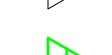
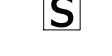
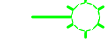
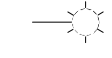
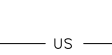
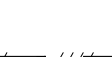
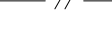
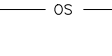
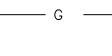
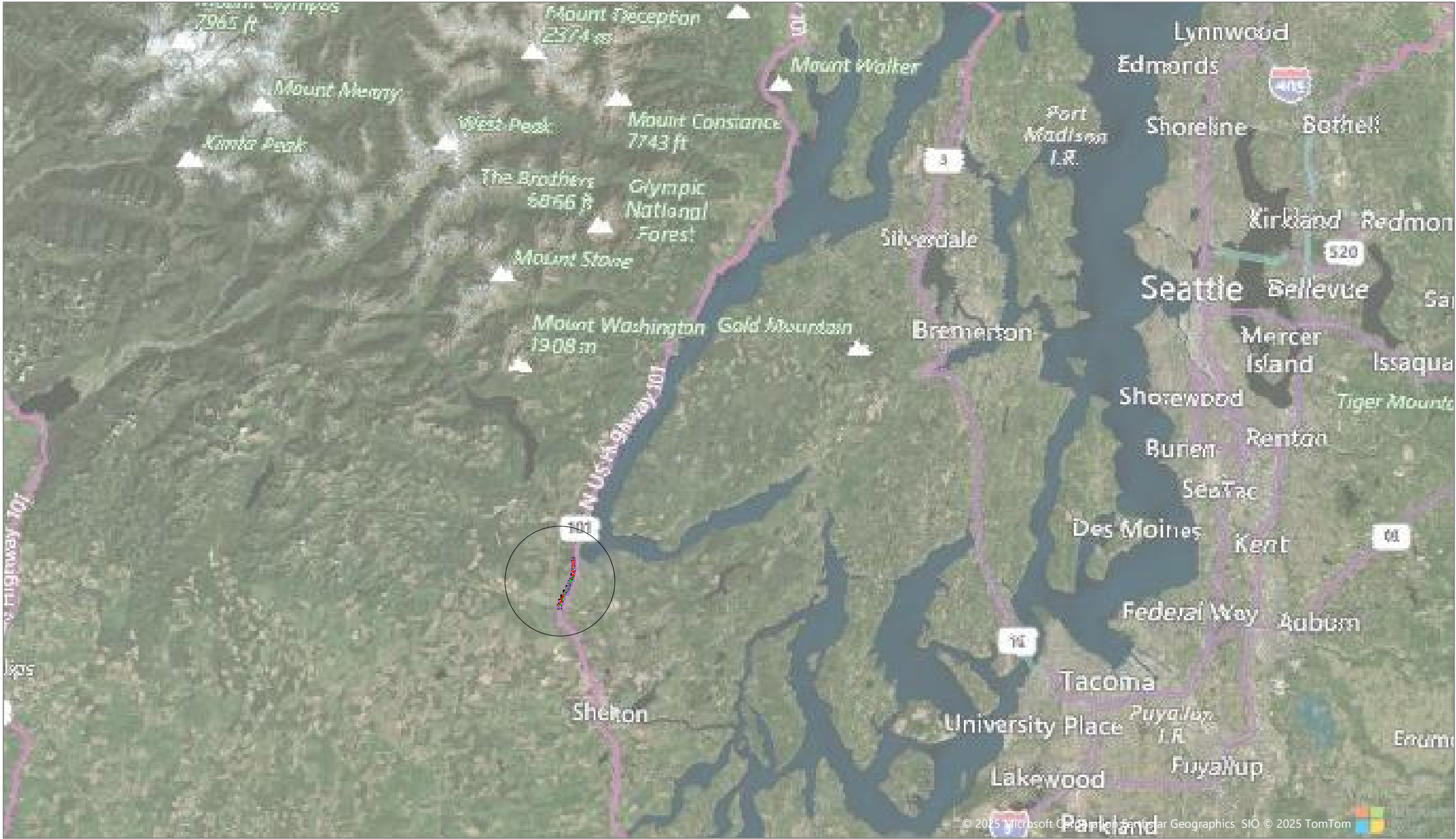


SYMBOL LEGEND

	POLE NEW
	POLE REPLACE
	POLE EXISTING
	POLE REMOVE
	GUY & ANCHOR NEW
	GUY & ANCHOR EXISTING
	GUY & ANCHOR REMOVE
	EXISTING RECLOSER - REINSTALL
	GOS NEW LOCATION
	GOS REMOVAL LOCATION
	UG VAULT EXISTING
	UG 1PH CABINET NEW
	UG 3PH CABINET NEW
	UG CABINET EXISTING
	UG 3PH RISER NEW
	UG SEC RISER NEW
	OH XFMR NEW/REPLACE
	OH XFMR REUSE
	OH XFMR EXISTING
	OH XFMR REMOVE
	UG XFMR NEW
	UG XFMR EXISTING
	UG SEC PEDESTAL NEW
	UG SEC PEDESTAL EXISTING
	STREET LIGHT REMOVAL
	STREET LIGHT EXISTING/REINSTALL
	ELECTRIC METER EXISTING
	UG 3Ø PRI EXISTING CONDUIT NEW CABLE
	UG 3Ø PRI EXISTING
	UG 1Ø PRI EXISTING CONDUIT NEW CABLE
	UG SEC EXISTING
	UG SEC NEW
	OH 3Ø PRI REPLACE
	OH 3Ø PRI EXISTING
	OH 1Ø PRI NEW
	OH 1Ø PRI EXISTING
	OH SEC NEW
	OH SEC EXISTING
	OH GUY WIRE NEW
	MILE POST
	1/10 MILE POST
	1/100 MILE POST
	WETLAND
	DANGER TREE REMOVAL
	TREE TRIMMING

PROJECT LOCATION : START: 47.350121, -123.1611; END: 47.305882, -123.178698



DRAWING LEGEND

CV - COVER SHEET
E1 - OVERHEAD S25-S35
E2 - OVERHEAD S36-S47
E3 - OVERHEAD S48-S55 & UNDERGROUND S48A-V5
E4 - OVERHEAD S56-S64 & UNDERGROUND V6-S64
E5 - OVERHEAD S65 - S73
E6 - OVERHEAD S74 - S77

PROJECT DATA

MASON COUNTY PUD NO.1 (PUD1)
OFFICE/LAYDOWN YARD
21971 N HWY 101
SHELTON, WA 98584

SITE LOCATION:

HWY 101 & HWY 106
SKOKOMISH NATION, WA

GENERAL NOTES

- PLAN DRAWING EQUIPMENT LOCATIONS ARE APPROXIMATE. ALL EQUIPMENT SHALL BE INSTALLED WITHIN EXISTING EASEMENTS AND OR ROWS
- ALL TAPS WILL BE FUSED AT SOURCE POLE UNLESS OTHERWISE STATED. ALL OH TRANSFORMERS TO BE FUSED PER "OH FUSE LOOK-UP TABLE" PROVIDED IN ATTACHED GUIDELINES DOCUMENT. FUSES NOT SHOWN ON DRAWINGS.
- PUD1 WILL PROVIDE SOME OF THE MAJOR UG MATERIALS: 500MCM CABLE, #2 CABLE, 500 MCM 4-PT JUNCTIONS, 500MCM DEADBREAK ELBOWS, #2 LOADBREAK ELBOWS, 200A & 600A DUST CAPS & 3-PHASE CABINETS W/ 4PTS JUNCTIONS.
- CONTRACTOR PROVIDES EVERYTHING NOT MENTIONED ABOVE, INCLUDING BUT NOT LIMITED TO: ALL RISER ASSEMBLY MATERIALS (PRIMARY & SECONDARY), MATERIALS NOT MENTIONED ABOVE FOR MAKING UP VAULTS AND CABINETS, SECONDARY PEDESTALS, AND ANY OTHER MATERIAL, IMPLIED OR OTHERWISE SHALL BE PROVIDED BY CONTRACTOR.
- ALL OVERHEAD TRANSFORMER (OH XFMR) CANS WITH RUST ON THE LID SHALL BE REPLACED WITH NEW OH XFMRs.
- ALL GLASS CUTOUTS SHALL BE REPLACED WITH POLYMER. ALL TAPS SHALL HAVE CUTOUTS. IF EXISTING CUTOUTS ARE GLASS THEY SHALL BE REPLACED WITH POLYMER. OTHERWISE IT IS ACCEPTABLE TO REUSE.
- ALL OVERHEAD TRANSFORMER (OH XFMR) CANS WITH RUST ON THE LID SHALL BE REPLACED WITH NEW OH XFMRs. CONTRACTOR SHALL IDENTIFY ANY POLES NOT LISTED AND NOTIFY PUD1. PUD1 WILL PROVIDE OH TRANSFORMERS.
- PUD1 WANTS CONTRACTOR TO REPURPOSE EXISTING GROUP-OPERATED-SWITCHES (GOS). REMOVALS AND ADDITIONS PER DRAWINGS.
- PUD1 WILL PROVIDE BYPASS SWITCH (ON ARM) FOR RECLOSER AT U1. EXISTING RECLOSERS TO BE REINSTALLED AS PER DRAWING.
- CONTRACTOR PROVIDES EVERYTHING NOT MENTIONED ABOVE, INCLUDING BUT NOT LIMITED TO: ALL OVERHEAD MATERIALS (DF POLES, 336 ACSR (MERLIN), 4/0 ACSR (PENGUIN), 4 ACSR (SWANATE), OH ASSEMBLIES, SEC DE, ETC.)
- REFER TO CONDUCTOR SPECIFICATIONS FOR STRINGING & SAG TABLES.
- REFER TO INSTALLATION SPECIFICATIONS FOR STORAGE AND INSTALLATION OF EQUIPMENT AND MATERIAL. IF THERE ARE COMPETING SPECIFICATIONS OR GUIDELINE ADHERE TO STRICTEST ONE.
- ALL TRENCHES SHALL HAVE A MINIMUM WIDTH OF 2' UNLESS SPECIFIED OTHERWISE.
- ALL TRENCHES SHALL BE BACKFILLED IN ACCORDANCE WITH CONDUIT INSTALLATION SPECIFICATIONS.
- CONTRACTOR SHALL FOLLOW ALL FEDERAL, STATE AND LOCAL LAWS REGARDING UNDERGROUND CONSTRUCTION AND SAFETY PRACTICES.

ABBREVIATIONS

OH: OVERHEAD
UG: UNDERGROUND
DE: DEADEND
DDE: DOUBLE DEADEND
XFMR: TRANSFORMER
GOS: GROUP OPERATED SWITCH
SEC: SECONDARY
PRI: PRIMARY
ANC: ANCHOR
TAN: TANGENT

BID DRAWING

VALLEY DR - BOURGAULT RD
S25 -S77 REBUILD
COVER SHEET



CV
1 / 7

0	07/02/2025	BID DRAWING	JJW
REV	DATE	REVISION DESCRIPTION	DESIGNER

CURRENT REVISION: 0

WORK ORDER: 25005

OVERHEAD KEYED NOTES

- S25

EXISTING 40-2 POLE. REPLACE 3PH DE FIBERGLASS (FG). INSTALL GOS FROM UG RISER.
- S26

EXISTING 55-2 POLE. REPLACE 3PH DDE FG.
- S27

REPLACE W/ 50-2 POLE. INSTALL 3PH TAN (TWIGGY), 1PH DE (W/10K), 1PH XFMR (REUSE EXISTING), OH SEC DE, DOWN GUY & ANCHOR.
- S27L1

REPLACE W/ 50-2 POLE. INSTALL 1PH DDE (4ACSR HWY XING & CU TO EAST) & DOWN GUY.
- S28

EXISTING 45-4 POLE. REPLACE 3PH TAN (TWIGGY), 1PH DE (W/20K). INSTALL NEW DOWN GUY & ANCHOR.
- S28R1

REPLACE W/ 45-2 POLE. RETIRE 1PH DE & INSTALL GUY SPAN TO S28R1R1. INSTALL 1PH DDE, NEW 1PH XFMR & OH SEC.
- S28R1R1

REPLACE W/ 40-2 POLE. RETIRE 1PH DE. INSTALL GUY SPAN FROM S28R1.
- S29

EXISTING 45-2 POLE. REMOVE GOS AND REUSE ON S64A. REPLACE DDE W/ 3PH TAN (TWIGGY).
- S30

EXISTING 50-2 POLE. REPLACE 3PH TAN (TWIGGY). 1PH DE TO REMAIN. ENSURE TAP FUSE IS 10K.
- S30L1

REPLACE W/ 50-2 POLE. REPLACE 1PH DE, DOWN GUY & REUSE EXISTING XFMR.
- S31

EXISTING 45-2 POLE. REPLACE 3PH TAN (TWIGGY) & 1PH DE (W/15K). RETIRE UNUSED DOWN GUY.
- S31R1

REPLACE W/ 45-2 POLE. INSTALL 1PH DDE (4ACSR FROM EAST & 6CU TO WEST), NEW 1PH XFMR & OH SEC.
- S32

REPLACE W/ 50-2 POLE (INSTALL CLOSER TO HWY TO REDUCE LINE ANGLE). INSTALL 3PH TAN (TWIGGY).
- S33

EXISTING 45-2 POLE. REPLACE 3PH TAN (TWIGGY).
- S34

EXISTING 45-2 POLE. REPLACE 3PH DDE FG.
- S35

REPLACE W/ 50-2 POLE. INSTALL 3PH TAN (TWIGGY), 1PH DE (10K), OH SEC DE, DOWN GUY & ANCHOR.

UNDERGROUND KEYED NOTES

- S25

INSTALL GOS FROM PUD1 YARD AND TERMINATE EXISTING 4/0 RISER TO LOAD SIDE.
- S28R1R1

RETIRE UNUSED 1PH RISER. INSTALL SEC 3" RISER (4/0TPX) & SEC PED. INTERCEPT EXISTING UG SEC W/ NEW SEC PED.
- S30L1

REPLACE (2) SEC RISERS W/ (1) SEC 3" RISER (350TPX) AND SEC PED. INTERCEPT (2) EXISTING UG SEC W/ NEW SEC PED.
- S35

INSTALL 3PH PRI RISER (25K), 3PH CABINET, SEC 3" RISER & SEC PED. INTERCEPT EXISTING 3PH UG PRI W/ 3PH CABINET & EXISTING SEC W/ SEC PED.

CONDUCTOR NOTES

- S25

S26

REMOVE (250') 4/0 ACSR-φ W/ 1/0 ACSR-N - INSTALL (250') 336 ACSR-φ W/ 4/0 ACSR-N
- S26

S29

REMOVE (825') 4/0 ACSR-φ W/ 1/0 ACSR-N

S29

S34

REMOVE (1450') 4/0 ACSR-φ W/ 1/0 ACSR-N
- S26

S34

INSTALL (2275') 336 ACSR-φ W/ 4/0 ACSR-N
- S34

S45

REMOVE (2700') 4/0 ACSR-φ W/ 1/0 ACSR-N - INSTALL (2700') 336 ACSR-φ W/ 4/0 ACSR-N
- S28

S28R1

REMOVE (140') 1φ CU - INSTALL (140') 1φ 4 ACSR

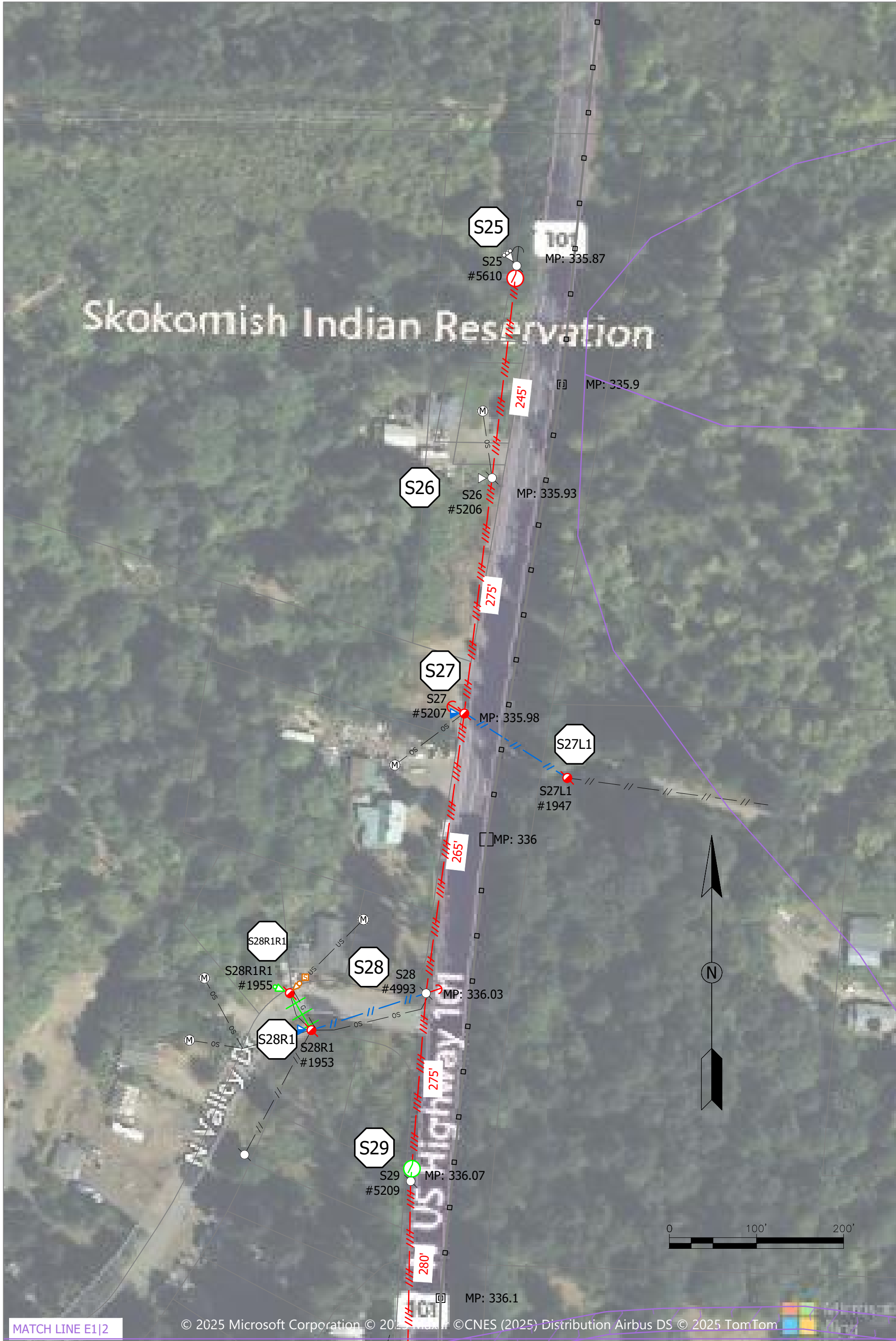
S28R1

S28R1R1

REMOVE (50') 1φ CU - NO REPLACEMENT
- S30

S30L1

REMOVE (115') 1φ CONDUCTOR - INSTALL SLACK SPAN (115') 1φ 4 ACSR



1 OVERHEAD S25 - S29
Scale: 1"=100'



2 OVERHEAD S30 - S35
Scale: 1"=100'

BID DRAWING			
REV	DATE	REVISION DESCRIPTION	DESIGNER

VALLEY DR - BOURGAULT RD

S25 -S77 REBUILD

OVERHEAD S25 - S35

CURRENT REVISION: 0

WORK ORDER: 25005



OVERHEAD KEYED NOTES

- S35L1
- REPLACE W/ 50-2 POLE. INSTALL 1PH DDE, DOWN GUY, OH SEC DE & REUSE XFMR.
- S36
- EXISTING 45-2 POLE. REPLACE 3PH TAN (TWIGGY).
- S37
- EXISTING 45-2 POLE. REPLACE 3PH TAN (TWIGGY) AND XFMR CUTOUT.
- S38
- REPLACE W/ 50-2 POLE. REPLACE 3PH TAN (TWIGGY), 1PH DE (10K TO WEST), 1PH DE (CMR RECLOSER TO EAST), (3) OH SEC DE & REUSE XFMR. TRANSFER CMR RECLOSER FROM S38L1.
- S38L1
- REPLACE W/ 50-2 POLE. REPLACE 1PH DDE (4ACSR FROM NW & CU TO SE), 1PH DE (10K CU TO EAST), OH SEC DE & STREETLIGHT. TRANSFER 1-PH RECLOSER TO S38.
- S38R1
- REPLACE W/ 45-2 POLE. REPLACE 1PH DDE.
- S39
- EXISTING 45-2 POLE. REPLACE 3PH TAN (TWIGGY).
- S41
- REPLACE W/ 50-2 POLE. REPLACE 3PH TAN (TWIGGY), 3PH DE FG (15K), 1PH DE (10K), 3PH BANK (REUSE XFMRs), OH SEC DE. INSTALL DOWN GUY & ANCHOR. RECONFIGURE SEC TO REMOVE OH SEC CROSSING.
- S41L1
- REPLACE W/ 50-2 POLE, 3PH DE FG, 3PH BANK (REUSE 50KVA XFMRs, REPLACE 15KVA W/ 50KVA), OH SEC DE & DOWN GUY. RECONFIGURE SEC TO REMOVE OH SEC CROSSING.
- S42
- EXISTING 45-2 POLE. REPLACE 3PH TAN (TWIGGY) & 1PH DE HORIZONTAL (10K). INSTALL DOWN GUY AND ANCHOR.
- S42R1
- REPLACE W/ 45-2 POLE. INSTALL 1PH DDE HORIZONTAL, DOWN GUY & ANCHOR. CUT INTO AND DDE A6.21 (4ACSR FROM EAST & 6CU TO WEST).
- S43
- EXISTING 45-2 POLE. REPLACE 3PH TAN (TWIGGY). REMOVE UNUSED DOWN GUY.
- S44
- EXISTING 45-2 POLE. REPLACE 3PH TAN (TWIGGY). INSTALL 1PH XFMR (TRANSFERRED FROM S45). RETIRE OH SEC TO THE SOUTH.
- A1
- REMOVE 25-5 POLE, STREETLIGHT, SECONDARY OVERHEAD TO NORTH & SOUTH.
- S44A
- REPLACE W/ 50-2 POLE, 3PH TAN (TWIGGY) & 3PH DE FG (25K). INSTALL DOWN GUY AND ANCHOR.
- S44AL1
- REPLACE W/ 50-2 POLE, 3PH DE FG & 1PH DE (10K). INSTALL DOWN GUY & ANCHOR.
- S44AL2
- REPLACE W/ 45-2 POLE, 1PH DE, 1PH XFMR (REUSE XFMR) & DOWN GUY.
- S45
- REPLACE W/ 50-2 POLE (ADJUST POLE LOCATION TO REDUCE LINE ANGLE), 3PH DDE FG. RETIRE OH SEC TO NORTH. TRANSFER 15KVA XFMR TO S44.
- S46
- REPLACE W/ 50-2 POLE & 3PH TAN SM ANGLE (TWIGGY). EXISTING PUSH POLE TO REMAIN FOR LINE ANGLE SUPPORT.
- S47
- REPLACE W/ 50-2 POLE, 3PH MED ANGLE ALLEY (TWIGGY) & SPAN GUY.
- S47GS
- REPLACE W/ 45-2 POLE, SPAN GUY & DOWN GUY.

UNDERGROUND KEYED NOTES

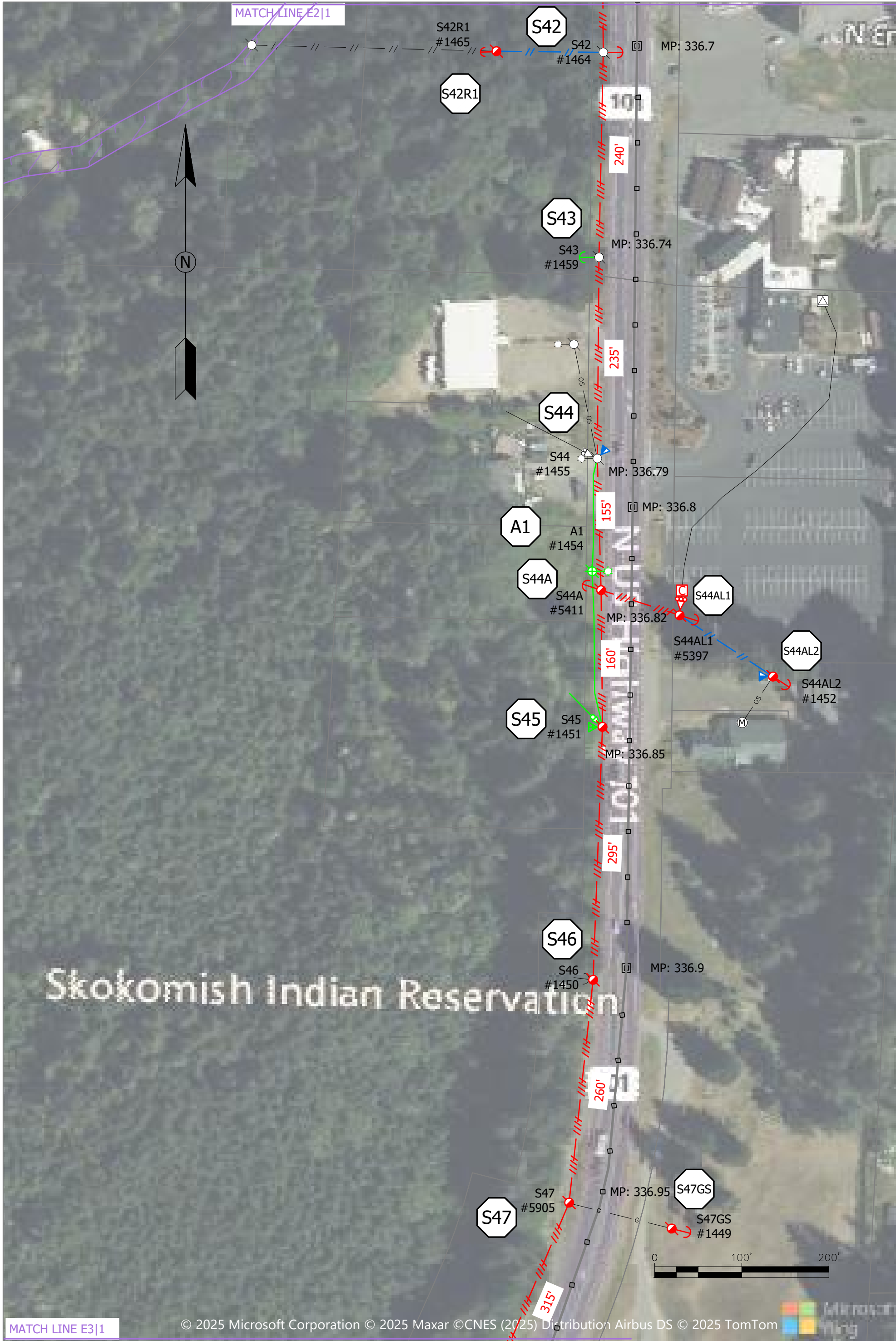
- S41L1
- INSTALL SECONDARY RISERS (1) 3" (3PH SERVICE), (1) 2"(WSDOT - METER) & (1) 1"(WSODT - LED). INSTALL SEC PEDS AS NEEDED TO PICK-UP UG SECONDARY.
- S44
- EXISTING V-PHASE PRI RISER TO REMAIN.
- S44AL1
- INSTALL 3PH PRI RISER W/O CUTOUTS OR FUSES (FUSED FROM OH ACROSS HWY) AND 3PH CABINET. INTERCEPT EXISTING 3PH UG PRI W/ 3PH CABINET.
- S45
- RETIRE UG SEC RISER.

CONDUCTOR NOTES

- S34
- S45
- REMOVE (2700') 4/0 ACSR-φ W/ 1/0 ACSR-N - INSTALL (2700') 336 ACSR-φ W/ 4/0 ACSR-N
- S45
- S48A
- REMOVE (1245') 4/0 ACSR-Ø W/ 1/0 ACSR-N - INSTALL (1245') 336 ACSR-Ø W/ 4/0 ACSR-N
- S35
- S35L1
- REMOVE (310') 1φ CU - INSTALL (310') 1φ 4 ACSR



- 1
- OVERHEAD S36 - S41
- Scale: 1"=100'
- S38
- S38R1
- REMOVE (330') 1φ CU - INSTALL (330') 1φ 4 ACSR
- S38
- S38L1
- REMOVE (310') 1φ CU - INSTALL (310') 1φ 4 ACSR
- S41
- S41L1
- REMOVE (320') CU-Ø W/ CU-N - INSTALL (320') 4 ACSR-Ø W/ 4 ACSR-N



- 2
- OVERHEAD S42 - S47
- Scale: 1"=100'
- S44A
- S44AL1
- REMOVE (350') CU-Ø W/ CU-N - INSTALL (350') 4 ACSR-Ø W/ 4 ACSR-N
- S44AL1
- S44AL2
- REMOVE (330') 1φ CU - INSTALL (330') 1φ 4 ACSR

BID DRAWING

VALLEY DR - BOURGAULT RD
S25 -S77 REBUILD
OVERHEAD S36 - S47

CURRENT REVISION: 0 WORK ORDER: 25005



OVERHEAD KEYED NOTES

- S48

REPLACE W/ 50-2 POLE, 3PH ALLEY ARM, 3PH FG DE (BASTARD CORNER - PAY ATTENTION TO PHASING), 1 PH XFMR (NEW XFMR), OH SEC & DOWN GUYS.
- U1

REPLACE W/ 50-2 POLE, H1.1, & C6.21F FRAMING. REUSE EXISTING RECLOSER & BYPASS SWITCH.
- S48A

INSTALL 55-2 POLE, C5.21F, E1.1 & F2.8 FRAMING.
- S49

RETIRE POLE, FRAMING & OH CONDUCTOR
- S50

RETIRE POLE, FRAMING & OH CONDUCTOR
- S51

RETIRE POLE, FRAMING & OH CONDUCTOR
- S51C1

RETIRE SECONDARY POLE
- S52

RETIRE POLE, FRAMING & OH CONDUCTOR
- S53

RETIRE POLE, FRAMING & OH CONDUCTOR
- S54

RETIRE POLE, FRAMING & OH CONDUCTOR
- S55

RETIRE POLE, FRAMING & OH CONDUCTOR

UNDERGROUND KEYED NOTES

- S48

REMOVE 2" SEC RISER. INSTALL SEC 2" RISER AND SEC PED. INTERCEPT EXISTING UG SEC TO WSDOT METER CABINET W/ NEW SEC PED.
- S48A

INSTALL 3PH 500MCM RISER W/ GOS. REUSE EXISTING GOS.
- V1

PULL IN (3) 500MCM FROM S48A. INSTALL AND MAKEUP VAULT ASSEMBLY.
- V2

PULL IN (3) 500MCM FROM V1. INSTALL AND MAKEUP VAULT ASSEMBLY.
- V3

PULL IN (3) 500MCM FROM V2. INSTALL AND MAKEUP VAULT ASSEMBLY.
- V4

PULL IN (3) 500MCM FROM V3. INSTALL AND MAKEUP VAULT ASSEMBLY.
- V5

PULL IN (3) 500MCM FROM V4. INSTALL AND MAKEUP VAULT ASSEMBLY.

CONDUCTOR NOTES

- S45

S48A

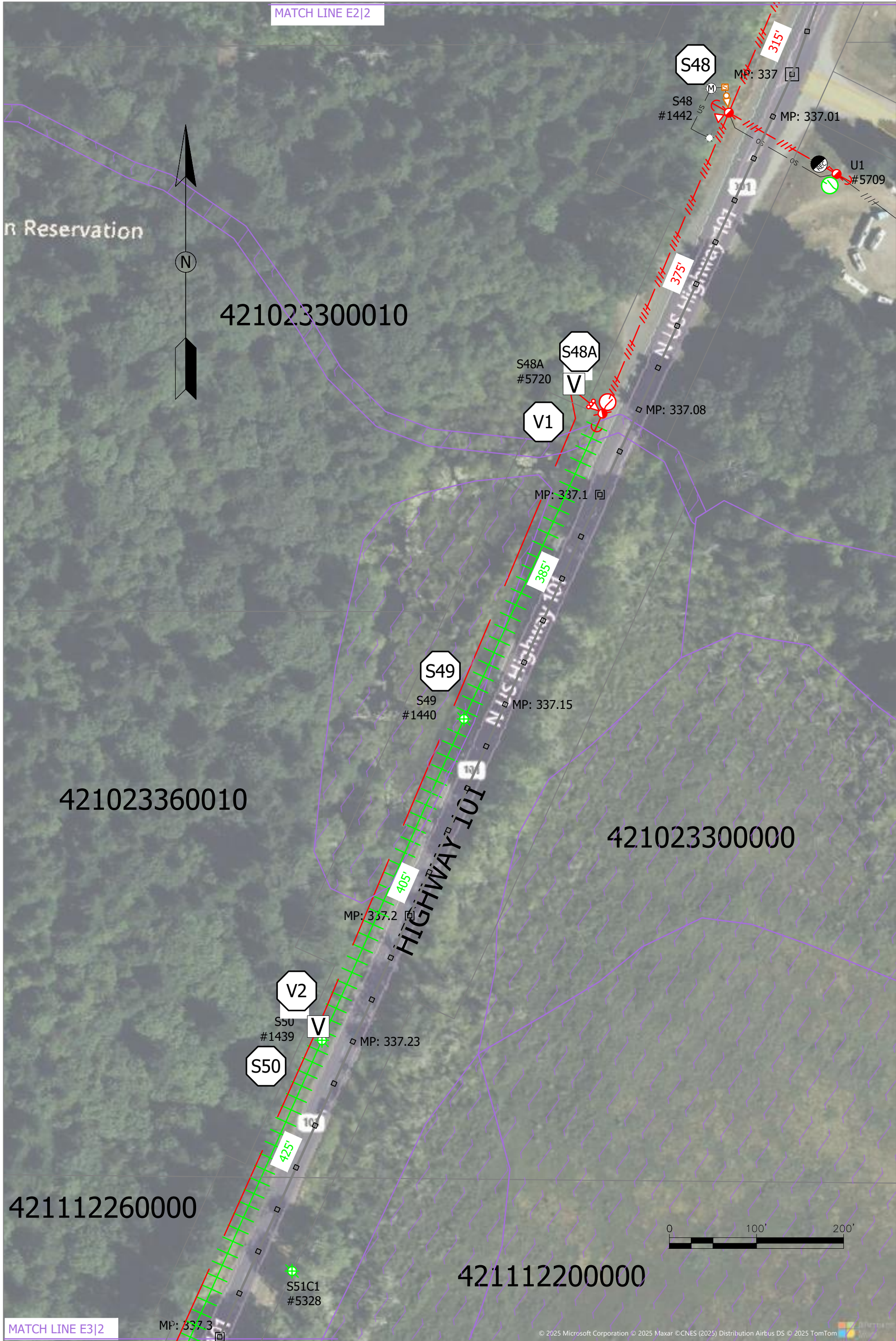
REMOVE (1250') 4/0 ACSR-Ø W/ 1/0 ACSR-N - INSTALL (1250') 336 ACSR-Ø W/ 4/0 ACSR-N
- S48A

S64

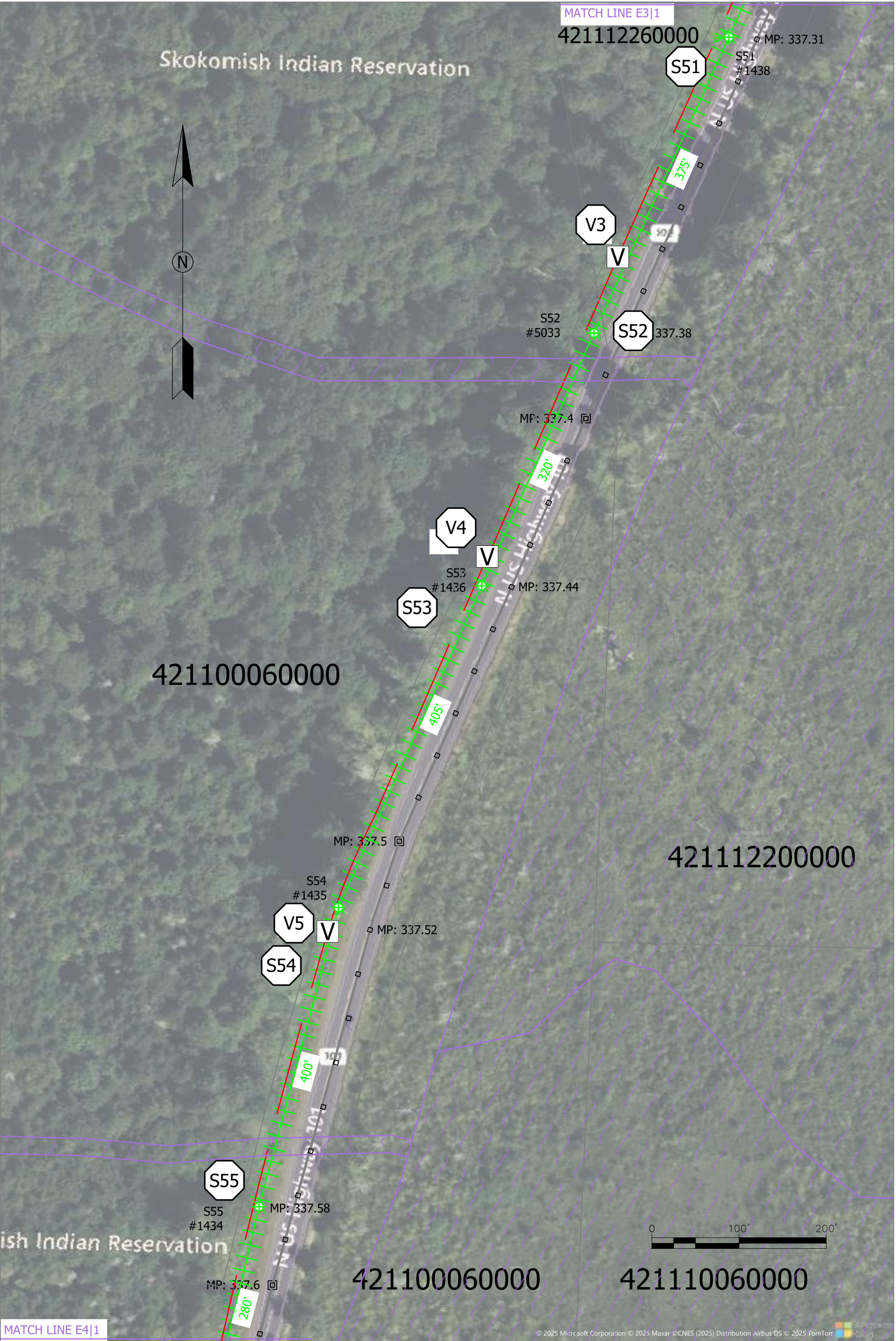
REMOVE (6250') 4/0 ACSR-Ø W/ 1/0 ACSR-N
- S48

U1

REMOVE (340') 4/0 ACSR-Ø W/ 1/0 ACSR-N - INSTALL (340') 4/0 ACSR-Ø W/ 1/0 ACSR-N



1 OVERHEAD S48 - S50 & UNDERGROUND S48A - V2
Scale: 1"=100'



2 OVERHEAD S51 - S55 & UNDERGROUND V3 - V5
Scale: 1"=100'

BID DRAWING				
REV	DATE	REVISION DESCRIPTION	DESIGNER	

VALLEY DR - BOURGAULT RD

S25 -S77 REBUILD

OVERHEAD S48 - S55 & UNDERGROUND S48A - V5

CURRENT REVISION: 0

WORK ORDER: 25005



OVERHEAD KEYED NOTES

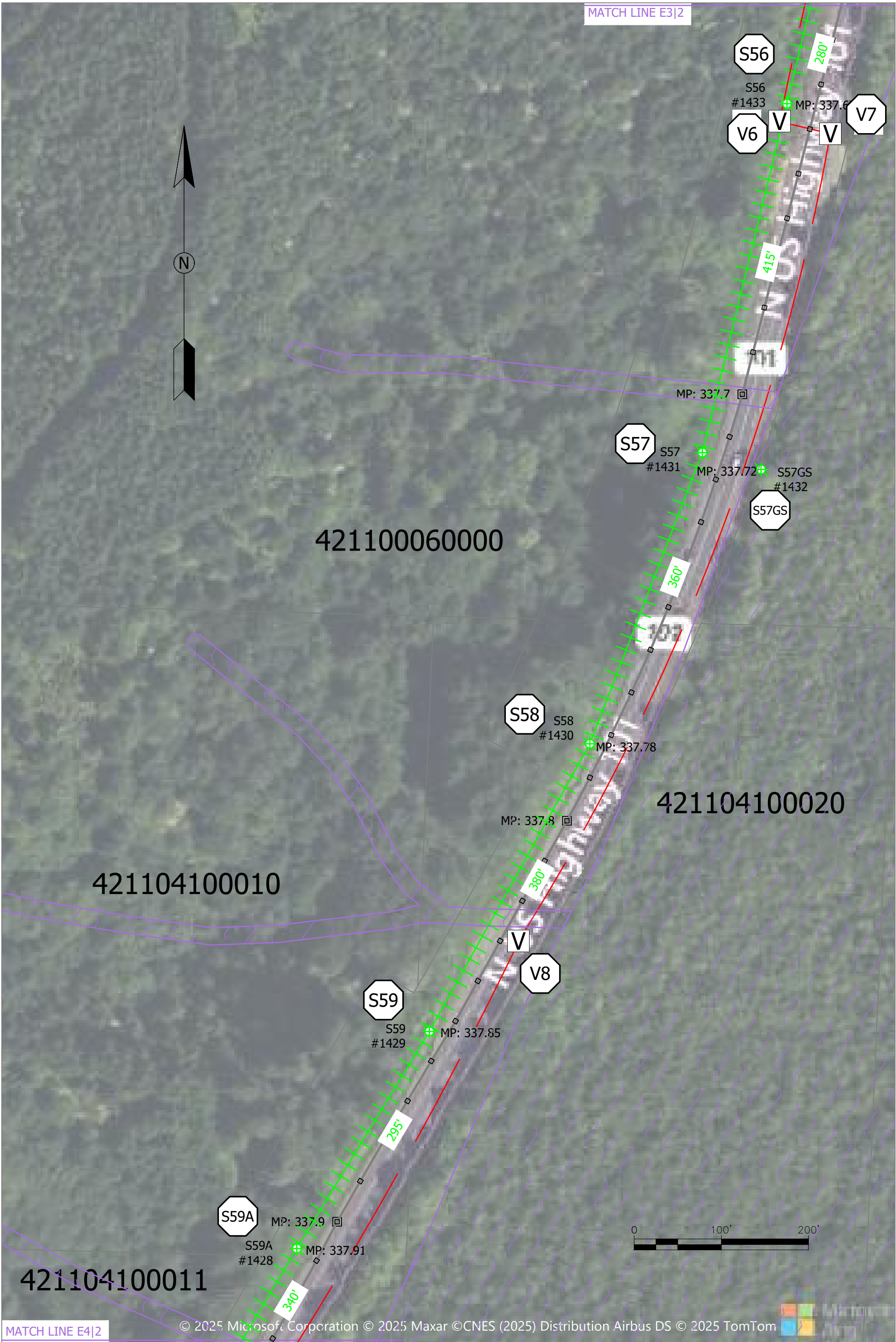
- (S56) RETIRE POLE, FRAMING & OH CONDUCTOR
- (S57) RETIRE POLE, FRAMING & OH CONDUCTOR
- (S57GS) RETIRE POLE, FRAMING & OH GUY
- (S58) RETIRE POLE, FRAMING & OH CONDUCTOR
- (S59) RETIRE POLE, FRAMING & OH CONDUCTOR
- (S59A) RETIRE POLE, FRAMING & OH CONDUCTOR
- (S60) RETIRE POLE, FRAMING & OH CONDUCTOR
- (S60GS) RETIRE POLE, FRAMING & OH GUY
- (S61) RETIRE POLE, FRAMING & OH CONDUCTOR
- (S61A1) RETIRE OH SEC CROSSING
- (S62) RETIRE POLE, FRAMING & OH CONDUCTOR
- (S63) RETIRE POLE, FRAMING & OH CONDUCTOR
- (S64) REPLACE W/ 50-2 POLE & 3PH FG DE. INSTALL DOWN GUYS & ANCHORS.

UNDERGROUND KEYED NOTES

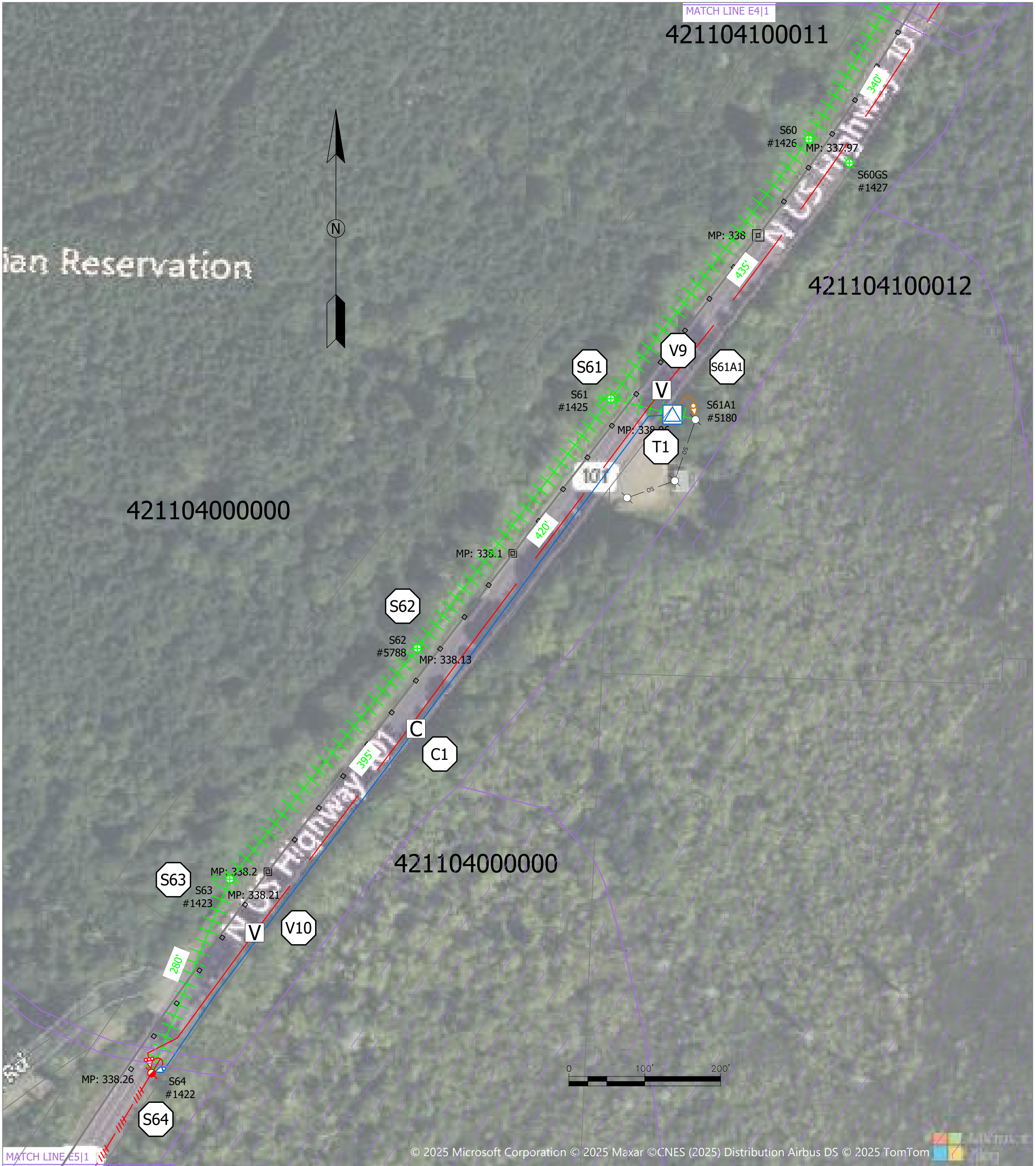
- (V6) PULL IN (3) 500MCM FROM V5. INSTALL AND MAKEUP VAULT ASSEMBLY.
- (V7) PULL IN (3) 500MCM FROM V6. INSTALL AND MAKEUP VAULT ASSEMBLY.
- (V8) PULL IN (3) 500MCM FROM V7. INSTALL AND MAKEUP VAULT ASSEMBLY.
- (V9) PULL IN (3) 500MCM FROM V8. INSTALL AND MAKEUP VAULT ASSEMBLY.
- (V10) PULL IN (3) 500MCM FROM V9. INSTALL AND MAKEUP VAULT ASSEMBLY.
- (S64) INSTALL 3PH RISER (W/O CUTOUPS OR SWITCHES) AND (3) 500MCM FROM V10. INSTALL 1PH RISER W/10K FUSE TO C1.
- (C1) PULL IN (1) #2AL CABLE FROM S64. INSTALL AND MAKEUP 1PH FEED-THRU CABINET.
- (T1) PULL IN (1) #2AL CABLE FROM C1. INSTALL AND MAKEUP 1PH PADMOUNT 25KVA TRANSFORMER.
- (S61A1) PULL IN (1) 4-0 TPX SEC URD CABLE FROM T1. INSTALL AND MAKEUP SECONDARY RISER TO PICKUP EXISTING OVERHEAD SECONDARY.

CONDUCTOR NOTES

- (S48A)-(S64) REMOVE (6250') 4/0 ACSR-φ W/ 1/0 ACSR-N
- (S64)-(S67) REMOVE (1160') 4/0 ACSR-φ W/ 1/0 ACSR-N
- (S64)-(S64A) INSTALL (400') 336 ACSR-φ W/ 4/0 ACSR-N



1 OVERHEAD S56 - S60 & UNDERGROUND V6 - V8
Scale: 1"=100'



2 OVERHEAD S60 - S64 & UNDERGROUND V9 - S64
Scale: 1"=100'

REV	DATE	REVISION DESCRIPTION	DESIGNER

BID DRAWING

VALLEY DR - BOURGAULT RD
S25 -S77 REBUILD
OVERHEAD S56 - S64 & UNDERGROUND V6 - S64

CURRENT REVISION: 0 WORK ORDER: 25005



E4

OVERHEAD KEYED NOTES

- S64A

INSTALL NEW 50-2 POLE, 3PH DDE FG & GOS.
- S65

REPLACE W/ 50-2 POLE (ADJUST POLE LOCATION NO CLOSER THAN 10' FROM HWY TO REDUCE LINE ANGLE), 3PH TAN (XARM), 3PH DE FG (40K) & DOWN GUY.
- S65R1A

RESAG BACK TO S65 (NEW LOCATION).
- S66

REPLACE W/ 50-2 POLE, 3PH MED ANG (DBL XARM), 1PH DE (10K), 1PH XFMR (NEW), OH SEC & SPAN GUY.
- S66GS

REPLACE W/ 45-2 POLE & DOWN GUY.
- S66A1

REPLACE W/ 40-2 POLE & OH SEC. REDUCE EXCESSIVE SAG.
- S66R1

REPLACE W/ 45-2 POLE, 1PH DDE & DOWN GUY.
- S67

REPLACE W/ 50-2 POLE, 3PH SM ANG TAN (XARM), 1PH OH XFMR (REUSE XFMR), OH SEC & SPAN GUY.
- S67GS

REPLACE W/ 45-2 POLE & DOWN GUY.
- S68

REPLACE W/ 55-2 POLE, 3PH MED ANG TAN (DBL XARM), 1PH DE (10K) & OH SEC. INSTALL DOWN GUY AND ANCHOR.
- S68R1

REPLACE W/ 50-2 POLE, 1PH DE, 1PH XFMR (NEW), OH SEC & DOWN GUY.
- S69

REPLACE W/ 55-2 POLE, 3PH TAN (XARM), 1PH XFMR (REUSE XFMR) & OH SEC.
- S70

REPLACE W/ 60-2 POLE, 3PH TAN (XARM) & 1 PH DE (10K). INSTALL DOWN GUY & ANCHOR).
- S70R1

REPLACE W/ 50-2 POLE, 1PH DDE & DOWN GUY.
- S71

REPLACE W/ 60-H1 POLE & 3PH DDE FG.
- S72

REPLACE W/ 60-H1 POLE, 3PH DDE FG, 1PH XFMR (REUSE XFMR) & OH SEC.
- S73

REPLACE W/ 60-2 POLE, 3PH SM ANG TAN (XARM) & 1PH DE (10K). INSTALL DOWN GUY & ANCHOR.
- S73R1

EXISTING 45-2 POLE. REPLACE 1PH DE.

UNDERGROUND KEYED NOTES

- S68R1

REMOVE 2" SEC RISER. INSTALL SEC 2" RISER AND SEC PED. INTERCEPT EXISTING UG SEC W/ NEW SEC PED.

CONDUCTOR NOTES

- S64

—

S67

REMOVE (1160') 4/0 ACSR-φ W/ 1/0 ACSR-N
- S67

—

S75

REMOVE (2970') 4/0 ACSR-φ W/ 1/0 ACSR-N
- S64

—

S64A

INSTALL (400') 336 ACSR-φ W/ 4/0 ACSR-N
- S64A

—

S71

INSTALL (2260') 336 ACSR-φ W/ 4/0 ACSR-N
- S71

—

S72

INSTALL (400') 336 ACSR-φ W/ 4/0 ACSR-N
- S72

—

S77

INSTALL (1450') 336 ACSR-φ W/ 4/0 ACSR-N
- S65

—

S65R1A

RESAG 1/0 ACSR-φ W/ 1/0 ACSR-N BACK TO NEW S65
- S66

—

S66R1

REMOVE (160') 1φ CU - INSTALL (160') 1φ 4 ACSR
- S68

—

S68R1

REMOVE (185') 1φ CU - INSTALL (185') 1φ 4 ACSR
- S70

—

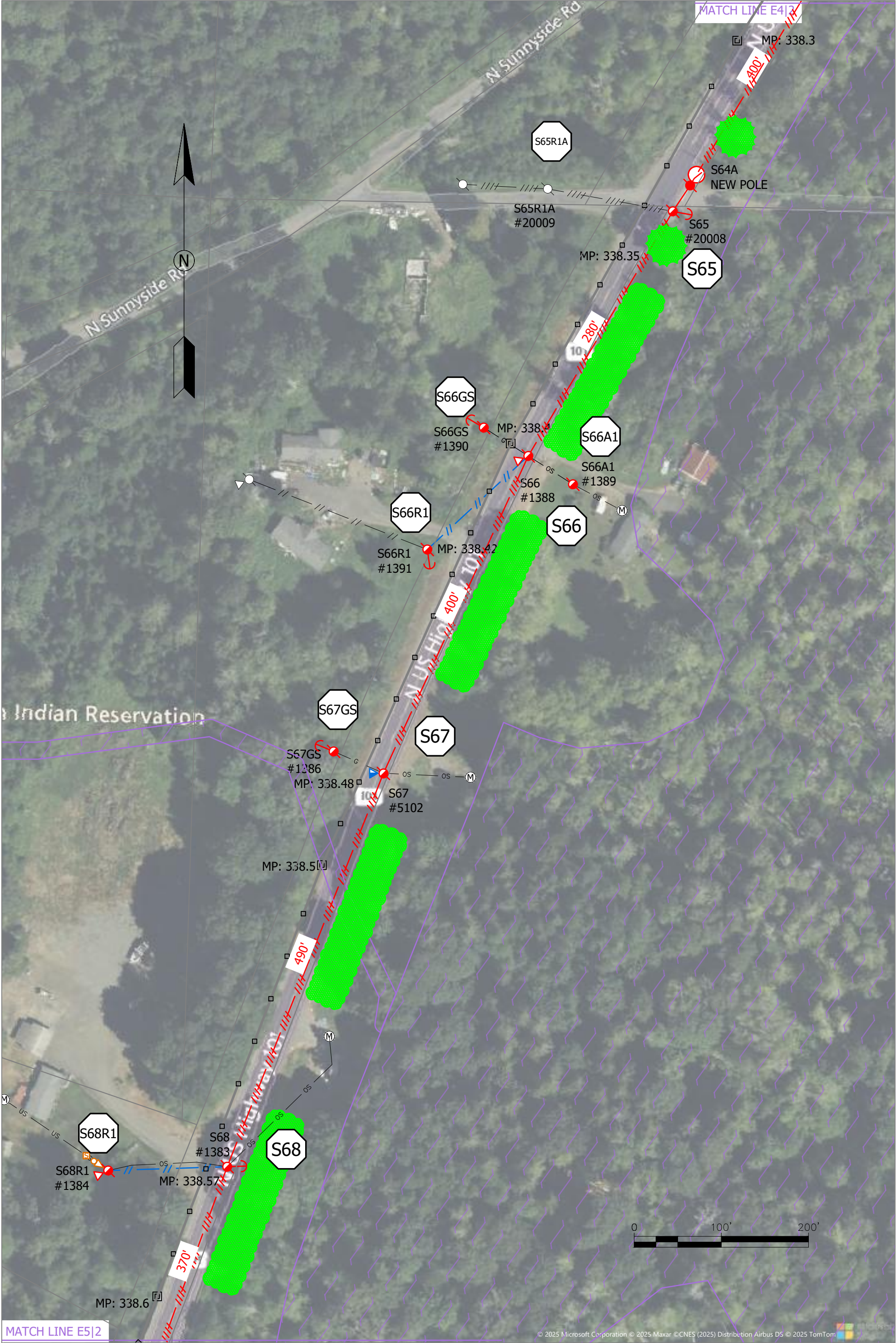
S70R1

REMOVE (210') 1φ CU - INSTALL (210') 1φ 4 ACSR
- S73

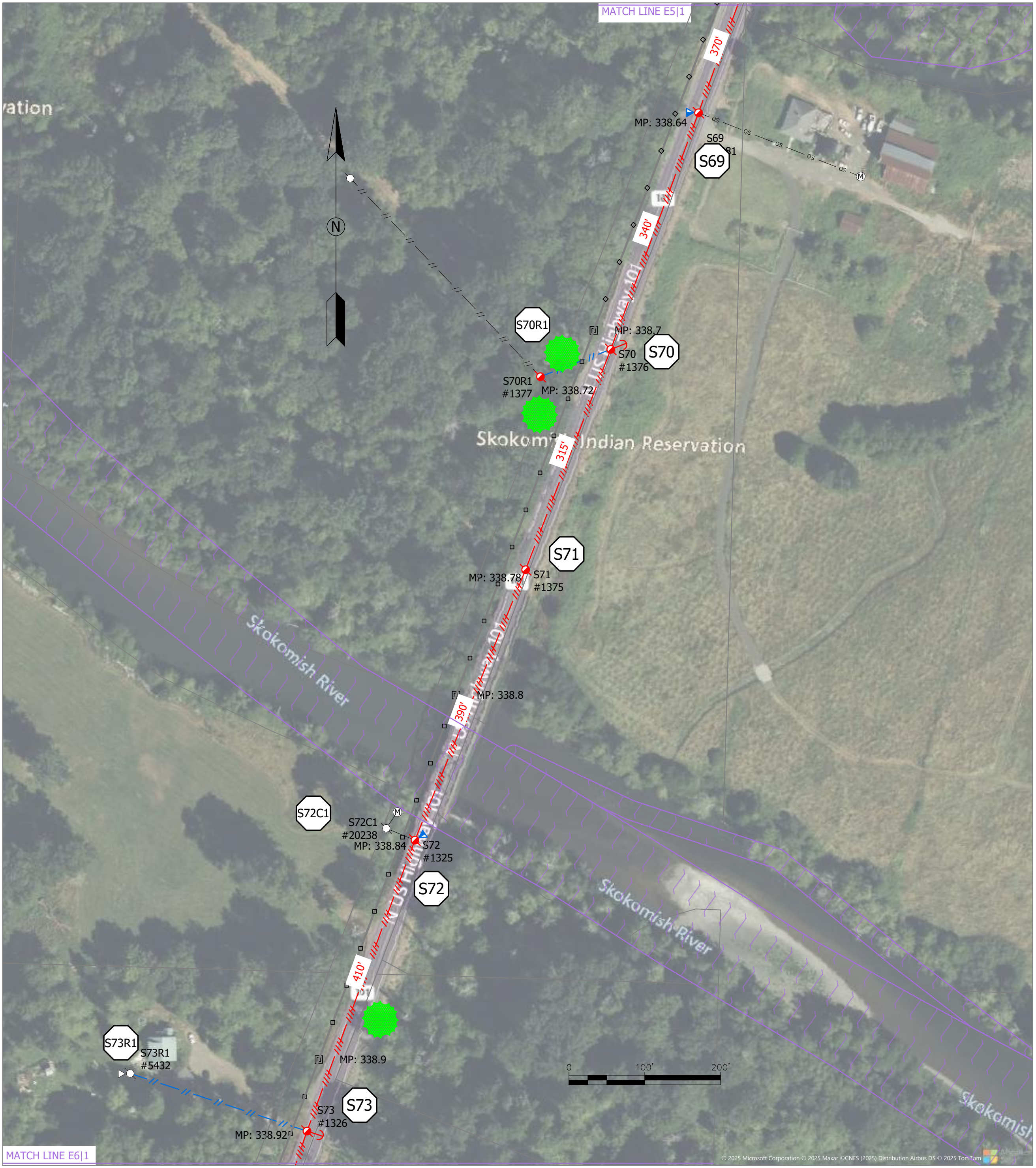
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S73R1

REMOVE (245') 1φ CU - INSTALL (245') 1φ 4 ACSR



1 OVERHEAD S65 - S68
Scale: 1"=100'



2 OVERHEAD S68 - S73
Scale: 1"=100'

BID DRAWING

VALLEY DR - BOURGAULT RD
S25 -S77 REBUILD
OVERHEAD S65-S73

CURRENT REVISION: 0 WORK ORDER: 25005



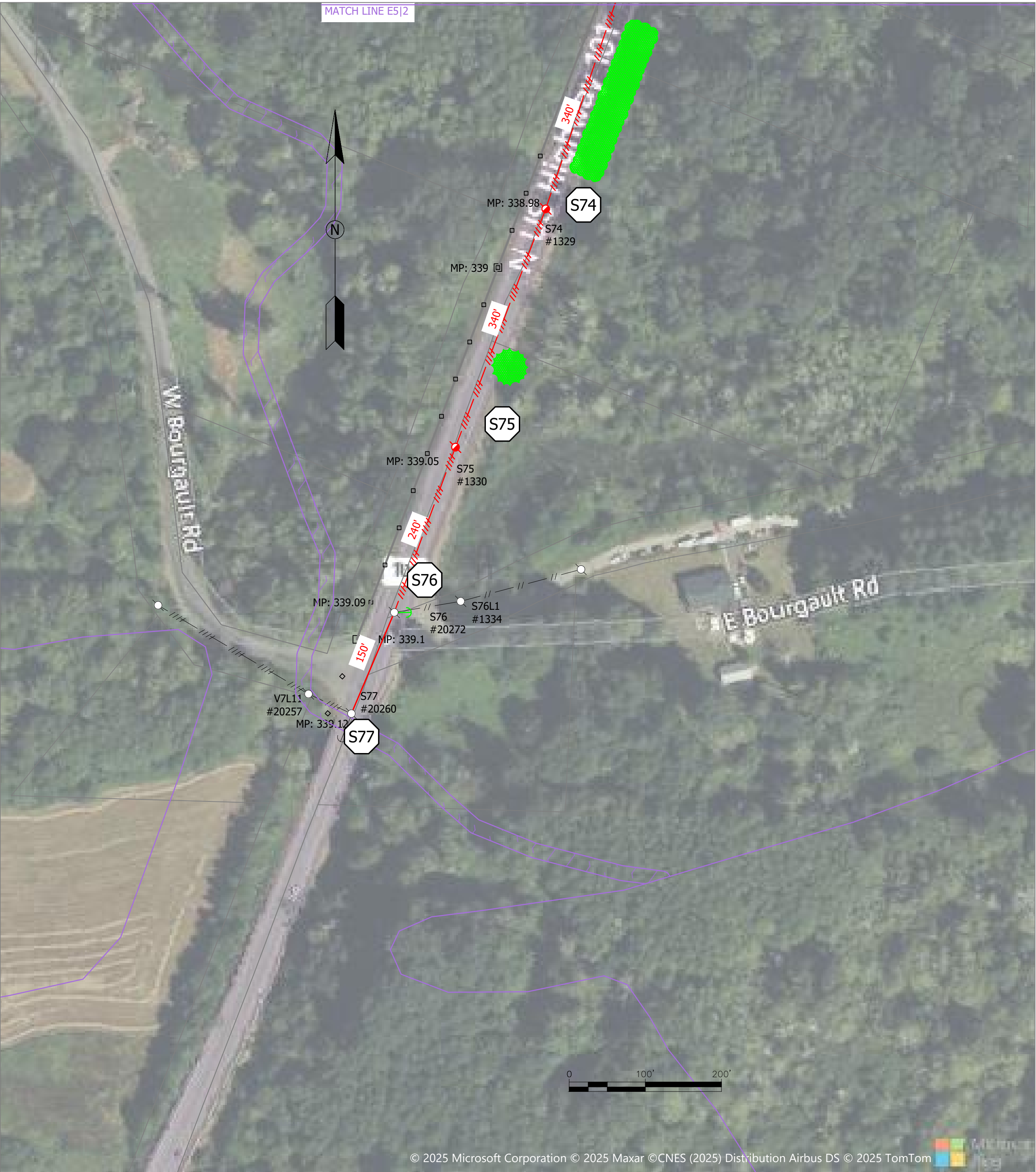
E5
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OVERHEAD KEYED NOTES

- S74 REPLACE W/ 60-2 POLE & 3PH TAN (XARM).
- S75 REPLACE W/ 60-2 POLE & 3PH MED ANG (DBL XARM).
- S76 EXISTING 50-2 POLE. REPLACE FRAMING W/ 3PH MED ANG (DBL XARM). EXISTING 1PH DE (ENSURE FUSE IS 10K) TO REMAIN.
- S77 EXISTING 60-2 POLE. REPLACE UPPER 3PH DE W/ 3PH DE FG.

CONDUCTOR NOTES

- S67 - S75 REMOVE (2970') 4/0 ACSR-φ W/ 1/0 ACSR-N
- S75 - S76 REMOVE (2970') 4/0 ACSR-φ W/ 1/0 ACSR-N
- S72 - S77 INSTALL (1450') 336 ACSR-φ W/ 4/0 ACSR-N



1 POLES S74 - S77
Scale: 1"=100'

REV	DATE	REVISION DESCRIPTION	DESIGNER

VALLEY DR - BOURGAULT RD

S25 -S77 REBUILD

OVERHEAD S74 - S77

CURRENT REVISION: 0

WORK ORDER: 25005



S:\03 PROJECTS\0 FEMA PROJECT MANAGEMENT\2025\25005 - S25 to S77\1 DESIGN\AUTOCAD\25005 Overhead.dwg, Jeremiah Vaughn, 7/3/2025 12:22 PM