSE UG POWER	UTILITY: POWER – PSE UNDERGROUND
POWER COB	UTILITY: POWER – COB
SS–COB	UTILITY: SANITARY SEWER – COB
SD–COB	UTILITY: STORM DRAIN – COB
W–COB	UTILITY: WATER – COB

N

40 20 0 40 80
SCALE IN FEET

No.	DATE	DSN	CHK	APP	REVISION

DESIGNED BY:
DRAWN BY:
CHECKED BY:
APPROVED BY:

PHASE 2

PERTEET
2707 COLBY AVENUE, SUITE 900
EVERETT, WA 98201
425.252.7700 | 800.615.9900

wsp

LINE IS 1" AT FULL SCALE

SOUNDTRANSIT

SUBMITTED BY: DATE: REVIEWED BY: DATE:

SCALE: 1" = 40'
FILENAME:
CONTRACT ID:
DATE: 4/10/2020

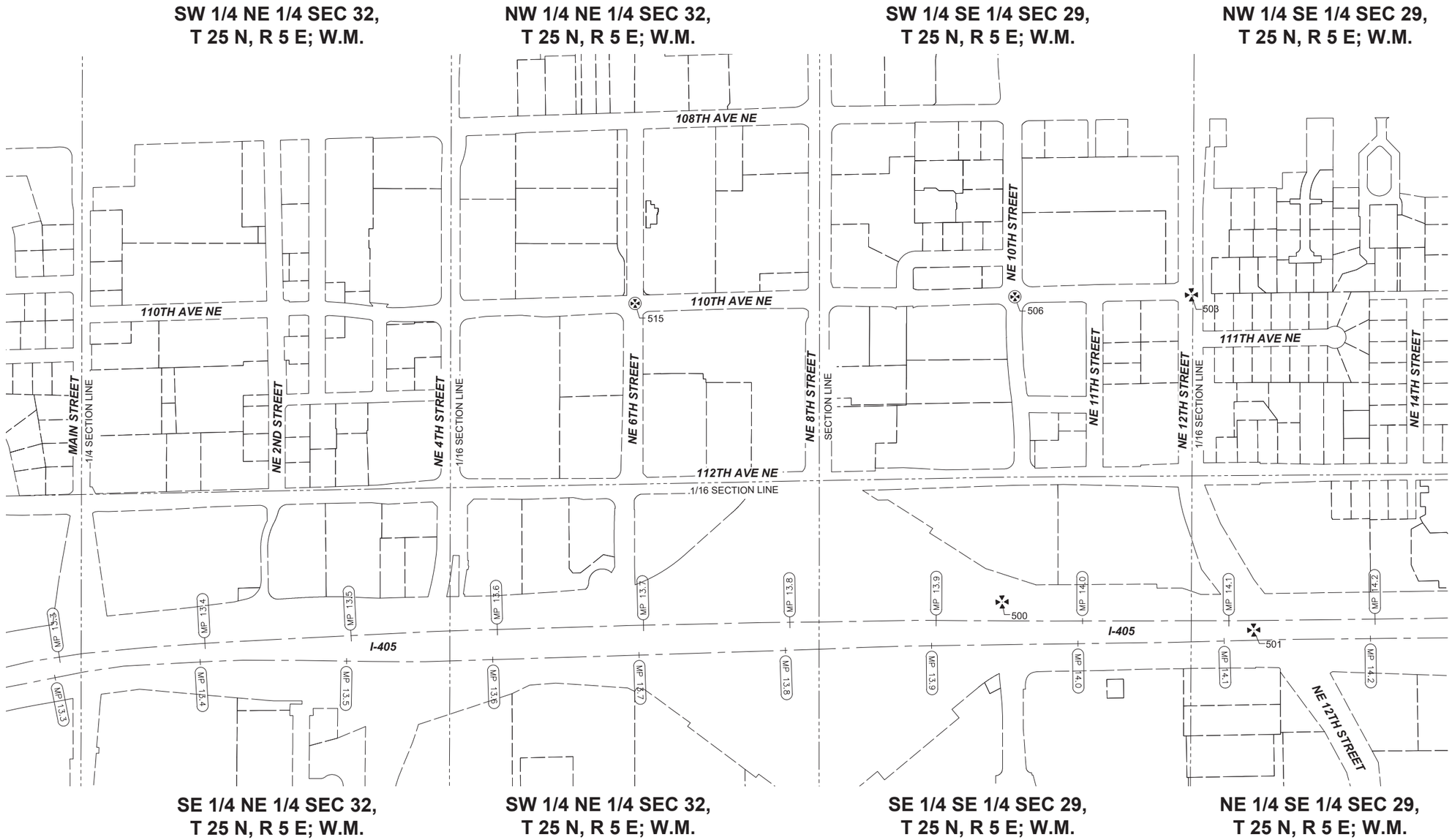
I-405 BRT
BURIEN TC TO LYNNWOOD TC CONCEPTUAL ENGINEERING PLANS

BELLEVUE
COMPOSITE UTILITY PLAN

DRAWING No.: B05-UCP101
LOCATION No.:
SHEET No.: 53
REV: 0

04/07/20 | 5:33 PM | DAVID.HARRIS
X:\SOUND TRANSIT\PROJECTS\20170118 - I-405 BRT & OMF\CADD\02 - PLAN SHEETS\M05-B05-UCP100.DWG

Xrefs:
405_BRT_MP10
xl405RX
405BRT_TB22x34



MONUMENT COORDINATE TABLE

POINT NO.	NORTHING	EASTING	ELEVATION	DESC
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501	229691.84	1306179.12	200.88	MON NO CASE
503	229506.70	1304962.36	194.13	NAIL & WASHER
506	228870.02	1304948.49	180.22	MON IN CASE
515	227499.34	1304927.70	165.96	MON IN CASE

N

200 100 0 200 400
SCALE IN FEET

04/10/20 | 3:51 PM | LIN114
S:\1924 - ST I-405 BRT\ROWSHEET FILES\I-405-B05-RMP101.DWG

No.	DATE	DSN	CHK	APP	REVISION

DESIGNED BY: P. FRANK
DRAWN BY: A. ALIMOVA
CHECKED BY: J. BECKER
APPROVED BY: J. BECKER

PHASE 2

L & A
LIN & ASSOCIATES, INC.
Consulting Engineers

wsp

LINE IS 1" AT FULL SCALE

SOUNDTRANSIT

SUBMITTED BY:
DATE: 03/27/2020
REVIEWED BY:
DATE: 03/27/2020

SCALE: 1"=200'
FILENAME: I-405-B05-RMP101
CONTRACT ID:
DATE: 03/27/2020

I-405 BRT
BURIEN TC TO LYNNWOOD TC
CONCEPTUAL ENGINEERING PLANS

BELLEVUE RIGHT-OF-WAY MONUMENTATION PLAN

DRAWING No.: B05-RMP101
LOCATION No.:
SHEET No.: 54
REV:

Xrefs:
405_BRT_MP10
xl405RX
405BRT_TB22x34
xl405-B05-CPP100
xl405-B05-RPP100
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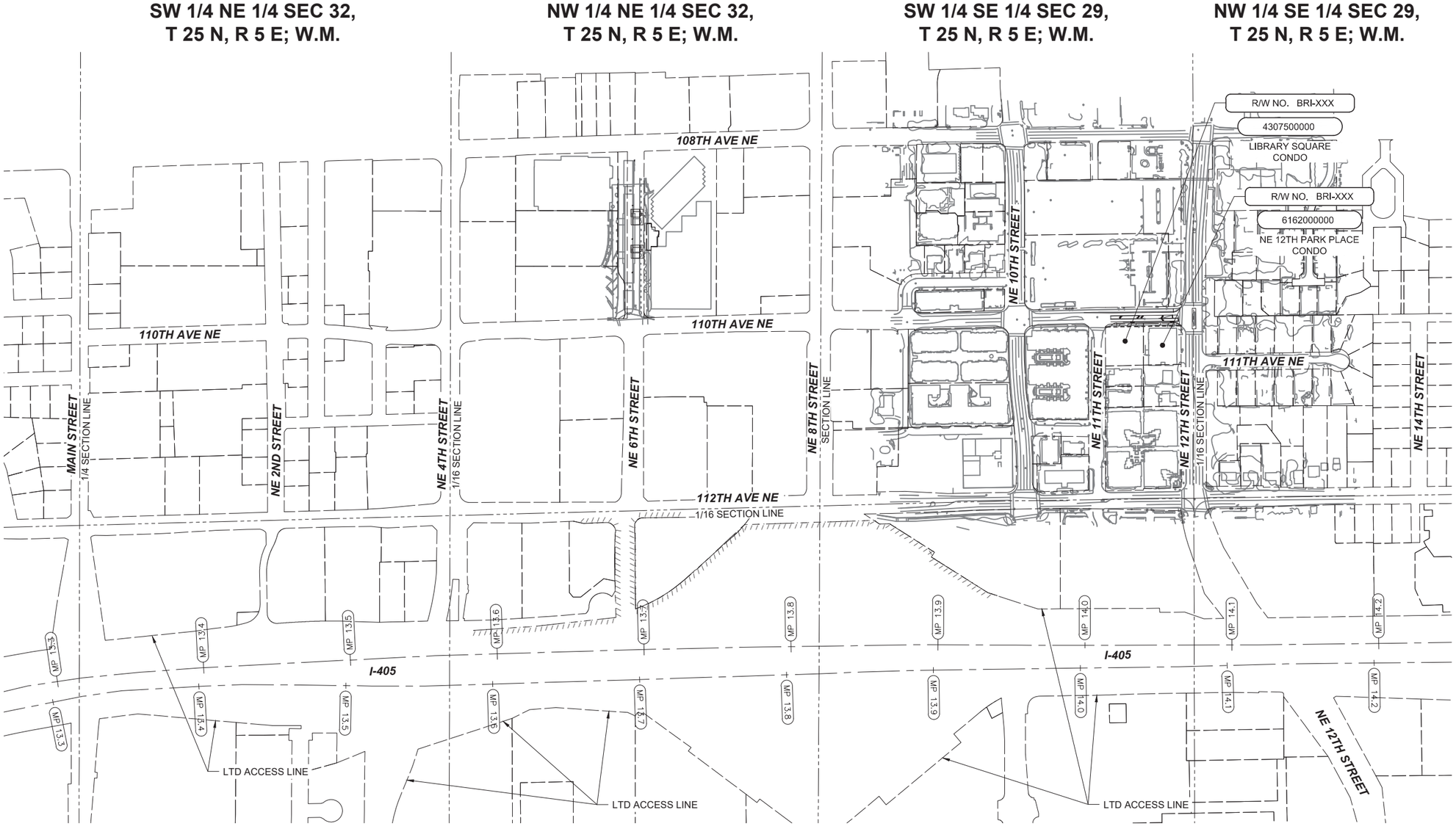


LEGEND

- MP XX — WSDOT MILE POST
- WSDOT LIMITED ACCESS
- PROPERTY LINE
- FEE TAKE
- TEMPORARY CONSTRUCTION EASEMENT
- WSDOT ASL

N

200 100 0 200 400
SCALE IN FEET

SOUND TRANSIT R/W NO.		PARCEL NO. (TAX ACCOUNT NO.)	OWNERS	PARCEL AREA SQ. FT.	FEE TAKE SQ. FT.	REMAINDER SQ. FT.	GUIDEWAY/ PERMANENT ESMT SQ. FT.	TEMPORARY CONSTRUCTION ESMT SQ. FT.	KING CO. RECORDING NO.
1	BRI-XXX	6162000000	NE 12TH PARK PLACE CONDO	20,300				1,305	
2	BRI-XXX	4307500000	LIBRARY SQUARE CONDO	20,228				1,309	

No.	DATE	DSN	CHK	APP	REVISION

DESIGNED BY: P. FRANK
DRAWN BY: A. ALIMOVA
CHECKED BY: J. BECKER
APPROVED BY: J. BECKER

PHASE 2

LIN & ASSOCIATES, INC. Consulting Engineers

wsp

LINE IS 1" AT FULL SCALE

SOUNDTRANSIT

SUBMITTED BY:
DATE: 03/27/2020
REVIEWED BY:
DATE: 03/27/2020
DATE: 03/27/2020

SCALE: 1"=200'
FILENAME: I-405-B05-RPP101
CONTRACT ID:

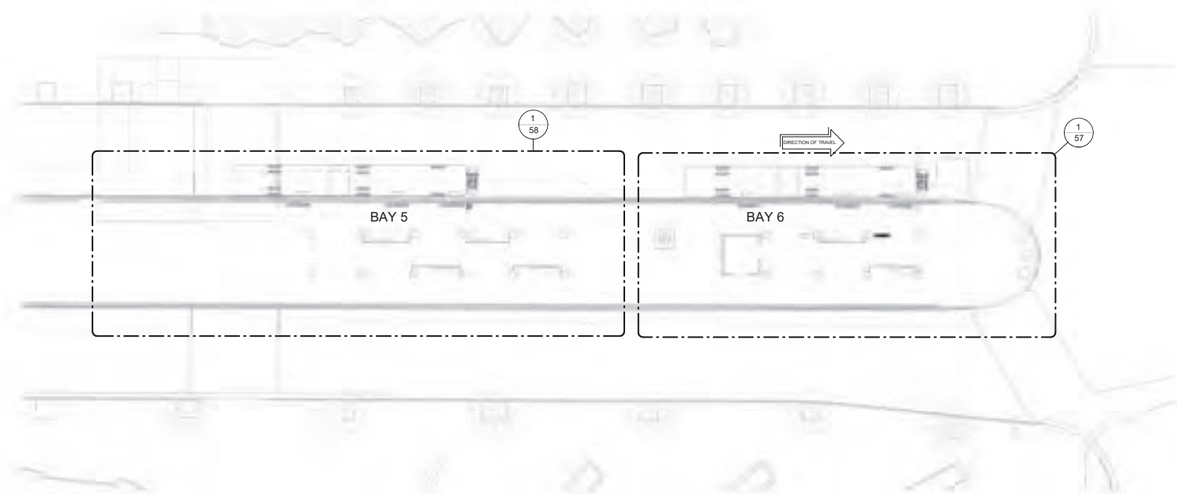
I-405 BRT
BURIEN TC TO LYNNWOOD TC
CONCEPTUAL ENGINEERING PLANS

BELLEVUE RIGHT-OF-WAY PLAN

DRAWING No.: B05-RPP101
LOCATION No.:
SHEET No.: 55
REV:

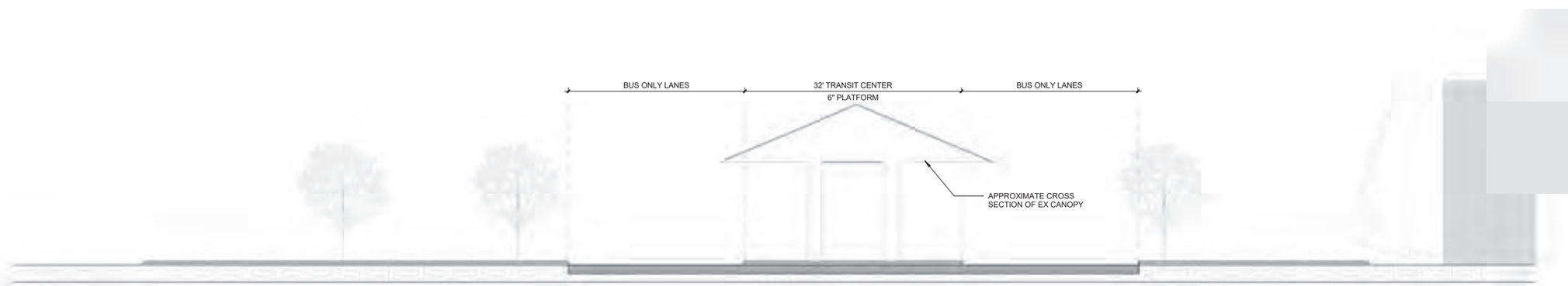
03/27/20 | 12:42 PM | LIN94
S:\1924 - ST I-405 BRT\ROW\SHEET FILES\ARCHIVE\20200327 IDR REVISIONS\I-405-B05-RPP101.DWG

GENERAL NOTE:
A. SHELTER AND AMENITIES AT EACH STATION ARE BASED ON A PROTOTYPICAL LAYOUT AND MAY VARY AS THE PROJECT DEVLOPS.



1 BELLEVUE TRANSIT CENTER SITE PLAN
1" = 20'-0"

N



2 BELLEVUE TRANSIT CENTER
1/8" = 1'-0"

No.	DATE	DSN	CHK	APP	REVISION
1	-				-

DESIGNED BY: --
DRAWN BY: BW/CD/JSP
CHECKED BY: KGT
APPROVED BY:

PHASE 2

wsp

SUBMITTED BY: DATE: REVIEWED BY: DATE:

PIVOT

LINE IS 1" AT FULL SCALE

SOUNDTRANSIT

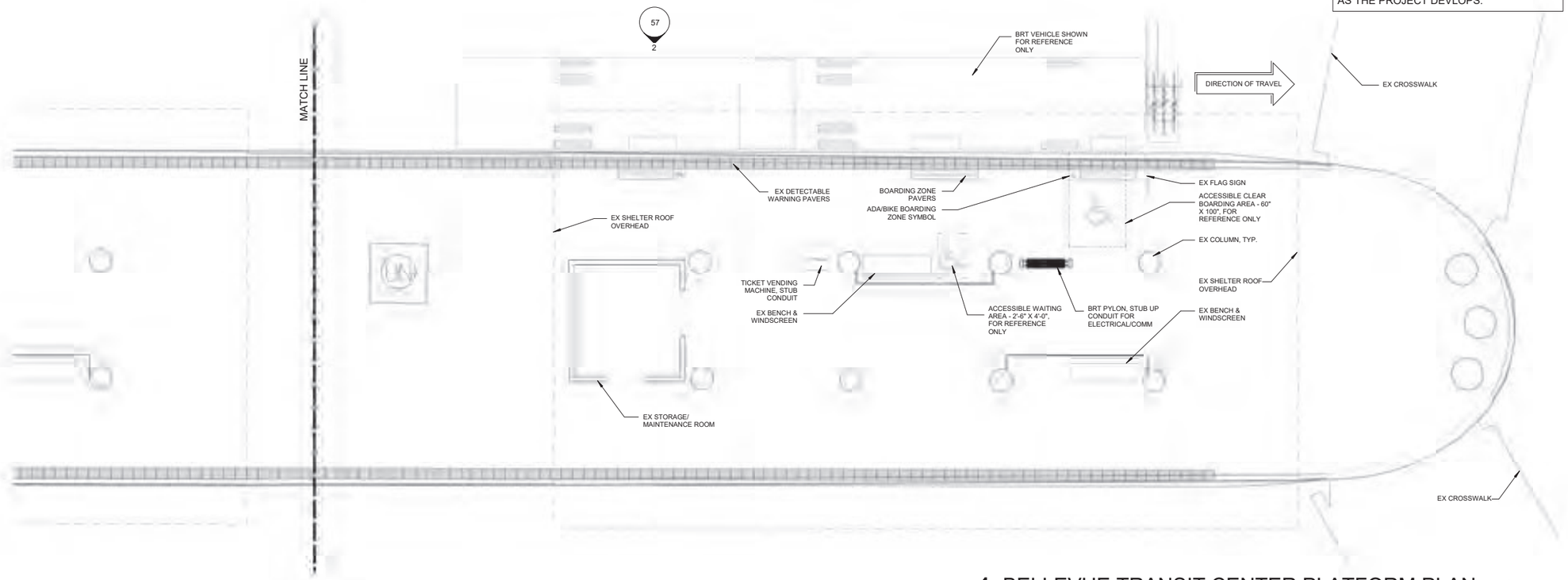
SCALE: AS NOTED
FILENAME:
CONTRACT ID:
DATE: 04/10/2020

I-405 BRT
BURIEN TC TO LYNNWOOD TC CONCEPTUAL ENGINEERING PLANS

BELLEVUE TRANSIT CENTER PLATFORM PLANS

DRAWING No.: B05-ASP101
LOCATION No.:
SHEET No.: 56
REV:

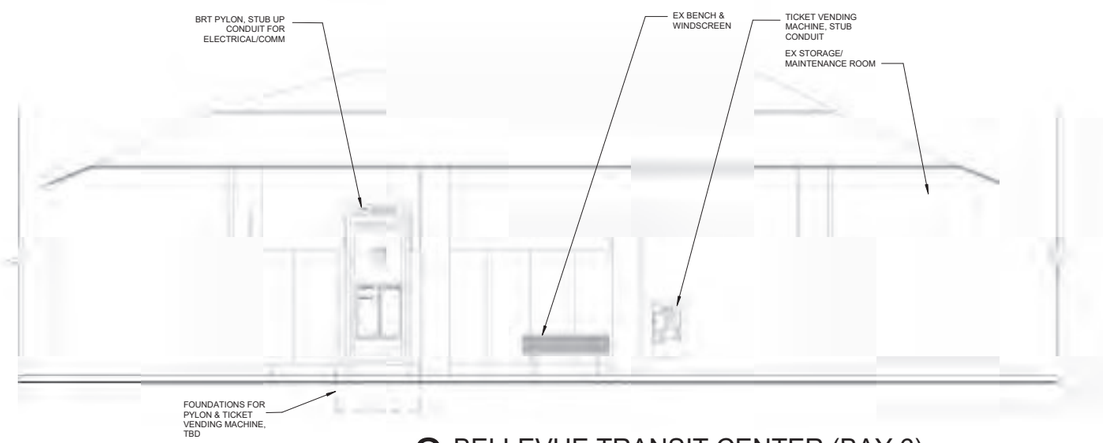
GENERAL NOTE:
A. SHELTER AND AMENITIES AT EACH STATION ARE BASED ON A PROTOTYPICAL LAYOUT AND MAY VARY AS THE PROJECT DEVLOPS.



1 BELLEVUE TRANSIT CENTER PLATFORM PLAN
3/16" = 1'-0"

N

3 BELLEVUE TRANSIT CENTER (BAY 6)



2 BELLEVUE TRANSIT CENTER (BAY 6)
3/16" = 1'-0"

No.	DATE	DSN	CHK	APP	REVISION
1	-				-

DESIGNED BY: --
DRAWN BY: BW/CD/JSP
CHECKED BY: KGT
APPROVED BY:

PHASE 2

wsp

PIVOT

LINE IS 1" AT FULL SCALE

SOUNDTRANSIT

SUBMITTED BY:
DATE:
REVIEWED BY:
DATE:

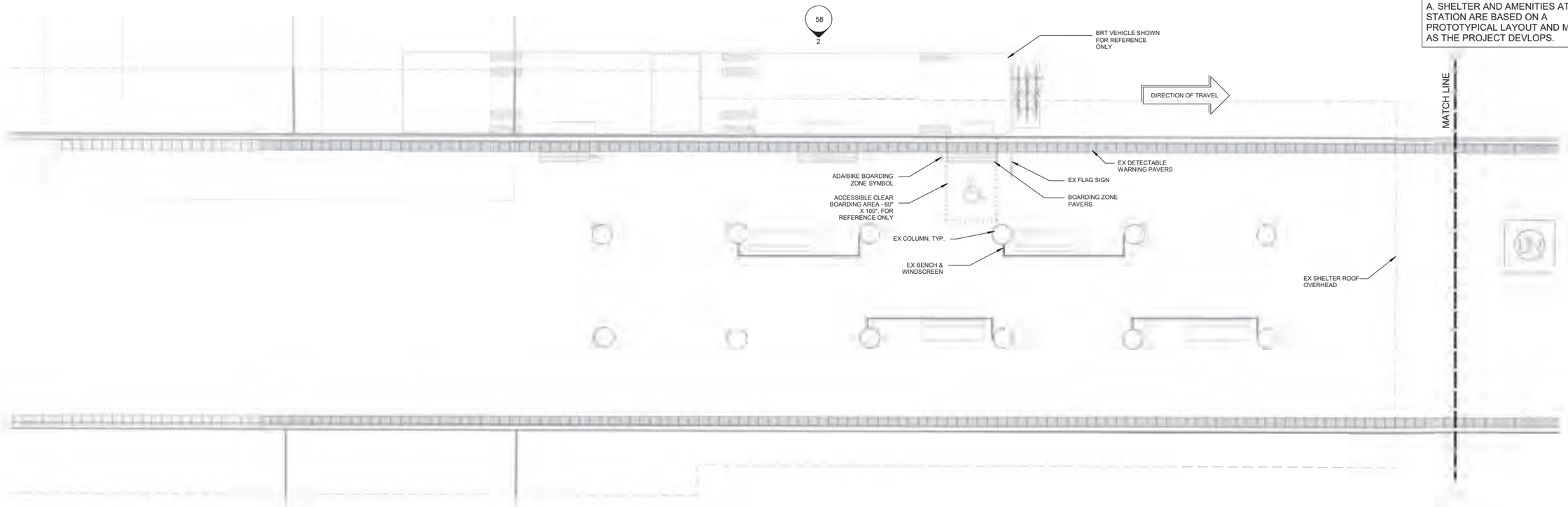
SCALE: AS NOTED
FILENAME:
CONTRACT ID:
DATE: 04/10/2020

I-405 BRT
BURIEN TC TO LYNNWOOD TC CONCEPTUAL ENGINEERING PLANS

BELLEVUE TRANSIT CENTER PLATFORM PLANS

DRAWING No.: B05-ASP102
LOCATION No.:
SHEET No.: 57
REV:

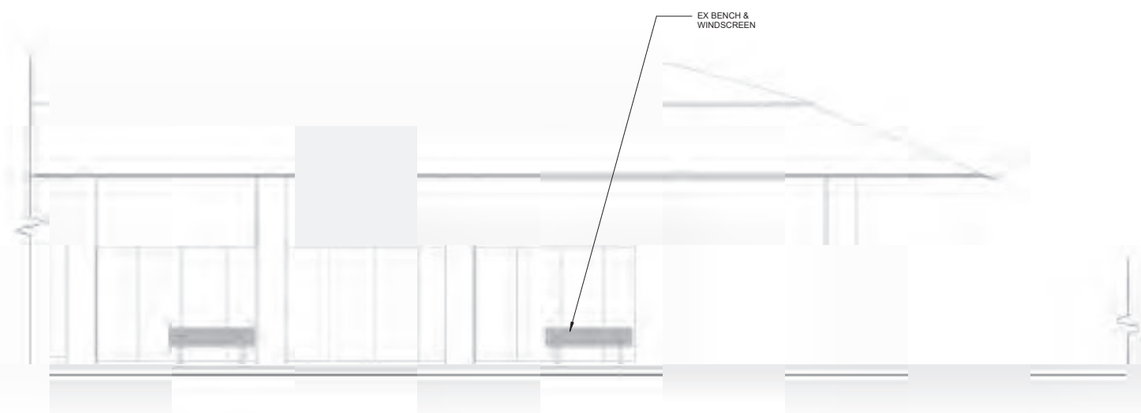
GENERAL NOTE:
A. SHELTER AND AMENITIES AT EACH STATION ARE BASED ON A PROTOTYPICAL LAYOUT AND MAY VARY AS THE PROJECT DEVLOPS.



1 BELLEVUE TRANSIT CENTER PLATFORM PLAN
3/16" = 1'-0"

N

3 BELLEVUE TRANSIT CENTER (BAY 5)



2 BELLEVUE TRANSIT CENTER (BAY 5)
3/16" = 1'-0"

No.	DATE	DSN	CHK	APP	REVISION
1	-				-

DESIGNED BY: --
DRAWN BY: BW/CD/JSP
CHECKED BY: KGT
APPROVED BY:

PHASE 2

wsp

SUBMITTED BY: | DATE: | REVIEWED BY:

PIVOT

LINE IS 1" AT FULL SCALE

SOUNDTRANSIT

DATE:

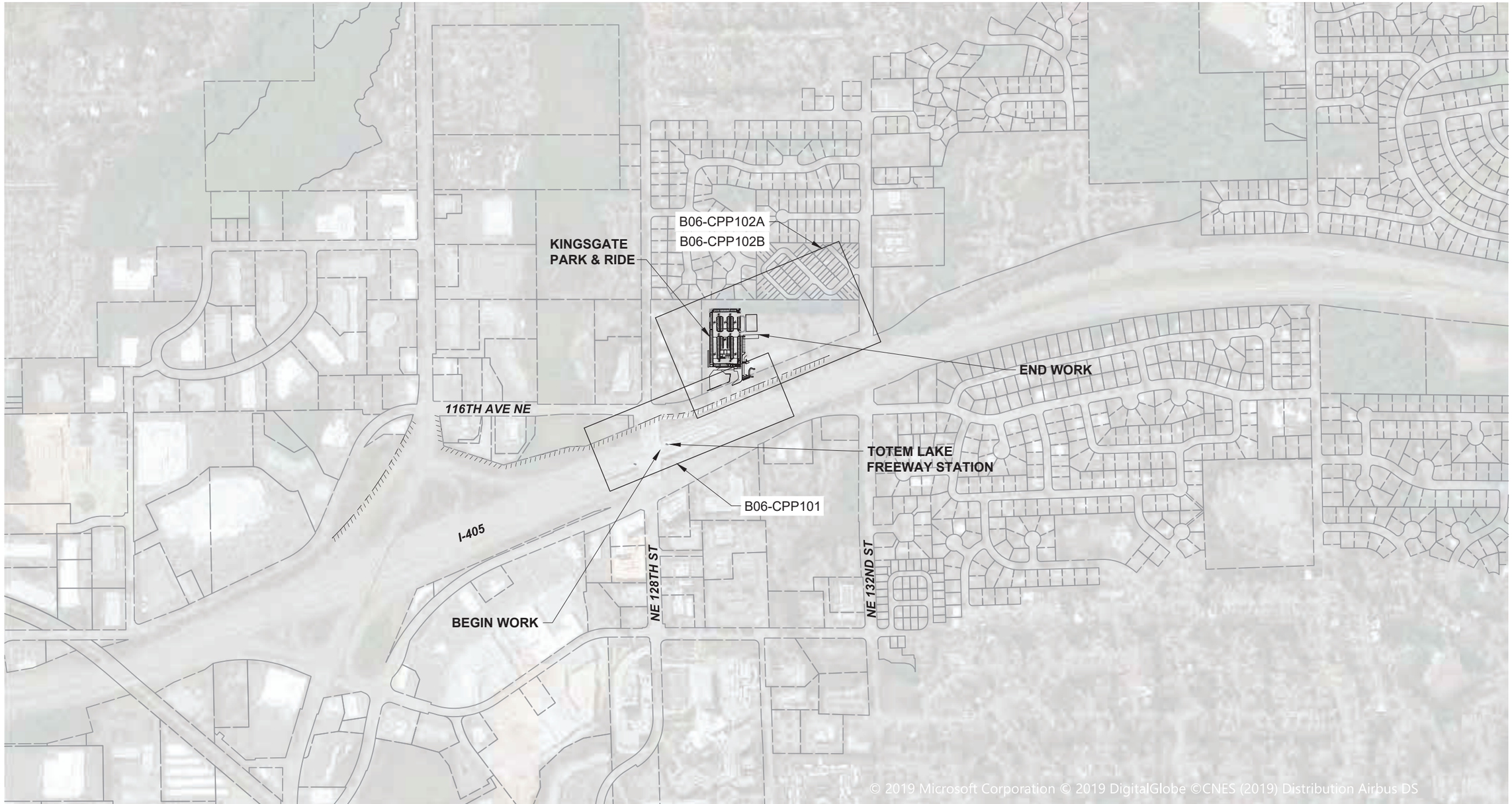
SCALE: AS NOTED
FILENAME:
CONTRACT ID:
DATE: 04/10/2020

I-405 BRT
BURIEN TC TO LYNNWOOD TC CONCEPTUAL ENGINEERING PLANS

BELLEVUE TRANSIT CENTER PLATFORM PLANS

DRAWING No.: B05-ASP103
LOCATION No.:
SHEET No.: 58
REV:

PRINTED ON: 4/10/2020 9:26:23 AM FROM FILE: C:\Pivot_Architecture\Revit_2018\1813_I405 Typical Platforms_R18_bwardle.rvt



N

300 150 0 300 600
SCALE IN FEET

No.	DATE	DSN	CHK	APP	REVISION

DESIGNED BY:
DRAWN BY:
CHECKED BY:
APPROVED BY:

PHASE 2

wsp

SUBMITTED BY: | DATE: | REVIEWED BY: | DATE:

LINE IS 1" AT FULL SCALE

SOUNDTRANSIT

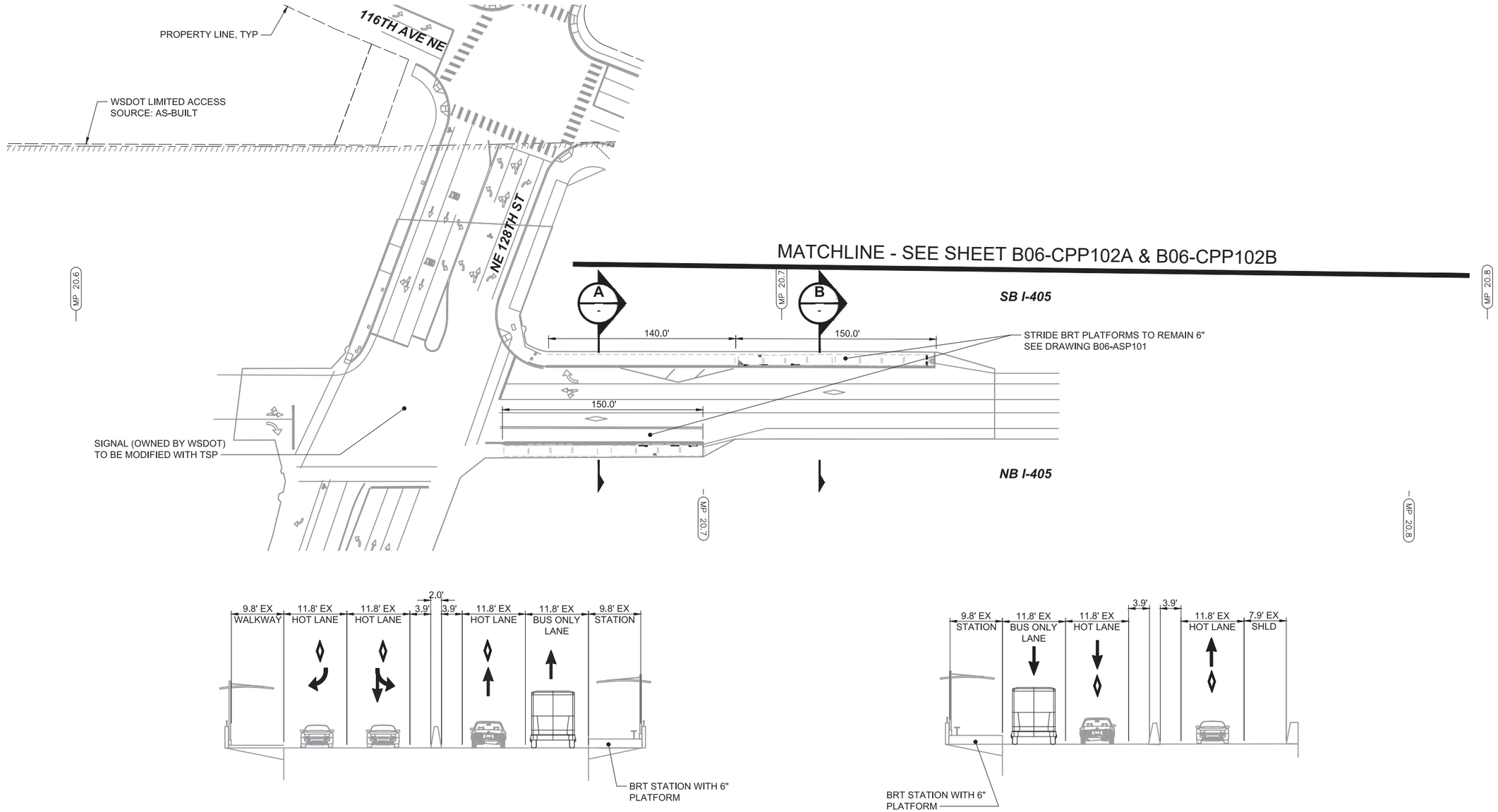
SCALE: 1" = 5000'
FILENAME: I405-B06-GZK100
CONTRACT ID:
DATE: 4/10/2020

I-405 BRT
BURIEN TC TO LYNNWOOD TC
CONCEPTUAL ENGINEERING PLANS

TOTEM LAKE STATION / KINGSGATE PARK & RIDE
KEY MAP / SUMMARY OF IMPROVEMENTS

DRAWING No.: B06-GZK100
LOCATION No.:
SHEET No.: 59
REV: 0

04/10/20 | 9:28 AM | USCS678695
J:\16363P_ST_I405-BRT\CADD\SHT\I405-B06-GZK100.DWG



TOTEM LAKE STATION
NB PLATFORM (A / -)
NTS

TOTEM LAKE STATION
SB PLATFORM (B / -)
NTS

No.	DATE	DSN	CHK	APP	REVISION

DESIGNED BY:
DRAWN BY:
CHECKED BY:
APPROVED BY:

PHASE 2

wsp

SUBMITTED BY: | DATE: | REVIEWED BY: | DATE:

LINE IS 1" AT FULL SCALE

SOUNDTRANSIT

SCALE: 1" = 40'
FILENAME: I405-B06-CPP100
CONTRACT ID:
DATE: 4/10/2020

I-405 BRT
BURIEN TC TO LYNNWOOD TC CONCEPTUAL ENGINEERING PLANS
TOTEM LAKE STATION / KINGSGATE PARK & RIDE
CIVIL PLANS (TOTEM LAKE STATION)

DRAWING No.: B06-CPP101
LOCATION No.:
SHEET No.: 60
REV: 0

04/10/20 | 9:30 AM | USCS678695
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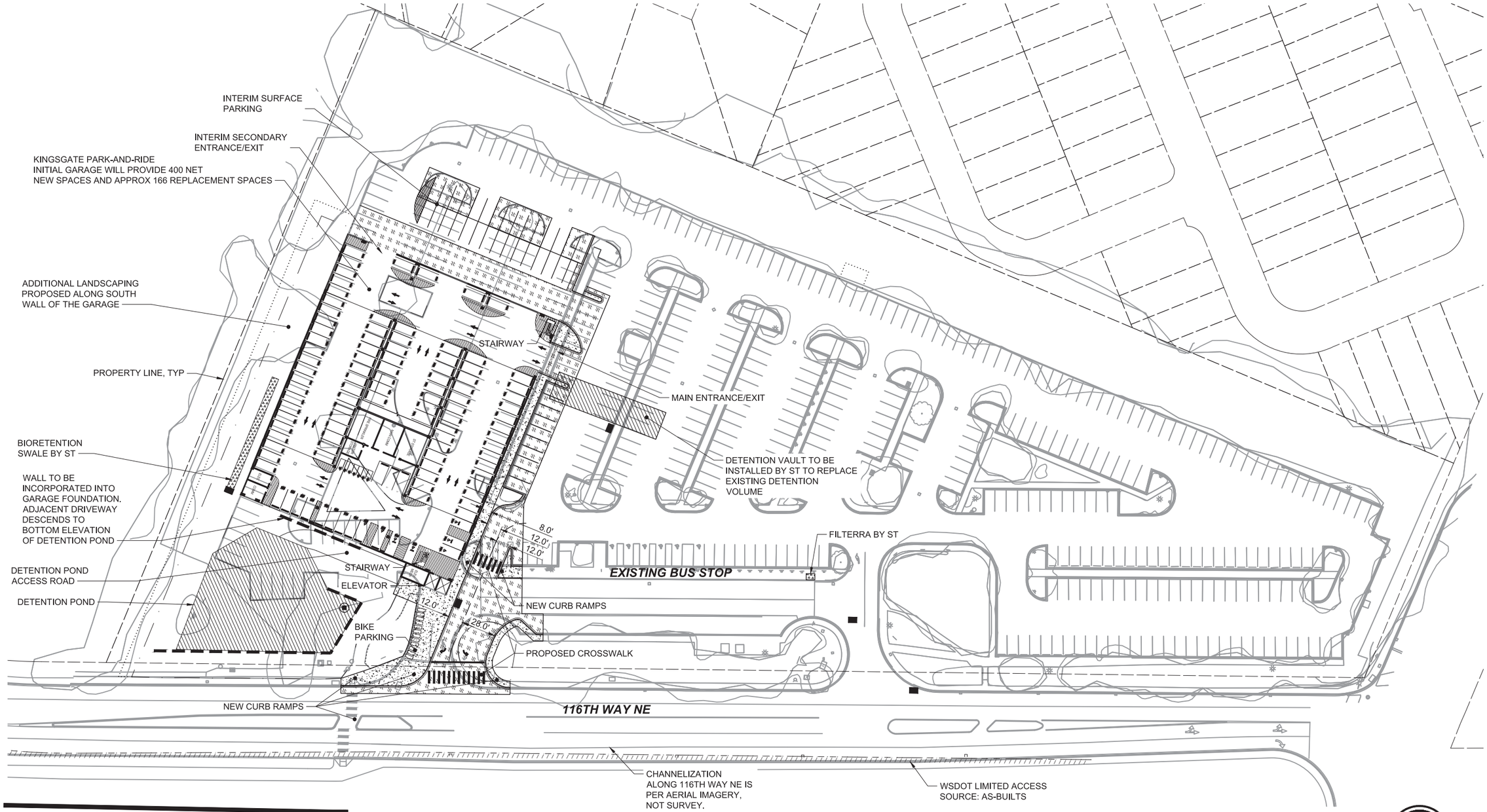


MATCHLINE - SEE SHEET B06-CPP101

04/10/20 | 9:31 AM | USCS678695
J:\160363P_ST_I405-BRT\CAD\SHT\I405-B06-CPP100.DWG

No.	DATE	DSN	CHK	APP	REVISION

DESIGNED BY:
DRAWN BY:
CHECKED BY:
APPROVED BY:

PHASE 2

wsp

SUBMITTED BY: | DATE: | REVIEWED BY: | DATE:

LINE IS 1" AT FULL SCALE

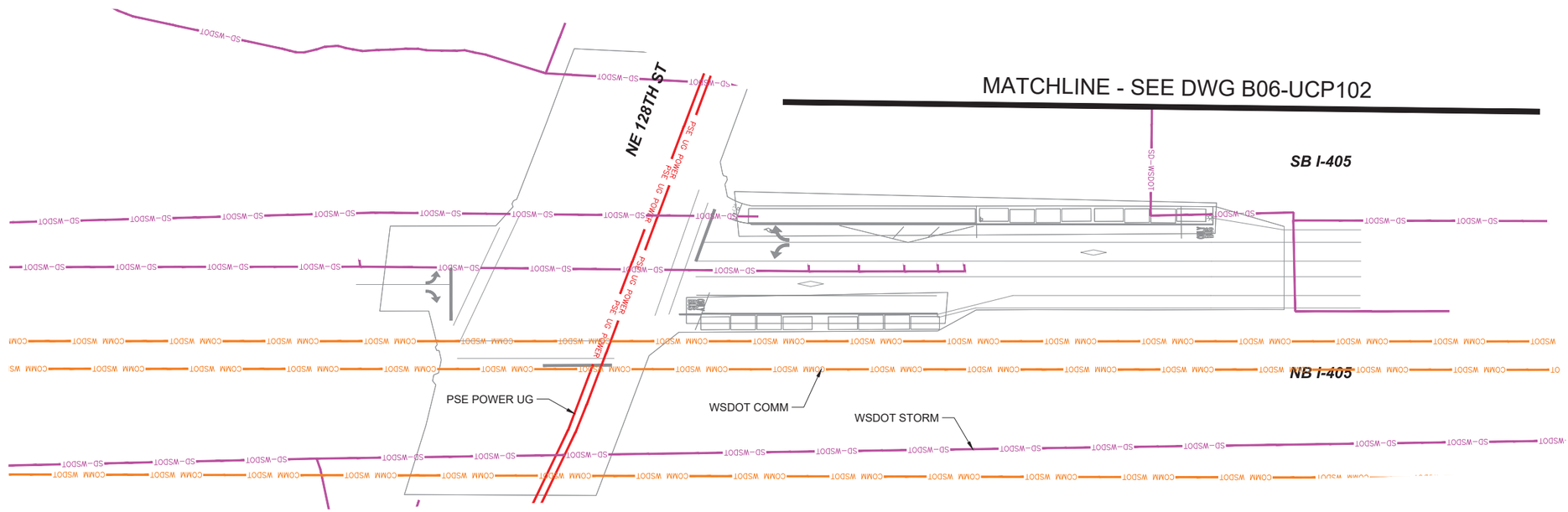
SOUNDTRANSIT

SCALE: 1" = 40'
FILENAME: I405-B06-CPP100
CONTRACT ID:
DATE: 4/10/2020

I-405 BRT
BURIEN TC TO LYNNWOOD TC CONCEPTUAL ENGINEERING PLANS

TOTEM LAKE STATION / KINGSGATE PARK & RIDE
CIVIL PLANS
(KINGSGATE PARK & RIDE PHASE 1)

DRAWING No.: B06-CPP102A
LOCATION No.:
SHEET No.: 61
REV: 0



ALL EXISTING UTILITY INFORMATION DEPICTED AT QUALITY LEVEL D UNLESS OTHERWISE NOTED.

NOTES:

UTILITY QUALITY LEVEL A: PRECISE HORIZONTAL AND VERTICAL LOCATION OF UTILITIES OBTAINED BY THE ACTUAL EXPOSURE OR VERIFICATION OF PREVIOUSLY EXPOSED AND SURVEYED UTILITIES) AND SUBSEQUENT MEASUREMENT OF SUBSURFACE UTILITIES, USUALLY AT A SPECIFIC POINT. MINIMALLY INTRUSIVE EXCAVATION EQUIPMENT IS TYPICALLY USED TO MINIMIZE THE POTENTIAL FOR UTILITY DAMAGE. A PRECISE HORIZONTAL AND VERTICAL LOCATION, AS WELL AS OTHER UTILITY ATTRIBUTES, IS SHOWN ON PLAN DOCUMENTS. ACCURACY IS TYPICALLY SET TO 15-MM VERTICAL AND TO APPLICABLE HORIZONTAL SURVEY AND MAPPING ACCURACY AS DEFINED OR EXPECTED BY THE PROJECT OWNER.

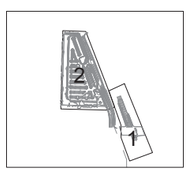
UTILITY QUALITY LEVEL B: INFORMATION OBTAINED THROUGH THE APPLICATION OF APPROPRIATE SURFACE GEOPHYSICAL METHODS TO DETERMINE THE EXISTENCE AND APPROXIMATE HORIZONTAL POSITION OF SUBSURFACE UTILITIES. QUALITY LEVEL B DATA SHOULD BE REPRODUCIBLE BY SURFACE GEOPHYSICS AT ANY POINT OF THE DEPICTION. THIS INFORMATION IS SURVEYED TO APPLICABLE TOLERANCES DEFINED BY THE PROJECT AND REDUCED ONTO PLAN DOCUMENTS.

UTILITY QUALITY LEVEL C: INFORMATION OBTAINED BY SURVEYING AND PLOTTING VISIBLE ABOVE-GROUND UTILITY FEATURES AND BY USING PROFESSIONAL JUDGEMENT IN CORRELATING THIS INFORMATION TO QUALITY LEVEL D INFORMATION.

UTILITY QUALITY LEVEL D: INFORMATION DERIVED FROM EXISTING RECORDS OR ORAL RECOLLECTIONS.

LEGEND – EXISTING UTILITIES:

COMM COMCAST	UTILITY: COMM – COMCAST
COMM FRONTIER	UTILITY: COMM – FRONTIER
COMM LEVEL 3	UTILITY: COMM – LEVEL 3 COMMUNICATIONS
COMM WSDOT	UTILITY: COMM – WSDOT
COMM ZAYO	UTILITY: COMM – ZAYO
GAS PSE	UTILITY: GAS – PSE
PSE OH POWER	UTILITY: POWER – PSE OVERHEAD
PSE UG POWER	UTILITY: POWER – PSE UNDERGROUND
SS-NUD	UTILITY: SANITARY SEWER – NORTHSHORE UTILITY DISTRICT
SD-KIRKLAND	UTILITY: STORM DRAIN – KIRKLAND
SD-WSDOT	UTILITY: STORM DRAIN – WSDOT
W-NUD	UTILITY: WATER – NORTHSHORE UTILITY DISTRICT



N

40 20 0 40 80
SCALE IN FEET

No.	DATE	DSN	CHK	APP	REVISION

DESIGNED BY:
DRAWN BY:
CHECKED BY:
APPROVED BY:

PHASE 2

PERTEET
2707 COLBY AVENUE, SUITE 900
EVERETT, WA 98201
425.252.7700 | 800.615.9900

wsp

LINE IS 1" AT FULL SCALE

SOUNDTRANSIT

SUBMITTED BY: | DATE: | REVIEWED BY: | DATE:

SCALE: 1" = 40'
FILENAME:
CONTRACT ID:
DATE: 4/10/2020

I-405 BRT
BURIEN TC TO LYNNWOOD TC
CONCEPTUAL ENGINEERING PLANS

TOTEM LAKE STATION / KINGSGATE PARK & RIDE
COMPOSITE UTILITY PLAN

DRAWING No.: B06-UCP101
LOCATION No.:
SHEET No.: 63
REV: 0

04/07/20 | 5:37 PM | DAVID.HARRIS
X:\SOUND TRANSIT\PROJECTS\20170118 - I-405 BRT & OMF\CADD\02 - PLAN SHEETS\I405-B06-UCP100.DWG

LEGEND – PROPOSED UTILITIES:

SD — UTILITY: STORM DRAIN

ALL EXISTING UTILITY INFORMATION DEPICTED AT QUALITY LEVEL D UNLESS OTHERWISE NOTED.

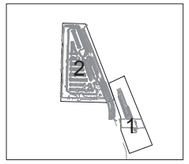
NOTES:

UTILITY QUALITY LEVEL A: PRECISE HORIZONTAL AND VERTICAL LOCATION OF UTILITIES OBTAINED BY THE ACTUAL EXPOSURE OR VERIFICATION OF PREVIOUSLY EXPOSED AND SURVEYED UTILITIES) AND SUBSEQUENT MEASUREMENT OF SUBSURFACE UTILITIES, USUALLY AT A SPECIFIC POINT. MINIMALLY INTRUSIVE EXCAVATION EQUIPMENT IS TYPICALLY USED TO MINIMIZE THE POTENTIAL FOR UTILITY DAMAGE. A PRECISE HORIZONTAL AND VERTICAL LOCATION, AS WELL AS OTHER UTILITY ATTRIBUTES, IS SHOWN ON PLAN DOCUMENTS. ACCURACY IS TYPICALLY SET TO 15–MM VERTICAL AND TO APPLICABLE HORIZONTAL SURVEY AND MAPPING ACCURACY AS DEFINED OR EXPECTED BY THE PROJECT OWNER.

UTILITY QUALITY LEVEL B: INFORMATION OBTAINED THROUGH THE APPLICATION OF APPROPRIATE SURFACE GEOPHYSICAL METHODS TO DETERMINE THE EXISTENCE AND APPROXIMATE HORIZONTAL POSITION OF SUBSURFACE UTILITIES. QUALITY LEVEL B DATA SHOULD BE REPRODUCIBLE BY SURFACE GEOPHYSICS AT ANY POINT OF THE DEPICTION. THIS INFORMATION IS SURVEYED TO APPLICABLE TOLERANCES DEFINED BY THE PROJECT AND REDUCED ONTO PLAN DOCUMENTS.

UTILITY QUALITY LEVEL C: INFORMATION OBTAINED BY SURVEYING AND PLOTTING VISIBLE ABOVE–GROUND UTILITY FEATURES AND BY USING PROFESSIONAL JUDGEMENT IN CORRELATING THIS INFORMATION TO QUALITY LEVEL D INFORMATION.

UTILITY QUALITY LEVEL D: INFORMATION DERIVED FROM EXISTING RECORDS OR ORAL RECOLLECTIONS.



LEGEND – EXISTING UTILITIES:

COMM COMCAST	UTILITY: COMM – COMCAST
COMM FRONTIER	UTILITY: COMM – FRONTIER
COMM LEVEL 3	UTILITY: COMM – LEVEL 3 COMMUNICATIONS
COMM WSDOT	UTILITY: COMM – WSDOT
COMM ZAYO	UTILITY: COMM – ZAYO
GAS PSE	UTILITY: GAS – PSE
PSE OH POWER	UTILITY: POWER – PSE OVERHEAD
PSE UG POWER	UTILITY: POWER – PSE UNDERGROUND
SS–NUD	UTILITY: SANITARY SEWER – NORTHSHORE UTILITY DISTRICT
SD–KIRKLAND	UTILITY: STORM DRAIN – KIRKLAND
SD–WSDOT	UTILITY: STORM DRAIN – WSDOT
W–NUD	UTILITY: WATER – NORTHSHORE UTILITY DISTRICT

POTENTIAL CONFLICT WITH NEW CONSTRUCTION AND KIRKLAND 12" STORM/NUD 10" WATER

NORTHSHORE UTILITY DISTRICT 10" WATER

KIRKLAND 12" STORM

BIORETENTION SWALE BY ST

POTENTIAL CONFLICT WITH NEW STORM AND NEW CONSTRUCTION WITH KIRKLAND 12" STORM

DETENTION POND BY ST

POTENTIAL CONFLICT WITH NEW STORM AND KIRKLAND 12" AND 8" STORM

CONNECT TO EXISTING DRAINAGE

KIRKLAND 12" STORM

KIRKLAND 8" STORM

DETENTION VAULT TO BE INSTALLED BY ST TO REPLACE EXISTING DETENTION VOLUME

NORTHSHORE UTILITY DISTRICT 8" SEWER

FILTERRA BY ST

COMCAST COMM

PSE POWER OH

POTENTIAL CONFLICT WITH NEW STORM AND KIRKLAND 12" STORM/NORTHSHORE UTILITY DISTRICT 8" SEWER/FRONTIER COMM

BEGIN LOWERING DRAINAGE WITHIN 116TH WAY NE

POTENTIAL CONFLICT WITH NEW STORM AND NORTHSHORE UTILITY DISTRICT 8" SEWER AND 12" WATER/ZAYO AND FRONTIER COMM/PSE 4" GAS

ZAYO COMM

PSE GAS 4"

FRONTIER COMM

116TH AVE NE

KIRKLAND 12" STORM

NORTHSHORE UTILITY DISTRICT 12" WATER

CONNECT TO EXISTING STORM WITHIN 116TH WAY NE

NE 132ND ST

FLOW CONTROL STRUCTURE

PSE GAS 4"

PSE POWER UG

POTENTIAL CONFLICT WITH NEW STORM AND NEW CONSTRUCTION WITH NORTHSHORE UTILITY DISTRICT 10" WATER/PSE GAS 4"

LEVEL 3 COMM

WSDOT STORM

MATCHLINE - SEE DWG B06-UCP101

N

40 20 0 40 80

SCALE IN FEET

04/07/20 | 5:38 PM | DAVID.HARRIS
X:\SOUND TRANSIT\PROJECTS\20170118 - I-405 BRT & OMF\CADD\02 - PLAN SHEETS\I405-B06-UCP100.DWG

No.	DATE	DSN	CHK	APP	REVISION

DESIGNED BY:
DRAWN BY:
CHECKED BY:
APPROVED BY:

PHASE 2

PERTEET
2707 COLBY AVENUE, SUITE 900
EVERETT, WA 98201
425.252.7700 | 800.615.9900

wsp

SUBMITTED BY: | DATE: | REVIEWED BY: | DATE:

LINE IS 1" AT FULL SCALE

SOUNDTRANSIT

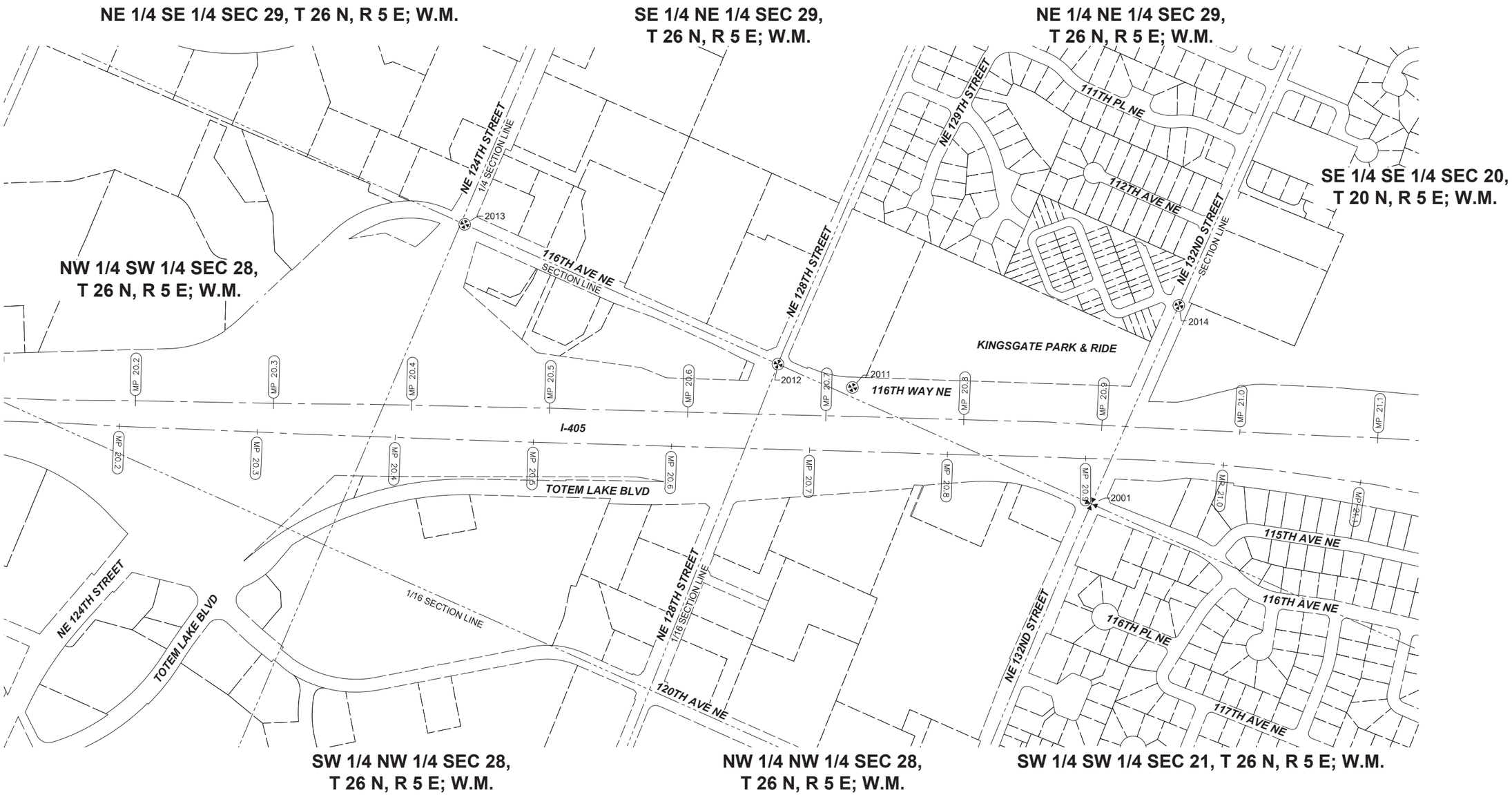
SCALE: 1" = 40'
FILENAME:
CONTRACT ID:
DATE: 4/10/2020

I-405 BRT
BURIEN TC TO LYNNWOOD TC CONCEPTUAL ENGINEERING PLANS

TOTEM LAKE STATION / KINGSGATE PARK & RIDE
COMPOSITE UTILITY PLAN
(KINGSGATE PARK & RIDE PHASE 1)

DRAWING No.: B06-UCP102A
LOCATION No.:
SHEET No.: 64
REV: 0

Xrefs:
405_BRT_MP10
xl405RX
405BRT_TB22x34



MONUMENT COORDINATE TABLE				
POINT NO.	NORTHING	EASTING	ELEVATION	DESC
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2011	263967	1307311	184	MON IN CASE
2012	263669	1307335	167	MON IN CASE
2013	262358	1307290	125	MON IN CASE
2014	265005	1306552	161	MON IN CASE

MONUMENT NOTE:
THIS SITE HAS NOT BEEN SURVEYED. THE LOCATIONS SHOWN HEREON ARE FOR INFORMATION PURPOSES ONLY. THE MONUMENT DATA WILL BE UPDATED ONCE THEY ARE FIELD LOCATED.

N

200 100 0 200 400
SCALE IN FEET

04/10/20 | 4:04 PM | LIN114
S:\1924 - ST I-405 BRT\ROW\SHEET FILES\I-405-B06-RMP101.DWG

No.	DATE	DSN	CHK	APP	REVISION

DESIGNED BY: P. FRANK
DRAWN BY: A. ALIMOVA
CHECKED BY: J. BECKER
APPROVED BY: J. BECKER

PHASE 2

L & A
LIN & ASSOCIATES, INC.
Consulting Engineers

wsp

LINE IS 1" AT FULL SCALE

SOUNDTRANSIT

SUBMITTED BY:
DATE: 03/27/2020
REVIEWED BY:
DATE: 03/27/2020

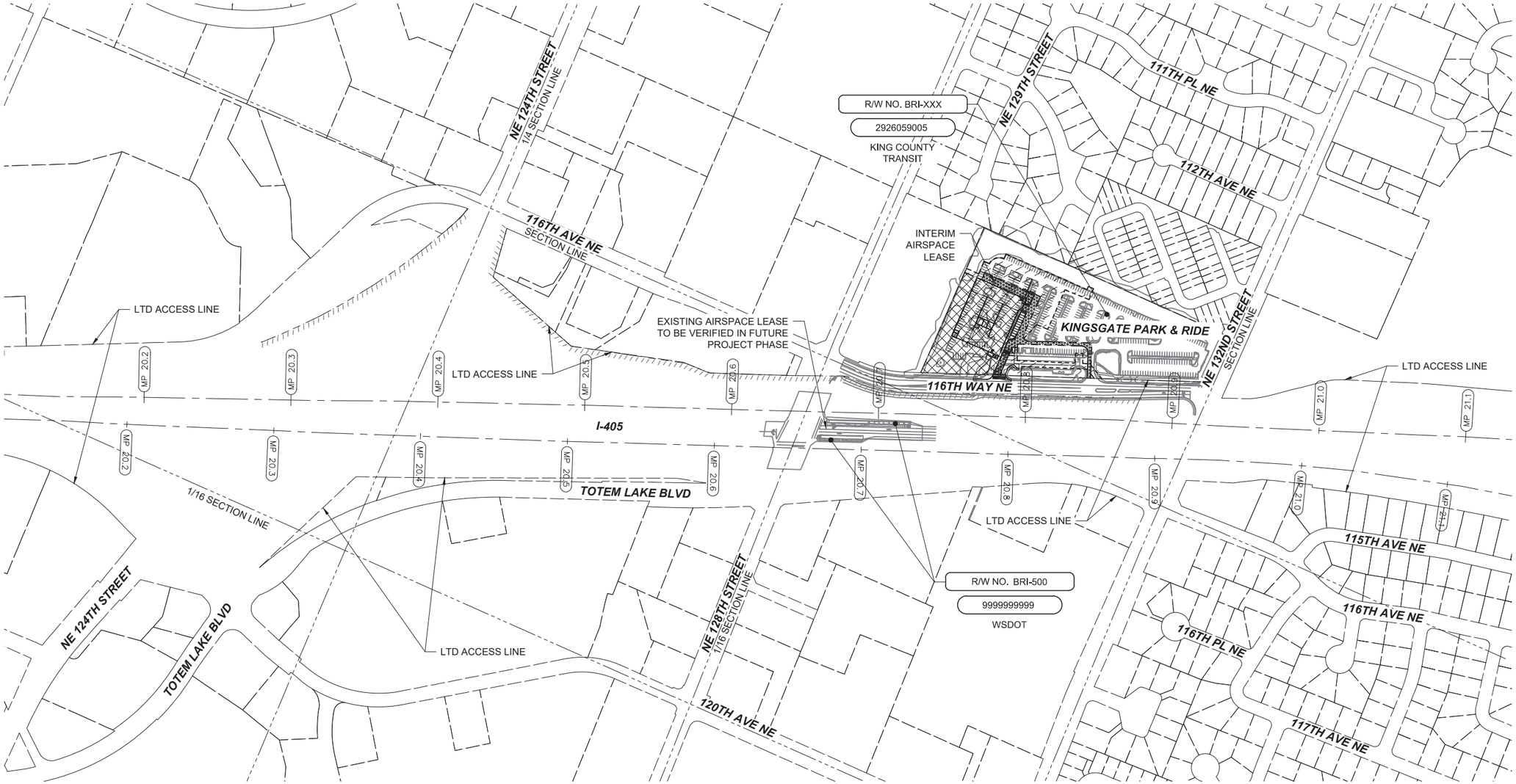
SCALE: 1"=200'
FILENAME: I-405-B06-RMP101
CONTRACT ID:
DATE: 03/27/2020

I-405 BRT
BURIEN TC TO LYNNWOOD TC
CONCEPTUAL ENGINEERING PLANS
TOTEM LAKE STATION / KINGS GATE PARK & RIDE
RIGHT-OF-WAY MONUMENTATIONPLAN (PHASE 1 & 2)

DRAWING No.: B06-RMP101
LOCATION No.:
SHEET No.: 64
REV:

Xrefs:
405_BRT_MP10
xl405RX
xl405SF
405BRT_TB22x34
xl405-B06-CPP100
xl405-B06-RPP100
I-405_BRT_Kings_Gate_L/_SF
xl405-B10-CEP001

NE 1/4 NE 1/4 SEC 29, T 26 N, R 5 E; W.M.



LEGEND

- MP XX — WSDOT MILE POST
- WSDOT LIMITED ACCESS
- PROPERTY LINE
- FEE TAKE
- TEMPORARY CONSTRUCTION EASEMENT
- WSDOT ASL

N

200 100 0 200 400
SCALE IN FEET

SOUND TRANSIT R/W NO.		PARCEL NO. (TAX ACCOUNT NO.)	OWNERS	PARCEL AREA SQ. FT.	FEE TAKE SQ. FT.	REMAINDER SQ. FT.	GUIDEWAY/ PERMANENT ESMT SQ. FT.	TEMPORARY CONSTRUCTION ESMT SQ. FT.	KING CO. RECORDING NO.
1	BRI-XXX	2926059005	KING COUNTY TRANSIT	358,934	83,282	275,652	19,249	48,629	
2	BRI-500	9999999999	WSDOT						

No.	DATE	DSN	CHK	APP	REVISION

DESIGNED BY: P. FRANK
DRAWN BY: A. ALIMOVA
CHECKED BY: J. BECKER
APPROVED BY: J. BECKER

PHASE 2

L & A — LIN & ASSOCIATES, INC. Consulting Engineers

wsp

LINE IS 1" AT FULL SCALE

SOUNDTRANSIT

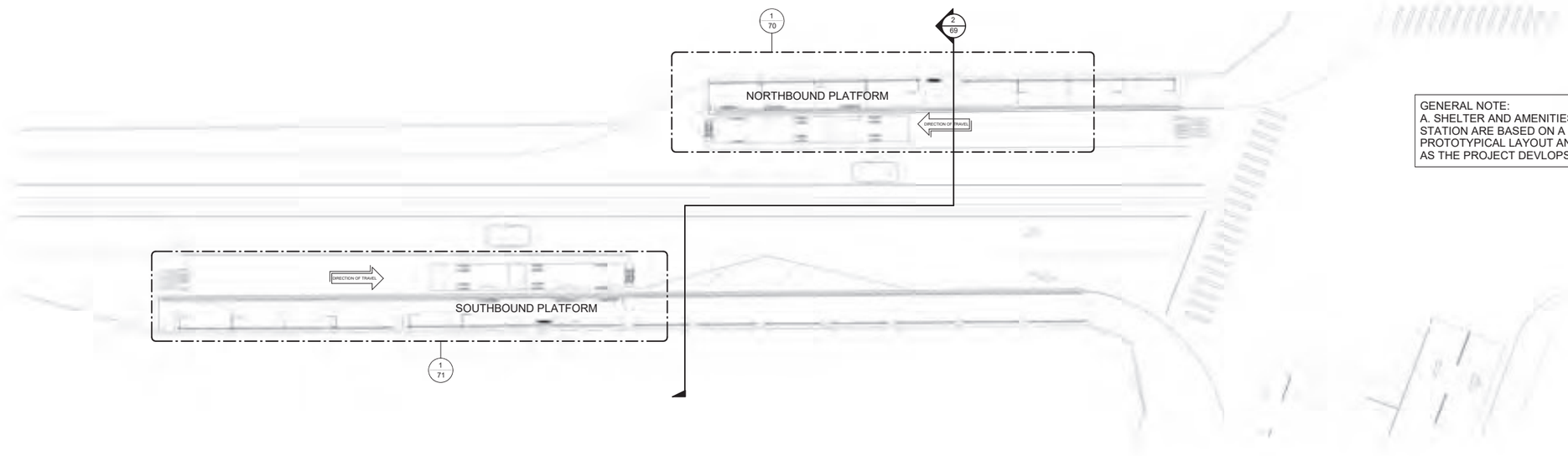
SUBMITTED BY:
DATE: 03/27/2020
REVIEWED BY:
DATE: 03/27/2020

SCALE: 1"=200'
FILENAME: I-405-B06-RPP101A
CONTRACT ID:
DATE: 03/27/2020

I-405 BRT
BURIEN TC TO LYNNWOOD TC
CONCEPTUAL ENGINEERING PLANS
TOTEM LAKE STATION / KINGS GATE PARK AND RIDE
RIGHT-OF-WAY PLAN (PHASE 1)

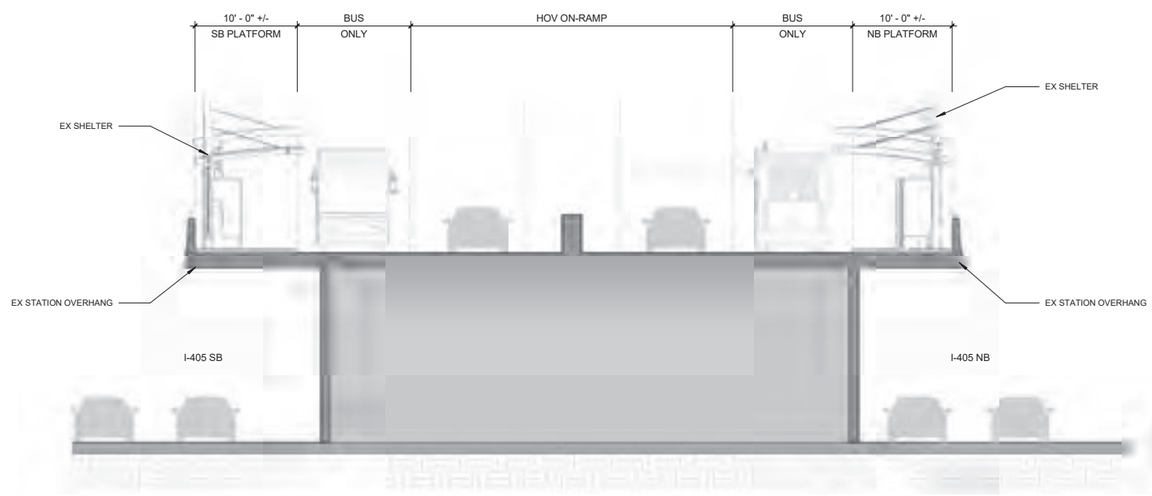
DRAWING No.: B06-RPP101A
LOCATION No.:
SHEET No.: 67
REV:

03/27/20 | 2:05 PM | LIN94
S:\1924 - ST I-405 BRT\ROWSHEET FILES\ARCHIVE\20200327 IDR REVISIONS\I-405-B06-RPP101A.DWG



GENERAL NOTE:
A. SHELTER AND AMENITIES AT EACH STATION ARE BASED ON A PROTOTYPICAL LAYOUT AND MAY VARY AS THE PROJECT DEVLOPS.

1 TOTEM LAKE SITE PLAN
1" = 20'-0"



2 TOTEM LAKE SECTION DIAGRAM
1/8" = 1'-0"

No.	DATE	DSN	CHK	APP	REVISION
1	-				-

DESIGNED BY: --
DRAWN BY: BW/CD/JSP
CHECKED BY: KGT
APPROVED BY:

PHASE 2

wsp

PIVOT

LINE IS 1" AT FULL SCALE

SOUNDTRANSIT

SUBMITTED BY: | DATE: | REVIEWED BY: | DATE:

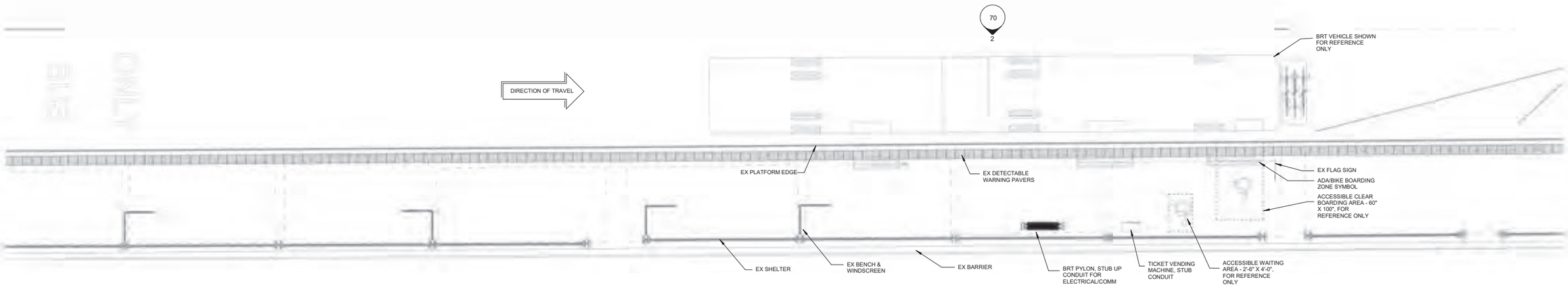
SCALE: AS NOTED
FILENAME:
CONTRACT ID:
DATE: 04/10/2020

I-405 BRT
BURIEN TC TO LYNNWOOD TC CONCEPTUAL ENGINEERING PLANS
TOTEM LAKE/KINGSGATE PLATFORM PLANS

DRAWING No.: B06-ASP101
LOCATION No.:
SHEET No.: 69
REV:

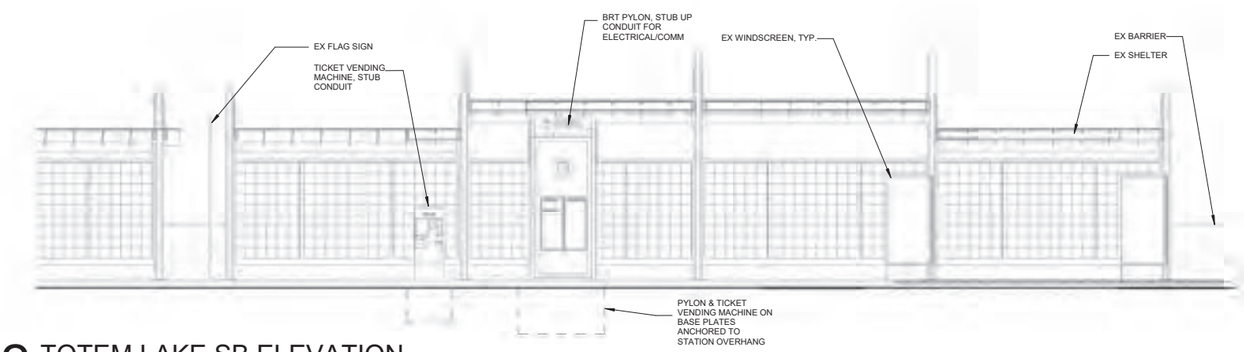
PRINTED ON: 4/10/2020 9:26:59 AM FROM FILE: C:\Pivot_Architecture\Revit_2018\1813_I405 Typical Platforms_R18_bwardle.rvt

GENERAL NOTE:
A. SHELTER AND AMENITIES AT EACH STATION ARE BASED ON A PROTOTYPICAL LAYOUT AND MAY VARY AS THE PROJECT DEVLOPS.



1 TOTEM LAKE SB PLATFORM PLAN
3/16" = 1'-0"

3 TOTEM LAKE SOUTHBOUND



2 TOTEM LAKE SB ELEVATION
3/16" = 1'-0"

No.	DATE	DSN	CHK	APP	REVISION
1	-				-

DESIGNED BY: --
DRAWN BY: BW/CD/JSP
CHECKED BY: KGT
APPROVED BY:

PHASE 2

wsp

PIVOT

LINE IS 1" AT FULL SCALE

SOUNDTRANSIT

SUBMITTED BY: | DATE: | REVIEWED BY: | DATE:

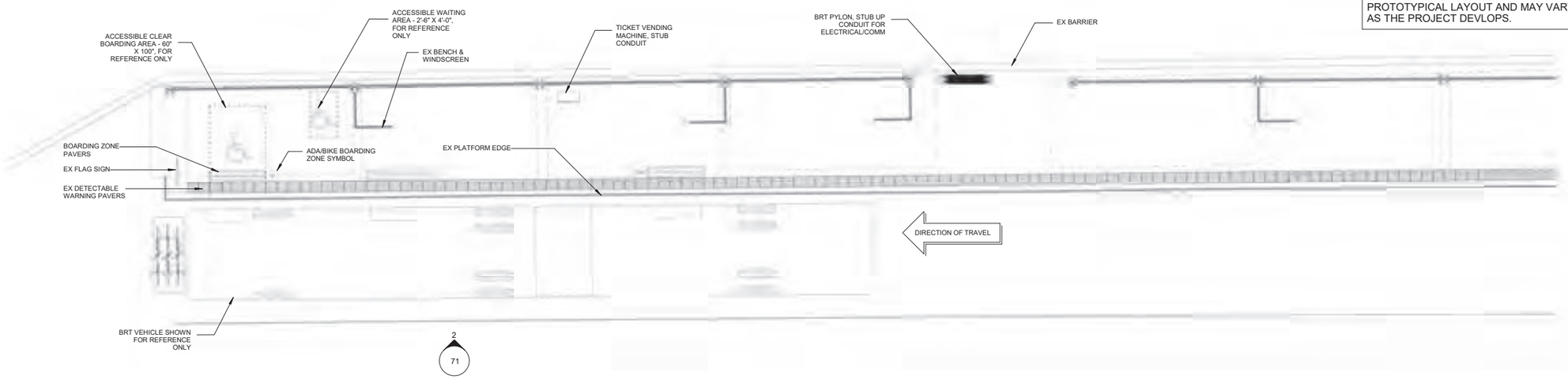
SCALE: AS NOTED
FILENAME:
CONTRACT ID:
DATE: 04/10/2020

I-405 BRT
BURIEN TC TO LYNNWOOD TC CONCEPTUAL ENGINEERING PLANS
TOTEM LAKE/KINGSGATE PLATFORM PLANS

DRAWING No.: B06-ASP102
LOCATION No.:
SHEET No.: 70
REV:

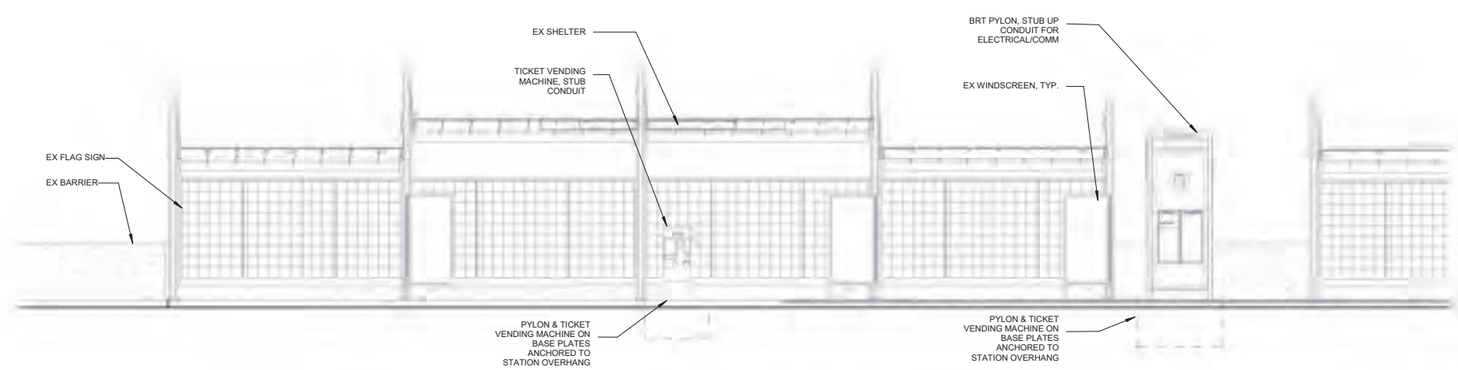
PRINTED ON: 4/10/2020 9:28:37 AM FROM FILE: C:\Pivot_Architecture\Revit_20181813_I405 Typical Platforms_R18_bwardle.rvt

GENERAL NOTE:
A. SHELTER AND AMENITIES AT EACH STATION ARE BASED ON A PROTOTYPICAL LAYOUT AND MAY VARY AS THE PROJECT DEVLOPS.



1 TOTEM LAKE NB PLATFORM PLAN
3/16" = 1'-0"

3 TOTEM LAKE NORTHBOUND



2 TOTEM LAKE NB ELEVATION
3/16" = 1'-0"

No.	DATE	DSN	CHK	APP	REVISION
1	-				-

DESIGNED BY: --
DRAWN BY: BW/CD/JSP
CHECKED BY: KGT
APPROVED BY:

PHASE 2

WSP

PIVOT

LINE IS 1" AT FULL SCALE

SOUNDTRANSIT

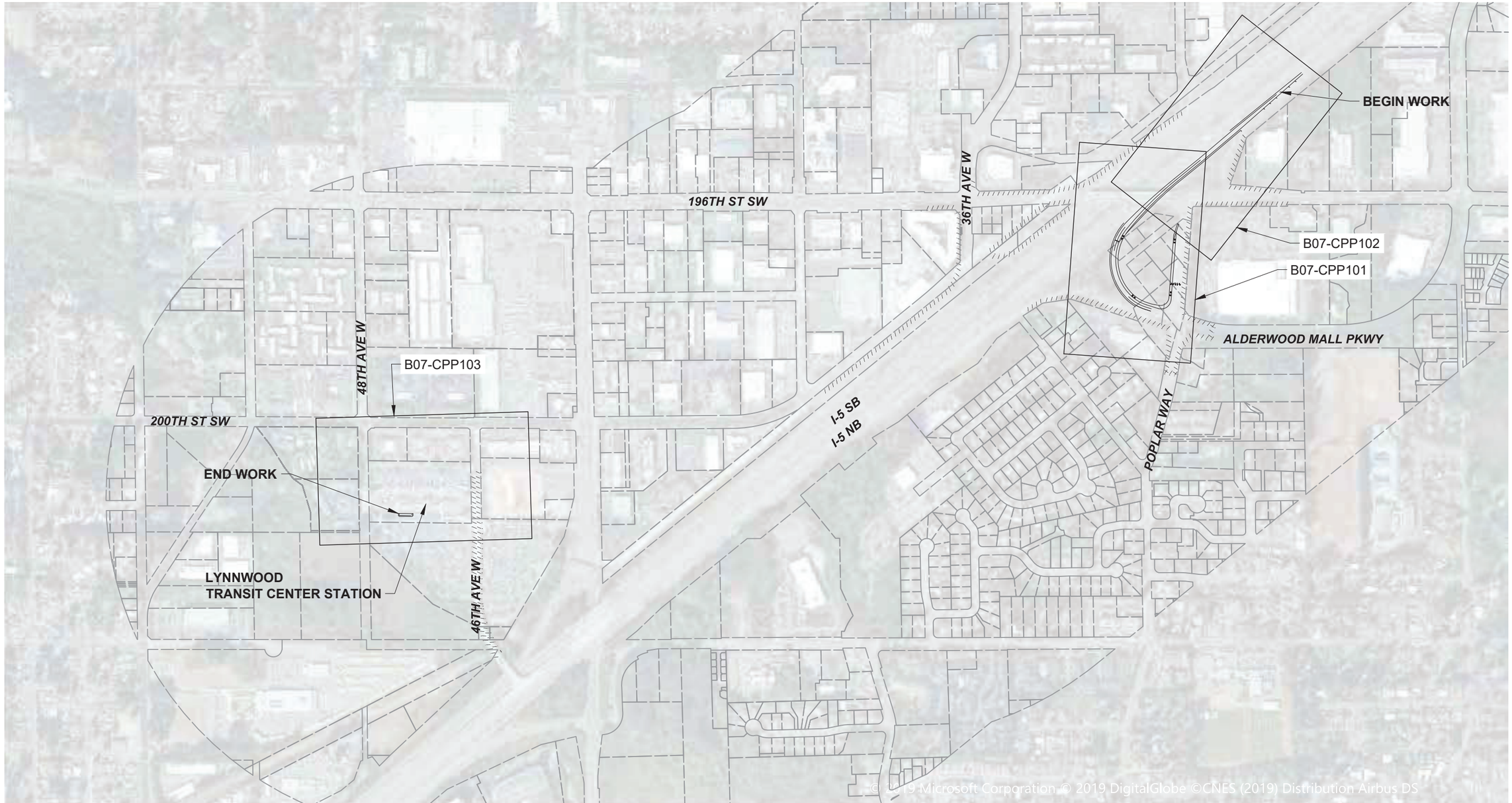
SUBMITTED BY: | DATE: | REVIEWED BY: | DATE:

SCALE: AS NOTED
FILENAME:
CONTRACT ID:
DATE: 04/10/2020

I-405 BRT
BURIEN TC TO LYNNWOOD TC CONCEPTUAL ENGINEERING PLANS
TOTEM LAKE/KINGSGATE PLATFORM PLANS

DRAWING No.: B06-ASP103
LOCATION No.:
SHEET No.: 71
REV:

PRINTED ON: 4/10/2020 10:55:19 AM FROM FILE: C:\Pivot_Architecture\Revit_20181813_I405 Typical Platforms_R18_bwardle.rvt



N

300 150 0 300 600

SCALE IN FEET

No.	DATE	DSN	CHK	APP	REVISION

DESIGNED BY:
DRAWN BY:
CHECKED BY:
APPROVED BY:

PHASE 2

wsp

SUBMITTED BY: DATE: REVIEWED BY: DATE:

LINE IS 1" AT FULL SCALE

SOUNDTRANSIT

SCALE: 1" = 5000'
FILENAME: I405-B07-GZK100
CONTRACT ID:
DATE: 4/10/2020

I-405 BRT
BURIEN TC TO LYNNWOOD TC CONCEPTUAL ENGINEERING PLANS

LYNNWOOD
KEY MAP / SUMMARY OF IMPROVEMENTS

DRAWING No.: B07-GZK100
LOCATION No.:
SHEET No.: 72
REV: 0

04/10/20 | 9:32 AM | USCS678695
J:\160363P_ST_I405-BRT\CADD\SHT\I405-B07-GZK100.DWG

PROPERTY LINE, TYP

WSDOT LIMITED ACCESS
SOURCE: AS-BUILT

CABS

DETENTION POND

DETENTION POND
ACCESS ROAD

I-5 NB

A
-

100'

NB 1-5 RAMP

MERGE/TRANSITION CURVE

196TH ST SW

BRIDGE #0007134B

I-5 NB OFFRAMP

EXISTING
GUARDRAIL

NEW RAMP
METER MAST ARM

END BUS ON SHOULDER
BEGIN BUS LANE

14.0'
8.0'
14.0'
14.0'

8.0'

EXISTING
CELL TOWER

EXISTING
RETAINING WALL

EXISTING
POWER POLE

CABS

18.1'
21.4'

14.0'
14.0'

POPLAR WAY

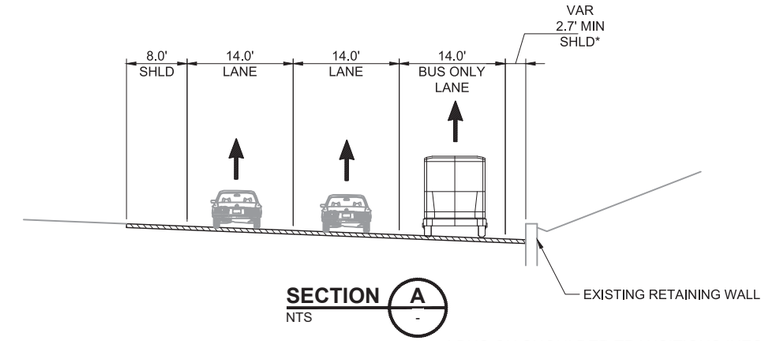
BEGIN BUS ON
SHOULDER

ALDERWOOD
MALL PKWY

WSDOT LIMITED ACCESS
SOURCE: AS-BUILT

LINE WORK FOR BRIDGE IS PER
POPLAR BRIDGE DESIGN, NOT SURVEY

MATCHLINE - SEE SHEET B07-CPP102



* BUS ON SHOULDER TRANSITIONS INTO
BUS LANE AT THIS LOCATION.

N

40 20 0 40 80
SCALE IN FEET

No.	DATE	DSN	CHK	APP	REVISION

DESIGNED BY:
DRAWN BY:
CHECKED BY:
APPROVED BY:

PHASE 2

wsp

SUBMITTED BY: | DATE: | REVIEWED BY: | DATE:

LINE IS 1" AT FULL SCALE

SOUNDTRANSIT

SCALE: 1" = 40'
FILENAME: I405-B07-CPP100
CONTRACT ID:
DATE: 4/10/2020

I-405 BRT
BURIEN TC TO LYNNWOOD TC
CONCEPTUAL ENGINEERING PLANS

LYNNWOOD
CIVIL PLANS

DRAWING No.: B07-CPP101
LOCATION No.:
SHEET No.: 73
REV: 0

04/10/20 | 9:34 AM | USCS678695
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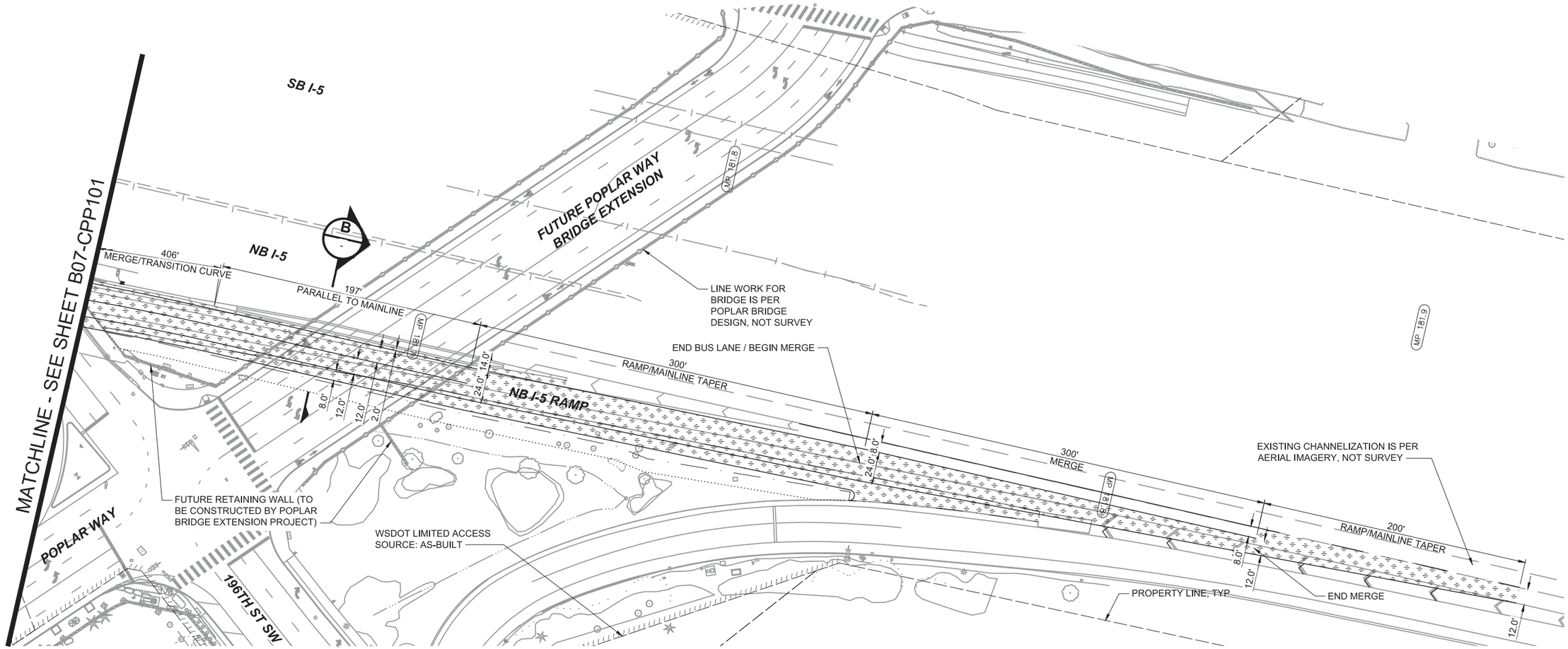
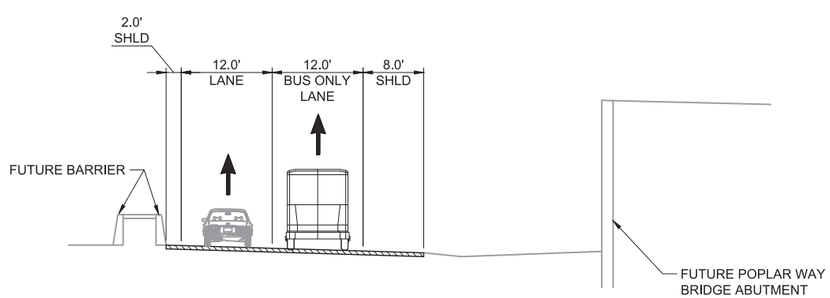
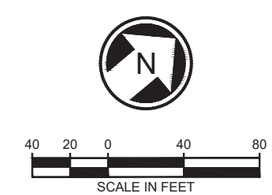




SECTION B
NTS



No.	DATE	DSN	CHK	APP	REVISION

DESIGNED BY:
DRAWN BY:
CHECKED BY:
APPROVED BY:

PHASE 2

wsp

SUBMITTED BY: | DATE: | REVIEWED BY: | DATE:

LINE IS 1" AT FULL SCALE

SOUNDTRANSIT

SCALE: 1" = 40'
FILENAME: I405-B07-CPP100
CONTRACT ID:
DATE: 4/10/2020

I-405 BRT
BURIEN TC TO LYNNWOOD TC CONCEPTUAL ENGINEERING PLANS

LYNNWOOD
CIVIL PLANS

DRAWING No.: B07-CPP101
LOCATION No.:
SHEET No.: 73
REV: 0

04/10/20 | 9:34 AM | USCS678695
J:\160363P_ST_I405-BRT\CADD\SHT\I405-B07-CPP100.DWG

200TH ST SW

48TH AVE W

46TH AVE W

SIGNAL (OWNED BY CITY OF LYNNWOOD) TO BE MODIFIED WITH TSP

PROPERTY LINE, TYP

INTERSECTION & APPROACH LAYOUT CURRENTLY SHOWN IS PER MOST RECENT LYNNWOOD LINK DESIGN. THIS DESIGN WILL BE MODIFIED TO SHOW TWO NB/SB LANES ON NORTH APPROACH, AND EAST/WEST STOP CONTROL.

DROP OFF STATION TO REMAIN 6" HIGH

EXISTING LINEWORK WITHIN LYNNWOOD TC IS PER AERIAL SURVEY. ALL OTHER EXISTING LINEWORK IS PER LYNNWOOD LINK STATION DESIGN

INTERSECTION LAYOUT CURRENTLY SHOWN IS PER MOST RECENT LYNNWOOD LINK DESIGN. THIS DESIGN WILL BE MODIFIED TO SHOW NEW TRAFFIC SIGNAL & CROSSWALKS HERE.

LYNNWOOD TRANSIT CENTER

BUS BAY D1 TO BE CONVERTED TO LAYOVER

5.0' 77.0' 6.0'

5.0' 12.0'

FUTURE LYNWOOD LINK LIGHT RAIL STATION

WSDOT LIMITED ACCESS. SOURCE: LYNNWOOD LINK PLANS

STRIDE PICKUP PLATFORM & APPROX. REGRADING EXTENTS SEE DRAWING B07-ASP101

N

40 20 0 40 80

SCALE IN FEET

No.	DATE	DSN	CHK	APP	REVISION

DESIGNED BY:

DRAWN BY:

CHECKED BY:

APPROVED BY:

PHASE 2

wsp

SUBMITTED BY: DATE: REVIEWED BY: DATE:

LINE IS 1" AT FULL SCALE

SOUNDTRANSIT

SCALE: 1" = 40'

FILENAME: I405-B07-CPP100

CONTRACT ID:

DATE: 4/10/2020

I-405 BRT
BURIEN TC TO LYNNWOOD TC CONCEPTUAL ENGINEERING PLANS

LYNNWOOD
CIVIL PLANS

DRAWING No.: B07-CPP102

LOCATION No.:

SHEET No.: 74 REV: 0

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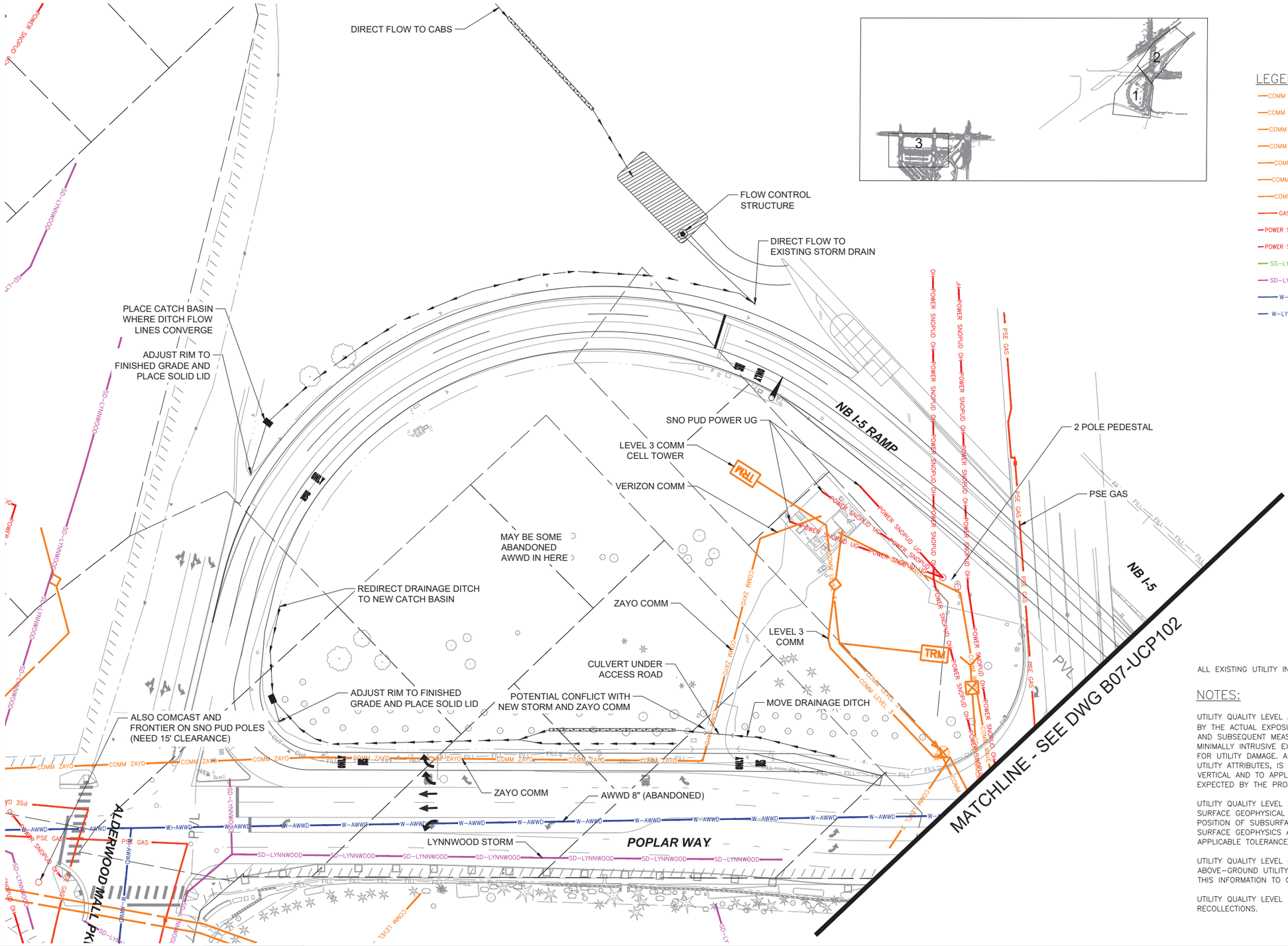


LEGEND – EXISTING UTILITIES:

COMM COMCAST	UTILITY: COMM – COMCAST
COMM FRONTIER	UTILITY: COMM – FRONTIER
COMM LEVEL 3	UTILITY: COMM – LEVEL 3 COMMUNICATIONS
COMM VERIZON	UTILITY: COMM – VERIZON
COMM WAVE	UTILITY: COMM – WAVE
COMM WSDOT	UTILITY: COMM – WSDOT
COMM ZAYO	UTILITY: COMM – ZAYO
GAS PSE	UTILITY: GAS – PSE
POWER SNOPUD OH	UTILITY: POWER – SNOPUD OVERHEAD
POWER SNOPUD UG	UTILITY: POWER – SNOPUD UNDERGROUND
SS–LYNNWOOD	UTILITY: SANITARY SEWER – LYNNWOOD
SD–LYNNWOOD	UTILITY: STORM DRAIN – LYNNWOOD
W–AWWD	UTILITY: WATER – AWWD
W–LYNNWOOD	UTILITY: WATER – LYNNWOOD

ALL EXISTING UTILITY INFORMATION DEPICTED AT QUALITY LEVEL D UNLESS OTHERWISE NOTED.

NOTES:

UTILITY QUALITY LEVEL A: PRECISE HORIZONTAL AND VERTICAL LOCATION OF UTILITIES OBTAINED BY THE ACTUAL EXPOSURE OR VERIFICATION OF PREVIOUSLY EXPOSED AND SURVEYED UTILITIES) AND SUBSEQUENT MEASUREMENT OF SUBSURFACE UTILITIES, USUALLY AT A SPECIFIC POINT. MINIMALLY INTRUSIVE EXCAVATION EQUIPMENT IS TYPICALLY USED TO MINIMIZE THE POTENTIAL FOR UTILITY DAMAGE. A PRECISE HORIZONTAL AND VERTICAL LOCATION, AS WELL AS OTHER UTILITY ATTRIBUTES, IS SHOWN ON PLAN DOCUMENTS. ACCURACY IS TYPICALLY SET TO 15–MM VERTICAL AND TO APPLICABLE HORIZONTAL SURVEY AND MAPPING ACCURACY AS DEFINED OR EXPECTED BY THE PROJECT OWNER.

UTILITY QUALITY LEVEL B: INFORMATION OBTAINED THROUGH THE APPLICATION OF APPROPRIATE SURFACE GEOPHYSICAL METHODS TO DETERMINE THE EXISTENCE AND APPROXIMATE HORIZONTAL POSITION OF SUBSURFACE UTILITIES. QUALITY LEVEL B DATA SHOULD BE REPRODUCIBLE BY SURFACE GEOPHYSICS AT ANY POINT OF THE DEPICTION. THIS INFORMATION IS SURVEYED TO APPLICABLE TOLERANCES DEFINED BY THE PROJECT AND REDUCED ONTO PLAN DOCUMENTS.

UTILITY QUALITY LEVEL C: INFORMATION OBTAINED BY SURVEYING AND PLOTTING VISIBLE ABOVE–GROUND UTILITY FEATURES AND BY USING PROFESSIONAL JUDGEMENT IN CORRELATING THIS INFORMATION TO QUALITY LEVEL D INFORMATION.

UTILITY QUALITY LEVEL D: INFORMATION DERIVED FROM EXISTING RECORDS OR ORAL RECOLLECTIONS.

No.	DATE	DSN	CHK	APP	REVISION

DESIGNED BY:
DRAWN BY:
CHECKED BY:
APPROVED BY:

PHASE 2

PERTEET
2707 COLBY AVENUE, SUITE 900
EVERETT, WA 98201
425.252.7700 | 800.615.9900

wsp

SUBMITTED BY: | DATE: | REVIEWED BY: | DATE:

LINE IS 1" AT FULL SCALE

SOUNDTRANSIT

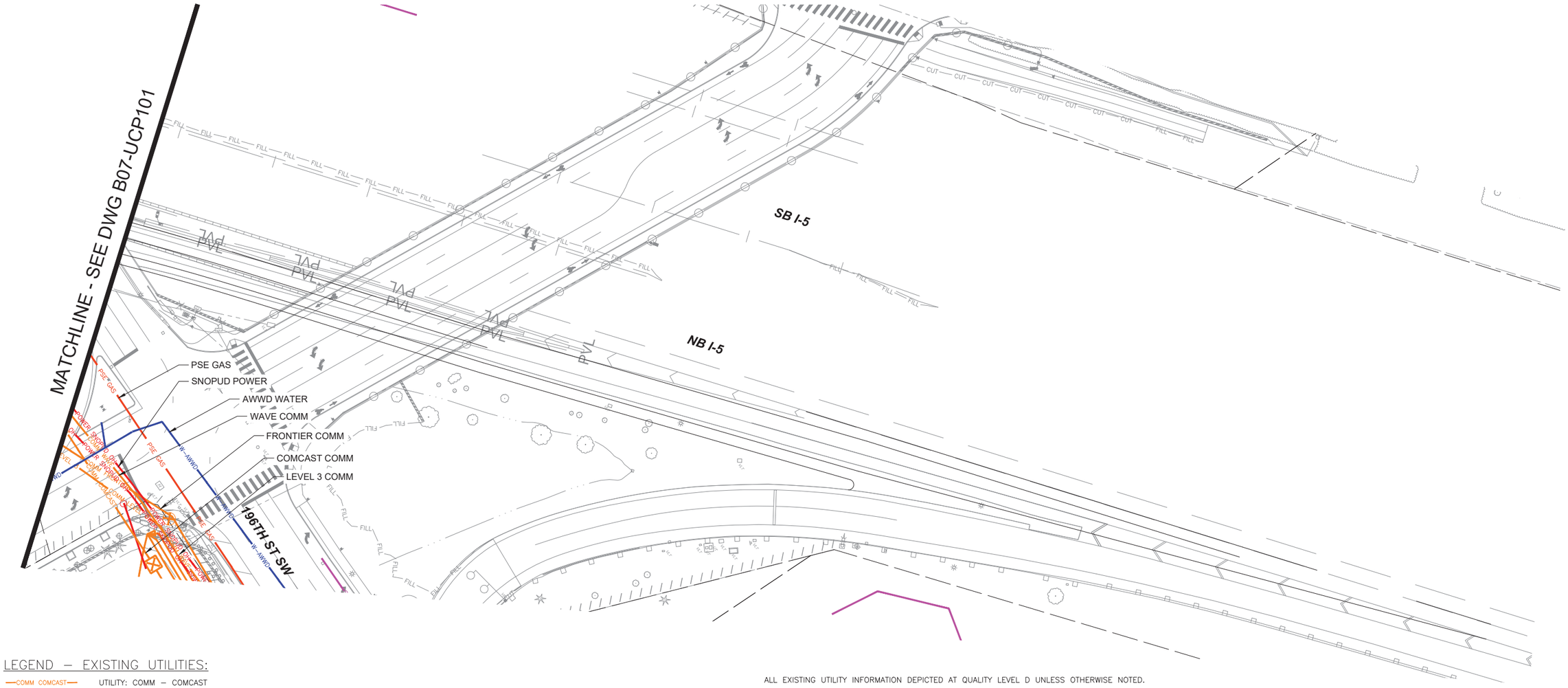
SCALE: 1" = 40'
FILENAME:
CONTRACT ID:
DATE: 4/10/2020

I-405 BRT
BURIEN TC TO LYNNWOOD TC CONCEPTUAL ENGINEERING PLANS

LYNNWOOD
COMPOSITE UTILITY PLAN

DRAWING No.: B07-UCP101
LOCATION No.:
SHEET No.: 76
REV: 0

04/07/20 | 5:43 PM | DAVID.HARRIS
X:\SOUND TRANSIT\PROJECTS\20170118 - I-405 BRT & OMF\CADD\02 - PLAN SHEETS\405-B07-UCP100.DWG



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COMM LEVEL 3	UTILITY: COMM – LEVEL 3 COMMUNICATIONS
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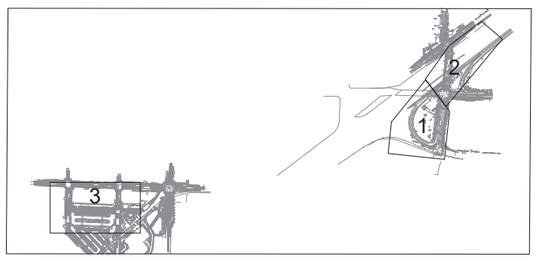
W–LYNNWOOD	UTILITY: WATER – LYNNWOOD



ALL EXISTING UTILITY INFORMATION DEPICTED AT QUALITY LEVEL D UNLESS OTHERWISE NOTED.

NOTES:

UTILITY QUALITY LEVEL A: PRECISE HORIZONTAL AND VERTICAL LOCATION OF UTILITIES OBTAINED BY THE ACTUAL EXPOSURE OR VERIFICATION OF PREVIOUSLY EXPOSED AND SURVEYED UTILITIES) AND SUBSEQUENT MEASUREMENT OF SUBSURFACE UTILITIES, USUALLY AT A SPECIFIC POINT. MINIMALLY INTRUSIVE EXCAVATION EQUIPMENT IS TYPICALLY USED TO MINIMIZE THE POTENTIAL FOR UTILITY DAMAGE. A PRECISE HORIZONTAL AND VERTICAL LOCATION, AS WELL AS OTHER UTILITY ATTRIBUTES, IS SHOWN ON PLAN DOCUMENTS. ACCURACY IS TYPICALLY SET TO 15–MM VERTICAL AND TO APPLICABLE HORIZONTAL SURVEY AND MAPPING ACCURACY AS DEFINED OR EXPECTED BY THE PROJECT OWNER.

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UTILITY QUALITY LEVEL D: INFORMATION DERIVED FROM EXISTING RECORDS OR ORAL RECOLLECTIONS.

N

40 20 0 40 80
SCALE IN FEET

No.	DATE	DSN	CHK	APP	REVISION

DESIGNED BY:
DRAWN BY:
CHECKED BY:
APPROVED BY:

PHASE 2

PERTEET
2707 COLBY AVENUE, SUITE 900
EVERETT, WA 98201
425.252.7700 | 800.615.9900

wsp

SUBMITTED BY: | DATE: | REVIEWED BY: | DATE:

LINE IS 1" AT FULL SCALE

SOUNDTRANSIT

SCALE: 1" = 40'
FILENAME:
CONTRACT ID:
DATE: 4/10/2020

I-405 BRT
BURIEN TC TO LYNNWOOD TC CONCEPTUAL ENGINEERING PLANS

LYNNWOOD
COMPOSITE UTILITY PLAN

DRAWING No.: B07-UCP103
LOCATION No.:
SHEET No.: 78
REV: 0

04/07/20 | 5:44 PM | DAVID.HARRIS
X:\SOUND TRANSIT\PROJECTS\20170118 - I-405 BRT & OMF\CADD\02 - PLAN SHEETS\I405-B07-UCP100.DWG

LEGEND – EXISTING UTILITIES:

COMM COMCAST	UTILITY: COMM – COMCAST
COMM FRONTIER	UTILITY: COMM – FRONTIER
COMM LEVEL 3	UTILITY: COMM – LEVEL 3 COMMUNICATIONS
COMM VERIZON	UTILITY: COMM – VERIZON
COMM WAVE	UTILITY: COMM – WAVE
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COMM ZAYO	UTILITY: COMM – ZAYO
GAS PSE	UTILITY: GAS – PSE
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SD-LYNNWOOD	UTILITY: STORM DRAIN – LYNNWOOD
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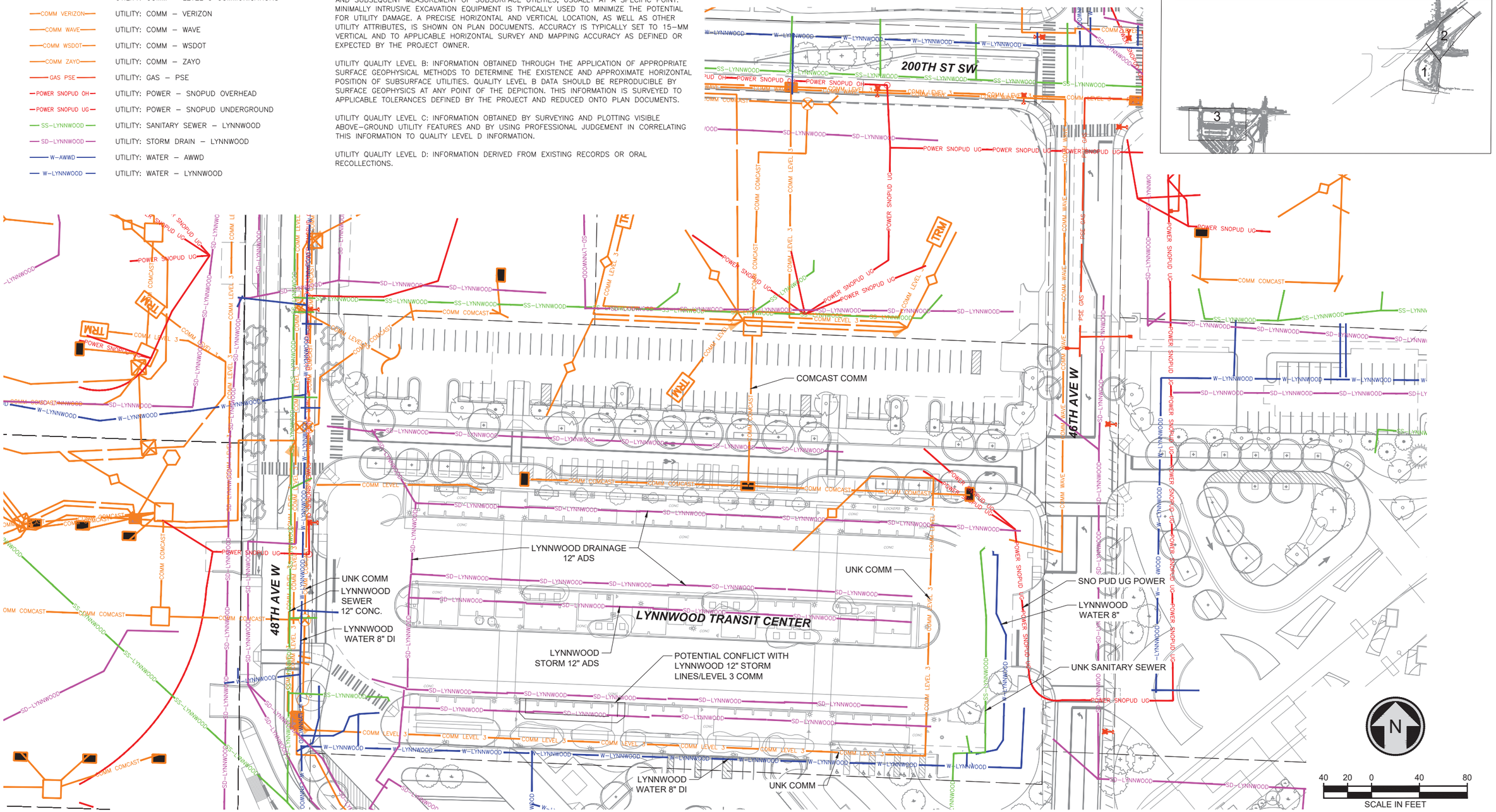
UTILITY QUALITY LEVEL C: INFORMATION OBTAINED BY SURVEYING AND PLOTTING VISIBLE ABOVE–GROUND UTILITY FEATURES AND BY USING PROFESSIONAL JUDGEMENT IN CORRELATING THIS INFORMATION TO QUALITY LEVEL D INFORMATION.

UTILITY QUALITY LEVEL D: INFORMATION DERIVED FROM EXISTING RECORDS OR ORAL RECOLLECTIONS.



No.	DATE	DSN	CHK	APP	REVISION

DESIGNED BY:
DRAWN BY:
CHECKED BY:
APPROVED BY:

PHASE 2

PERTEET
2707 COLBY AVENUE, SUITE 900
EVERETT, WA 98201
425.252.7700 | 800.615.9900

wsp

LINE IS 1" AT FULL SCALE

SOUNDTRANSIT

SUBMITTED BY: DATE: REVIEWED BY: DATE:

SCALE: 1" = 40'
FILENAME:
CONTRACT ID:
DATE: 4/10/2020

I-405 BRT
BURIEN TC TO LYNNWOOD TC CONCEPTUAL ENGINEERING PLANS

LYNNWOOD
COMPOSITE UTILITY PLAN

DRAWING No.: B07-UCP101
LOCATION No.:
SHEET No.: 76
REV: 0

04/07/20 | 5:46 PM | DAVID.HARRIS
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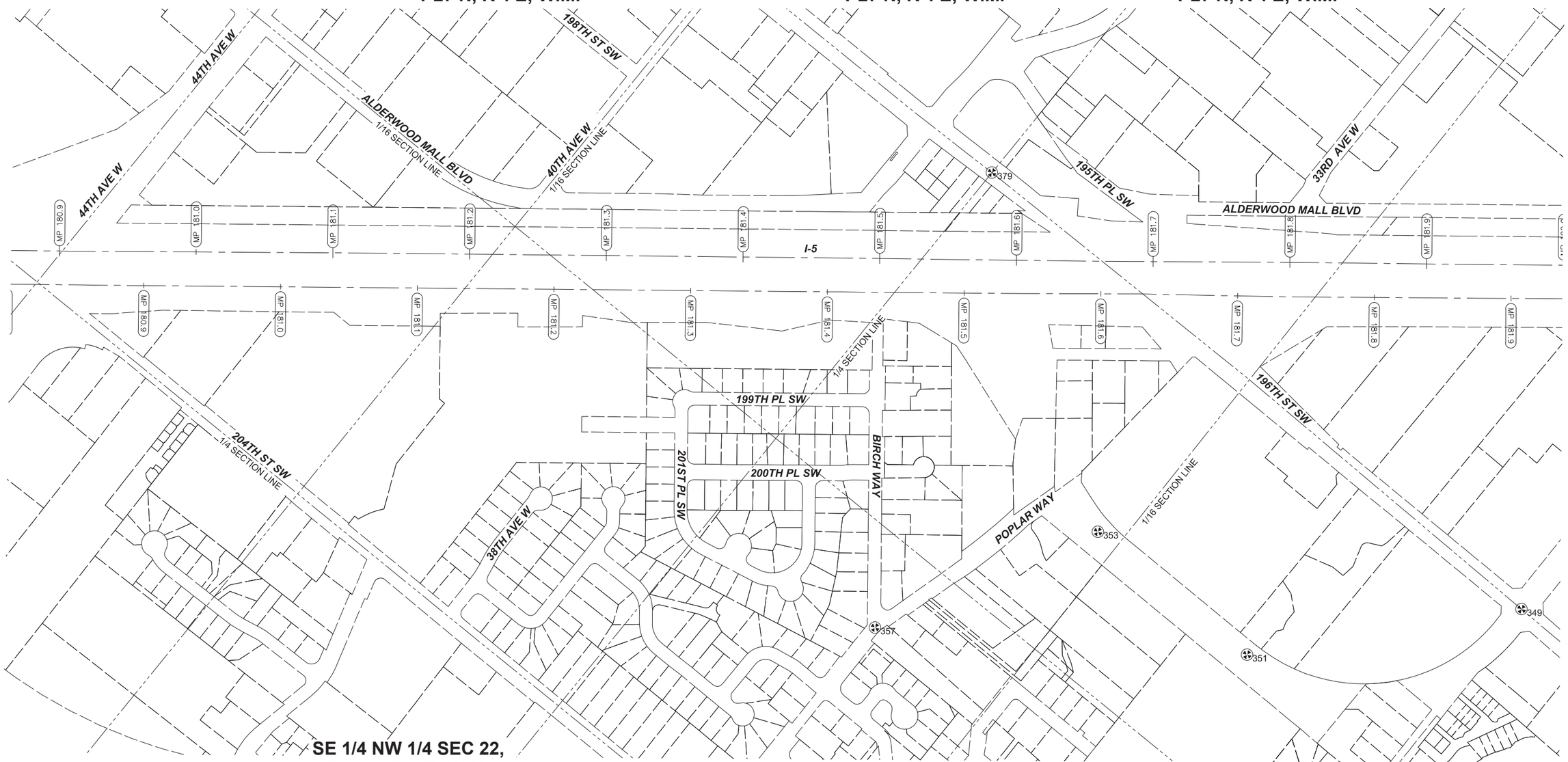

MONUMENT COORDINATE TABLE

POINT NO.	NORTHING	EASTING	ELEVATION	DESC
349	302726.52	1287250.99	359.18	MON IN CASE
351	301937.31	1286521.47	353.34	MON IN CASE
353	301958.92	1285775.42	395.22	MON IN CASE
357	301138.79	1285322.85	405.36	MON IN CASE
379	302803.08	1284601.37	413.83	MON IN CASE

No.	DATE	DSN	CHK	APP	REVISION

DESIGNED BY: P. FRANK
DRAWN BY: A. ALIMOVA
CHECKED BY: J. BECKER
APPROVED BY: J. BECKER

PHASE 2

L & A — LIN & ASSOCIATES, INC. Consulting Engineers

wsp

LINE IS 1" AT FULL SCALE

SOUNDTRANSIT

SUBMITTED BY:
DATE: 03/27/2020
REVIEWED BY:
DATE: 03/27/2020

SCALE: 1"=200'
FILENAME: I-405-B07-RMP101
CONTRACT ID:
DATE: 03/27/2020

I-405 BRT
BURIEN TC TO LYNNWOOD TC
CONCEPTUAL ENGINEERING PLANS

LYNNWOOD RIGHT-OF-WAY MONUMENTATION PLAN

DRAWING No.: B07-RMP101
LOCATION No.:
SHEET No.: 79
REV:

04/10/20 | 3:56 PM | LIN114
S:\1924 - ST I-405 BRT\ROW\SHEET FILES\I-405-B07-RMP101.DWG

Xrefs:
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xl405RX
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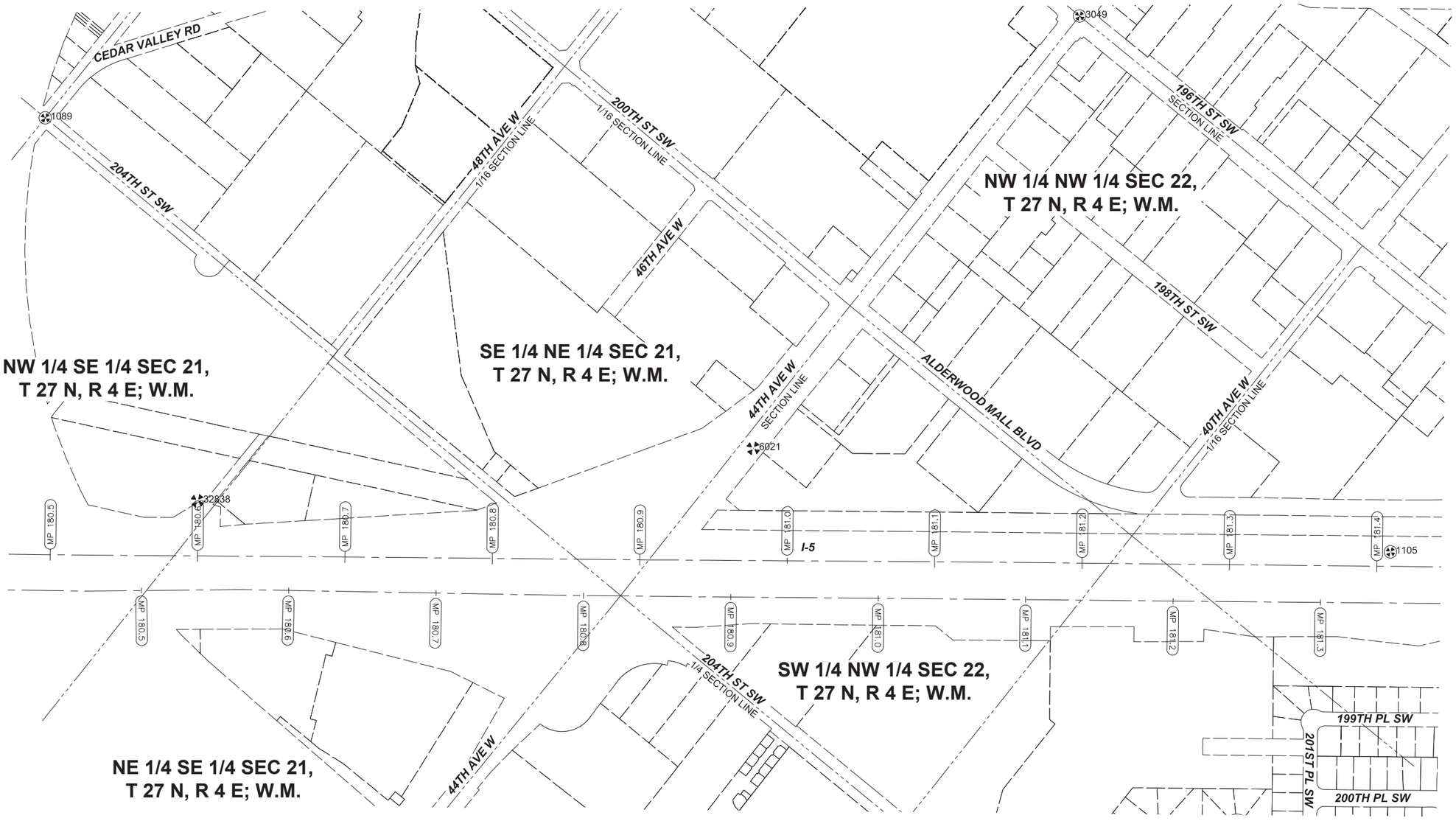

MONUMENT COORDINATE TABLE

POINT NO.	NORTHING	EASTING	ELEVATION	DESC
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3049	302858.84	1281992.83	404.45	MON IN CASE
6021	300919.43	1282019.20	356.57	NAIL & WASHER
32838	299549.43	1280562.58	364.01	MON NO CASE

N

200 100 0 200 400
SCALE IN FEET

No.	DATE	DSN	CHK	APP	REVISION

DESIGNED BY: P. FRANK
DRAWN BY: A. ALIMOVA
CHECKED BY: J. BECKER
APPROVED BY: J. BECKER

PHASE 2

L & A
LIN & ASSOCIATES, INC.
Consulting Engineers

wsp

LINE IS 1" AT FULL SCALE

SOUNDTRANSIT

SUBMITTED BY:
DATE: 03/27/2020
REVIEWED BY:
DATE: 03/27/2020

SCALE: 1"=200'
FILENAME: I-405-B07-RMP102
CONTRACT ID:
DATE: 03/27/2020

I-405 BRT
BURIEN TC TO LYNNWOOD TC
CONCEPTUAL ENGINEERING PLANS

LYNNWOOD RIGHT-OF-WAY MONUMENTATION PLAN

DRAWING No.: B07-RMP102
LOCATION No.:
SHEET No.: 77
REV:

04/10/20 | 3:57 PM | LIN114
S:\1924 - ST I-405 BRT\ROWSHEET FILES\I-405-B07-RMP102.DWG

Xrefs:
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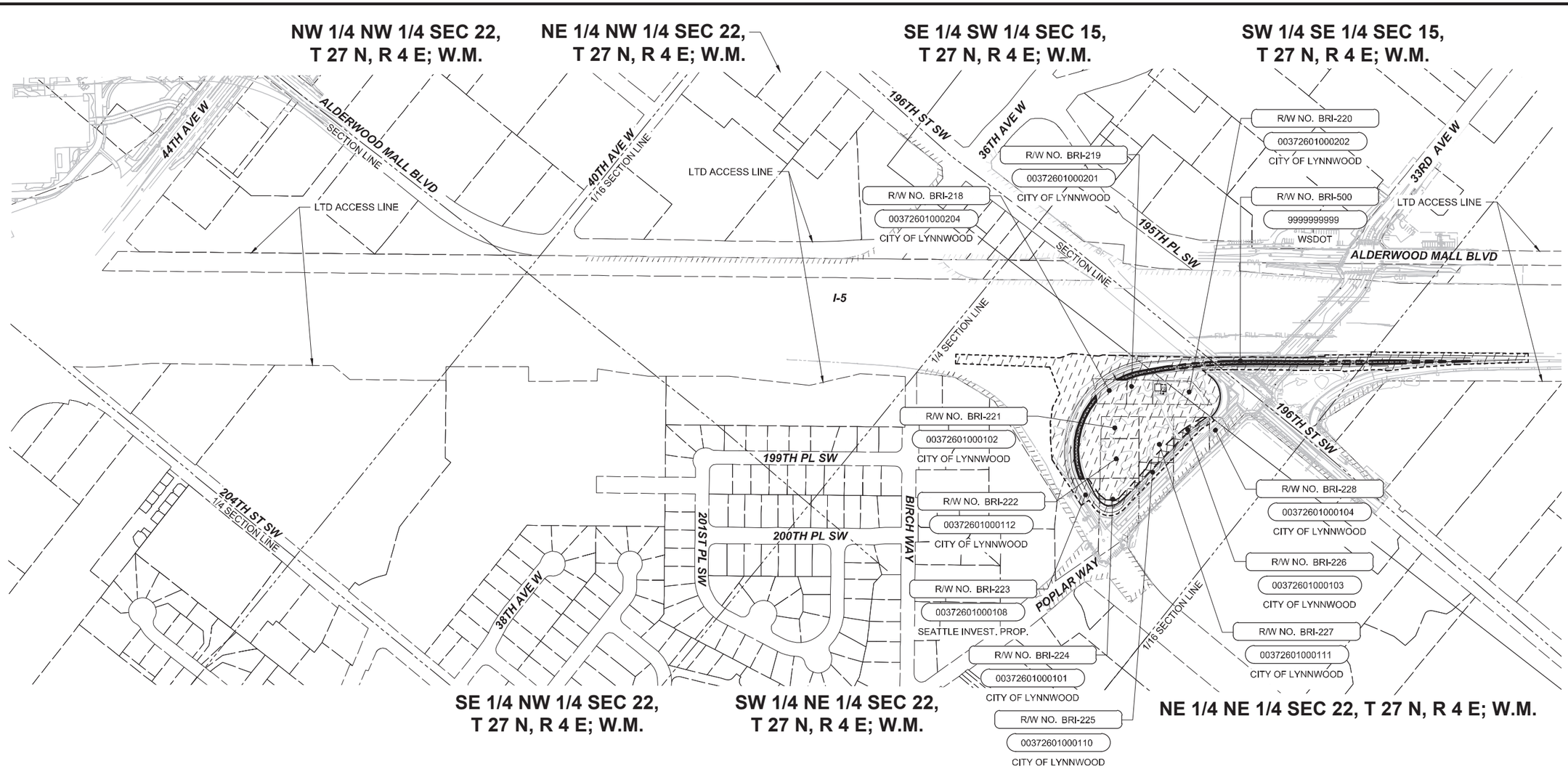
xl405RX
405BRT_TB22x34
xl405-B07-RPP100
I-405_BRT_Alderwood_V_SF
xl405-B10-CEP001
xl405-B07-CPP100



SOUND TRANSIT R/W NO.		PARCEL NO. (TAX ACCOUNT NO.)	OWNERS	PARCEL AREA SQ. FT.	FEE TAKE SQ. FT.	REMAINDER SQ. FT.	GUIDEWAY/ PERMANENT ESMT SQ. FT.	TEMPORARY CONSTRUCTION ESMT SQ. FT.	KING CO. RECORDING NO.
1	BRI-218	00372601000204	CITY OF LYNNWOOD	10,454				10,454	
2	BRI-219	00372601000201	CITY OF LYNNWOOD	8,276				8,276	
3	BRI-220	00372601000202	CITY OF LYNNWOOD	16,117				16,117	
4	BRI-221	00372601000102	CITY OF LYNNWOOD	10,890				10,890	
5	BRI-222	00372601000112	CITY OF LYNNWOOD	19,166				19,166	
6	BRI-223	00372601000108	SEATTLE INVEST. PROP.	47,480	859	46,621		8,681	
7	BRI-224	00372601000101	CITY OF LYNNWOOD	31,799	2,838	28,961		13,141	
8	BRI-225	00372601000110	CITY OF LYNNWOOD	19,602	1,614	17,988		4,660	
9	BRI-226	00372601000103	CITY OF LYNNWOOD	23,958	2,428	21,530		8,176	
10	BRI-227	00372601000111	CITY OF LYNNWOOD	20,038	2,586	17,452		18,013	
11	BRI-228	00372601000104	CITY OF LYNNWOOD	5,663				284	
12	BRI-500	9999999999	WSDOT				18,460	183,272	

LEGEND

- MP XX — WSDOT MILE POST
- WSDOT LIMITED ACCESS
- PROPERTY LINE
- FEE TAKE
- TEMPORARY CONSTRUCTION EASEMENT
- WSDOT ASL

N

200 100 0 200 400
SCALE IN FEET

No.	DATE	DSN	CHK	APP	REVISION

DESIGNED BY: P. FRANK
DRAWN BY: A. ALIMOVA
CHECKED BY: J. BECKER
APPROVED BY: J. BECKER

PHASE 2

LIN & ASSOCIATES, INC. Consulting Engineers

wsp

LINE IS 1" AT FULL SCALE

SUBMITTED BY:
DATE: 03/27/2020
REVIEWED BY:
DATE: 03/27/2020

SOUNDTRANSIT

SCALE: 1"=200'
FILENAME: I-405-B07-RPP101-20200413
CONTRACT ID:
DATE: 03/27/2020

I-405 BRT
BURIEN TC TO LYNNWOOD TC
CONCEPTUAL ENGINEERING PLANS

LYNNWOOD RIGHT-OF-WAY PLAN

DRAWING No.: B07-RPP101
LOCATION No.:
SHEET No.: 81
REV:

04/13/20 | 4:33 PM | LIN115
S:\1924 - ST I-405 BRT\ROW\SHEET FILES\ARCHIVE\20200327 IDR REVISIONS\I-405-B07-RPP101-20200413.DWG

Xrefs:
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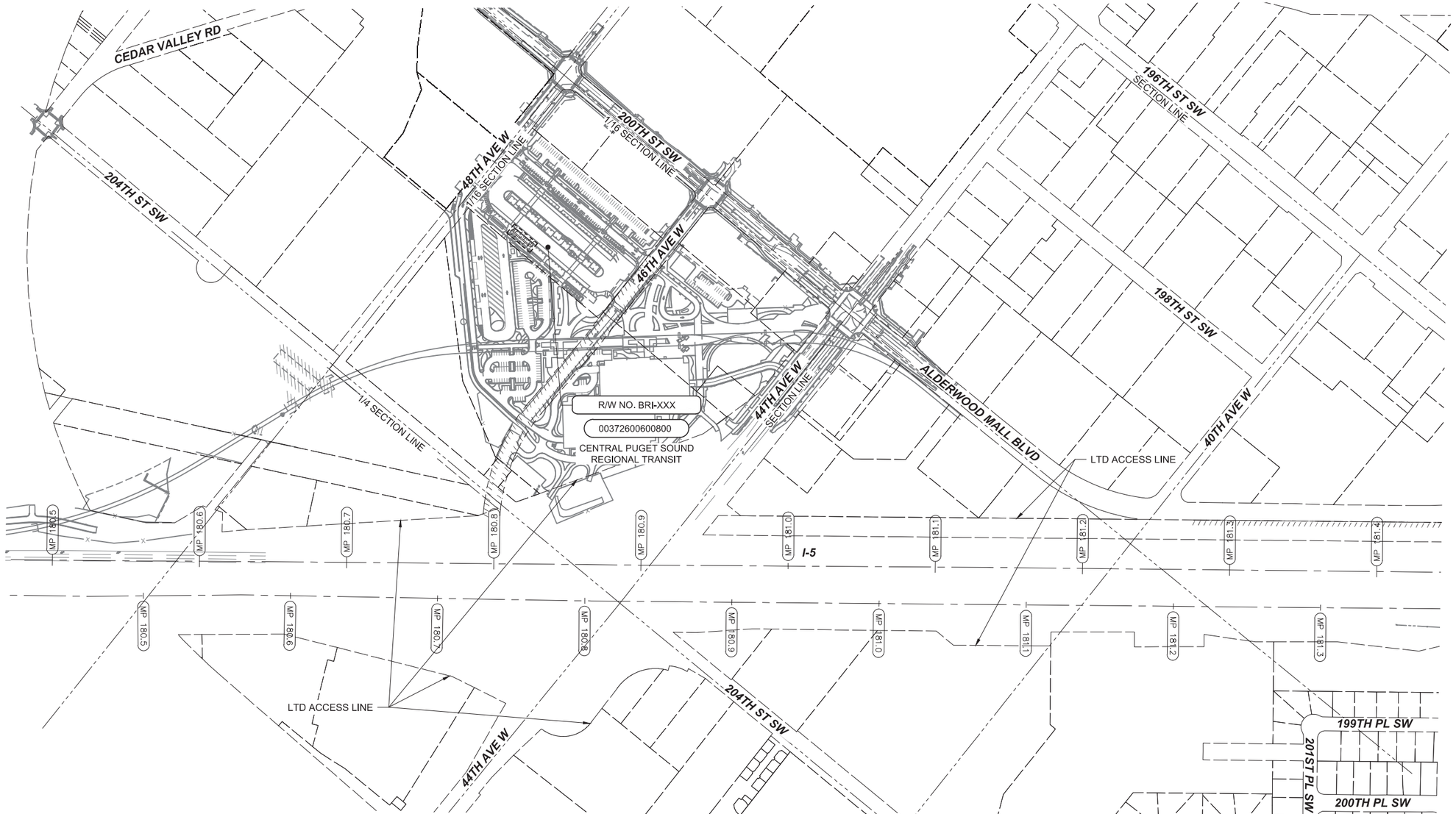
xl405RX
405BRT_TB22x34
xl405-B07-CPP100
xl405-B07-RPP100
I-405_BRT_Lynnwood_VISF
xl405-B10-CEP001

NE 1/4 NE 1/4 SEC 21, T 27 N, R 4 E; W.M.



SE 1/4 NE 1/4 SEC 21, T 27 N, R 4 E; W.M.

SOUND TRANSIT R/W NO.		PARCEL NO. (TAX ACCOUNT NO.)	OWNERS	PARCEL AREA SQ. FT.	FEE TAKE SQ. FT.	REMAINDER SQ. FT.	GUIDEWAY/ PERMANENT ESMT SQ. FT.	TEMPORARY CONSTRUCTION ESMT SQ. FT.	KING CO. RECORDING NO.
1	BRI-XXX	00372600600800	CENTRAL PUGET SOUND REGIONAL TRANSIT	225,205				4,202	

LEGEND

- MP XX — WSDOT MILE POST
- WSDOT LIMITED ACCESS
- PROPERTY LINE
- FEE TAKE
- TEMPORARY CONSTRUCTION EASEMENT
- WSDOT ASL

N

200 100 0 200 400
SCALE IN FEET

No.	DATE	DSN	CHK	APP	REVISION

DESIGNED BY: P. FRANK
DRAWN BY: A. ALIMOVA
CHECKED BY: J. BECKER
APPROVED BY: J. BECKER

PHASE 2

L & A — LIN & ASSOCIATES, INC. Consulting Engineers

wsp

LINE IS 1" AT FULL SCALE

SOUNDTRANSIT

SUBMITTED BY: | DATE: 03/27/2020 | REVIEWED BY: | DATE: 03/27/2020

SCALE: 1"=200'
FILENAME: I-405-B07-RPP102
CONTRACT ID:
DATE: 03/27/2020

I-405 BRT
BURIEN TC TO LYNNWOOD TC
CONCEPTUAL ENGINEERING PLANS

LYNNWOOD RIGHT-OF-WAY PLAN

DRAWING No.: B07-RPP102
LOCATION No.:
SHEET No.: 82
REV:

03/27/20 | 12:58 PM | LIN94
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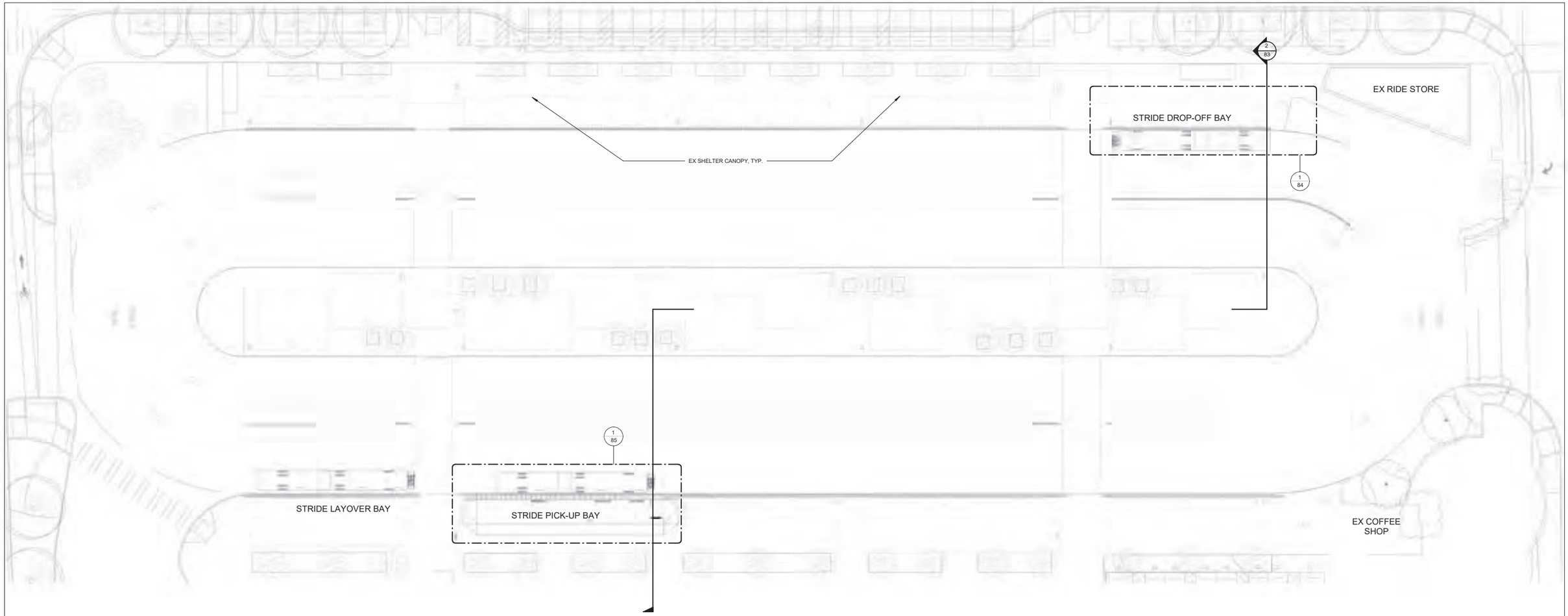
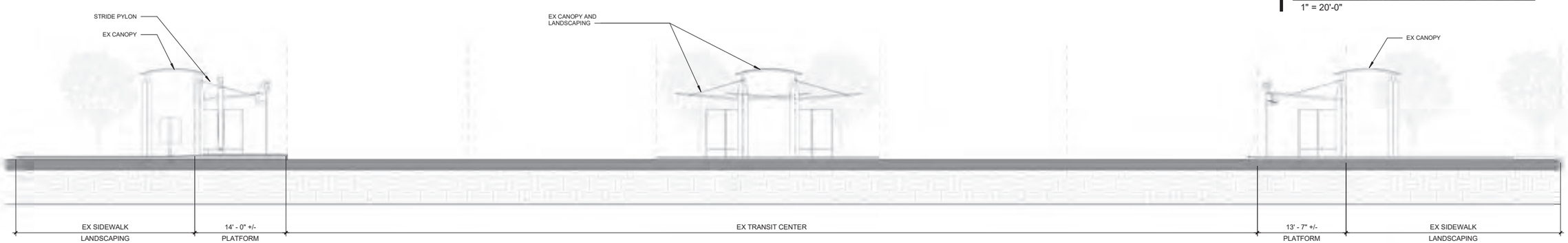


1 LYNNWOOD TC SITE PLAN
1" = 20'-0"



2 LYNNWOOD TC SECTION
1/8" = 1'-0"

No.	DATE	DSN	CHK	APP	REVISION
1	-				-

DESIGNED BY: --
DRAWN BY: BW/CD/JSP
CHECKED BY: KGT
APPROVED BY:

PHASE 2

wsp
SUBMITTED BY:
DATE:
REVIEWED BY:

PIVOT

LINE IS 1" AT FULL SCALE

SOUNDTRANSIT
DATE:

SCALE: AS NOTED
FILENAME:
CONTRACT ID:
DATE: 04/10/2020

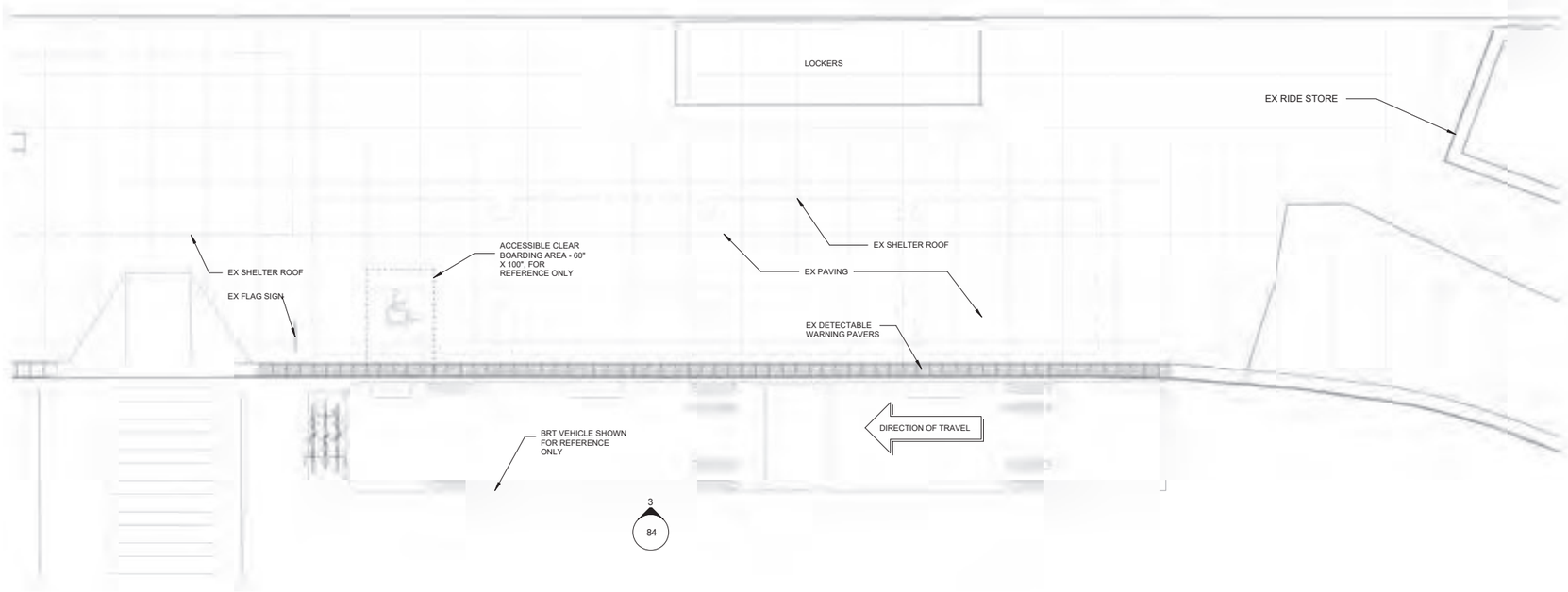
I-405 BRT
BURIEN TC TO LYNNWOOD TC CONCEPTUAL ENGINEERING PLANS

LYNNWOOD TRANSIT CENTER PLATFORM PLANS

DRAWING No.: B07-ASP101
LOCATION No.:
SHEET No.: 83
REV:

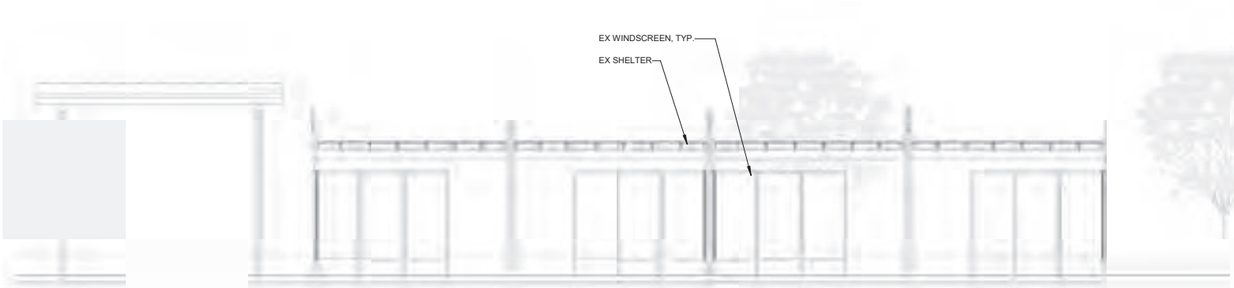
PRINTED ON: 4/10/2020 9:32:21 AM FROM FILE: C:\Pivot_Architecture\Revit_2018\1813_I405 Typical Platforms_R18_bwardle.rvt

GENERAL NOTE:
A. SHELTER AND AMENITIES AT EACH STATION ARE BASED ON A PROTOTYPICAL LAYOUT AND MAY VARY AS THE PROJECT DEVLOPS.

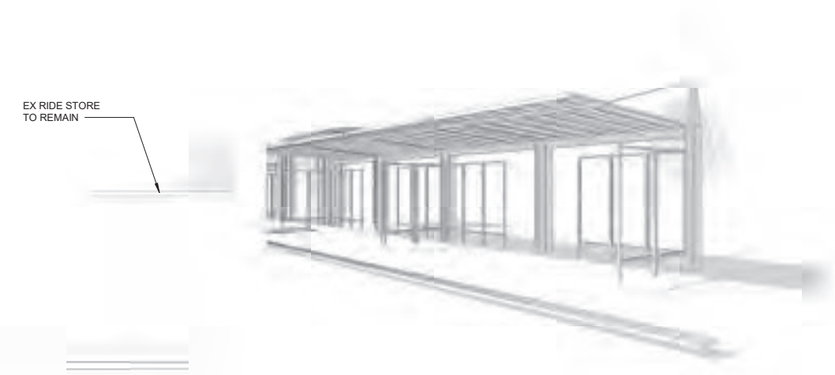


1 LYNNWOOD TC PLATFORM PLAN (DROP OFF)
3/16" = 1'-0"

N



3 LYNNWOOD TC (DROP OFF)
3/16" = 1'-0"



2 LYNNWOOD TC (DROP OFF)

No.	DATE	DSN	CHK	APP	REVISION
1	-				-

DESIGNED BY: --
DRAWN BY: BW/CD/JSP
CHECKED BY: KGT
APPROVED BY:

PHASE 2

wsp

PIVOT

LINE IS 1" AT FULL SCALE

SOUNDTRANSIT

SUBMITTED BY: | DATE: | REVIEWED BY: | DATE:

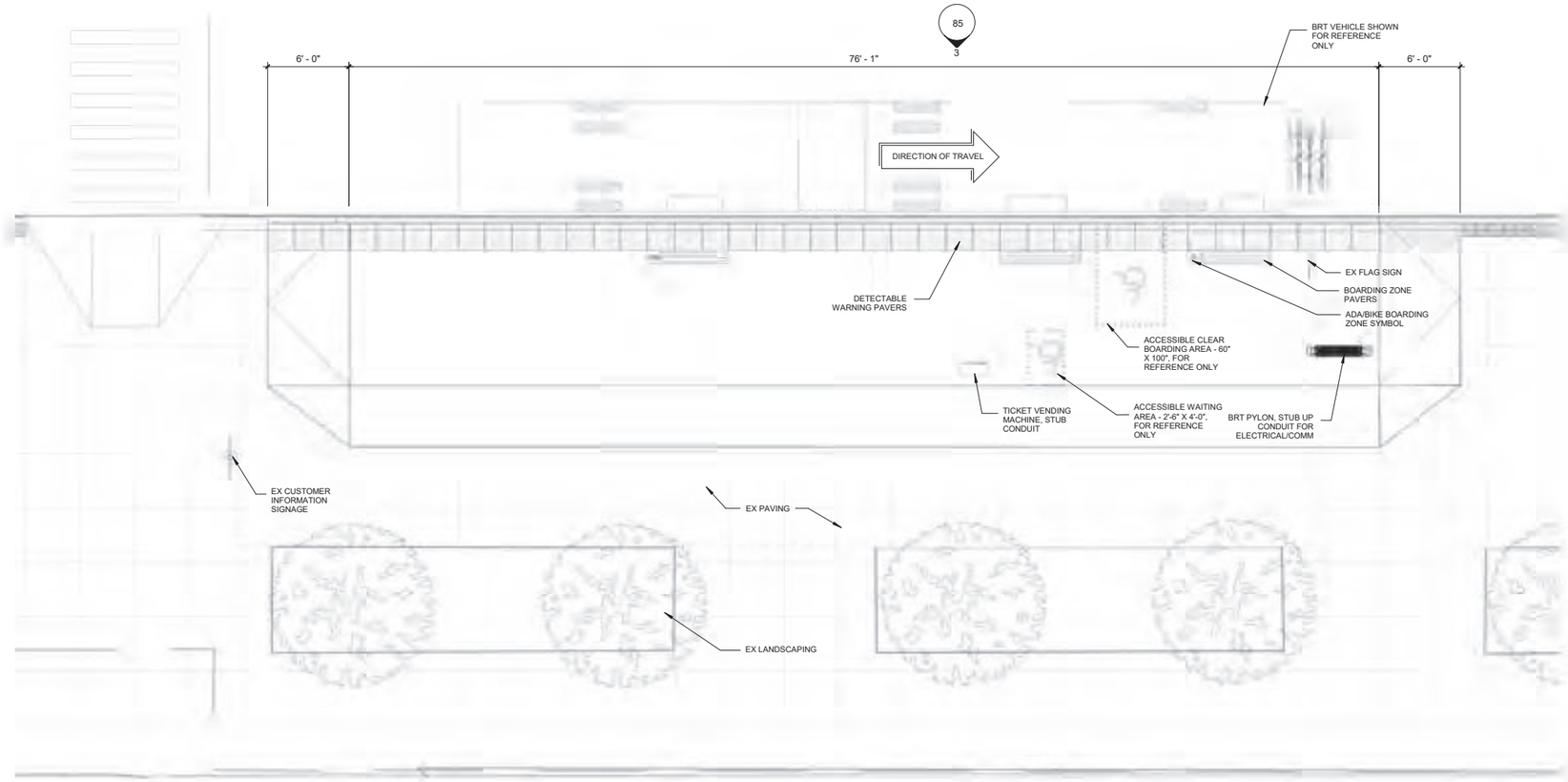
SCALE: AS NOTED
FILENAME:
CONTRACT ID:
DATE: 04/10/2020

I-405 BRT
BURIEN TC TO LYNNWOOD TC CONCEPTUAL ENGINEERING PLANS

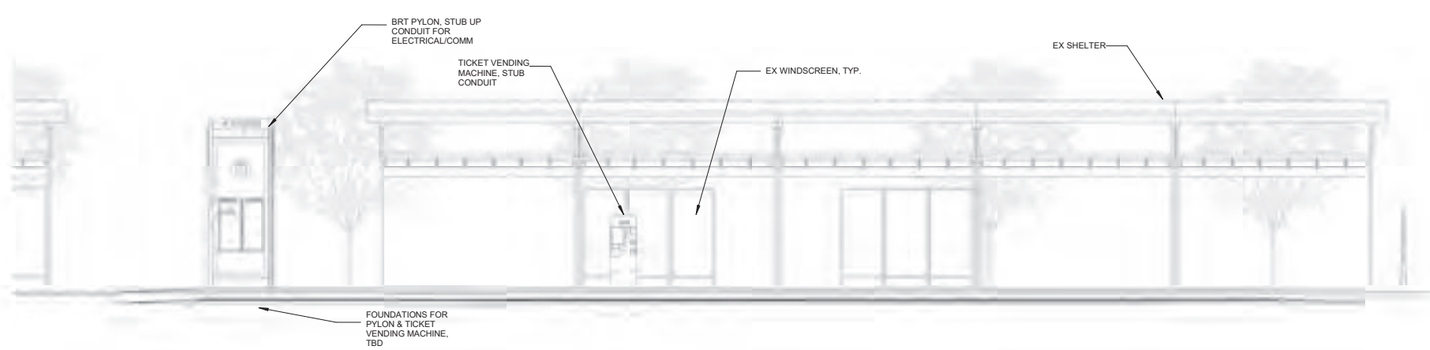
LYNNWOOD TRANSIT CENTER PLATFORM PLANS

DRAWING No.: B07-ASP102
LOCATION No.:
SHEET No.: 84
REV:

GENERAL NOTE:
A. SHELTER AND AMENITIES AT EACH STATION ARE BASED ON A PROTOTYPICAL LAYOUT AND MAY VARY AS THE PROJECT DEVLOPS.



1 LYNNWOOD TC PLATFORM PLAN (BOARDING)
3/16" = 1'-0"



3 LYNNWOOD TC ELEVATION (BOARDING)
3/16" = 1'-0"

2 LYNNWOOD TC (BOARDING)

No.	DATE	DSN	CHK	APP	REVISION
1	-				-

DESIGNED BY: --
DRAWN BY: BW/CD/JSP
CHECKED BY: KGT
APPROVED BY:

PHASE 2

wsp

PIVOT

LINE IS 1" AT FULL SCALE

SOUNDTRANSIT

SUBMITTED BY: | DATE: | REVIEWED BY: | DATE:

SCALE: AS NOTED
FILENAME:
CONTRACT ID:
DATE: 04/10/2020

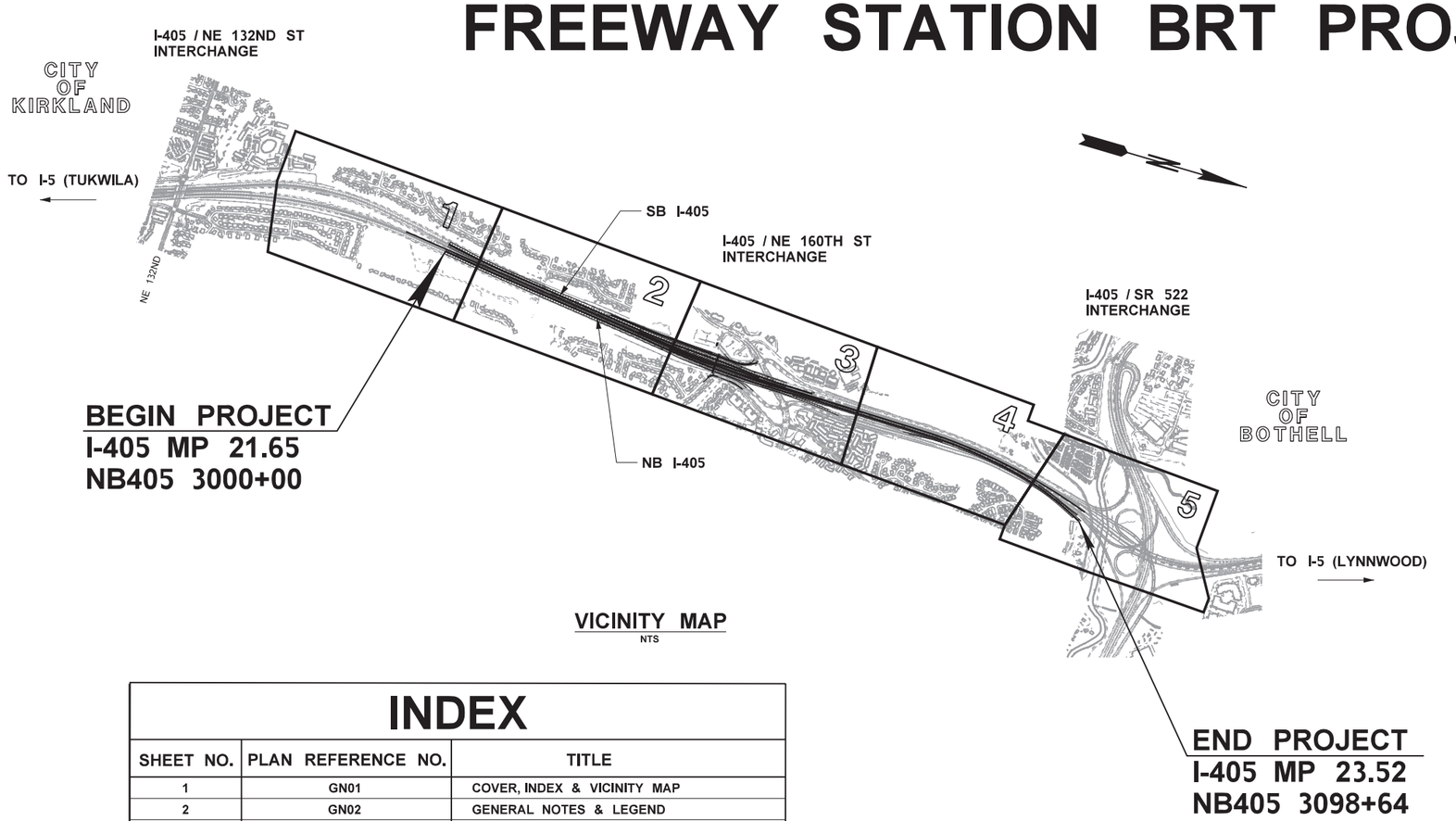
I-405 BRT
BURIEN TC TO LYNNWOOD TC CONCEPTUAL ENGINEERING PLANS

LYNNWOOD TRANSIT CENTER PLATFORM PLANS

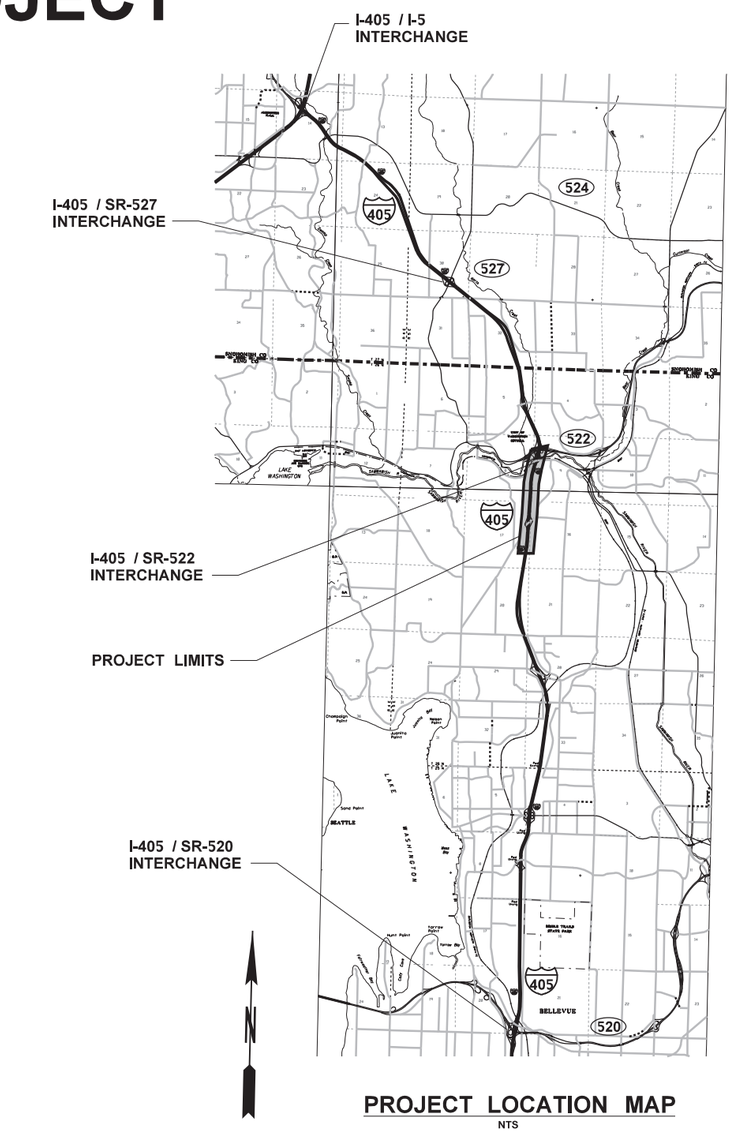
DRAWING No.: B07-ASP103
LOCATION No.:
SHEET No.: 85
REV:

PRINTED ON: 4/10/2020 9:38:52 AM FROM FILE: C:\Pivot_Architecture\Revit_2018\1813_I405 Typical Platforms_R18_bwardle.rvt

I-405
BRICKYARD PARK AND RIDE INLINE FREEWAY STATION BRT PROJECT



VICINITY MAP
NTS



PROJECT LOCATION MAP
NTS

INDEX

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TIME	6:01:58 AM			
DATE	12/20/2019			
PLOTTED BY	vyplemi			
DESIGNED BY	M. VYPLEL			
ENTERED BY	M. VYPLEL			
CHECKED BY	M. ROHILA			
PROJ. ENGR.	C. BARNETT			
REGIONAL ADM.	K. HENRY	REVISION	DATE	BY

REGION NO.	STATE	FED.AID PROJ.NO.
10	WASH	
JOB NUMBER		
CONTRACT NO.		LOCATION NO. XL6138

REVIEW COPY
5% CONCEPTUAL DESIGN
NOT FOR CONSTRUCTION

Washington State Department of Transportation

I-405
BRICKYARD PARK AND RIDE INLINE
FREEWAY STATION BRT PROJECT

COVER, INDEX & VICINITY MAP

PLAN REF NO GN01

SHEET 1 OF 54 SHEETS

GENERAL NOTES

1. THE CONCEPTUAL PLANS ARE FOR REFERENCE ONLY - NOT FOR CONSTRUCTION.
2. THE INFORMATION CONTAINED IN CONCEPTUAL PLANS DOES NOT REPRESENT A COMPLETE DESIGN. MANY DESIGN ELEMENTS ARE NOT INCLUDED IN THE CONCEPTUAL PLANS (GUARDRAIL, CONCRETE BARRIER, ETC), BUT ARE INCLUDED IN THE PROJECT SCOPE OF WORK. THE CONCEPTUAL PLANS REPRESENT A DESIGN THAT WAS DEVELOPED TO ESTABLISH CONSTRUCTION FEASIBILITY AND TO PROVIDE BASE DOCUMENTS FOR THE DEVELOPMENT OF THE DESIGN-BUILDER'S PROPOSAL.
3. IF THERE IS A CONFLICT BETWEEN THE CONCEPTUAL PLANS AND THE CONTRACT DOCUMENTS, THE CONTRACT DOCUMENTS SHALL GOVERN.

GENERAL LEGEND:

- EX RIGHT OF WAY AND LIMITED ACCESS
- PROPOSED RIGHT OF WAY AND LIMITED ACCESS
- PROPOSED RIGHT OF WAY
- EXISTING RIGHT OF WAY
- 7990 — CONSTRUCTION ALIGNMENT
- PROPOSED NOISE WALL
- PROPOSED RETAINING WALL
- EX WETLAND
- IMPACT LINE

FILE NAME	c:\users\vyplemi\pw_wsdot\d0253310\XL6138_PS_GN_02.dgn						
TIME	8:11:05 AM				REGION NO. 10	STATE WASH	FED.AID PROJ.NO.
DATE	12/19/2019						
PLOTTED BY	vyplemi				JOB NUMBER		
DESIGNED BY	M. VYPLEL						
ENTERED BY	M. VYPLEL						
CHECKED BY	M. ROHILA				CONTRACT NO.		LOCATION NO. XL6138
PROJ. ENGR.	C. BARNETT						
REGIONAL ADM.	K. HENRY	REVISION	DATE	BY			

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NOT FOR CONSTRUCTION

Washington State Department of Transportation

I-405
BRICKYARD PARK AND RIDE INLINE FREEWAY STATION BRT PROJECT

GENERAL NOTES & LEGEND

PLAN REF NO GN02

SHEET 2 OF 54 SHEETS

NB405 LINE							
BEARING	PC	PI	PT	DELTA	R	L	T
N 8°14'37" E		3000+00.00					
N 7°06'37" E		3007+75.69					
N 8°24'07" E	3028+29.93	3029+87.26	3031+44.58	1°17'30"	13957.91 '	314.65 '	157.33 '
N 1°07'12" W	3033+42.14	3043+14.29	3053+81.51	9°31'20"	12872.87 '	2139.37 '	1072.15 '
N 0°55'36" E	3053+81.51	3055+96.27	3058+10.98	2°02'49"	12022.00 '	429.47 '	214.76 '
N 4°34'48" E	3072+99.50	3075+27.94	3077+56.23	3°39'11"	7163.35 '	456.73 '	228.44 '
N 10°34'54" E	3077+56.23	3081+57.36	3085+57.76	6°00'07"	7651.65 '	801.52 '	401.13 '
N 25°48'54" E	3085+57.76	3090+89.18	3096+14.33	15°14'00"	3974.00 '	1056.57 '	531.42 '
N 26°41'23" E		3097+75.65					
		3098+63.99					

SB405 LINE							
BEARING	PC	PI	PT	DELTA	R	L	T
N 10°54'11" E		2000+00.00					
N 7°10'00" E	2001+31.48	2005+90.96	2008+50.26	3°44'11"	7955.59 '	518.78 '	259.48 '
N 3°40'52" E	2029+90.49	2033+54.83	2037+18.95	3°29'08"	11974.00 '	728.45 '	364.34 '
N 5°47'45" E	2040+52.81	2042+74.29	2044+95.73	2°06'53"	12000.00 '	442.92 '	221.48 '
N 0°54'23" E	2044+95.73	2048+56.23	2052+16.30	4°53'22"	8444.00 '	720.57 '	360.50 '
		2056+12.33					

NB-BY LINE							
BEARING	PC	PI	PT	DELTA	R	L	T
N 4°05'58" E	350+00.00	351+91.83	353+83.56	3°18'26"	6644.81 '	383.56 '	191.83 '
N 0°02'51" W	353+83.56	355+14.14	356+44.61	4°08'49"	3606.82 '	261.05 '	130.58 '
N 3°48'22" E	356+75.23	357+02.55	357+29.84	3°51'14"	812.00 '	54.62 '	27.32 '
N 3°51'24" E		358+97.42					
N 2°46'50" E	361+25.83	362+80.34	364+34.85	1°04'34"	16451.72 '	309.02 '	154.52 '
N 0°20'44" E	364+34.85	365+13.06	365+91.25	2°26'07"	3679.99 '	156.41 '	78.21 '
		372+84.03					

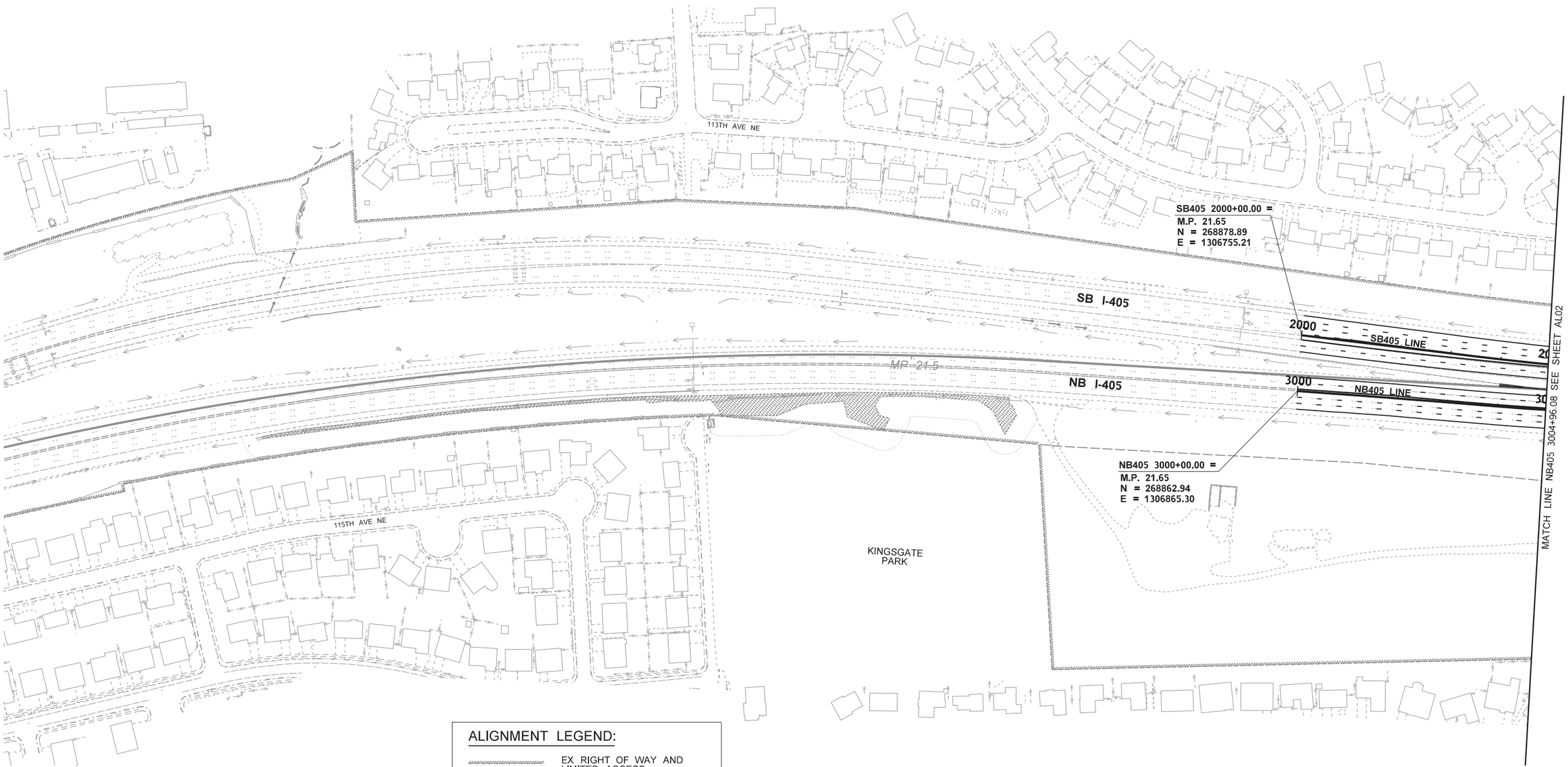
SB-BY LINE							
BEARING	PC	PI	PT	DELTA	R	L	T
N 7°20'50" E		249+59.94					
N 3°40'52" E	254+25.29	256+74.92	259+24.39	3°39'58"	7800.00 '	499.11 '	249.64 '
N 0°18'25" E	261+18.99	261+33.71	261+48.43	3°22'27"	500.00 '	29.45 '	14.73 '
N 3°37'07" E	261+74.01	263+24.33	264+74.56	3°18'42"	5200.00 '	300.56 '	150.32 '
		267+85.33					

NE160-SB405 LINE							
BEARING	PC	PI	PT	DELTA	R	L	T
N 5°59'05" E		150+00.00					
N 3°07'21" E	154+25.46	158+54.48	162+83.32	2°51'45"	17171.15 '	857.86 '	429.02 '
N 4°58'00" E	165+20.51	167+15.04	169+09.53	1°50'39"	12086.00 '	389.03 '	194.53 '
N 25°15'11" W	169+09.53	170+09.36	171+04.54	30°13'11"	369.73 '	195.01 '	99.83 '
		172+19.99					

CONTROL LINE DATA AND PLAN ABBREVIATIONS

AHD	-	AHEAD
BCK	-	BACK
BEARING	-	AHEAD TANGENT BEARING
BK	-	BIKE LANE OR BACK
CLR	-	CLEARANCE
DELTA	-	CURVE ARC
EX	-	EXISTING
LC	-	LENGTH OF CURVE
LN	-	LANE
LT	-	LENGTH OF TANGENT
MD	-	MATCH DESIGN (ADJACENT ROADWAY), SEE ROADWAY PROFILES
ME	-	MATCH EXISTING CROSS SLOPE
NC	-	NORMAL CROWN
NTS	-	NOT TO SCALE
PC	-	POINT OF CURVATURE
PI	-	POINT OF INTERSECTION
PT	-	POINT OF TANGENT
R	-	CURVE RADIUS (-LEFT/ +RIGHT)
S	-	SUPERELEVATION
SD	-	SLOPE TO DRAIN 1.5% MIN TO 2% MAX CROSS SLOPE
SH	-	SHOULDER
STA	-	STATION
SW	-	SIDEWALK
T	-	CURVE TANGENT LENGTH
VAR	-	VARIES

T.26N.R.5E.W.M.



ALIGNMENT LEGEND:

- EX RIGHT OF WAY AND LIMITED ACCESS
- PROPOSED RIGHT OF WAY AND LIMITED ACCESS
- 7990 — CONSTRUCTION ALIGNMENT
- IMPACT LINE

NOTES:

1. FOR ALIGNMENT DATA, SEE SHEET GN03.

0 100 200
SCALE IN FEET

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TIME	8:12:13 AM				JOB NUMBER		
DATE	12/19/2019						
PLOTTED BY	vyplemi						
DESIGNED BY	K. MONROE				CONTRACT NO.		LOCATION NO. XL6138
ENTERED BY	M. VYPLEL						
CHECKED BY	M. ROHILA						
PROJ. ENGR.	C. BARNETT						
REGIONAL ADM.	K. HENRY	REVISION	DATE	BY			

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Washington State Department of Transportation

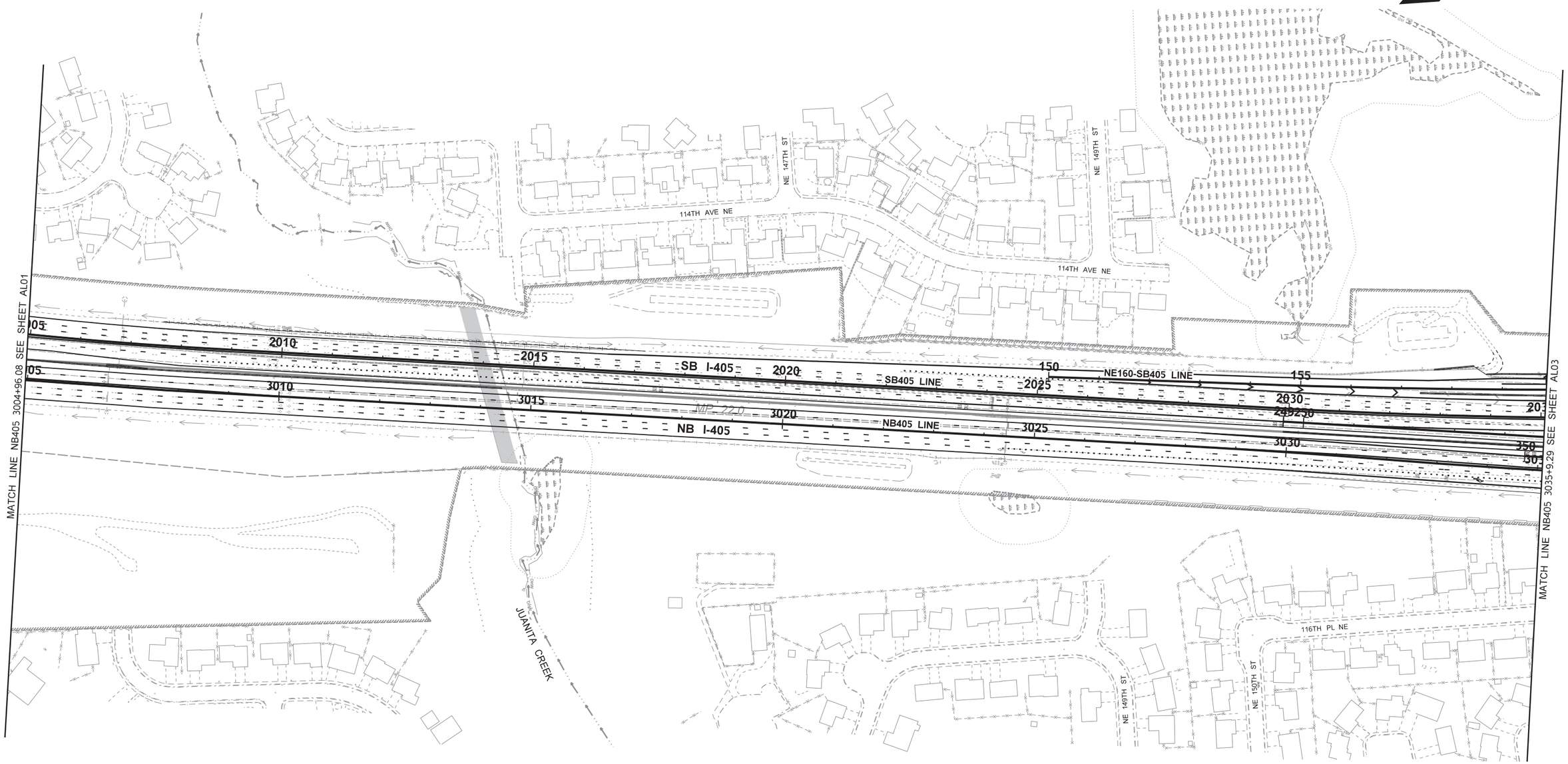
I-405
BRICKYARD PARK AND RIDE INLINE FREEWAY STATION BRT PROJECT

ALIGNMENT PLAN

PLAN REF NO AL01

SHEET 4 OF 54 SHEETS

T.26N.R.5E.W.M.



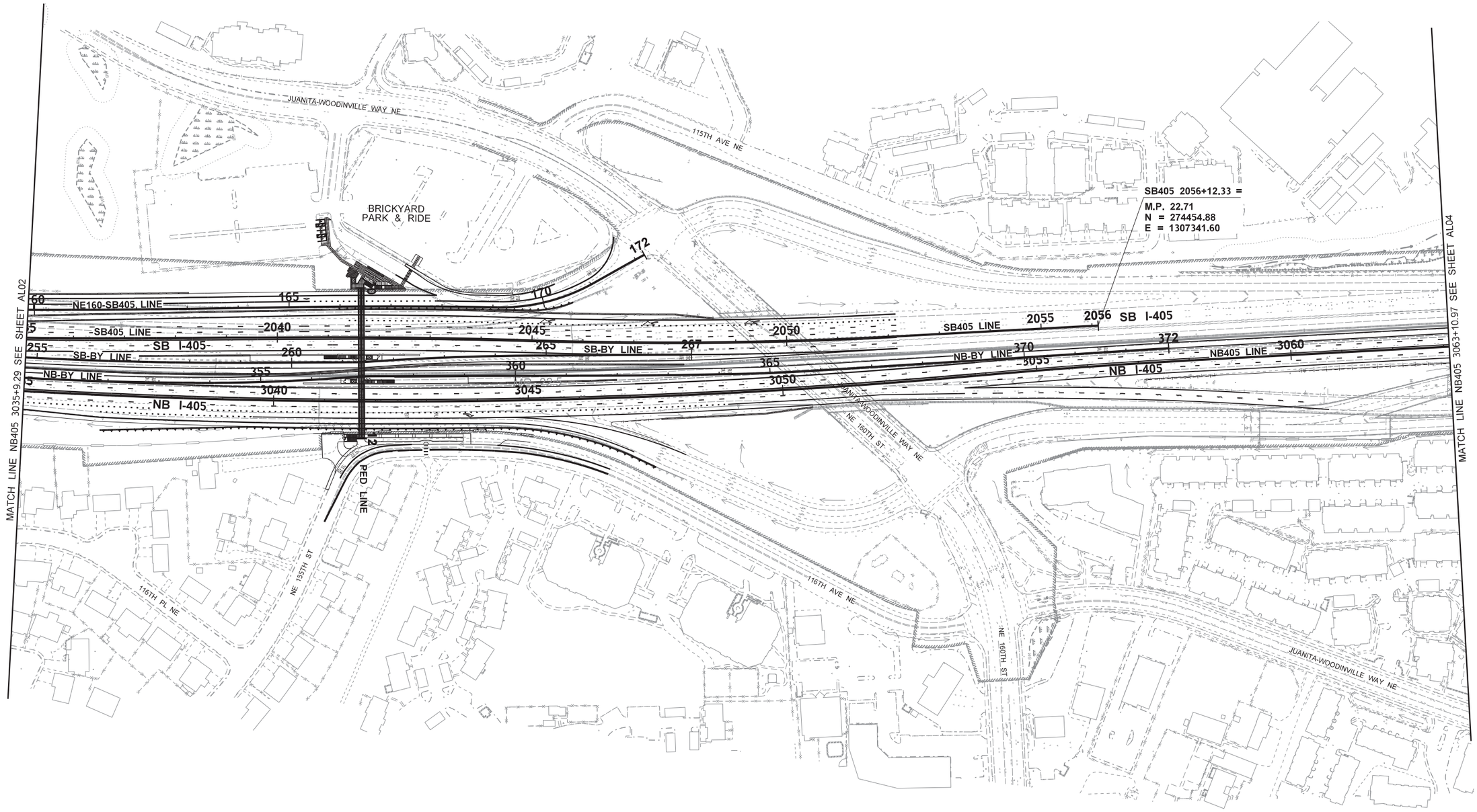
NOTES:

1. FOR LEGEND, SEE SHEET AL01.
2. FOR ALIGNMENT DATA, SEE SHEET GN03.

0 100 200
SCALE IN FEET

FILE NAME	c:\users\vyplemi\pw_wsdot\d0253310\XL6138_PS_AL_02.dgn				REGION NO. 10	STATE WASH	FED.AID PROJ.NO.	REVIEW COPY 5% CONCEPTUAL DESIGN NOT FOR CONSTRUCTION		Washington State Department of Transportation	I-405 BRICKYARD PARK AND RIDE INLINE FREEWAY STATION BRT PROJECT	PLAN REF NO AL02
TIME	8:12:18 AM											SHEET 5 OF 54 SHEETS
DATE	12/19/2019				JOB NUMBER							
PLOTTED BY	vyplemi											
DESIGNED BY	K. MONROE											
ENTERED BY	M. VYPLEL											
CHECKED BY	M. ROHILA				CONTRACT NO.		LOCATION NO. XL6138				ALIGNMENT PLAN	
PROJ. ENGR.	C. BARNETT											
REGIONAL ADM.	K. HENRY	REVISION	DATE	BY								

T.26N.R.5E.W.M.



NOTES:

1. FOR LEGEND, SEE SHEET AL01.
2. FOR ALIGNMENT DATA, SEE SHEET GN03.

0 100 200
SCALE IN FEET

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TIME	8:12:21 AM						
DATE	12/19/2019						
PLOTTED BY	vyplemi				JOB NUMBER		
DESIGNED BY	K. MONROE						
ENTERED BY	M. VYPLEL						
CHECKED BY	M. ROHILA				CONTRACT NO.		LOCATION NO. XL6138
PROJ. ENGR.	C. BARNETT						
REGIONAL ADM.	K. HENRY	REVISION	DATE	BY			

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Washington State
Department of Transportation

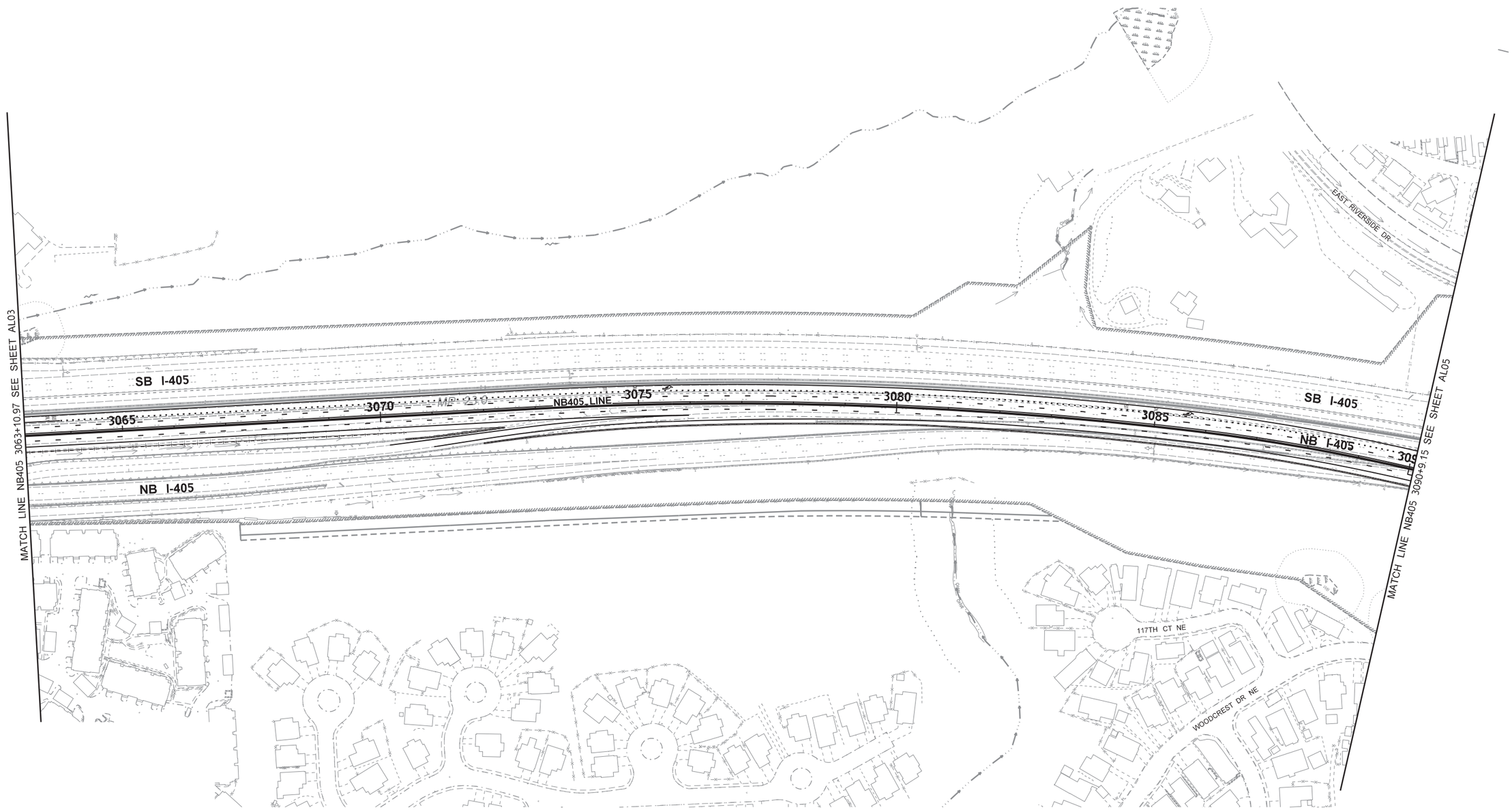
I-405
BRICKYARD PARK AND RIDE INLINE
FREEWAY STATION BRT PROJECT

ALIGNMENT PLAN

PLAN REF NO
AL03

SHEET 6 OF 54 SHEETS

T.26N.R.5E.W.M.



NOTES:

1. FOR LEGEND, SEE SHEET AL01.
2. FOR ALIGNMENT DATA, SEE SHEET GN03.

0 100 200
SCALE IN FEET

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TIME	8:12:25 AM				JOB NUMBER		
DATE	12/19/2019						
PLOTTED BY	vyplemi						
DESIGNED BY	K. MONROE				CONTRACT NO.		LOCATION NO. XL6138
ENTERED BY	M. VYPLEL						
CHECKED BY	M. ROHILA						
PROJ. ENGR.	C. BARNETT						
REGIONAL ADM.	K. HENRY	REVISION	DATE	BY			

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Washington State
Department of Transportation

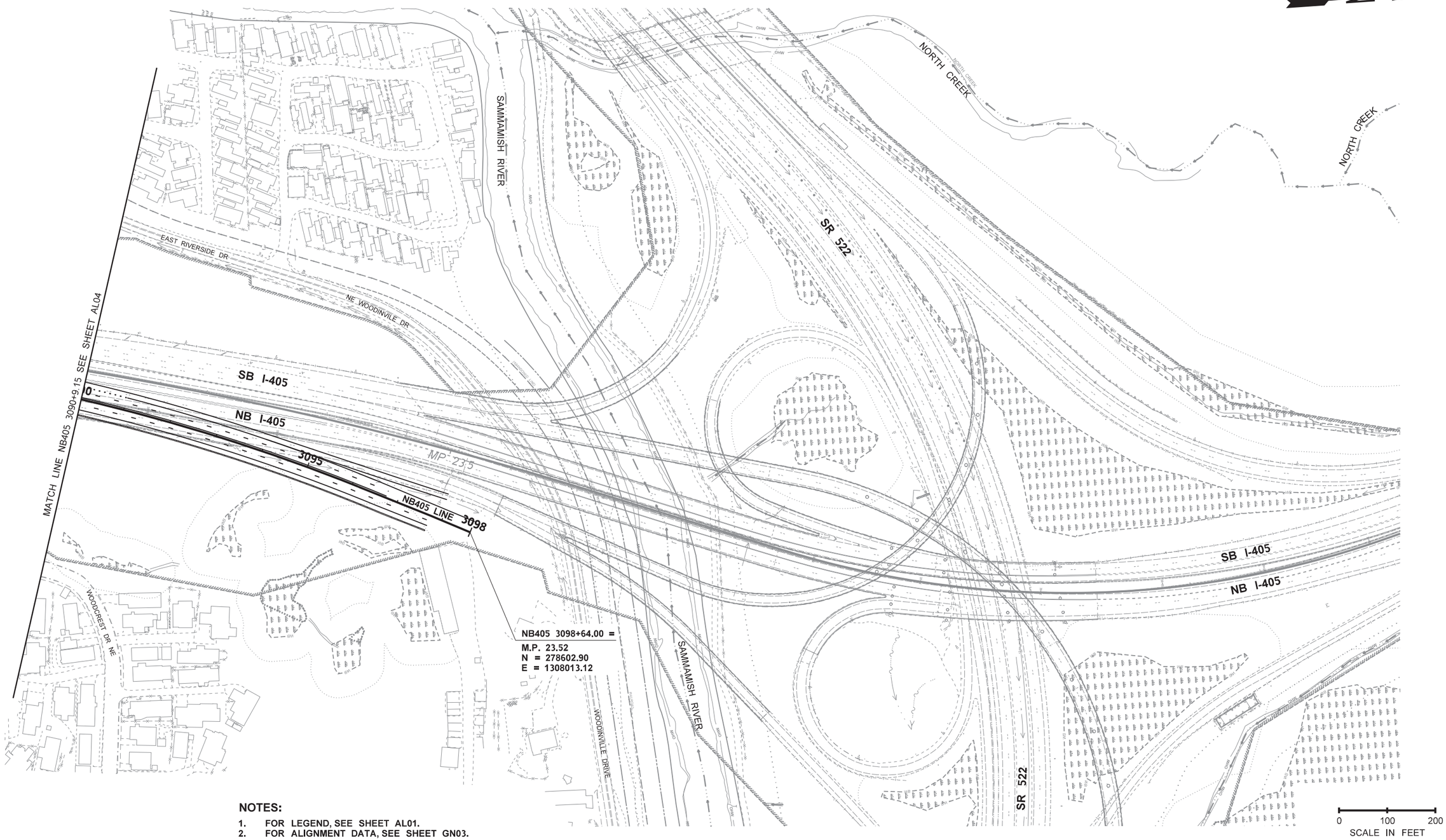
I-405
BRICKYARD PARK AND RIDE INLINE
FREEWAY STATION BRT PROJECT

ALIGNMENT PLAN

PLAN REF NO
AL04

SHEET
7
OF
54
SHEETS

T.26N.R.5E.W.M.

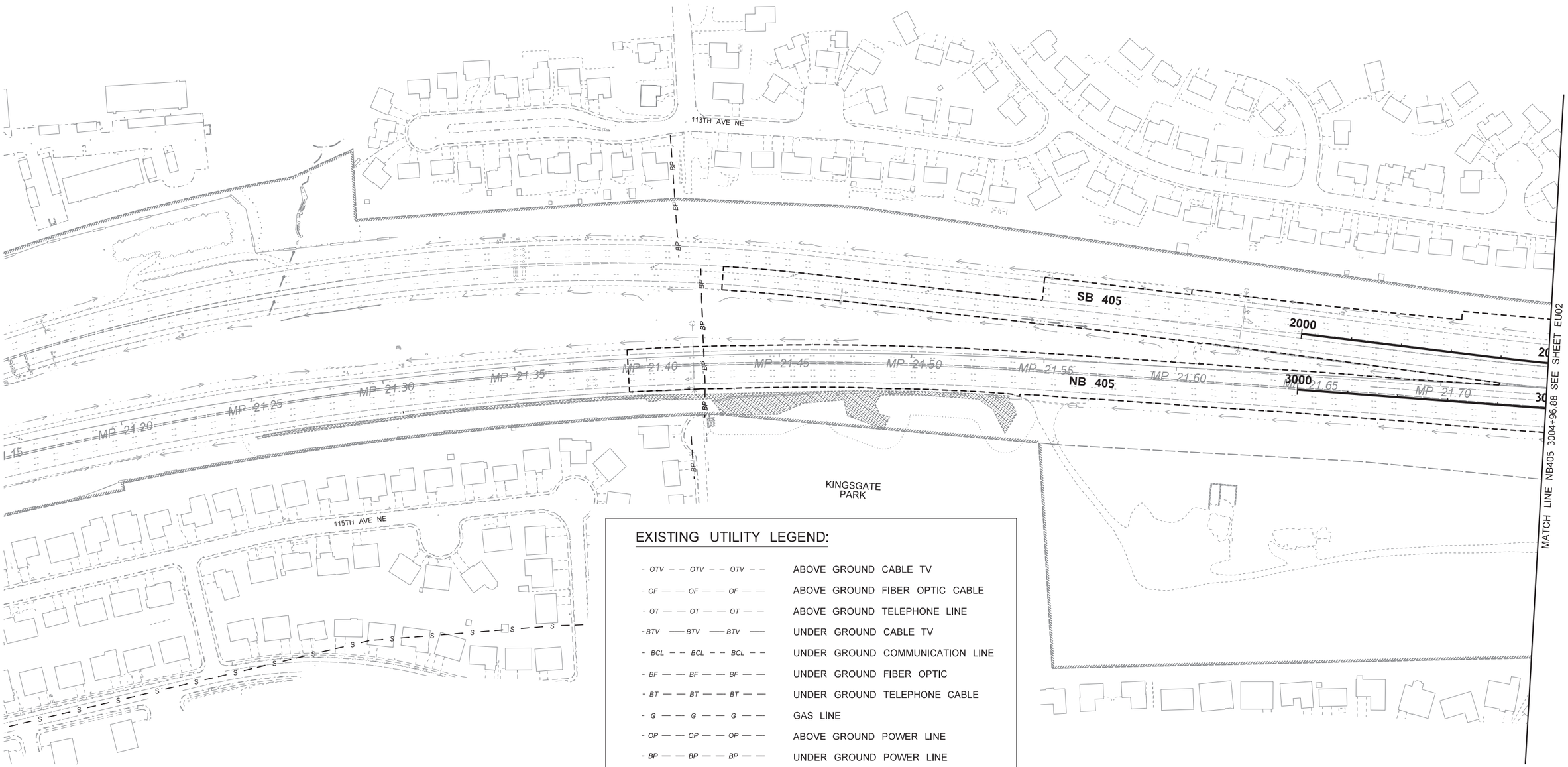


NOTES:

1. FOR LEGEND, SEE SHEET AL01.
2. FOR ALIGNMENT DATA, SEE SHEET GN03.

FILE NAME	c:\users\vyplemi\pw_wsdot\d0253310\XL6138_PS_AL_05.dgn				REGION NO.	STATE	FED.AID PROJ.NO.	REVIEW COPY 5% CONCEPTUAL DESIGN NOT FOR CONSTRUCTION		I-405 BRICKYARD PARK AND RIDE INLINE FREEWAY STATION BRT PROJECT	PLAN REF NO AL05
TIME	8:12:28 AM				10	WASH			Washington State Department of Transportation		SHEET 8 OF 54 SHEETS
DATE	12/19/2019										
PLOTTED BY	vyplemi				JOB NUMBER						
DESIGNED BY	K. MONROE										
ENTERED BY	M. VYPLEL										
CHECKED BY	M. ROHILA				CONTRACT NO.		LOCATION NO.			ALIGNMENT PLAN	
PROJ. ENGR.	C. BARNETT						XL6138				
REGIONAL ADM.	K. HENRY	REVISION	DATE	BY							

T.26N.R.5E.W.M.



EXISTING UTILITY LEGEND:

- OTV — — OTV — — OTV — —	ABOVE GROUND CABLE TV
- OF — — OF — — OF — —	ABOVE GROUND FIBER OPTIC CABLE
- OT — — OT — — OT — —	ABOVE GROUND TELEPHONE LINE
- BTV — — BTV — — BTV — —	UNDER GROUND CABLE TV
- BCL — — BCL — — BCL — —	UNDER GROUND COMMUNICATION LINE
- BF — — BF — — BF — —	UNDER GROUND FIBER OPTIC
- BT — — BT — — BT — —	UNDER GROUND TELEPHONE CABLE
- G — — G — — G — —	GAS LINE
- OP — — OP — — OP — —	ABOVE GROUND POWER LINE
- BP — — BP — — BP — —	UNDER GROUND POWER LINE
—(P)—	POWER POLE
- S — — S — — S — —	SANITARY SEWER LINE
- W — — W — — W — —	WATER LINE
— — — — — — — — — — — —	IMPACT LINE

FILE NAME	c:\users\taylorsu\pw_wsdot\d0253310\XL6138_PS_EU_01.dgn
TIME	2:34:12 PM
DATE	12/19/2019
PLOTTED BY	taylorsu
DESIGNED BY	J. GARCIA
ENTERED BY	S. TAYLOR
CHECKED BY	B. JAMES
PROJ. ENGR.	C. BARNETT
REGIONAL ADM.	K. HENRY

REVISION	DATE	BY

REGION NO.	STATE	FED.AID PROJ.NO.
10	WASH	
JOB NUMBER		
CONTRACT NO.		LOCATION NO. XL6138

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Washington State Department of Transportation

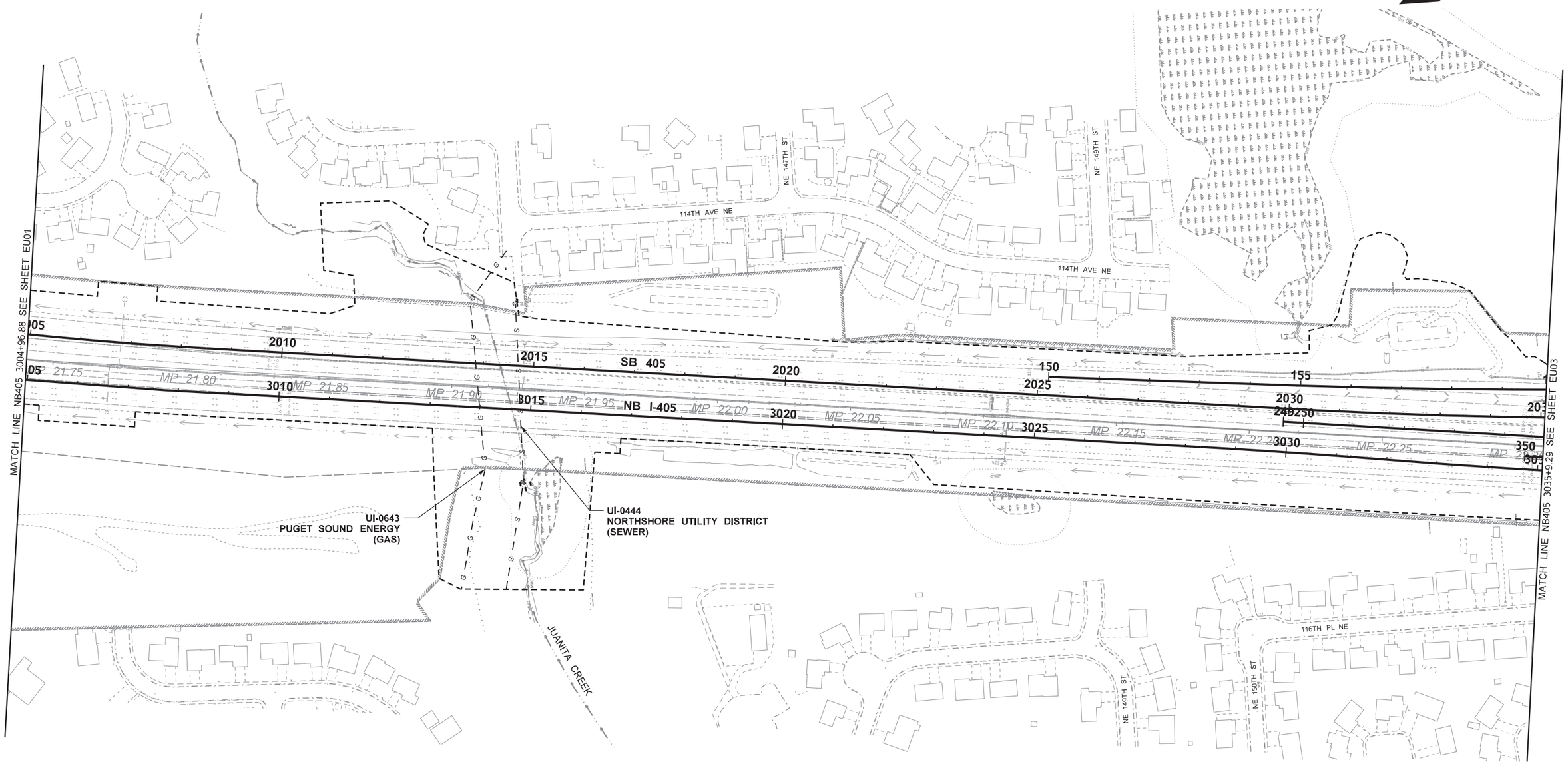
I-405
BRICKYARD PARK AND RIDE INLINE FREEWAY STATION BRT PROJECT

EXISTING UTILITIES

PLAN REF NO EU01

SHEET 9 OF 54 SHEETS

T.26N.R.5E.W.M.



NOTES:

1. SEE SHEET EU01 FOR EXISTING UTILITIES LEGEND.

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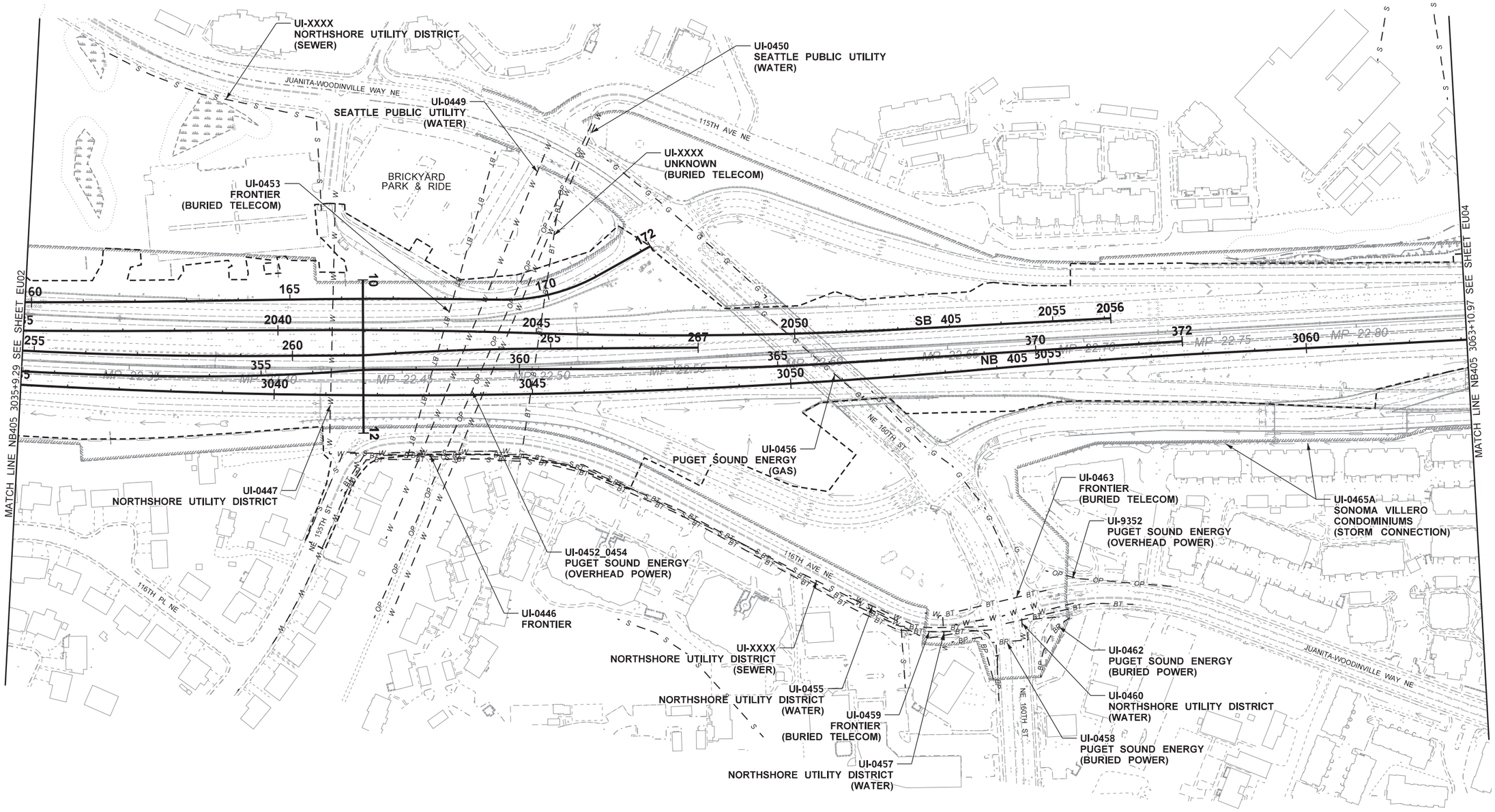
SCALE IN FEET

FILE NAME	c:\users\taylorsu\pw_wsdot\d0253310\XL6138_PS_EU_02.dgn				REGION NO. 10	STATE WASH	FED.AID PROJ.NO.	REVIEW COPY 5% CONCEPTUAL DESIGN NOT FOR CONSTRUCTION	Washington State Department of Transportation	I-405 BRICKYARD PARK AND RIDE INLINE FREEWAY STATION BRT PROJECT	PLAN REF NO EU02
TIME	2:34:15 PM				JOB NUMBER						SHEET 10 OF 54 SHEETS
DATE	12/19/2019										
PLOTTED BY	taylorsu										
DESIGNED BY	J. GARCIA										
ENTERED BY	S. TAYLOR										
CHECKED BY	B. JAMES				CONTRACT NO.		LOCATION NO. XL6138			EXISTING UTILITIES	
PROJ. ENGR.	C. BARNETT										
REGIONAL ADM.	K. HENRY	REVISION	DATE	BY							

T.26N.R.5E.W.M.



NOTES:

1. SEE SHEET EU01 FOR EXISTING UTILITIES LEGEND.

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TIME	2:34:17 PM						
DATE	12/19/2019						
PLOTTED BY	taylorsu				JOB NUMBER		
DESIGNED BY	J. GARCIA						
ENTERED BY	S. TAYLOR						
CHECKED BY	B. JAMES				CONTRACT NO.		LOCATION NO. XL6138
PROJ. ENGR.	C. BARNETT						
REGIONAL ADM.	K. HENRY	REVISION	DATE	BY			

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Washington State
Department of Transportation

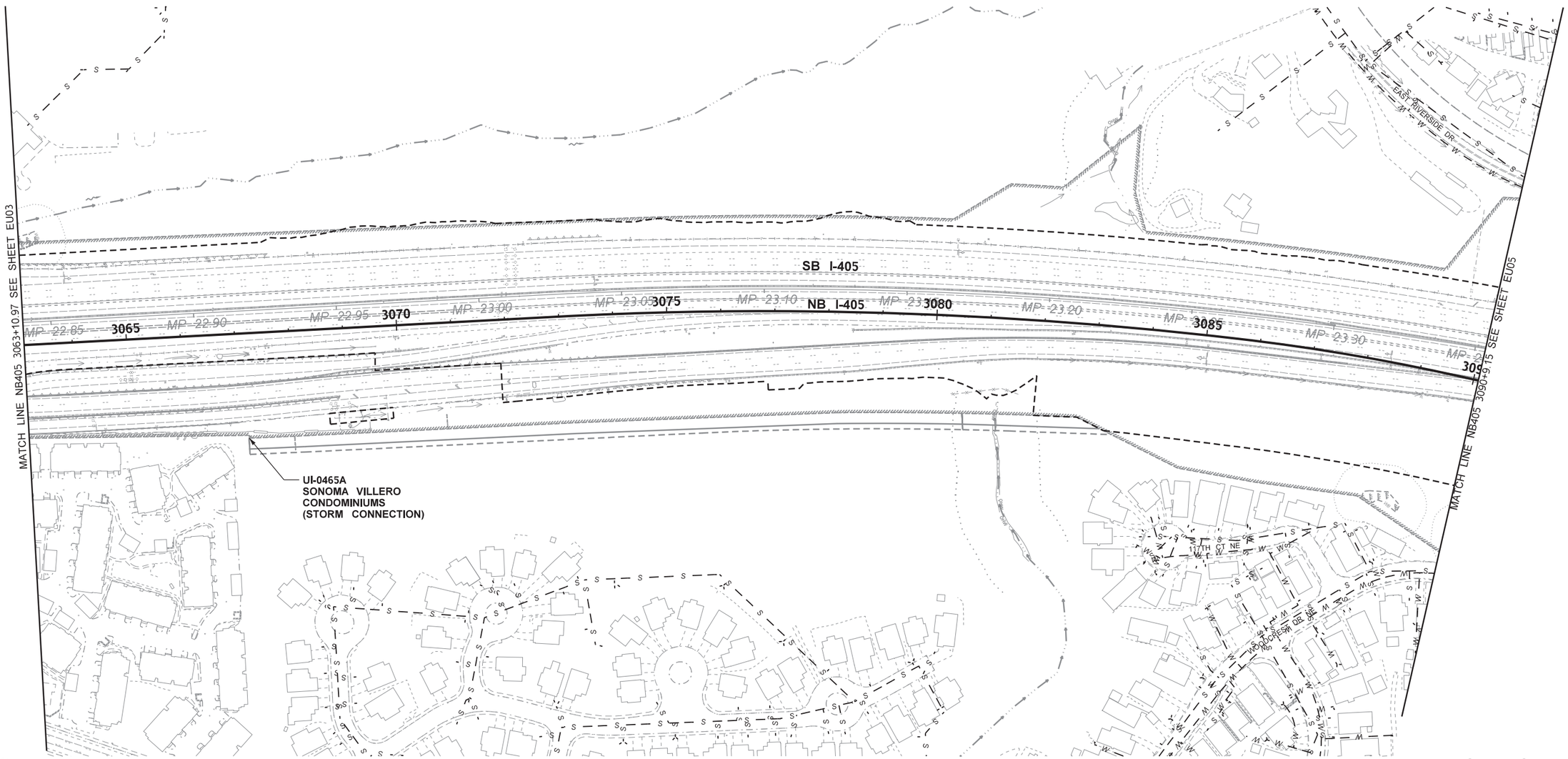
I-405
BRICKYARD PARK AND RIDE INLINE
FREEWAY STATION BRT PROJECT

EXISTING UTILITIES

PLAN REF NO
EU03

SHEET 11 OF 54 SHEETS

T.26N.R.5E.W.M.



NOTES:

1. SEE SHEET EU01 FOR EXISTING UTILITIES LEGEND.

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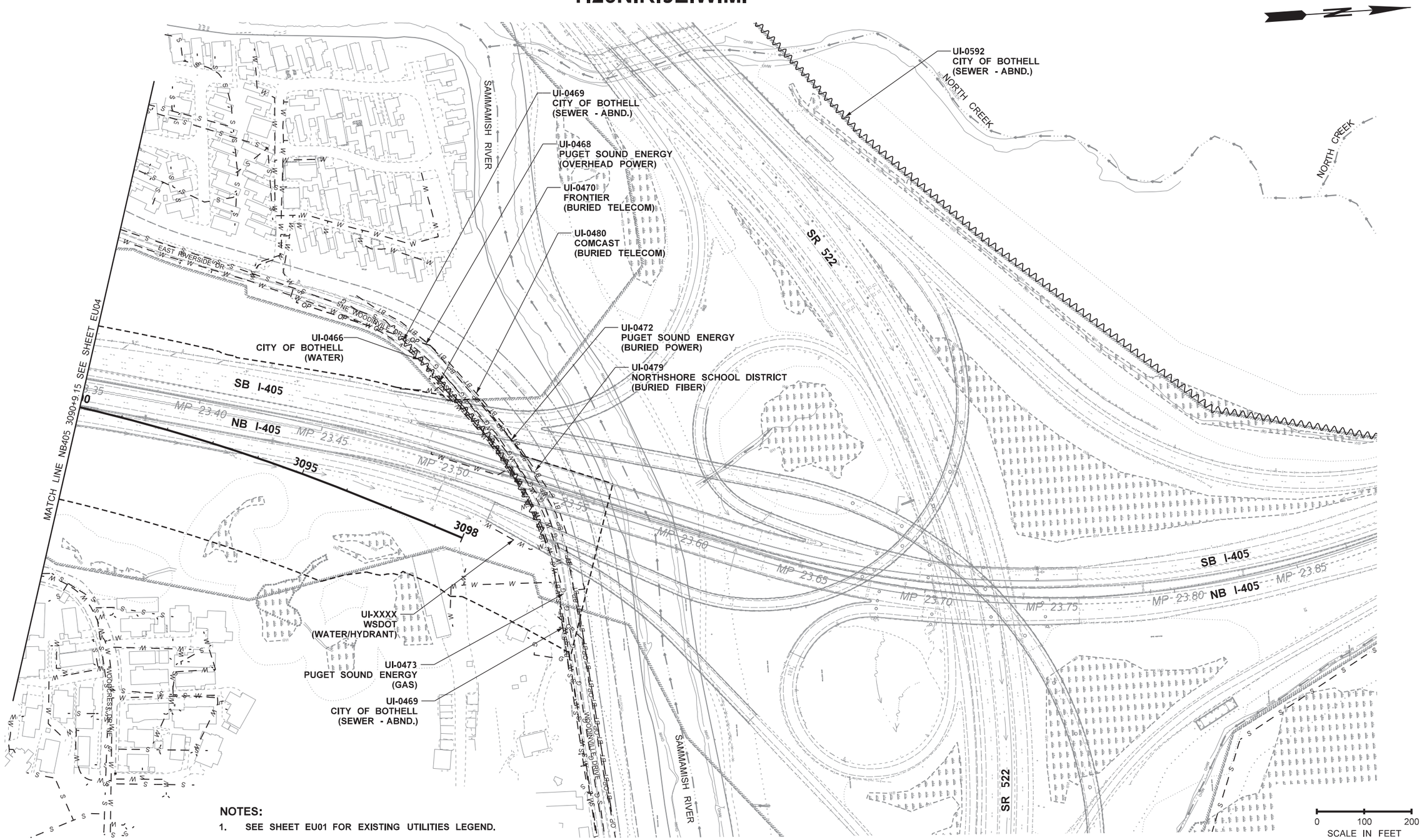
SCALE IN FEET

FILE NAME	c:\users\taylorsu\pw_wsdot\d0253310\XL6138_PS_EU_04.dgn				REGION NO.	STATE	FED.AID PROJ.NO.	REVIEW COPY 5% CONCEPTUAL DESIGN NOT FOR CONSTRUCTION	Washington State Department of Transportation	I-405 BRICKYARD PARK AND RIDE INLINE FREEWAY STATION BRT PROJECT	PLAN REF NO EU04
TIME	2:34:20 PM				10	WASH					
DATE	12/19/2019				JOB NUMBER						SHEET 12 OF 54 SHEETS
PLOTTED BY	taylorsu										
DESIGNED BY	J. GARCIA										
ENTERED BY	S. TAYLOR										
CHECKED BY	B. JAMES				CONTRACT NO.		LOCATION NO.				
PROJ. ENGR.	C. BARNETT						XL6138				
REGIONAL ADM.	K. HENRY	REVISION	DATE	BY						EXISTING UTILITIES	

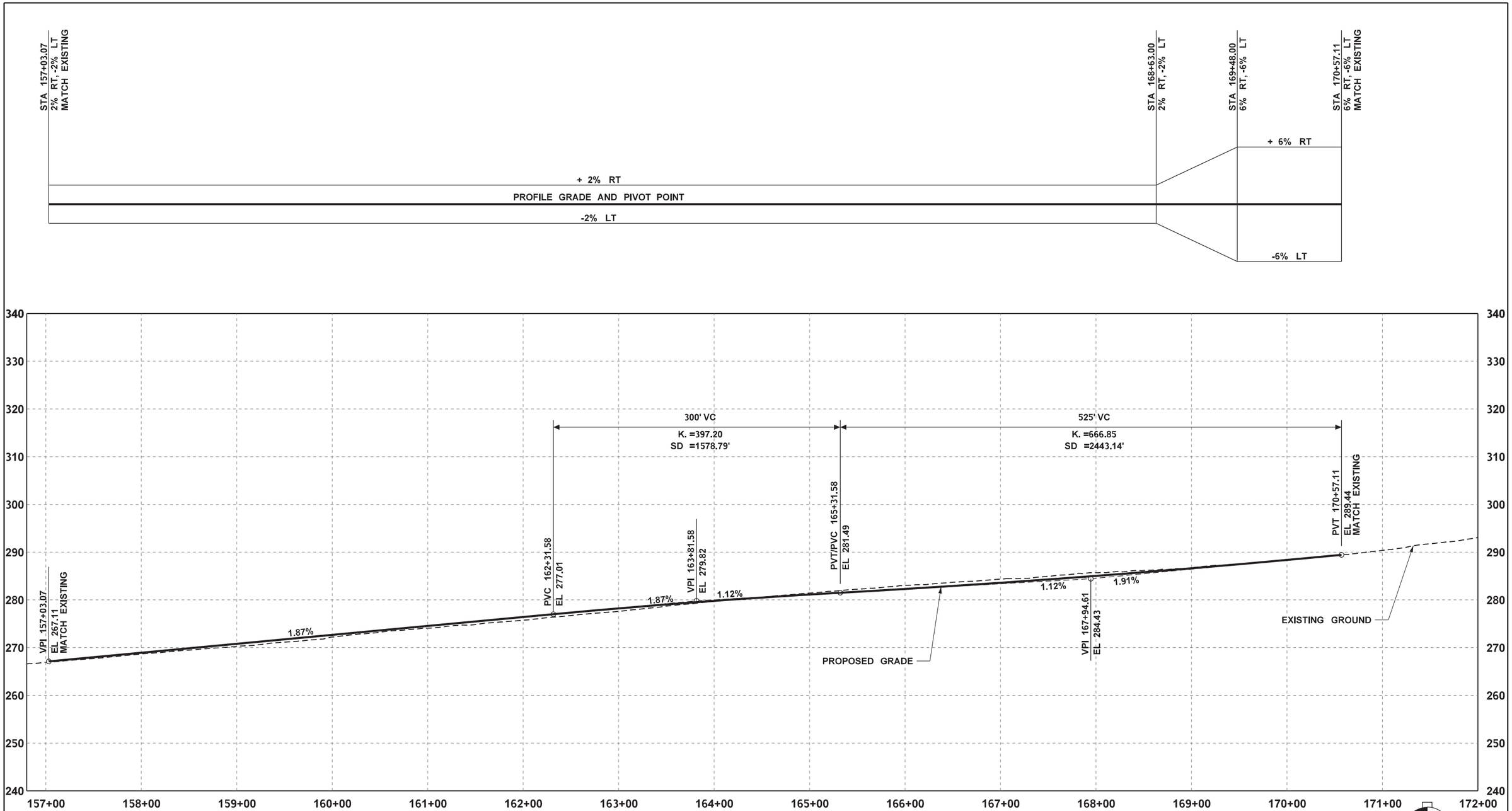
T.26N.R.5E.W.M.



NOTES:

1. SEE SHEET EU01 FOR EXISTING UTILITIES LEGEND.

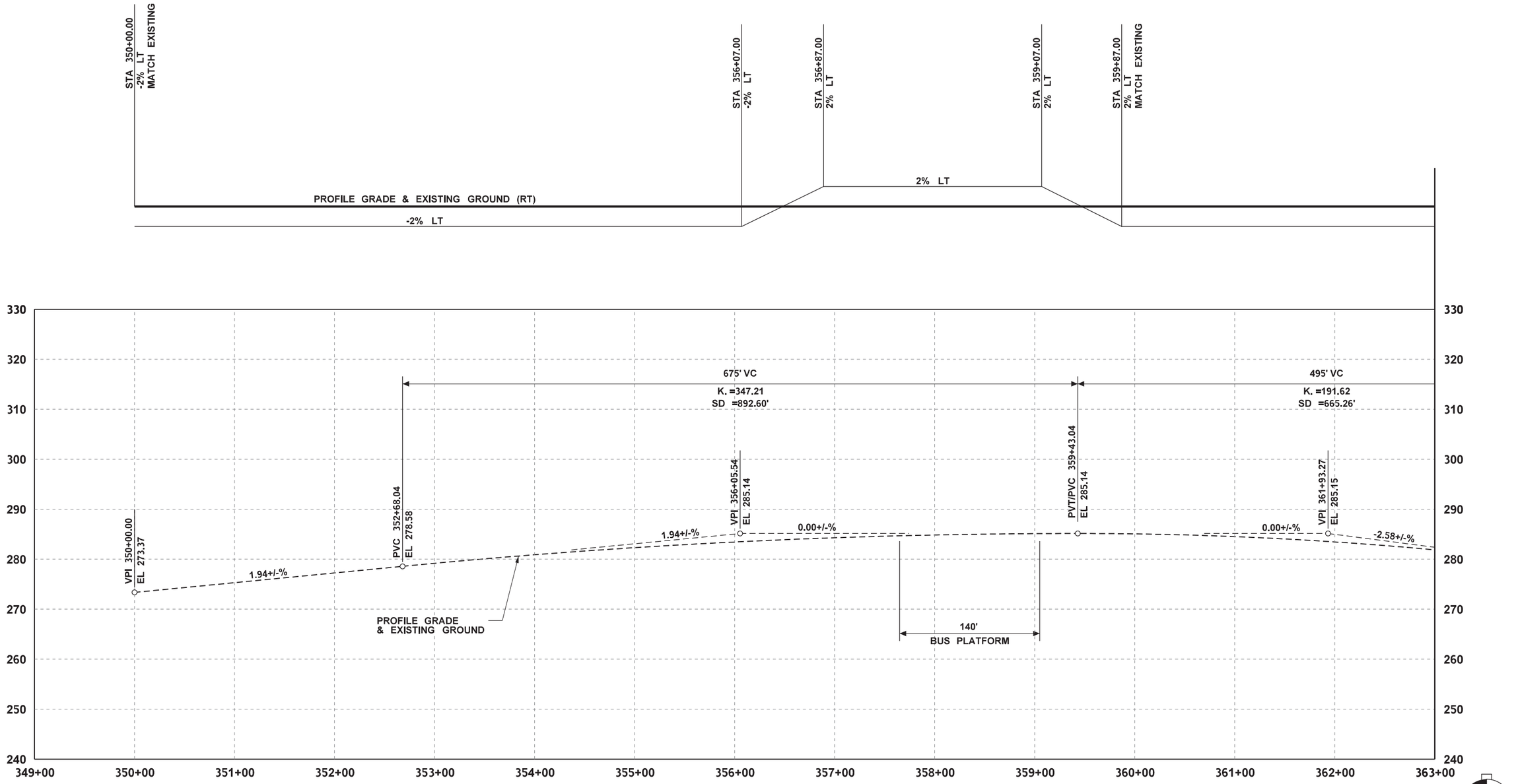
FILE NAME	c:\users\taylorsu\pw_wsdot\d0253310\XL6138_PS_EU_05.dgn				REGION NO.	STATE	FED.AID PROJ.NO.	REVIEW COPY 5% CONCEPTUAL DESIGN NOT FOR CONSTRUCTION	Washington State Department of Transportation	I-405 BRICKYARD PARK AND RIDE INLINE FREEWAY STATION BRT PROJECT	PLAN REF NO EU05
TIME	2:34:23 PM				10	WASH					
DATE	12/19/2019				JOB NUMBER						SHEET 13 OF 54 SHEETS
PLOTTED BY	taylorsu										
DESIGNED BY	J. GARCIA										
ENTERED BY	S. TAYLOR										
CHECKED BY	B. JAMES				CONTRACT NO.		LOCATION NO.				
PROJ. ENGR.	C. BARNETT						XL6138				
REGIONAL ADM.	K. HENRY	REVISION	DATE	BY						EXISTING UTILITIES	



NE 160TH TO SB I-405 ON-RAMP

HZ SCALE : 1"=100'
VERT SCALE : 1"=20'

FILE NAME	c:\users\taylorsu\pw_wsdot\d0253310\XL6138_PS_RP_01.dgn				REGION NO. 10	STATE WASH	FED.AID PROJ.NO.	REVIEW COPY 5% CONCEPTUAL DESIGN NOT FOR CONSTRUCTION	Washington State Department of Transportation	I-405 BRICKYARD PARK AND RIDE INLINE FREEWAY STATION BRT PROJECT	PLAN REF NO RP01
TIME	11:31:02 AM				JOB NUMBER						SHEET 14 OF 54 SHEETS
DATE	1/2/2020										
PLOTTED BY	taylorsu										
DESIGNED BY	K. MONROE										
ENTERED BY	M. VYPLEL										
CHECKED BY	M. ROHILA				CONTRACT NO.		LOCATION NO. XL6138			ROADWAY PROFILES	
PROJ. ENGR.	C. BARNETT										
REGIONAL ADM.	K. HENRY	REVISION	DATE	BY							



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DATE	1/2/2020						
PLOTTED BY	taylorsu				JOB NUMBER		
DESIGNED BY	K. MONROE						
ENTERED BY	M. VYPLEL						
CHECKED BY	M. ROHILA				CONTRACT NO.		LOCATION NO. XL6138
PROJ. ENGR.	C. BARNETT						
REGIONAL ADM.	K. HENRY	REVISION	DATE	BY			

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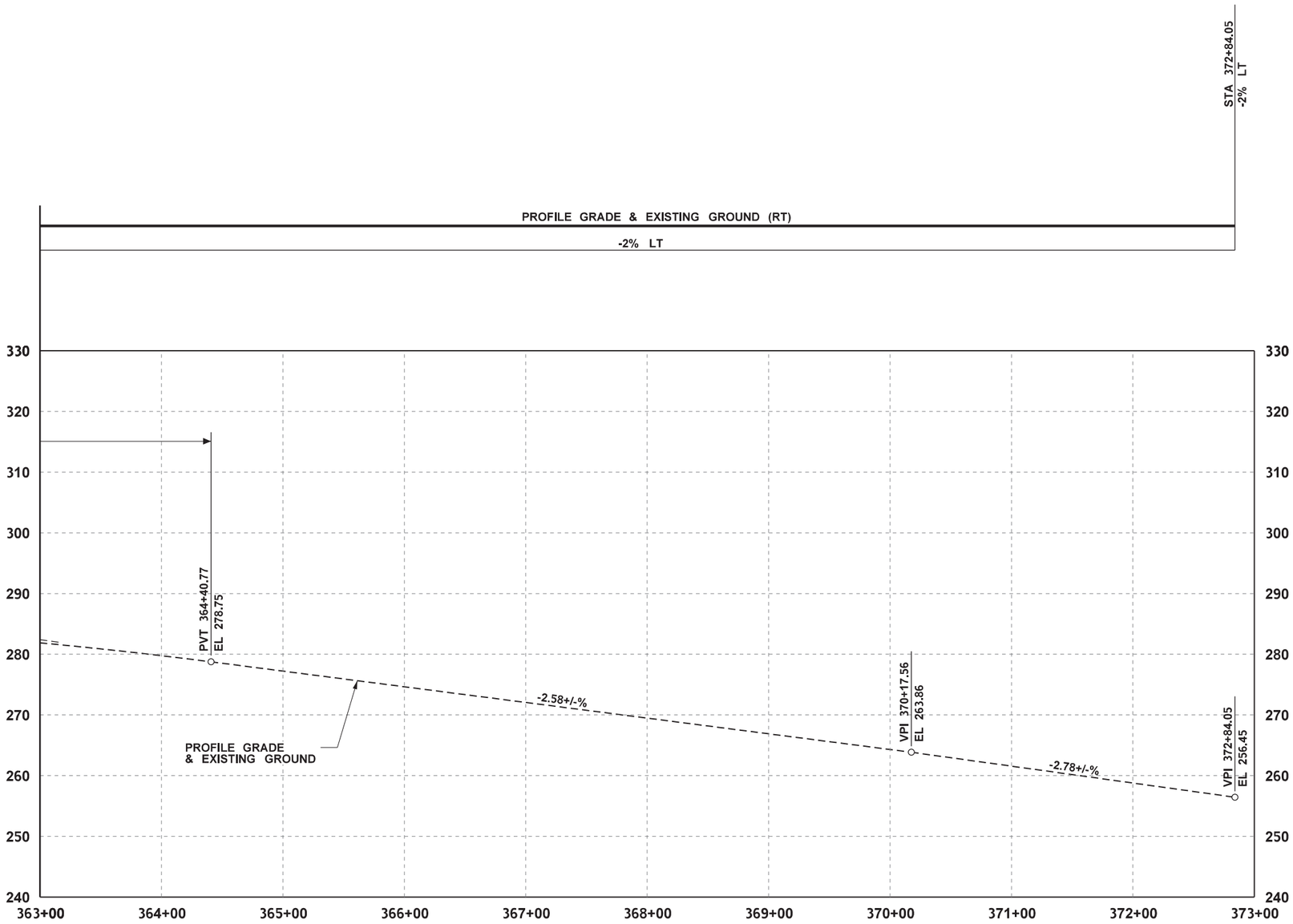
Department of Transportation

I-405
BRICKYARD PARK AND RIDE INLINE
FREEWAY STATION BRT PROJECT

ROADWAY PROFILES

PLAN REF NO
RP02

SHEET
15
OF
54
SHEETS

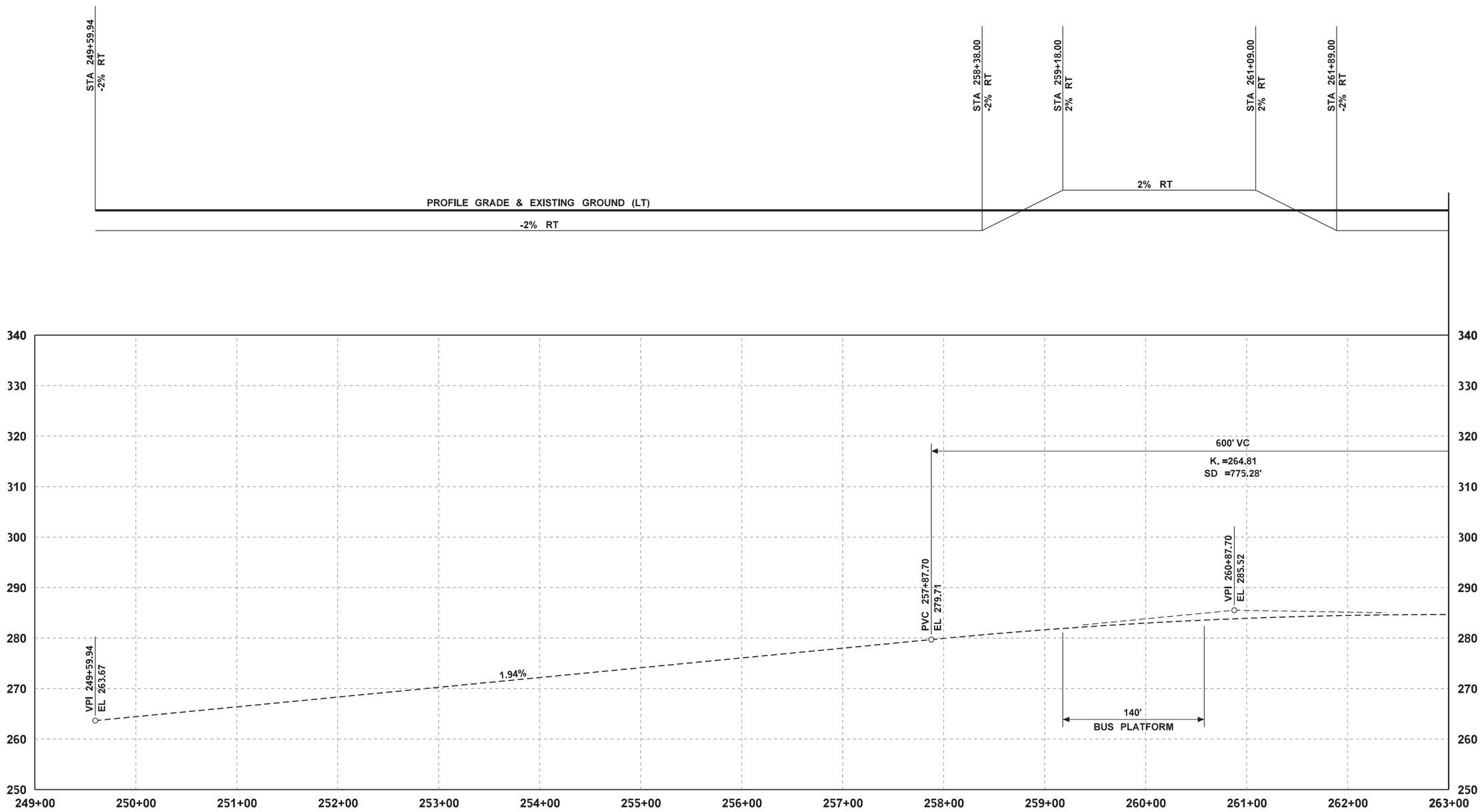


NB-BY STATION

HZ SCALE : 1"=100'
VERT SCALE : 1"=20'

DATUM
(NAVD) 88

FILE NAME	c:\users\taylorsu\pw_wsdot\d0253310\XL6138_PS_RP_03.dgn				REGION NO. 10	STATE WASH	FED.AID PROJ.NO.	REVIEW COPY 5% CONCEPTUAL DESIGN NOT FOR CONSTRUCTION	Washington State Department of Transportation	I-405 BRICKYARD PARK AND RIDE INLINE FREEWAY STATION BRT PROJECT	PLAN REF NO RP03
TIME	11:31:06 AM										
DATE	1/2/2020										
PLOTTED BY	taylorsu										
DESIGNED BY	K. MONROE				JOB NUMBER						
ENTERED BY	M. VYPLEL										
CHECKED BY	M. ROHILA				CONTRACT NO.		LOCATION NO. XL6138			ROADWAY PROFILES	SHEET 16 OF 54 SHEETS
PROJ. ENGR.	C. BARNETT										
REGIONAL ADM.	K. HENRY	REVISION	DATE	BY							



SB-BY STATION

HZ SCALE : 1"=100'
VERT SCALE : 1"=20'

DATUM
(NAVD) 88

FILE NAME	c:\users\taylorsu\pw_wsdot\d0253310\XL6138_PS_RP_04.dgn				REGION NO.	STATE	FED.AID PROJ.NO.	REVIEW COPY 5% CONCEPTUAL DESIGN NOT FOR CONSTRUCTION	Washington State Department of Transportation	I-405 BRICKYARD PARK AND RIDE INLINE FREEWAY STATION BRT PROJECT	PLAN REF NO RP04
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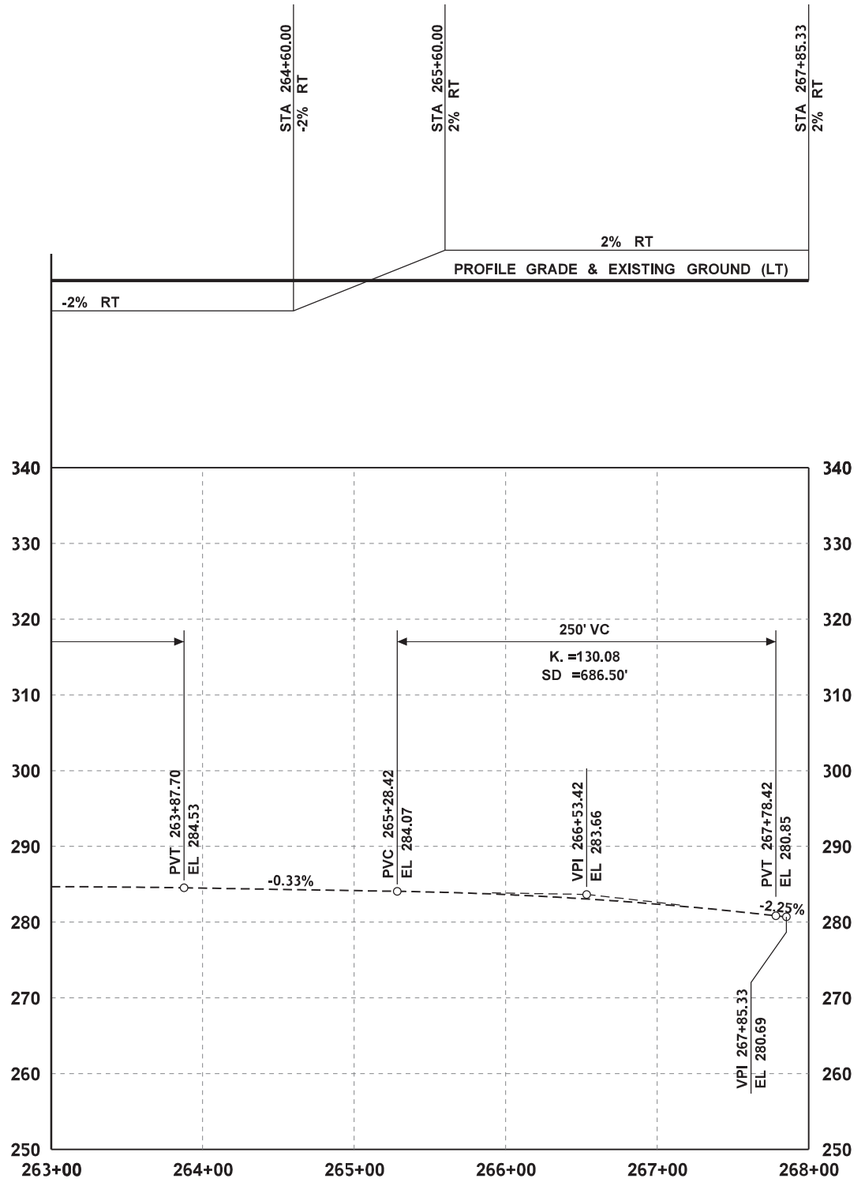
DATE	1/2/2020				JOB NUMBER						SHEET 17 OF 54 SHEETS
PLOTTED BY	taylorsu										
DESIGNED BY	K. MONROE										
ENTERED BY	M. VYPLEL										
CHECKED BY	M. ROHILA				CONTRACT NO.		LOCATION NO.			ROADWAY PROFILES	
PROJ. ENGR.	C. BARNETT						XL6138				
REGIONAL ADM.	K. HENRY	REVISION	DATE	BY							



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HZ SCALE : 1"=100'
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DATUM

(NAVD) 88

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DATE	1/2/2020						
PLOTTED BY	taylorsu						
DESIGNED BY	K. MONROE				CONTRACT NO.		LOCATION NO. XL6138
ENTERED BY	M. VYPLEL						
CHECKED BY	M. ROHILA						
PROJ. ENGR.	C. BARNETT						
REGIONAL ADM.	K. HENRY	REVISION	DATE	BY			

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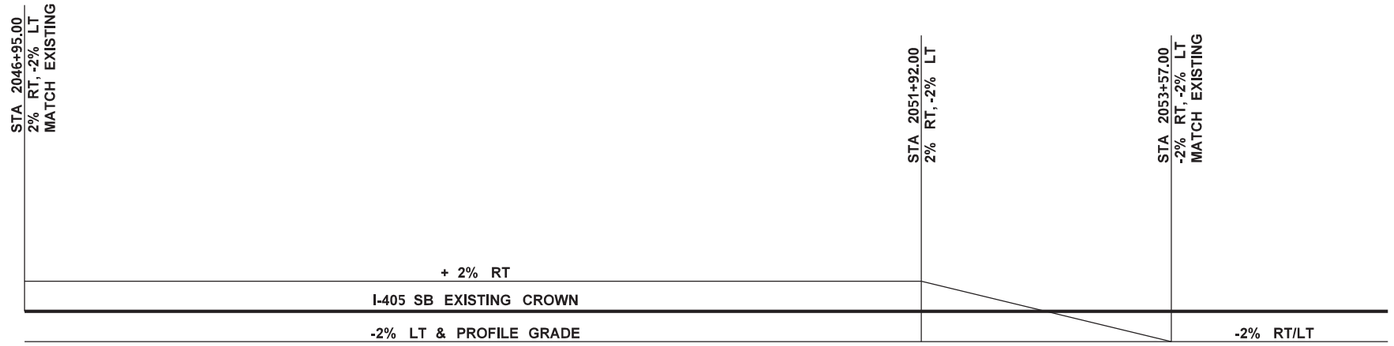
Washington State
Department of Transportation

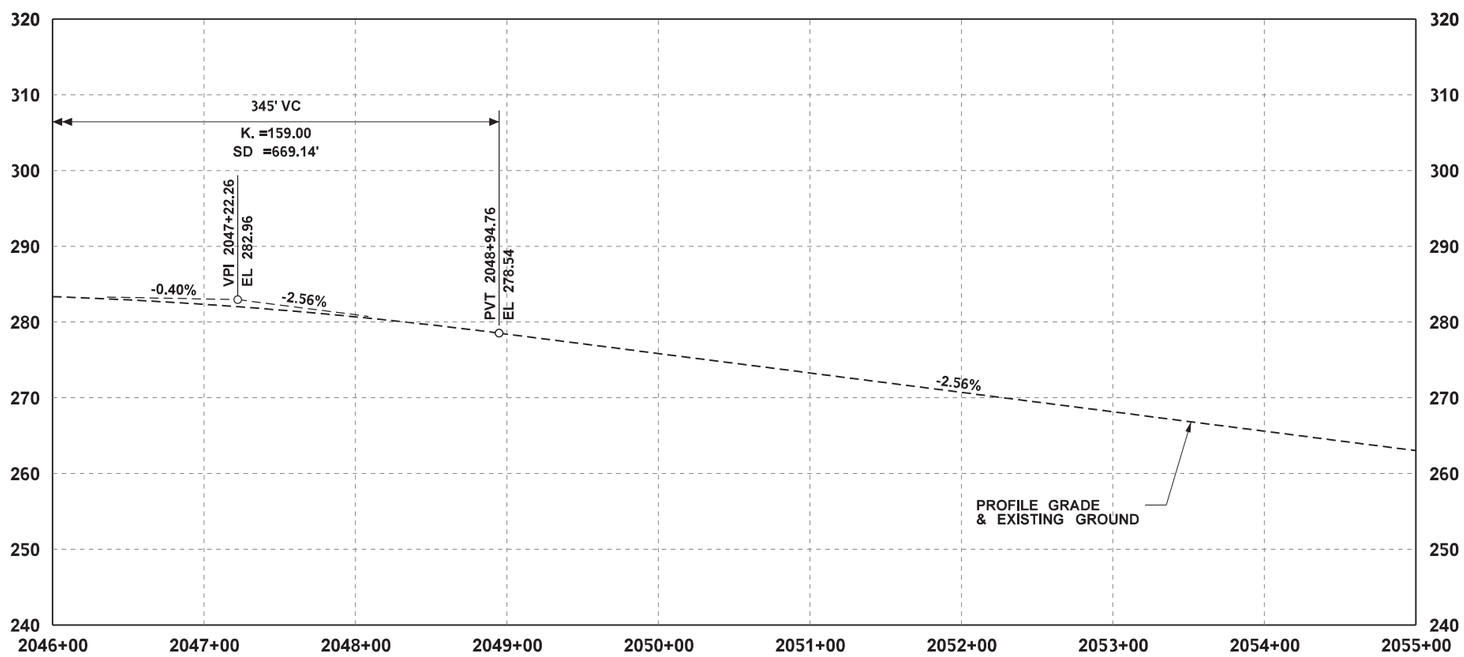
I-405
BRICKYARD PARK AND RIDE INLINE
FREEWAY STATION BRT PROJECT

ROADWAY PROFILES

PLAN REF NO
RP05

SHEET 18 OF 54 SHEETS





SB I-405 MAINLINE

HZ SCALE : 1"=100'
VERT SCALE : 1"=20'

DATUM
(NAVD) 88

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DATE	1/2/2020				JOB NUMBER		
PLOTTED BY	taylorsu						
DESIGNED BY	K. MONROE						
ENTERED BY	M. VYPLEL						
CHECKED BY	M. ROHILA				CONTRACT NO.		LOCATION NO. XL6138
PROJ. ENGR.	C. BARNETT						
REGIONAL ADM.	K. HENRY	REVISION	DATE	BY			

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Washington State
Department of Transportation

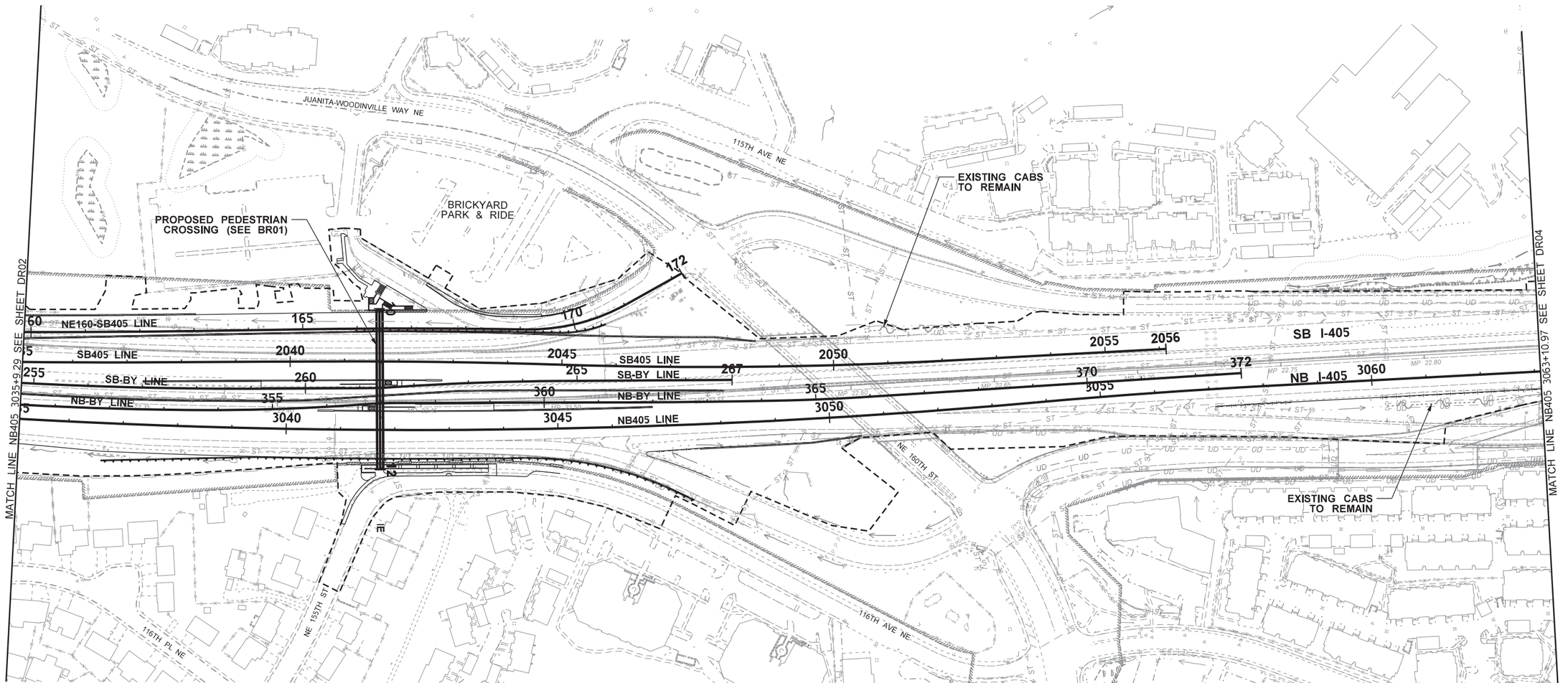
I-405
BRICKYARD PARK AND RIDE INLINE
FREEWAY STATION BRT PROJECT

ROADWAY PROFILES

PLAN REF NO
RP06

SHEET 19 OF 54 SHEETS

T.26N.R.5E.W.M.



DRAINAGE LEGEND:

- WSDOT RIGHT OF WAY LINE
- EXISTING WETLAND
- WETLAND MITIGATION BUFFER
- STREAM BUFFER
- ORDINARY HIGH WATER LINE
- STREAM OR DITCH
- EXISTING CULVERT
- EXISTING STORM DRAIN
- PROPOSED CULVERT
- CUT/ FILL LINE
- EXISTING DRAINAGE STRUCTURE
- PROPOSED DRAINAGE STRUCTURE
- EXISTING MEDIA FILTER DRAIN (MFD)
- PROPOSED COMPOST AMENDED BIOFILTRATION SWALE (CABS)
- EXISTING COMPOST AMENDED BIOFILTRATION SWALE (CABS)
- EXISTING BARRIER
- PROPOSED BARRIER
- PROPOSED RETAINING WALL
- PROPOSED NOISE WALL
- NEW EDGE OF PAVEMENT
- IMPACT LINE

FILE NAME	c:\users\taylorsu\pw_wsdot\d0253310\XL6138_PS_DR_03.dgn
TIME	11:28:05 AM
DATE	1/2/2020
PLOTTED BY	taylorsu
DESIGNED BY	J. AIROLDI
ENTERED BY	M. VYPLEL
CHECKED BY	F. GHADAMSI
PROJ. ENGR.	C. BARNETT
REGIONAL ADM.	K. HENRY

REVISION	DATE	BY

REGION NO.	STATE	FED.AID PROJ.NO.
10	WASH	
JOB NUMBER		
CONTRACT NO.		LOCATION NO. XL6138

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Washington State Department of Transportation

I-405
BRICKYARD PARK AND RIDE INLINE FREEWAY STATION BRT PROJECT

DRAINAGE PLAN

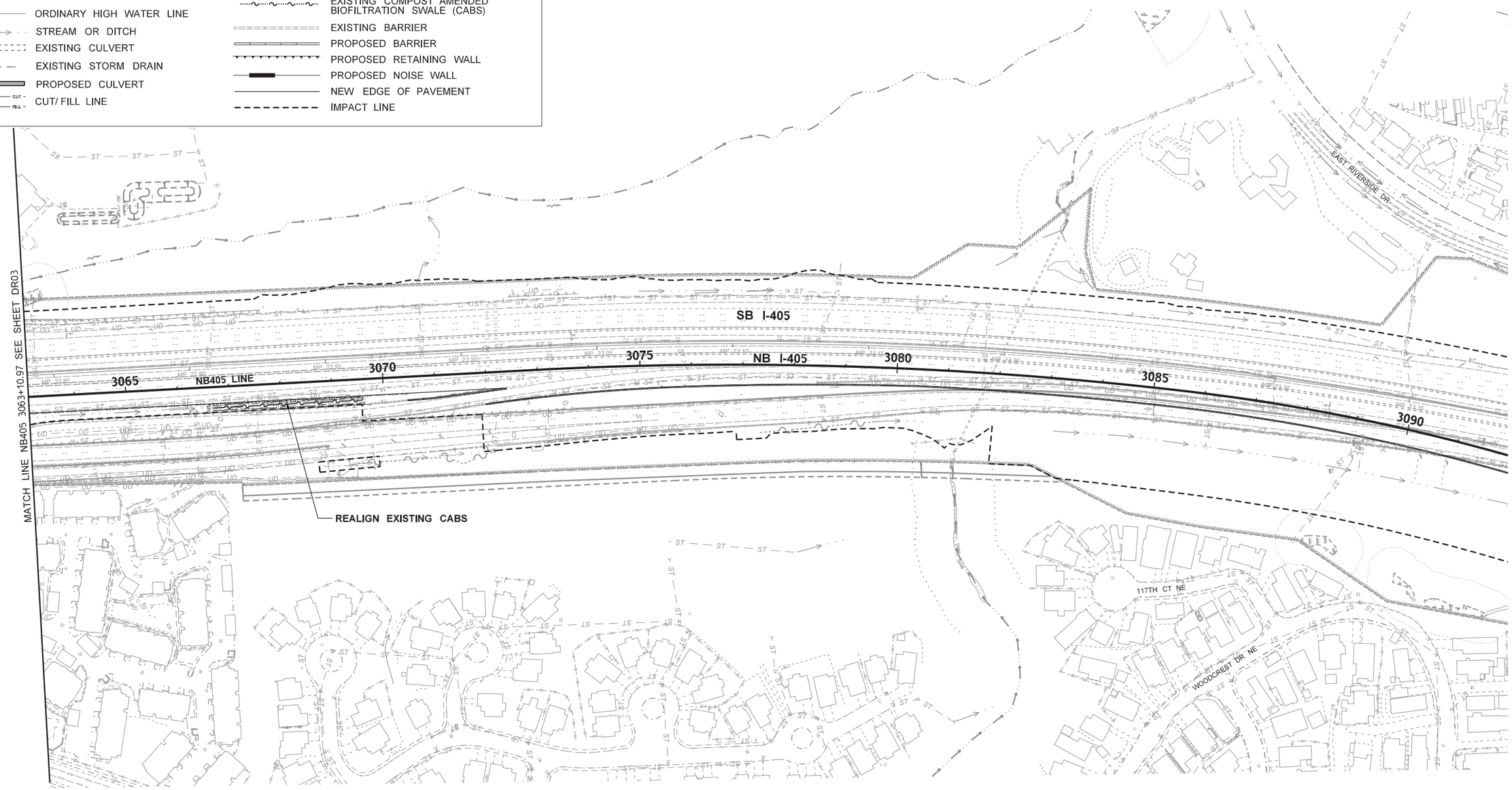
PLAN REF NO DR03

SHEET 21 OF 54 SHEETS

DRAINAGE LEGEND:

- WSDOT RIGHT OF WAY LINE
- EXISTING WETLAND
- WETLAND MITIGATION BUFFER
- STREAM BUFFER
- ORDINARY HIGH WATER LINE
- STREAM OR DITCH
- EXISTING CULVERT
- EXISTING STORM DRAIN
- PROPOSED CULVERT
- CUT/ FILL LINE
- EXISTING DRAINAGE STRUCTURE
- PROPOSED DRAINAGE STRUCTURE
- EXISTING MEDIA FILTER DRAIN (MFD)
- PROPOSED COMPOST AMENDED BIOFILTRATION SWALE (CABS)
- EXISTING COMPOST AMENDED BIOFILTRATION SWALE (CABS)
- EXISTING BARRIER
- PROPOSED BARRIER
- PROPOSED RETAINING WALL
- PROPOSED NOISE WALL
- NEW EDGE OF PAVEMENT
- IMPACT LINE

T.26N.R.5E.W.M.



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DATE	1/2/2020						
PLOTTED BY	taylorsu				JOB NUMBER		
DESIGNED BY	J. AIROLDI						
ENTERED BY	M. VYPLEL						
CHECKED BY	F. GHADAMSI				CONTRACT NO.		LOCATION NO. XL6138
PROJ. ENGR.	C. BARNETT						
REGIONAL ADM.	K. HENRY	REVISION	DATE	BY			

REVIEW COPY
5% CONCEPTUAL DESIGN
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Washington State
Department of Transportation

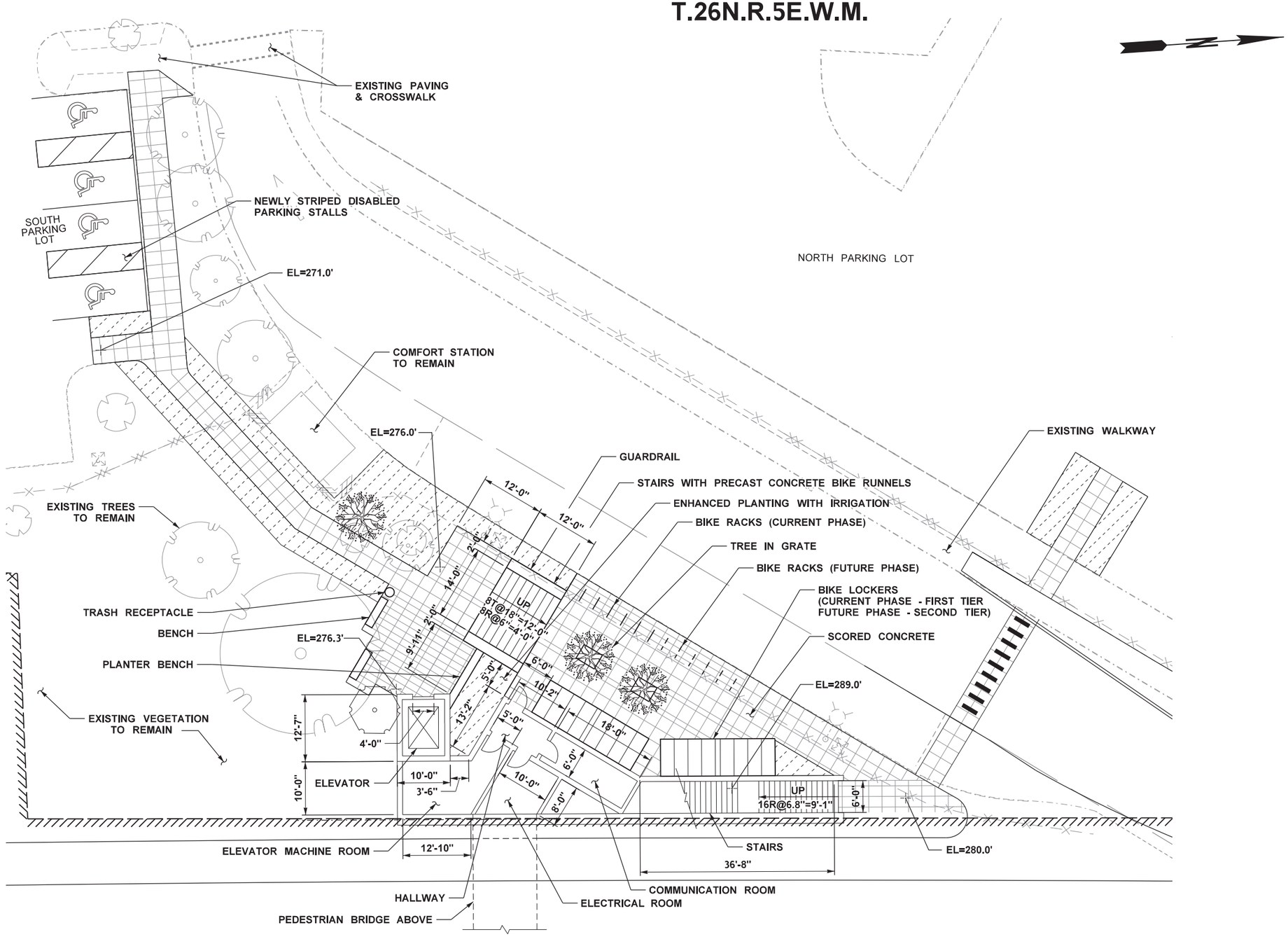
I-405
BRICKYARD PARK AND RIDE INLINE
FREEWAY STATION BRT PROJECT

DRAINAGE PLAN

PLAN REF NO
DR04

SHEET 22 OF 54 SHEETS

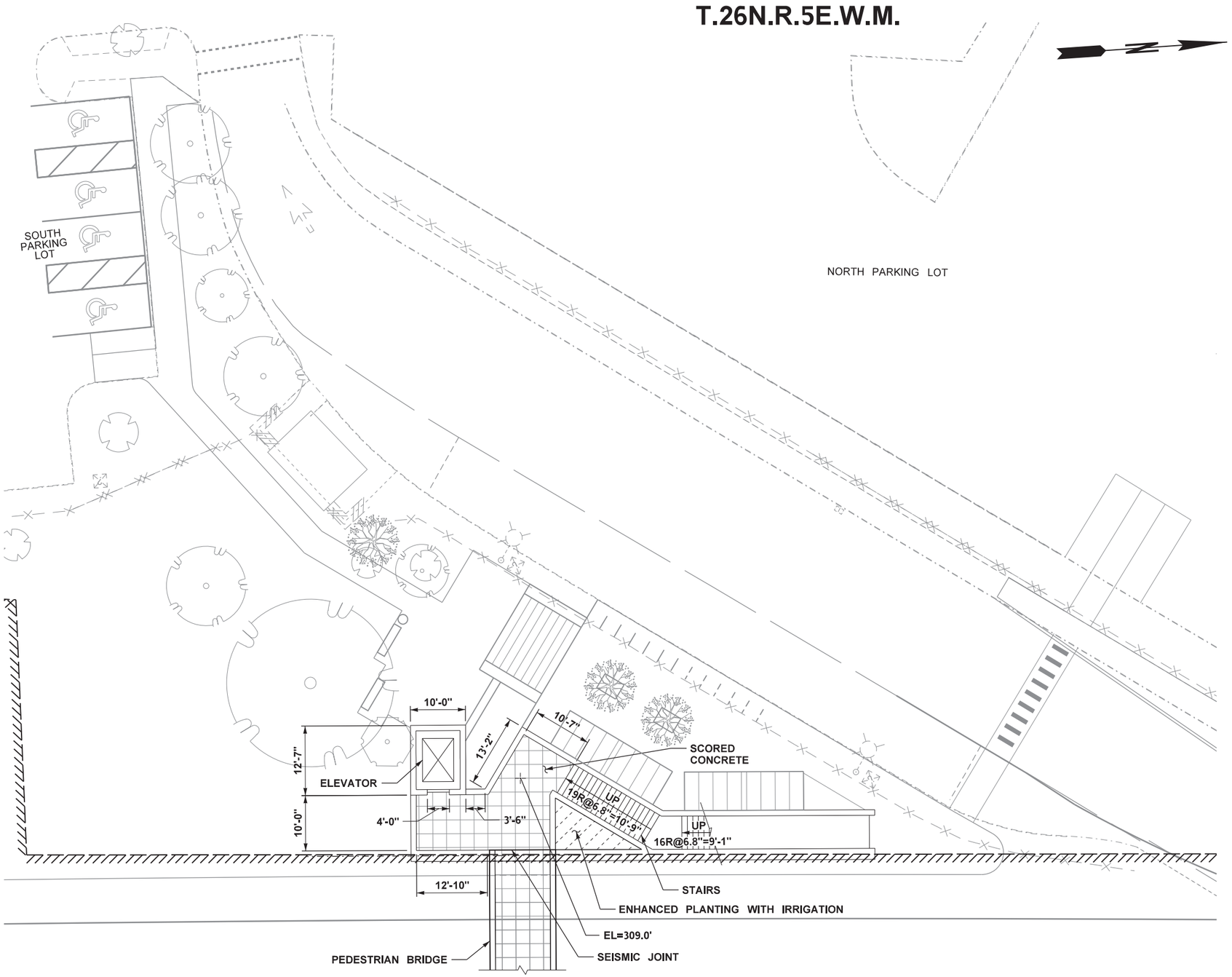
T.26N.R.5E.W.M.



PLAZA SITE PLAN

0 10 20
SCALE IN FEET

FILE NAME	c:\users\vyplemi\pw_wsdot\d0253310\XL6138_PS_LS_01.dgn				REGION NO. 10	STATE WASH	FED.AID PROJ.NO.	REVIEW COPY 5% CONCEPTUAL DESIGN NOT FOR CONSTRUCTION	Washington State Department of Transportation	I-405 BRICKYARD PARK AND RIDE INLINE FREEWAY STATION BRT PROJECT	PLAN REF NO LS01
TIME	8:57:01 AM										
DATE	12/23/2019										
PLOTTED BY	vyplemi				JOB NUMBER						
DESIGNED BY	M. McWREATH										
ENTERED BY	M. VYPLEL										
CHECKED BY	B. ELROD				CONTRACT NO.		LOCATION NO. XL6138				
PROJ. ENGR.	C. BARNETT										
REGIONAL ADM.	K. HENRY	REVISION	DATE	BY						LANDSCAPE & URBAN DESIGN PLAN	SHEET 24 OF 54 SHEETS

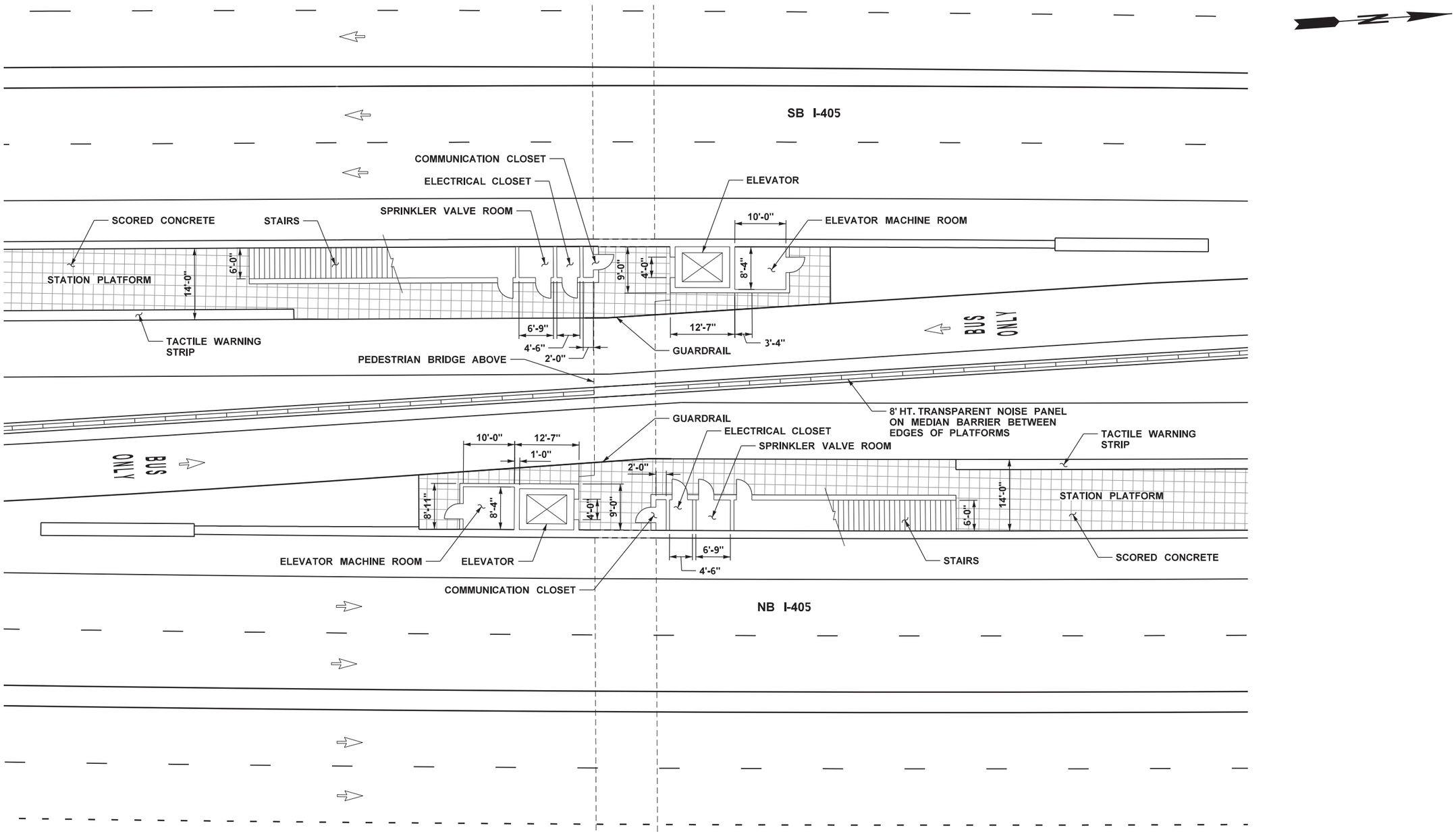


PLAZA SECOND FLOOR PLAN

0 10 20
SCALE IN FEET

FILE NAME	c:\users\vyplemi\pw_wsdot\d0253310\XL6138_PS_LS_02.dgn				REGION NO. 10	STATE WASH	FED.AID PROJ.NO.	REVIEW COPY 5% CONCEPTUAL DESIGN NOT FOR CONSTRUCTION		Washington State Department of Transportation	I-405 BRICKYARD PARK AND RIDE INLINE FREEWAY STATION BRT PROJECT	PLAN REF NO LS02
TIME	8:54:25 AM											SHEET 25 OF 54 SHEETS
DATE	12/23/2019											
PLOTTED BY	vyplemi				JOB NUMBER							
DESIGNED BY	M. McWREATH											
ENTERED BY	M. VYPLEL											
CHECKED BY	B. ELROD				CONTRACT NO.		LOCATION NO. XL6138				LANDSCAPE & URBAN DESIGN PLAN	
PROJ. ENGR.	C. BARNETT											
REGIONAL ADM.	K. HENRY	REVISION	DATE	BY								

T.26N.R.5E.W.M.



SITE PLAN

0 10 20
SCALE IN FEET

FILE NAME	c:\users\vyplemi\pw_wsdot\d0253310\XL6138_PS_LS_03.dgn						
TIME	8:51:37 AM				REGION NO. 10	STATE WASH	FED.AID PROJ.NO.
DATE	12/23/2019				JOB NUMBER		
PLOTTED BY	vyplemi						
DESIGNED BY	M. McWREATH						
ENTERED BY	M. VYPLEL						
CHECKED BY	B. ELROD				CONTRACT NO.		LOCATION NO. XL6138
PROJ. ENGR.	C. BARNETT						
REGIONAL ADM.	K. HENRY	REVISION	DATE	BY			

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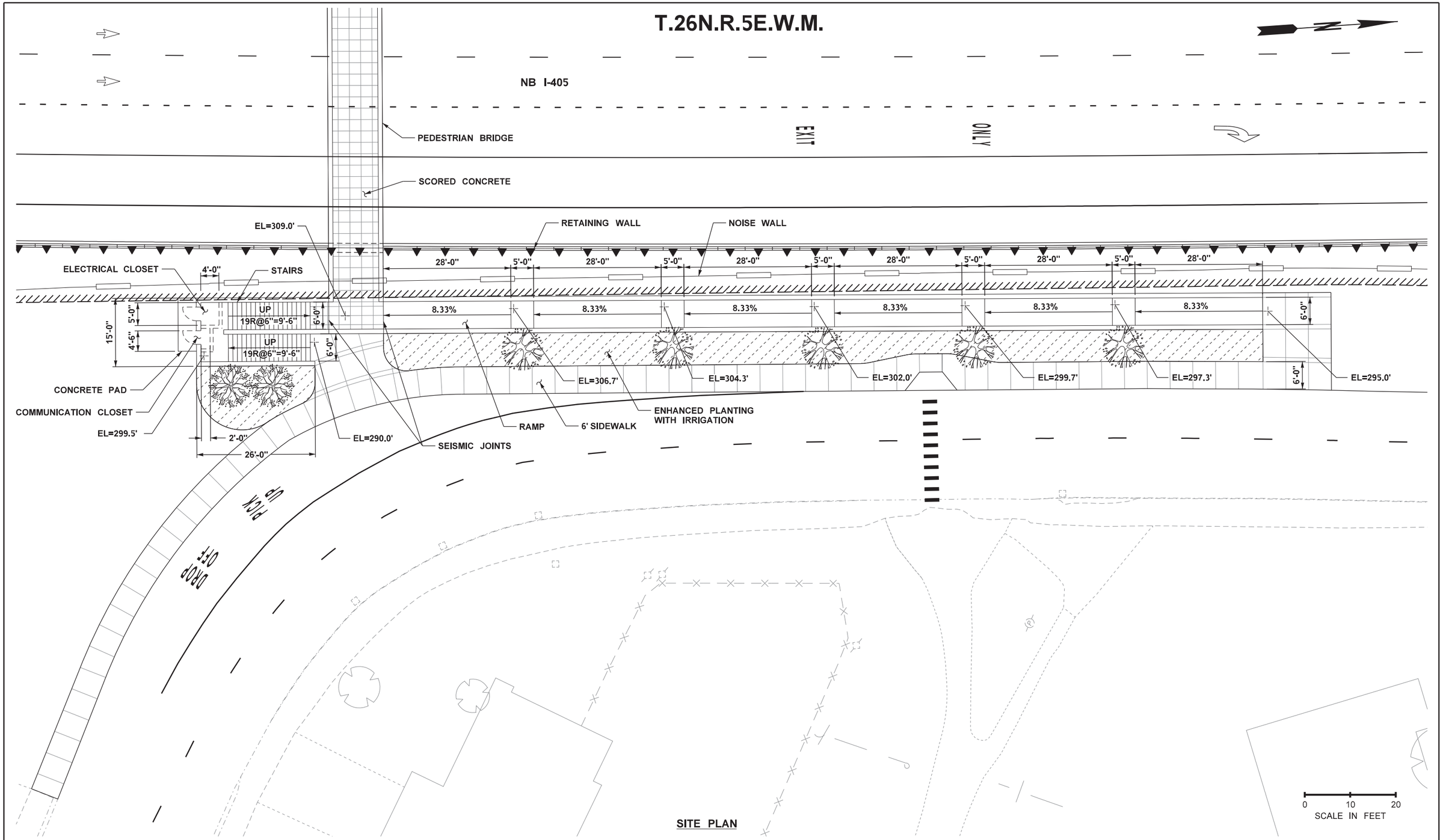
I-405
BRICKYARD PARK AND RIDE INLINE
FREEWAY STATION BRT PROJECT

LANDSCAPE & URBAN DESIGN PLAN

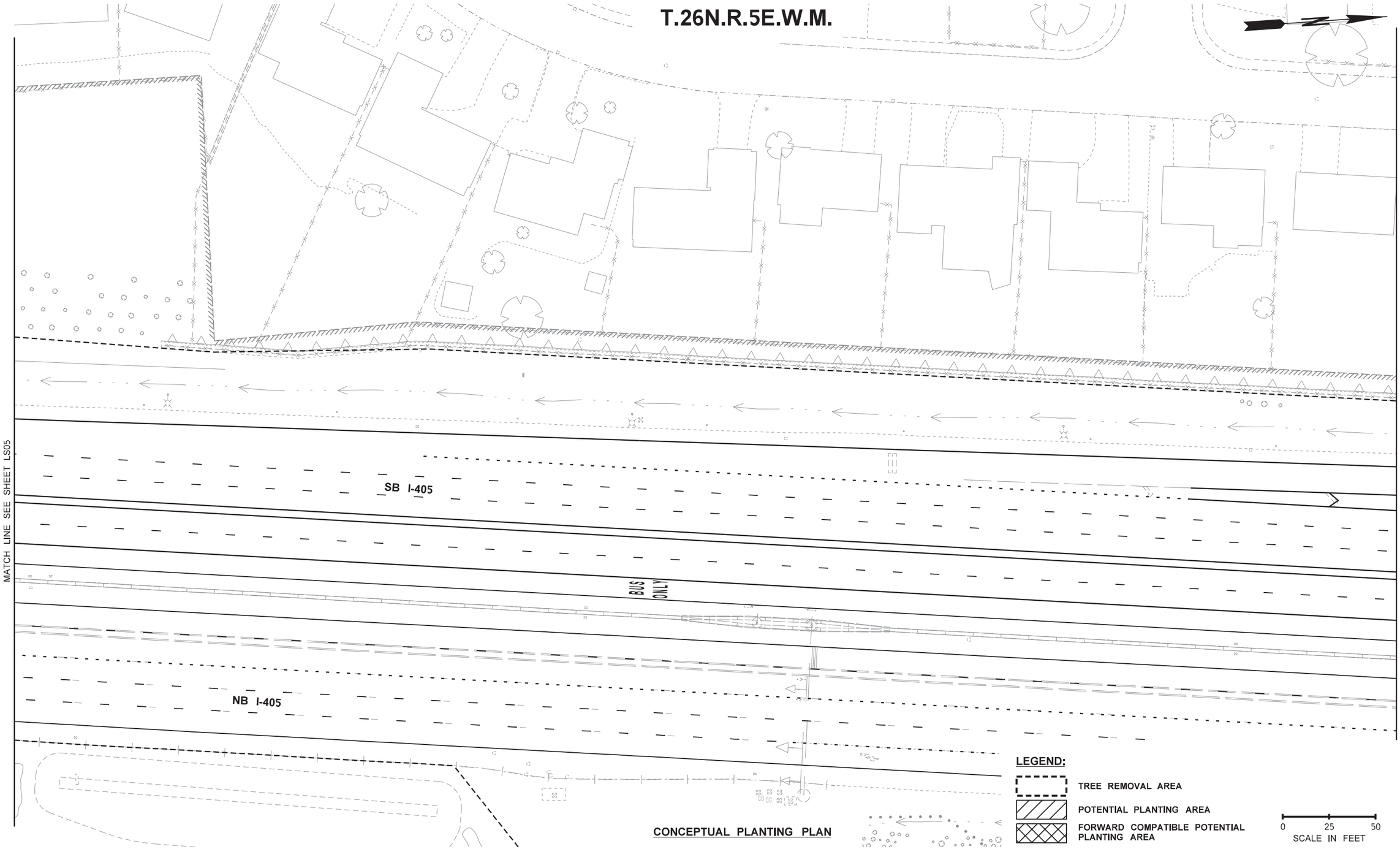
PLAN REF NO
LS03

SHEET 26 OF 54 SHEETS



SITE PLAN

FILE NAME	c:\users\vyplemi\pw_wsdot\d0253310\XL6138_PS_LS_04.dgn				REGION NO. 10	STATE WASH	FED.AID PROJ.NO.	REVIEW COPY 5% CONCEPTUAL DESIGN NOT FOR CONSTRUCTION	Washington State Department of Transportation	I-405 BRICKYARD PARK AND RIDE INLINE FREEWAY STATION BRT PROJECT	PLAN REF NO LS04
TIME	7:44:39 AM				JOB NUMBER						SHEET 27 OF 54 SHEETS
DATE	12/23/2019										
PLOTTED BY	vyplemi										
DESIGNED BY	M. McWREATH										
ENTERED BY	M. VYPLEL										
CHECKED BY	B. ELROD				CONTRACT NO.		LOCATION NO. XL6138			LANDSCAPE & URBAN DESIGN PLAN	
PROJ. ENGR.	C. BARNETT										
REGIONAL ADM.	K. HENRY	REVISION	DATE	BY							



CONCEPTUAL PLANTING PLAN

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TIME	9:16:57 AM				10	WASH	
DATE	12/19/2019				JOB NUMBER		
PLOTTED BY	vyplemi						
DESIGNED BY	M. McWREATH				CONTRACT NO.		LOCATION NO.
ENTERED BY	M. VYPLEL						XL6138
CHECKED BY	B. ELROD						
PROJ. ENGR.	C. BARNETT						
REGIONAL ADM.	K. HENRY	REVISION	DATE	BY			

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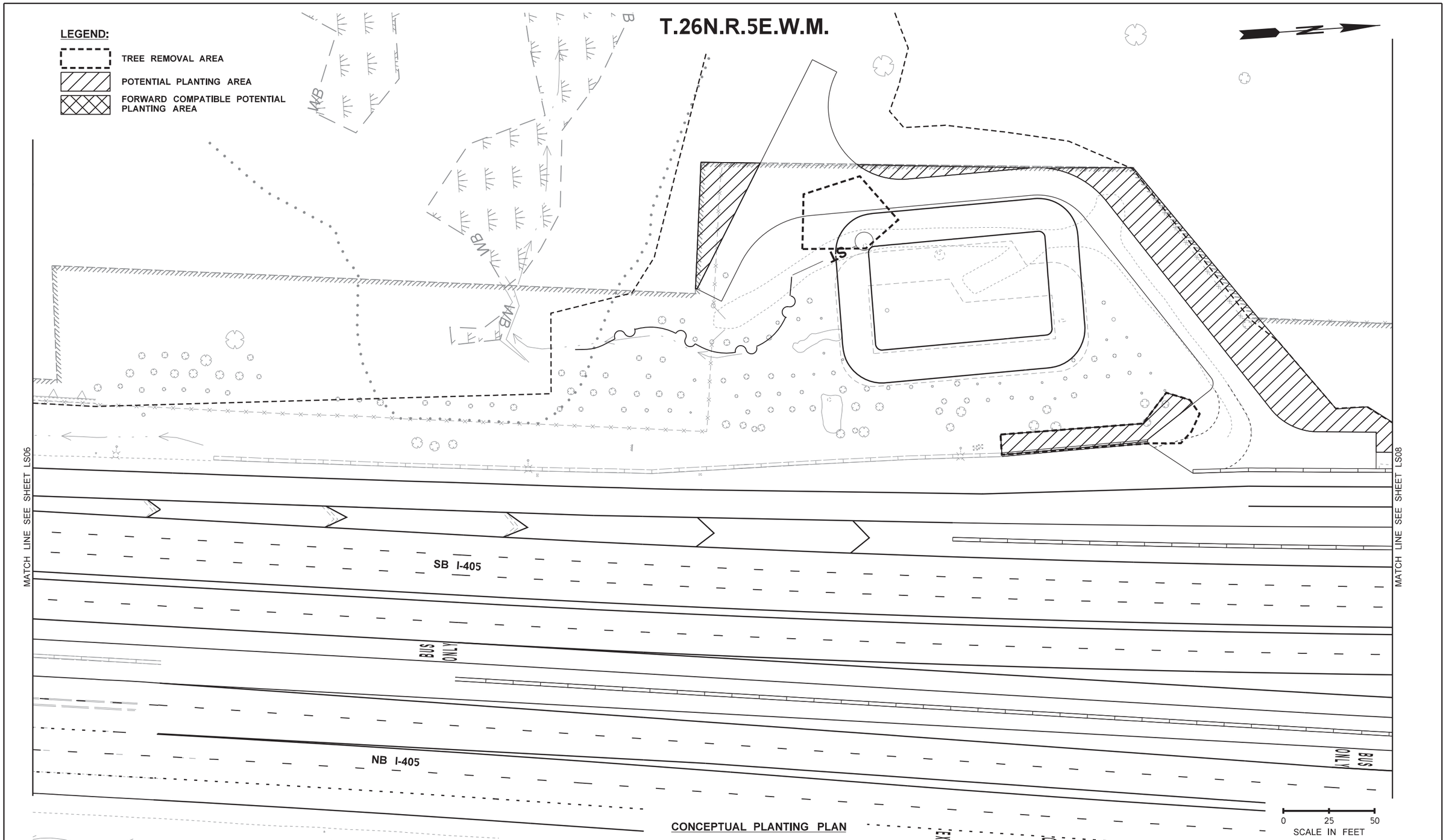
BRICKYARD PARK AND RIDE INLINE
FREEWAY STATION BRT PROJECT

LANDSCAPE & URBAN DESIGN PLAN

PLAN REF NO
LS06

SHEET 29 OF 54 SHEETS



CONCEPTUAL PLANTING PLAN

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TIME	9:17:00 AM
DATE	12/19/2019
PLOTTED BY	vyplemi
DESIGNED BY	M. McWREATH
ENTERED BY	M. VYPLEL
CHECKED BY	B. ELROD
PROJ. ENGR.	C. BARNETT
REGIONAL ADM.	K. HENRY

REVISION	DATE	BY

REGION NO.	STATE	FED.AID PROJ.NO.
10	WASH	
JOB NUMBER		
CONTRACT NO.		LOCATION NO. XL6138

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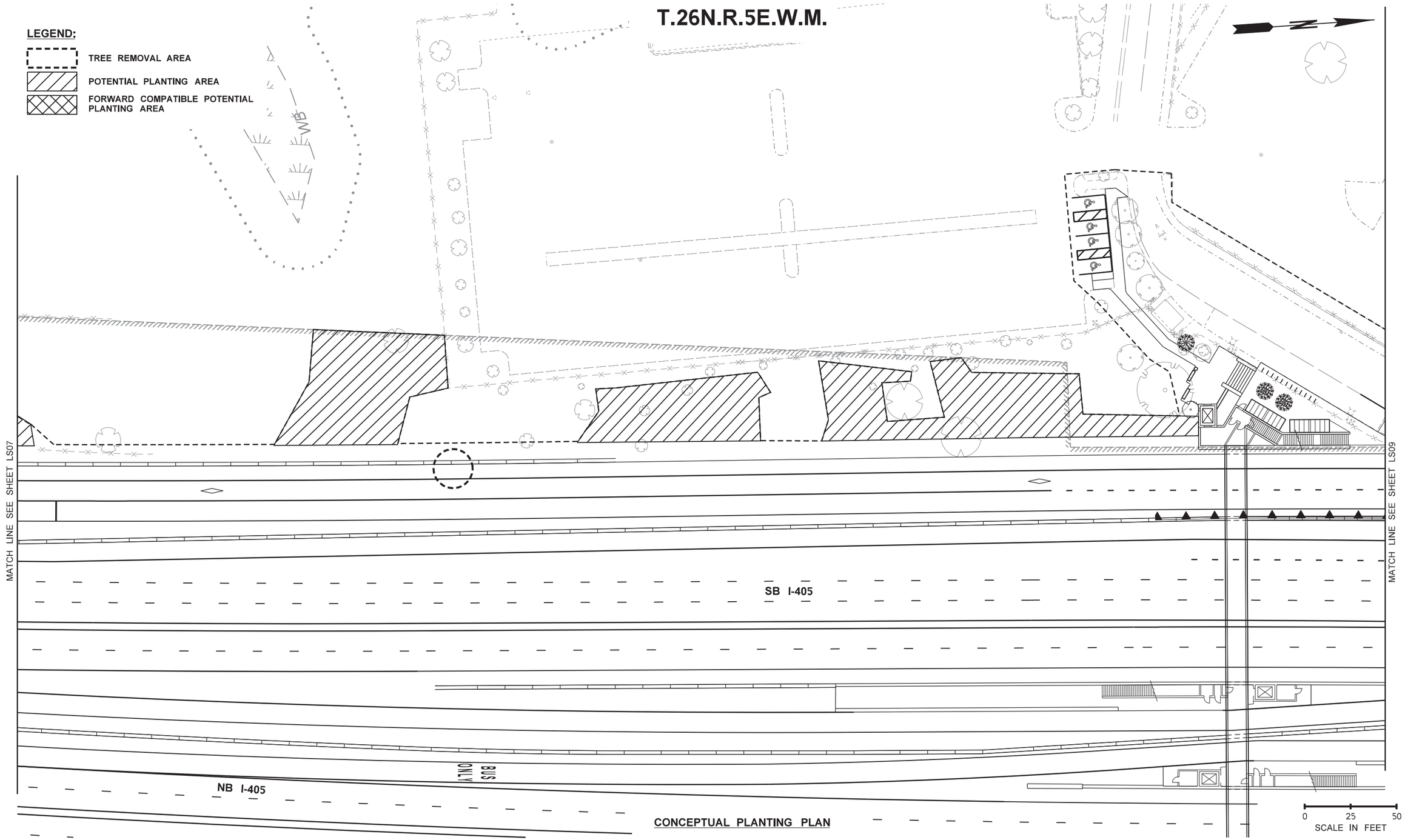
Washington State Department of Transportation

I-405
BRICKYARD PARK AND RIDE INLINE
FREEWAY STATION BRT PROJECT

LANDSCAPE & URBAN DESIGN PLAN

PLAN REF NO LS07

SHEET 30 OF 54 SHEETS



CONCEPTUAL PLANTING PLAN

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TIME	9:17:04 AM				JOB NUMBER		
DATE	12/19/2019						
PLOTTED BY	vyplemi						
DESIGNED BY	M. McWREATH						
ENTERED BY	M. VYPLEL						
CHECKED BY	B. ELROD				CONTRACT NO.		LOCATION NO. XL6138
PROJ. ENGR.	C. BARNETT						
REGIONAL ADM.	K. HENRY	REVISION	DATE	BY			

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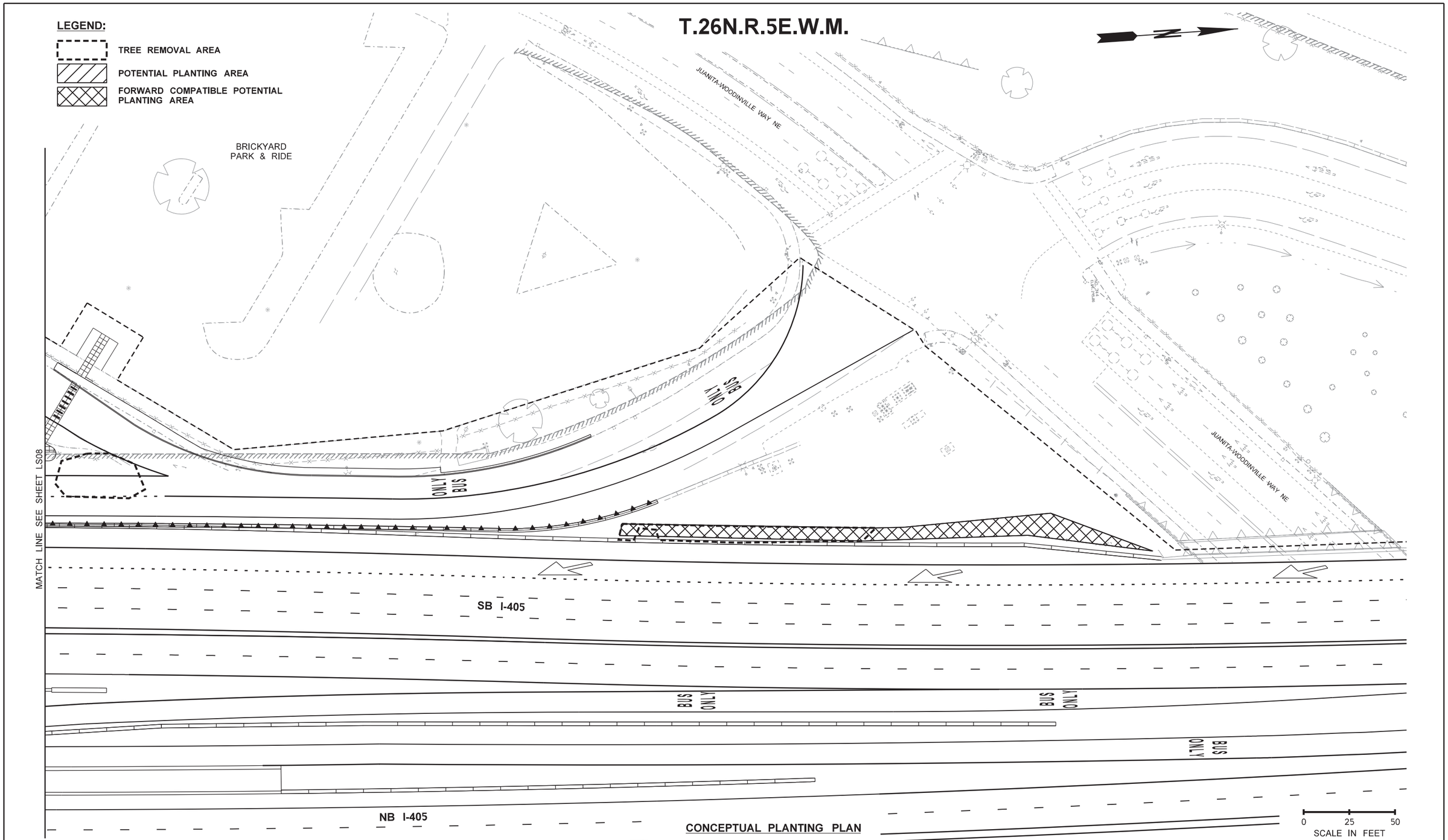
BRICKYARD PARK AND RIDE INLINE
FREEWAY STATION BRT PROJECT

LANDSCAPE & URBAN DESIGN PLAN

PLAN REF NO
LS08

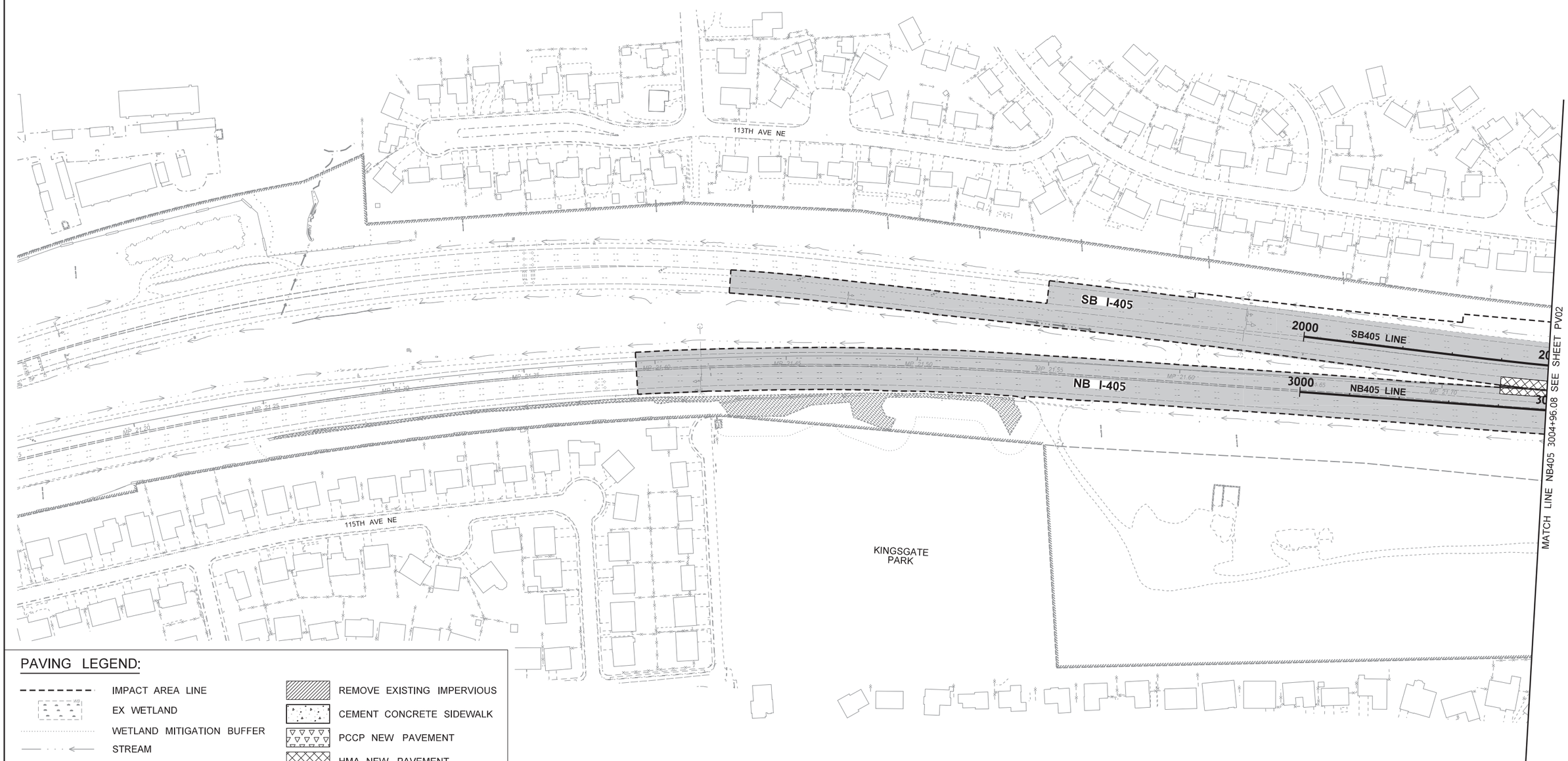
SHEET 31 OF 54 SHEETS



CONCEPTUAL PLANTING PLAN

FILE NAME	c:\users\vyplemi\pw_wsdot\d0253310\XL6138_PS_LS_09.dgn				REGION NO. 10	STATE WASH	FED.AID PROJ.NO.	REVIEW COPY 5% CONCEPTUAL DESIGN NOT FOR CONSTRUCTION	Washington State Department of Transportation	I-405 BRICKYARD PARK AND RIDE INLINE FREEWAY STATION BRT PROJECT	PLAN REF NO LS09
TIME	12:29:24 PM										
DATE	12/19/2019				JOB NUMBER						SHEET 32 OF 54 SHEETS
PLOTTED BY	vyplemi										
DESIGNED BY	M. McWREATH										
ENTERED BY	M. VYPLEL										
CHECKED BY	B. ELROD				CONTRACT NO.		LOCATION NO. XL6138			LANDSCAPE & URBAN DESIGN PLAN	
PROJ. ENGR.	C. BARNETT										
REGIONAL ADM.	K. HENRY	REVISION	DATE	BY							

T.26N.R.5E.W.M.



PAVING LEGEND:

- IMPACT AREA LINE
- EX WETLAND
- WETLAND MITIGATION BUFFER
- STREAM
- ORDINARY HIGH WATER LINE
- CUT/ FILL LINE
- PROPOSED NOISE WALL
- PROPOSED RETAINING WALL
- REMOVE EXISTING IMPERVIOUS
- CEMENT CONCRETE SIDEWALK
- PCCP NEW PAVEMENT
- HMA NEW PAVEMENT
- PCCP REHABILITATION
- HMA OVERLAY
- CRUSHED SURFACE GRAVEL

FILE NAME	c:\users\vyplemi\pw_wsdot\d0253310\XL6138_PS_PV_01.dgn
TIME	10:15:49 AM
DATE	12/20/2019
PLOTTED BY	vyplemi
DESIGNED BY	K. MONROE
ENTERED BY	M. VYPLEL
CHECKED BY	M. ROHILA
PROJ. ENGR.	C. BARNETT
REGIONAL ADM.	K. HENRY

REVISION	DATE	BY

REGION NO.	STATE	FED.AID PROJ.NO.
10	WASH	
JOB NUMBER		
CONTRACT NO.		LOCATION NO. XL6138

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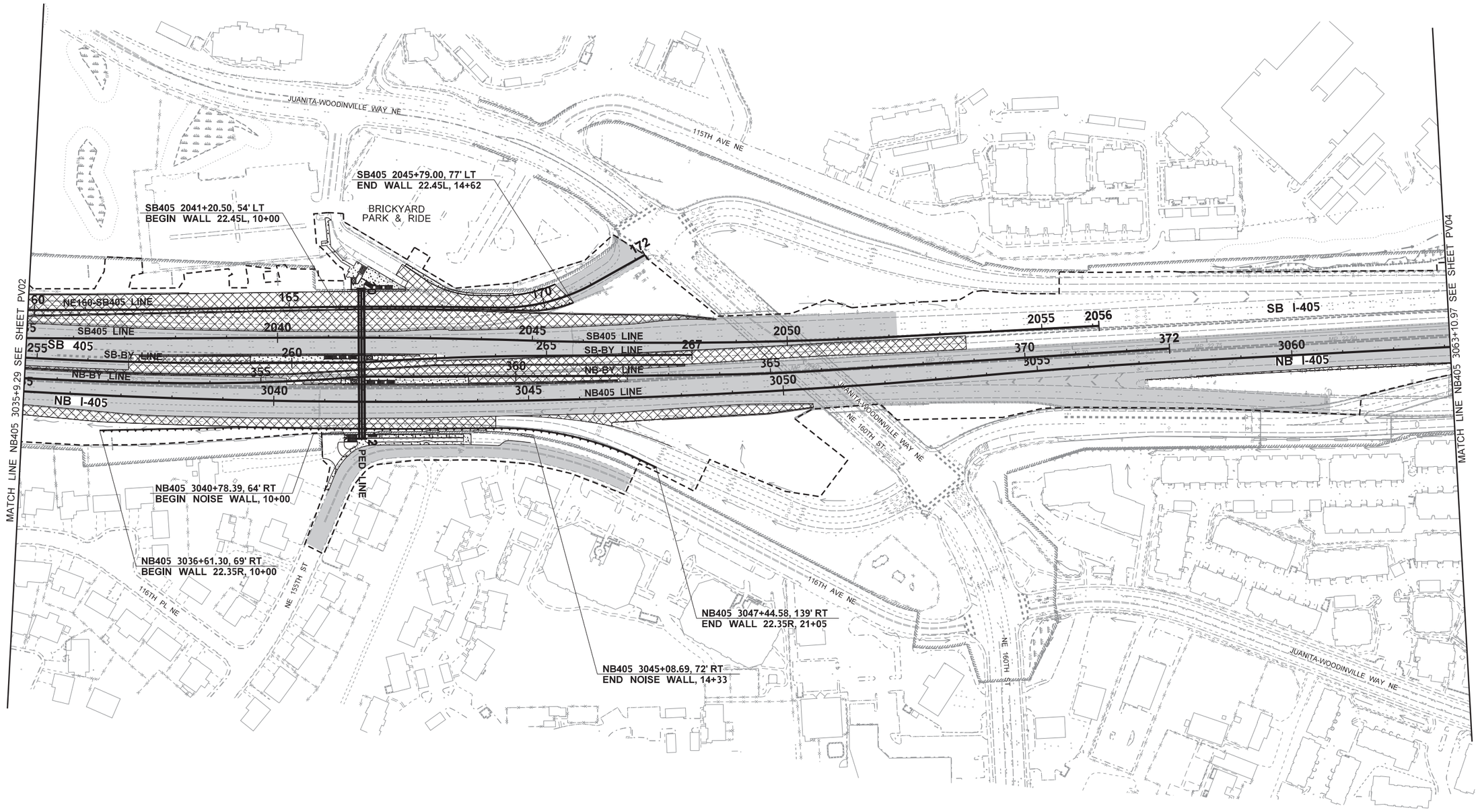
BRICKYARD PARK AND RIDE INLINE
FREEWAY STATION BRT PROJECT

PAVING PLAN

PLAN REF NO
PV01

SHEET 33 OF 54 SHEETS

T.26N.R.5E.W.M.



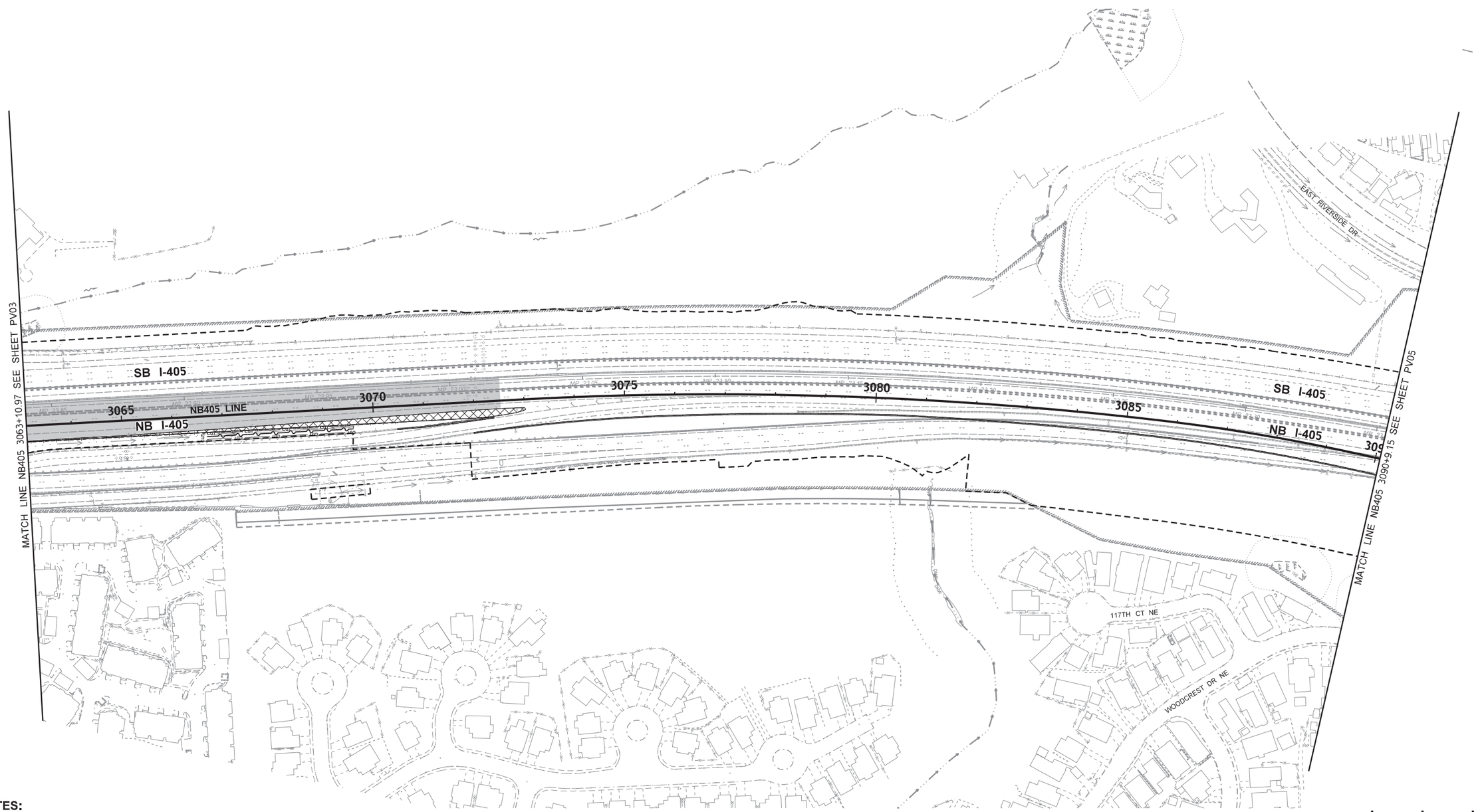
NOTES:

1. SEE SHEET PV01 FOR PAVING LEGEND.

0 100 200
SCALE IN FEET

FILE NAME	c:\users\vyplemi\pw_wsdot\d0253310\XL6138_PS_PV_03.dgn				REGION NO.	STATE	FED.AID PROJ.NO.	REVIEW COPY 5% CONCEPTUAL DESIGN NOT FOR CONSTRUCTION	Washington State Department of Transportation	I-405 BRICKYARD PARK AND RIDE INLINE FREEWAY STATION BRT PROJECT	PLAN REF NO PV03
TIME	10:18:14 AM				10	WASH					
DATE	12/20/2019										SHEET 35 OF 54 SHEETS
PLOTTED BY	vyplemi										
DESIGNED BY	K. MONROE				JOB NUMBER						
ENTERED BY	M. VYPLEL										
CHECKED BY	M. ROHILA				CONTRACT NO.		LOCATION NO.			PAVING PLAN	
PROJ. ENGR.	C. BARNETT						XL6138				
REGIONAL ADM.	K. HENRY	REVISION	DATE	BY							

T.26N.R.5E.W.M.



NOTES:

1. SEE SHEET PV01 FOR PAVING LEGEND.

FILE NAME	c:\users\vyplemi\pw_wsdot\d0253310\XL6138_PS_PV_04.dgn				REGION NO. 10	STATE WASH	FED.AID PROJ.NO.
TIME	9:23:09 AM						
DATE	12/20/2019						
PLOTTED BY	vyplemi				JOB NUMBER		
DESIGNED BY	K. MONROE						
ENTERED BY	M. VYPLEL						
CHECKED BY	M. ROHILA				CONTRACT NO.		LOCATION NO. XL6138
PROJ. ENGR.	C. BARNETT						
REGIONAL ADM.	K. HENRY	REVISION	DATE	BY			

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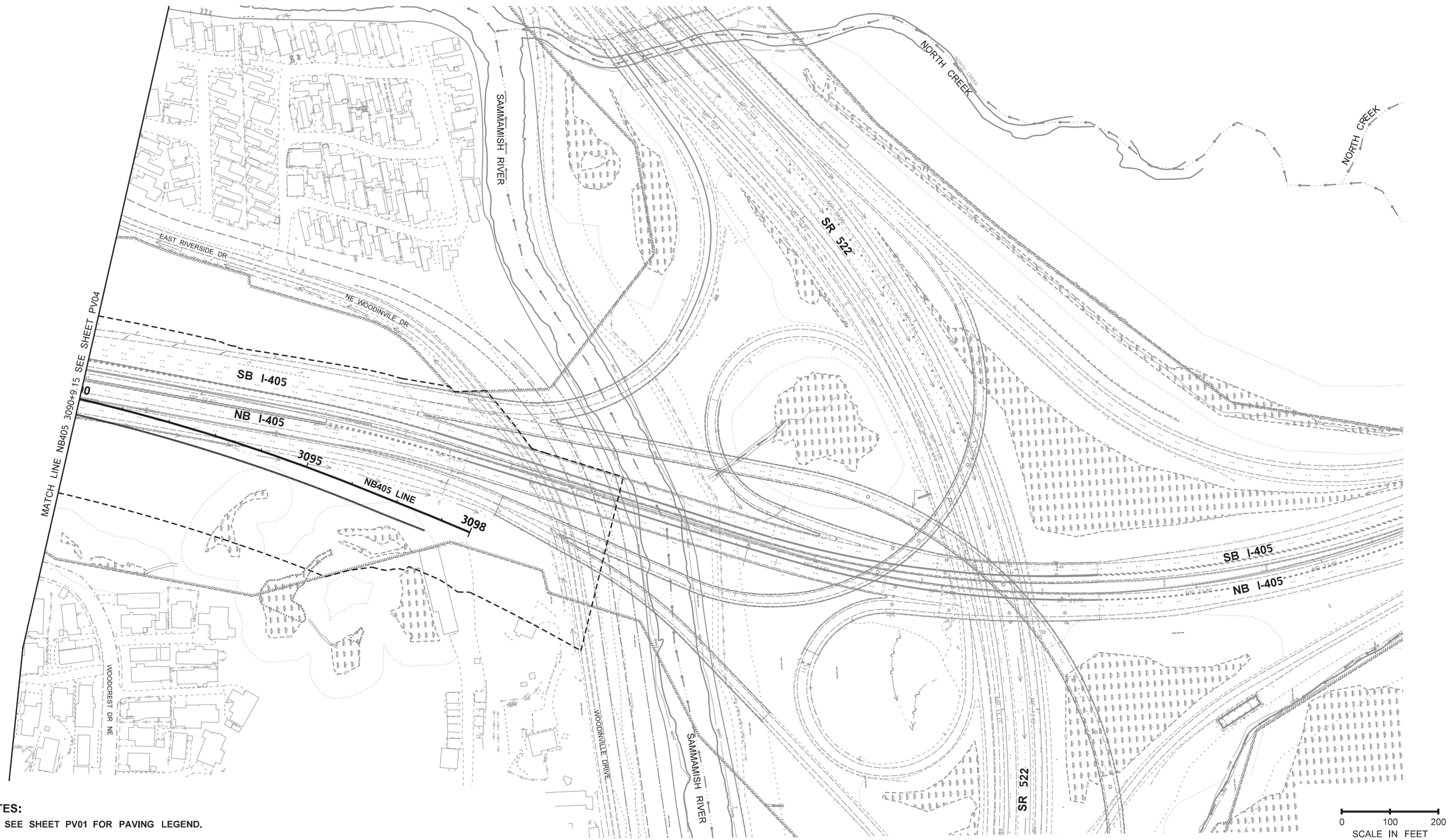
I-405
BRICKYARD PARK AND RIDE INLINE
FREEWAY STATION BRT PROJECT

PAVING PLAN

PLAN REF NO
PV04

SHEET 36 OF 54 SHEETS

T.26N.R.5E.W.M.

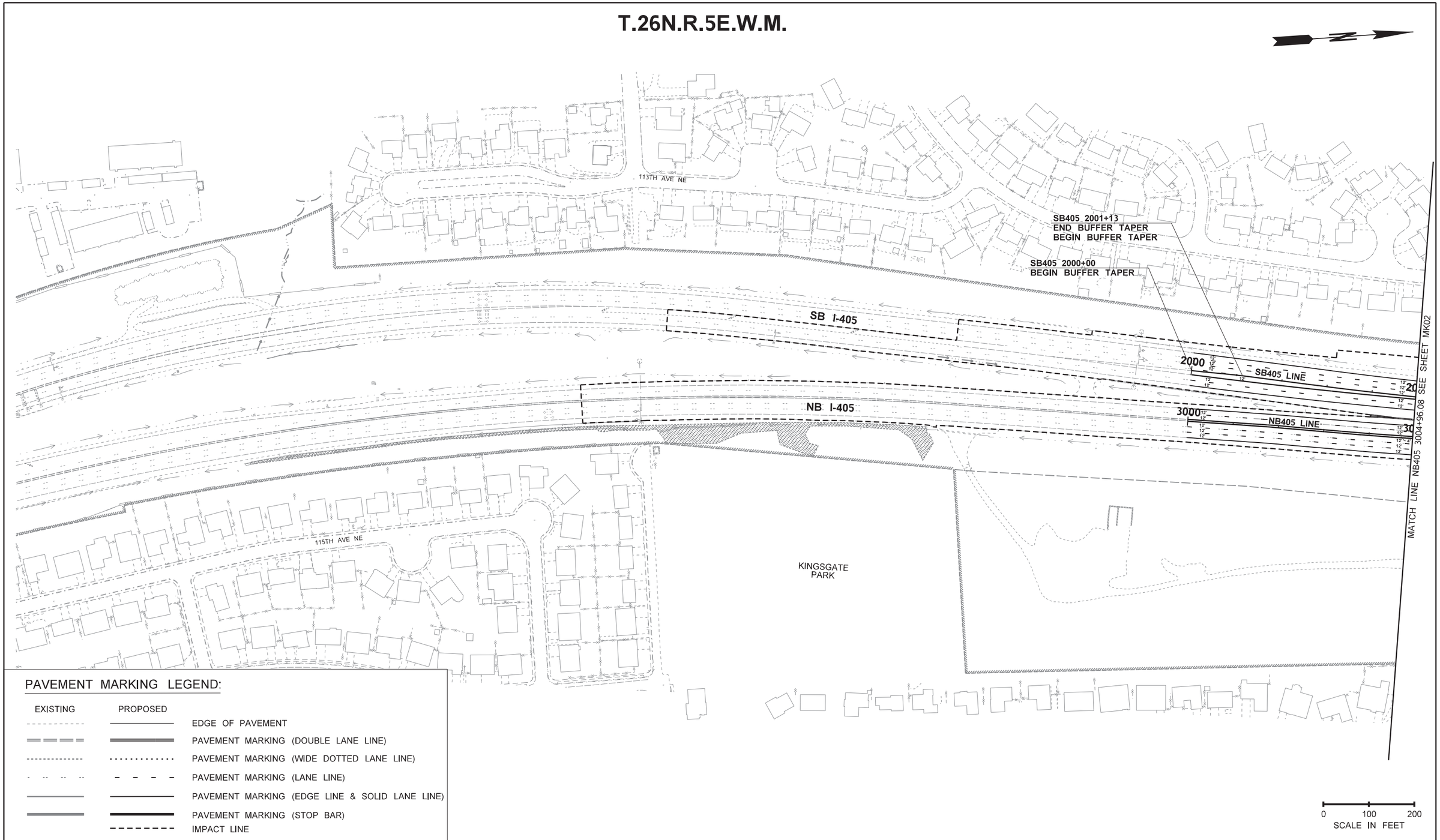


NOTES:

1. SEE SHEET PV01 FOR PAVING LEGEND.

FILE NAME	c:\users\vyplemi\pw_wsdot\d0253310\XL6138_PS_PV_05.dgn				REGION NO.	STATE	FED.AID PROJ.NO.	REVIEW COPY 5% CONCEPTUAL DESIGN NOT FOR CONSTRUCTION	Washington State Department of Transportation	I-405 BRICKYARD PARK AND RIDE INLINE FREEWAY STATION BRT PROJECT	PLAN REF NO PV05
TIME	9:24:29 AM				10	WASH					
DATE	12/20/2019										SHEET 37 OF 54 SHEETS
PLOTTED BY	vyplemi				JOB NUMBER						
DESIGNED BY	K. MONROE										
ENTERED BY	M. VYPLEL										
CHECKED BY	M. ROHILA				CONTRACT NO.		LOCATION NO.			PAVING PLAN	
PROJ. ENGR.	C. BARNETT						XL6138				
REGIONAL ADM.	K. HENRY	REVISION	DATE	BY							

T.26N.R.5E.W.M.



PAVEMENT MARKING LEGEND:

EXISTING	PROPOSED	
		EDGE OF PAVEMENT
		PAVEMENT MARKING (DOUBLE LANE LINE)
		PAVEMENT MARKING (WIDE DOTTED LANE LINE)
		PAVEMENT MARKING (LANE LINE)
		PAVEMENT MARKING (EDGE LINE & SOLID LANE LINE)
		PAVEMENT MARKING (STOP BAR)
		IMPACT LINE

FILE NAME	c:\users\taylorsu\pw_wsdot\d0253310\XL6138_PS_MK_01.dgn
TIME	10:16:56 AM
DATE	12/23/2019
PLOTTED BY	taylorsu
DESIGNED BY	K. MONROE
ENTERED BY	M. VYPLEL
CHECKED BY	M. ROHILA
PROJ. ENGR.	C. BARNETT
REGIONAL ADM.	K. HENRY

REVISION	DATE	BY

REGION NO.	STATE	FED.AID PROJ.NO.
10	WASH	
JOB NUMBER		
CONTRACT NO.		LOCATION NO. XL6138

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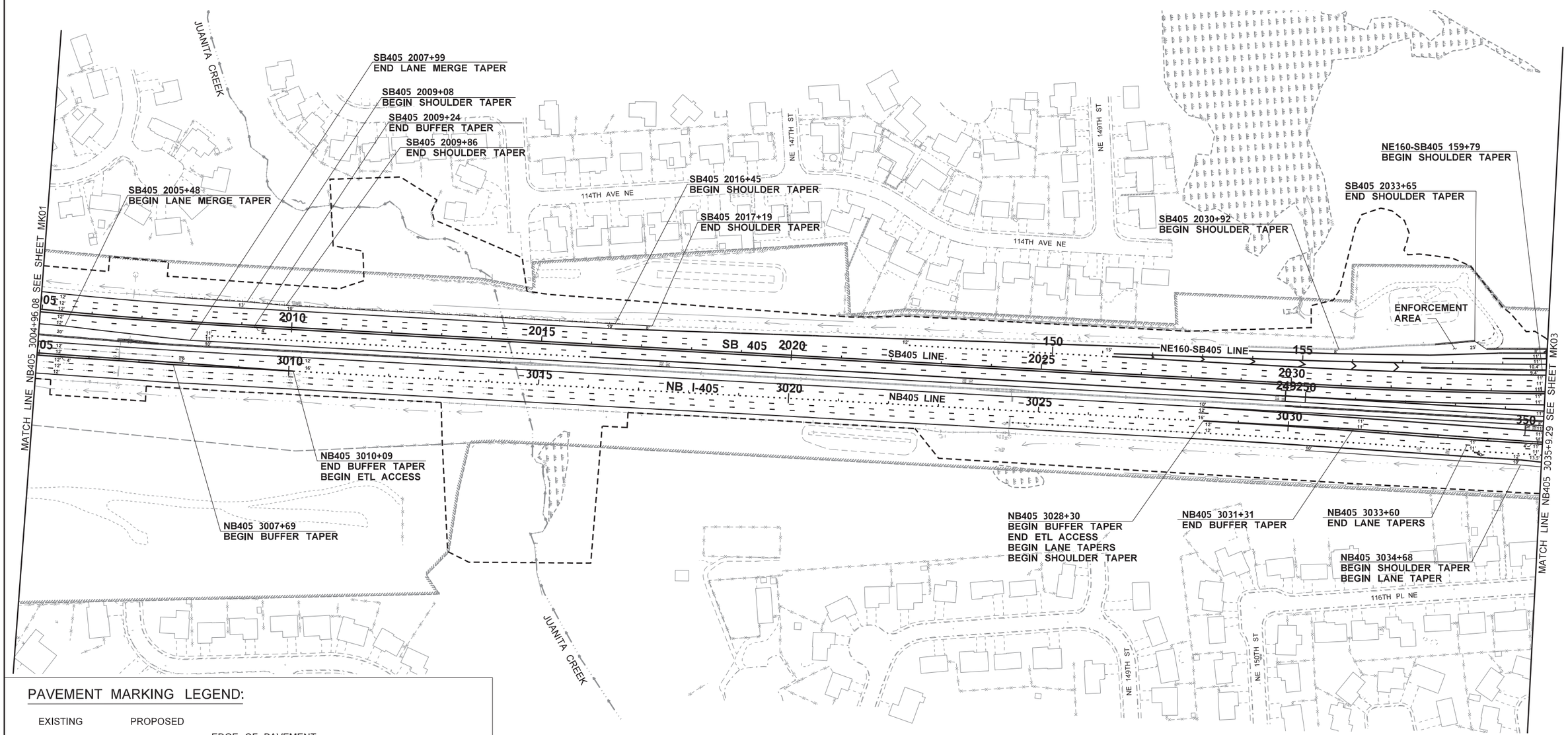
I-405
BRICKYARD PARK AND RIDE INLINE
FREEWAY STATION BRT PROJECT

PAVEMENT MARKING PLAN

PLAN REF NO
MK01

SHEET
38
OF
54
SHEETS

T.26N.R.5E.W.M.



PAVEMENT MARKING LEGEND:

EXISTING	PROPOSED	
		EDGE OF PAVEMENT
		PAVEMENT MARKING (DOUBLE LANE LINE)
		PAVEMENT MARKING (WIDE DOTTED LANE LINE)
		PAVEMENT MARKING (LANE LINE)
		PAVEMENT MARKING (EDGE LINE & SOLID LANE LINE)
		PAVEMENT MARKING (STOP BAR)
		IMPACT LINE

FILE NAME	c:\users\taylorsu\pw_wsdot\d0253310\XL6138_PS_MK_02.dgn				REGION NO. 10	STATE WASH	FED.AID PROJ.NO.
TIME	10:17:01 AM				JOB NUMBER		
DATE	12/23/2019						
PLOTTED BY	taylorsu						
DESIGNED BY	K. MONROE				CONTRACT NO.		LOCATION NO. XL6138
ENTERED BY	M. VYPLEL						
CHECKED BY	M. ROHILA						
PROJ. ENGR.	C. BARNETT						
REGIONAL ADM.	K. HENRY	REVISION	DATE	BY			

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Department of Transportation

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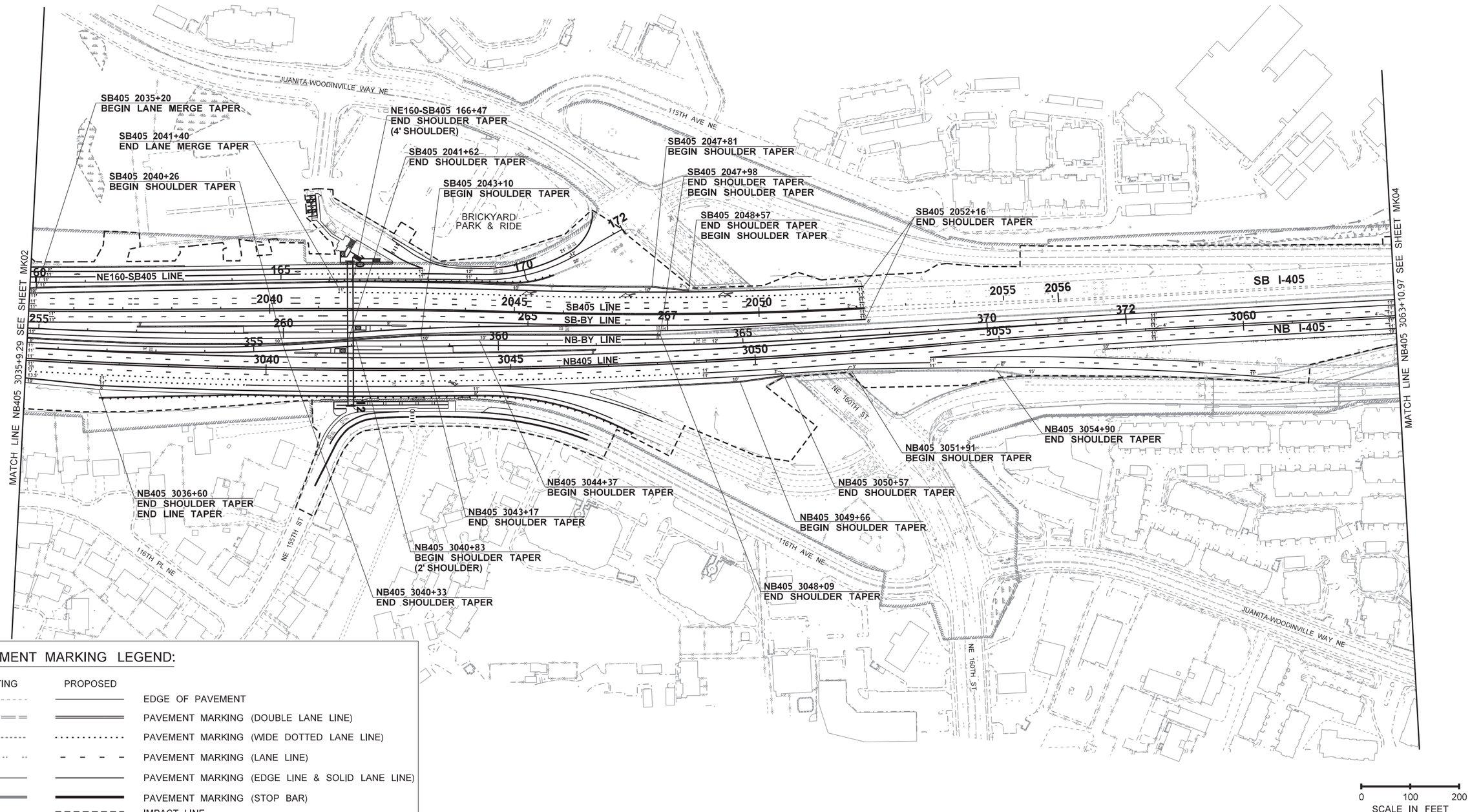
BRICKYARD PARK AND RIDE INLINE
FREEWAY STATION BRT PROJECT

PAVEMENT MARKING PLAN

PLAN REF NO
MK02

SHEET 39 OF 54 SHEETS

T.26N.R.5E.W.M.



PAVEMENT MARKING LEGEND:

EXISTING	PROPOSED	
- - - - - - - -	————	EDGE OF PAVEMENT
═ ═ ═ ═	═══	PAVEMENT MARKING (DOUBLE LANE LINE)
- - - - - - - -	· · · · · · · · · · · ·	PAVEMENT MARKING (WIDE DOTTED LANE LINE)
- · - · - · - ·	– – – –	PAVEMENT MARKING (LANE LINE)
————	————	PAVEMENT MARKING (EDGE LINE & SOLID LANE LINE)
▬▬▬▬	▬▬▬▬	PAVEMENT MARKING (STOP BAR)
	- - - - - - - -	IMPACT LINE

FILE NAME	c:\users\taylorsu\pw_wsdot\d0253310\XL6138_PS_MK_03.dgn
TIME	10:17:03 AM
DATE	12/23/2019
PLOTTED BY	taylorsu
DESIGNED BY	K. MONROE
ENTERED BY	M. VYPLEL
CHECKED BY	M. ROHILA
PROJ. ENGR.	C. BARNETT
REGIONAL ADM.	K. HENRY

REVISION	DATE	BY

REGION NO.	STATE	FED.AID PROJ.NO.
10	WASH	
JOB NUMBER		
CONTRACT NO.		LOCATION NO. XL6138

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Department of Transportation

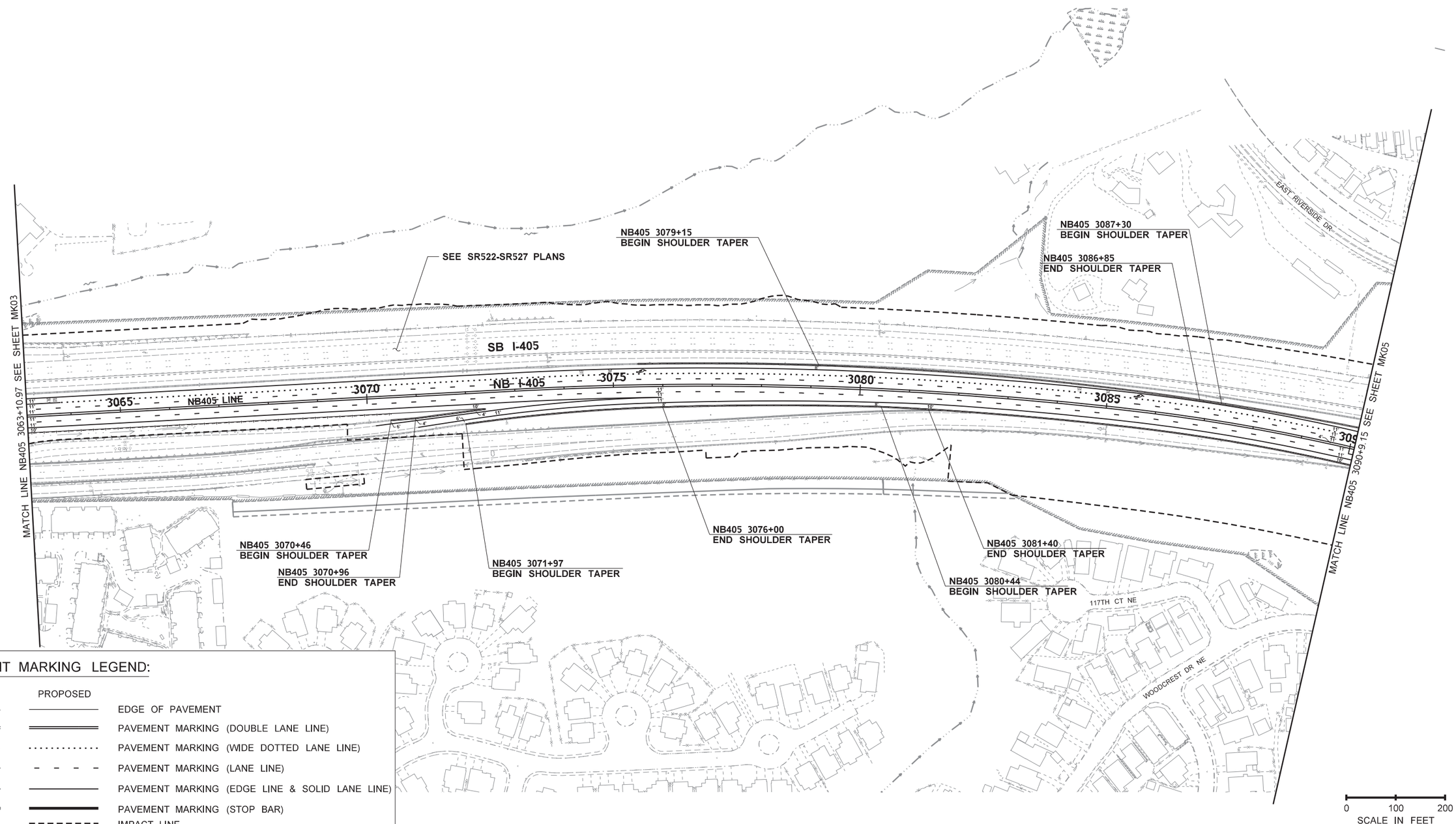
I-405
BRICKYARD PARK AND RIDE INLINE
FREEWAY STATION BRT PROJECT

PAVEMENT MARKING PLAN

PLAN REF NO
MK03

SHEET
40
OF
54
SHEETS

T.26N.R.5E.W.M.



PAVEMENT MARKING LEGEND:

EXISTING	PROPOSED	
		EDGE OF PAVEMENT
		PAVEMENT MARKING (DOUBLE LANE LINE)
		PAVEMENT MARKING (WIDE DOTTED LANE LINE)
		PAVEMENT MARKING (LANE LINE)
		PAVEMENT MARKING (EDGE LINE & SOLID LANE LINE)
		PAVEMENT MARKING (STOP BAR)
		IMPACT LINE

FILE NAME	c:\users\taylorsu\pw_wsdot\d0253310\XL6138_PS_MK_04.dgn				REGION NO. 10	STATE WASH	FED.AID PROJ.NO.
TIME	10:17:06 AM						
DATE	12/23/2019						
PLOTTED BY	taylorsu				JOB NUMBER		
DESIGNED BY	K. MONROE						
ENTERED BY	M. VYPLEL						
CHECKED BY	M. ROHILA				CONTRACT NO.		LOCATION NO. XL6138
PROJ. ENGR.	C. BARNETT						
REGIONAL ADM.	K. HENRY	REVISION	DATE	BY			

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Department of Transportation

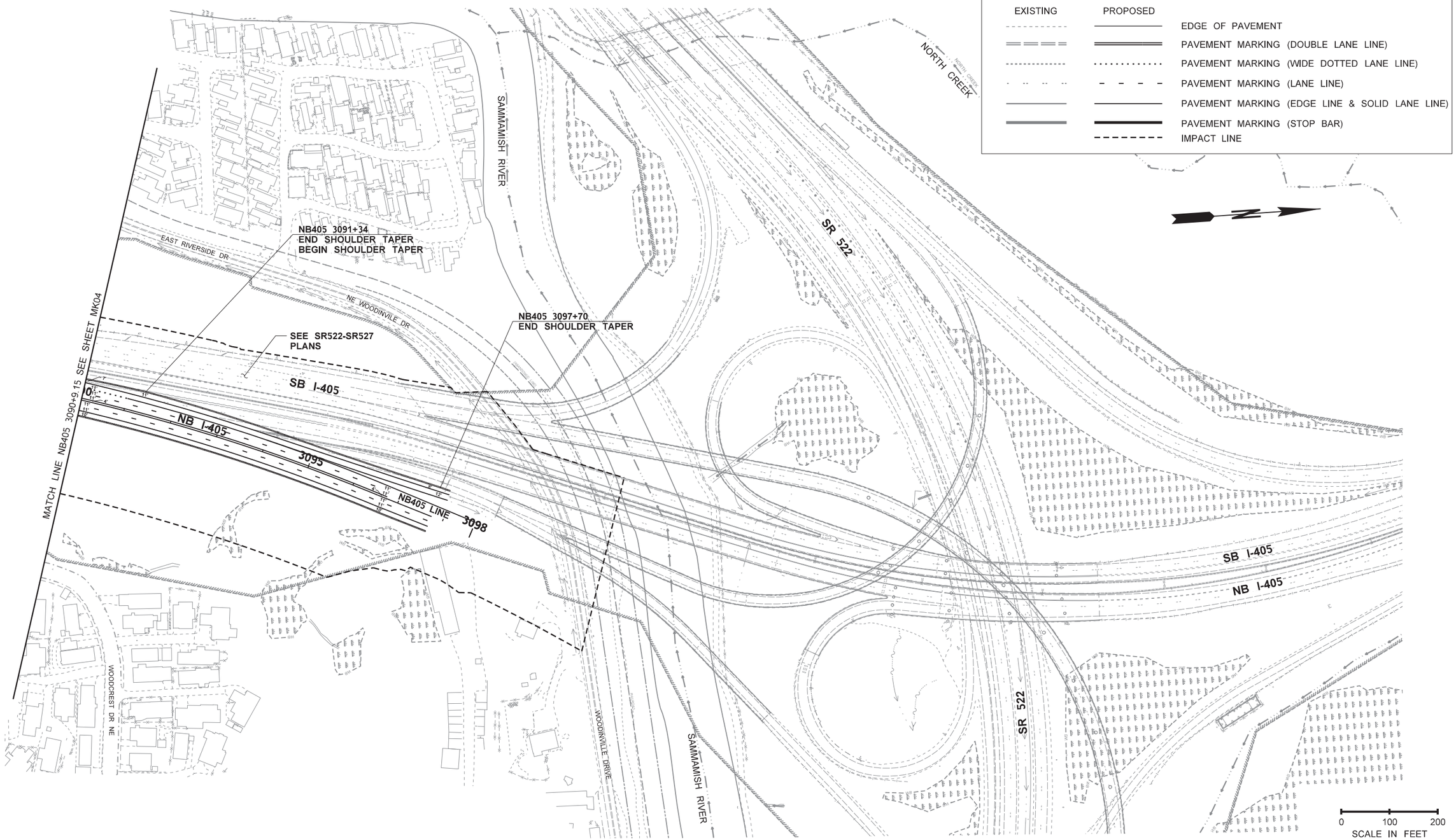
I-405
BRICKYARD PARK AND RIDE INLINE
FREEWAY STATION BRT PROJECT

PAVEMENT MARKING PLAN

PLAN REF NO
MK04

SHEET 41 OF 54 SHEETS

T.26N.R.5E.W.M.



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DATE	12/23/2019						
PLOTTED BY	taylorsu				JOB NUMBER		
DESIGNED BY	K. MONROE						
ENTERED BY	M. VYPLEL						
CHECKED BY	M. ROHILA				CONTRACT NO.		LOCATION NO. XL6138
PROJ. ENGR.	C. BARNETT						
REGIONAL ADM.	K. HENRY	REVISION	DATE	BY			

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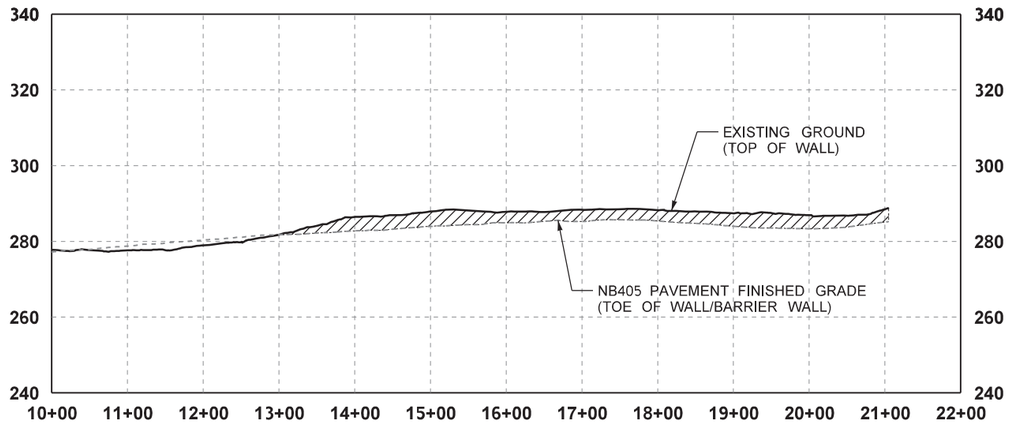
Washington State
Department of Transportation

I-405
BRICKYARD PARK AND RIDE INLINE
FREEWAY STATION BRT PROJECT

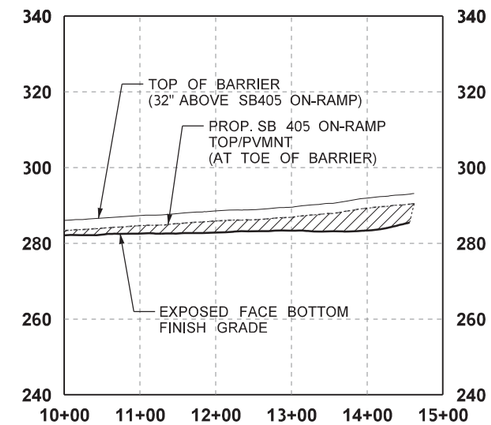
PAVEMENT MARKING PLAN

PLAN REF NO
MK05

SHEET 42 OF 54 SHEETS



WALL 22.35R



WALL 22.45L

HZ SCALE : 1"=100'
VERT SCALE : 1"=20'

DATUM

(NAVD) 88

FILE NAME	c:\users\vyplemi\pw_wsdot\d0253310\XL6138_PS_PR_WA01.dgn						
TIME	7:09:47 AM				REGION NO. 10	STATE WASH	FED.AID PROJ.NO.
DATE	12/20/2019						
PLOTTED BY	vyplemi				JOB NUMBER		
DESIGNED BY	K. MONROE						
ENTERED BY	M. VYPLEL						
CHECKED BY	M. ROHILA				CONTRACT NO.		LOCATION NO. XL6138
PROJ. ENGR.	C. BARNETT						
REGIONAL ADM.	K. HENRY	REVISION	DATE	BY			

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Department of Transportation

I-405
BRICKYARD PARK AND RIDE INLINE
FREEWAY STATION BRT PROJECT

WALL PROFILES

PLAN REF NO
WA01

SHEET
43
OF
54
SHEETS

ITS LEGEND:

EXISTING	NEW	
	TRS	TOLL RATE SIGN (TRS)
		TOLL GANTRY
	TL	TOLL CABINET
		LOOP DETECTOR
		TYPE WR LOOP DETECTOR
	CV	CABLE VAULT
	PB	PULL BOX
PTR	PTR	PERMANENT TRAFFIC RECORDER
		ELECTRICAL SERVICE CABINET
		TYPE 2 RAMP METER POLE (SINGLE/TWO-LANE) OR TRAFFIC SIGNAL STANDARD
	U	UPS CABINET
	T	TRANSFORMER CABINET
	I	INTERMEDIATE POWER AND COMMUNICATIONS CABINET
GEN	GEN	GENERATOR
		DATA STATION, RAMP METER CABINET OR TRAFFIC SIGNAL CABINET
		ROAD WEATHER INFORMATION SYSTEM
		CCTV CAMERA
		CCTV CABINET
VMS	VMS	VARIABLE MESSAGE SIGN (VMS)
		VMS, TRS OR HSR CABINET
HAR	HAR	HIGHWAY ADVISORY RADIO SIGN (HARS)
		HARS CABINET
		HIGHWAY ADVISORY RADIO TRANSMITTER
		FLASHING BEACONS
CH	CH	COMMUNICATIONS HUB
		JUNCTION BOX TYPE 1
		JUNCTION BOX TYPE 2
		JUNCTION BOX TYPE 8
		TYPE 1 RAMP METER POLE
		LIGHT STANDARD
		SIGN BRIDGE
		CANTILEVER SIGN STRUCTURE
		ADDITIONAL ILLUMINATION DESIGN AREAS
		IMPACT LINE

FILE NAME	c:\users\taylorsu\pw_wsdot\d0253310\XL6138_PS_ITD_01.dgn
TIME	2:19:34 PM
DATE	12/19/2019
PLOTTED BY	taylorsu
DESIGNED BY	Z. HAJIFATHALI
ENTERED BY	M. VYPLEL
CHECKED BY	J. PRZYCHODZEN
PROJ. ENGR.	C. BARNETT
REGIONAL ADM.	K. HENRY

REVISION	DATE	BY

REGION NO.	STATE	FED.AID PROJ.NO.
10	WASH	
JOB NUMBER		
CONTRACT NO.		LOCATION NO. XL6138

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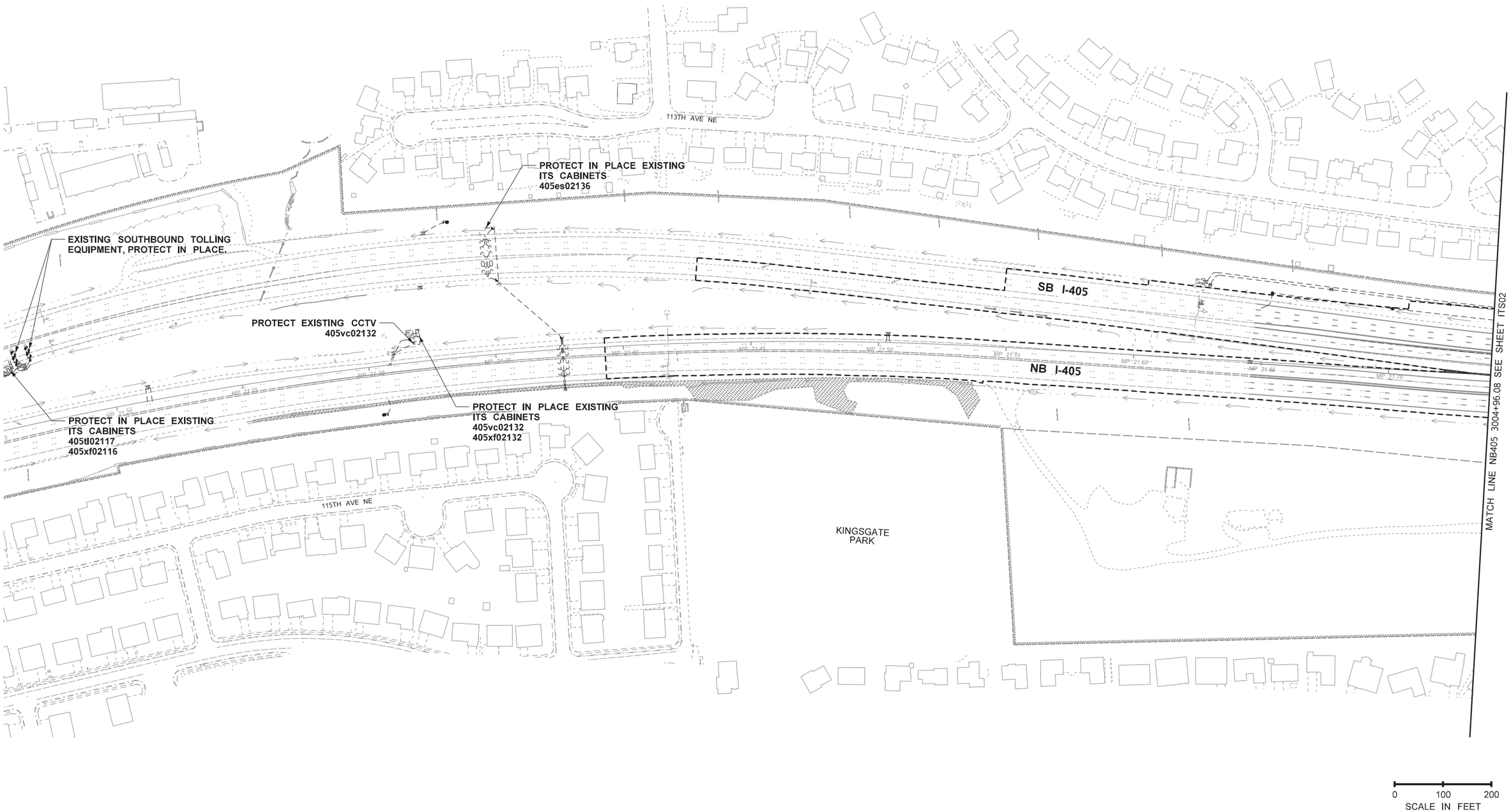
I-405
BRICKYARD PARK AND RIDE INLINE
FREEWAY STATION BRT PROJECT

ITS LEGEND

PLAN REF NO
ITD01

SHEET 44 OF 54 SHEETS

T.26N.R.5E.W.M.



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DATE	12/19/2019				JOB NUMBER		
PLOTTED BY	taylorsu						
DESIGNED BY	Z. HAJIFATHALI						
ENTERED BY	M. VYPLEL						
CHECKED BY	J. PRZYCHODZEN				CONTRACT NO.		LOCATION NO. XL6138
PROJ. ENGR.	C. BARNETT						
REGIONAL ADM.	K. HENRY	REVISION	DATE	BY			

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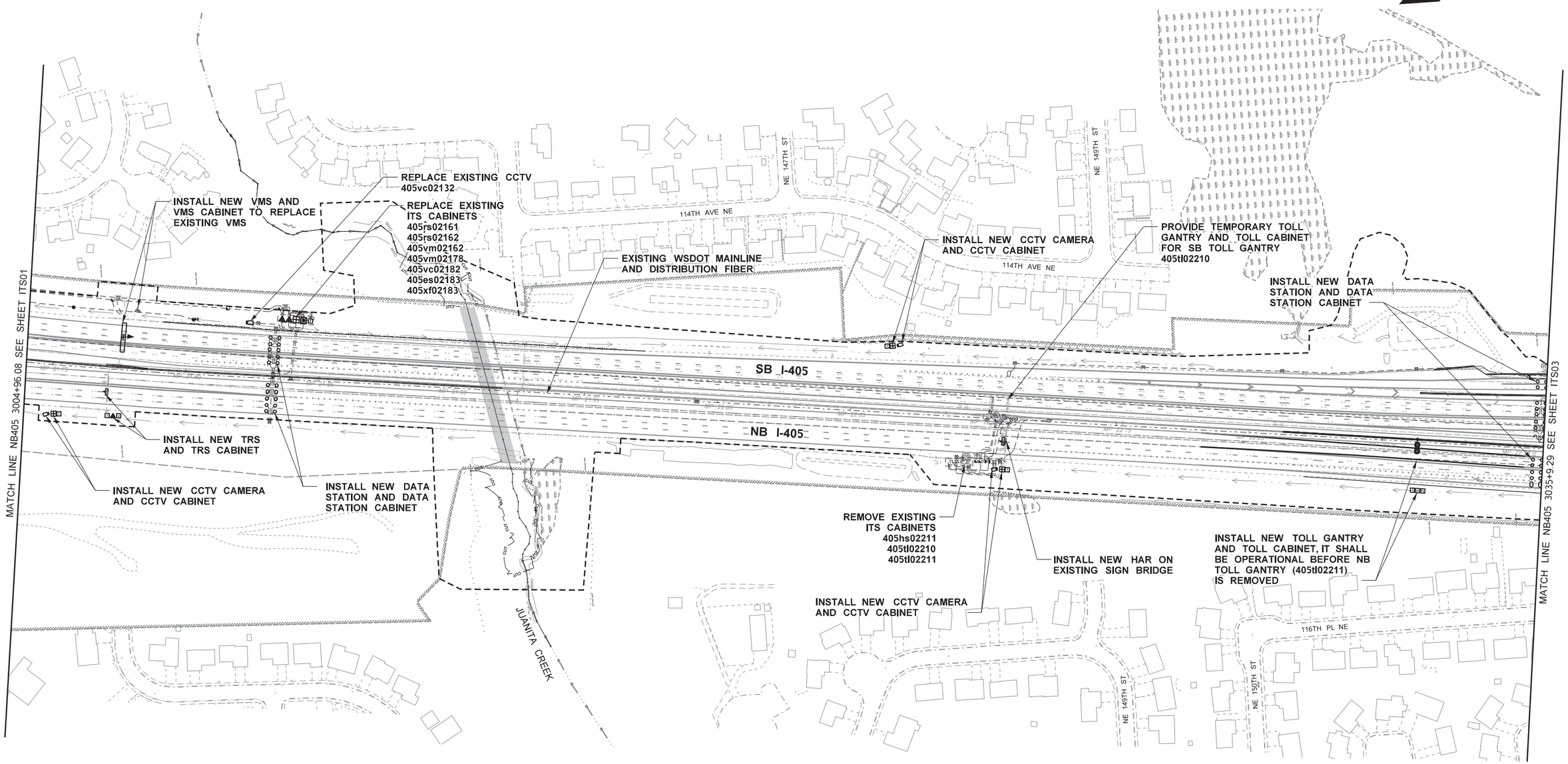
I-405
BRICKYARD PARK AND RIDE INLINE
FREEWAY STATION BRT PROJECT

ITS, SIGNALS, ILLUMINATION PLAN

PLAN REF NO
ITS01

SHEET 45 OF 54 SHEETS

T.26N.R.5E.W.M.



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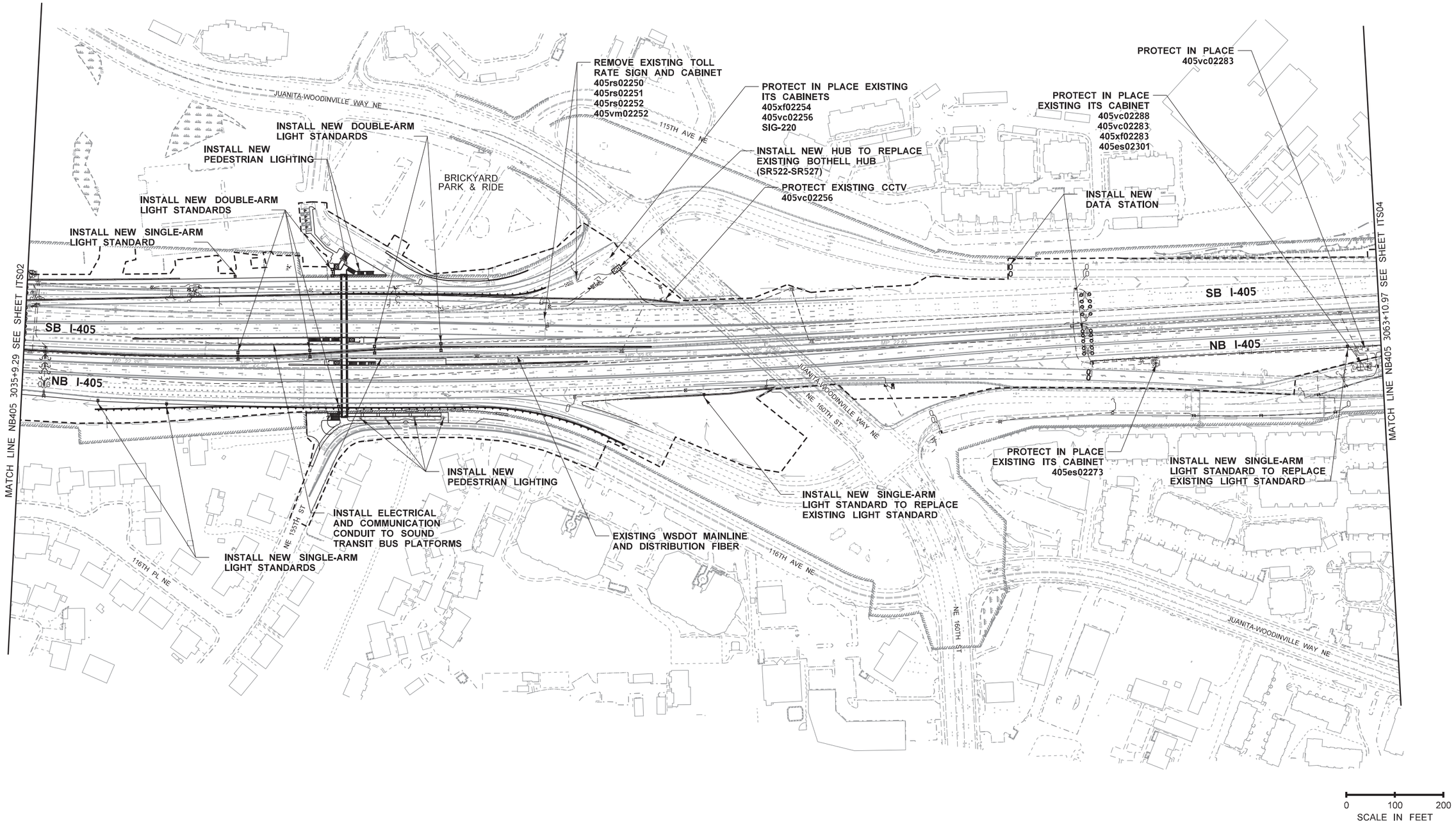
TIME	2:19:42 PM				REGION NO. 10	STATE WASH	FED.AID PROJ.NO.	REVIEW COPY 5% CONCEPTUAL DESIGN NOT FOR CONSTRUCTION	Washington State Department of Transportation	I-405 BRICKYARD PARK AND RIDE INLINE FREEWAY STATION BRT PROJECT	PLAN REF NO ITS02
DATE	12/19/2019										
PLOTTED BY	taylorsu				JOB NUMBER						SHEET 46 OF 54 SHEETS
DESIGNED BY	Z. HAJIFATHALI										
ENTERED BY	M. VYPLEL										
CHECKED BY	J. PRZYCHODZEN				CONTRACT NO.		LOCATION NO. XL6138			ITS, SIGNALS, ILLUMINATION PLAN	
PROJ. ENGR.	C. BARNETT										
REGIONAL ADM.	K. HENRY	REVISION	DATE	BY							

T.26N.R.5E.W.M.



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TIME	2:19:45 PM				JOB NUMBER		
DATE	12/19/2019						
PLOTTED BY	taylorsu						
DESIGNED BY	Z. HAJIFATHALI				CONTRACT NO.		LOCATION NO. XL6138
ENTERED BY	M. VYPLEL						
CHECKED BY	J. PRZYCHODZEN						
PROJ. ENGR.	C. BARNETT						
REGIONAL ADM.	K. HENRY	REVISION	DATE	BY			

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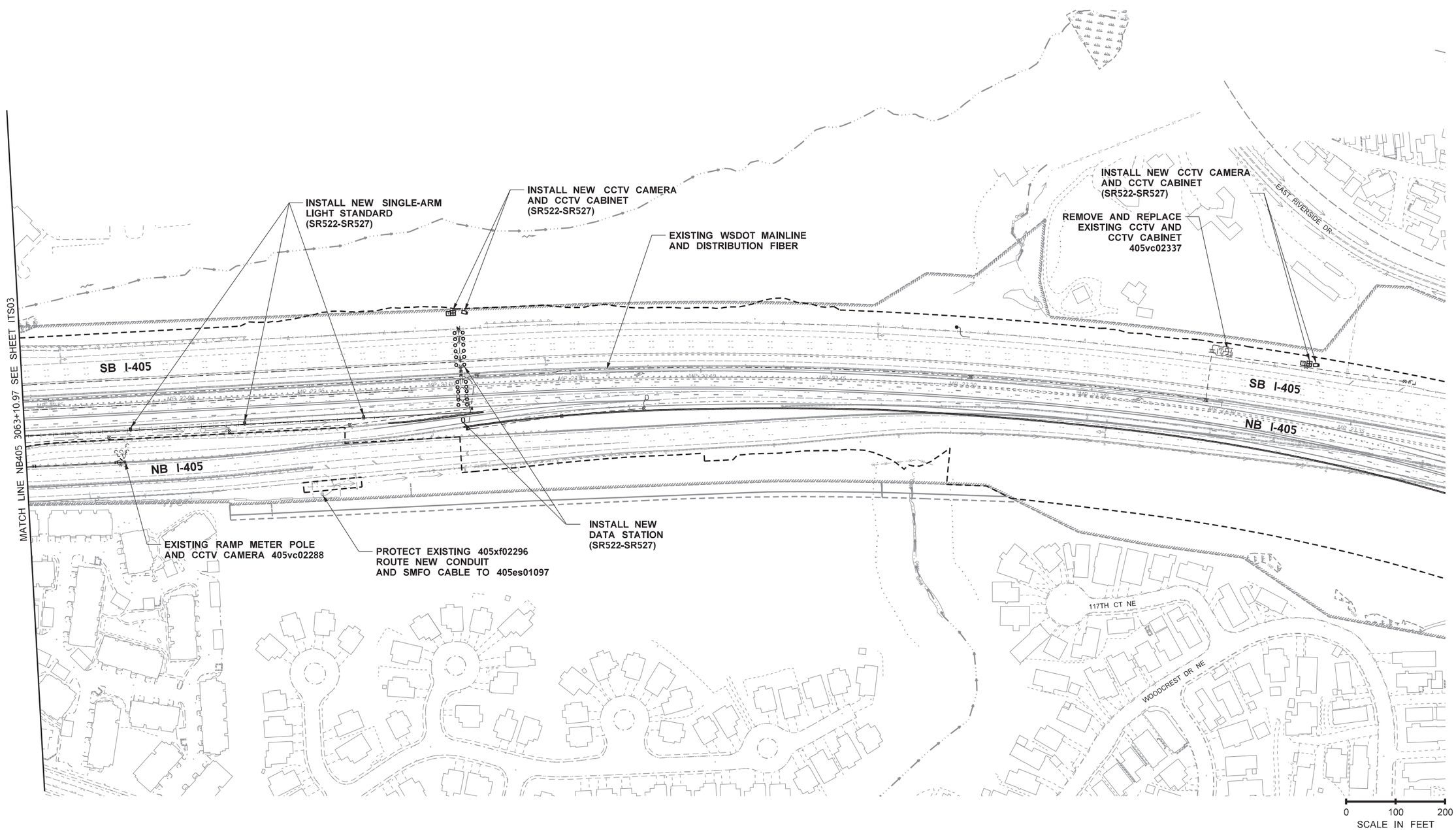
I-405
BRICKYARD PARK AND RIDE INLINE FREEWAY STATION BRT PROJECT

ITS, SIGNALS, ILLUMINATION PLAN

PLAN REF NO
ITS03

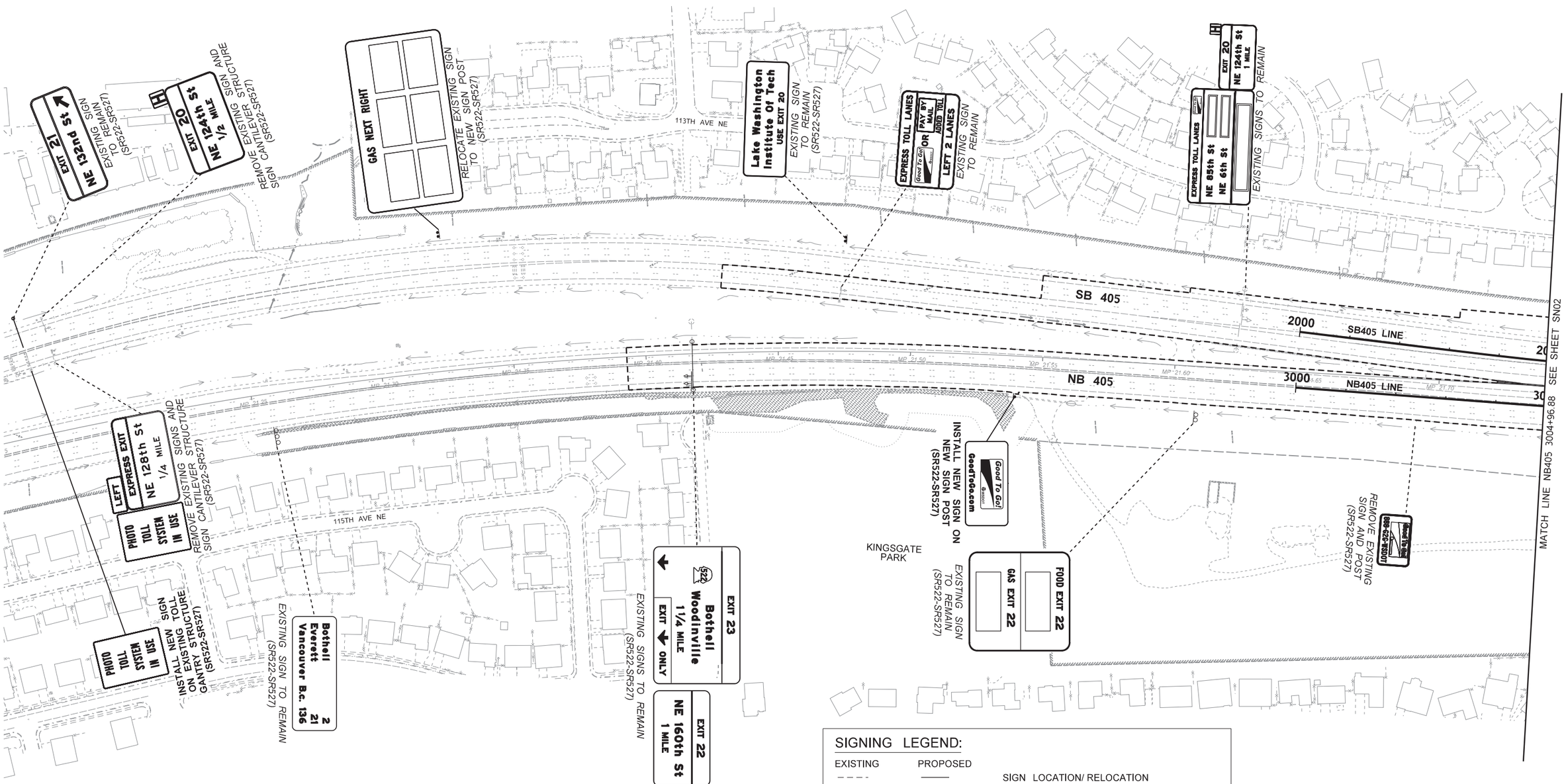
SHEET 47 OF 54 SHEETS

T.26N.R.5E.W.M.



FILE NAME	c:\users\taylorsu\pw_wsdot\d0253310\XL6138_PS_ITS_04.dgn				REGION NO.	STATE	FED.AID PROJ.NO.	REVIEW COPY 5% CONCEPTUAL DESIGN NOT FOR CONSTRUCTION	Washington State Department of Transportation	I-405 BRICKYARD PARK AND RIDE INLINE FREEWAY STATION BRT PROJECT	PLAN REF NO ITS04
TIME	2:19:48 PM				10	WASH					
DATE	12/19/2019										SHEET 48 OF 54 SHEETS
PLOTTED BY	taylorsu				JOB NUMBER						
DESIGNED BY	Z. HAJIFATHALI										
ENTERED BY	M. VYPLEL										
CHECKED BY	J. PRZYCHODZEN				CONTRACT NO.		LOCATION NO.			ITS, SIGNALS, ILLUMINATION PLAN	
PROJ. ENGR.	C. BARNETT						XL6138				
REGIONAL ADM.	K. HENRY	REVISION	DATE	BY							

T.26N.R.5E.W.M.



SIGNING LEGEND:

EXISTING	PROPOSED	
- - - -	———	SIGN LOCATION/ RELOCATION
		MONOTUBE CANTILEVER SIGN STRUCTURE
		MONOTUBE SIGN BRIDGE
		OVERHEAD SIGN
		SIGN SINGLE & DOUBLE & TRIPLE POSTS
		IMPACT LINE

FILE NAME	c:\users\taylorsu\pw_wsdot\d0253310\XL6138_PS_SN_01.dgn				REGION NO. 10	STATE WASH	FED.AID PROJ.NO.
TIME	2:15:21 PM						
DATE	12/19/2019						
PLOTTED BY	taylorsu				JOB NUMBER		
DESIGNED BY	Z. HAJIFATHALI						
ENTERED BY	M. VYPLEL						
CHECKED BY	J. PRZYCHODZEN				CONTRACT NO.		LOCATION NO. XL6138
PROJ. ENGR.	C. BARNETT						
REGIONAL ADM.	K. HENRY	REVISION	DATE	BY			

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Department of Transportation

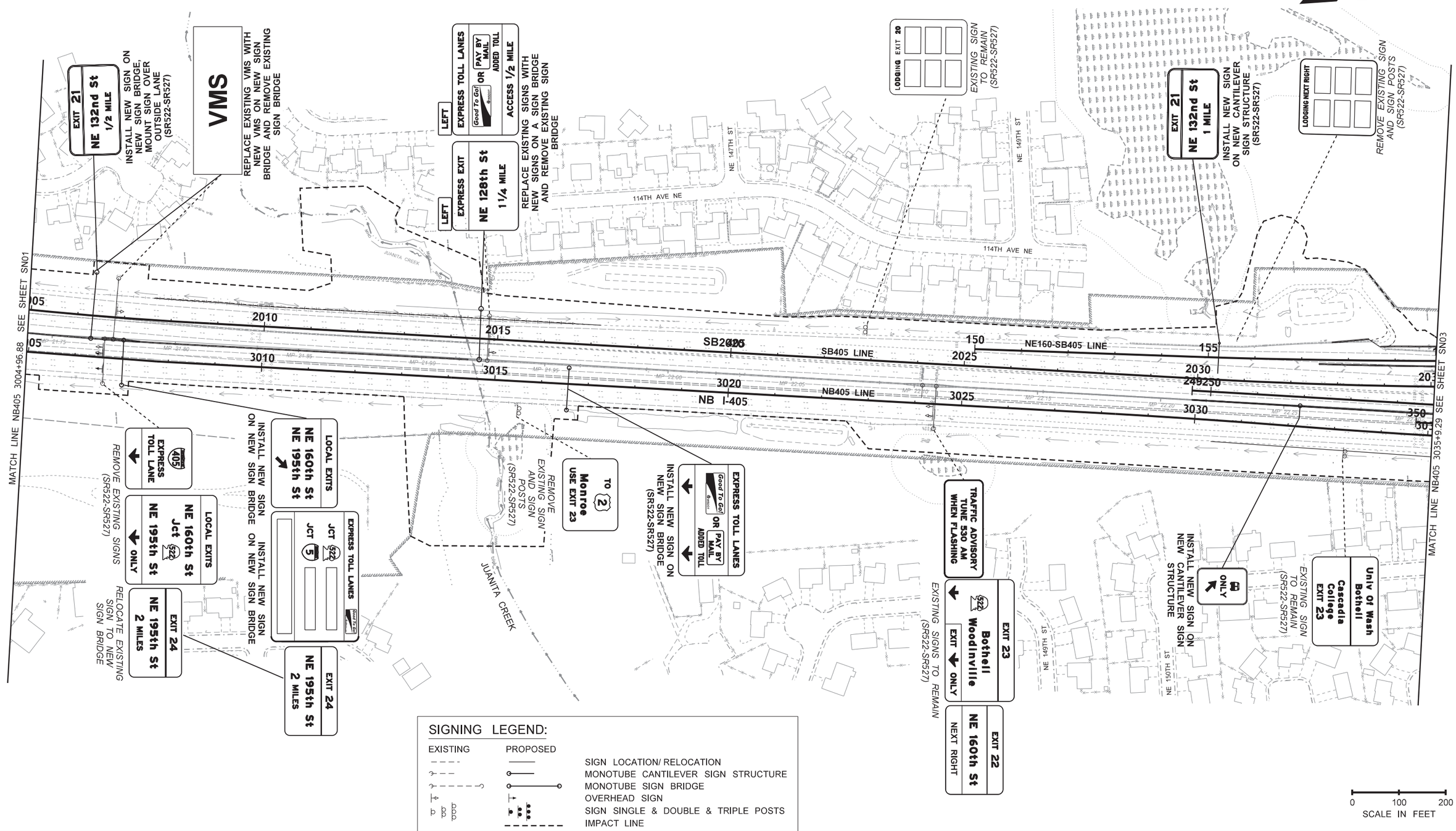
I-405
BRICKYARD PARK AND RIDE INLINE
FREEWAY STATION BRT PROJECT

SIGNING PLAN

PLAN REF NO
SN01

SHEET
49
OF
54
SHEETS

T.26N.R.5E.W.M.



SIGNING LEGEND:

EXISTING	PROPOSED	
		SIGN LOCATION/ RELOCATION
		MONOTUBE CANTILEVER SIGN STRUCTURE
		MONOTUBE SIGN BRIDGE
		OVERHEAD SIGN
		SIGN SINGLE & DOUBLE & TRIPLE POSTS
		IMPACT LINE

FILE NAME	c:\users\taylorsu\pw_wsdot\d0253310\XL6138_PS_SN_02.dgn
TIME	2:15:25 PM
DATE	12/19/2019
PLOTTED BY	taylorsu
DESIGNED BY	Z. HAJIFATHALI
ENTERED BY	M. VYPLEL
CHECKED BY	J. PRZYCHODZEN
PROJ. ENGR.	C. BARNETT
REGIONAL ADM.	K. HENRY

REVISION | DATE | BY

REGION NO.	STATE	FED.AID PROJ.NO.
10	WASH	
JOB NUMBER		
CONTRACT NO.		LOCATION NO. XL6138

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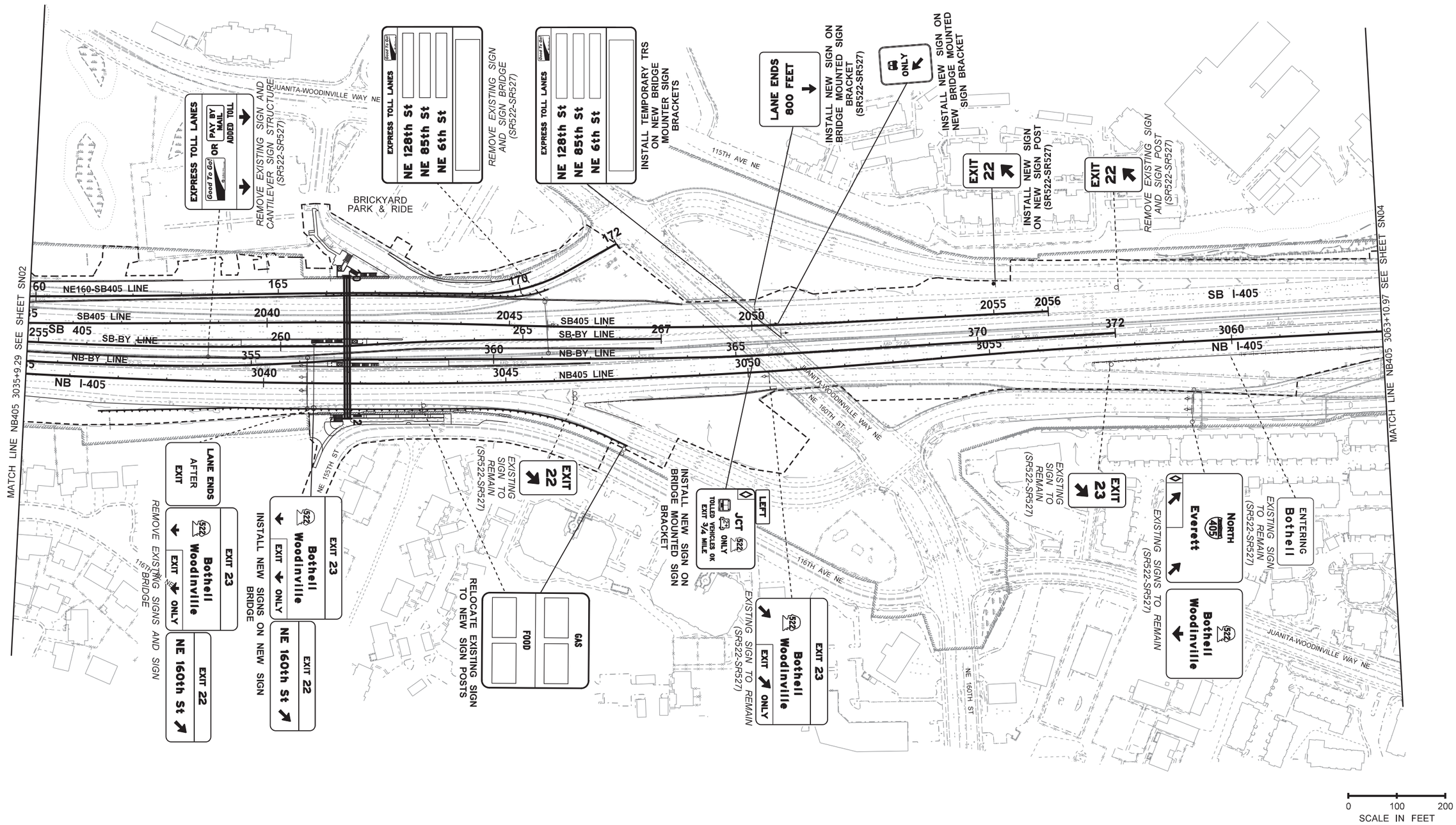
I-405
BRICKYARD PARK AND RIDE INLINE
FREEWAY STATION BRT PROJECT

SIGNING PLAN

PLAN REF NO
SN02

SHEET
50
OF
54
SHEETS

T.26N.R.5E.W.M.



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TIME	2:15:28 PM				JOB NUMBER		
DATE	12/19/2019						
PLOTTED BY	taylorsu				CONTRACT NO.		LOCATION NO. XL6138
DESIGNED BY	Z. HAJIFATHALI						
ENTERED BY	M. VYPLEL						
CHECKED BY	J. PRZYCHODZEN						
PROJ. ENGR.	C. BARNETT						
REGIONAL ADM.	K. HENRY	REVISION	DATE	BY			

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Department of Transportation

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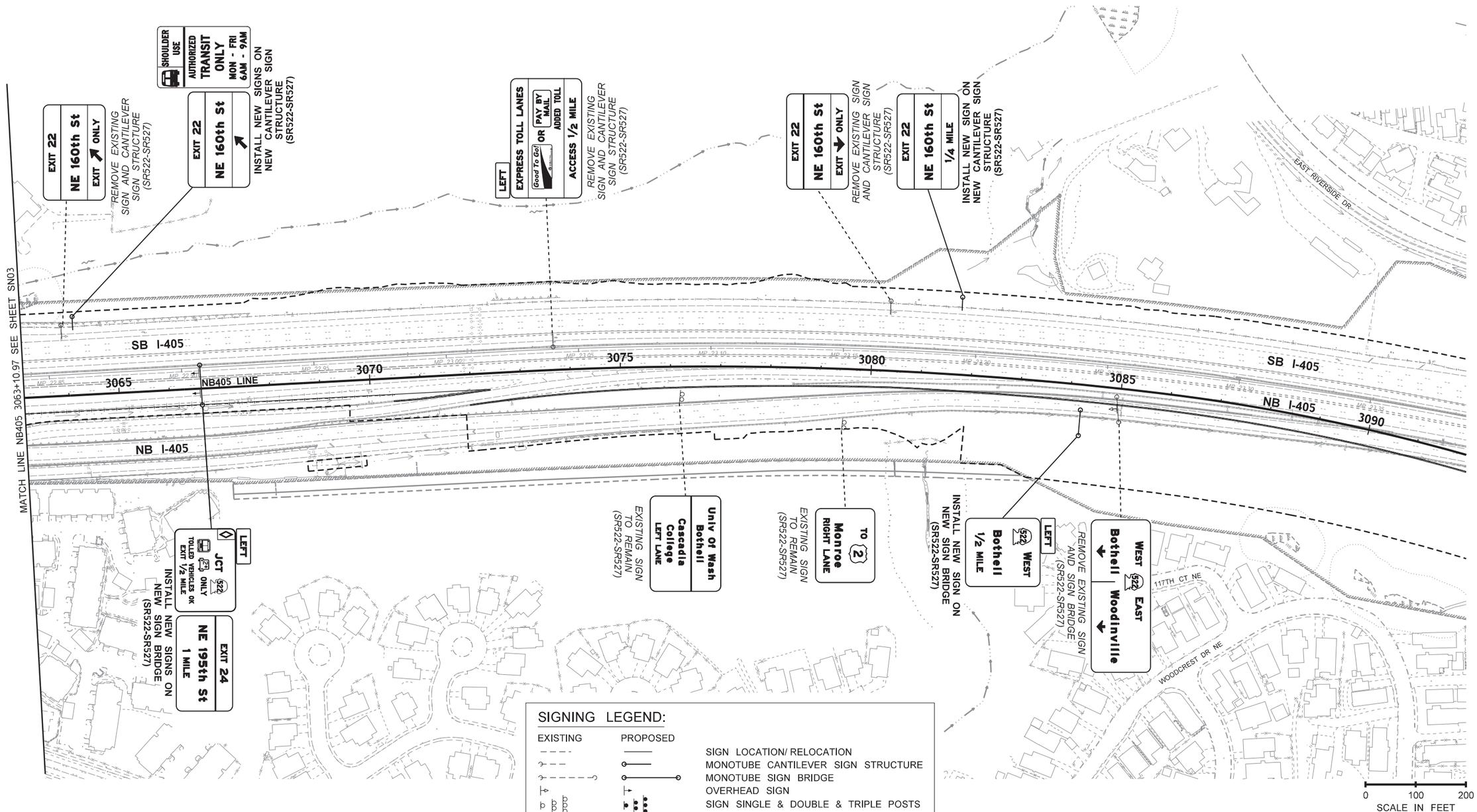
BRICKYARD PARK AND RIDE INLINE
FREEWAY STATION BRT PROJECT

SIGNING PLAN

PLAN REF NO
SN03

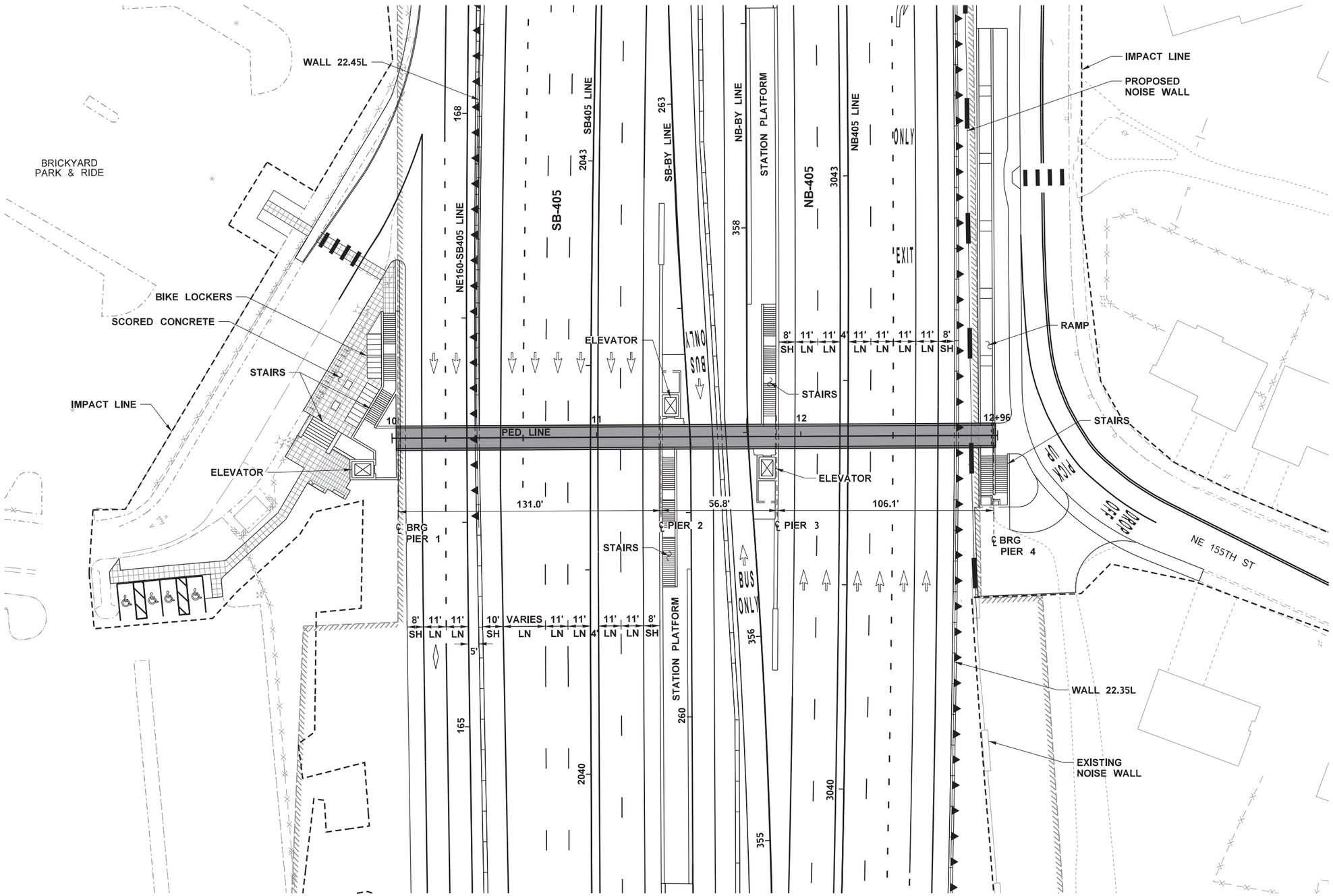
SHEET 51 OF 54 SHEETS

T.26N.R.5E.W.M.



FILE NAME	c:\users\taylorsu\pw_wsdot\d0253310\XL6138_PS_SN_04.dgn				REGION NO.	STATE	FED.AID PROJ.NO.	REVIEW COPY 5% CONCEPTUAL DESIGN NOT FOR CONSTRUCTION	Washington State Department of Transportation	I-405 BRICKYARD PARK AND RIDE INLINE FREEWAY STATION BRT PROJECT	PLAN REF NO SN04
TIME	2:15:32 PM				10	WASH					
DATE	12/19/2019				JOB NUMBER						SHEET 52 OF 54 SHEETS
PLOTTED BY	taylorsu										
DESIGNED BY	Z. HAJIFATHALI										
ENTERED BY	M. VYPLEL										
CHECKED BY	J. PRZYCHODZEN				CONTRACT NO.		LOCATION NO.			SIGNING PLAN	
PROJ. ENGR.	C. BARNETT						XL6138				
REGIONAL ADM.	K. HENRY	REVISION	DATE	BY							

T.26N.R.5E.W.M.



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TIME	10:14:11 AM				REGION NO. 10	STATE WASH	FED.AID PROJ.NO.
DATE	12/19/2019				JOB NUMBER		
PLOTTED BY	vyplemi						
DESIGNED BY	A. HEITZMANN						
ENTERED BY	M. VYPLEL						
CHECKED BY	T. SCHNETZER				CONTRACT NO.		LOCATION NO. XL6138
PROJ. ENGR.	C. BARNETT						
REGIONAL ADM.	K. HENRY	REVISION	DATE	BY			

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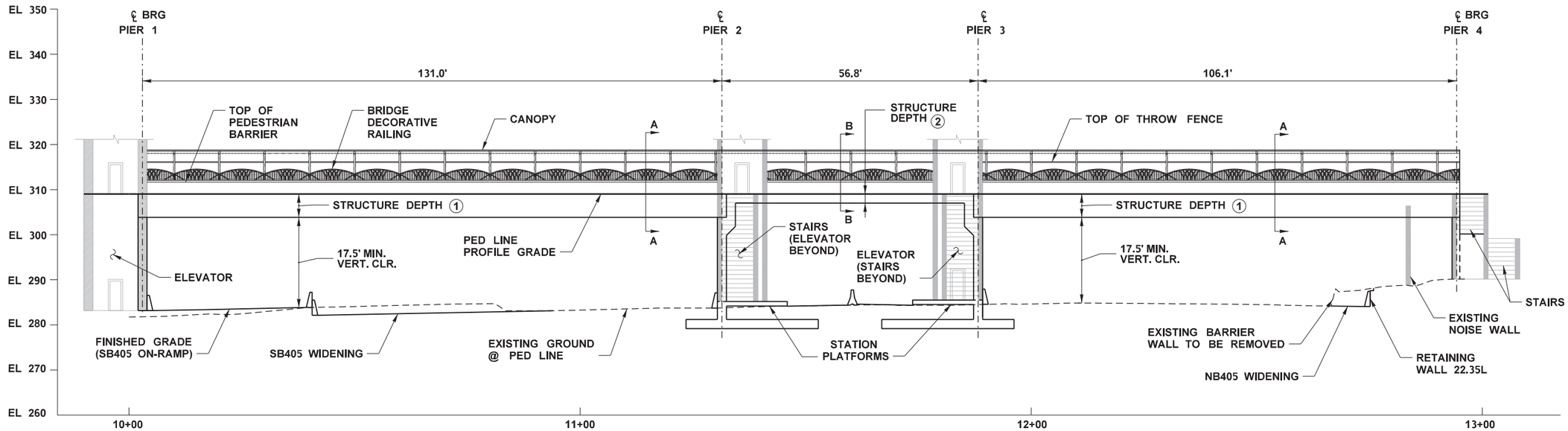
Washington State Department of Transportation

I-405
BRICKYARD PARK AND RIDE INLINE
FREEWAY STATION BRT PROJECT

BRIDGE PLAN

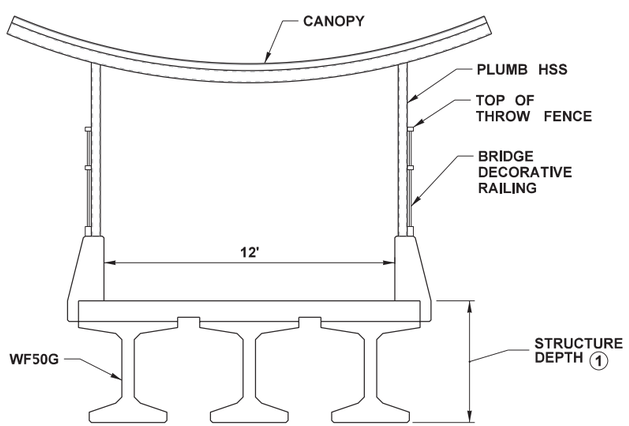
PLAN REF NO BR01

SHEET 53 OF 54 SHEETS

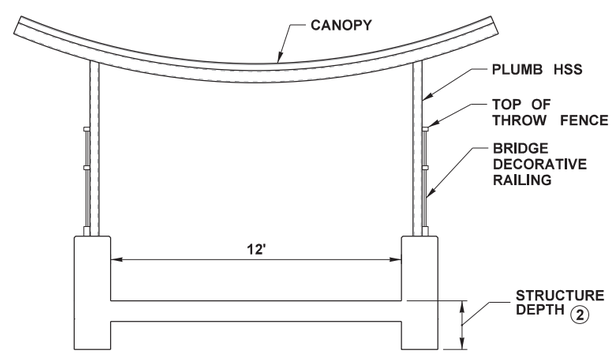


ELEVATION - LOOKING NORTH

GRADE ELEVATIONS ARE FINISH GRADES AT THE TOP OF BRIDGE DECK ON THE PROFILE GRADE



SECTION A



SECTION B

(1) 12" A DIMENSION
50" GIRDER DEPTH (P.C. GIRDERS WF50G)
= 62" ASSUMED STRUCTURE DEPTH

(2) 31" ASSUMED STRUCTURE DEPTH

LIVE LOAD: AASHTO PED

DATUM
(NAVD) 88

FILE NAME	c:\users\vyplemi\pw_wsdot\d0253310\XL6138_PS_BR_02.dgn						
TIME	6:43:56 AM				REGION NO. 10 / STATE WASH	FED.AID PROJ.NO.	
DATE	12/20/2019						
PLOTTED BY	vyplemi				JOB NUMBER		
DESIGNED BY	A. HEITZMANN						
ENTERED BY	M. VYPLEL						
CHECKED BY	T. SCHNETZER				CONTRACT NO.	LOCATION NO. XL6138	
PROJ. ENGR.	C. BARNETT						
REGIONAL ADM.	K. HENRY	REVISION	DATE	BY			

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BRICKYARD PARK AND RIDE INLINE
FREEWAY STATION BRT PROJECT

BRIDGE ELEVATION & DETAILS

PLAN REF NO BR02

SHEET 54 OF 54 SHEETS