PROJECT ID: 1560-31-71

WITH:

COUNTY: WASHBURN

ORDER OF SHEETS

Section No. 1	Title
Section No. 2	Typical Sections and Details
Section No. 3	Estimate of Quantities
Section No. 3	Miscellaneous Quantities
Section No. 4	Right of Way Plat
Section No. 5	Plan and Profile
Section No. 6	Standard Detail Drawings
Section No. 7	Sign Plates
~~Section No. 8~~	~~Structure Plans~~
Section No. 9	Computer Earthwork Data
Section No. 9	Cross Sections

TOTAL SHEETS = ---

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

PLAN OF PROPOSED IMPROVEMENT

CUMBERLAND - SPOONER

WOODYARD RD TO CTH B EAST JUNCTION

USH 63

WASHBURN COUNTY

STATE PROJECT	FEDERAL PROJECT	
	PROJECT	CONTRACT
1560-31-71	----------	---
	----------	---
----------	----------	---
----------	----------	---

PROJECT LOCATION

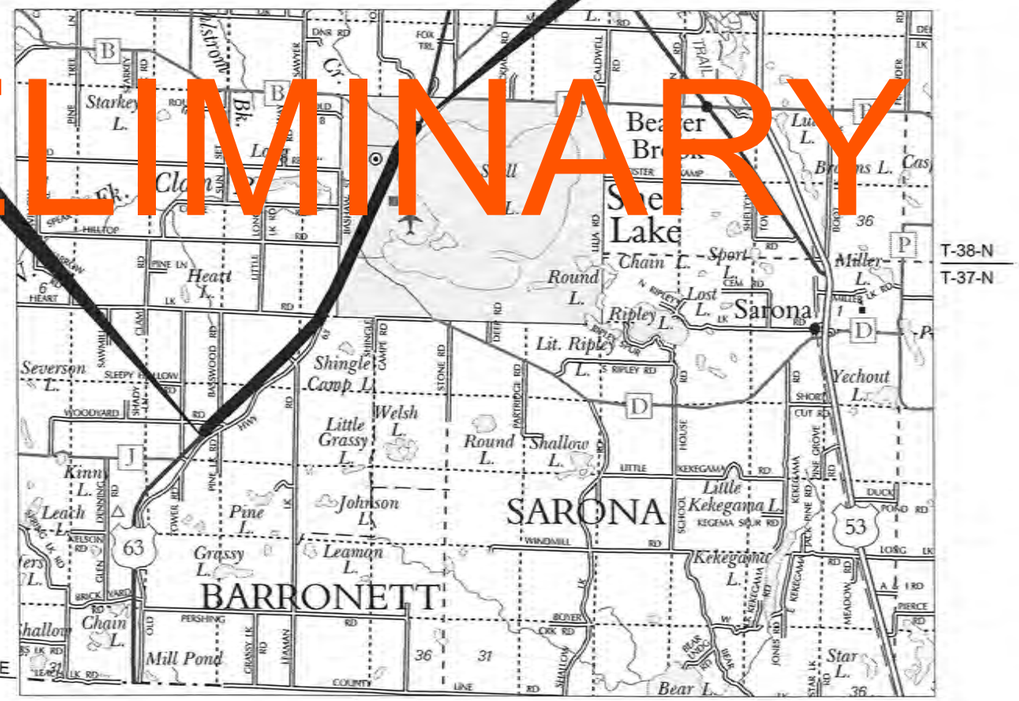
N

STATE PROJECT NUMBER
1560-31-71

BEGIN PROJECT
STA. [illegible]+[illegible].00
= 719,62[illegible].04
= 518,8[illegible].64

END PROJECT
STA. 883+62.84

PRELIMINARY



COUNTY LINE

LAYOUT
SCALE 0 2 MI.

TOTAL NET LENGTH OF CENTERLINE = 4.898 MI.

"COORDINATES ON THIS PLAN ARE REFERENCED TO THE WISCONSIN COUNTY COORDINATE SYSTEM (WCCS), 'WASHBURN' COUNTY."

DESIGN DESIGNATION

	(WOODYARD RD. - CTH D)	(CTH D - W. LAKE DR.)	(W.LAKE DR. - CTH EA
A.A.D.T. (2014)	= 3700	= 4300	= 6400
A.A.D.T. (2034)	= 4500	= 5500	= 7400
D.H.V. (2034)(K30)	= 630	= 770	= 1036
D.D.	= 63/37 %	= 63/37 %	= 63/37 %
T. (DHV)	= 5.4	= 5.4	= 5.4
DESIGN SPEED	= 60 MPH	= 50 MPH	= 40 MPH
ESALS (WEIGHTED AVE.)	= 795700	= 795700	= 795700

CONVENTIONAL SYMBOLS

PLAN
- CORPORATE LIMITS
- PROPERTY LINE
- LOT LINE
- LIMITED HIGHWAY EASEMENT
- EXISTING RIGHT OF WAY
- PROPOSED OR NEW R/W LINE
- SLOPE INTERCEPT
- REFERENCE LINE
- EXISTING CULVERT
- PROPOSED CULVERT (Box or Pipe)
- COMBUSTIBLE FLUIDS (CAUTION)
- MARSH AREA
- WOODED OR SHRUB AREA

PROFILE
- GRADE LINE
- ORIGINAL GROUND
- MARSH OR ROCK PROFILE (To be noted as such) (ROCK)
- SPECIAL DITCH (LABEL)
- GRADE ELEVATION (95.36)
- CULVERT (Profile View)

UTILITIES
- ELECTRIC — E
- FIBER OPTIC — FO
- GAS — G
- SANITARY SEWER — SAN
- STORM SEWER — SS
- TELEPHONE — T
- WATER — W
- UTILITY PEDESTAL
- POWER POLE
- TELEPHONE POLE

ORIGINAL PLANS PREPARED BY

N.W.B.E. NORTHERN WISCONSIN-BASED ENGINEERS, INC.

WISCONSIN HEATHER J. HARRINGTON E-27178 HAYWARD WIS. PROFESSIONAL ENGINEER

DATE: 7/31/14

ACCEPTED FOR

CITY of SHELL LAKE

(Andrew Eiche - Administrator) (Date) 7/31/14

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

PREPARED BY

Surveyor	WISDOT/NWBE
Designer	NWBE
Project Manager	PHIL KEPPERS
Regional Examiner	DAN OJIBWAY
Regional Supervisor	DAVE OSTROWSKI
C.O. Examiner	

APPROVED FOR THE DEPARTMENT

DATE: 7/31/2014 Phillip L Keppers (Signature)

E

FILE NAME : \\NWBESERVER\DRAWINGS\NWBE_PROJECTS\DESIGN\1101_SHELL_LAKE_SS\C3D_12\010101_TI.DWG

PLOT DATE : 9/9/2008 8:17 AM PLOT BY : USER PLOT NAME : ----------

WISDOT/CADDS SHEET 13

GENERAL NOTES

THE LOCATIONS OF EXISTING AND PROPOSED UTILITY FACILITIES AS SHOWN ON THE PLAN ARE APPROXIMATE. THERE MAY BE OTHER UTILITY FACILITIES WITHIN THE PROJECT AREA THAT ARE NOT SHOWN. THE CONTRACTOR SHALL COORDINATE ACTIVITIES WITH A CALL TO DIGGERS HOTLINE AND/OR A DIRECT CALL TO THE UTILITIES THAT HAVE FACILITIES IN THE AREA. NOT ALL UTILITIES ARE MEMBERS OF DIGGERS HOTLINE.

NO TREES OR SHRUBS SHALL BE REMOVED WITHOUT THE APPROVAL OF THE ENGINEER.

CLEARING AND GRUBBING FROM STA. 625+00 - 833+00 SHALL BE TO 45' OR 5' BEYOND THE GRADING LIMITS. SAVE AND/OR TRIM OVERHANGING BRANCHES AS SHOWN ON THE PLANS.

THE LIMITS OF MARSH EXCAVATION AND MARSH DISPOSAL SHOWN ON THE CROSS SECTION SHEETS ARE APPROXIMATE. THE EXACT LIMITS SHALL BE DETERMINED BY THE ENGINEER IN THE FIELD. THE BACKFILL EXPANSION FACTOR USED FOR MARSH EXCAVATION IS 50%, BASED ON ITS ORIGINAL POSITION.

WHEN THE QUANTITY FOR BASE AGGREGATE DENSE AND HMA PAVEMENT ARE MEASURED FOR PAYMENT BY THE TON, THE DEPTH OR THICKNESS AS SHOWN ON THE PLAN IS APPROXIMATE AND THE ACTUAL THICKNESS WILL DEPEND UPON THE DISTRIBUTION OF THE MATERIAL AS DIRECTED BY THE ENGINEER IN THE FIELD.

EXCAVATION BELOW SUBGRADE (EBS) IS NOT USED TO BALANCE YARDAGE AND IS NOT SHOWN ON THE CROSS SECTIONS BUT IS MEASURED AND PAID FOR AS COMMON EXCAVATION.

CURB AND GUTTER RADII ARE SHOWN TO THE FLAG OF THE GUTTER.

CURVE DATA SHOWN ON THE PLAN IS "ARC DEFINITION".

ALL CONCRETE CULVERT JOINTS SHALL BE TIED.

THE EXACT LOCATION OF DRIVEWAYS WILL BE DETERMINED BY THE ENGINEER IN THE FIELD.

THE EXACT LOCATION OF THE EROSION CONTROL DEVICES SHALL BE DETERMINED IN THE FIELD.

DISTURBED AREAS WITHIN THE RIGHT-OF-WAY, EXCEPT THE AREAS W[illegible]HE FI[illegible] SHOULDER POINTS, ARE TO BE 4-INCH TOPSOILED, FERTILIZED, SEED[illegible] AND MU[illegible]HED OR EROSION MATTED AS SHOWN ON THE PLANS. FINISHED SEEDED SURF[illegible]E SHALL[illegible] 1-I[illegible]H BELOW THE TOP OF ADJACENT CONCRETE.

HMA PAVEMENT LONGITUDINAL CONSTRUCTION JOINTS SHALL NOT BE[illegible]LACED IN WHE[illegible] PATHS.

HMA PAVEMENT CENTERLINE JOINT SHALL NOT BE OFFSET IN THE LOWER LAYERS.

MAINTAIN ALL PRIVATE DRAINAGE CONNECTIONS. PRIVATE DRAINAGE CONNECTIONS TO PROPOSED STORM SEWER STRUCTURES SHALL BE INCIDENTAL TO THE STORM SEWER STRUCTURE

CONSTRUCT INSIDE EDGE OF ASPHALTIC TERRACE 1/4-INCH HIGHER THAN THE TOP OF CURB.

ALL STORM SEWER INVERTS, ELEVATIONS, PIPE LENGTHS AND GRADES ARE COMPUTED CENTER-TO-CENTER OF STRUCTURES.

ALL STORM SEWER MANHOLES ARE TO BE SUMPED 2.0' FROM THE INVERT OF THE LOWEST DISHCARGE PIPE.

ALIGNMENT ALPHA CODES

USH 63	---	PARKING ENTRANCE (STA. 855+50 LT)	'P5'
WOODYARD ROAD SOUTH	'WS'	PARKING ENTRANCE (STA. 857+20 RT)	'P2'
WOODYARD ROAD NORTH	'WN'	4TH AVENUE	'4A'
LEHMAN LAKE ROAD	'LL'	PARKING ENTRANCE (STA. 859+00 RT)	'P3'
HEART LAKE ROAD	'HL'	PARKING ENTRANCE (STA. 860+25 RT)	'P4'
OLD 63 CONNECTION	'OC'	5TH AVENUE	'5A'
HILLTOP ROAD	'HT'	ATV/SNOWMOBILE TRAIL NORTH	'T2'
CTH D	'D'	6TH AVENUE	'6A'
SCHOOL ENTRANCE	'SE'	PARKING ENTRANCE (STA. 865+80 RT)	'P6'
ATV/SNOWMOBILE TRAIL CENEX	'T3'	CTH B (WEST) DETENTION POND	'BD'
PEDERSON DRIVE	'PD'	DETENTION POND	'DP'
COMMERCIAL ENTRANCE (U-TURN BUILDING)	'C1'	PLAYGROUND DRIVE	'PG'
NORTH INDUSTRIAL DRIVE	'ID'	PETERSON COURT	'PC'
3RD STREET	'3S'	CTH B	'B'
SHARED-USE PATH	'SU'	COMMERCIAL ENTRANCE (FARLEY AUTO BODY)	'C2'
ATV/SNOWMOBILE TRAIL SOUTH	'T1'	COMMERCIAL ENTRANCE (MUSEUM OF WOOD)	'C3'
INDUSTRIAL BOULEVARD	'IB'	LIND AVENUE	'LA'
1ST AVENUE	'1A'	WATER 1	'W1'
WEST LAKE DRIVE	'WL'	SANITARY SEWER 1	'S1'
1ST STREET	'1S'	SANITARY SEWER 2	'S2'
PARKING ENTRANCE (STA. 853+50 RT)	'P1'	USH 63 STORM SEWER OUTFALL	'DP'
		CTH B STORM SEWER OUTFALL	'BD'

LIST OF STANDARD ABBREVIATIONS

ABUT.	ABUTMENT
AGG.	AGGREGATE
AH.	AHEAD
AADT	ANNUAL AVERAGE DAILY TRAFFIC
APPROX.	APPROXIMATE
A.E.W.	APRON END WALL
ASPH.	ASPHALTIC
BK.	BACK
BEG.	BEGIN
B.M.	BENCH MARK
C/L OR ℄	CENTER LINE
C.E.	COMMERCIAL ENTRANCE
CONC.	CONCRETE
CONSTR.	CONSTRUCTION
CO.	COUNTY
C.T.H.	COUNTY TRUNK HIGHWAY
X-SEC.	CROSS SECTION
CR.	CRUSHED
CULV.	CULVERT
C.P.	CULVERT PIPE
D.O.T.	DEPARTMENT OF TRANSPORTATION
D.H.V.	DESIGN HOUR VOLUME
DIA.	DIAMETER
DISCH. OR DIS.	DISCHARGE
E.	EAST
X	EAST GRID COORDINATE
EB	EASTBOUND
EA.	EACH
ELEC.	ELECTRIC
EL. OR ELEV.	ELEVATION
ESALS	EQUIVALENT SINGLE AXLE LOADS
E.B.S.	EXCAVATION BELOW SUBGRADE
EXIST.	EXISTING
FERT.	FERTILIZE
F.E.	FIELD ENTRANCE
FI[illegible]	[illegible]NISH
F[illegible] OR ℄	LOW[illegible]
H[illegible]RIZ.	[illegible]ORIZ[illegible]NT[illegible]
IN[illegible]	[illegible]LET
IN[illegible]	[illegible]TER[illegible]CTION
IN[illegible]	[illegible]VER
LT.	LEFT
L.H.F.	LEFT-HAND FORWARD
L.F.	LINEAR FOOT
L.S.	LUMP SUM
MAX.	MAXIMUM
MISC.	MISCELLANEOUS
N.	NORTH
Y	NORTH GRID COORDINATE
N.E.	NORTHEAST
N.W.	NORTHWEST
PAVT.	PAVEMENT
PC	POINT OF CURVATURE
PI	POINT OF INTERSECTION
PT	POINT OF TANGENCY
POT	POINT ON TANGENT
PE	PRIVATE ENTRANCE
PROJ.	PROJECT
R.	RANGE
REQD.	REQUIRED
R/L	REFERENCE LINE
RT.	RIGHT
R.H.F.	RIGHT-HAND FORWARD
R/W	RIGHT-OF-WAY
RD.	ROAD
SHLD.	SHOULDER
S.	SOUTH
SDD	STANDARD DETAIL DRAWINGS
STH	STATE TRUNK HIGHWAYS
STA.	STATION
STRUCT.	STRUCTURE
TEL	TELEPHONE
TEMP.	TEMPORARY
TEL.	TOWN
T.	TRUCKS (PERCENT OF)
TYP.	TYPICAL
UG	UNDERGROUND
VA[illegible]	[illegible]VARIABLE
V	[illegible]ELOCITY OR DESIGN [illegible]PEED
VC	[illegible]RTICAL [illegible]URVE
W.	[illegible]ST
WE	[illegible]STBOUND
[illegible]	WO[illegible]KING[illegible]AY
W	WO[illegible]K ZO[illegible]

PAVEMENT CORE LOG

CORE NO.	STATION	OFFSET	DEPTH
C-9	627+00	7.5' RT	4-3/4"
C-10	642+00	6.0' LT	4-3/8"
C-11	777+00	5.0' LT	4"
C-12	792+00	8.0' RT	5"
C-13	807+00	10.0' LT	5"
C-14	822+00	4.0' RT	4-5/8"
C-15	837+00	3.0' LT	4-1/8"
C-16	852+00	8.0' RT	7-3/8"
C-17	867+00	8.0' LT	9-1/8"

DIGGERS HOTLINE
Dial 811 or (800) 242-8511
www.DiggersHotline.com

DESIGN CONTACT

NORTHERN WISCONSIN-BASED ENGINEERS, INC.
ATTN: GARY COLBERT, PE
P.O. BOX 328
HAYWARD, WI 54843
PHONE (715) 634-4334

SANITARY SEWER AND WATER DESIGN
MSA PROFESSIONAL SERVICES, INC.
ATTN: TODD TRADER, PE
214 WEST 2ND STREET
MARSHFIED, WI 54449
PHONE: (715) 384-2133

CLOSURE GATE SYSTEM
SHORT ELLIOTT HENDRICKSON, INC.
ATTN: KEN TAILLON, PE
3535 Vadnais Center Drive
Paul, MN 55110-5196
PHONE: (651) 765-2980

STREET LIGHTING
MSA PROFESSIONAL SERVICES, INC.
MIKE LAUE, PE
201 CORPORATE DRIVE
BEAVER DAM, WI 53916
PHONE: (920) 887-4242

DESIGN CONTACT

WISCONSIN DEPARTMENT OF TRANSPORTATION
ATTN: PHIL KEPPERS - PROJECT MANAGER
NW REGION
1701 N. 4TH STREET
SUPERIOR, WI 54880
PHONE (715) 395-3027

WDNR CONTACT

WDNR - NORTHERN REGION
ATTN: SHAWN HASELEU
810 WEST MAPLE STREET
SPOONER, WI 54801
PHONE (715) 635-4228
EMAIL: SHAWN.HASELEU@WISCONSIN.GOV

CITY OF SHELL LAKE

CITY ADMINISTRATOR
MR. ANDY EICHE
501 1ST STREET
SHELL LAKE, WI 54871
PHONE: (715) 468-7679

TOWN OF BARRONETT

TOWN CHAIRPERSON
MR. JERRY CHARTRAW
PHONE: (715) 468-2904

UTILITIES

CITY OF SHELL LAKE
DEPARTMENT OF PUBLIC WORKS
ATTN: MITCH BROWN - DIRECTOR
501 1ST STREET
P.O. BOX 520
SHELL LAKE, WI 54871
PHONE: (715) 468-7679

BARRON ELECTRIC COOPERATIVE
ATTN: JEFF NELSON
1434 N. STH 25
P.O. BOX 40
BARRON, WI 54812
PHONE: (800) 322-1008
EMAIL: jnelson@barronelectric.com

CENTURYLINK
ATTN: REED LECHNIR
20 SOUTH WILSON AVE
RICE LAKE, WI 54868
PHONE: (715) 234-5526 OFFICE
(715) 418-0029 CELL

CHARTER COMMUNICATIONS
ATTN: TOM HAASE
2304 S MAIN STREET
RICE LAKE, WI 54868
PHONE: (715) 719-0564
(715) 370-1601 CELL
EMAIL: thomas.haase@chartercom.com

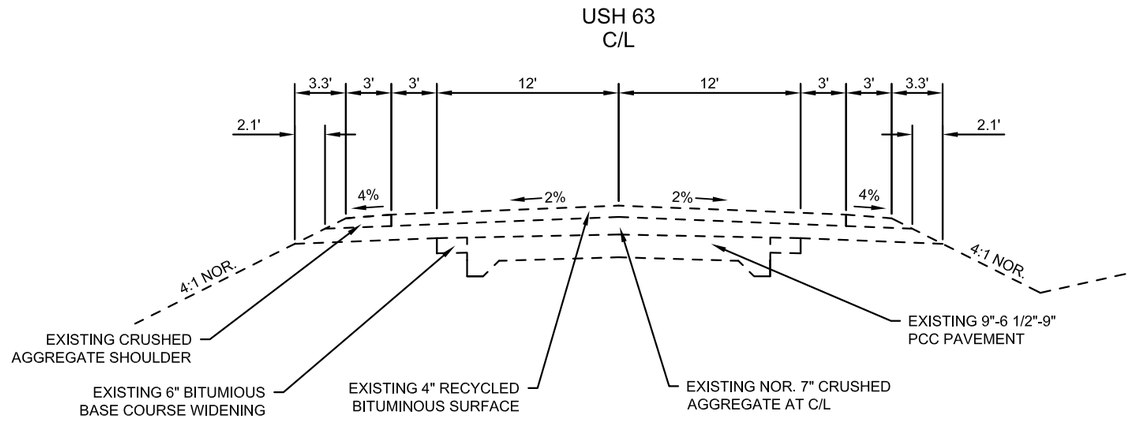
UTILITIES

XCEL ENERGY
ATTN: KEN DISHER
16048 ELECTRIC AVENUE
HAYWARD, WI 54843
PHONE: (715)-682-6923
EMAIL: kenneth.disher@excelenergy.com

WE ENERGIES
ATTN: LEWIS KNAPP
104 W. SOUTH STREET
RICE LAKE, WI 54868
PHONE: (715) 419-2196
GAS DISPATCH: (800) 261-5325

PRELIMINARY

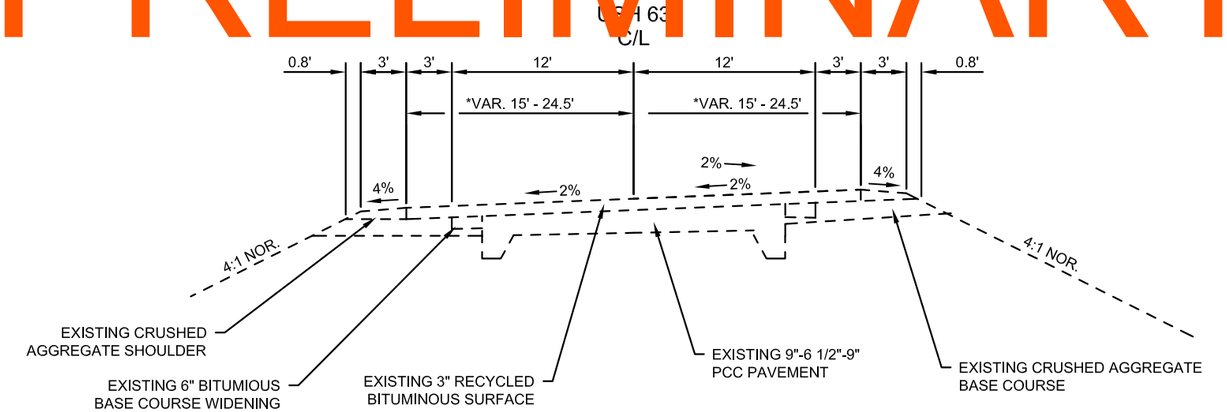
2



EXISTING TYPICAL SECTION

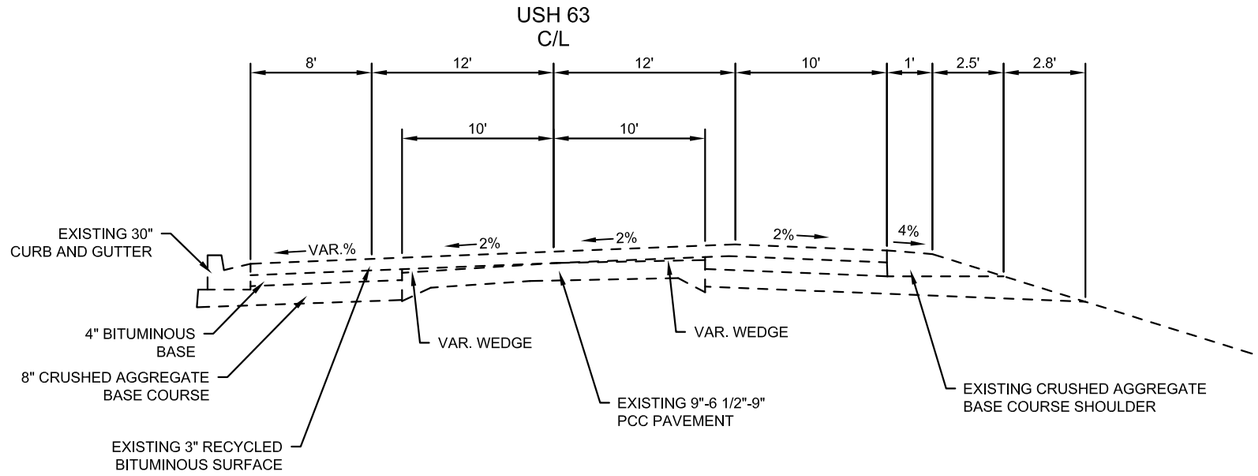
STA. 625+00 - 829+30

PRELIMINARY



EXISTING TYPICAL SECTION

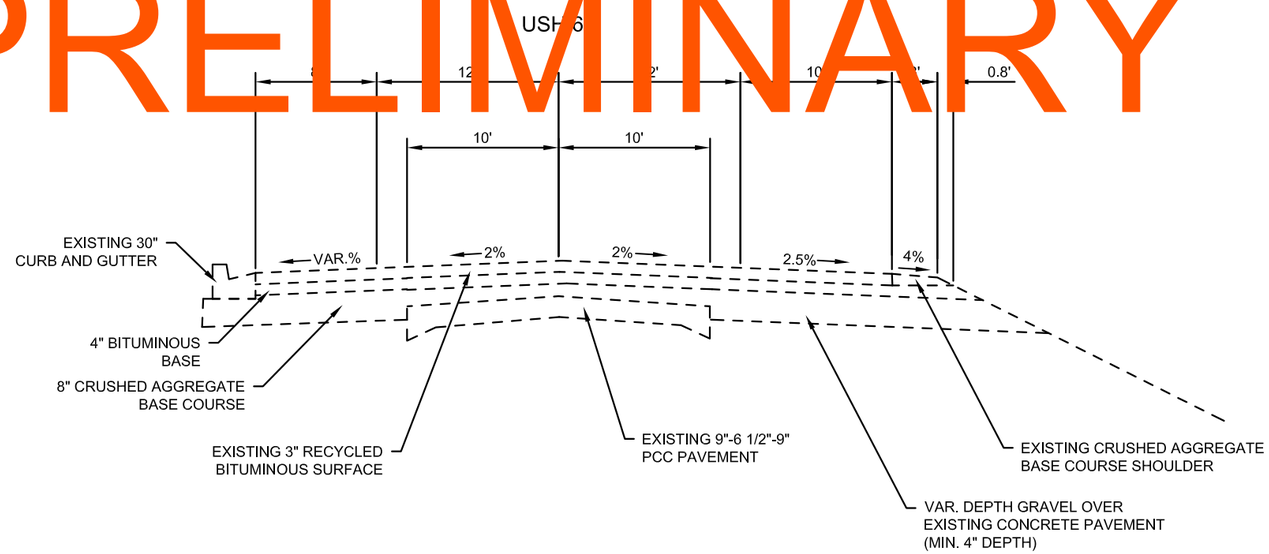
STA. 829+30 - 842+37
*STA. 842+37 - 845+70



EXISTING TYPICAL SUPERELEVATED SECTION

STA. 845+70 - 850+02

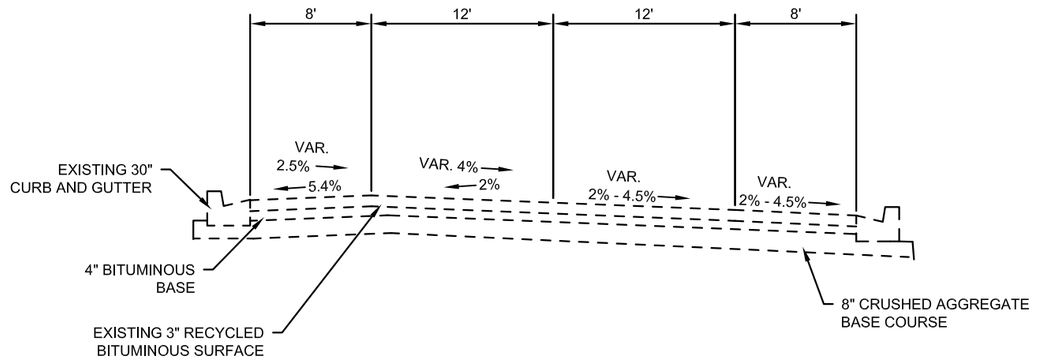
PRELIMINARY



EXISTING TYPICAL SECTION

STA. 850+02 - 855+60

USH 63

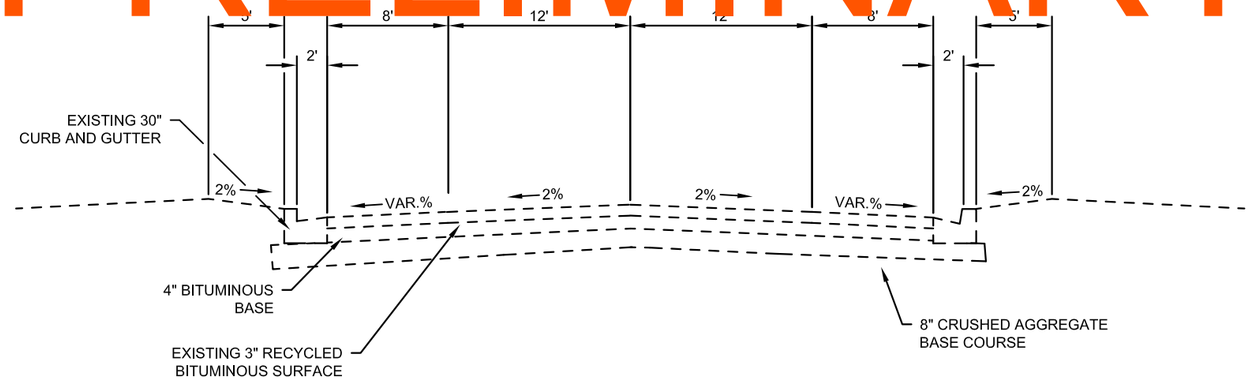


EXISTING SUPERELEVATED TYPICAL SECTION

STA. 855+60 - 862+00

PRELIMINARY

USH 63

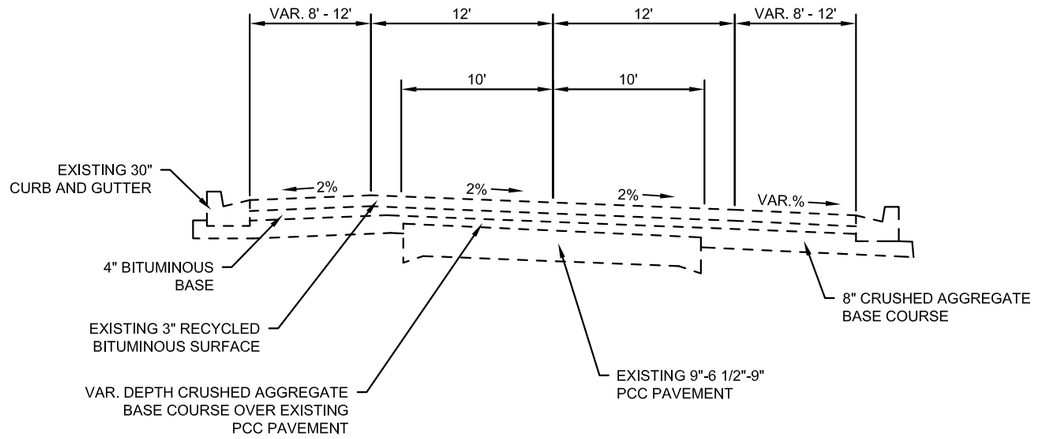


EXISTING TYPICAL SECTION

STA. 862+00 - 864+25

PROJECT NO: 1560-31-71	HWY: USH 63	COUNTY: WASHBURN	TYPICAL SECTIONS	SHEET /	E

USH 63

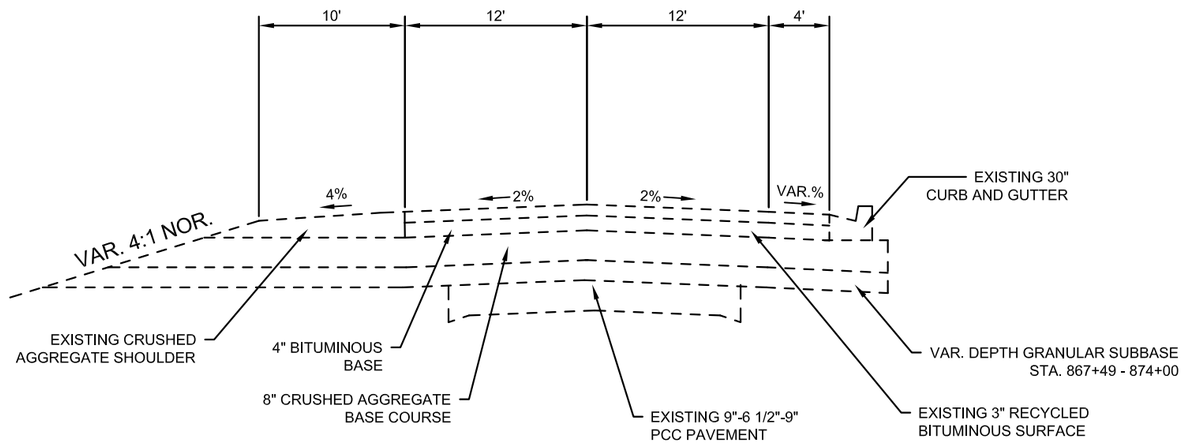


EXISTING TYPICAL SECTION

STA. 864+25 - 868+26

PRELIMINARY

USH 63



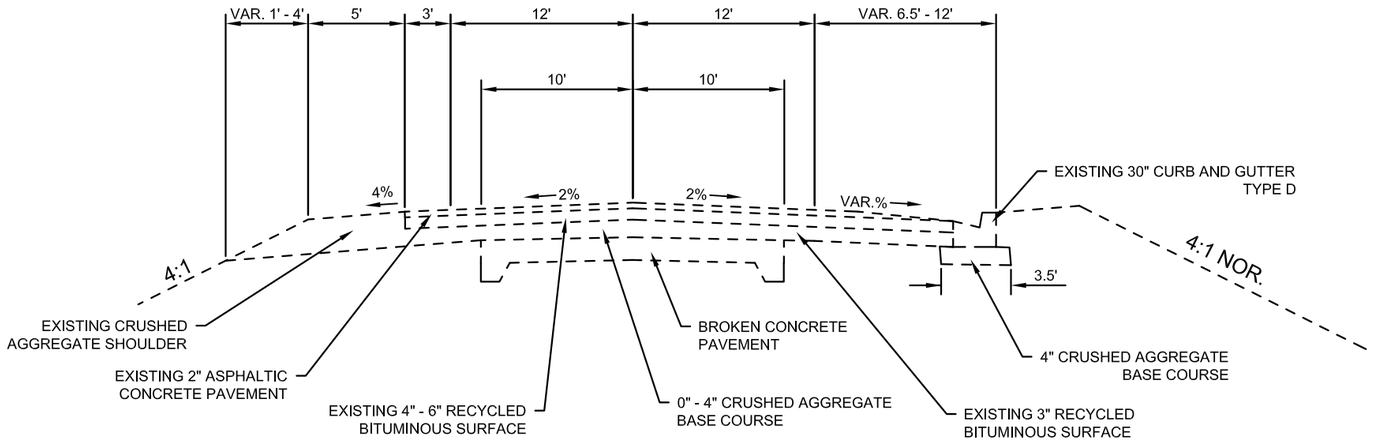
EXISTING TYPICAL SECTION

STA. 868+26 - 874+67

PROJECT NO: 1560-31-71	HWY: USH 63	COUNTY: WASHBURN	TYPICAL SECTIONS	SHEET /	E

PRELIMINARY

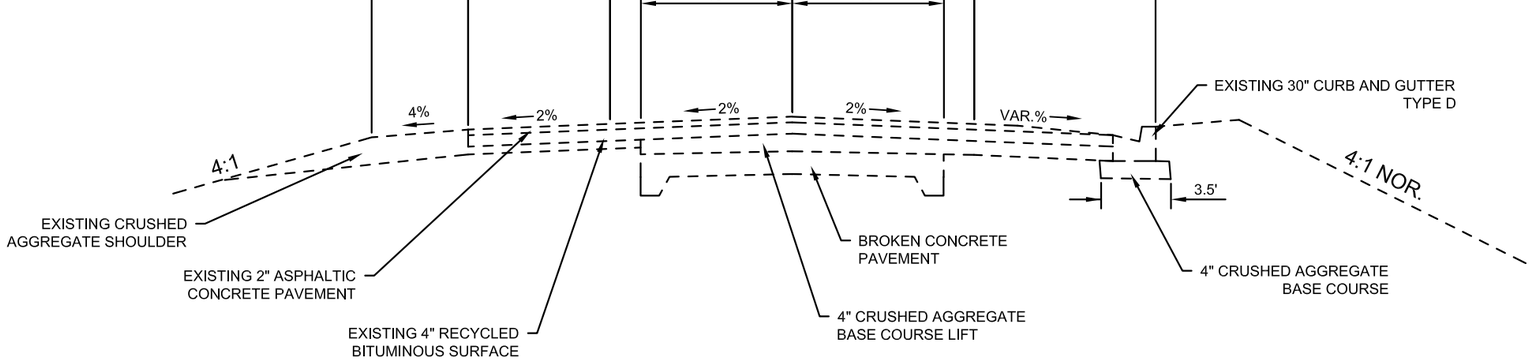
USH 63



EXISTING TYPICAL SECTION

STA. 874+67 - 879+21

USH 63



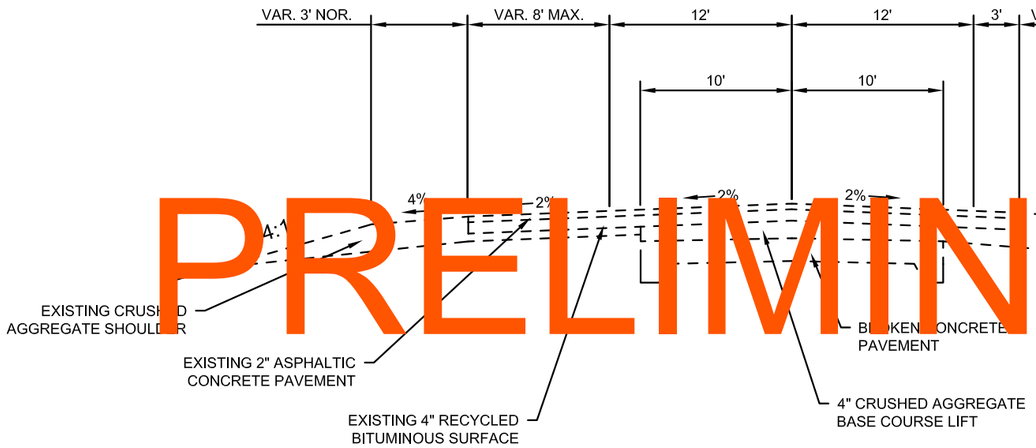
EXISTING TYPICAL SECTION

STA. 879+21 - 881+32

PROJECT NO: 1560-31-71	HWY: USH 63	COUNTY: WASHBURN	TYPICAL SECTIONS	SHEET /	E

PRELIMINARY

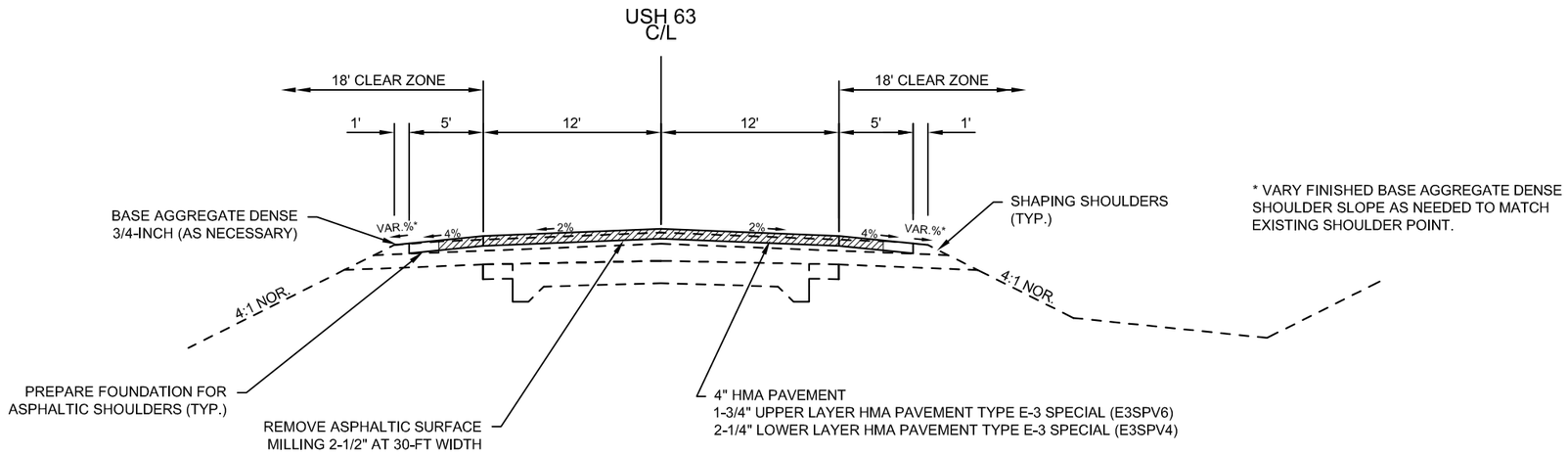
USH 63



EXISTING TYPICAL SECTION

STA. 881+32 - 883+62.84

PROJECT NO: 1560-31-71	HWY: USH 63	COUNTY: WASHBURN	TYPICAL SECTIONS	SHEET /	E



* VARY FINISHED BASE AGGREGATE DENSE SHOULDER SLOPE AS NEEDED TO MATCH EXISTING SHOULDER POINT.

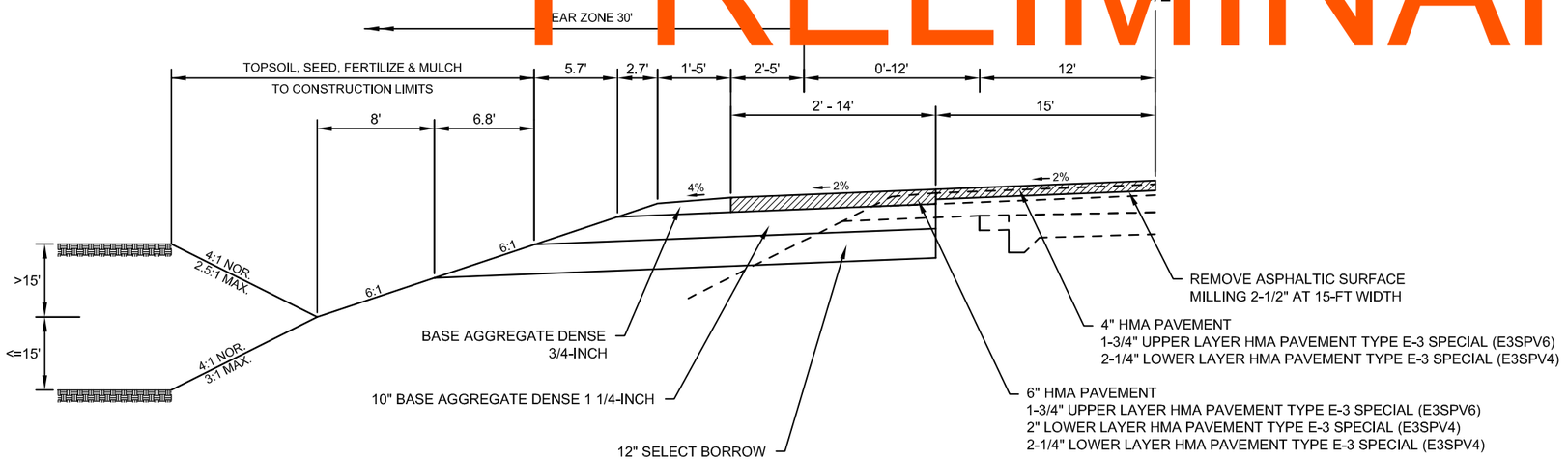
TYPICAL FINISHED SECTION

STA. 625+00.0 - 776+97.6 LT
STA. 820+74.1 - 832+40.0 LT
STA. 625+00.0 - 783+49.0 RT
STA. 816+68.2 - 832+40.0 RT

PRELIMINARY

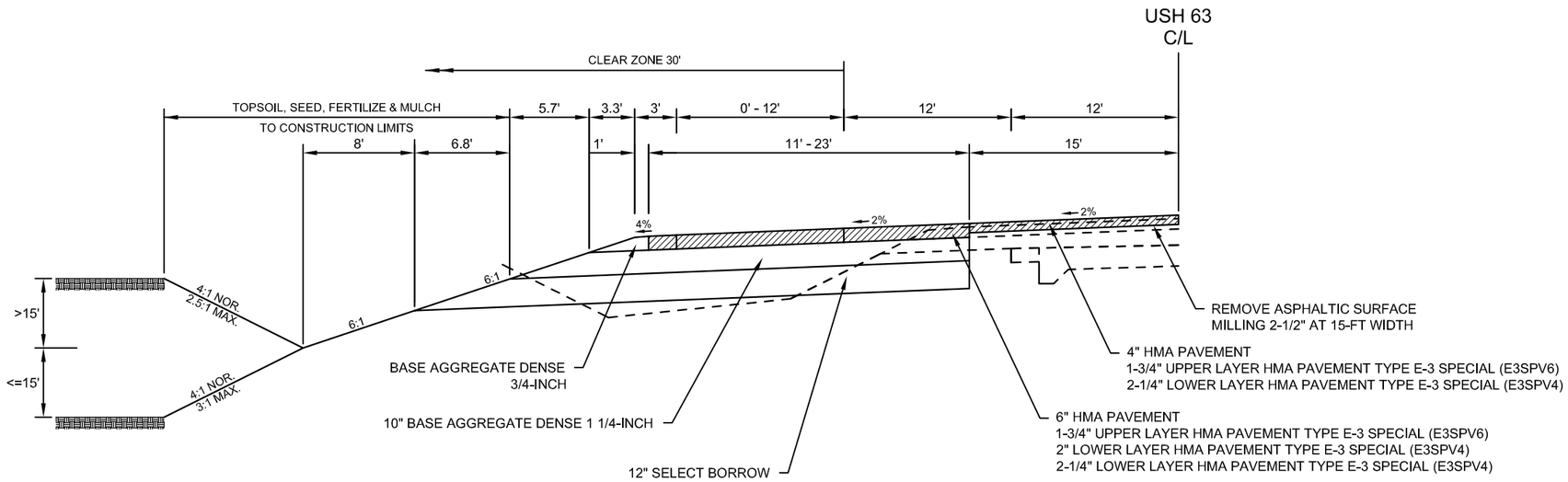
NOTE:

12.5 mm MIX UPPER LAYER
19.0 mm MIX LOWER LAYER



TYPICAL FINISHED HALF SECTION

STA. 776+97.6 - 787+16.8 LT
STA. 792+98.9 - 808+59.4 LT
STA. 812+79.1 - 820+74.1 LT



TYPICAL FINISHED HALF SECTION

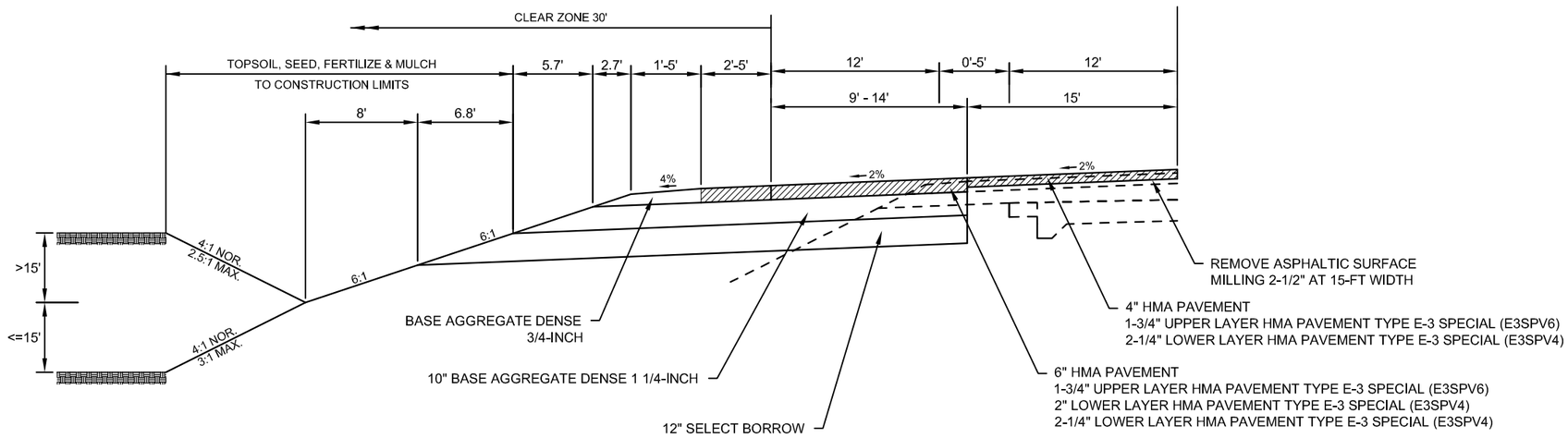
STA. 7+16 - 792+98.9

NOTE:

12.5 mm MIX UPPER LAYER

19.0 mm MIX LOWER LAYER

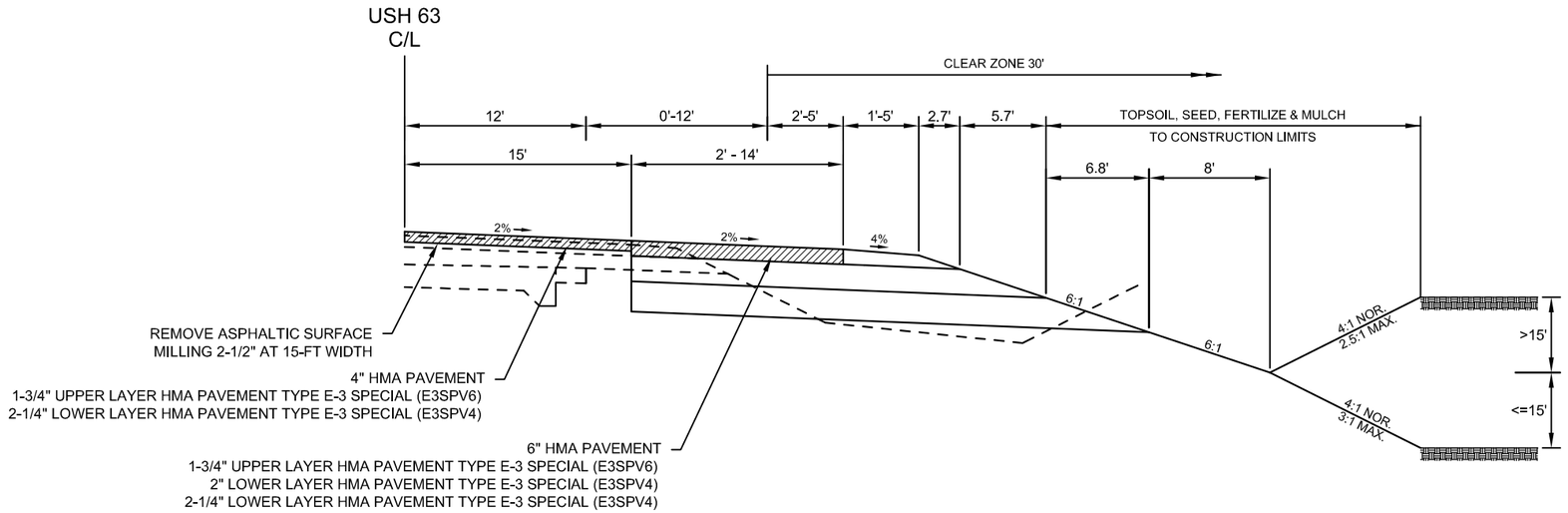
PRELIMINARY



TYPICAL FINISHED HALF SECTION

STA. 808+59.4 - 812+79.1 LT

PROJECT NO: 1560-31-71	HWY: USH 63	COUNTY: WASHBURN	TYPICAL SECTIONS	SHEET /	E



TYPICAL FINISHED HALF SECTION

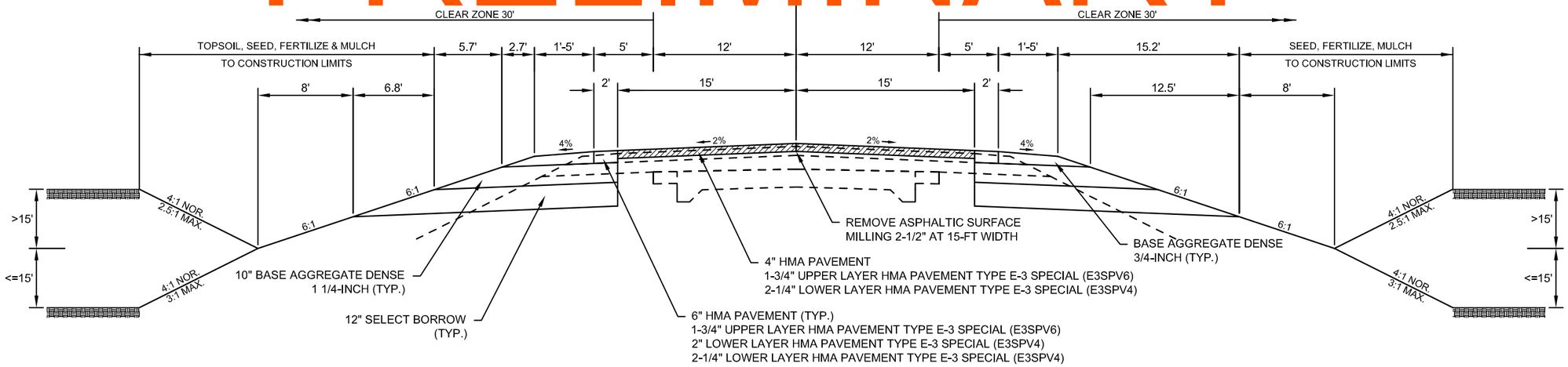
STA. 783+49.0 - 816+68.2

NOTE:

12.5 mm MIX UPPER LAYER

19.0 mm MIX LOWER LAYER

PRELIMINARY

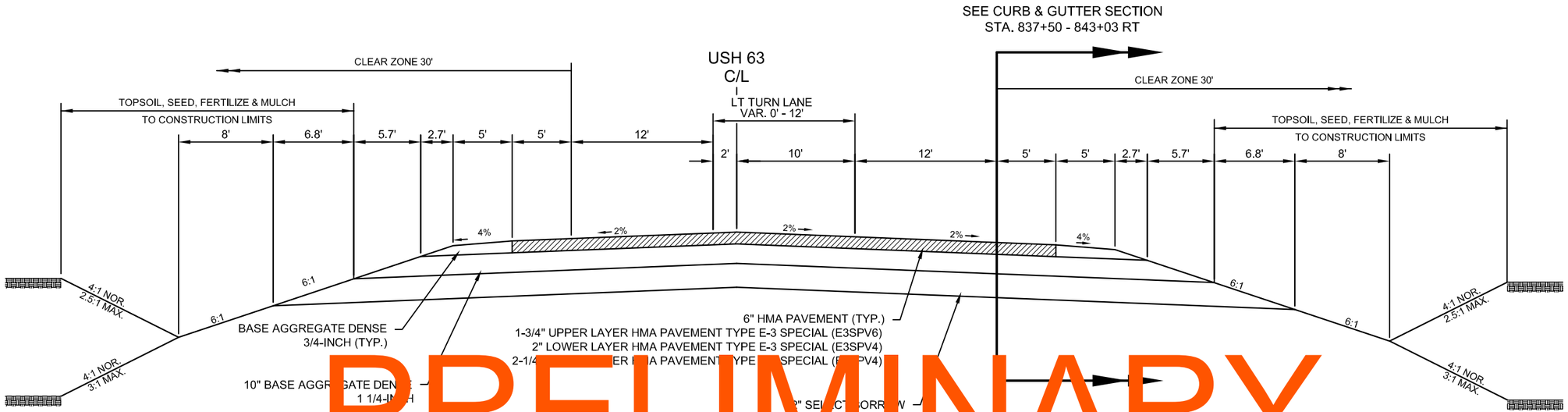


TYPICAL FINISHED SECTION

STA. 832+40.0 - 833+00.0

PROJECT NO: 1560-31-71	HWY: USH 63	COUNTY: WASHBURN	TYPICAL SECTIONS	SHEET /	E

PRELIMINARY



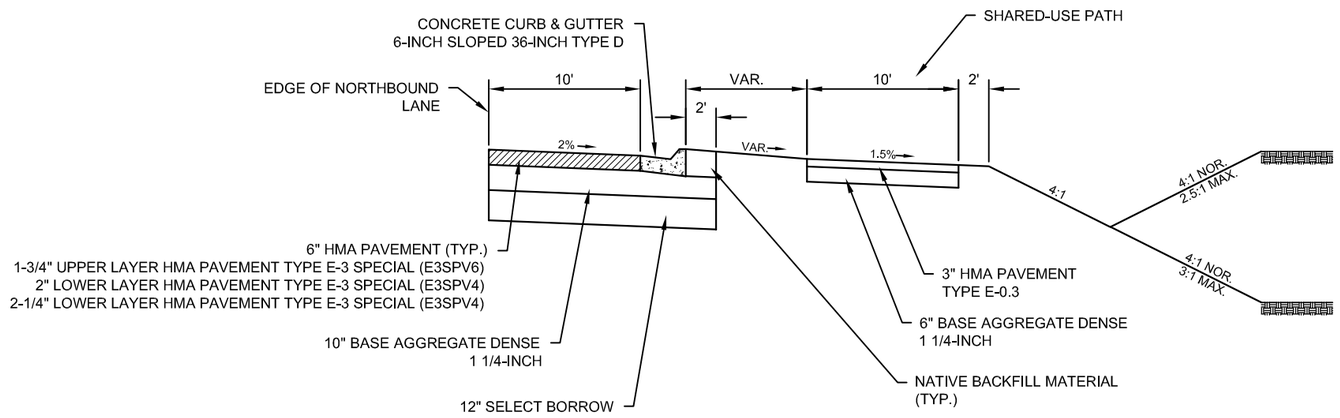
TYPICAL FINISHED SECTION

STA. 833+00 - 845+77

NOTE:

12.5 mm MIX UPPER LAYER

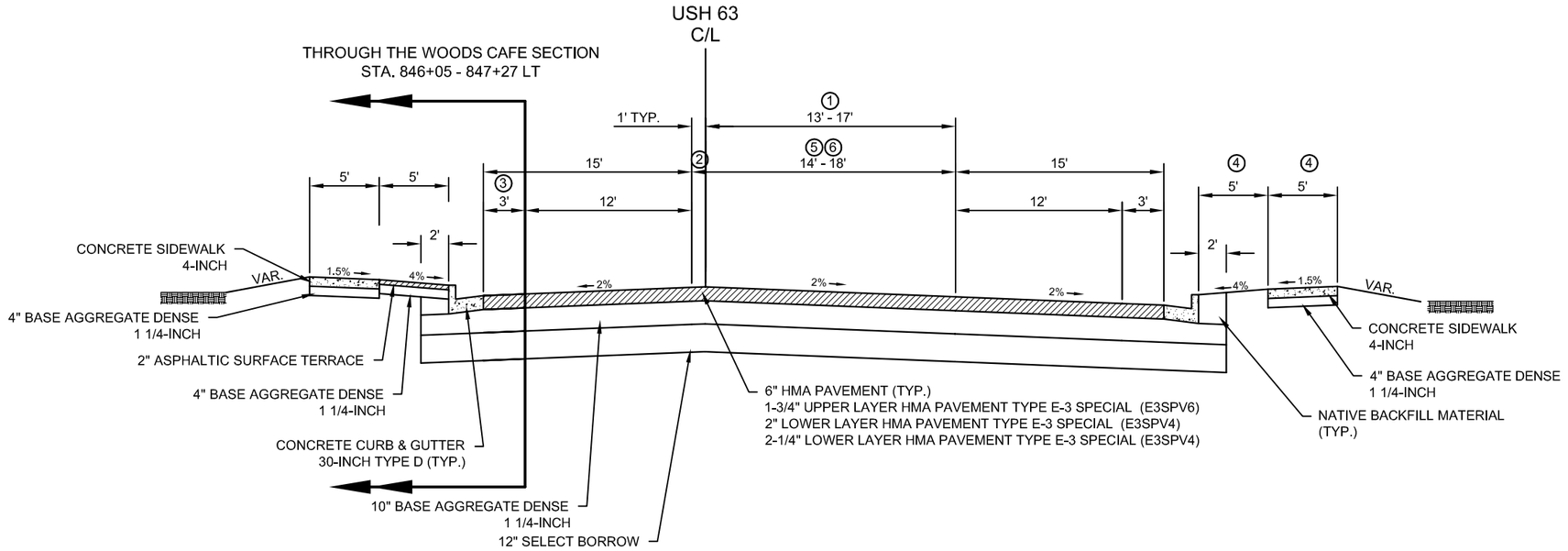
19.0 mm MIX LOWER LAYER



CURB & GUTTER SECTION

STA.837+50 - 843+03 RT

PROJECT NO: 1560-31-71	HWY: USH 63	COUNTY: WASHBURN	TYPICAL SECTIONS	SHEET /	E



NOTE:

12.5 mm MIX UPPER LAYER

19.0 mm MIX LOWER LAYER

TYPICAL FINISHED SECTION

STA. 845+80.5 - 866+25.0

PRELIMINARY

① STA. 845+80.5 - 846+76.5 10'-13' TAPER
STA. 846+76.5 - 855+50.0 13'
STA. 855+50.0 - 856+57.0 13'-17' TAPER
STA. 856+ - 857+00
STA. 857+ - 858+07 17'-13' TAPER
STA. 85 07 - 859+46 13'
STA. 8 +46.9 60+46 TAPER
STA. 63+59
STA. 63+59.8 - 4+66 17'- TAPER
STA. 64+66.8 - 8 +25 21'
STA. 865+25.0 - 866+25.0 21'18' TAPER

② STA. 845+80.5 - 846+76.5 2' LT-1' LT
STA. 863+59.8 - 864+66.8 1' LT-3' RT

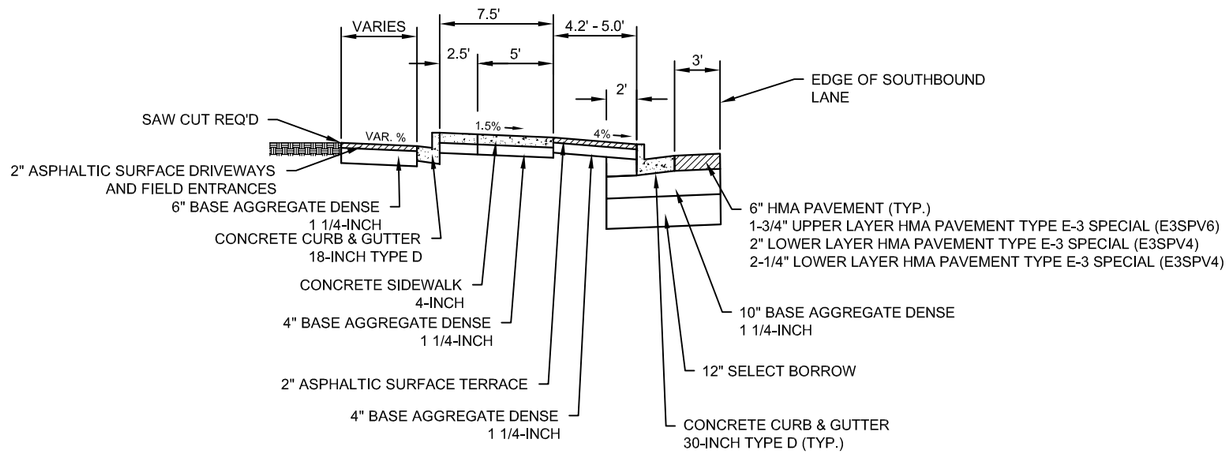
③ STA. 863+59.8 - 864+66.8 3'-9' TAPER

④ CONCRETE SIDEWALK 4-INCH LOCATION:
STA. 863+40 - 864+72 RT
ELSEWHERE GRADE BERM AS SHOWN ON THE CROSS-SECTIONS.

⑤ STA. 846+76.5 - 855+50.0 14' TWLTL
STA. 855+50.0 - 858+07.0 14'-18'
STA. 858+07.0 - 859+46.9 14' TWLTL
STA. 859+46.9 - 866+25.0 14'-18'

⑥ 10' LT TURN LANE AND 8' ISLAND (FLANGE TO FLANGE)
STA. 856+26.8 - 856+92.9 S. OF 4TH AVE.
STA. 860+15.9 - 860+77.6 S. OF 5TH AVE.
STA. 864+49.1 - 865+23.4 S. OF 6TH AVE.

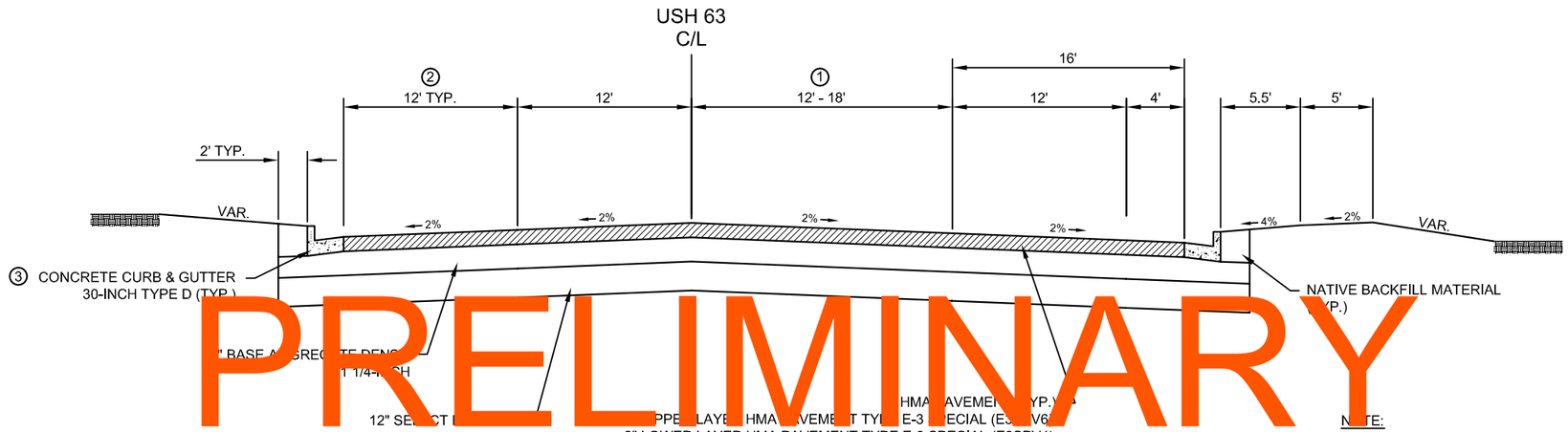
18' ISLAND (FLANGE TO FLANGE)
STA. 861+56.7 - 862+55.5 N. OF 5TH AVE.



THROUGH THE WOODS CAFE SECTION
STA. 846+05 - 847+27 LT

PROJECT NO: 1560-31-71	HWY: USH 63	COUNTY: WASHBURN	TYPICAL SECTIONS	SHEET /	E

PRELIMINARY



① 12' LEFT TURN LANE W/ 6' PAINTED MEDIAN:
STA. 866+16 - 867+13

② 12' RIGHT TURN LANE:
STA. 866+19 - 868+55

③ CONCRETE CURB AND GUTTER
30-INCH TYPE L
STA. 866+76 - 868+55 LT

TYPICAL FINISHED SECTION

STA. 865+77.82 - 868+55

NOTE:

12.5 mm MIX UPPER LAYER

19.0 mm MIX LOWER LAYER

PROJECT NO: 1560-31-71	HWY: USH 63	COUNTY: WASHBURN	TYPICAL SECTIONS	SHEET /	E

2

① MEDIAN TRANSITION TO 2-LANE ROADWAY:
STA. 868+55 - 871+68

② 4' - 12' WIDTH TAPER:
STA. 878+52 - 879+32

12' RIGHT TURN LANE
STA. 879+32 - 881+32

③ 14.5' - 10' WIDTH TAPER:
STA. 868+54.5 - 869+38.5

10' WIDTH (ALONG BEAMGUARD):
STA. 869+38.5 - 874+57.2

10' - 12' WIDTH TAPER
STA. 874+57.2 - 875+67.2

④ 4.0' TYP. VAR. WIDTH (ALONG BEAMGUARD):
STA. 868+54.5 - 875+94.7

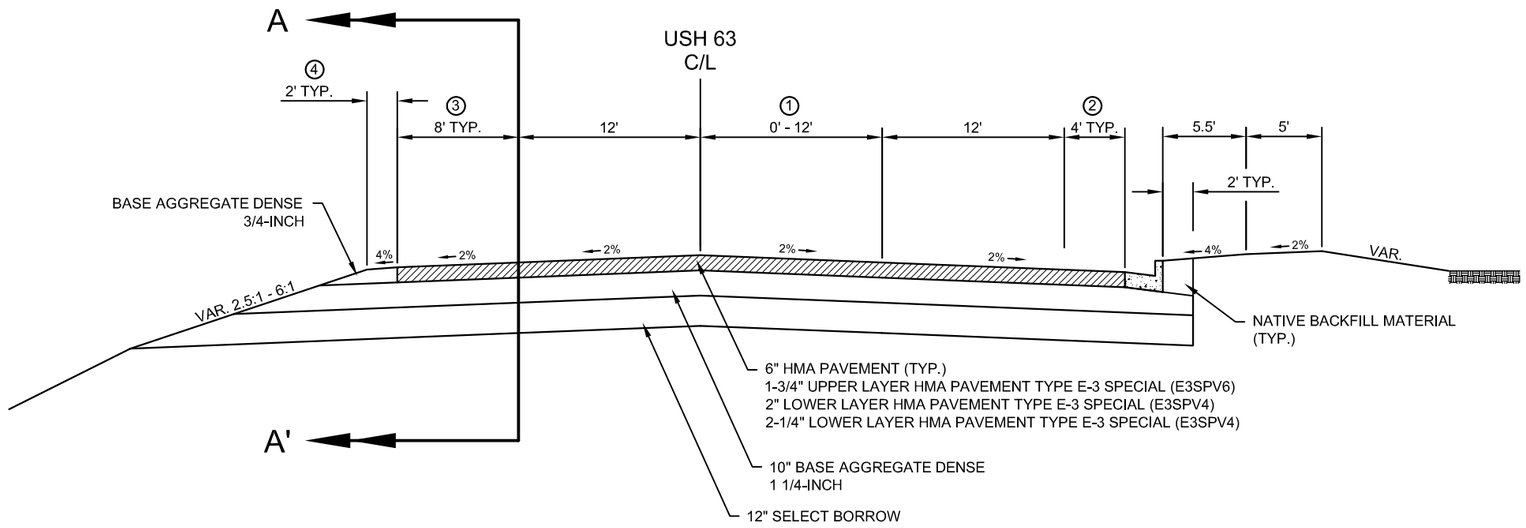
CONCRETE CURB & GUTTER 6-INCH SLOPED 36-INCH TYPE D:
STA. 875+94.7 - 877+20.0
STA. 879+11.2 - 880+54.1

4' WIDTH CURB & GUTTER ISLAND
STA. 877+20.0 - 879.11.2

NOTE:

12.5 mm MIX UPPER LAYER

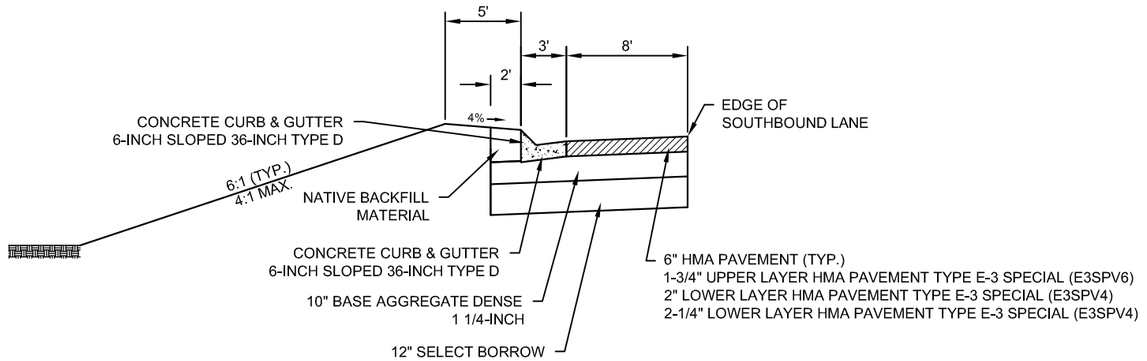
19.0 mm MIX LOWER LAYER



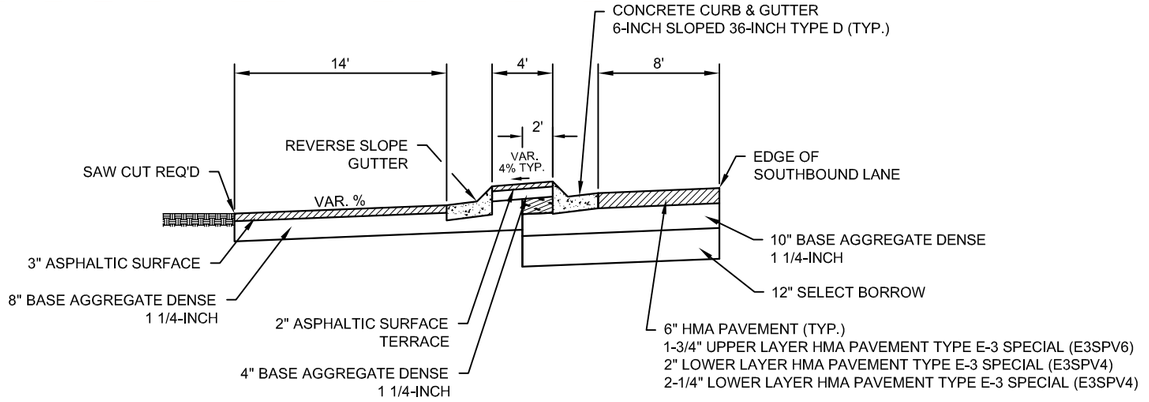
TYPICAL FINISHED SECTION

STA. 8[illegible]4.5 - 88[illegible]5

PRELIMINARY



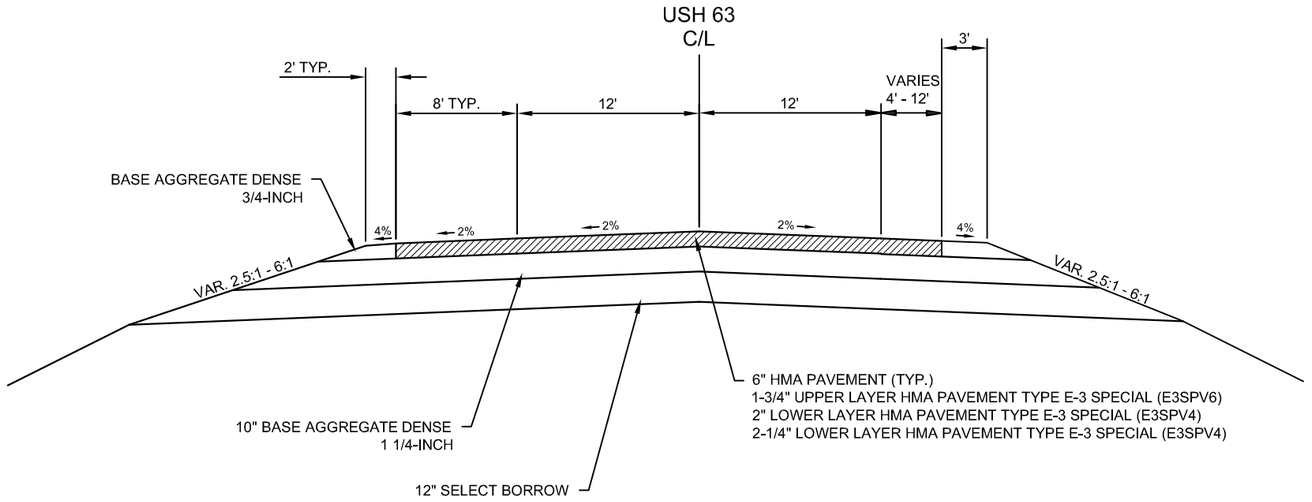
SECTION A- A'
STA. 875+94.7 - 877+20.0
STA. 879+11.2 - 880+54.1



SECTION A - A'
STA. 877+20.0 - 879+11.2

PROJECT NO: 1560-31-71	HWY: USH 63	COUNTY: WASHBURN	TYPICAL SECTIONS	SHEET /	E

PRELIMINARY



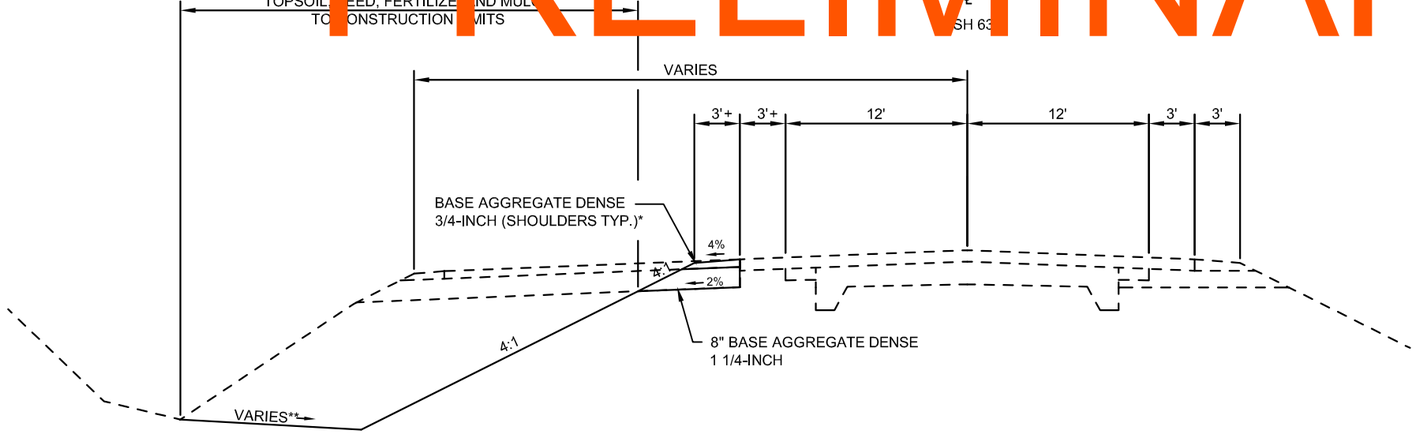
NOTE:

12.5 mm MIX UPPER LAYER

19.0 mm MIX LOWER LAYER

TYPICAL FINISHED SECTION

882+63.5 / 3+62



* 3" DEPTH AT EDGE OF EXISTING PAVEMENT.

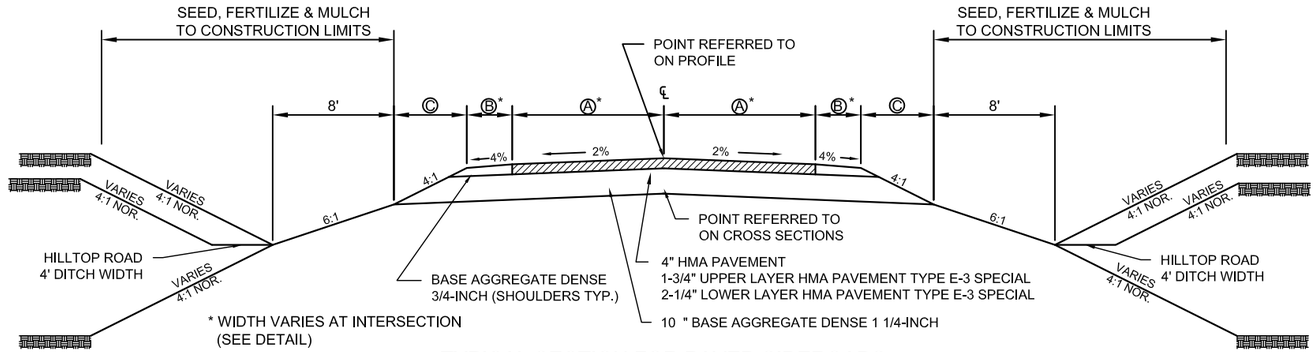
** SHAPE BACKSLOPE TO RESTORE DITCH TO EXISTING CONDITION PRIOR TO STAGE 1B TEMPORARY WIDENING.

+ VARIES STA. 883+62.8 - 884+37.84.

TYPICAL FINISHED SECTION
(REMOVE STAGE 1B WIDENING)

STA. 883+62.8 - 886+60 LT

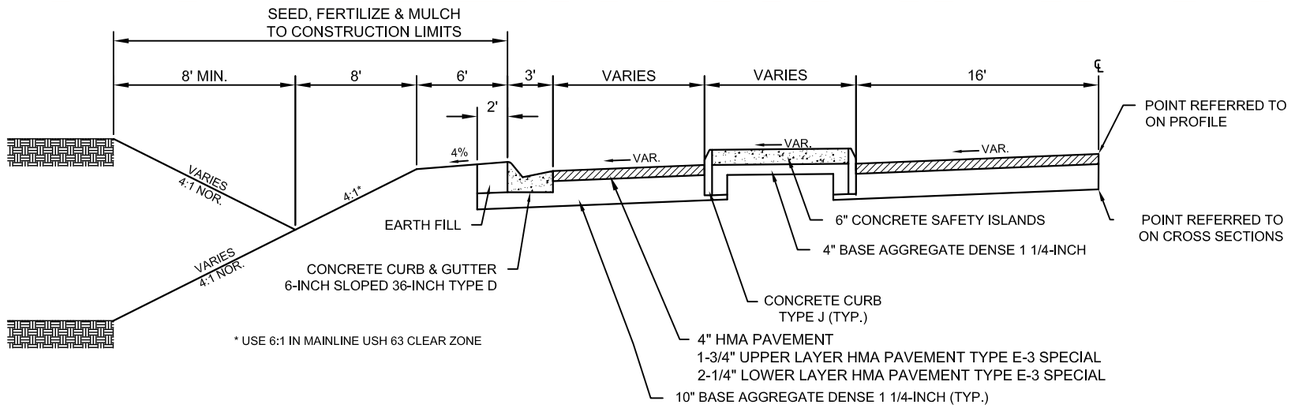
PROJECT NO: 1560-31-71	HWY: USH 63	COUNTY: WASHBURN	TYPICAL SECTIONS	SHEET /	E



TYPICAL SECTION FOR PAVED SIDEROADS

TYPICAL SIDE ROAD DIMENSIONS				
ROADWAY	STA. - STA.	A (FT)	B (FT)	C (FT)
HILLTOP RD	4+97.0 - 9+21.6 LT	11	4	4.7
HILLTOP RD	4+97.0 - 9+00.4 RT	11	4	4.7
CTH D	10+97.1 - 11+55.6 LT	15	4	4.7
CTH D	10+49.3 - 11+54.2 RT	11	4	4.7
CTH B	10+83.2 - 11+42.0 LT	11	3	4.7
CTH B	10+67.5 - 11+42.0 RT	10	3	4.7

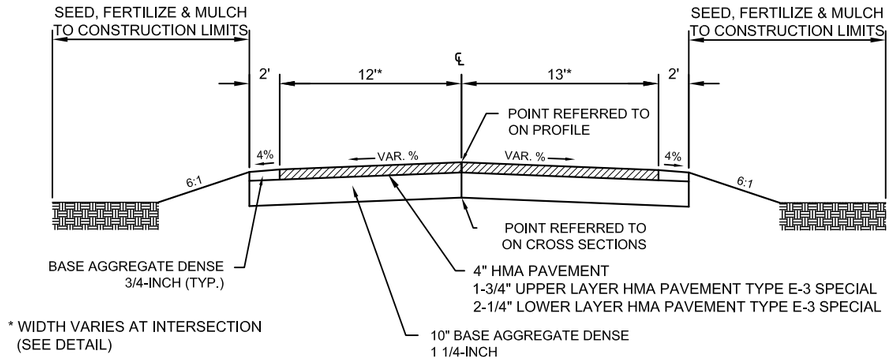
PRELIMINARY



TYPICAL CURB ISLAND HALF SECTION FOR PAVED SIDEROADS

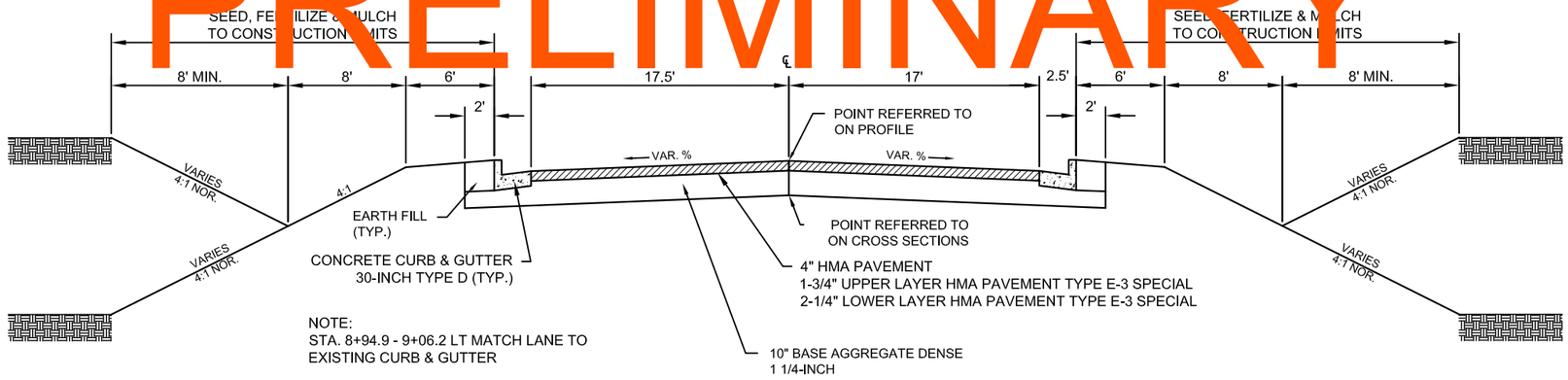
CTH D STA. 10+35.2 - 10+81.49 LT

PRELIMINARY



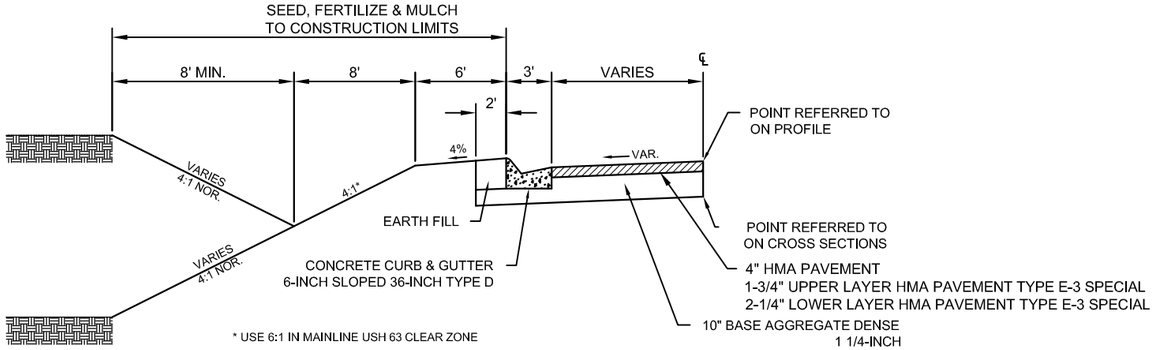
TYPICAL SCHOOL ENTRANCE FINISHED SECTION

SCHOOL ENTRANCE STA. 8+25.4 - 9+15.4 LT
SCHOOL ENTRANCE STA. 8+25.4 - 9+32.5 RT



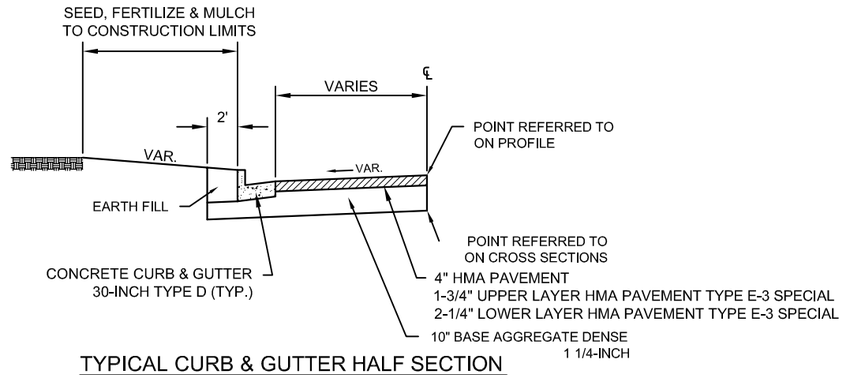
TYPICAL PEDERSON DRIVE FINISHED SECTION

PEDERSON DRIVE STA. 8+94.9 - 9+23.4 LT
PEDERSON DRIVE STA. 8+94.8 - 9.22.4 RT



TYPICAL CURB & GUTTER HALF SECTION FOR PAVED SIDEROADS

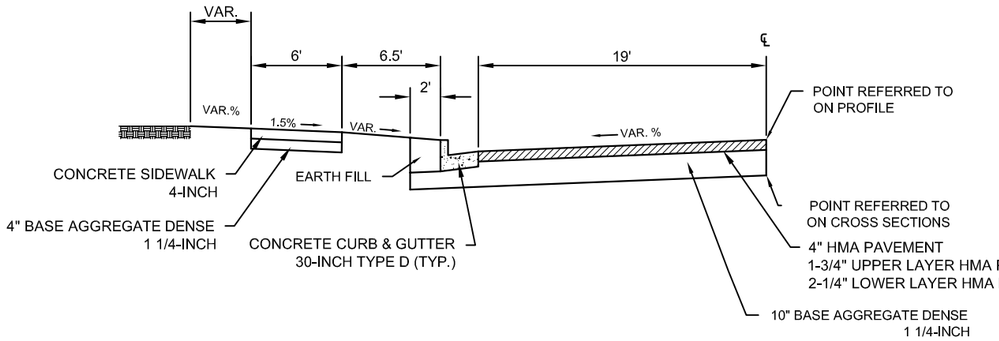
HILLTOP ROAD STA. 9+21.6 - 9+85.7 LT
HILLTOP ROAD STA. 9+00.4 - 9+32.4 RT
CTH D STA. 10+61.6 - 10+97.1 LT
CTH D STA. 10+02.9 - 10+49.3 RT
SCHOOL ENTRANCE STA. 9+15.4 - 9+75.3 LT
SCHOOL ENTRANCE STA. 9+32.5 - 9+72.5 RT
PEDERSON DRIVE STA. 9+23.4 - 9+91.3 LT
PEDERSON DRIVE STA. 9+22.4 - 9+60.2 RT
1ST AVENUE STA. 9+11.6 - 9+43.4 RT
WEST LAKE DRIVE STA. 10+33.4 - 11+[illegible]0 RT
CTH B STA. 10+50.6 - 10+83.2 LT



TYPICAL CURB & GUTTER HALF SECTION FOR PAVED CITY STREETS

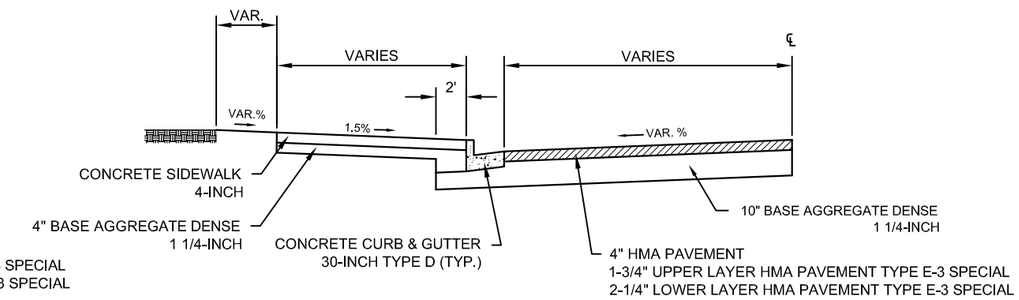
1ST AVENUE STA. 9+11.6 - 9+92.0 LT
WEST LAKE DRIVE STA. 10+34.0 - 11+28.0 LT
1ST STREET STA. 9+48.5 - 9+85.9 LT
1ST STREET STA. 9+48.5 - 9+72.3 RT
PARKING ENTRANCE 1 STA. 10+28.0 - 10+60.0 LT & RT
PARKING ENTRANCE 5 STA. 9+60.0 - 9+84.0 LT & RT
PARKING ENTRANCE 2 STA. 10+31.8- 10+65.0LT
PARKING ENTRANCE 2 STA. 10+31.8- 10+65.0 RT
PARKING ENTRANCE 3 STA. 10+28.0- 10+83.4 LT
PARKING ENTRANCE 3 STA. 10+28.0 - 10+69.2 RT
PARKING ENTRANCE 4 STA. 10+31.5 - 10+47.5 LT
PARKING ENTRANCE 4 STA. 10+31.5 - 10+79.1 RT
[illegible]NUE STA. 8+63.8 - 9[illegible]4.6 LT
CTH B [illegible]A. 10[illegible]2.4 - 10+[illegible].5 RT

PRELIMINARY



TYPICAL CURB & GUTTER HALF SECTION FOR PAVED CITY STREETS

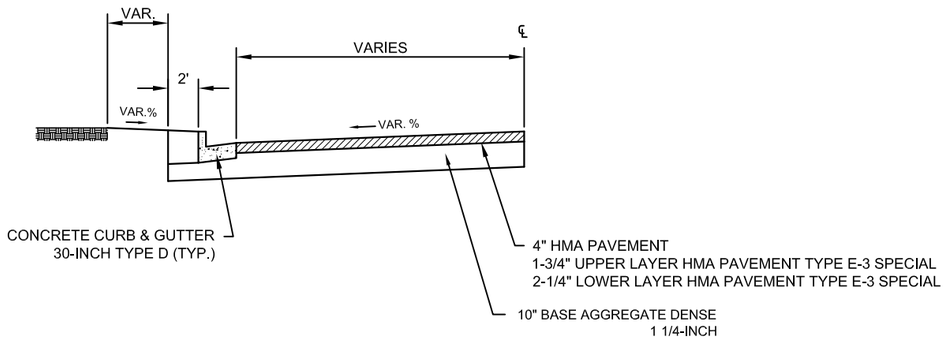
4TH AVENUE STA. 9+41.0 - 9+69.6 LT



TYPICAL CURB & GUTTER HALF SECTION FOR PAVED CITY STREETS

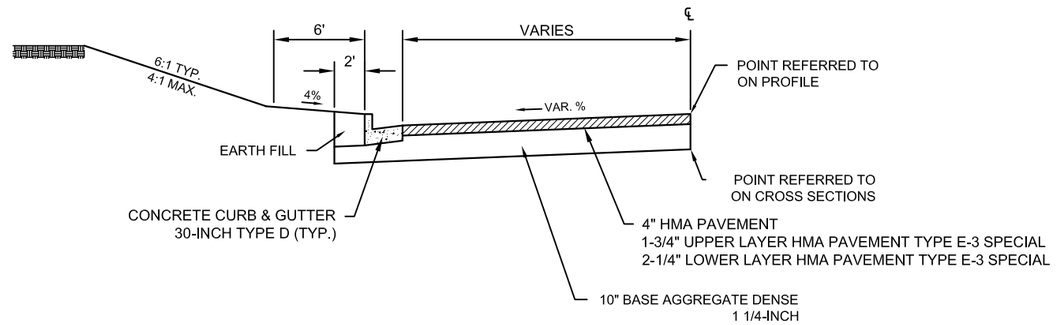
4TH AVENUE STA. 9+41.0 - 9+60.8 RT
5TH AVENUE STA. 9+58.3 - 10+00.0 LT
5TH AVENUE STA. 9+33.9 - 9+44.9 RT
6TH AVENUE STA. 8+63.8 - 9+20.6 RT

PRELIMINARY



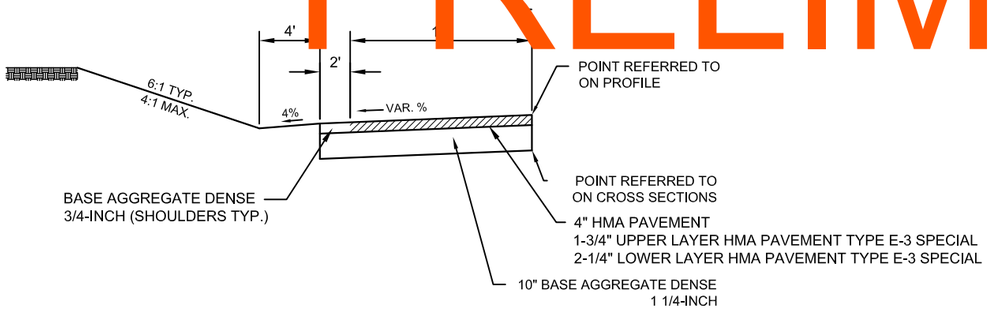
TYPICAL CURB & GUTTER HALF SECTION FOR PAVED CITY STREETS

6TH AVENUE STA. 8+63.8 - 10+00.0 LT



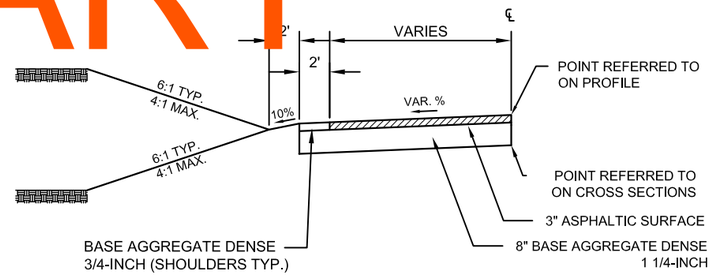
TYPICAL CURB & GUTTER HALF SECTION FOR PAVED CITY STREETS

PARKING ENTRANCE 6 STA. 10+34.1 - 10+64.1 LT & RT
PLAYGROUND DRIVE STA. 10+22.1 - 10+52.0 LT
PLAYGROUND DRIVE STA. 10+25.2 - 10+55.2 RT
PETERSON DRIVE STA. 10+16.0 - 10+46.0 LT & RT



TYPICAL CURB & GUTTER HALF SECTION FOR PAVED CITY STREETS

PARKING ENTRANCE 6 STA. 10+64.1 - 11+39.0 LT & RT
PLAYGROUND DRIVE STA. 10+52.0 - 11+47.0LT
PLAYGROUND DRIVE STA. 10+55.2 - 11+47.0 RT
PETERSON DRIVE STA. 10+46.0 - 11+08.0 LT & RT

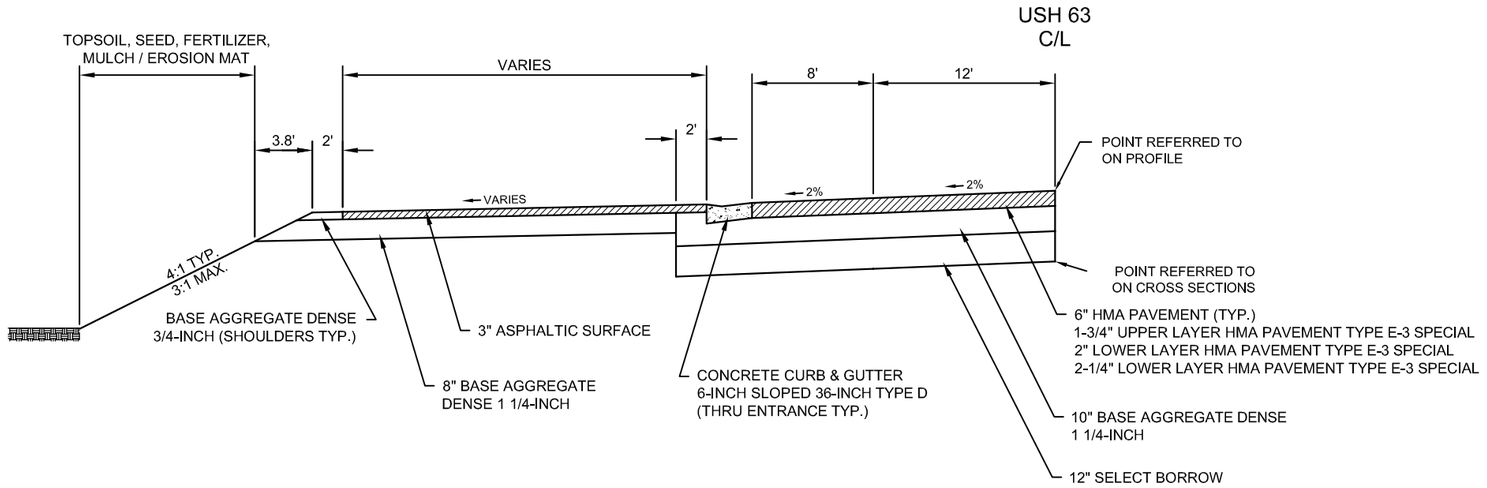


TYPICAL SECTION FOR C2

COMMERICIAL ENTRANCE C2 (FARLEY AUTO BODY)
STA. 8+38.0 - 9+91.0 LT
STA. 8+76.4 - 9+89.6 RT

PROJECT NO: 1560-31-71	HWY: USH 63	COUNTY: WASHBURN	TYPICAL SECTIONS	SHEET /	E

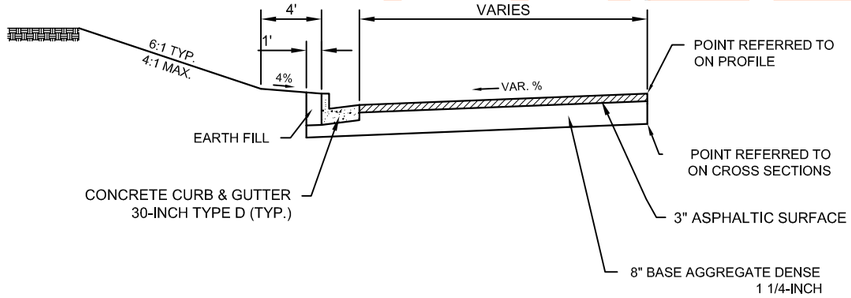
2



TYPICAL HALF SECTION AT SHELL LAKE MARINE ENTRANCE

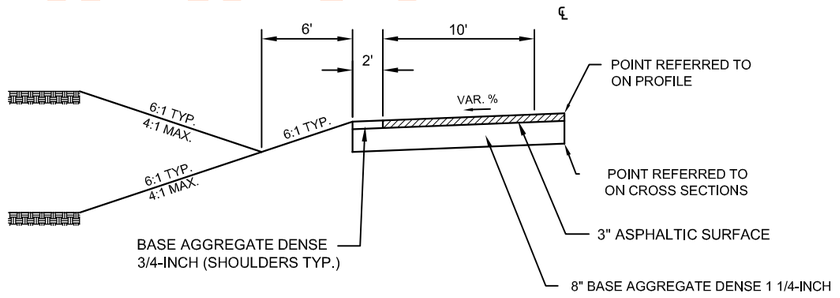
USH 63 STA. 876+57.9 - 877+20.0 LT
USH 63 STA. 879+11.2 - 879+60.2 LT

PRELIMINARY



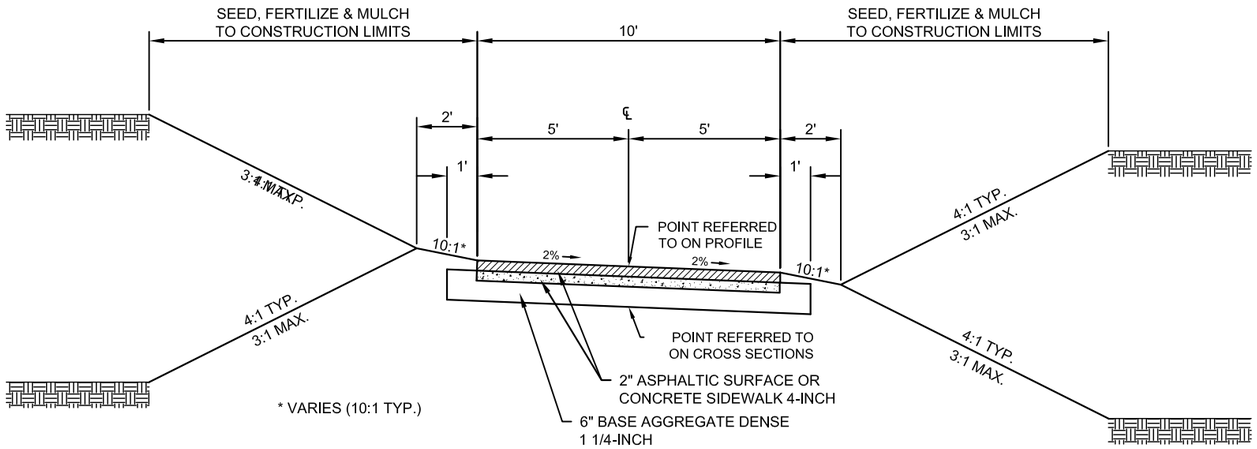
TYPICAL CURB & GUTTER HALF SECTION FOR COMMERCIAL ENTRANCES

COMMERCIAL ENTRANCE C1 (U-TURN BUILDING)
STA. 10+17.5 - 10+42.5 LT
STA. 10+16.7 - 10+41.7 RT



TYPICAL HALF SECTION FOR PAVED COMMERCIAL ENTRANCES

COMMERCIAL ENTRANCE C1 (U-TURN BUILDING)
STA. 10+42.5 - 11+83.9 LT
STA. 10+41.7 - 11+83.9 RT



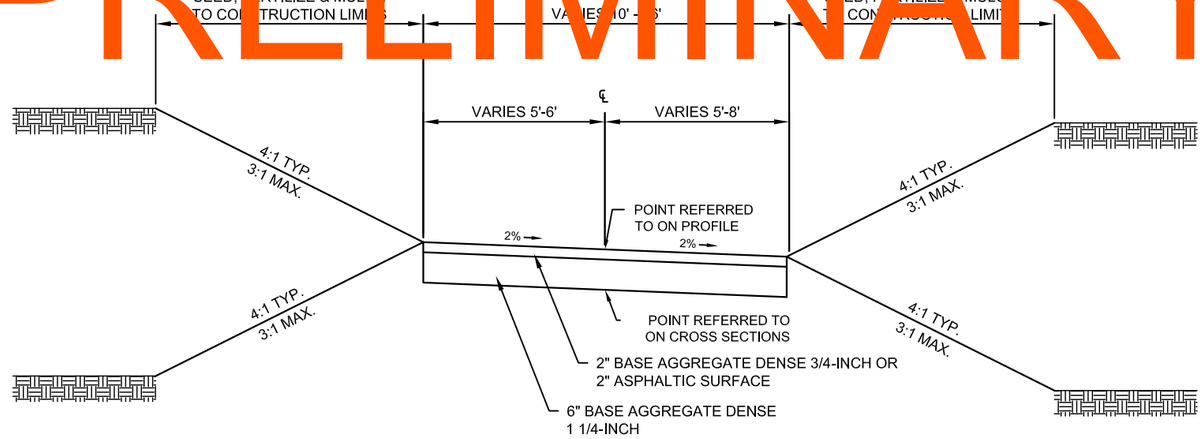
NOTE:

2" ASPHALTIC SURFACE EXCEPT CONCRETE SIDEWALK 4-INCH WITHIN 10' OF ROAD CROSSINGS OR AS SHOWN ON THE PLAN.

TYPICAL FINISHED SECTION FOR SHARED-USE PATH

STA. 10+11.0 - 24+75.6
STA. 25+05.6 - 32+62.6
STA. 32+87.3 - 36+27.3
STA. 36+51.5 - 40+00.0
STA. 40+20.7 - 41+98.7
STA. 42+13.0 - 48+72.2
STA. 48+96.2 - 53+45.0
STA. 53+69.6 - 58+78.8
STA. 59+04.6 - 61+58.9

PRELIMINARY



TYPICAL FINISHED SECTION FOR ATV / SNOWMOBILE PATH

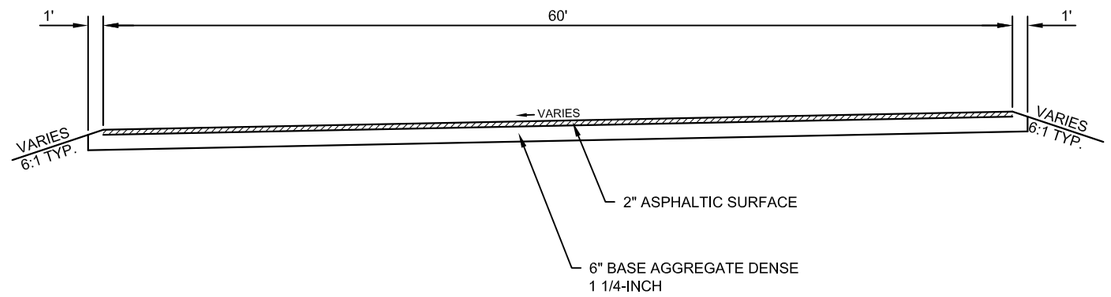
NOTE:

* 2" BASE AGGREGATE DENSE 3/4-INCH EXCEPT 2" ASPHALTIC SURFACE WITHIN 20' OF ROAD CROSSINGS.

** 2" ASPHALTIC SURFACE.

* TRAIL 1 STA. 10+11.0 - 11+03.0
* TRAIL 1 STA. 11+35.8 - 12+59.2
* TRAIL 1 STA. 24+38.3 - 25+96.9
** TRAIL 1 STA. 26+26.9 - 30+55.6
** TRAIL 1 STA. 30+65.6 - 30+99.6
** TRAIL 1 STA. 31+50.6 - 31+69.4

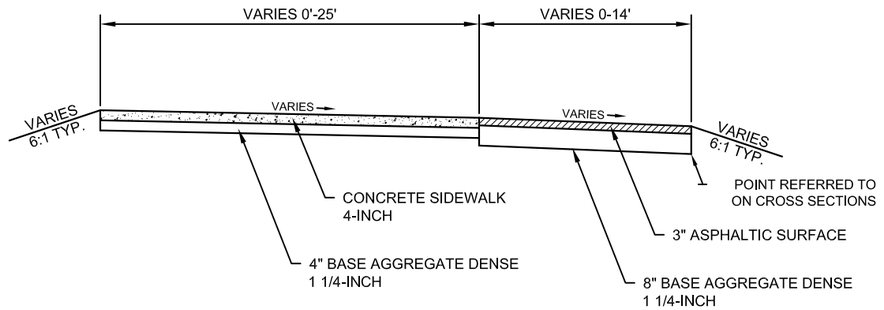
** TRAIL 2 STA. 10+64.1 - 10+88.6
* TRAIL 2 STA. 14+28.7 - 14+84.0
* TRAIL 2 STA. 16+59.5 - 16+99.5
* TRAIL 2 STA. 17+23.6 - 17+63.6
* TRAIL 2 STA. 19+82.4 - 21+72.5
* TRAIL 2 STA. 21+97.0 - 27+06.1
* TRAIL 2 STA. 27+30.2 - 27+64.7



TYPICAL FINISHED SECTION FOR PAVED
CITY PARKING LOT

STA. 863+54.2 - 869+70.6 RT
STA. 865+94.9 - 866+81.3 RT

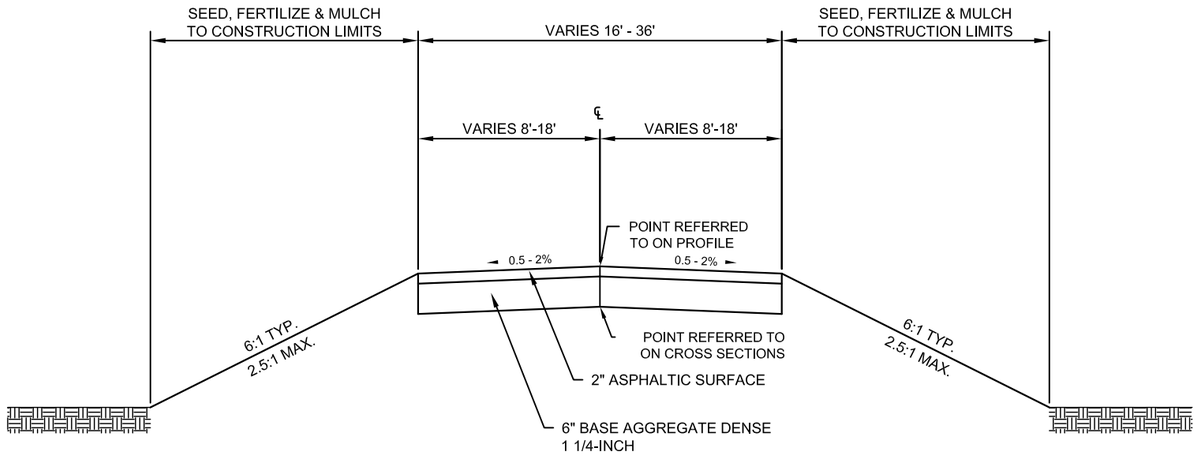
PRELIMINARY



TYPICAL FINISHED SECTION FOR PAVED
COMMERCIAL ENTRANCES

COMMERCIAL ENTRANCE (THROUGH THE WOODS CAFE')
STA. 845+83 - 846+23 LT

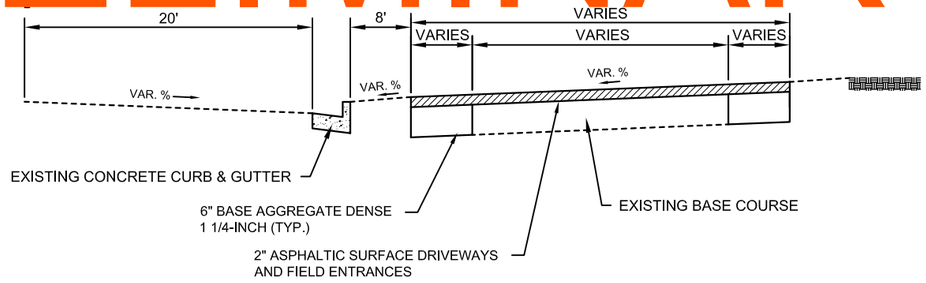
PROJECT NO: 1560-31-71	HWY: USH 63	COUNTY: WASHBURN	TYPICAL SECTIONS	SHEET /	E



TYPICAL FINISHED SECTION FOR ATV / SNOWMOBILE PATH 'T3'

TRAIL 3 STA. 10+17.0 - 11+10.0

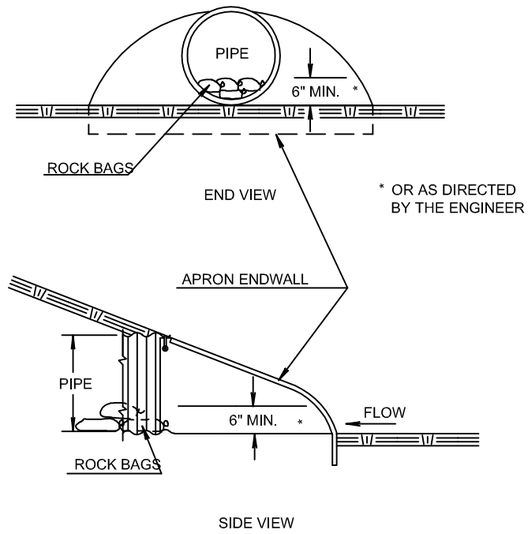
PRELIMINARY



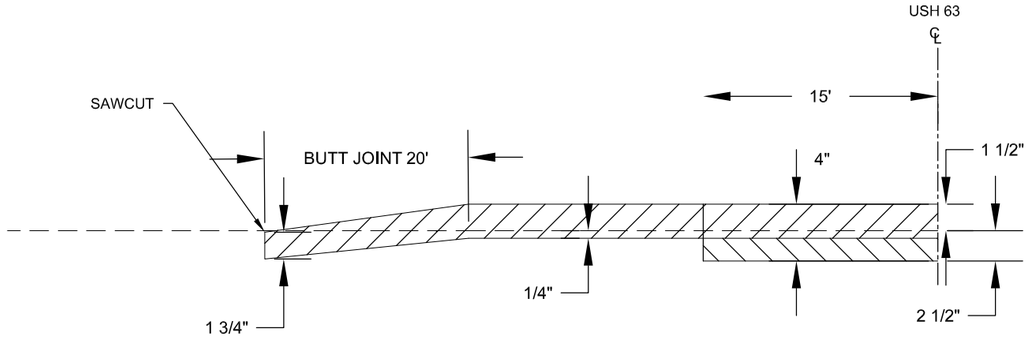
TYPICAL FINISHED SECTION FOR CHURCH PARKING LOT

PEDERSON DRIVE 'PD'
STA. 6+61.0 - 8+44.0 RT

2



CULVERT PIPE CHECK



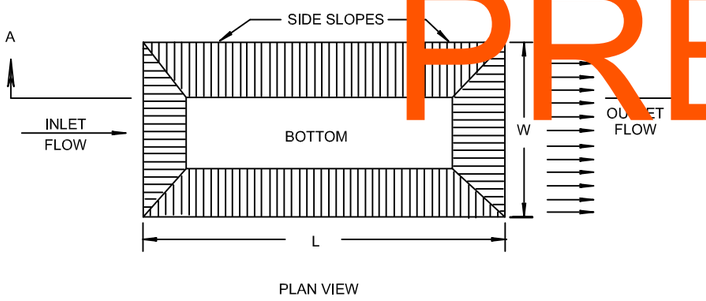
BUTT JOINT

NOTES:

UPPER LAYER 1-3/4" HMA PAVEMENT

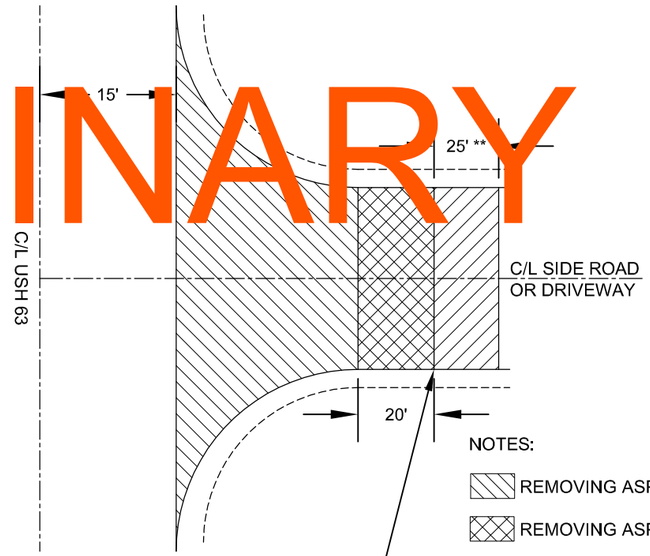
LOWER LAYER 2-1/4" HMA PAVEMENT

PRELIMINARY



TEMPORARY SEDIMENT BASIN DETAIL

NOTE: EXCAVATION AND BACKFILL FOR SEDIMENT BASIN TO BE PAID FOR UNDER "EXCAVATION COMMON" ITEM. (EXACT LOCATIONS AND DIMENSIONS TO BE AS DIRECTED BY THE ENGINEER.)



NOTES:

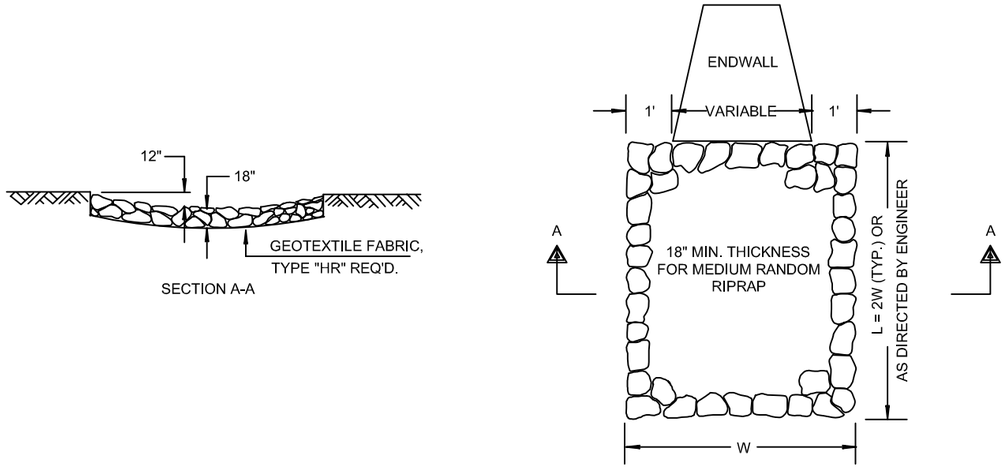
REMOVING ASPHALTIC SURFACE MILLNG

REMOVING ASPHALTIC SURFACE BUTT JOINT

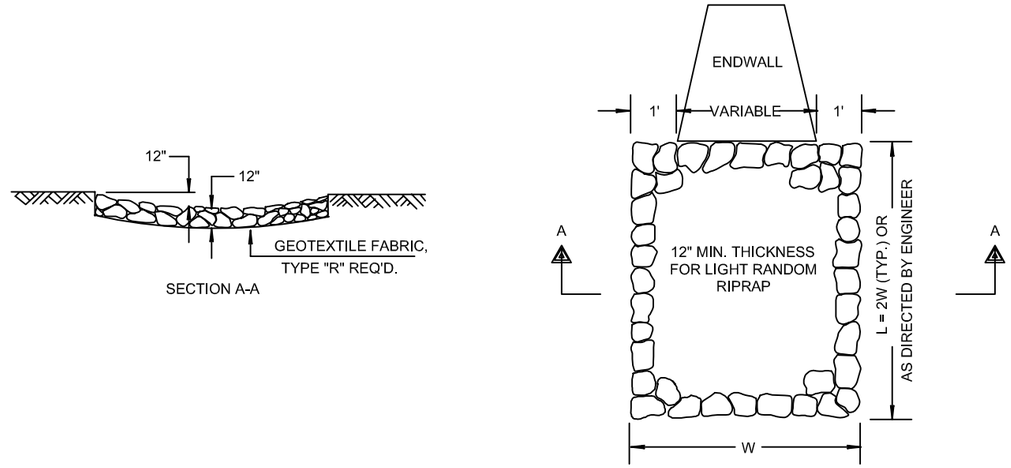
3/4-INCH BASE AGGREGATE DENSE,**
FEATHER TO MATCH PAVED SIDE ROAD APRONS.

MATCH EXISTING PAVED SURFACE RADII AND TAPERS.
* REQUIRED ON PAVED SIDE ROADS AND DRIVEWAYS ONLY.
**REQUIRED ON UN-PAVED SIDE ROADS ONLY.

PAVED AND UN-PAVED SIDE ROADS AND PAVED DRIVEWAY DETAIL

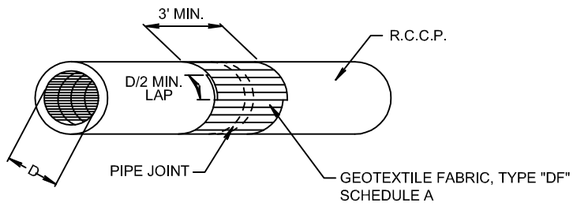


MEDIUM RIPRAP TREATMENT AT CULVERTS



LIGHT RIPRAP TREATMENT AT CULVERTS

PRELIMINARY



NOTE: GEOTEXTILE FABRIC FOR PIPE JOINTS IS INCIDENTAL TO THE PIPE ITEM.

DETAIL OF WRAPPED PIPE JOINT
(WRAP ALL JOINTS)

GEOTEXTILE FABRIC REQUIRED FOR PIPE JOINTS

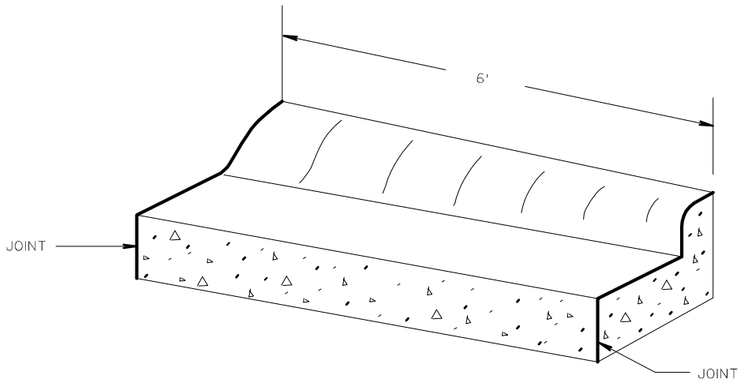
PIPE DIA. (IN.)	PIPE O.D. (IN.)	FABRIC/JOINT (S.Y.)
18	23	2.3
21	26.5	2.6
24	30	3.0
27	33.5	3.3
30	37	3.6
36	44	4.3
42	51	5.0
48	58	5.7
54	65	6.4
60	72	7.1
66	79	7.8
72	86	8.5

RUNOFF COEFFICIENT TABLE

	HYDROLOGIC SOIL GROUP											
	A			B			C			D		
	SLOPE RANGE (PERCENT)			SLOPE RANGE (PERCENT)			SLOPE RANGE (PERCENT)			SLOPE RANGE (PERCENT)		
LAND USE:	0-2	2-6	6 & OVER	0-2	2-6	6 & OVER	0-2	2-6	6 & OVER	0-2	2-6	6 & OVER
ROW CROPS	.08 .22	.16 .30	.22 .38	.12 .26	.20 .34	.27 .44	.15 .30	.24 .37	.33 .50	.19 .34	.28 .41	.38 .56
MEDIAN STRIP-TURF	.19 .24	.20 .26	.24 .30	.19 .25	.22 .28	.26 .33	.20 .26	.23 .30	.30 .37	.20 .27	.25 .32	.30 .40
SIDE SLOPE-TURF			.25 .32			.27 .34			.28 .36			.30 .38
PAVEMENT:												
ASPHALT	.70 - .95											
CONCRETE	.80 - .95											
BRICK	.70 - .80											
DRIVES, WALKS	.75 - .85											
ROOFS	.75 - .95											
GRAVEL ROADS, SHOULDERS	.40 - .60											

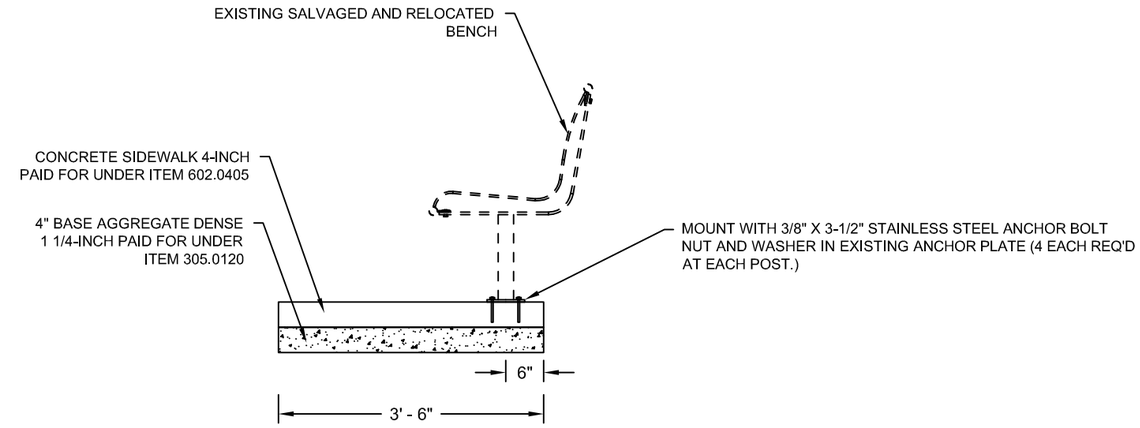
TOTAL PROJECT AREA = 42.4 ACRES
TOTAL AREA EXPECTED TO BE DISTURBED BY CONSTRUCTION ACTIVITIES = 42.4 ACRES (INCLUDING ROADWAYS)

2



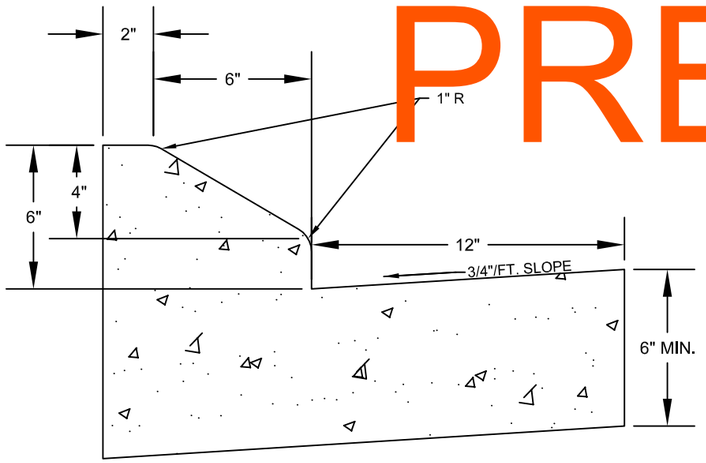
CURB TRANSITION DETAIL

36" CURB & GUTTER TO 30" TYPE "D" CURB & GUTTER
(TO BE MEASURED & PAID FOR AS 36" CONC. C&G)

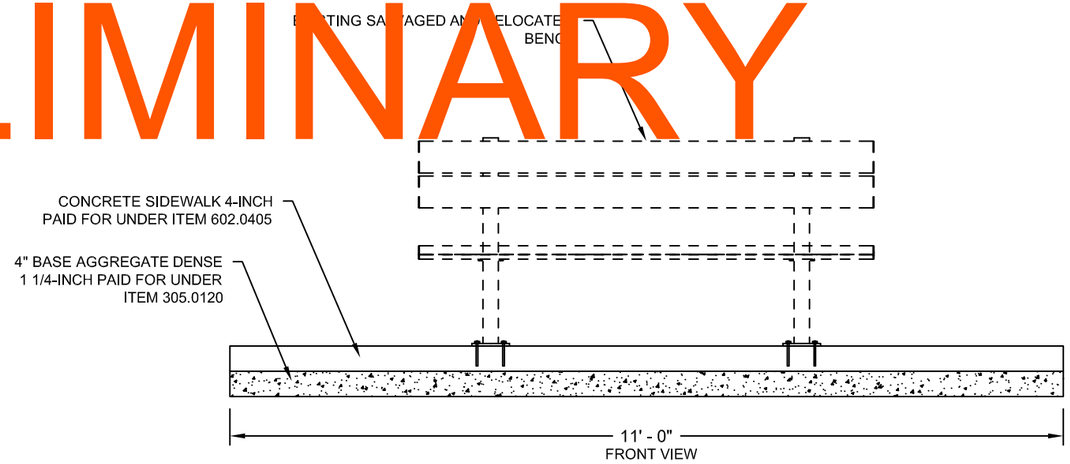


RIGHT SIDE VIEW

PRELIMINARY



CONCRETE CURB & GUTTER 20-INCH TYPE J SPECIAL

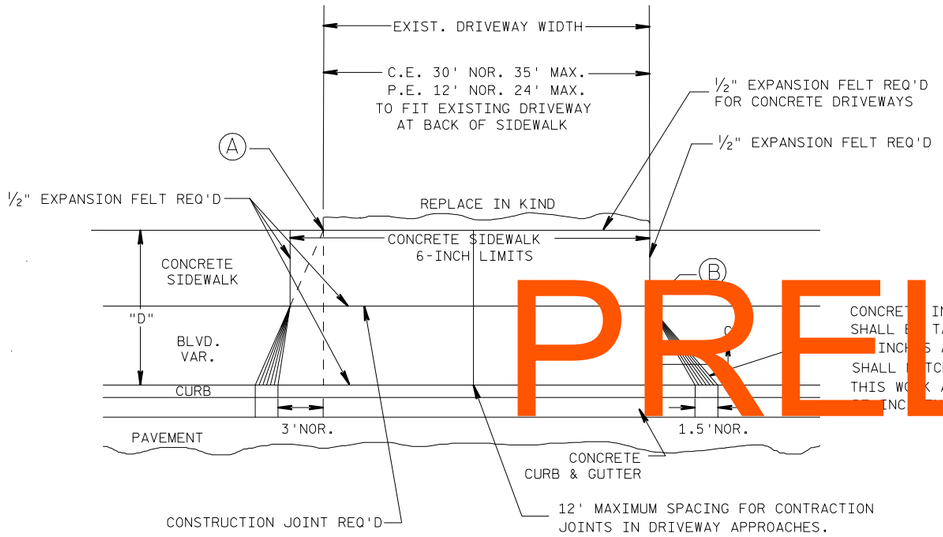


SALVAGE AND RELOCATE BENCH DETAIL

STA. 862+11, 52' RT

DRIVEWAY ENTRANCE DETAIL WITH SIDEWALK, CURB & GUTTER

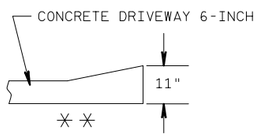
PRELIMINARY

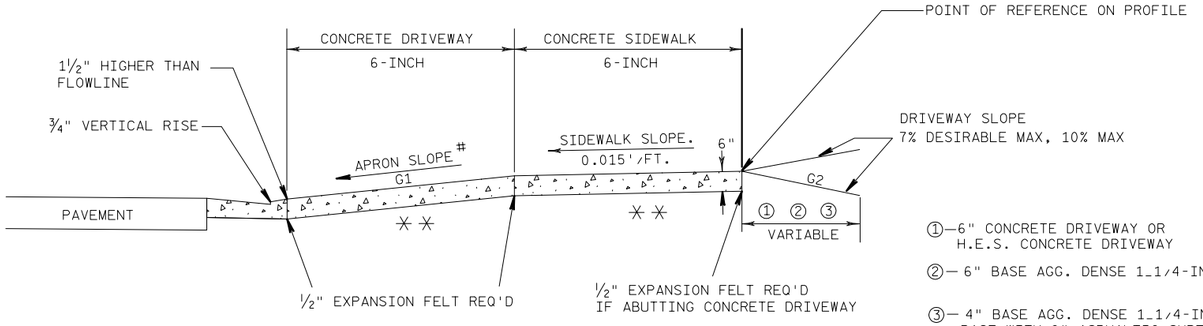


PLAN VIEW

Ⓐ WHEN "D" IS 13' OR LESS, ALIGN TAPER WITH BACK OF SIDEWALK

Ⓑ WHEN "D" IS GREATER THAN 13', ALIGN TAPER WITH FRONT OF SIDEWALK





TYPICAL SIDEWALK SECTION

①—6" CONCRETE DRIVEWAY OR H.E.S. CONCRETE DRIVEWAY

②— 6" BASE AGG. DENSE 1_1/4-INCH

③— 4" BASE AGG. DENSE 1_1/4-INCH BASE WITH 2" ASPHALTIC SURFACE

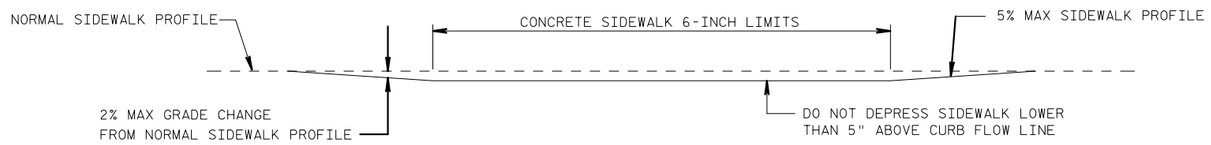
⁂ = 6" BASE AGG. DENSE 1_1/4-INCH REQ'D UNDER CONCRETE DRWY

\#

TERRACE WIDTH	APRON SLOPE (G1) MIN %	DESIRABLE %	MAX %
3 FT	7.0	8.5	9.0
4 FT	5.0	7.0	9.0
5 FT	4.0	7.0	9.0
6 FT	4.0	7.0	9.0
7 FT	3.5	7.0	9.0
8 FT	3.0	7.0	9.0

NOTE: ALGEBRAIC DIFFERENCE BETWEEN TANGENT GRADES G1 & G2 TO NOT EXCEED 15%

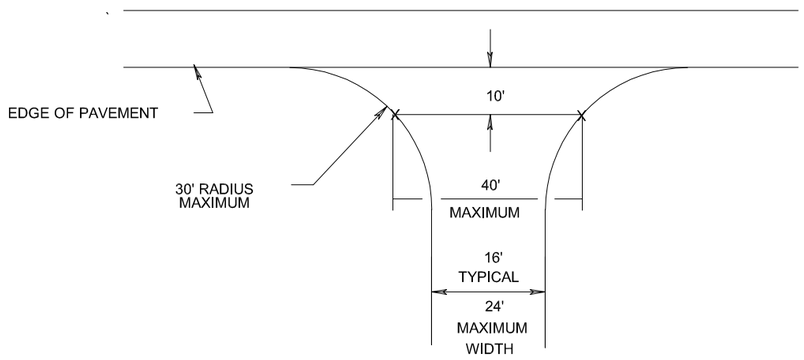
DEPRESS SIDEWALK PROFILE IF DRIVEWAY APRON EXCEEDS MAX SLOPE



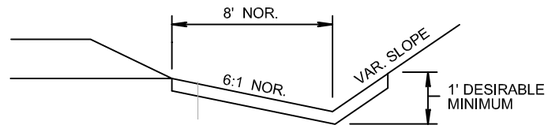
DEPRESSED SIDEWALK PROFILE DETAIL

PROJECT NO: 1560-31-71	HWY: USH 63	COUNTY: WASHBURN	CONSTRUCTION DETAILS	SHEET /	E

2

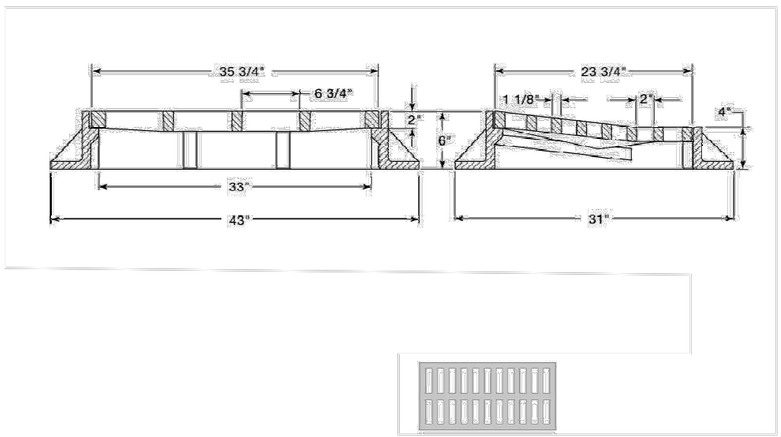


TYPICAL DRIVEWAY DETAIL
(NON-COMMERCIAL RURAL)

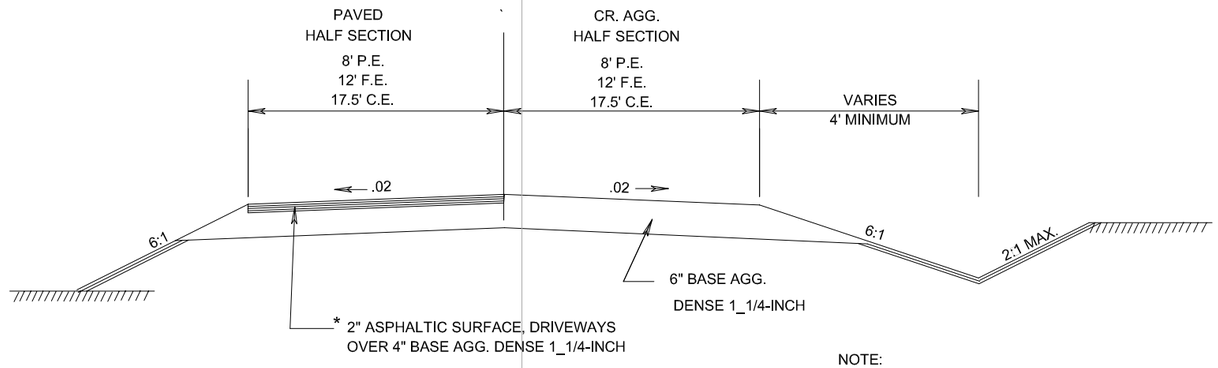


EROSION MAT DETAIL FOR DITCHES

PRELIMINARY



INLET COVERS TYPE H-D DETAIL



TYPICAL SECTION
FOR PRIVATE ENTRANCES

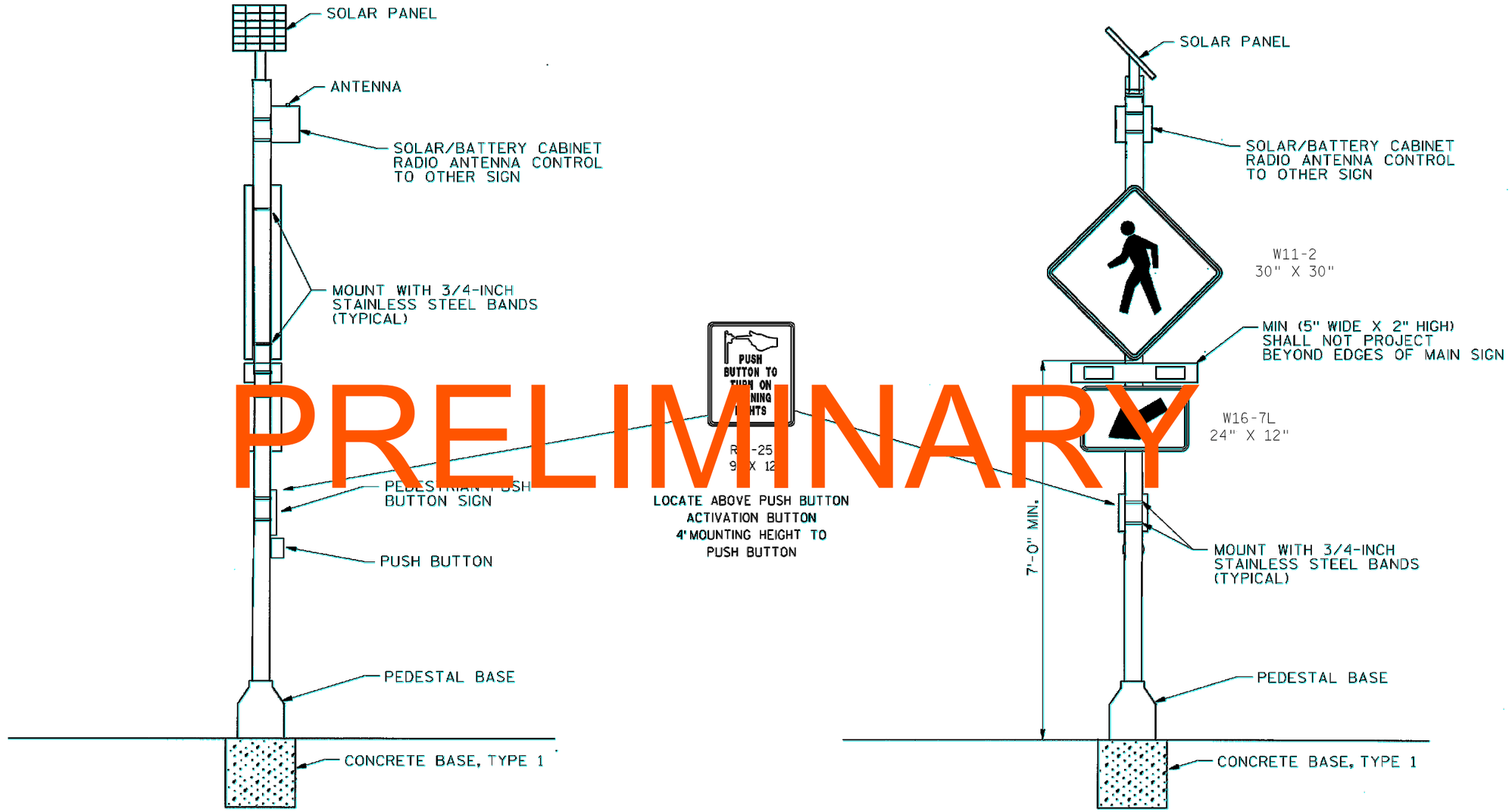
NOTE:

DRIVEWAY PROFILES NOT EXPECTED TO EXCEED 10%. PLACE LOW POINT OF DRIVEWAY PROFILE OVER DITCH FLOW LINE.

* OR MATCH EXIST. ASPH. DEPTH

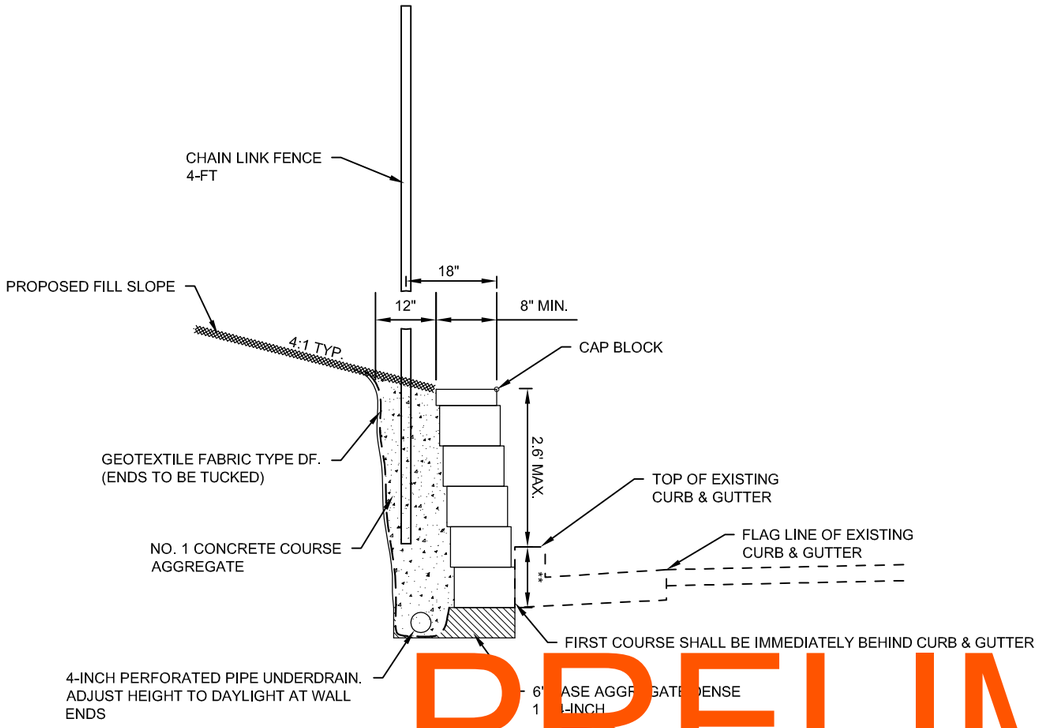
NOTE:
SIGNS TO BE PLACED BACK TO BACK ON POLE, (4) SIGNS
TOTAL WITH (2) RRFB PLACED BACK TO BACK

SOLAR PANEL MUST POINT SOUTH

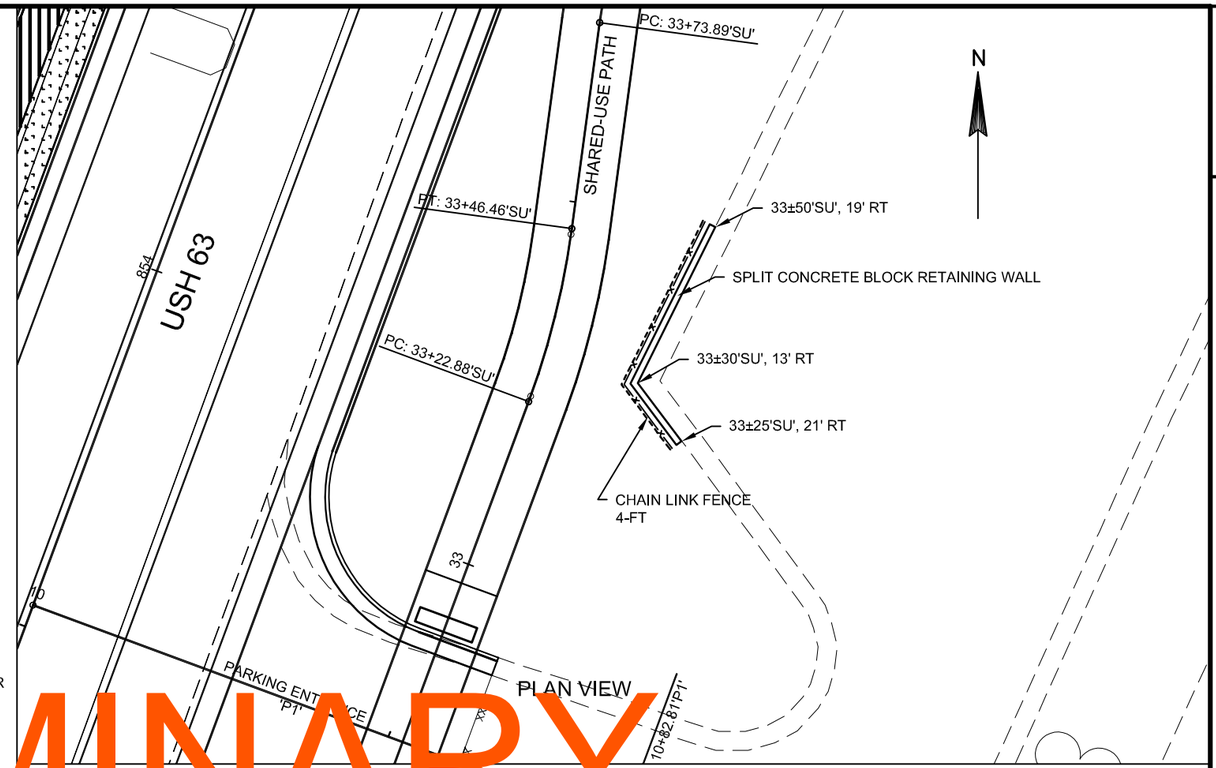


PRELIMINARY

RECTANGULAR RAPID FLASHING BEACON (RRFB) - SOLAR

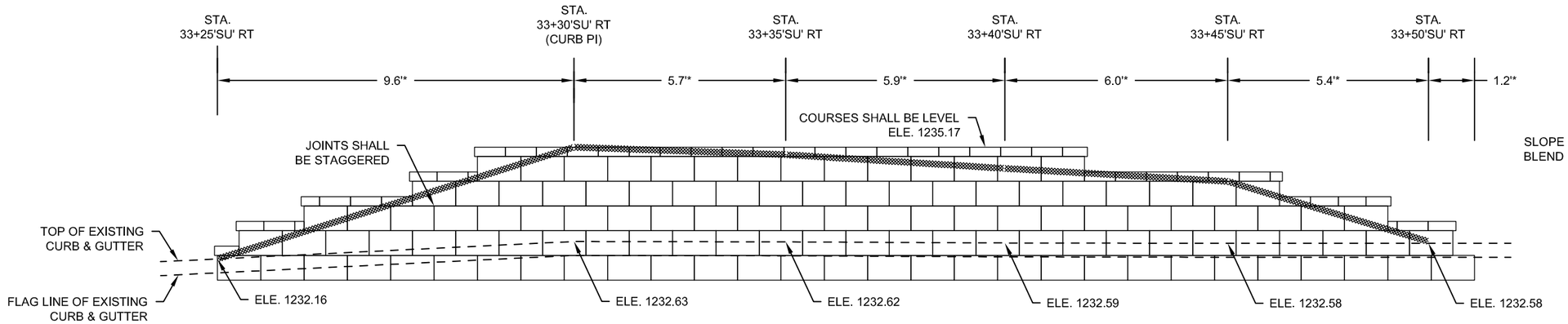


SIDE VIEW



PLAN VIEW

PRELIMINARY



FRONT VIEW

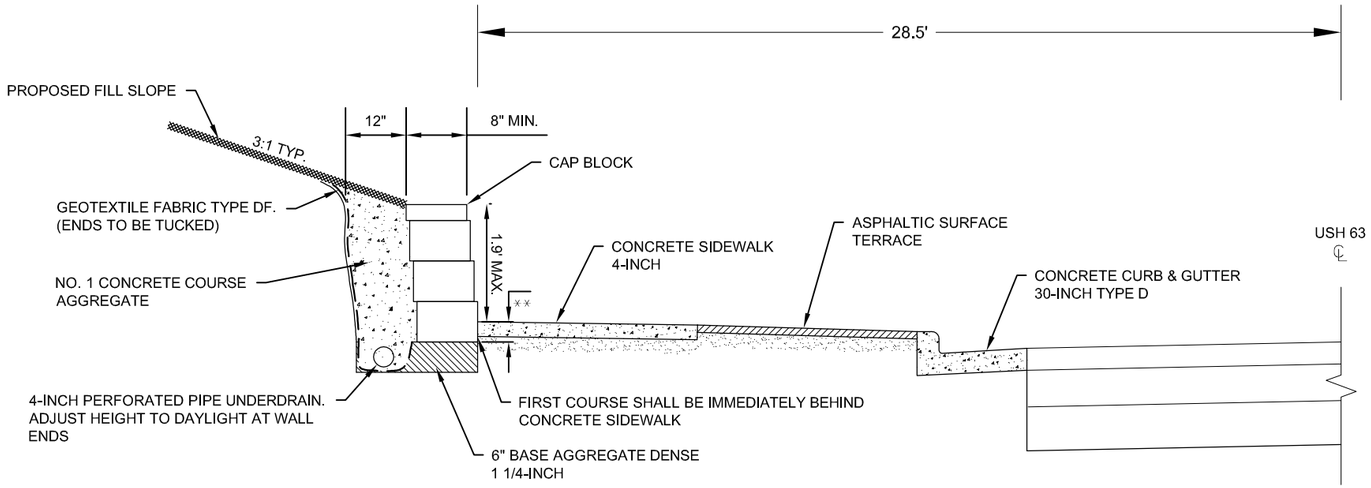
* DIMENSION PARALLEL TO THE BACK OF CURB.

DETAIL FOR SPLIT CONCRETE BLOCK RETAINING WALL

STA 33+25'SU' - 33+50'SU' RT

PROJECT NO: 1560-31-71	HWY: USH 63	COUNTY: WASHBURN	CONSTRUCTION DETAILS	SHEET /	E

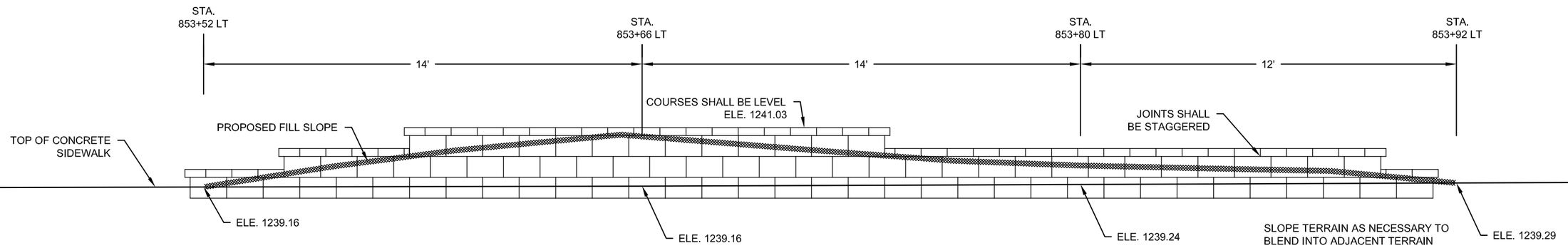
2



** MINIMUM 4" OF FIRST BLOCK BELOW TOP OF CONCRETE SIDEWALK

SIDE VIEW

PRELIMINARY



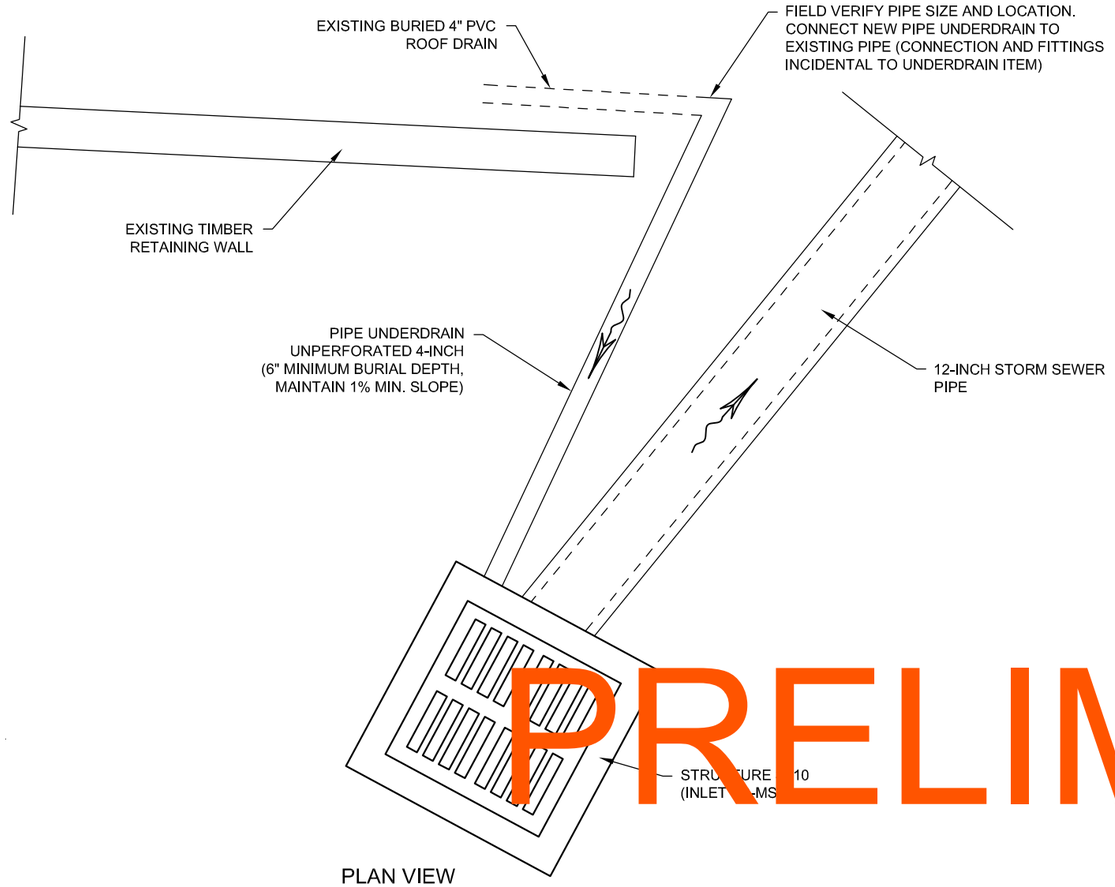
FRONT VIEW

DETAIL FOR SPLIT CONCRETE BLOCK RETAINING WALL

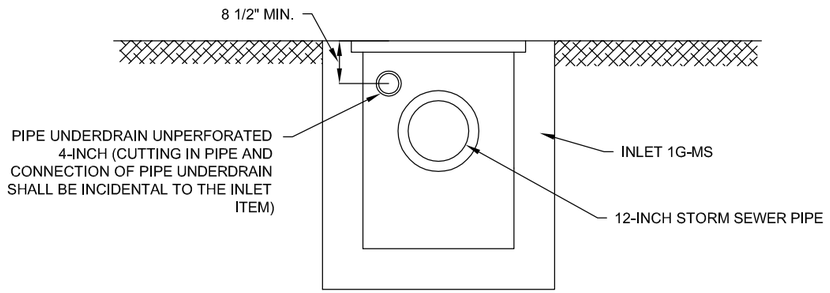
STA 853+51.6 - 853+91.3 LT

PROJECT NO: 1560-31-71	HWY: USH 63	COUNTY: WASHBURN	CONSTRUCTION DETAILS	SHEET /	E

PRELIMINARY



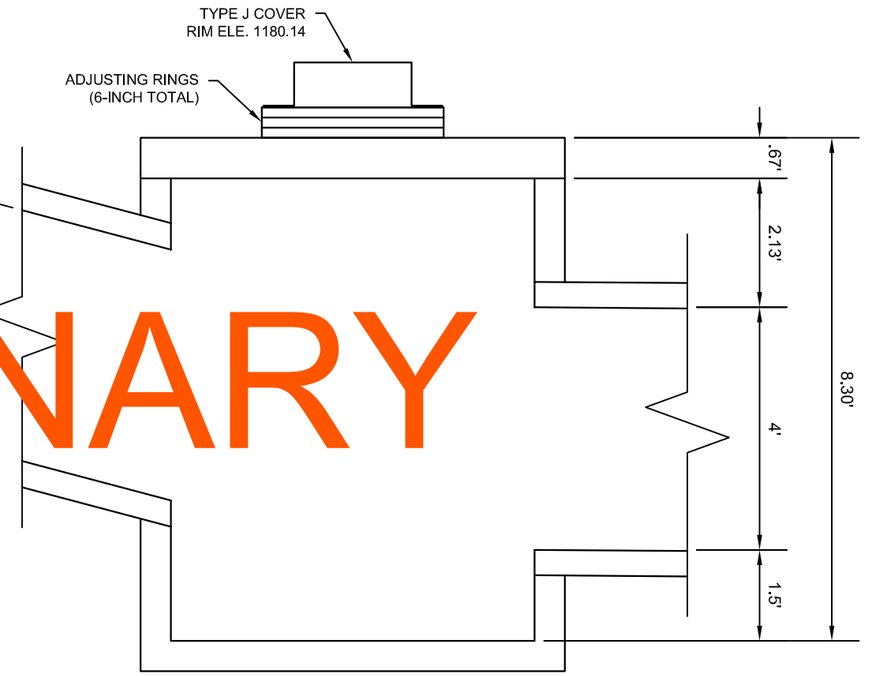
PLAN VIEW



SIDE VIEW

DETAIL FOR PIPE UNDERDRAIN CONNECTION

STA 852+60 - 852+70 LT



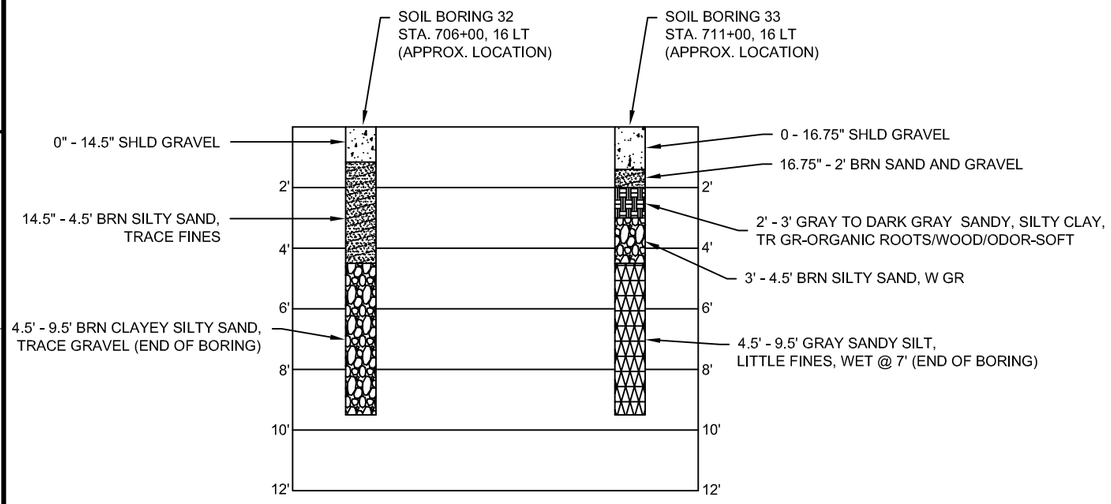
DETAIL FOR 6 X 6-FT MANHOLE WITH 18-INCH SUMP

STORM SEWER STRUCTURE S19.2 - STA. 28+48.5'BD'

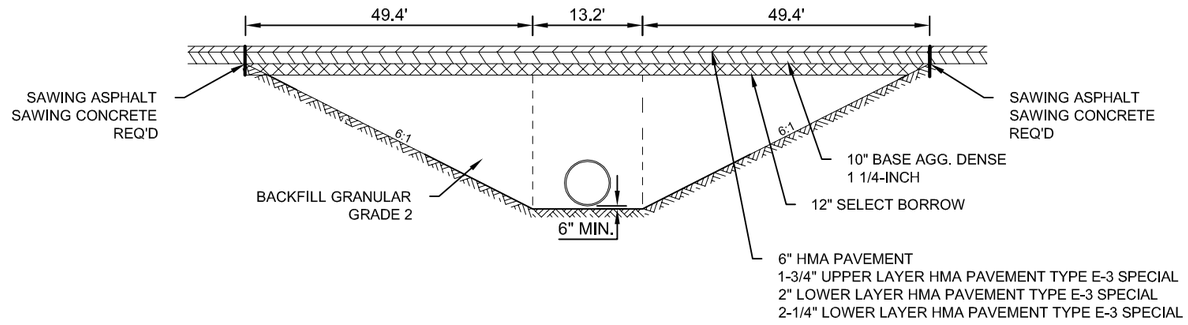
ALL OTHER CONSTRUCTION DETAILS SHALL
BE IN ACCORDANCE WITH SDD 8 B 10-1.

PROJECT NO: 1560-31-71	HWY: USH 63	COUNTY: WASHBURN	CONSTRUCTION DETAILS	SHEET /	E

2

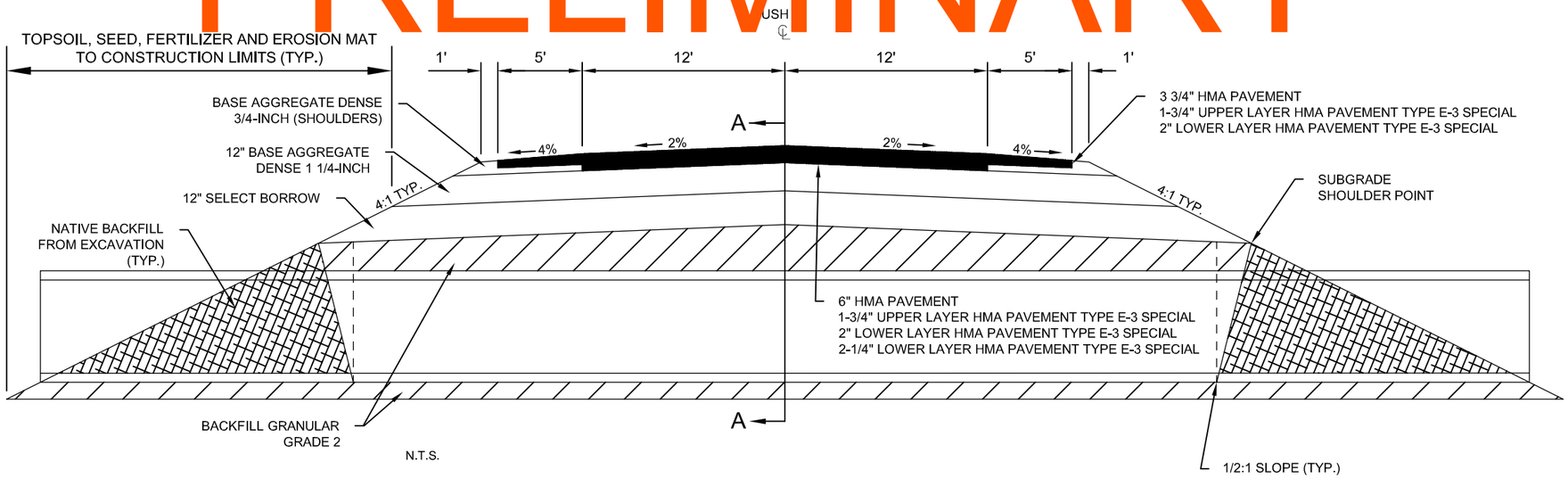


SOIL BORING LOG



SECTION A - A

PRELIMINARY

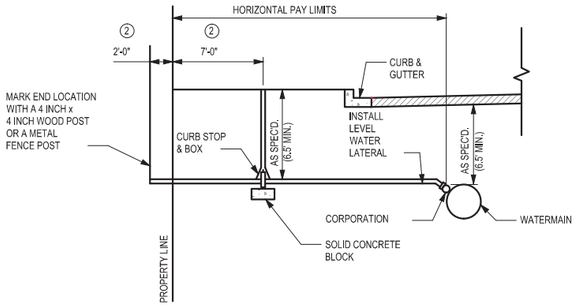


N.T.S.

CROSS DRAIN INSTALLATION DETAIL

STA. 709+08

PRELIMINARY

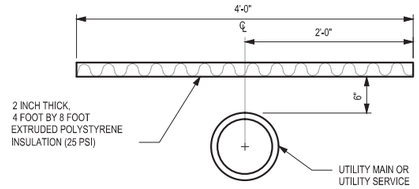


GENERAL NOTES:

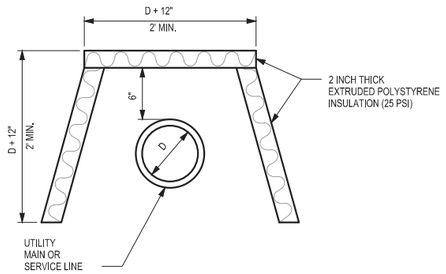
1. SEE PLANS AND SPECIFICATIONS FOR SIZE AND TYPE OF CURB STOP AND BOX CORPORATION AND SERVICE LINE.
2. COMMUNITY STANDARDS SHALL SUPERSEDE THE DIMENSIONS FROM THE PROPERTY LINE.

WATER SERVICE DETAIL

SCALE: NONE



STANDARD INSTALLATION



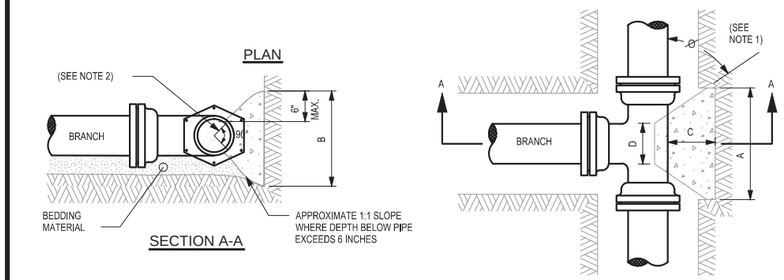
SIDE PROTECTION INSTALLATION

GENERAL NOTES:

1. THE SIDE PROTECTION INSTALLATION SHALL BE USED WHERE FROST WILL PENETRATE BELOW THE PIPE INVERT.

PIPE INSULATION DETAIL

SCALE: NONE



NOTES:

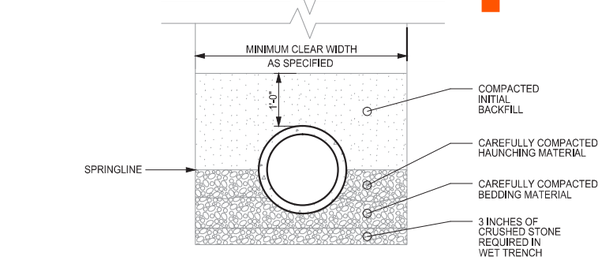
1. DIMENSION 'C' SHOULD BE LARGE ENOUGH TO MAKE ANGLE O GREATER THAN OR EQUAL TO 45°.
2. CONCRETE SHOULD BEAR ON THIS QUADRANT OF PIPE AT A MINIMUM.
3. DIMENSION 'D' SHOULD BE AS LARGE AS POSSIBLE BUT CONCRETE SHOULD NOT INTERFERE WITH MECHANICAL JOINTS.
4. BUTTRESS DIMENSIONS ARE BASED ON A SOIL RESISTANCE OF TWO TONS PER SQ. FT. AND A WATER PRESSURE OF 150 PSI. INFORM THE ENGINEER IF ON-SITE SOIL DOES NOT MEET THIS CONDITION OR PRESSURES EXCEED 150 PSI.
5. BUTTRESS TO BE PLACED AGAINST FIRM UNDISTURBED SOIL, OR DISTURBED SOIL COMPACTED TO 95% OF MODIFIED PROCTOR DENSITY, ASTM D1557.
6. CONCRETE SHALL HAVE A MINIMUM 7-DAY COMPRESSIVE STRENGTH OF 2000 PSI.
7. ALL POURED BUTTRESSED FITTINGS SHALL BE WRAPPED IN POLYETHYLENE.
8. IN ADDITION TO BUTTRESSES, ALL JOINTS SURROUNDING TEES SHALL BE RESTRAINED WITH WEDGE ACTION RESTRAINING GLANDS.

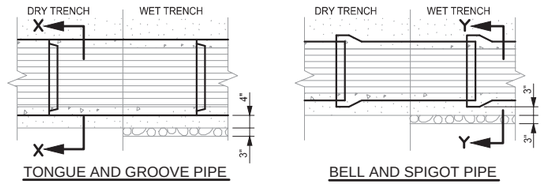
BUTTRESS DIMENSIONS				
B.D	A	B	C	D
6"	1'-3"	1'-0"	SEE NOTE NO. 1	SEE NOTE NO. 3
8"	1'-6"	1'-4"		
10"	1'-10"	1'-8"		
12"	2'-3"	2'-0"		
16"	3'-2"	2'-6"		
20"	4'-0"	3'-0"		
24"	5'-3"	3'-4"		

B.D. = BRANCH DIAMETER

BUTTRESS FOR TEES DETAIL

SCALE: NONE



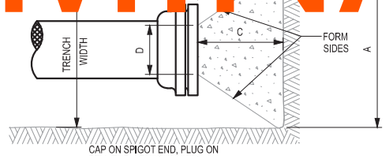


GENERAL NOTES:

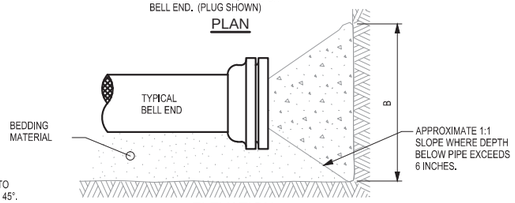
1. BEDDING AND HAUNCHING MATERIAL SHALL BE WELL-GRADED 3/4 TO 1/4 INCH CRUSHED STONE OR OTHER NONE COHESIVE MATERIAL NOT SUBJECT TO MIGRATION AND FREE OF DEBRIS, ORGANIC MATERIAL, AND LARGE STONES.
2. BEDDING MATERIAL TO BE PLACED BEFORE SETTING PIPE, 4 INCH MINIMUM UNDER BARREL WITH 3 INCH MINIMUM UNDER BELL.
3. INITIAL BACKFILL SHALL BE DENSELY COMPACTED, NON-COHESIVE FINELY DIVIDED MATERIAL FREE OF DEBRIS, ORGANIC MATERIAL, AND LARGE STONES.
4. IN ROCK OR OTHER INCOMPRESSABLE MATERIALS, THE TRENCH SHALL BE OVEREXCAVATED A MINIMUM OF 6-INCHES AND REFILLED WITH GRANULAR MATERIAL.

CLASS "B" EMBEDMENT FOR RIGID PIPE DETAIL

SCALE: NONE



PLAN



ELEVATION

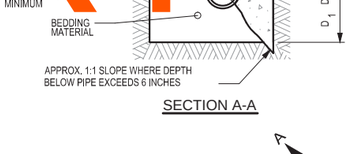
NOTES:

1. DIMENSION 'C' SHOULD BE LARGE ENOUGH TO MAKE ANGLE O EQUAL TO OR LARGER THAN 45°.
2. DIMENSION 'D' EQUALS APPROX. I.D. OF PIPE LESS 2 INCHES. THE CONCRETE SHOULD NOT INTERFERE WITH THE MECHANICAL JOINTS.
3. WHERE BUTTRESSES ARE NOT POSSIBLE BECAUSE OF POOR SOIL CONDITIONS OR LACK OF ROOM, WEDGE ACTION RESTRAINING GLANDS SHALL BE PERMITTED.
4. BUTTRESS DIMENSIONS ARE BASED ON A SOIL RESISTANCE OF TWO TONS PER SQ. FT. AND A WATER PRESSURE OF 150 PSI. INFORM THE ENGINEER IF ON-SITE SOIL DOES NOT MEET THIS CONDITION OR PRESSURES EXCEED 150 PSI.
5. BUTTRESS TO BE PLACED AGAINST FIRM UNDISTURBED SOIL, OR DISTURBED SOIL COMPACTED TO 95% OF MODIFIED PROCTOR DENSITY, ASTM D1557.
6. CONCRETE SHALL HAVE A MINIMUM 7-DAY COMPRESSIVE STRENGTH OF 2000 PSI.
7. ALL POURED BUTTRESSED FITTINGS SHALL BE WRAPPED IN POLYETHLENE.

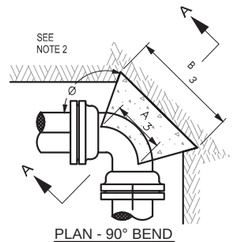
BUTTRESS DIMENSIONS				
DIA.	A	B	C	D
6"	1'-6"	1'-2"	SEE NOTE NO. 1	SEE NOTE NO. 2
8"	2'-0"	1'-4"		
12"	2'-5"	1'-10"		
16"	3'-4"	2'-4"		
20"	4'-3"	2'-10"		
24"	5'-2"	3'-4"		
30"	6'-9"	4'-0"		

BUTTRESS FOR PLUGS DETAIL

SCALE: NONE

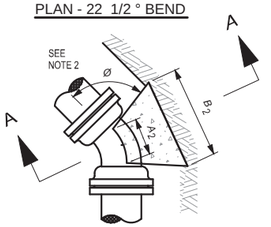


SECTION A-A



PLAN - 90° BEND

PLAN - 22 1/2 ° BEND



PLAN - 45° BEND

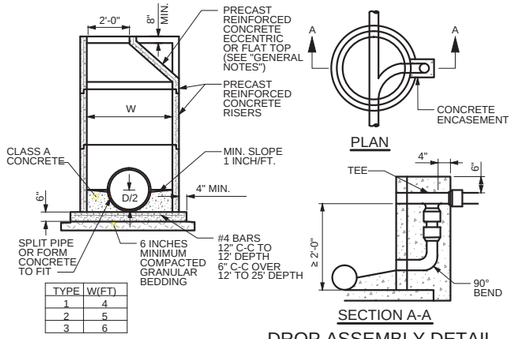
NOTES:

1. DIMENSIONS IN TABLE ARE BASED ON A WATER PRESSURE OF 150 P.S.I. AND AN EARTH RESISTANCE OF 2 TONS PER SQ. FT. INFORM THE ENGINEER IF PRESSURES EXCEEDS 150 PSI, OR ON-SITE SOIL DOES NOT MEET THIS CONDITION.
2. DIMENSION C C C SHOULD BE LARGE ENOUGH TO MAKE ANGLE Ø EQUAL TO OR LARGER THAN 45°.
3. DIMENSION C C C SHOULD BE LARGE AS POSSIBLE WITHOUT INTERFERRING WITH THE MECHANICAL JOINT.
4. BUTTRESS TO BE PLACED AGAINST FIRM UNDISTURBED SOIL, OR DISTURBED SOIL COMPACTED TO 95% OF MODIFIED PROCTOR DENSITY, ASTM D1557.
5. ALL POURED BUTTRESSED FITTINGS SHALL BE WRAPPED IN POLYETHYLENE.
6. CONCRETE SHALL HAVE A MINIMUM 7-DAY COMPRESSIVE STRENGTH OF 2000 PSI.
7. IN ADDITION TO BUTTRESS, ALL JOINTS SURROUNDING BENDS SHALL BE RESTRAINED WITH WEDGE ACTION RESTRAINING GLANDS. RESTRAINED WITH WEDGE ACTION RESTRAINING GLANDS.

BUTTRESS DIMENSIONS						
PIPE SIZE	22 1/2 ° BENDS		45° BENDS		90° BENDS	
	B_1	D_1	B_2	D_2	B_3	D_3
6"	1'-0"	1'-0"	1'-0"	1'-0"	1'-4"	1'-2"
8"	1'-0"	1'-0"	1'-4"	1'-2"	1'-10"	1'-6"
10"	1'-2"	1'-2"	1'-7"	1'-7"	2'-3"	1'-10"
12"	1'-4"	1'-4"	1'-10"	1'-10"	2'-8"	2'-3"
16"	1'-10"	1'-8"	2'-6"	2'-4"	3'-10"	2'-10"
20"	2'-4"	2'-0"	3'-3"	2'-10"	5'-0"	3'-4"
24"	2'-10"	2'-4"	4'-0"	3'-3"	6'-4"	3'-10"

BUTTRESS FOR BENDS DETAIL

SCALE: NONE



TYPE	W(FT)
1	4
2	5
3	6

PLAN

SECTION A-A

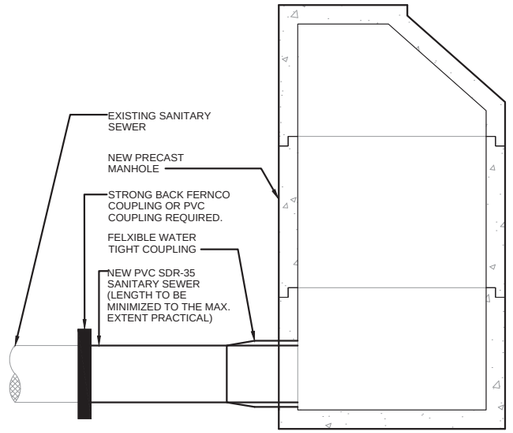
DROP ASSEMBLY DETAIL

GENERAL NOTES:

1. DETAILS OF CONSTRUCTION, MATERIALS AND WORKMANSHIP NOT SHOWN ON THIS DRAWING AND THE APPLICABLE SPECIAL CONDITIONS SHALL CONFORM TO THE PERTINENT REQUIREMENTS OF THE STANDARD SPECIFICATIONS.
2. DETAILED DRAWINGS FOR PROPOSED ALTERNATE DESIGNS FOR UNDERGROUND STRUCTURES SHALL BE SUBMITTED TO THE ENGINEER FOR APPROVAL PROVIDING THAT SUCH ALTERNATE DESIGNS MAKE PROVISION FOR EQUIVALENT CAPACITY AND STRENGTH.
3. PRECAST REINFORCED BASES SHALL BE PLACED ON A BED OF MATERIAL AT LEAST 6 INCHES IN DEPTH, WHICH MEETS THE REQUIREMENTS FOR GRANULAR BACKFILL. THIS BEDDING SHALL BE COMPACTED AND PROVIDE UNIFORM SUPPORT FOR THE ENTIRE AREA OF THE BASE.
4. ECCENTRIC CONE TOPS SHALL BE USED ON ALL STRUCTURES 5 FEET OR GREATER IN DEPTH, AND FLAT TOPS SHALL BE USED ONLY ON STRUCTURES LESS THAN 5 FEET IN DEPTH, UNLESS DIRECTED BY THE ENGINEER.
5. PRECAST REINFORCED CONCRETE RISERS MAY BE PLACED WITH TONGUE UP OR DOWN.
6. ALL PRECAST INLET UNITS SHALL CONFORM TO THE PERTINENT REQUIREMENTS OF AASHTO DESIGNATION M 199.
7. DROP CONNECTIONS SHALL BE USED WHEN THE PIPE INVERT IS MORE THAN 2 FEET ABOVE THE MANHOLE INVERT. PRECAST STRUCTURE MANWAY CLEAR OPENING SHALL MATCH CASTING - REFER TO STANDARD SPECIFICATION
8. DIVISION 33 AND THE APPLICABLE SPECIAL CONDITIONS.
   - OPENING SHALL BE 24" FOR R-1550 CASTINGS
   - OPENING SHALL BE 27" FOR R-1642 CASTINGS

PRECAST REINFORCED CONCRETE MANHOLE DETAIL

SCALE: NONE

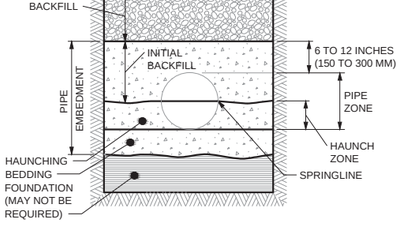


1. SEE PRECAST REINFORCED MANHOLE DETAIL FOR SPEICFICS OF MANHOLE INSTALLATION
2. SEE CLASS II-FLEXIBLE PIPE EMBEDDMENT DETAIL FOR BACKFILL REQUIREMENTS.

MANHOLE CONNECTION DETAIL

SCALE: NONE

PRELIMINARY

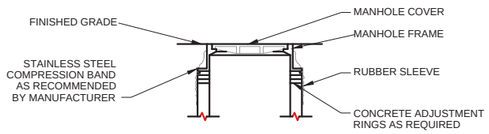


GENERAL NOTES:

1. DETAILS OF CONSTRUCTION NOT SHOWN ON THIS DRAWING SHALL CONFORM TO ASTM D2321.
2. CLASS II EMBEDMENT MATERIAL SHALL BE CLEAN, COARSE-GRAINED SOILS WITH LITTLE TO NO FINES. NO PARTICLES LARGER THAN 1 1/2 -INCHES SHALL BE USED IN THE PIPE EMBEDMENT.
3. WHERE HYDRAULIC GRADIENT EXISTS USE A WELL-GRADED MIXTURE TO MINIMIZE MIGRATION OF FINES FROM ADJACENT SOIL.
4. CLASS II MATERIAL IS SUITABLE AS A FOUNDATION AND FOR REPLACING OVER-EXCAVATED AND UNSTABLE TRENCH BOTTOM. INSTALL AND COMPACT IN 6-INCH MAXIMUM LAYERS.
5. INSTALL AND COMPACT BEDDING IN 6-INCH MAXIMUM LAYERS. LEVEL FINAL GRADE BY HAND. MINIMUM DEPTH 4 INCH (6 INCH IN ROCK CUTS.)
6. INSTALL AND COMPACT HAUNCHING IN 6-INCH MAXIMUM LAYERS. WORK IN AROUND PIPE BY HAND TO PROVIDE UNIFORM SUPPORT.
7. INSTALL AND COMPACT INITIAL BACKFILL TO A MINIMUM OF 6 INCH ABOVE PIPE CROWN.
8. EMBEDMENT COMPACTION:
   MINIMUM DENSITY 85% STANDARD PROCTOR. USE HAND TAMPERS OR VIBRATORY COMPACTORS.

CLASS II - FLEXIBLE PIPE EMBEDMENT DETAIL

SCALE: NONE



GENERAL NOTE:
THE SEAL SHALL EXTEND FROM THE CASTING TO THE CORBEL (CONE). SEAL EXTENSIONS SHALL BE USED AS REQUIRED.

EXTERNAL RUBBER SLEEVE FRAME/CHIMNEY SEAL

MANHOLE WATERPROOFING DETAIL

SCALE: NONE

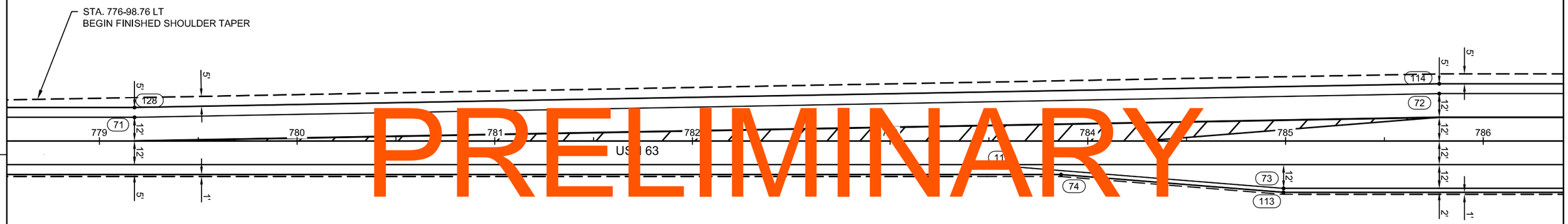
PROJECT NO: 1560-31-71	HWY: USH 63	COUNTY: WASHBURN	WATER DETAILS	SHEET	E

2

POINT NO.	ALIGNMENT	STATION	OFFSET
71	USH 63	779+17.79	-12.00
72	USH 63	785+77.79	-24.00
73	USH 63	784+99.04	24.00
74	USH 63	783+86.46	17.00
112	USH 63	783+49.04	12.00
113	USH 63	784+98.96	26.00
114	USH 63	785+77.79	-29.00
128	USH 63	779+17.79	-17.00

SCALE, FEET

0 50' 100'



PRELIMINARY

PROJECT NO: 1560-31-71	HWY: USH 63	COUNTY: WASHBURN	INTERSECTION DETAIL: USH 63 TURN LANE TAPERS	SHEET /	E

FILE NAME : \\NWBESERVER\DRAWINGS\NWBE_PROJECTS\DESIGN\1101_SHELL_LAKE_SS\C3D_12\021101_ID_NEW_SCOPE.DWG PLOT DATE : 9/3/2008 9:36 AM PLOT BY : GARY COLBERT PLOT NAME : ----------

WISDOT/CADDS SHEET 42

POINT NO.	ALIGNMENT	STATION	OFFSET	ALIGNMENT	STATION	OFFSET	ELEVATION
1	USH 63	788+84.84	-77.76	'HT'	9+21.64	-15.00	1237.65
2	USH 63	789+10.66	-47.36	'HT'	9+59.86	-26.36	1237.02
3	USH 63	789+48.89	-36.00	'HT'	9+85.68	-56.76	1237.30
4	USH 63	788+52.94	-140.19	'HT'	8+51.64	-11.00	1239.63
5	USH 63	788+32.84	-131.23	'HT'	8+51.72	11.00	1239.63
6	USH 63	788+48.81	-85.12	'HT'	9+00.35	15.00	1238.07
7	USH 63	788+46.10	-51.89	'HT'	9+29.67	30.89	1237.30
8	USH 63	788+16.78	-36.00	'HT'	9+32.38	64.12	1237.78
9	USH 63	788+49.04	24.14	'D'	10+02.88	58.81	1237.81
10	USH 63	788+77.21	32.70	'D'	10+21.13	35.70	1237.47
11	USH 63	788+95.59	55.76	'D'	10+49.30	27.00	1237.12
12	USH 63	789+68.40	80.60	'D'	10+97.08	-32.51	1237.44
13	USH 63	789+77.73	43.64	'D'	10+68.00	-53.90	1237.02
14	USH 63	790+10.40	24.00	'D'	10+61.63	-91.48	1237.26
15	USH 63	789+33.67	28.23	'D'	10+37.57	-18.50	1238.04
16	USH 63	789+52.03	26.79	'D'	10+42.93	-36.12	1237.99
17	USH 63	789+48.94	69.82	'D'	10+81.49	-17.64	1238.06
18	USH 63	790+49.72	57.80	'D'	10+99.75	116.91	0.00
19	USH 63	790+17.88	73.44	'D'	11+04.14	-81.86	0.00
20	USH 63	788+49.04	74.00	'D'	10+49.30	77.00	0.00
21	USH 63	788+16.78	-71.00	'HT'	9+00.35	50.00	0.00
22	USH 63	789+48.89	-106.00	'HT'	9+21.64	-85.00	0.00
23	USH 63	789+11.05	103.42	'D'	11+01.38	29.07	1237.55
24	USH 63	789+40.29	147.95	'D'	11+54.19	11.16	0.00
25	USH 63	789+66.97	144.68	'D'	11+55.55	-15.68	0.00
26	USH 63	789+68.18	90.60	'D'	11+05.89	-29.31	1237.61

POINT NO.	ALIGNMENT	STATION	OFFSET
70	USH 63	790+77.14	17.00

SCALE, FEET

0 30' 60'

POINT NO.	ALIGNMENT	STATION	OFFSET	ELEVATION
301	'D'	10+59.72	-16.02	1237.36
302	'D'	10+37.57	-16.00	1237.50
303	'D'	10+35.18	-19.23	1237.61
304	'D'	10+40.53	-36.84	1237.52
305	'D'	10+44.50	-38.06	1237.45
306	'D'	10+62.35	-26.51	1237.49
307	'D'	10+81.82	-19.10	1237.53
308	'D'	10+81.52	-16.14	1237.59

NOTE:

SIGN POSTS INSTALLED IN ASPHALT/CONCRETE REQUIRE 18" PVC BOX-OUT ACCORDING TO SIGN PLATE A4-3B

USH 63 STA. 789+02.74 = HILLTOP ROAD STA. 10+00.00'HT' (INTERSECTION TYPE 'B2') = CTH D STA. 10+00.00'D' (INTERSECTION TYPE 'A2')

CONCRETE CURB & GUTTER 6-INCH SLOPED 36-INCH TYPE D

CONCRETE CURB TYPE J

CONCRETE CURB & GUTTER 6-INCH SLOPED 30-INCH TYPE J

CONCRETE CURB & GUTTER 6-INCH SLOPED 36-INCH TYPE D

CONCRETE CURB & GUTTER 6-INCH SLOPED 36-INCH TYPE D

MATCH EXISTING STA. 11+54'D'

HILLTOP ROAD

CTH D

USH 63

PC: 10+72.66'D'

PCC: 11+60.55'D'

R70' R100' R50' R35' R3' R5' R10'

66°12'59"

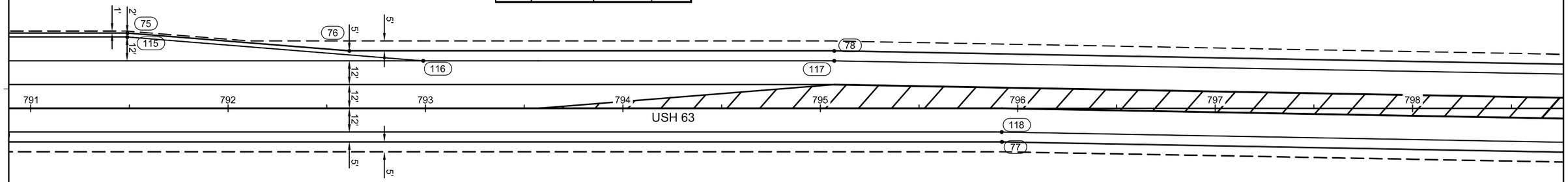
POINT NO.	ALIGNMENT	STATION	OFFSET	ELEVATION
129	'D'	11+08.01	35.52	-
130	'D'	11+05.29	60.12	-
131	'D'	11+16.56	62.98	-
132	'D'	11+37.33	31.69	-
133	'D'	11+50.53	-30.02	-
134	'D'	11+44.56	-48.01	-
135	'D'	11+35.84	-50.18	-
136	'D'	11+23.58	-37.12	-

PRELIMINARY

PROJECT NO: 1560-31-71	HWY: USH 63	COUNTY: WASHBURN	INTERSECTION DETAIL: HILLTOP ROAD / CTH D	SHEET /	E

POINT NO.	ALIGNMENT	STATION	OFFSET
75	USH 63	791+49.05	-38.00
76	USH 63	792+61.47	-29.00
77	USH 63	795+91.93	17.00
78	USH 63	795+07.03	-29.00
115	USH 63	791+48.97	-36.00
116	USH 63	792+98.89	-24.00
117	USH 63	795+07.03	-24.00
118	USH 63	795+91.85	12.00

SCALE, FEET
0 50' 100'

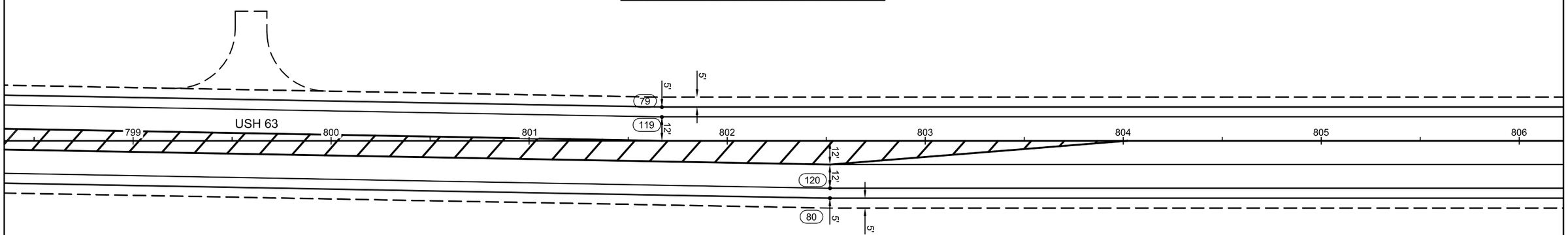


PRELIMINARY

POINT NO.	ALIGNMENT	STATION	OFFSET
79	USH 63	801+67.03	-17
80	USH 63	802+51.90	29
119	USH 63	801+67.03	-12
120	USH 63	802+51.96	24

STA. 799+60 LT
CONSTRUCT F.E.

SCALE, FEET
0 50' 100'



PROJECT NO: 1560-31-71	HWY: USH 63	COUNTY: WASHBURN	INTERSECTION DETAIL: USH 63 TURN LANE TAPERS	SHEET /	E

FILE NAME : \\NWBESERVER\DRAWINGS\NWBE_PROJECTS\DESIGN\1101_SHELL_LAKE_SS\C3D_12\021101_ID_NEW_SCOPE.DWG PLOT DATE : 9/3/2008 9:36 AM PLOT BY : GARY COLBERT PLOT NAME : ----------

2

POINT NO.	ALIGNMENT	STATION	OFFSET	ALIGNMENT	STATION	OFFSET	ELEVATION
31	USH 63	808+36.57	-173.54	'SE'	8+25.40	12.22	1235.49
32	USH 63	808+40.30	-66.43	'SE'	9+32.53	15.00	1236.51
33	USH 63	808+29.50	-36.59	'SE'	9+61.66	27.59	1237.01
34	USH 63	808+00.37	-24.00	'SE'	9+72.46	57.43	1237.51
35	USH 63	807+37.87	-17.00	'SE'	9+75.65	120.24	1237.82
36	USH 63	809+29.09	-29.00	'SE'	9+75.28	-71.36	1237.34
37	USH 63	808+87.98	-45.30	'SE'	9+56.51	-31.30	1236.80
38	USH 63	808+69.20	-85.36	'SE'	9+15.40	-15.00	1236.25
39	USH 63	808+61.53	-175.05	'SE'	8+25.40	-12.79	1235.25
40	USH 63	809+29.09	-89.00	'SE'	9+15.40	-75.00	0.00
41	USH 63	808+00.37	-64.00	'SE'	9+32.53	55.00	0.00

POINT NO.	ALIGNMENT	STATION	OFFSET
81	USH 63	809+59.42	29.00
85	USH 63	811+29.09	-29.00

PRELIMINARY

MATCH EXISTING
STA. 8+25'SE'

SCHOOL ENTRANCE

USH 63

SCALE, FEET
0 30' 60'

CONCRETE CURB AND GUTTER
6-INCH SLOPED 36-INCH TYPE D (TYP.)

R60'

R40'

86°31'1"

USH 63 STA. 808+59.37 =
SCHOOL ENTRANCE STA. 808+59.37'SE'
(INTERSECTION TYPE 'B2')

PROJECT NO: 1560-31-71	HWY: USH 63	COUNTY: WASHBURN	INTERSECTION DETAIL: SCHOOL ENTRANCE	SHEET /	E

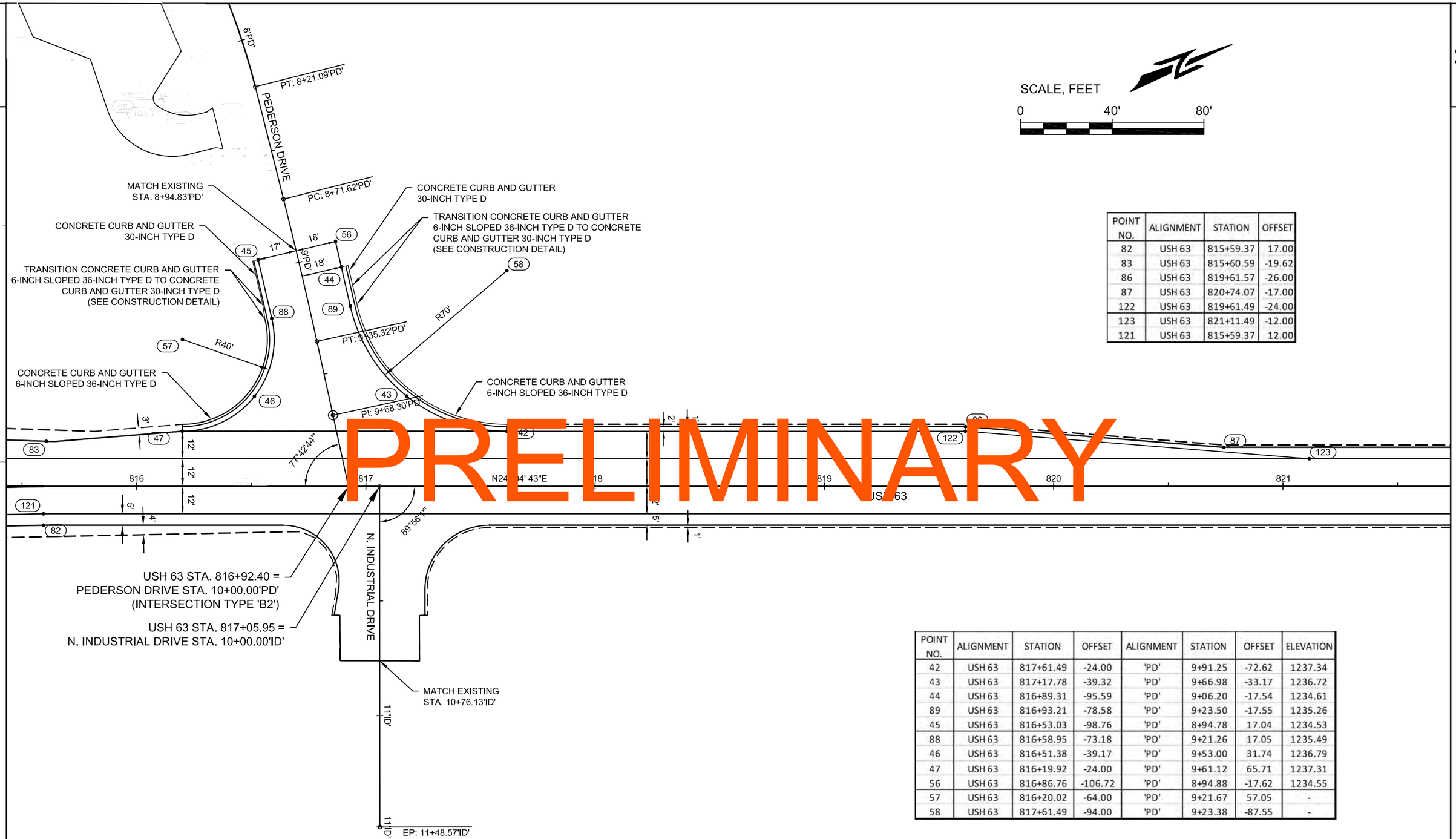
SCALE, FEET
0 50' 100'

POINT NO.	ALIGNMENT	STATION	OFFSET
82	USH 63	815+59.37	17.00
83	USH 63	815+60.59	-19.62
84	USH 63	812+19.18	-31.00
85	USH 63	811+29.09	-29.00
121	USH 63	815+59.37	12.00

PRELIMINARY

PROJECT NO: 1560-31-71	HWY: USH 63	COUNTY: WASHBURN	INTERSECTION DETAIL: USH 63 TURN LANE TAPERS	SHEET /	E

2



PRELIMINARY

POINT NO.	ALIGNMENT	STATION	OFFSET
82	USH 63	815+59.37	17.00
83	USH 63	815+60.59	-19.62
86	USH 63	819+61.57	-26.00
87	USH 63	820+74.07	-17.00
122	USH 63	819+61.49	-24.00
123	USH 63	821+11.49	-12.00
121	USH 63	815+59.37	12.00

POINT NO.	ALIGNMENT	STATION	OFFSET	ALIGNMENT	STATION	OFFSET	ELEVATION
42	USH 63	817+61.49	-24.00	'PD'	9+91.25	-72.62	1237.34
43	USH 63	817+17.78	-39.32	'PD'	9+66.98	-33.17	1236.72
44	USH 63	816+89.31	-95.59	'PD'	9+06.20	-17.54	1234.61
89	USH 63	816+93.21	-78.58	'PD'	9+23.50	-17.55	1235.26
45	USH 63	816+53.03	-98.76	'PD'	8+94.78	17.04	1234.53
88	USH 63	816+58.95	-73.18	'PD'	9+21.26	17.05	1235.49
46	USH 63	816+51.38	-39.17	'PD'	9+53.00	31.74	1236.79
47	USH 63	816+19.92	-24.00	'PD'	9+61.12	65.71	1237.31
56	USH 63	816+86.76	-106.72	'PD'	8+94.88	-17.62	1234.55
57	USH 63	816+20.02	-64.00	'PD'	9+21.67	57.05	-
58	USH 63	817+61.49	-94.00	'PD'	9+23.38	-87.55	-

PROJECT NO: 1560-31-71	HWY: USH 63	COUNTY: WASHBURN	PEDERSEN DR./N. INDUSTRIAL DR. - INTERSECTION LAYOUT DETAIL	SHEET /	E

PRELIMINARY

SCALE, FEET
0 30' 60'

POINT NO.	ALIGNMENT	STATION	OFFSET
91	'PD'	6+63.30	26.70
92	'PD'	6+59.30	64.16
93	'PD'	6+95.96	80.30
94	'PD'	7+08.82	72.84
95	'PD'	7+43.19	84.62
96	'PD'	7+63.31	84.32
97	'PD'	7+83.76	65.02
98	'PD'	8+13.21	64.99
99	'PD'	8+42.63	35.16
100	'PD'	8+42.63	23.30
101	'PD'	8+26.63	23.30
102	'PD'	8+26.63	26.41
103	'PD'	8+18.18	43.61
104	'PD'	8+11.79	43.19
105	'PD'	7+95.97	26.65
106	'PD'	8+11.50	35.02
107	'PD'	8+15.24	40.51

POINT NO.	ALIGNMENT	STATION	OFFSET	ALIGNMENT	STATION	OFFSET	ELEVATION
48	'PD'	7+79.31	-17.11	'C1'	10+16.74	34.70	1234.63
49	'PD'	7+61.98	-24.33	'C1'	10+24.16	17.22	1234.73
50	'PD'	7+54.58	-41.83	'C1'	10+41.73	10.00	1234.83
53	'PD'	7+09.60	-17.11	'C1'	10+17.46	-35.22	1235.07
54	'PD'	7+27.35	-24.53	'C1'	10+24.70	-17.40	1234.81
55	'PD'	7+34.58	-42.36	'C1'	10+42.46	-10.00	1234.60
59	'PD'	7+79.08	-42.11	'C1'	10+41.73	35.00	-
60	'PD'	7+09.58	-42.11	'C1'	10+42.46	-35.00	-
108	'PD'	7+33.84	-116.31	'C1'	11+15.33	-10.26	1234.43
109	'PD'	7+70.16	-156.54	'C1'	11+60.16	-10.44	1234.33
110	'PD'	7+73.84	-116.71	'C1'	11+38.43	28.06	-
111	'PD'	7+54.58	-42.59	'C1'	10+42.49	10.00	1234.82

MATCH EXISTING
STA. 11+54.21'C1'
PT: 11+65.27'C1'
R40'
109
10'
10'
R35'
110
108
PC: 11+11.60'C1'
11'C1'
COMMERCIAL ENTRANCE (U-TURN BUILDING)
CONCRETE CURB AND GUTTER
30-INCH TYPE D
CONCRETE CURB AND GUTTER
30-INCH TYPE D
55
60
54
53
49
48
17'
17'
7'PD'
8'PD'
PT: 8+21.09'PD'
PC: 8+71.62'PD'
PEDERSEN DRIVE
18'
18'
9'PD'
PT: 9+35.32'PD'
PI: 9+68.30'PD'
17'
PEDERSON DRIVE STA. 7+45.00'PD' =
COMMERCIAL ENTRANCE (U-TURN BUILDING)
STA. 10+00.00'C1'
130'
EDGE OF PAVEMENT APPROX.
8' FROM PEDERSON DRIVE FACE OF CURB
91
92
93
94
95
96
97
98
99
100
101
102
103
104
105
106
107
16'
R=22'
R4'
R=30'
FULL GOSPEL CHURCH PARKING LOT
(ASPHALTIC SURFACE DRIVEWAYS AND
FIELD ENTRANCES)
PAVE TO BUILDING FACE
BETWEEN POINT 92 & 93
58
42
R10'
89
88
45
46
R40'
57
47
N24° 04' 43"E
818
817
816
89.68'
77°42'44"
N. INDUSTRIAL DRIVE
USH 63
2'
12'
12'
12'
5'
12'
12'
12'
3'
4'
5'

PROJECT NO: 1560-31-71	HWY: USH 63	COUNTY: WASHBURN	PEDERSEN DR./N. INDUSTRIAL DR. - INTERSECTION LAYOUT DETAIL	SHEET /	E

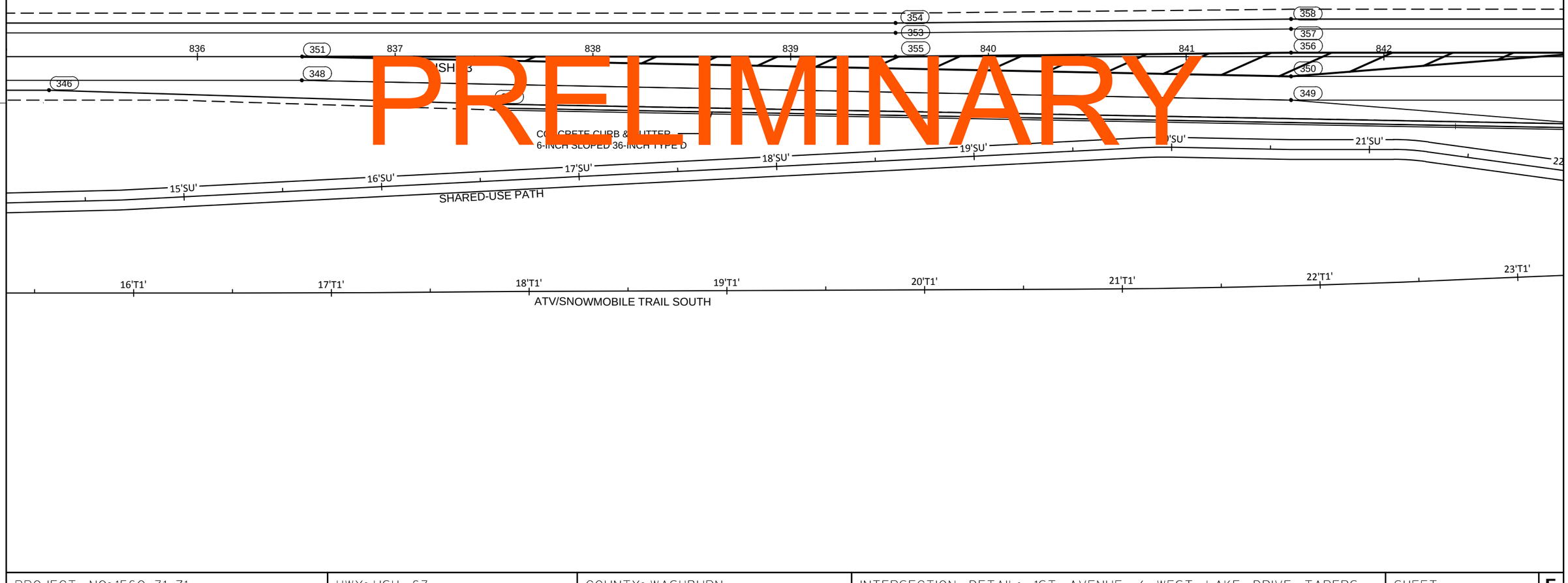
FILE NAME : \\NWBESERVER\DRAWINGS\NWBE_PROJECTS\DESIGN\1101_SHELL_LAKE_SS\C3D_12\021101_ID_NEW_SCOPE.DWG
PLOT DATE : 9/3/2008 9:36 AM
PLOT BY : GARY COLBERT
PLOT NAME : ----------
WISDOT/CADDS SHEET 42

2

POINT NO.	ALIGNMENT	STATION	OFFSET	ELEVATION
346	USH 63	835+25.02	17.00	-
347	USH 63	837+50.01	23.94	1,249.52
348	USH 63	836+52.90	12.00	-
349	USH 63	841+53.06	22.00	-
350	USH 63	841+53.06	10.00	-
351	USH 63	836+53.06	0.00	-
353	USH 63	839+53.06	-12	-
354	USH 63	839+53.06	-17	-
355	USH 63	839+53.06	0.001	-
356	USH 63	841+53.06	-2	-
357	USH 63	841+53.06	-14	-
358	USH 63	841+53.06	-19	-

SCALE, FEET

0 50' 100'

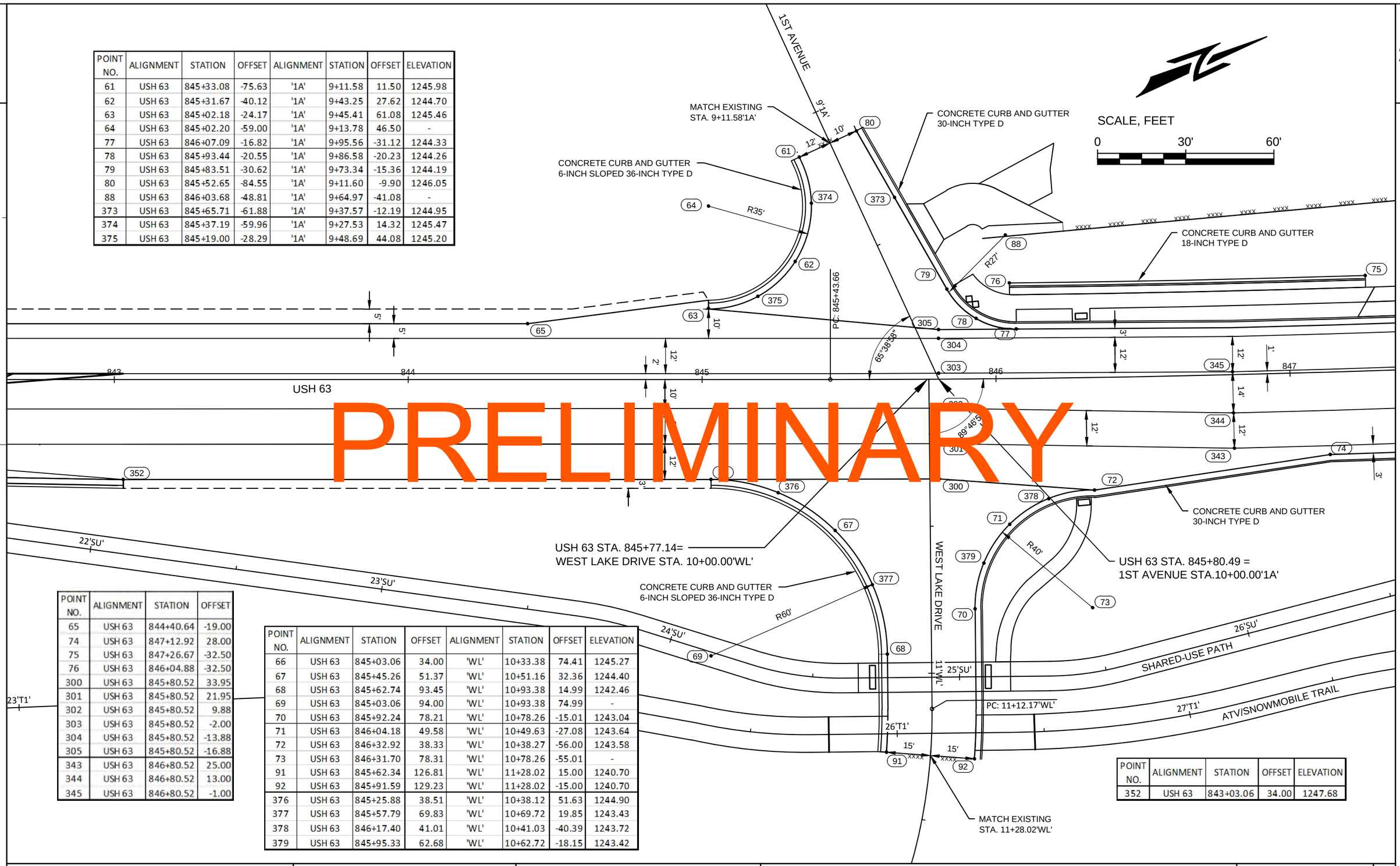


PRELIMINARY

PROJECT NO: 1560-31-71	HWY: USH 63	COUNTY: WASHBURN	INTERSECTION DETAIL: 1ST AVENUE / WEST LAKE DRIVE TAPERS	SHEET _____	E

2

POINT NO.	ALIGNMENT	STATION	OFFSET	ALIGNMENT	STATION	OFFSET	ELEVATION
61	USH 63	845+33.08	-75.63	'1A'	9+11.58	11.50	1245.98
62	USH 63	845+31.67	-40.12	'1A'	9+43.25	27.62	1244.70
63	USH 63	845+02.18	-24.17	'1A'	9+45.41	61.08	1245.46
64	USH 63	845+02.20	-59.00	'1A'	9+13.78	46.50	-
77	USH 63	846+07.09	-16.82	'1A'	9+95.56	-31.12	1244.33
78	USH 63	845+93.44	-20.55	'1A'	9+86.58	-20.23	1244.26
79	USH 63	845+83.51	-30.62	'1A'	9+73.34	-15.36	1244.19
80	USH 63	845+52.65	-84.55	'1A'	9+11.60	-9.90	1246.05
88	USH 63	846+03.68	-48.81	'1A'	9+64.97	-41.08	-
373	USH 63	845+65.71	-61.88	'1A'	9+37.57	-12.19	1244.95
374	USH 63	845+37.19	-59.96	'1A'	9+27.53	14.32	1245.47
375	USH 63	845+19.00	-28.29	'1A'	9+48.69	44.08	1245.20



PRELIMINARY

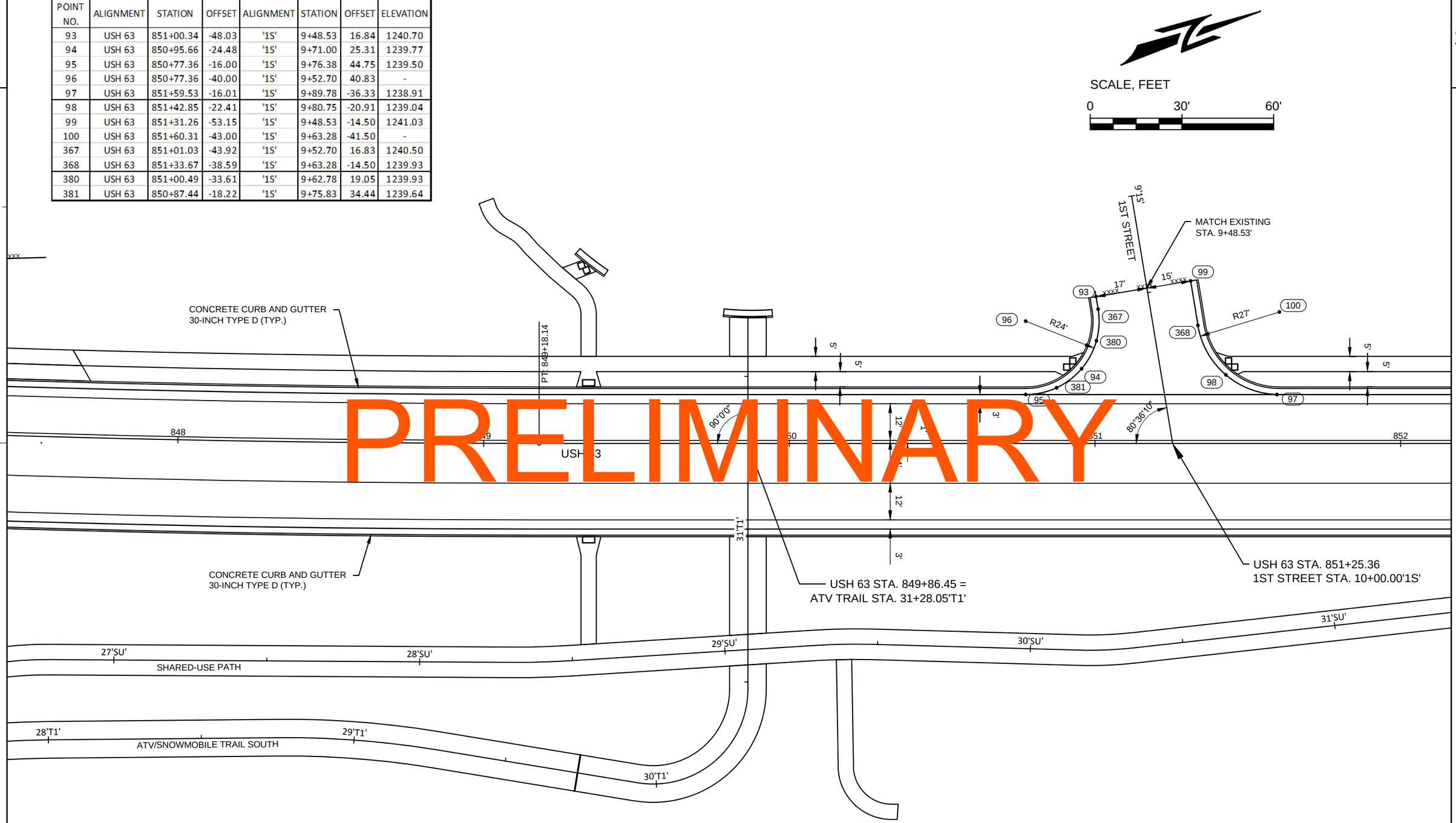
POINT NO.	ALIGNMENT	STATION	OFFSET
65	USH 63	844+40.64	-19.00
74	USH 63	847+12.92	28.00
75	USH 63	847+26.67	-32.50
76	USH 63	846+04.88	-32.50
300	USH 63	845+80.52	33.95
301	USH 63	845+80.52	21.95
302	USH 63	845+80.52	9.88
303	USH 63	845+80.52	-2.00
304	USH 63	845+80.52	-13.88
305	USH 63	845+80.52	-16.88
343	USH 63	846+80.52	25.00
344	USH 63	846+80.52	13.00
345	USH 63	846+80.52	-1.00

POINT NO.	ALIGNMENT	STATION	OFFSET	ALIGNMENT	STATION	OFFSET	ELEVATION
66	USH 63	845+03.06	34.00	'WL'	10+33.38	74.41	1245.27
67	USH 63	845+45.26	51.37	'WL'	10+51.16	32.36	1244.40
68	USH 63	845+62.74	93.45	'WL'	10+93.38	14.99	1242.46
69	USH 63	845+03.06	94.00	'WL'	10+93.38	74.99	-
70	USH 63	845+92.24	78.21	'WL'	10+78.26	-15.01	1243.04
71	USH 63	846+04.18	49.58	'WL'	10+49.63	-27.08	1243.64
72	USH 63	846+32.92	38.33	'WL'	10+38.27	-56.00	1243.58
73	USH 63	846+31.70	78.31	'WL'	10+78.26	-55.01	-
91	USH 63	845+62.34	126.81	'WL'	11+28.02	15.00	1240.70
92	USH 63	845+91.59	129.23	'WL'	11+28.02	-15.00	1240.70
376	USH 63	845+25.88	38.51	'WL'	10+38.12	51.63	1244.90
377	USH 63	845+57.79	69.83	'WL'	10+69.72	19.85	1243.43
378	USH 63	846+17.40	41.01	'WL'	10+41.03	-40.39	1243.72
379	USH 63	845+95.33	62.68	'WL'	10+62.72	-18.15	1243.42

POINT NO.	ALIGNMENT	STATION	OFFSET	ELEVATION
352	USH 63	843+03.06	34.00	1247.68

PROJECT NO: 1560-31-71	HWY: USH 63	COUNTY: WASHBURN	INTERSECTION DETAIL: 1ST AVENUE / WEST LAKE DRIVE	SHEET _____ E

POINT NO.	ALIGNMENT	STATION	OFFSET	ALIGNMENT	STATION	OFFSET	ELEVATION
93	USH 63	851+00.34	-48.03	'1S'	9+48.53	16.84	1240.70
94	USH 63	850+95.66	-24.48	'1S'	9+71.00	25.31	1239.77
95	USH 63	850+77.36	-16.00	'1S'	9+76.38	44.75	1239.50
96	USH 63	850+77.36	-40.00	'1S'	9+52.70	40.83	-
97	USH 63	851+59.53	-16.01	'1S'	9+89.78	-36.33	1238.91
98	USH 63	851+42.85	-22.41	'1S'	9+80.75	-20.91	1239.04
99	USH 63	851+31.26	-53.15	'1S'	9+48.53	-14.50	1241.03
100	USH 63	851+60.31	-43.00	'1S'	9+63.28	-41.50	-
367	USH 63	851+01.03	-43.92	'1S'	9+52.70	16.83	1240.50
368	USH 63	851+33.67	-38.59	'1S'	9+63.28	-14.50	1239.93
380	USH 63	851+00.49	-33.61	'1S'	9+62.78	19.05	1239.93
381	USH 63	850+87.44	-18.22	'1S'	9+75.83	34.44	1239.64

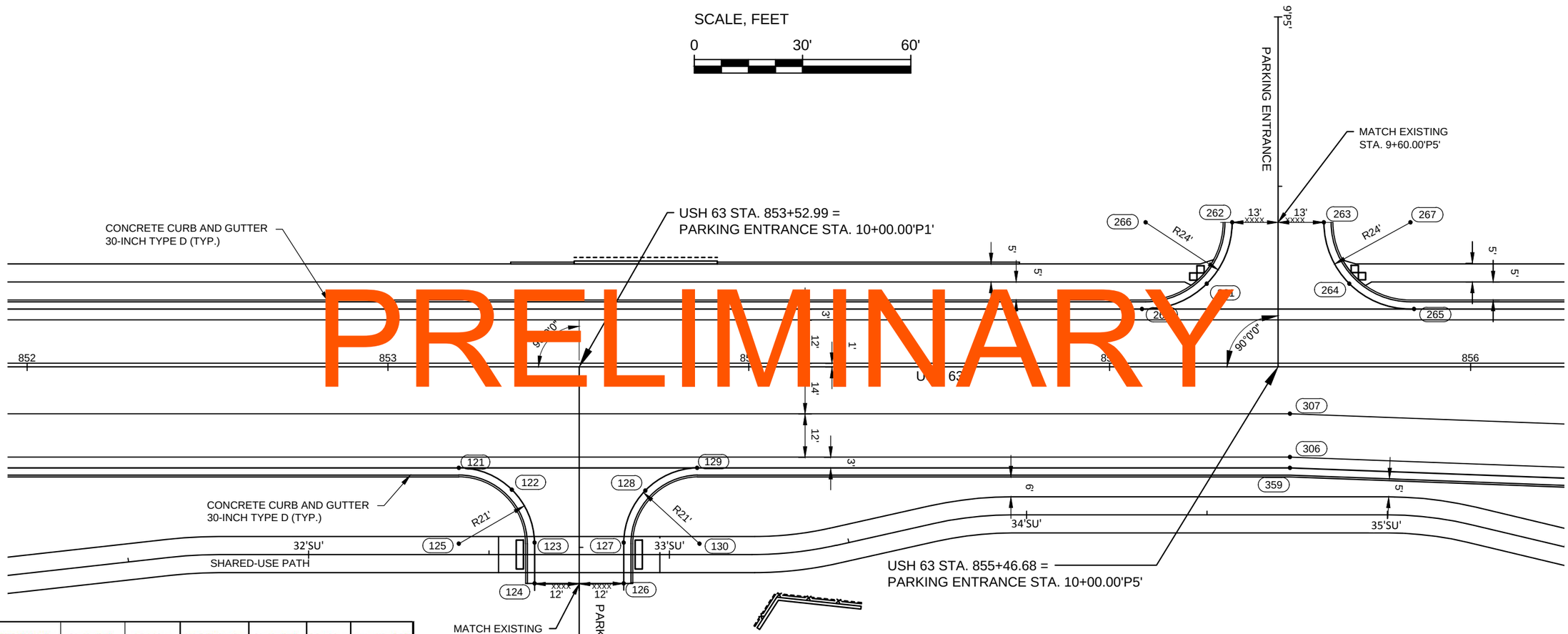


PROJECT NO: 1560-31-71	HWY: USH 63	COUNTY: WASHBURN	INTERSECTION DETAIL: 1ST STREET	SHEET _____	E

POINT NO.	ALIGNMENT	STATION	OFFSET	ALIGNMENT	STATION	OFFSET	ELEVATION
260	USH 63	855+08.98	-16.00	'P5'	9+84.00	37.70	1238.80
261	USH 63	855+26.95	-23.03	'P5'	9+76.97	19.73	1238.64
262	USH 63	855+33.97	-40.00	'P5'	9+60.00	12.70	1240.28
263	USH 63	855+59.38	-40.00	'P5'	9+60.00	-12.70	1240.11
264	USH 63	855+66.41	-23.03	'P5'	9+76.97	-19.73	1238.76
265	USH 63	855+84.38	-16.00	'P5'	9+84.00	-37.70	1238.56
266	USH 63	855+09.98	-40.00	'P5'	9+60.00	36.70	-
267	USH 63	855+83.38	-40.00	'P5'	9+60.00	-36.70	-

SCALE, FEET

0 30' 60'



PRELIMINARY

POINT NO.	ALIGNMENT	STATION	OFFSET	ALIGNMENT	STATION	OFFSET	ELEVATION
121	USH 63	853+19.64	28.00	'P1'	10+28.00	33.35	1238.21
122	USH 63	853+34.37	34.03	'P1'	10+34.03	18.62	1238.09
123	USH 63	853+40.63	48.67	'P1'	10+48.67	12.35	1237.60
124	USH 63	853+40.63	60.00	'P1'	10+60.00	12.35	1237.03
125	USH 63	853+19.64	49.00	'P1'	10+49.00	33.35	-
126	USH 63	853+65.34	60.00	'P1'	10+60.00	-12.35	1237.39
127	USH 63	853+65.34	48.67	'P1'	10+48.67	-12.35	1237.89
128	USH 63	853+71.37	34.27	'P1'	10+34.27	-18.38	1238.19
129	USH 63	853+85.67	28.01	'P1'	10+28.01	-32.69	1238.38
130	USH 63	853+86.34	49.00	'P1'	10+49.00	-33.35	-

POINT NO.	ALIGNMENT	STATION	OFFSET	ELEVATION
306	USH 63	855+50.00	25.00	-
307	USH 63	855+50.00	13.00	-
359	USH 63	855+50.00	28.00	1238.41

PROJECT NO: 1560-31-71	HWY: USH 63	COUNTY: WASHBURN	INTERSECTION DETAIL: PARKING ENTRANCES 'P1' AND 'P5'	SHEET _____ E

POINT NO.	ALIGNMENT	STATION	OFFSET	ELEVATION
160	USH 63	856+89.94	2.00	-
161	USH 63	856+30.32	2.50	-
162	USH 63	856+77.55	-36.00	-
268	USH 63	856+90.88	4.85	1237.81
269	USH 63	856+30.24	6.00	1238.28
270	USH 63	856+30.18	-1.00	1238.40
271	USH 63	856+75.61	-1.00	1238.04
272	USH 63	856+77.55	7.00	1237.87
273	USH 63	856+89.94	-1.00	1237.93

POINT NO.	ALIGNMENT	STATION	OFFSET	ALIGNMENT	STATION	OFFSET	ELEVATION
101	USH 63	856+95.35	-57.78	'4A'	9+30.54	19.10	1239.30
102	USH 63	856+98.65	-24.64	'4A'	9+62.73	27.67	1238.27
103	USH 63	856+81.46	-16.00	'4A'	9+64.74	46.97	1238.13
105	USH 63	857+68.43	-16.00	'4A'	9+96.95	-34.59	1237.94
106	USH 63	857+54.75	-20.22	'4A'	9+87.74	-23.47	1238.01
107	USH 63	857+45.76	-31.43	'4A'	9+73.91	-19.30	1238.12
108	USH 63	857+68.43	-41.00	'4A'	9+73.91	-44.30	-
109	USH 63	857+29.98	-71.66	'4A'	9+30.54	-19.30	1239.64
110	USH 63	856+82.45	-36.00	'4A'	9+46.32	39.10	-
369	USH 63	857+00.80	-43.02	'4A'	9+46.32	19.10	1238.76

POINT NO.	ALIGNMENT	STATION	OFFSET	ALIGNMENT	STATION	OFFSET	ELEVATION
131	USH 63	858+59.12	28.00	'P3'	10+28.37	39.22	1237.05
132	USH 63	858+77.95	35.22	'P3'	10+35.30	20.60	1237.17
133	USH 63	858+86.84	53.09	'P3'	10+49.87	12.96	1237.39
134	USH 63	859+14.77	35.27	'P3'	10+35.30	-15.54	1237.24
135	USH 63	858+93.59	72.34	'P3'	10+62.28	16.87	1237.54
136	USH 63	859+16.36	52.25	'P3'	10+65.08	-12.84	1237.55
137	USH 63	858+59.66	54.82	'P3'	10+48.09	39.19	-
139	USH 63	859+25.63	57.35	'P3'	10+83.35	-10.00	1237.85
140	USH 63	859+27.72	42.35	'P3'	10+85.82	-24.93	-
141	USH 63	859+27.68	28.00	'P3'	10+28.18	-28.33	1237.54
370	USH 63	859+10.11	75.93	'P3'	10+71.93	10.94	1237.82

POINT NO.	ALIGNMENT	STATION	OFFSET
306	USH 63	855+50.00	25.00
307	USH 63	855+50.00	13.00
308	USH 63	856+57.00	29.00
309	USH 63	856+57.00	17.00
310	USH 63	858+07.00	13.00
311	USH 63	858+07.00	25.00
312	USH 63	857+00.00	17.04
313	USH 63	857+00.00	29.00
315	USH 63	859+46.86	13.00
316	USH 63	859+46.86	25.00

SCALE, FEET
0 30' 60'

USH 63 STA. 857+37.73=
4TH AVENUE STA. 10+00.00'4A'

MATCH EXISTING
9+30.54'4A'

USH 63 STA. 855+50.00 =
PARKING ENTRANCE STA. 10+00.00'P5'

CONCRETE CURB & GUTTER
4-INCH SLOPED 36-INCH TYPE R

USH 63 STA. 858+98.94=
PARKING ENTRANCE
STA. 10+00.00'P3'

CONCRETE CURB & GUTTER
30-INCH TYPE D (TYP.)

CONCRETE CURB AND GUTTER
20-INCH TYPE J SPECIAL

CONCRETE CURB AND GUTTER
30-INCH TYPE D (TYP.)

USH 63 STA. 857+16.09=
PARKING ENTRANCE STA. 10+00.00'P2'

MATCH EXISTING
STA 10+65'P2'

PARKING ENTRANCE
PARKING ENTRANCE
4TH AVENUE
USH 63
SHARED-USE PATH
PC: 856+75.61

POINT NO.	ALIGNMENT	STATION	OFFSET	ALIGNMENT	STATION	OFFSET	ELEVATION
111	USH 63	856+82.01	32.00	'P2'	10+32.42	33.40	1237.34
112	USH 63	856+97.30	38.22	'P2'	10+38.38	18.29	1237.10
113	USH 63	857+03.54	51.46	'P2'	10+51.54	12.04	1236.87
114	USH 63	857+03.67	64.96	'P2'	10+65.04	11.77	1236.64
115	USH 63	856+82.01	53.00	'P2'	10+53.41	32.95	-
116	USH 63	857+28.52	64.96	'P2'	10+64.96	-12.23	1236.08
117	USH 63	857+28.58	52.13	'P2'	10+52.13	-12.32	1236.44
118	USH 63	857+34.61	37.37	'P2'	10+37.39	-18.29	1236.77
119	USH 63	857+49.39	30.89	'P2'	10+31.06	-32.86	1236.86
120	USH 63	857+50.16	51.88	'P2'	10+52.05	-33.32	-

LEGEND
REVERSE SLOPE GUTTER

PRELIMINARY

PROJECT NO: 1560-31-71	HWY: USH 63	COUNTY: WASHBURN	INTERSECTION DETAIL: 4TH AVENUE/PARKING ENTRANCES 'P2' & 'P3'	SHEET _____	E

FILE NAME : \\NWBESERVER\DRAWINGS\NWBE_PROJECTS\DESIGN\1101_SHELL_LAKE_SS\C3D_12\021102_ID.DWG
PLOT DATE : 9/3/2008 9:36 AM
PLOT BY : USER
PLOT NAME : ----------
WISDOT/CADDS SHEET 42

2

POINT NO.	ALIGNMENT	STATION	OFFSET	ELEVATION
163	USH 63	860+19.39	2.50	-
165	USH 63	860+74.64	2.09	-
274	USH 63	860+19.24	6.00	1238.71
275	USH 63	860+19.34	-1.00	1238.88
276	USH 63	860+46.85	-1.00	1238.96
277	USH 63	860+74.63	-1.02	1238.94
278	USH 63	860+75.52	4.85	1238.80
279	USH 63	860+61.91	7.00	1238.76
280	USH 63	860+62.08	-36.88	-
299	USH 63	860+46.86	7.00	1238.77

POINT NO.	ALIGNMENT	STATION	OFFSET	ALIGNMENT	STATION	OFFSET	ELEVATION
164	USH 63	860+67.56	-32.00	'5A'	9+33.21	44.83	-
168	USH 63	860+67.56	-16.00	'5A'	9+46.79	53.28	1239.32
169	USH 63	860+83.29	-32.46	'5A'	9+41.32	31.03	1239.39
170	USH 63	860+79.33	-42.95	'5A'	9+30.29	28.85	1239.44
171	USH 63	861+43.12	-51.18	'5A'	9+58.26	-29.70	1238.54
172	USH 63	861+57.10	-29.71	'5A'	9+83.89	-29.75	1238.35
173	USH 63	861+67.91	-19.64	'5A'	9+98.21	-33.34	1238.21
174	USH 63	861+83.23	-16.00	'5A'	-	-	1237.96
178	USH 63	861+82.23	-46.00	'5A'	9+83.89	-59.70	-
385	USH 63	860+81.37	-24.28	'5A'	9+47.19	37.06	1239.30

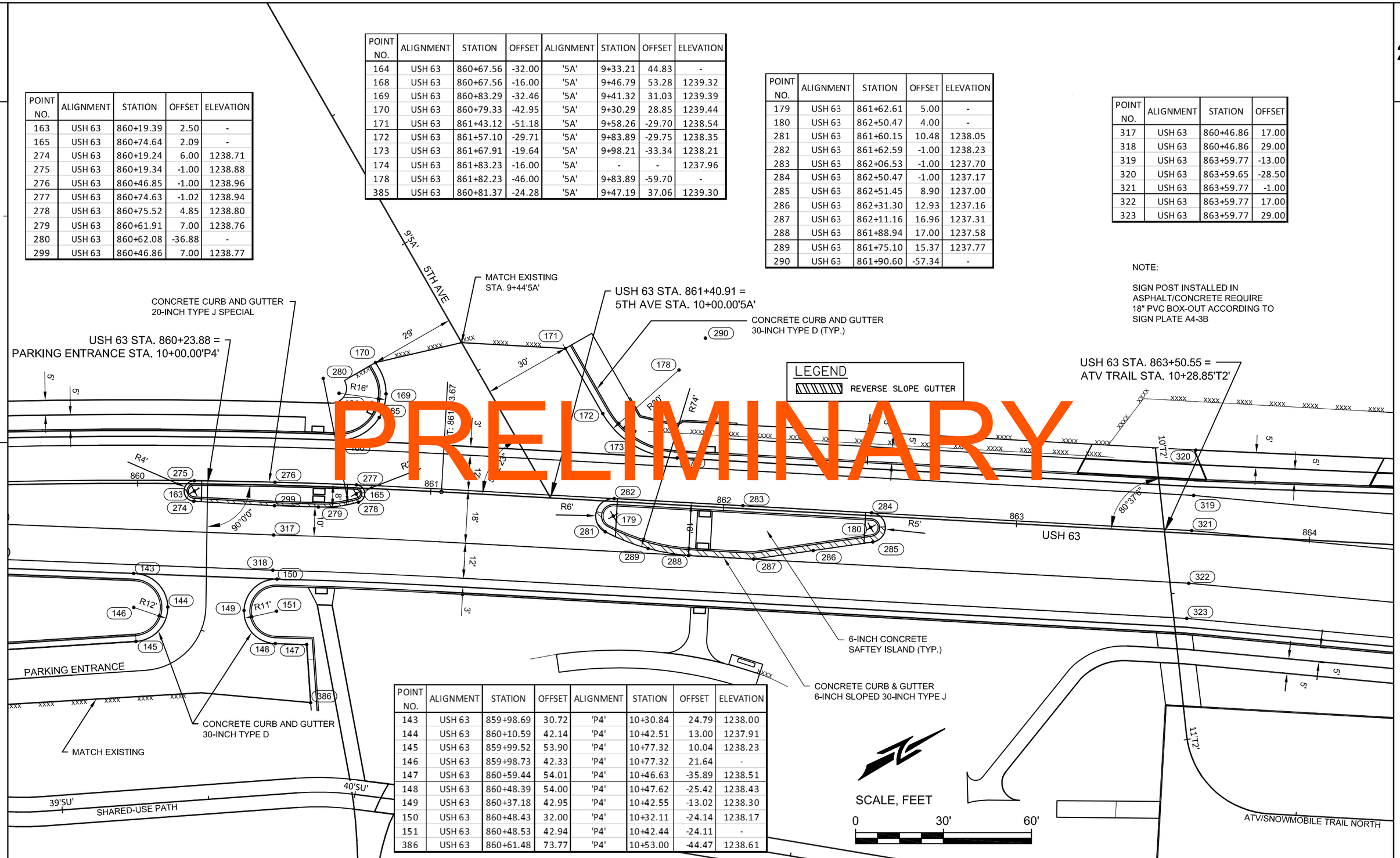
POINT NO.	ALIGNMENT	STATION	OFFSET	ELEVATION
179	USH 63	861+62.61	5.00	-
180	USH 63	862+50.47	4.00	-
281	USH 63	861+60.15	10.48	1238.05
282	USH 63	861+62.59	-1.00	1238.23
283	USH 63	862+06.53	-1.00	1237.70
284	USH 63	862+50.47	-1.00	1237.17
285	USH 63	862+51.45	8.90	1237.00
286	USH 63	862+31.30	12.93	1237.16
287	USH 63	862+11.16	16.96	1237.31
288	USH 63	861+88.94	17.00	1237.58
289	USH 63	861+75.10	15.37	1237.77
290	USH 63	861+90.60	-57.34	-

POINT NO.	ALIGNMENT	STATION	OFFSET
317	USH 63	860+46.86	17.00
318	USH 63	860+46.86	29.00
319	USH 63	863+59.77	-13.00
320	USH 63	863+59.65	-28.50
321	USH 63	863+59.77	-1.00
322	USH 63	863+59.77	17.00
323	USH 63	863+59.77	29.00

NOTE:

SIGN POST INSTALLED IN ASPHALT/CONCRETE REQUIRE 18" PVC BOX-OUT ACCORDING TO SIGN PLATE A4-3B

PRELIMINARY



POINT NO.	ALIGNMENT	STATION	OFFSET	ALIGNMENT	STATION	OFFSET	ELEVATION
143	USH 63	859+98.69	30.72	'P4'	10+30.84	24.79	1238.00
144	USH 63	860+10.59	42.14	'P4'	10+42.51	13.00	1237.91
145	USH 63	859+99.52	53.90	'P4'	10+77.32	10.04	1238.23
146	USH 63	859+98.73	42.33	'P4'	10+77.32	21.64	-
147	USH 63	860+59.44	54.01	'P4'	10+46.63	-35.89	1238.51
148	USH 63	860+48.39	54.00	'P4'	10+47.62	-25.42	1238.43
149	USH 63	860+37.18	42.95	'P4'	10+42.55	-13.02	1238.30
150	USH 63	860+48.43	32.00	'P4'	10+32.11	-24.14	1238.17
151	USH 63	860+48.53	42.94	'P4'	10+42.44	-24.11	-
386	USH 63	860+61.48	73.77	'P4'	10+53.00	-44.47	1238.61

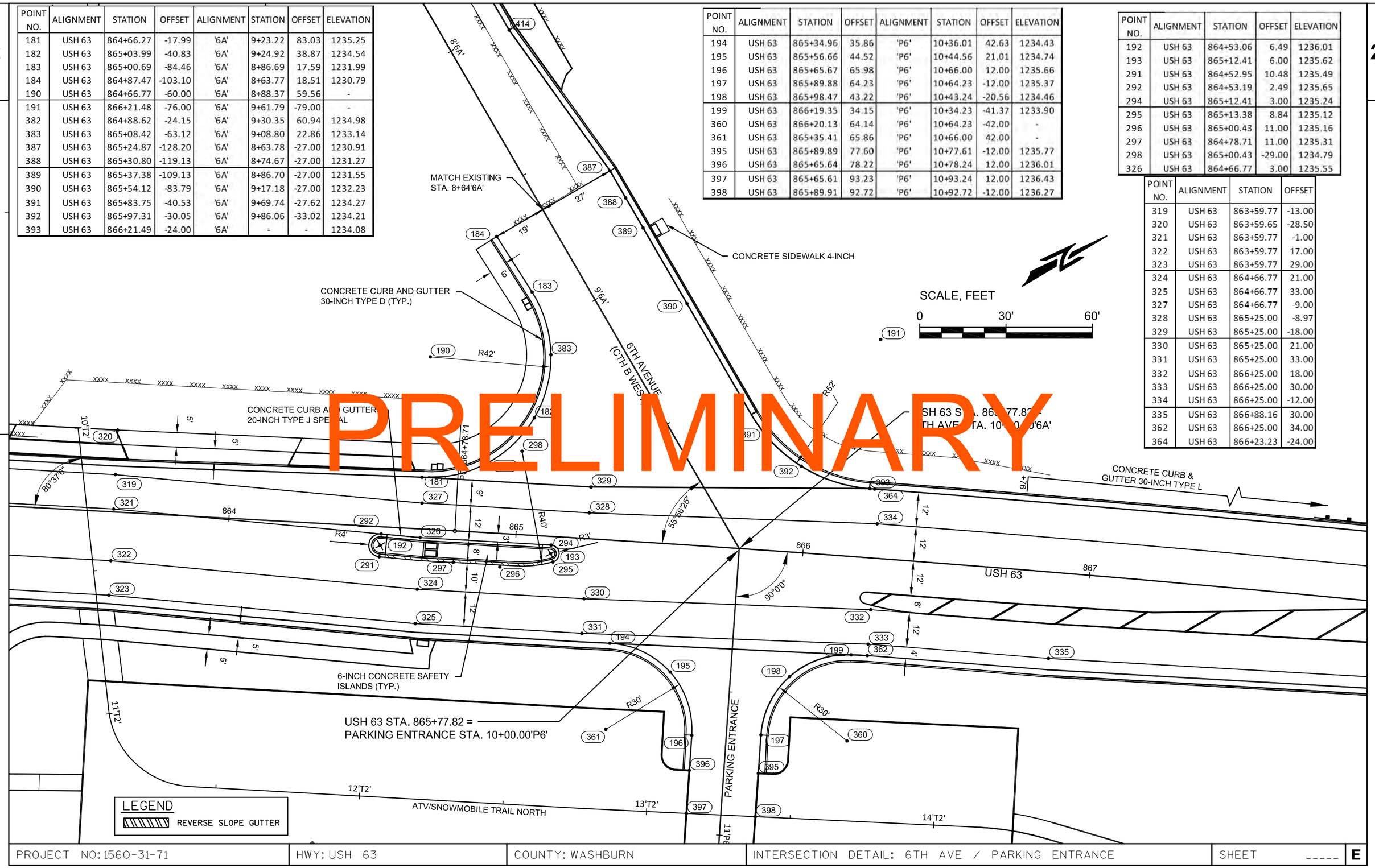
PROJECT NO: 1560-31-71	HWY: USH 63	COUNTY: WASHBURN	INTERSECTION DETAIL: 5TH AVE AND PARKING ENTRANCES	SHEET _____ E

POINT NO.	ALIGNMENT	STATION	OFFSET	ALIGNMENT	STATION	OFFSET	ELEVATION
181	USH 63	864+66.27	-17.99	'6A'	9+23.22	83.03	1235.25
182	USH 63	865+03.99	-40.83	'6A'	9+24.92	38.87	1234.54
183	USH 63	865+00.69	-84.46	'6A'	8+86.69	17.59	1231.99
184	USH 63	864+87.47	-103.10	'6A'	8+63.77	18.51	1230.79
190	USH 63	864+66.77	-60.00	'6A'	8+88.37	59.56	-
191	USH 63	866+21.48	-76.00	'6A'	9+61.79	-79.00	-
382	USH 63	864+88.62	-24.15	'6A'	9+30.35	60.94	1234.98
383	USH 63	865+08.42	-63.12	'6A'	9+08.80	22.86	1233.14
387	USH 63	865+24.87	-128.20	'6A'	8+63.78	-27.00	1230.91
388	USH 63	865+30.80	-119.13	'6A'	8+74.67	-27.00	1231.27
389	USH 63	865+37.38	-109.13	'6A'	8+86.70	-27.00	1231.55
390	USH 63	865+54.12	-83.79	'6A'	9+17.18	-27.00	1232.23
391	USH 63	865+83.75	-40.53	'6A'	9+69.74	-27.62	1234.27
392	USH 63	865+97.31	-30.05	'6A'	9+86.06	-33.02	1234.21
393	USH 63	866+21.49	-24.00	'6A'	-	-	1234.08

POINT NO.	ALIGNMENT	STATION	OFFSET	ALIGNMENT	STATION	OFFSET	ELEVATION
194	USH 63	865+34.96	35.86	'P6'	10+36.01	42.63	1234.43
195	USH 63	865+56.66	44.52	'P6'	10+44.56	21.01	1234.74
196	USH 63	865+65.67	65.98	'P6'	10+66.00	12.00	1235.66
197	USH 63	865+89.88	64.23	'P6'	10+64.23	-12.00	1235.37
198	USH 63	865+98.47	43.22	'P6'	10+43.24	-20.56	1234.46
199	USH 63	866+19.35	34.15	'P6'	10+34.23	-41.37	1233.90
360	USH 63	866+20.13	64.14	'P6'	10+64.23	-42.00	-
361	USH 63	865+35.41	65.86	'P6'	10+66.00	42.00	-
395	USH 63	865+89.89	77.60	'P6'	10+77.61	-12.00	1235.77
396	USH 63	865+65.64	78.22	'P6'	10+78.24	12.00	1236.01
397	USH 63	865+65.61	93.23	'P6'	10+93.24	12.00	1236.43
398	USH 63	865+89.91	92.72	'P6'	10+92.72	-12.00	1236.27

POINT NO.	ALIGNMENT	STATION	OFFSET	ELEVATION
192	USH 63	864+53.06	6.49	1236.01
193	USH 63	865+12.41	6.00	1235.62
291	USH 63	864+52.95	10.48	1235.49
292	USH 63	864+53.19	2.49	1235.65
294	USH 63	865+12.41	3.00	1235.24
295	USH 63	865+13.38	8.84	1235.12
296	USH 63	865+00.43	11.00	1235.16
297	USH 63	864+78.71	11.00	1235.31
298	USH 63	865+00.43	-29.00	1234.79
326	USH 63	864+66.77	3.00	1235.55

POINT NO.	ALIGNMENT	STATION	OFFSET
319	USH 63	863+59.77	-13.00
320	USH 63	863+59.65	-28.50
321	USH 63	863+59.77	-1.00
322	USH 63	863+59.77	17.00
323	USH 63	863+59.77	29.00
324	USH 63	864+66.77	21.00
325	USH 63	864+66.77	33.00
327	USH 63	864+66.77	-9.00
328	USH 63	865+25.00	-8.97
329	USH 63	865+25.00	-18.00
330	USH 63	865+25.00	21.00
331	USH 63	865+25.00	33.00
332	USH 63	866+25.00	18.00
333	USH 63	866+25.00	30.00
334	USH 63	866+25.00	-12.00
335	USH 63	866+88.16	30.00
362	USH 63	866+25.00	34.00
364	USH 63	866+23.23	-24.00



PRELIMINARY

PROJECT NO: 1560-31-71	HWY: USH 63	COUNTY: WASHBURN	INTERSECTION DETAIL: 6TH AVE / PARKING ENTRANCE	SHEET _____	E

2

POINT NO.	ALIGNMENT	STATION	OFFSET
402	USH 63	862+80.61	-130.40
403	USH 63	863+10.23	-129.79
404	USH 63	863+11.46	-159.37
405	USH 63	863+41.35	-157.90
406	USH 63	863+42.10	-127.92
407	USH 63	863+44.54	-127.86
408	USH 63	863+44.49	-74.21
409	USH 63	863+18.43	-73.66

POINT NO.	ALIGNMENT	STATION	OFFSET
414	'6A'	8+03.77	-21.25
415	'6A'	6+90.39	-21.06

SCALE, FEET

0 30' 60'

PRELIMINARY

MATCH EXISTING
CURB & GUTTER 30-INCH TYPE D

CONCRETE CURB AND GUTTER
30-INCH TYPE D (TYP.)

3" ASPHALTIC SURFACE FOR
DRIVEWAYS AND FIELD ENTRANCES

BODY SHOP 24/7 FITNESS
(3401 SF) PARKING AREA

6TH AVENUE
(CTH B (WEST))

7'6A'

9'6A'

8'6A'

30'

84'

68'

26'

27'

19'

9'

R42'

R52'

10'T.L.

5'

864+78.71

404 405 402 403 406 407 409 408 415 414 387 388 389 184 183 390 191 190 383 182 298 391 320

PROJECT NO: 1560-31-71	HWY: USH 63	COUNTY: WASHBURN	INTERSECTION DETAIL: 6TH AVE PARKING	SHEET _____	E

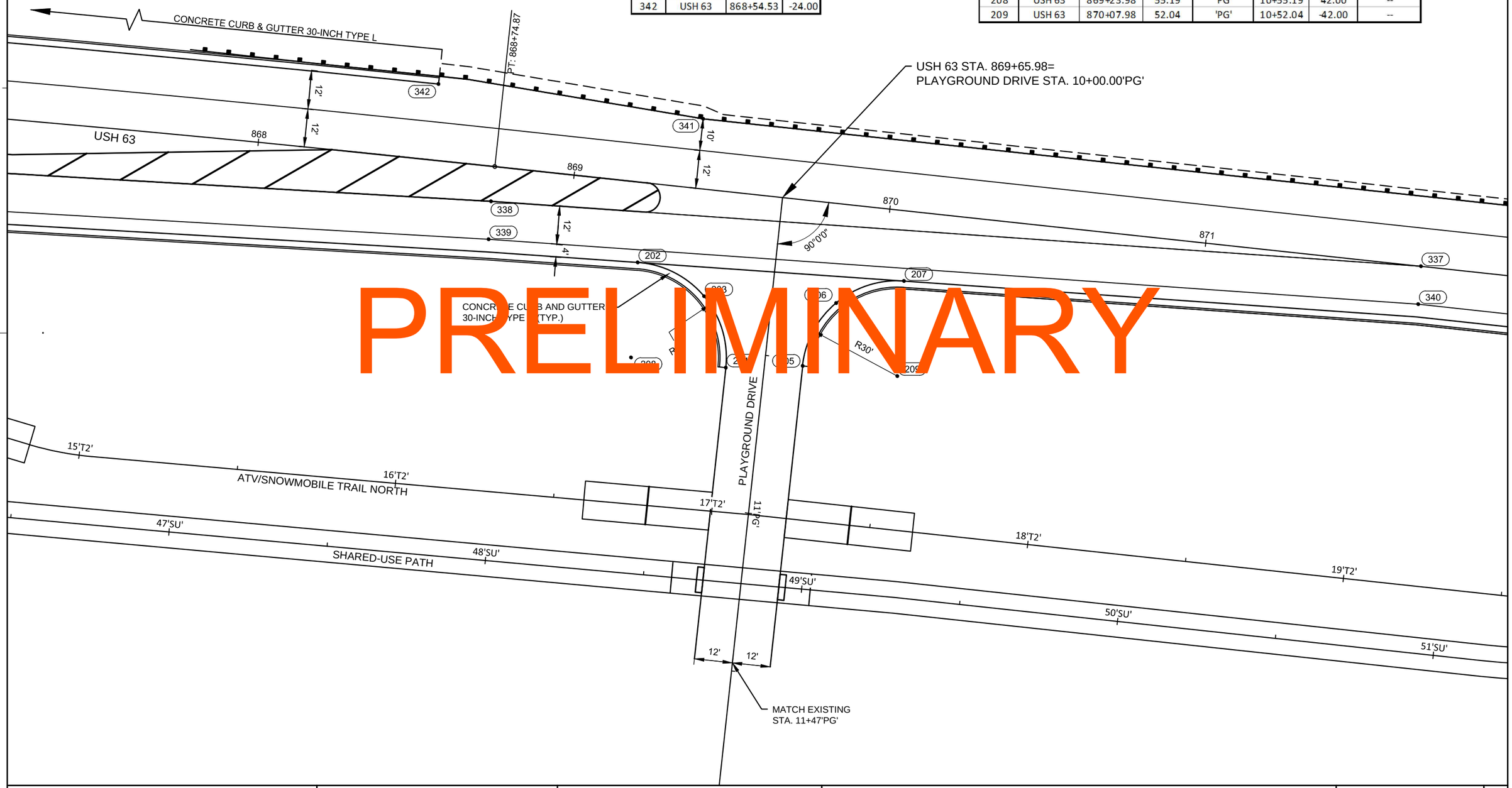
2

SCALE, FEET

0 30' 60'

POINT NO.	ALIGNMENT	STATION	OFFSET
337	USH 63	871+68.17	0.00
338	USH 63	868+74.87	11.00
339	USH 63	868+75.40	22.99
340	USH 63	871+68.62	11.99
341	USH 63	869+38.50	-22.00
342	USH 63	868+54.53	-24.00

POINT NO.	ALIGNMENT	STATION	OFFSET	ALIGNMENT	STATION	OFFSET	ELEVATION
202	USH 63	869+22.85	25.21	'PG'	10+25.21	43.12	1232.80
203	USH 63	869+44.79	33.58	'PG'	10+33.58	21.19	1233.22
204	USH 63	869+53.98	55.19	'PG'	10+55.19	12.00	1234.55
205	USH 63	869+77.98	52.04	'PG'	10+52.04	-12.00	1,234.310
206	USH 63	869+86.37	31.23	'PG'	10+31.23	-20.39	1233.50
207	USH 63	870+06.85	22.06	'PG'	10+22.06	-40.88	1233.23
208	USH 63	869+23.98	55.19	'PG'	10+55.19	42.00	--
209	USH 63	870+07.98	52.04	'PG'	10+52.04	-42.00	--



PRELIMINARY

PROJECT NO: 1560-31-71	HWY: USH 63	COUNTY: WASHBURN	INTERSECTION DETAIL: PLAYGROUND DRIVE	SHEET _____	E

POINT NO.	ALIGNMENT	STATION	OFFSET	ALIGNMENT	STATION	OFFSET	ELEVATION
210	USH 63	873+95.95	16.00	'PC'	10+16.00	42.00	1235.80
211	USH 63	874+17.17	24.79	'PC'	10+24.79	20.79	1236.13
212	USH 63	874+25.95	46.00	'PC'	10+46.00	12.00	1236.46
213	USH 63	874+49.95	46.00	'PC'	10+46.00	-12.00	1236.58
214	USH 63	874+58.74	24.79	'PC'	10+24.79	-20.79	1236.48
215	USH 63	874+79.95	16.00	'PC'	10+16.00	-42.00	1236.81
216	USH 63	873+95.95	46.00	'PC'	10+46.00	42.00	-
217	USH 63	874+79.95	46.00	'PC'	10+46.00	-42.00	-

POINT NO.	ALIGNMENT	STATION	OFFSET
365	USH 63	875+07.20	-24.00
366	USH 63	875+67.20	-20.00
399	USH 63	878+32.18	16.00

POINT NO.	ALIGNMENT	STATION	OFFSET	ELEVATION
218	USH 63	875+94.71	-24.77	1238.56
219	USH 63	876+70.12	-30.84	1238.76
220	USH 63	876+78.71	-42.50	1238.83
221	USH 63	876+93.46	-58.91	1238.93
222	USH 63	877+14.68	-65.00	1239.04
223	USH 63	877+43.96	-65.00	1239.20
224	USH 63	877+71.47	-75.96	1239.49
225	USH 63	877+83.90	-102.84	-
226	USH 63	877+20.00	-20.00	1239.50
230	USH 63	877+20.00	-25.00	1239.75
231	USH 64	877+20.00	-30.00	1239.36
232	USH 65	876+57.94	-23.00	1239.24
233	USH 66	876+42.74	-60.00	-
234	USH 67	877+14.68	-25.00	1239.43
235	USH 68	877+43.96	-105.00	-
421	USH 63	876+80.12	29.00	1239.24
422	USH 63	877+15.12	29.00	1239.44
423	USH 63	875+94.71	-20.00	1238.13

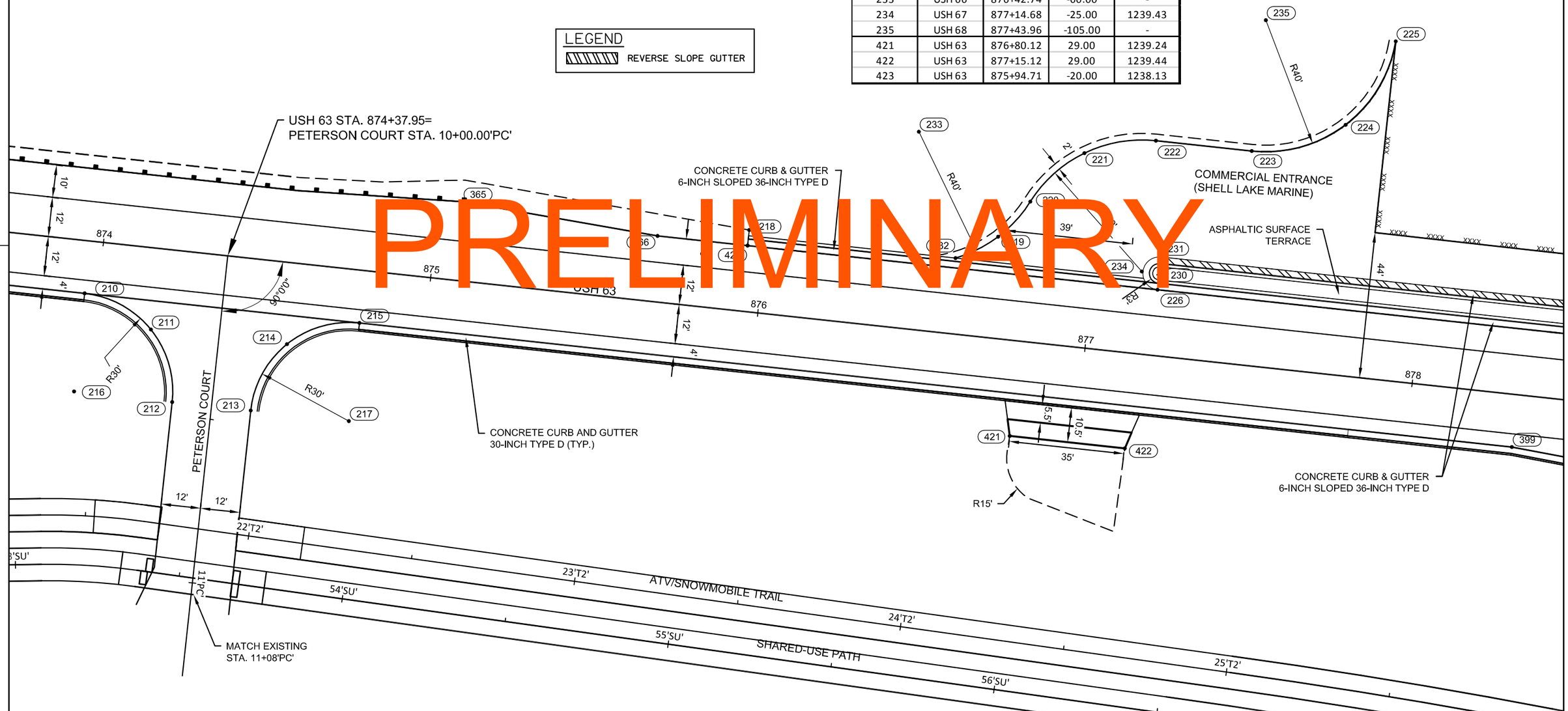
LEGEND

REVERSE SLOPE GUTTER

SCALE, FEET

0 30' 60'

PRELIMINARY



PROJECT NO: 1560-31-71	HWY: USH 63	COUNTY: WASHBURN	INTERSECTION DETAIL: PETERSON COURT	SHEET _____	E

2

POINT NO.	ALIGNMENT	STATION	OFFSET	ELEVATION
227	USH 63	879+11.20	-30.00	1240.85
228	USH 63	879+11.20	-25.00	1241.30
229	USH 63	879+11.20	-20.00	1241.01
400	USH 63	879+32.18	24.00	1241.05
417	USH 63	878+94.82	-43.86	-
418	USH 63	879+02.67	-75.00	-
419	USH 63	879+55.70	-75.00	-
420	USH 63	879+60.20	-23.00	1241.65
424	USH 63	880+54.10	-20.00	1241.65

POINT NO.	ALIGNMENT	STATION	OFFSET	ALIGNMENT	STATION	OFFSET	ELEVATION
252	USH 63	881+32.18	24.00	'B'	10+02.40	59.30	1241.81
253	USH 63	881+71.56	36.13	'B'	10+28.13	27.13	1241.58
254	USH 63	881+97.29	68.30	'B'	10+67.51	15.00	1240.71
255	USH 63	882+30.96	71.88	'B'	10+83.20	-15.00	1240.32
256	USH 63	882+34.58	39.34	'B'	10+54.25	-30.32	1241.51
257	USH 63	882+63.51	24.00	'B'	10+50.61	-62.86	1241.98
258	USH 63	881+32.18	94.00	'B'	10+67.51	85.00	-
259	USH 63	882+63.55	59.04	'B'	10+83.21	-50.04	-

LEGEND

REVERSE SLOPE GUTTER

CONCRETE CURB AND GUTTER
6-INCH SLOPED 36-INCH TYPE D

CONCRETE CURB AND GUTTER
30-INCH TYPE D (TYP.)

USH 63 STA. 881+86.46=
CTH B (EAST) STA. 10+00.00'B'

MATCH EXISTING

MATCH EXISTING
STA. 9+90.28'C2'

MATCH EXISTING
STA. 11+42'B'

ATV/SNOWMOBILE TRAIL NORTH

COMMERCIAL ENTRANCE
(FARLEY AUTO BODY)

SHARED-USE PATH

CTH B
(EAST)

POINT	ALIGNMENT	STATION	OFFSET	ELEVATION
236	'C2'	8+3[illegible]93	12.0[illegible]	
237	'C2'	8+9[illegible]45	12.00	124[illegible]38
238	'C2'	9+60.97	-12.00	1236.55
239	'C2'	9+82.01	-20.61	1235.68
240	'C2'	9+90.96	-41.51	1235.65
241	'C2'	9+89.58	42.49	1235.26
242	'C2'	9+80.98	20.96	1235.31
243	'C2'	9+59.59	12.00	1236.12
244	'C2'	9+30.50	12.00	1237.94
245	'C2'	9+03.89	12.00	1239.50
246	'C2'	8+83.74	19.32	1240.75
247	'C2'	8+76.42	37.00	-
248	'C2'	8+76.42	0.68	1241.30
249	'C2'	9+60.97	-42.00	-
250	'C2'	9+59.59	42.00	-
251	'C2'	9+01.42	37.00	-

PRELIMINARY

0 30' 60'

SCALE, FEET

PROJECT NO: 1560-31-71	HWY: USH 63	COUNTY: WASHBURN	INTERSECTION DETAIL: CTH B / COMMERCIAL ENTRANCE 'C2'	SHEET _____	E

PRELIMINARY

2

NORTH INDUSTRIAL DRIVE

USH 63

3RD STREET

LIND AVE

MERRITT DR

10'ID'

11'ID'

12'3S'

13'3S'

11'3S'

816

817

831

896

816+74.37
18.60'

816+81.99
30.80'

816+85.99
46.48'

816+86.15
56.11'

S66° 52' 25.51"E
9.63

816+59.74
42.36'

R35'

SLOPE INTERCEPT

PROPOSED PAVEMENT EDGE

EXISTING PAVEMENT EDGE

PI STA = 0+17.62
Y = 534354.46
X = 730450.63
DELTA = 53°26'42"
D = 163°42'08"
T = 17.62
L = 32.65
R = 35.00
PC STA = 0+00.00
PT STA

PI STA = 0+75.14
Y = 541442.45
X = 734017.69
DELTA = 62°24'26"
D = 229°10'59"
T = 15.14
L = 27.23
R = 25.00
PC STA = -0+00.00
PT STA = 0+27.23

896+65.38
43.07'

896+65.38
69.25'

PC: 10+95

R25'

R125'

896+50.64
22.14'

896+40.99
45.20'

896+59.43
94.74'

SLOPE INTERCEPT

PROPOSED PAVEMENT EDGE

EXISTING PAVEMENT EDGE

PI STA = 0+53.85
Y = 541437.19
X = 734059.12
DELTA = 24°02'39"
D = 45°50'12"
T = 26.62
L = 52.46
R = 125.00
PC STA = 0+27.23
PT STA = 0+79.69

STA. 10+57'LA' RT
1 - 18" X 8' CPCS
1 - AEW REQ'D

PT: 895+34.33

895+71.35
5.72'

EXISTING PAVEMENT EDGE

10+58.37
-11.59'

12+06.64
-106.16'

PROPOSED PAVEMENT EDGE

830+95.99
-55.99'

830+89.03
-33.65'

EXISTING PAVEMENT EDGE

PROPOSED PAVEMENT EDGE

SLOPE INTERCEPT

R30'

STA. 830+90 LT
1 - 18" X 12' CPCS
1 - AEW REQ'D

2"PE

830+66.13
-53.04'

830+68.13
-23.10'

- ASPHALTIC SURFACE DETOURS

EDGE OF PAVEMENT
STAGE 1 WIDENING

PI STA = 0+30.98
Y = 535666.86
X = 730977.95
DELTA = 91°50'22"
D = 190°59'09"
T = 30.98
L = 48.09
R = 30.00
PC STA = 0+00.00
PT STA = 0+48.09

PI STA = 0+71.95
Y = 535748.70
X = 730779.34
DELTA = 74°11'07"
D = 60°12'40"
T = 71.95
L = 123.21
R = 95.16
PC STA = 0+00.00
PT STA = 1+23.21

11+32.72
-18.94'

R95'

TLE

SLOPE INTERCEPT

1 1/4"PE

12+03.26
-11.06'

203
ELE.=1243.45
IP 1.5

SCALE, FEET
0 30' 60'

PROJECT NO: 1560-31-71	HWY: USH 63	COUNTY: WASHBURN	INTERSECTION DETAIL - STAGE 1 - DETOURS	SHEET _____	E

FILE NAME : \\NWBESERVER\DRAWINGS\NWBE_PROJECTS\DESIGN\1101_SHELL_LAKE_SS\C3D_12\021103_ID_DETOURS.DWG PLOT DATE : 9/3/2008 9:36 AM PLOT BY : USER PLOT NAME : _____

WISDOT/CADDS SHEET 42

2

PC: 11+11.60'C1'

11'C1'

BP: 6+93.50'PD'

PC: 7+75.48'PD'

PT: 8+21.09'PD'

PC: 8+71.62'PD'

PT: 9+35.32'PD'

PI: 9+68.30'PD'

10+00.00'PD'

6'P 7'PD'

10'C1'

8'PD'

PEDERSON DRIVE

USH 63

9'P

ASPHALTIC SURFACE DRIVEWAYS
AND FIELD ENTRANCES
(7626 SF, 2" THICK)

6+63.80
27.46'

FULL GOSPEL CHURCH
PARKING LOT

7+95
26.6

8+02.5
25.89

18'

8+11
35.0

15.24

8+42.58
35.16'

40.51'

R4'

7+83.76
65.02'

6+60.50
64.9'

7+08.82
72.83'

6+95.99
80.30'

7+42.82
84.62'

7+63.31
84.32'

8+13.16
64.99'

PLACE ASPHALTIC SURFACE
TO BUILDING FACE

11'ID'

NORTH INDUSTRIAL DRIVE

11'ID'

819

818

816

815

SIGN

MH

INL

1_062_18
1233.24

1_062_20
1233.61

6341
1237.30

PRELIMINARY

PROJECT NO: 1560-31-71	HWY: USH 63	COUNTY: WASHBURN	SIDEWALK AND DRIVEWAY DETAILS	SHEET _____	E

FILE NAME : \\NWBESERVER\DRAWINGS\NWBE_PROJECTS\DESIGN\1101_SHELL_LAKE_SS\C3D_12\021104_ID_SIDEWALK.DWG PLOT DATE : 8/8/2014 8:49 AM PLOT BY : USER PLOT NAME : _____

2

PRELIMINARY

ASPHALTIC SURFACE DRIVEWAYS AND FIELD ENTRANCES
CONCRETE SIDEWALK 4-INCH
9+43.45
-69.14'
9+45.32
-40.13'
9+43.61
-20.26'
9+59.04
-52.50'
9+58.57
-61.50'
9+69.16
-60.56'
9+57.56
-21.49'
CONCRETE CURB & GUTTER
18-INCH TYPE D
CONCRETE SIDEWALK 4-INCH
ASPHALTIC SURFACE
LOWER BACK OF SIDEWALK BELOW CURB HEAD
TO MAINTAIN CURB RAMP SLOPE
847+26.67
-32.50'
41'
847+26.67
-23.50'
845+92.52
-48.48'
TYPE 4B1 RAMP
TYPE 7B RAMP
846+32.25
-19.14'
ASPHALTIC SURFACE TERRACE (TYP.)
1ST AVENUE
9'1A'
10'WL'
10'1A'
R18'
R47'
14'
20'
25'
5'
5'
USH 63
843
844
845
846
847
848
22'SU'
23'SU'
24'SU'
SHARED-USE PATH
DETECTABLE WARNING FIELD
WEST LAKE DRIVE
TYPE 2 RAMP
CONCRETE SIDEWALK 4-INCH
R26'
846+29.62
92.19'
27'SU'
26'SU'
28'T1'
29'
ATV/SNOWMOBILE TRAIL
23'T1'
24'T1'
25'T1'
27'T1'
26'T1'
1'WL'
25'SU'
DETECTABLE WARNING FIELD
20'
20'
PC: 11+12.17'WL'
ASPHALTIC SURFACE
12'WL'
MH
SIGN

PROJECT NO: 1560-31-71	HWY: USH 63	COUNTY: WASHBURN	SIDEWALK AND DRIVEWAY DETAILS	SHEET _____	E

FILE NAME : \\NWBESERVER\DRAWINGS\NWBE_PROJECTS\DESIGN\1101_SHELL_LAKE_SS\C3D_12\021104_ID_SIDEWALK.DWG PLOT DATE : 8/8/2014 8:49 AM PLOT BY : USER PLOT NAME : _____

2

PRELIMINARY

849+13.28
-81.61'
R10'
CONCRETE SIDEWALK 4-INCH
849+03.67
-58.21'
R10'
5'
849+23.86
-42.08'
R6'
TYPE 2 RAMP
ASPHALTIC SURFACE
849+36.86
-23.50'
849+80.45
-18.50'
TYPE 7B RAMP
850+86.93
-23.50'
1ST STREET
TYP RAM
851+48.48
-23.50'
CONCRETE SURFACE DRAIN
CONCRETE SIDEWALK 4-INCH (TYP.)
ASPHALTIC SURFACE TERRACE (TYP.)
CONCRETE CURB PEDESTRIAN (TYP.)
CONSTRUCT RETAINING WALL
5'
10'P1'
849
851
852
853
854
USH 63
849+80.45
30.50'
31'T1'
TYPE 2 RAMP
CONCRETE SIDEWALK 4-INCH
5'
849+36.86
65.51'
28'SU'
29'SU'
30'SU'
31'SU'
32'SU'
33'SU'
ASPHALTIC SURFACE
SHARED-USE PATH
DETECTABLE WARNING FIELD
DETECTABLE WARNING FIELD
PARKING ENTRANCE
CONSTRUCT RETAINING WALL
850+20.38
70.64'
5'
850+33.48
105.51'
850+35.60
117.97'
3/4-INCH BASE AGG. DENSE
29'T1'
ATV/SNOWMOBILE TRAIL
30'T1'
12'
ASPHALTIC SURFACE
CONCRETE SIDEWALK 4-INCH

PROJECT NO: 1560-31-71	HWY: USH 63	COUNTY: WASHBURN	SIDEWALK AND DRIVEWAY DETAILS	SHEET _____	E

FILE NAME : \\NWBESERVER\DRAWINGS\NWBE_PROJECTS\DESIGN\1101_SHELL_LAKE_SS\C3D_12\021104_ID_SIDEWALK.DWG PLOT DATE : 8/8/2014 8:49 AM PLOT BY : USER PLOT NAME : _____

2

PRELIMINARY

CONCRETE CURB PEDESTRIAN

PARKING ENTRANCE

855+20.76
-23.50'

855+72.59
-23.50'

856+79.43
-36.50'

856+75.01
-18.50'

9'4A'

4TH AVENUE

9+47.06
-33.48'

9+54.44
-21.80'

MAINTAIN MAXIMUM 6:1 SLOPE
BEHIND SIDEWALK AT CURB RAMP

ASPHALTIC SURFACE TERRACE (TYP.)

CONCRETE SIDEWALK 4-INCH (TYP.)

857+79.90
-23.50'

858+99.01
-23.50'

860+6
-33.
860+
-32

857+68.43
-18.50'

860+56.49
-18.50'

TYPE 2 RAMPS

TYPE 7B RAMP

TYPE 1A RAMPS

TYPE 7B RAMP

TYPE RAMPS

USH 63

855

857

858

859

860

10'P5'

10'P2'

10'4A'

10'P3'

10'P4'

856+82.01
34.50'

857+68.92
37.60'

TYPE 2 RAMP

TYPE 2 RAMP

CONCRETE SIDEWALK 4-INCH

34'SU'

35'SU'

36'SU'

37'SU'

38'SU'

39'SU'

40'SU'

CONCRETE SIDEWALK 4-INCH

DETECTABLE WARNING FIELD

DETECTABLE WARNING FIELD

PARKING ENTRANCE

11'P2'

11'P3'

11'P3'

PARKING ENTRANCE

11'P4'

860+62.64
40.36'

860+76.48
99.31'

SHARED-USE PATH

860+81.08
139.58'

1237.29

1066.12

PROJECT NO: 1560-31-71	HWY: USH 63	COUNTY: WASHBURN	SIDEWALK AND DRIVEWAY DETAILS	SHEET _____	E

FILE NAME : \\NWBESERVER\DRAWINGS\NWBE_PROJECTS\DESIGN\1101_SHELL_LAKE_SS\C3D_12\021104_ID_SIDEWALK.DWG PLOT DATE : 8/8/2014 8:49 AM PLOT BY : USER PLOT NAME : _____

2

PRELIMINARY

STA. 861+65 - 862+03 LT
CONCRETE CURB PEDESTRIAN REQ'D

5TH AVENUE

6TH AVENUE

860+64.96
-33.65'
860+67.55
-32.02'

TYPE 1A RAMP

COLORED CONCRETE (TYP.)

CONCRETE SIDEWALK 4-INCH (TYP.)

860+56.49
-18.50'

TYPE 7B RAMP

TYPE 5 RAMPS

861+96.83
-18.50'

TYPE 7B RAMP

ASPHALTIC SURFACE TERRACE (TYP.)

TYPE 7A RAMP

TYPE 7B RAMP

864+69.28
-60.79'

TYPE 2 RAMP

860+62.64
40.36'

861+82.74
42.53'

862+04.74
45.22'

CONCRETE SIDEWALK 4-INCH

RELOCATE BENCH
TO STA 862+25, 57' RT

ASPHALTIC SURFACE

TYPE 7B RAMP

TYPE 5 RAMPS

CONCRETE SIDEWALK 4-INCH

860+76.48
99.31'

EXISTING SIDEWALK
TO REMIAN

862+90.82
85.12'

863+40.23
64.98'

863+54.23
58.95'

864+66.73
38.45'

TYPE 2 RAMP

863+05.92
88.11'

CONCRETE SIDEWALK 4-INCH
IN OVERLAP AREA

CONSTRUCT PARKING LOT

860+81.08
139.58'

SHARED-USE PATH

863+54.21
118.95'

865+55.42
58.41'

865+99.72
57.37'

865+60.59
73.35'

865+94.91
72.44'

ATV/SNOWMOBILE TRAIL

PARKING ENTRACNE

865+65.55
118.23'

865+89.93
117.61'

PROJECT NO: 1560-31-71	HWY: USH 63	COUNTY: WASHBURN	SIDEWALK AND DRIVEWAY DETAILS	SHEET _____	E

FILE NAME : \\NWBESERVER\DRAWINGS\NWBE_PROJECTS\DESIGN\1101_SHELL_LAKE_SS\C3D_12\021104_ID_SIDEWALK.DWG PLOT DATE : 8/8/2014 8:49 AM PLOT BY : USER PLOT NAME : _____

WISDOT/CADDS SHEET 42

2

PRELIMINARY

TYPE 1A RAMP
TYPE 7B RAMP
CONCRETE SIDEWALK 4-INCH (TYP.)
ASPHALTIC SURFACE TERRACE (TYP.)
861+96.83
-18.50'
862
TYPE 5 RAMPS
863
USH 63
TYPE 2 RAMP
861+82.74
42.53'
862+04.74
45.22'
CONCRETE SIDEWALK 4-INCH
RELOCATE BENCH
TO STA. 862+25, 57' RT
862+90.82
85.12'
863+05.92
88.11'
863+40.23
64.98'
863+54.23
58.95'
863+54.21
118.95'
CONSTRUCT
PARKING LOT
201'
TYPE 2 RAMP
15'
60'
12'T2'
ATV/SNOWMOBILE TRAIL
SHARED-USE PATH
50'
160'
41'SU'
42'SU'
43'SU'
44'SU'
45'SU'
46'SU'
47'SU'
39'
40'
10'T2'
5'
R8'
R3'
R6'
R31'
R5'
6'
2'
9'
864+69.28
-60.79'
863+22.01
-23.50'
864+21.63
-24.23'
TYPE 7A RAMP
TYPE 7B RAMP
6TH AVENUE
9'6"
8'6"
10'6"
10'T2'
864
865
866
867
865+55.42
58.41'
865+60.59
73.35'
865+65.55
118.23'
13'T2'
11'6"
PARKING ENTRANCE
865+99.72
57.37'
865+94.91
72.44'
865+89.93
117.61'
79'
866+79.64
55.15'
866+81.28
115.13'
14'T2'
15'T2'
ASPHALTIC SURFACE
90'
SEPTIC
1,067.20
1233.48

PROJECT NO: 1560-31-71	HWY: USH 63	COUNTY: WASHBURN	SIDEWALK AND DRIVEWAY DETAILS	SHEET _____	E

FILE NAME : \\NWBESERVER\DRAWINGS\NWBE_PROJECTS\DESIGN\1101_SHELL_LAKE_SS\C3D_12\021104_ID_SIDEWALK.DWG
PLOT DATE : 8/8/2014 8:49 AM
PLOT BY : USER
PLOT NAME : _____

2

PRELIMINARY

WOODYARD ROAD

PI: 7+72.39'WS'

8'WS'

wet 59 WS

PI: 12+07.03'WN'

wet 55 M

10'WS'

620

625

630

USH 63

SIGN

wet 57 SM

wet 59 M

PI: 11+94.43'WS'

11'WS'

PI: 13+19.72'WS'

NORTH WOODYARD ROAD

BP: 7+74.18'WN'

LEGEND

- EROSION MAT URBAN, CLASS I, TYPE A
- EROSION MAT URBAN, CLASS I, TYPE B
- EROSION MAT CLASS I, TYPE B
- SILT FENCE
- RIPRAP, LIGHT, MEDIUM OR HEAVY
- TURBIDITY BARRIER
- INLET PROTECTION, TYPE A OR C
- TEMPORARY DITCH CHECK
- ROCK BAGS
- CULVERT PIPE CHECK
- TEMPORARY SEDIMENT BASIN
- ASPHALTIC FLUME
- SURFACE WATER FLOW
- SLOPE INTERCEPT

NORTH WOODYARD RD

635

640

645

USH 63

wet 65 M

PROJECT NO: 1560-31-71	HWY: USH 63	COUNTY: WASHBURN	EROSION CONTROL PLAN	SHEET	E

PRELIMINARY

2

2

MATCHLINE STA. 649+50.00

MATCHLINE STA. 664+50.00

650 655 660

USH 63

USH 63

USH 63

SEPTIC

SEPTIC

wet 66 M

wet 67 SM

wet 70 SS

wet 69 M

MATCHLINE STA. 664+50.00

MATCHLINE STA. 679+50.00

665 670 675

USH 63

USH 63

USH 63

LEGEND

- EROSION MAT URBAN, CLASS I, TYPE A
- EROSION MAT URBAN, CLASS I, TYPE B
- EROSION MAT CLASS I, TYPE B
- SILT FENCE
- RIPRAP, LIGHT, MEDIUM OR HEAVY
- TURBIDITY BARRIER
- INLET PROTECTION, TYPE A OR C
- TEMPORARY DITCH CHECK
- ROCK BAGS
- CULVERT PIPE CHECK
- TEMPORARY SEDIMENT BASIN
- ASPHALT FLUME
- SURFACE WATER FLOW
- SLOPE INTERCEPT

PROJECT NO: 1560-31-71	HWY: USH 63	COUNTY: WASHBURN	EROSION CONTROL PLAN	SHEET	E

FILE NAME : \\NWBESERVER\DRAWINGS\NWBE_PROJECTS\DESIGN\1101_SHELL_LAKE_SS\C3D_12\022001_EC_US63_625-830_100_SCALE.DWG PLOT DATE : 7/25/2014 4:56 PM PLOT BY : USER PLOT NAME : PLOT SCALE : 1 IN=100 FT_XREF WISDOT/CADDS SHEET 44

PRELIMINARY

2

MATCHLINE STA. 679+50.00

680 685 690

USH 63

SIGN

MATCHLINE STA. 694+50.00

2

LEGEND

- EROSION MAT URBAN, CLASS I, TYPE A
- EROSION MAT URBAN, CLASS I, TYPE B
- EROSION MAT CLASS I, TYPE B
- SILT FENCE
- RIPRAP, LIGHT, MEDIUM OR HEAVY
- TURBIDITY BARRIER
- INLET PROTECTION, TYPE A OR C
- TEMPORARY DITCH CHECK
- ROCK BAGS
- CULVERT PIPE CHECK
- TSB TEMPORARY SEDIMENT BASIN
- ASPHALTIC MIXTURE
- SURFACE WATER FLOW
- SLOPE INTERCEPT

wet 71 SS

MATCHLINE STA. 694+50.00

695 700 705

USH 63

SIGN

10 LL'

wet 68 SS

LEHMAN LAKE RD

wet 72 M

12 LL'

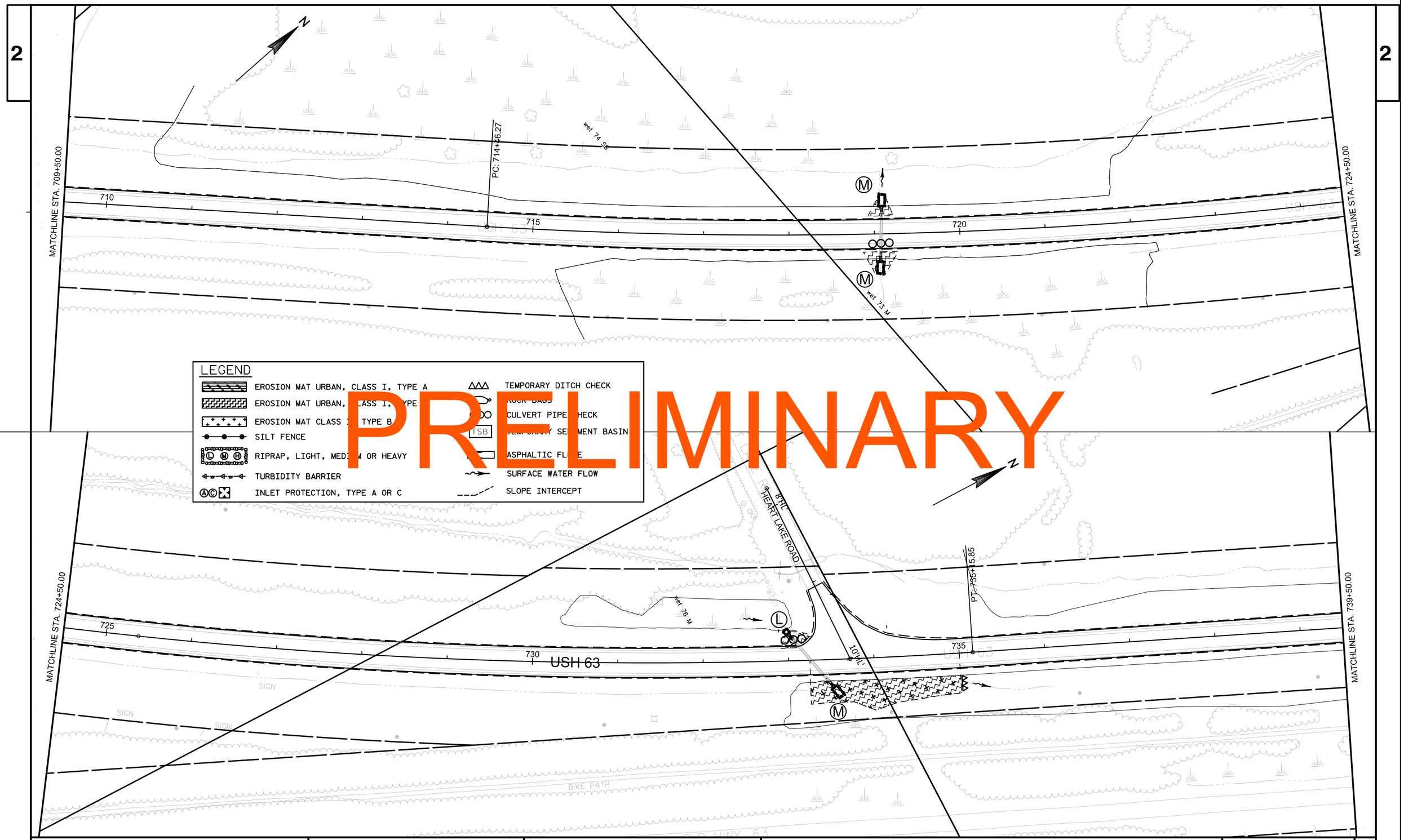
EP: 12+00.00'LL'

MATCHLINE STA. 709+50.00

PROJECT NO: 1560-31-71	HWY: USH 63	COUNTY: WASHBURN	EROSION CONTROL PLAN	SHEET E

FILE NAME : \\NWBESERVER\DRAWINGS\NWBE_PROJECTS\DESIGN\1101_SHELL_LAKE_SS\C3D_12\022001_EC_US63_625-830_100_SCALE.DWG PLOT DATE : 7/25/2014 4:56 PM PLOT BY : USER PLOT NAME : PLOT SCALE : 1 IN=100 FT_XREF WISDOT/CADDS SHEET 44

2



PRELIMINARY

PROJECT NO: 1560-31-71	HWY: USH 63	COUNTY: WASHBURN	EROSION CONTROL PLAN	SHEET	E

FILE NAME : \\NWBESERVER\DRAWINGS\NWBE_PROJECTS\DESIGN\1101_SHELL_LAKE_SS\C3D_12\022001_EC_US63_625-830_100_SCALE.DWG PLOT DATE : 7/25/2014 4:56 PM PLOT BY : USER PLOT NAME : PLOT SCALE : 1 IN=100 FT_XREF WISDOT/CADDS SHEET 44

PRELIMINARY

2

MATCHLINE STA. 739+50.00

MATCHLINE STA. 754+50.00

N

wet 77 SS

wet 79 M

I SIGN

740

745

USH 63

USH 63

750

USH 63

10" DC

QLD '63' CONNECTION

wet 78 M

BIKE PATH

OLD HWY. 63

MATCHLINE STA. 754+50.00

MATCHLINE STA. 769+50.00

N

wet 80 M

755

760

USH 63

USH 63

765

M

M

M

M

wet 81 M

U/C

OLD HWY. 63

LEGEND

- EROSION MAT URBAN, CLASS I, TYPE A
- EROSION MAT URBAN, CLASS I, TYPE B
- EROSION MAT CLASS I, TYPE B
- SILT FENCE
- RIPRAP, LIGHT, MEDIUM OR HEAVY
- TURBIDITY BARRIER
- INLET PROTECTION, TYPE A OR C
- TEMPORARY DITCH CHECK
- ROCK BAGS
- CULVERT PIPE CHECK
- TSB TEMPORARY SEDIMENT BASIN
- ASPHALTIC FLUME
- SURFACE WATER FLOW
- SLOPE INTERCEPT

2

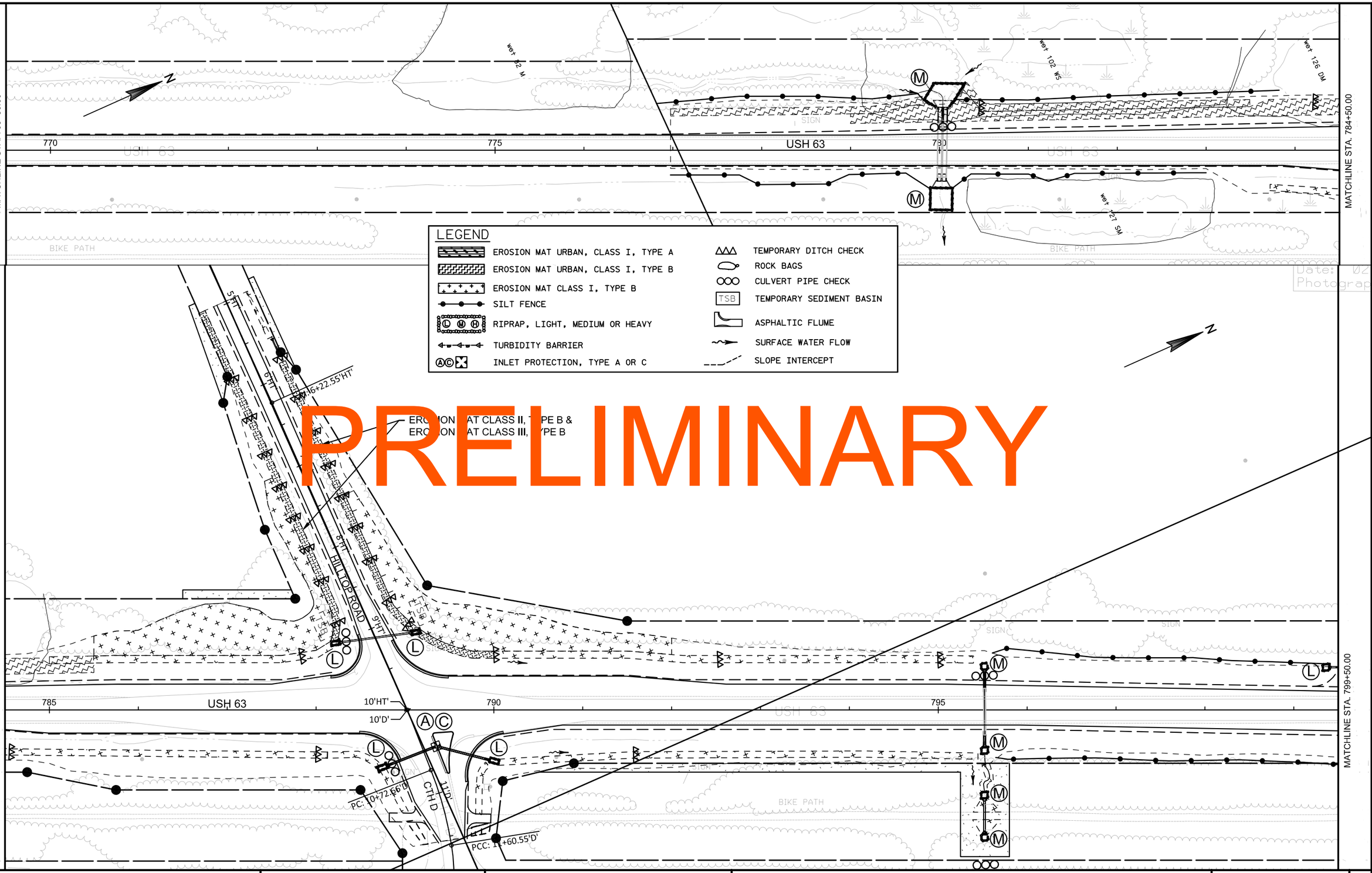
PROJECT NO: 1560-31-71	HWY: USH 63	COUNTY: WASHBURN	EROSION CONTROL PLAN	SHEET	E

FILE NAME : \\NWBESERVER\DRAWINGS\NWBE_PROJECTS\DESIGN\1101_SHELL_LAKE_SS\C3D_12\022001_EC_US63_625-830_100_SCALE.DWG PLOT DATE : 7/25/2014 4:56 PM PLOT BY : USER PLOT NAME : PLOT SCALE : 1 IN=100 FT_XREF

MATCHLINE STA. 769+50.00

MATCHLINE STA. 784+50.00

2



LEGEND

- EROSION MAT URBAN, CLASS I, TYPE A
- EROSION MAT URBAN, CLASS I, TYPE B
- EROSION MAT CLASS I, TYPE B
- SILT FENCE
- RIPRAP, LIGHT, MEDIUM OR HEAVY
- TURBIDITY BARRIER
- INLET PROTECTION, TYPE A OR C
- TEMPORARY DITCH CHECK
- ROCK BAGS
- CULVERT PIPE CHECK
- TSB TEMPORARY SEDIMENT BASIN
- ASPHALTIC FLUME
- SURFACE WATER FLOW
- SLOPE INTERCEPT

PRELIMINARY

PROJECT NO: 1560-31-71	HWY: USH 63	COUNTY: WASHBURN	EROSION CONTROL PLAN	SHEET	E

FILE NAME : W:\NWBE_PROJECTS\DESIGN\1101_SHELL_LAKE_SS\C3D_12\022001_EC_US63_625-830_100_SCALE.DWG PLOT DATE : 11/25/2014 2:21 PM PLOT BY : GARY COLBERT PLOT NAME : PLOT SCALE : 1 IN=100 FT_XREF WISDOT/CADDS SHEET 44

PRELIMINARY

MATCHLINE STA. 799+50.00

MATCHLINE STA. 814+50.00

800 805 USH 63 810

SCHOOL ENTRANCE

8'SE'

9'SE'

10'SE'

ATHLETIC FIELD

BLEACHERS

SIGN

LEGEND

- EROSION MAT URBAN, CLASS I, TYPE A
- EROSION MAT URBAN, CLASS I, TYPE B
- EROSION MAT CLASS I, TYPE B
- SILT FENCE
- RIPRAP, HEAVY, MEDIUM OR LIGHT
- TURBIDITY BARRIER
- INLET PROTECTION, TYPE
- TEMPORARY DITCH CHECK
- ROCK BAGS
- CULVERT PIPE CHECK
- TSB TEMPORARY SEDIMENT BASIN
- ASPHALTIC FLUME
- SURFACE WATER FLOW
- SLOPE INTERCEPT

PEDERSON DRIVE

7'PD'

10'C1'

8'PD'

9'PD'

MATCHLINE STA. 814+50.00

MATCHLINE STA. 829+50.00

815 820 USH 63 825

10'PD'

10'ID'

10'T3'

NORTH INDUSTRIAL DRIVE

11'ID'

wet 100 M

CANOPY

G.P.

ANT.

PROJECT NO: 1560-31-71	HWY: USH 63	COUNTY: WASHBURN	EROSION CONTROL PLAN	SHEET E

FILE NAME : \\NWBESERVER\DRAWINGS\NWBE_PROJECTS\DESIGN\1101_SHELL_LAKE_SS\C3D_12\022001_EC_US63_625-830_100_SCALE.DWG PLOT DATE : 7/25/2014 4:56 PM PLOT BY : USER PLOT NAME : PLOT SCALE : 1 IN=100 FT_XREF WISDOT/CADDS SHEET 44

2

LEGEND

- EROSION MAT URBAN, CLASS I, TYPE A
- EROSION MAT URBAN, CLASS I, TYPE B
- EROSION MAT CLASS I, TYPE B
- SILT FENCE
- RIPRAP, LIGHT, MEDIUM OR HEAVY
- TURBIDITY BARRIER
- INLET PROTECTION, TYPE A, B OR C
- TEMPORARY DITCH CHECK
- ROCK BAGS
- CULVERT PIPE CHECK
- TEMPORARY SEDIMENT BASIN
- ASPHALTIC FLUME
- SURFACE WATER FLOW
- SLOPE INTERCEPT

PRELIMINARY

MATCHLINE STA. 829+50.00

MATCHLINE STA. 837+00.00

830 831 832 833 834 835 836

USH 63

3RD STREET

INDUSTRIAL BLVD

SHARED-USE PATH

ATV/SNONMOBILE TRAIL

SIGN

PROJECT NO: 1560-31-71	HWY: USH 63	COUNTY: WASHBURN	EROSION CONTROL PLAN	SHEET	E

FILE NAME : \\NWBESERVER\DRAWINGS\NWBE_PROJECTS\DESIGN\1101_SHELL_LAKE_SS\C3D_12\022002_EC_US63_830-887_50_SCALE.DWG PLOT DATE : 9/12/2014 12:13 PM PLOT BY : GARY COLBERT PLOT NAME : PLOT SCALE : 1:50_XREF

WISDOT/CADDS SHEET 42

2

LEGEND

- EROSION MAT URBAN, CLASS I, TYPE A
- EROSION MAT URBAN, CLASS I, TYPE B
- EROSION MAT CLASS I, TYPE B
- SILT FENCE
- RIPRAP, LIGHT, MEDIUM OR HEAVY
- TURBIDITY BARRIER
- INLET PROTECTION, TYPE A, B OR C
- TEMPORARY DITCH CHECK
- ROCK BAGS
- CULVERT PIPE CHECK
- TSB TEMPORARY SEDIMENT BASIN
- ASPHALTIC FLUME
- SURFACE WATER FLOW
- SLOPE INTERCEPT

N

INL

MH

MATCHLINE STA. 837+00.00

MATCHLINE STA. 844+50.00

837 838 USH 63 839 840 841 842 843 844

USH 63

SIGN

SIGN

SIGN

17'SU' 18'SU' 19'SU' 20'SU' 21'SU' 22'SU' 23'SU'

SHARED-USE PATH

18'T1' 19'T1' 20'T1' ATV/SNONMOBILE TRAIL 21'T1' 22'T1' 23'T1' 24'T1'

PRELIMINARY

PROJECT NO: 1560-31-71	HWY: USH 63	COUNTY: WASHBURN	EROSION CONTROL PLAN	SHEET	E

FILE NAME : \\NWBESERVER\DRAWINGS\NWBE_PROJECTS\DESIGN\1101_SHELL_LAKE_SS\C3D_12\022002_EC_US63_830-887_50_SCALE.DWG PLOT DATE : 9/12/2014 12:13 PM PLOT BY : GARY COLBERT PLOT NAME : PLOT SCALE : 1:50_XREF

WISDOT/CADDS SHEET 42

2

LEGEND

- EROSION MAT URBAN, CLASS I, TYPE A
- EROSION MAT URBAN, CLASS I, TYPE B
- EROSION MAT CLASS I, TYPE B
- SILT FENCE
- RIPRAP, LIGHT, MEDIUM OR HEAVY
- TURBIDITY BARRIER
- INLET PROTECTION, TYPE A, B OR C
- TEMPORARY DITCH CHECK
- ROCK BAGS
- CULVERT PIPE CHECK
- TSB TEMPORARY SEDIMENT BASIN
- ASPHALTIC FLUME
- SURFACE WATER FLOW
- SLOPE INTERCEPT

PRELIMINARY

1ST AVENUE
8'1A'
9'1A'
PC: 845+43.66
CONC PATIO
SIGN
MATCHLINE STA. 844+50.00
845
846
847
10'WL'
10'1A'
WEST LAKE DRIVE
25'SU'
WL
24'SU'
25'T1'
26'T1'
26'SU'
27'T1'
27'SU'
28'T1'
28'SU'
29'T1'
29'SU'
30'T1'
30'SU'
31'SU'
31'T1'
SHARED-USE PATH
ATV/SNONMOBILE TRAIL
12'WL'
PT: 849+18.14
USH 63
850
851
1ST STREET
10'1S'
MATCHLINE STA. 852+00.00

PROJECT NO: 1560-31-71	HWY: USH 63	COUNTY: WASHBURN	EROSION CONTROL PLAN	SHEET	E

FILE NAME : \\NWBESERVER\DRAWINGS\NWBE_PROJECTS\DESIGN\1101_SHELL_LAKE_SS\C3D_12\022002_EC_US63_830-887_50_SCALE.DWG PLOT DATE : 9/12/2014 12:13 PM PLOT BY : GARY COLBERT PLOT NAME : PLOT SCALE : 1:50_XREF

2

LEGEND

- EROSION MAT URBAN, CLASS I, TYPE A
- EROSION MAT URBAN, CLASS I, TYPE B
- EROSION MAT CLASS I, TYPE B
- SILT FENCE
- RIPRAP, LIGHT, MEDIUM OR HEAVY
- TURBIDITY BARRIER
- INLET PROTECTION, TYPE A, B OR C
- TEMPORARY DITCH CHECK
- ROCK BAGS
- CULVERT PIPE CHECK
- TSB — TEMPORARY SEDIMENT BASIN
- ASPHALTIC FLUME
- SURFACE WATER FLOW
- SLOPE INTERCEPT

PRELIMINARY

CONSTRUCT CONCRETE SURFACE DRAIN

PARKING ENTRANCE

PARKING ENTRANCE

PARKING ENTRANCE

PARKING ENTRANCE

SHARED-USE PATH

MATCHLINE STA. 852+00.00

MATCHLINE STA. 859+50.00

PROJECT NO: 1560-31-71	HWY: USH 63	COUNTY: WASHBURN	EROSION CONTROL PLAN	SHEET	E

FILE NAME : \\NWBESERVER\DRAWINGS\NWBE_PROJECTS\DESIGN\1101_SHELL_LAKE_SS\C3D_12\022002_EC_US63_830-887_50_SCALE.DWG PLOT DATE : 9/12/2014 12:13 PM PLOT BY : GARY COLBERT PLOT NAME : PLOT SCALE : 1:50_XREF

PRELIMINARY

LEGEND

- EROSION MAT URBAN, CLASS I, TYPE A
- EROSION MAT URBAN, CLASS I, TYPE B
- EROSION MAT CLASS I, TYPE B
- SILT FENCE
- RIPRAP, LIGHT, MEDIUM OR HEAVY
- TURBIDITY BARRIER
- INLET PROTECTION, TYPE A, B OR C
- TEMPORARY DITCH CHECK
- ROCK BAGS
- CULVERT PIPE CHECK
- TEMPORARY SEDIMENT BASIN
- ASPHALTIC FLUME
- SURFACE WATER FLOW
- SLOPE INTERCEPT

2

2

N

MATCHLINE STA. 859+50.00

MATCHLINE STA. 867+00.00

75'A'

85'A'

5TH AVENUE

95'A'

6TH AVENUE

85'A'

76'A'

25'BD'

26'BD'

27'BD'

28'BD'

PT: 861+08.67

PC: 864+78.71

USH 63

860

861

862

863

864

865

866

10'P4'

10'P6'

10'T2'

11'T2'

10'SA'

PARKING

PARKING ENTRANCE

ENTRANCE 11'P4'

12'T2'

ATV/SNOWMOBILE TRAIL

13'T2'

14'T2'

11'P6'

39'SU'

40'SU'

41'SU'

42'SU'

43'SU'

SHARED-USE PATH

44'SU'

45'SU'

46'SU'

PROJECT NO: 1560-31-71	HWY: USH 63	COUNTY: WASHBURN	EROSION CONTROL PLAN	SHEET	E

FILE NAME : W:\NWBE_PROJECTS\DESIGN\1101_SHELL_LAKE_SS\C3D_12\022002_EC_US63_830-887_50_SCALE.DWG PLOT DATE : 11/25/2014 2:32 PM PLOT BY : GARY COLBERT PLOT NAME : PLOT SCALE : 1:50_XREF

2

PLACE MEDIUM RIPRAP AND GEOTEXTILE FABRIC, TYPE HR UP TO ELE. 1171.0.

PLACE EROSION MAT CLASS II, TYPE B & EROSION MAT CLASS III, TYPE B FROM ELE. 1171.0 TO SLOPE INTERCEPT.

SEE CTH B STORM SEWER OUTFALL SHEET FOR DETAILS

N

2'DP'

3'DP'

PT: 868+74.87

MATCHLINE STA. 867+00.00

MATCHLINE STA. 874+50.00

868

872

873

874

10'PC'

USH 63

PETERSON COURT

15'T2'

16'T2'

17'T2'

11'PG'

18'T2'

ATV/SNONMOBILE TRAIL

19'T2'

20'T2'

21'T2'

53'SU'

52'SU'

47'SU'

48'SU'

49'SU'

50'SU'

51'SU'

SHARED-USE PATH

PLAYGROUND DRIVE

11'PC'

PRELIMINARY

LEGEND

- EROSION MAT URBAN, CLASS I, TYPE A
- EROSION MAT URBAN, CLASS I, TYPE B
- EROSION MAT CLASS I, TYPE B
- SILT FENCE
- RIPRAP, LIGHT, MEDIUM OR HEAVY
- TURBIDITY BARRIER
- INLET PROTECTION, TYPE A, B OR C
- TEMPORARY DITCH CHECK
- ROCK BAGS
- CULVERT PIPE CHECK
- TSB TEMPORARY SEDIMENT BASIN
- ASPHALTIC FLUME
- SURFACE WATER FLOW
- SLOPE INTERCEPT

PROJECT NO: 1560-31-71	HWY: USH 63	COUNTY: WASHBURN	EROSION CONTROL PLAN	SHEET	E

FILE NAME : W:\NWBE_PROJECTS\DESIGN\1101_SHELL_LAKE_SS\C3D_12\022002_EC_US63_830-887_50_SCALE.DWG PLOT DATE : 11/25/2014 3:07 PM PLOT BY : GARY COLBERT PLOT NAME : PLOT SCALE : 1:50_XREF

2

LEGEND

- EROSION MAT URBAN, CLASS I, TYPE A
- EROSION MAT URBAN, CLASS I, TYPE B
- EROSION MAT CLASS I, TYPE B
- SILT FENCE
- RIPRAP, LIGHT, MEDIUM OR HEAVY
- TURBIDITY BARRIER
- INLET PROTECTION, TYPE A, B OR C
- TEMPORARY DITCH CHECK
- ROCK BAGS
- CULVERT PIPE CHECK
- TSB TEMPORARY SEDIMENT BASIN
- ASPHALTIC FLUME
- SURFACE WATER FLOW
- SLOPE INTERCEPT

PRELIMINARY

MATCHLINE STA. 874+50.00

MATCHLINE STA. 882+00.00

875 876 877 880 881

USH 63

SIGN

SIGN

SIGN

STARIHA DR

ANT

FARLEY AUTO BODY 9'C2'

10'C2'

2'T2' 23'T2' 24'T2' 25'T2' 26'T2' 27'T2'

54'SU' 55'SU' 56'SU' 57'SU' 58'SU' 59'SU' 60'SU' 61'SU'

ATV/SNONMOBILE TRAIL

SHARED-USE PATH

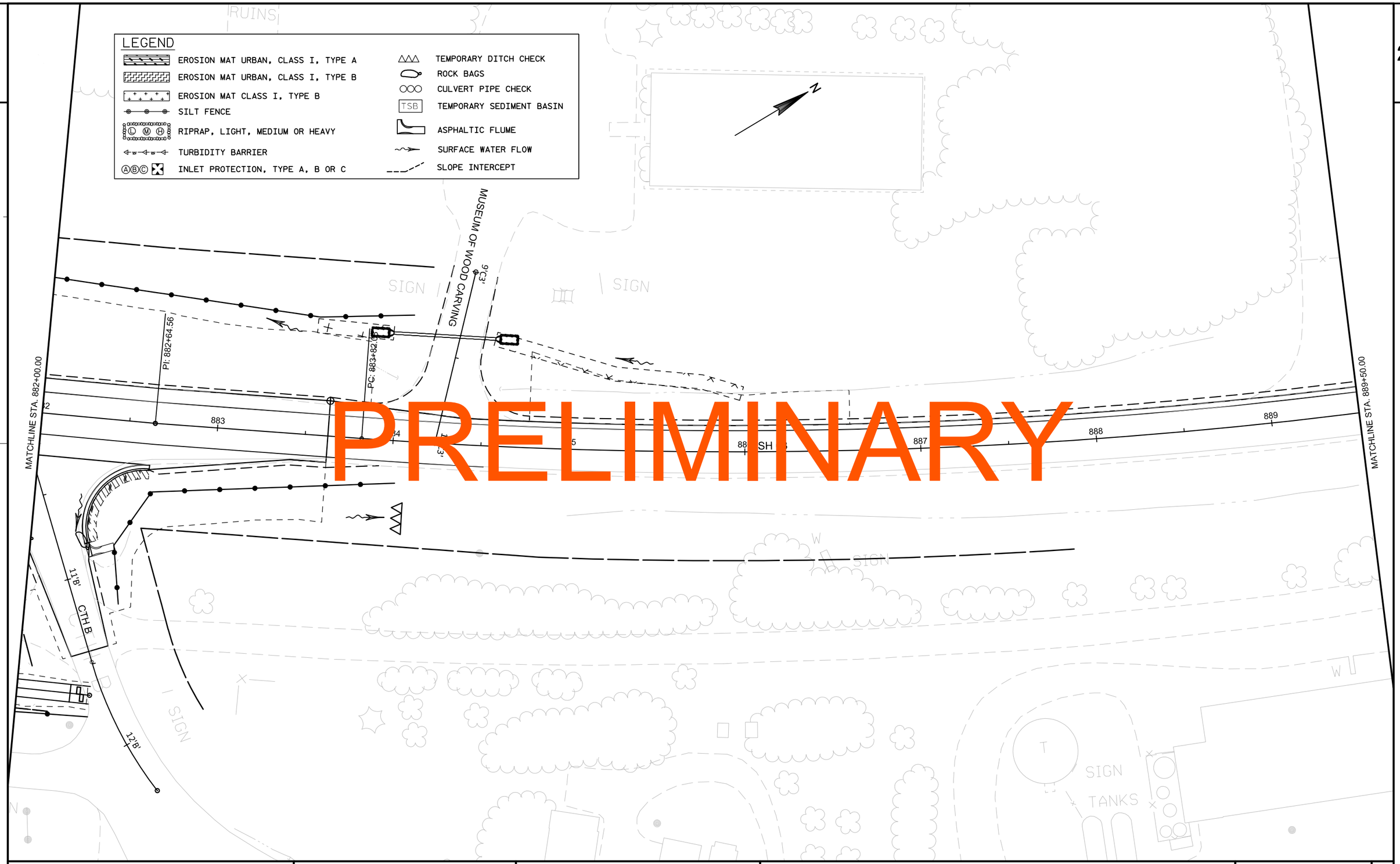
PROJECT NO: 1560-31-71	HWY: USH 63	COUNTY: WASHBURN	EROSION CONTROL PLAN	SHEET	E

FILE NAME : \\NWBESERVER\DRAWINGS\NWBE_PROJECTS\DESIGN\1101_SHELL_LAKE_SS\C3D_12\022002_EC_US63_830-887_50_SCALE.DWG PLOT DATE : 9/12/2014 12:13 PM PLOT BY : GARY COLBERT PLOT NAME : PLOT SCALE : 1:50_XREF

2

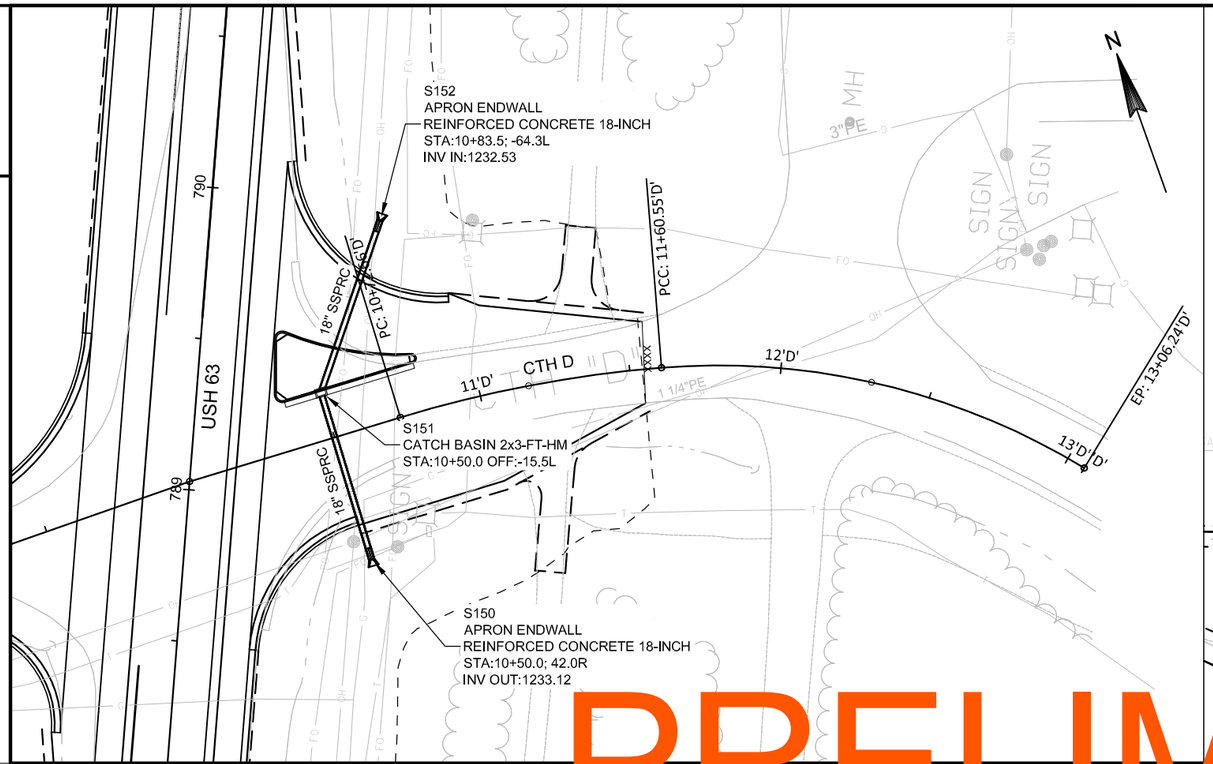
LEGEND

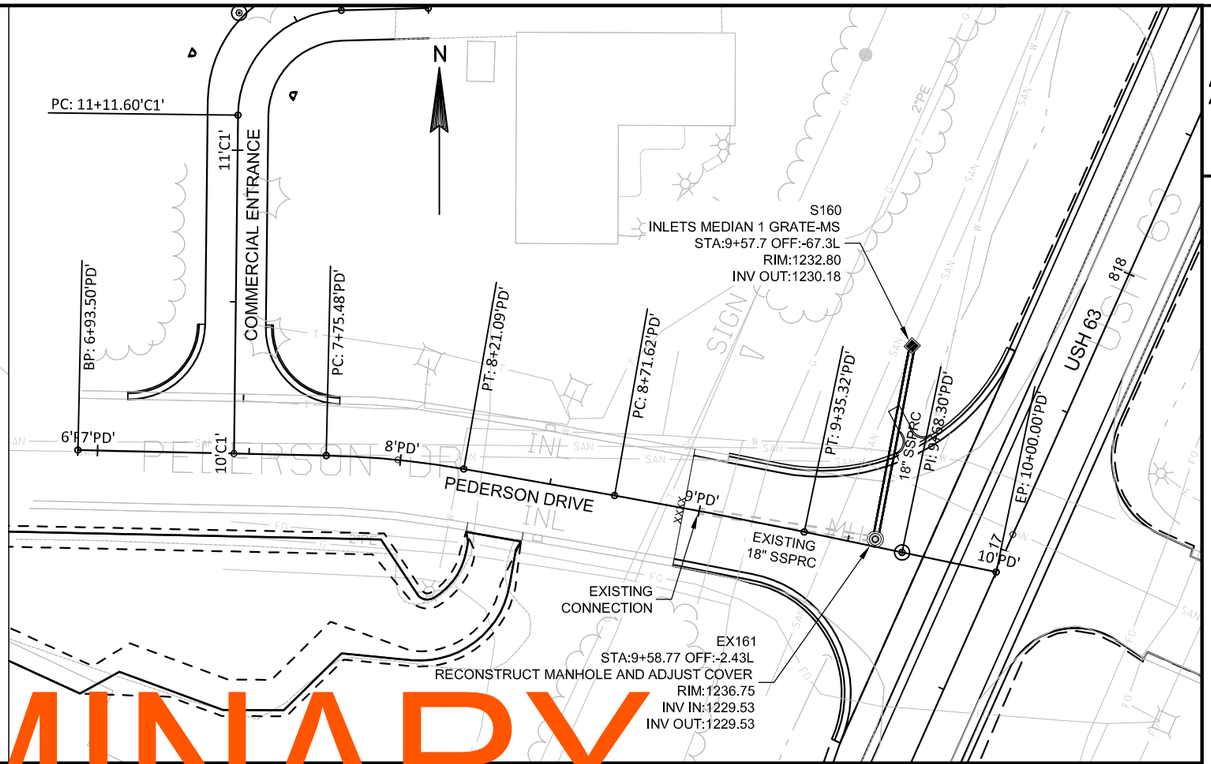
- EROSION MAT URBAN, CLASS I, TYPE A
- EROSION MAT URBAN, CLASS I, TYPE B
- EROSION MAT CLASS I, TYPE B
- SILT FENCE
- RIPRAP, LIGHT, MEDIUM OR HEAVY
- TURBIDITY BARRIER
- INLET PROTECTION, TYPE A, B OR C
- TEMPORARY DITCH CHECK
- ROCK BAGS
- CULVERT PIPE CHECK
- TEMPORARY SEDIMENT BASIN
- ASPHALTIC FLUME
- SURFACE WATER FLOW
- SLOPE INTERCEPT



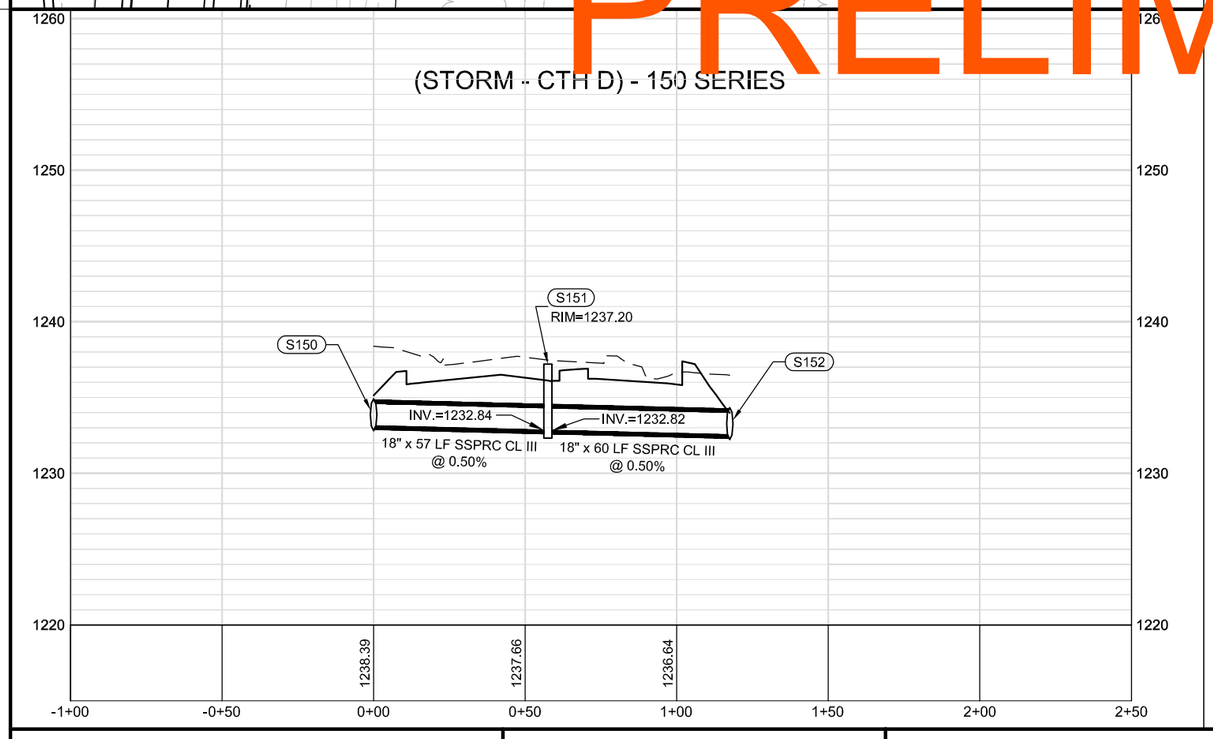
PRELIMINARY

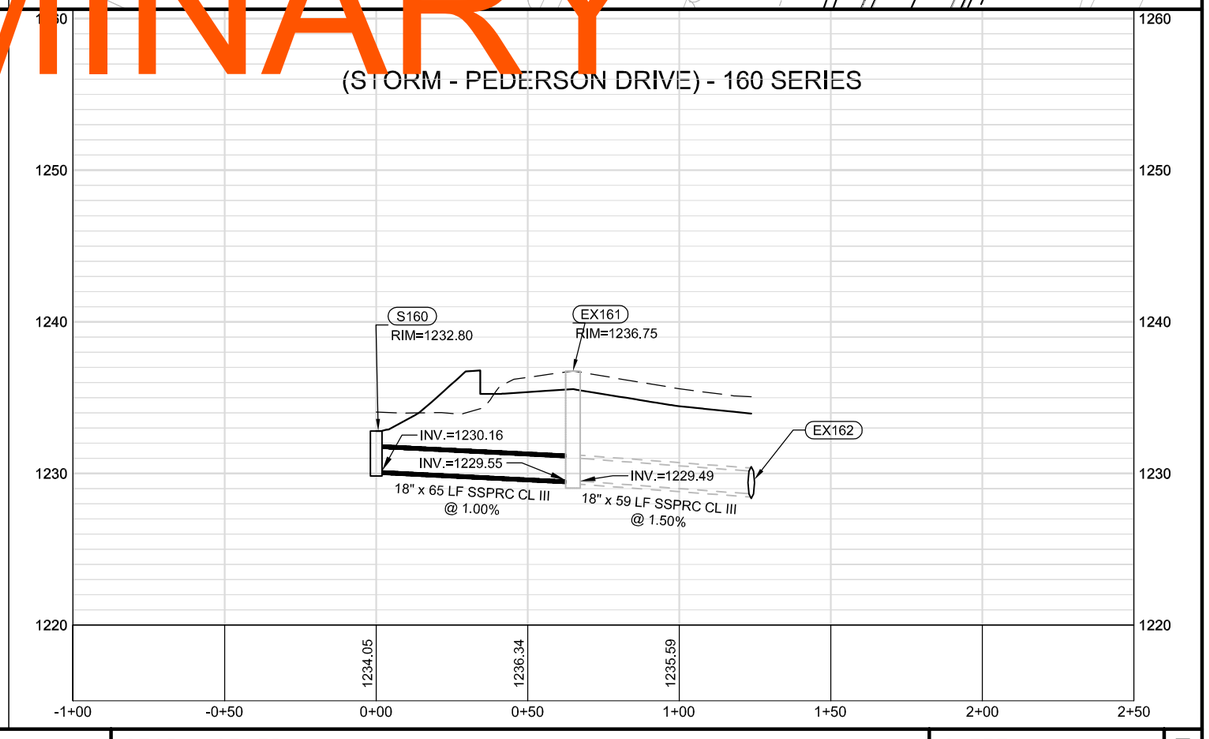
PROJECT NO: 1560-31-71	HWY: USH 63	COUNTY: WASHBURN	EROSION CONTROL PLAN	SHEET	E



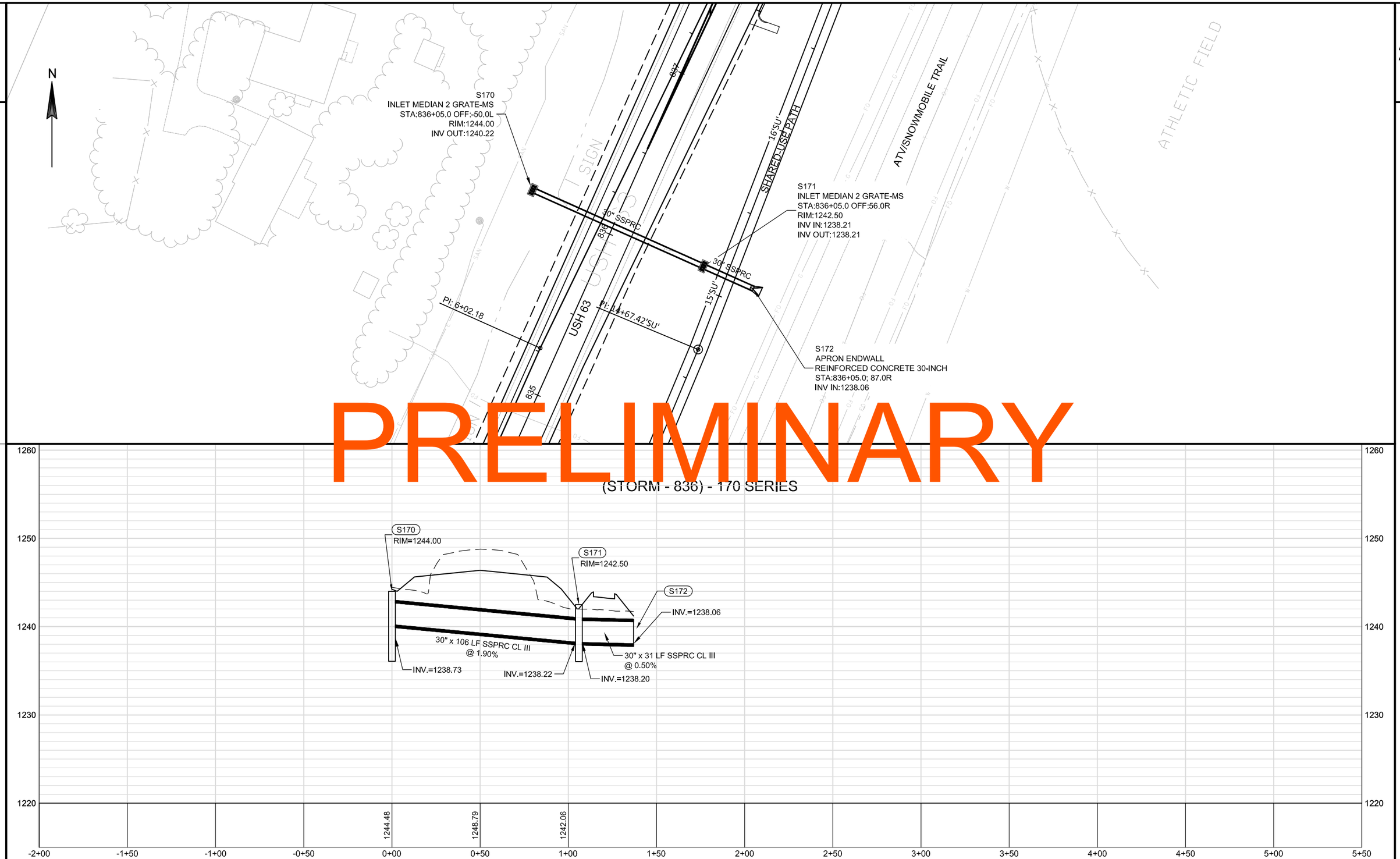


PRELIMINARY



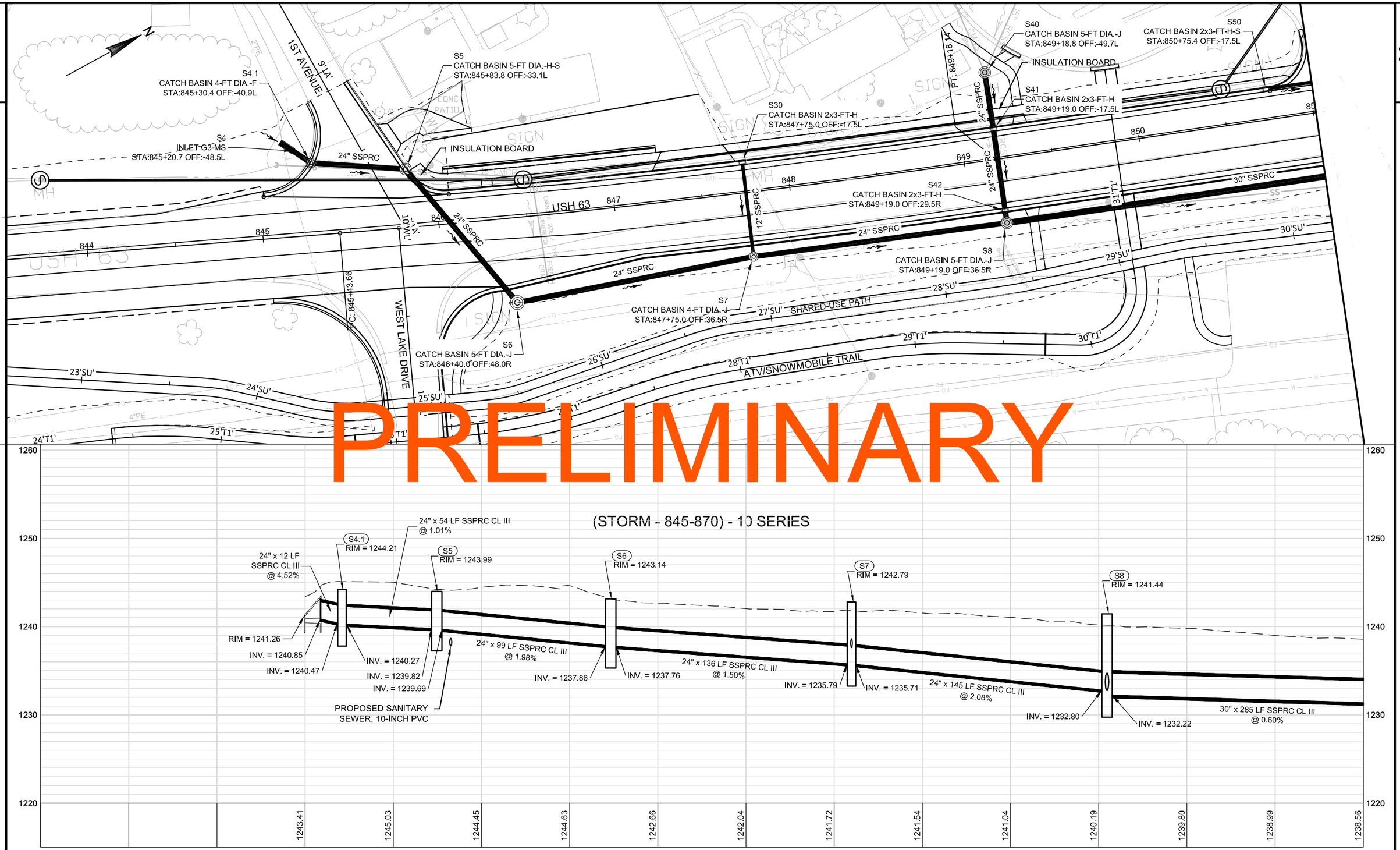


PROJECT NO:1560-31-71	HWY: USH 63	COUNTY: WASHBURN	STORM SEWER: USH 63	SHEET	E



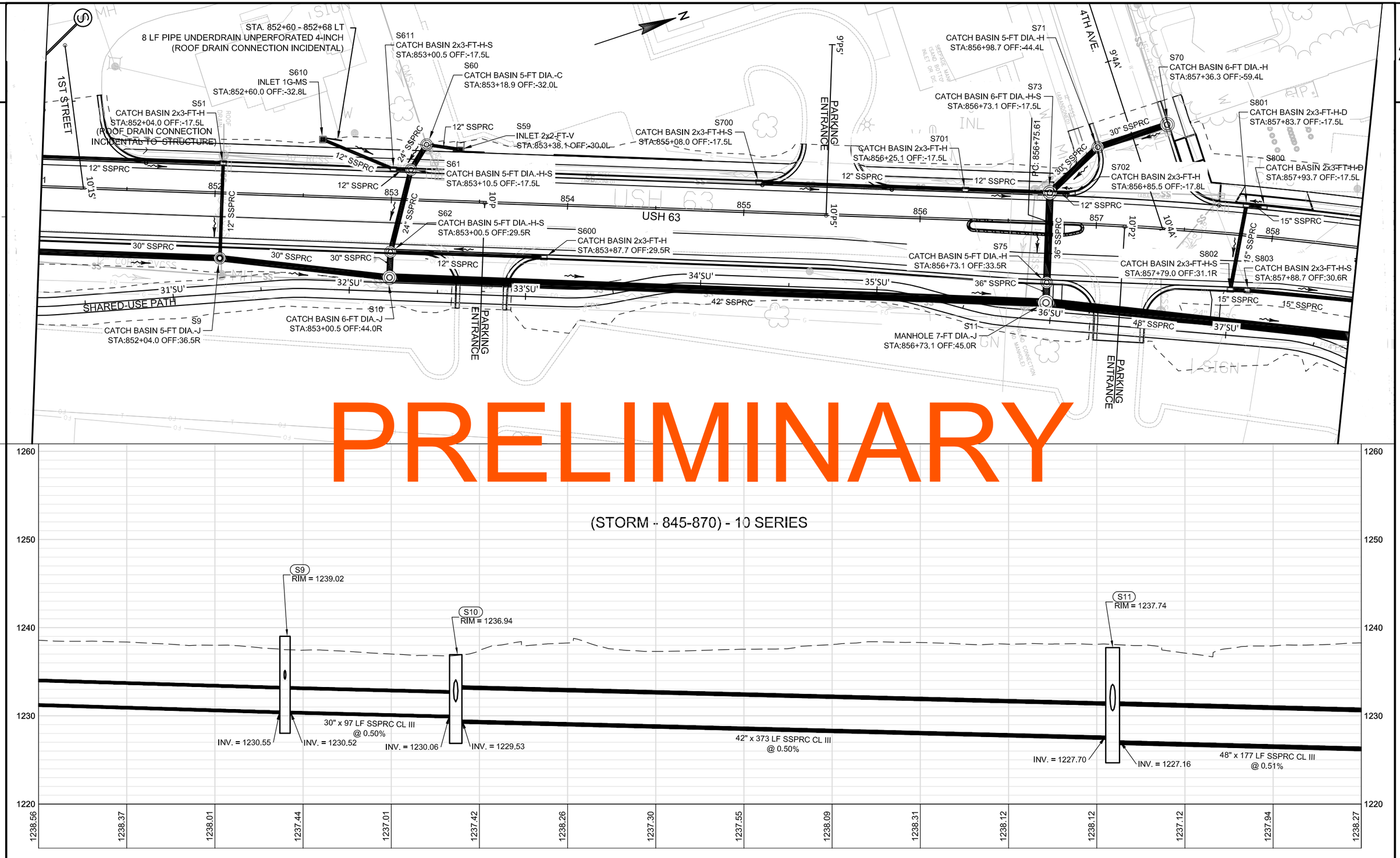
PROJECT NO: 1560-31-71	HWY: USH 63	COUNTY: WASHBURN	STORM SEWER: USH 63	SHEET	E

2



PRELIMINARY

PROJECT NO: 1560-31-71	HWY: USH 63	COUNTY: WASHBURN	STORM SEWER: USH 63	SHEET	E



PRELIMINARY

(STORM - 845-870) - 10 SERIES

PROJECT NO: 1560-31-71	HWY: USH 63	COUNTY: WASHBURN	STORM SEWER: USH 63	SHEET E

S80
CATCH BASIN 2x3-FT-H-D
STA:859+24.2 OFF:-45.0L

FIELD VERIFY LOCATION
TO MATCH EXISTING SWALE

S81
CATCH BASIN 2x3-FT-H-D
STA:859+33.0 OFF:-30.1L

S83
CATCH BASIN 2x3-FT-H
STA:858+54.0 OFF:-17.5L

S90
CATCH BASIN 3-FT DIA.-H
STA:860+79.1 OFF:-40.5L

S91
CATCH BASIN 3-FT DIA.-H-S
STA:860+77.5 OFF:-21.6L

S82
CATCH BASIN 4-FT DIA.-H-D
STA:859+15.3 OFF:-17.5L

S84
CATCH BASIN 4-FT DIA.-H
STA:858+54.0 OFF:29.5R

S810
CATCH BASIN 2x3-FT-H-S
STA:859+14.9 OFF:38.6R

S900
CATCH BASIN 3-FT DIA.-H
STA:861+60.5 OFF:-27.6L

S901
CATCH BASIN 2x3-FT-H
STA:861+84.2 OFF:-17.5L

S902
CATCH BASIN 2x3-FT-H
STA:861+87.2 OFF:33.5R

S102
CATCH BASIN 2x3-FT-H-S
STA:860+90.0 OFF:33.5R

S14
MANHOLE 7-FT DIA.-J
STA:861+85.5 OFF:42.0R

S101
CATCH BASIN 2x3-FT-H
STA:860+50.5 OFF:33.5R

S100
CATCH BASIN 2x3-FT-H-S
STA:860+09.1 OFF:42.2R

S12
MANHOLE 7-FT DIA.-J
STA:858+54.0 OFF:50.0R

S110
CATCH BASIN 2x3-FT-H
STA:864+64.9 OFF:-19.5L

S109
CATCH BASIN 2x3-FT-H
STA:864+17.6 OFF:-18.6L

S111
CATCH BASIN 2x3-FT-H
STA:864+63.3 OFF:37.4R

S112
CATCH BASIN 2x3-FT-H-S
STA:865+33.0 OFF:37.4R

S16
MANHOLE 8-FT DIA.-J
STA:866+28.0 OFF:50.0R

PC: 864+78.71

PT: 861+03.39

5TH AVE.

(CTH B WEST)
6TH AVE.

USH 63

INSULATION BOARD

INSULATION BOARD

PARKING ENTRANCE

SHARED-USE PATH

12" SSPRC
15" SSPRC
18" SSPRC
48" SSPRC

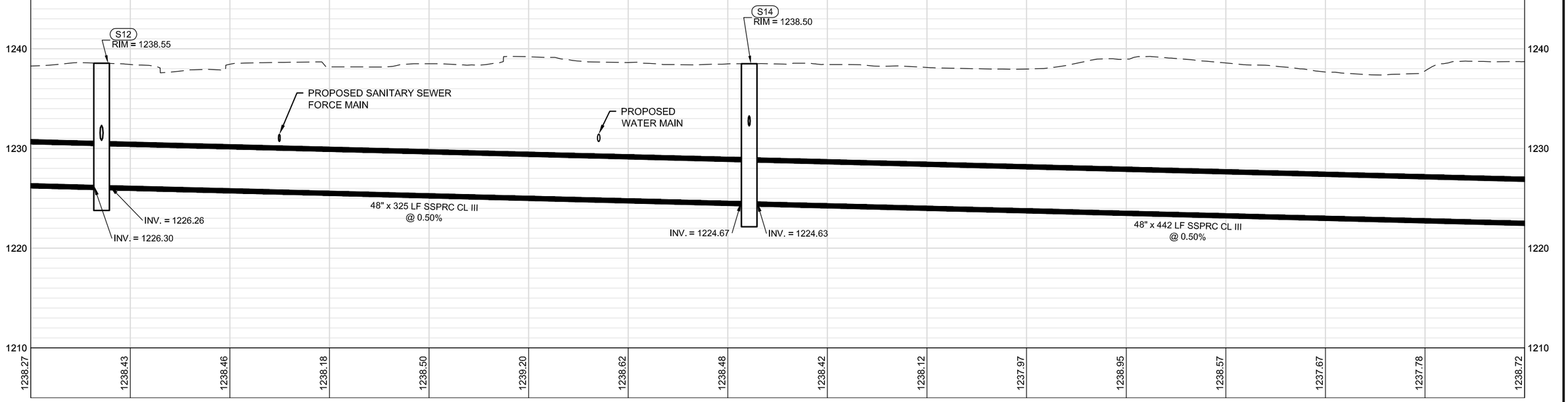
10'P4'
10'P3'
10'5A'
10'T2'
10'P6'
11'P3'
11'P4'
11'T2'
12'T2'
11'P6'

38'SU'
39'SU'
40'SU'
41'SU'
42'SU'
43'SU'
44'SU'
45'SU'

4"PE

360
861
862
863
864
865

PRELIMINARY



PROJECT NO: 1560-31-71	HWY: USH 63	COUNTY: WASHBURN	STORM SEWER: USH 63	SHEET	E

2

S16
MANHOLE 8-FT DIA.-J
STA:866+28.0 OFF:50.0R

S17
MANHOLE 7-FT DIA.-H
STA:866+32.0 OFF:35.5R

S18
MANHOLE 6X6-FT-H-S
STA:6+96.9 OFF:-23.0L

S19
INLET 2G-MS
STA:6+96.9 OFF:-37.5L

S19.1

6TH AVE. (CTH B WEST)

48" SSPRC

12" SSPRC

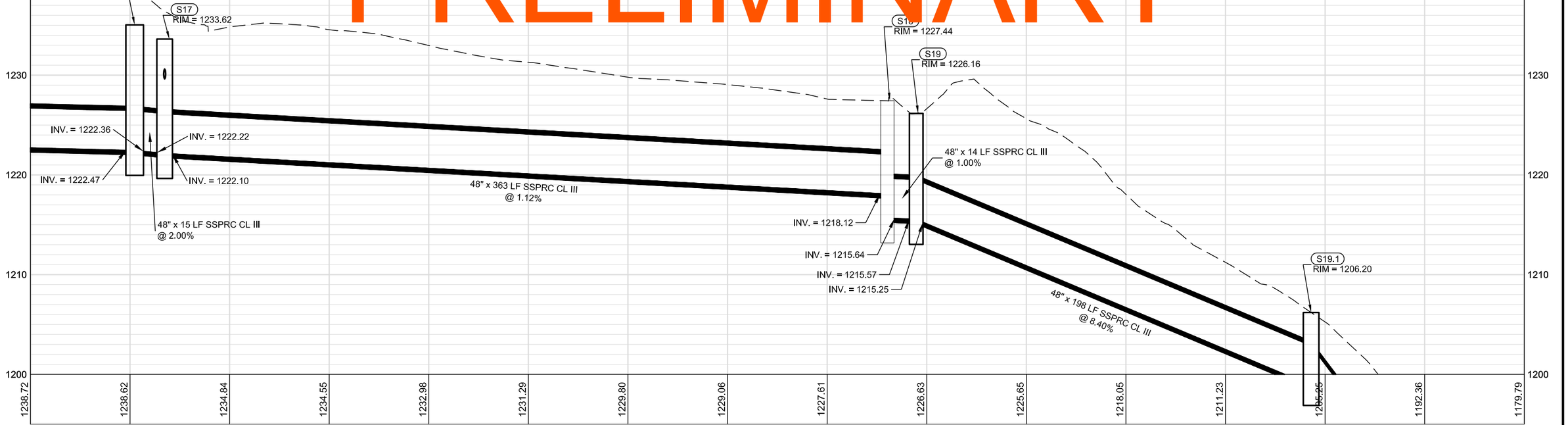
BP: 25+44.74 BD

SHARED USE PATH

ATV/SNOWMOBILE TRAIL

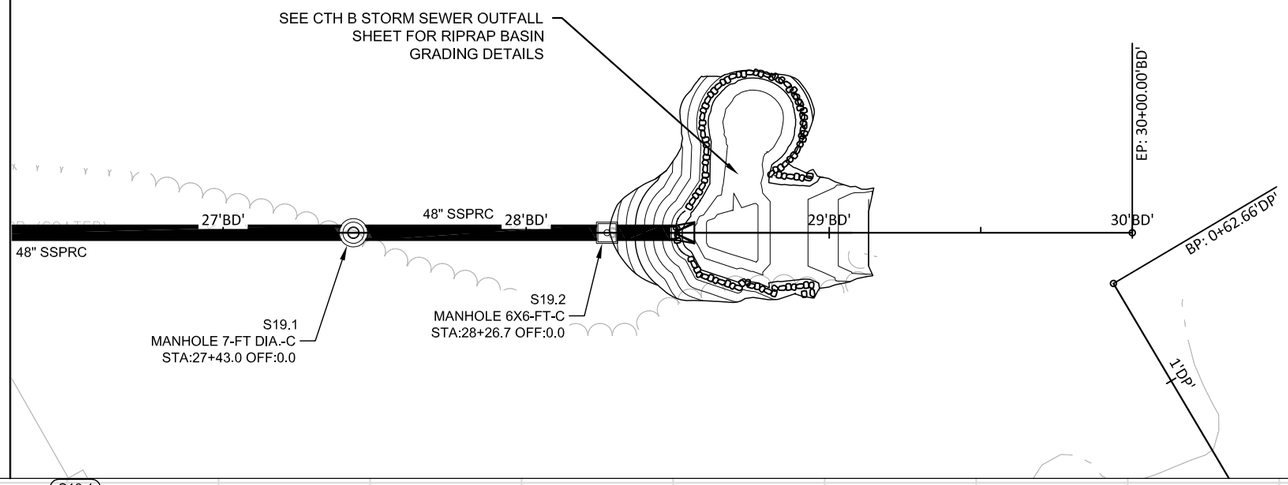
N

PRELIMINARY



PROJECT NO: 1560-31-71	HWY: USH 63	COUNTY: WASHBURN	STORM SEWER: USH 63	SHEET	E

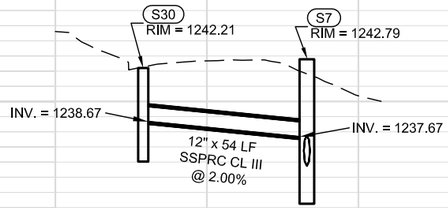
2



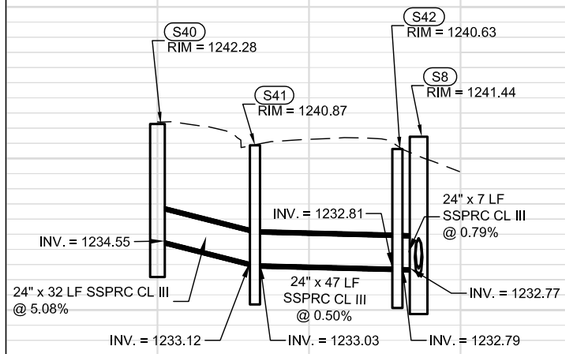
PRELIMINARY

PROJECT NO: 1560-31-71	HWY: USH 63	COUNTY: WASHBURN	STORM SEWER: USH 63	SHEET	E

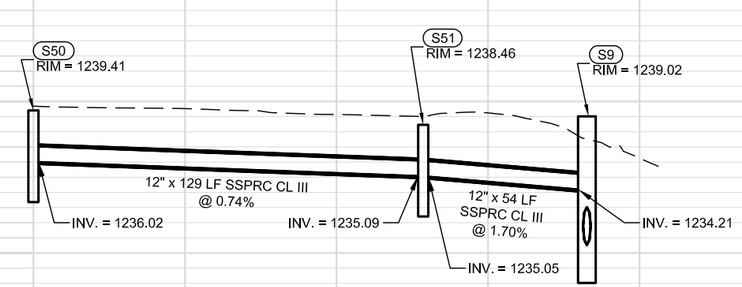
(STORM - 845-870) - 30 SERIES



(STORM - 845-870) - 40 SERIES

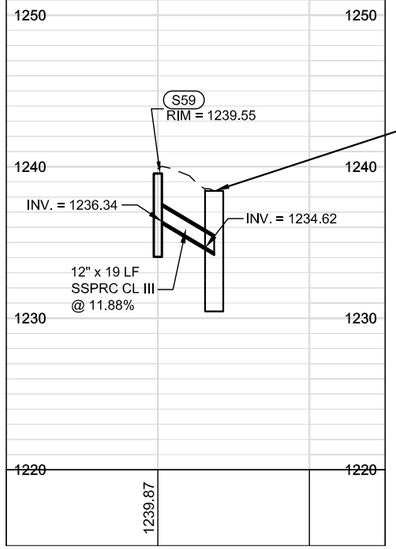


(STORM - 845-870) - 50 SERIES

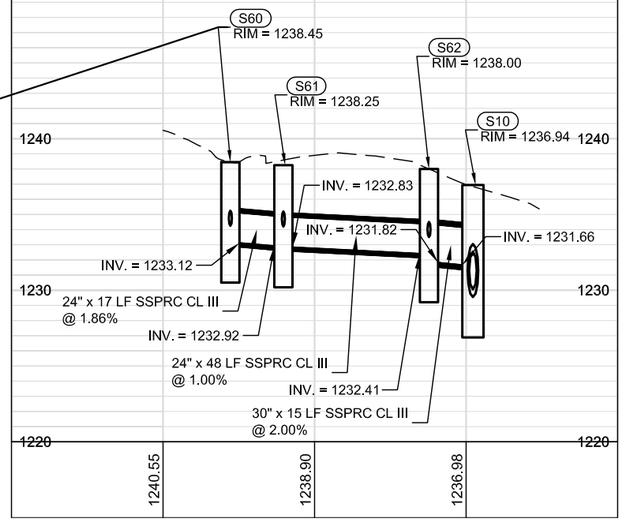


PRELIMINARY

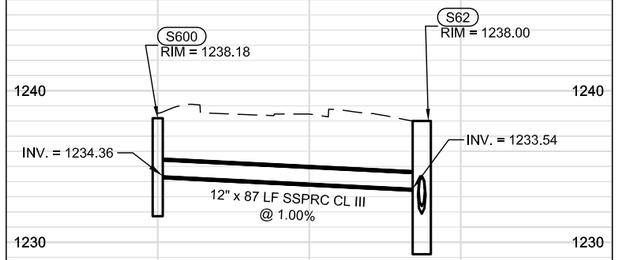
(STORM - 845-870) - 59 SERIES



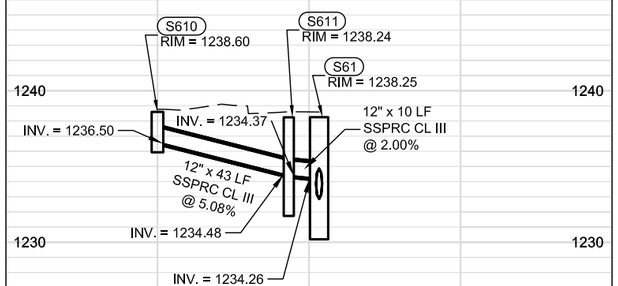
(STORM - 845-870) - 60 SERIES



(STORM - 845-870) - 600 SERIES



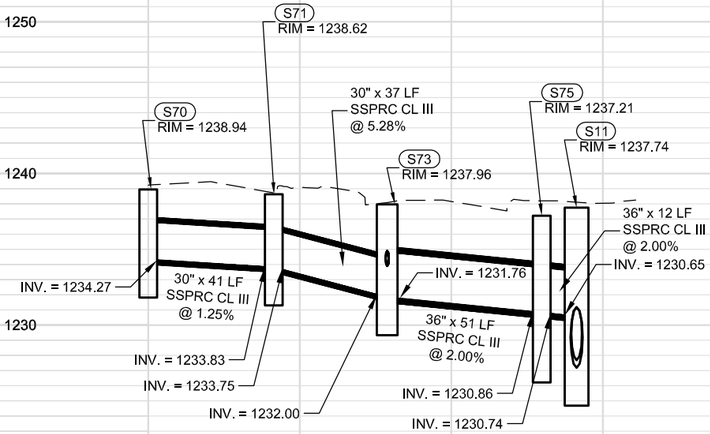
(STORM - 845-870) - 610 SERIES



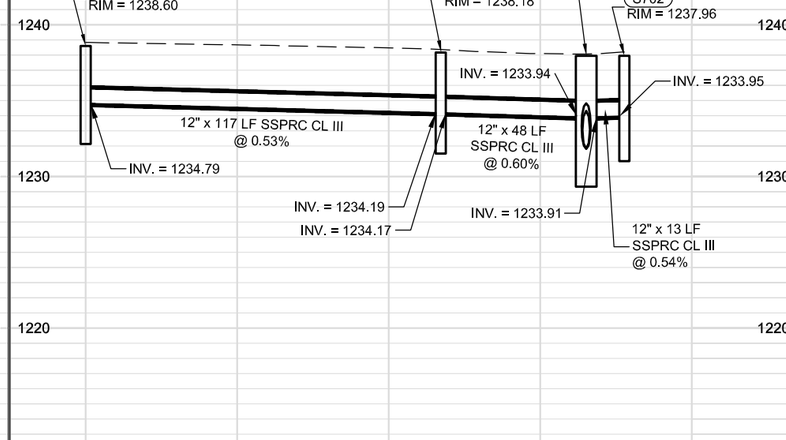
PROJECT NO: 1560-31-71	HWY: USH 63	COUNTY: WASHBURN	STORM SEWER: USH 63	SHEET	E

PRELIMINARY

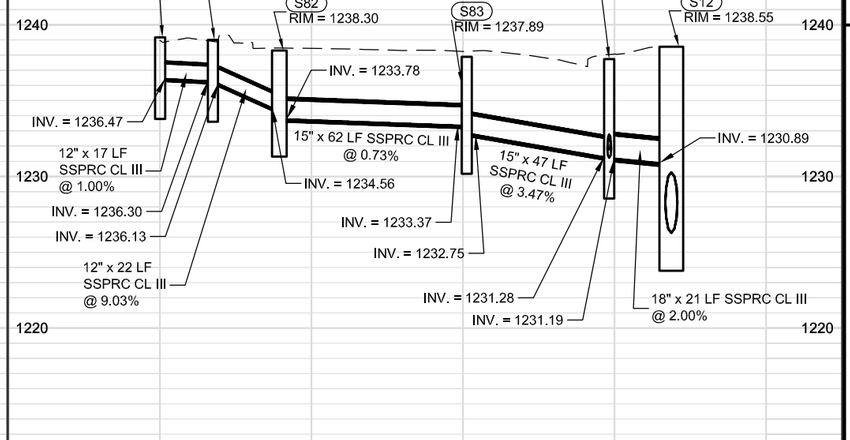
(STORM - 845-870) - 70 SERIES



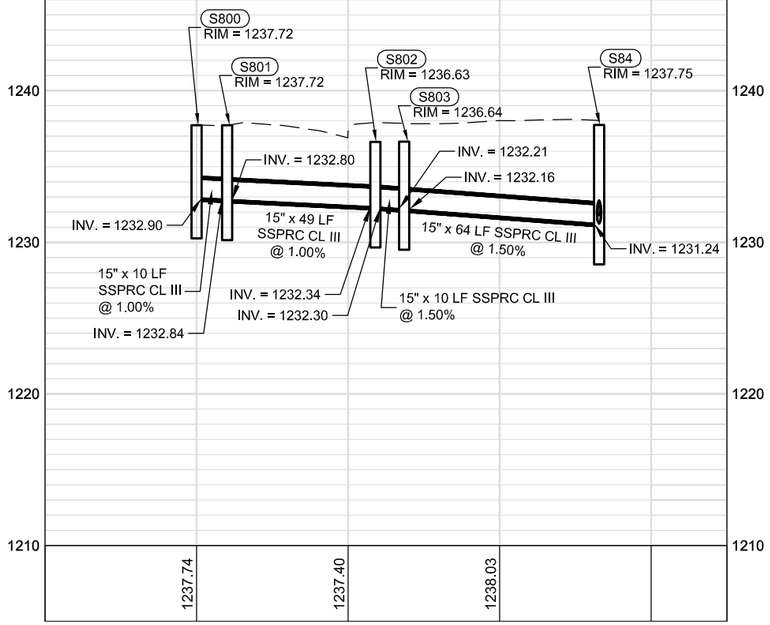
(STORM - 845-870) - 700 SERIES



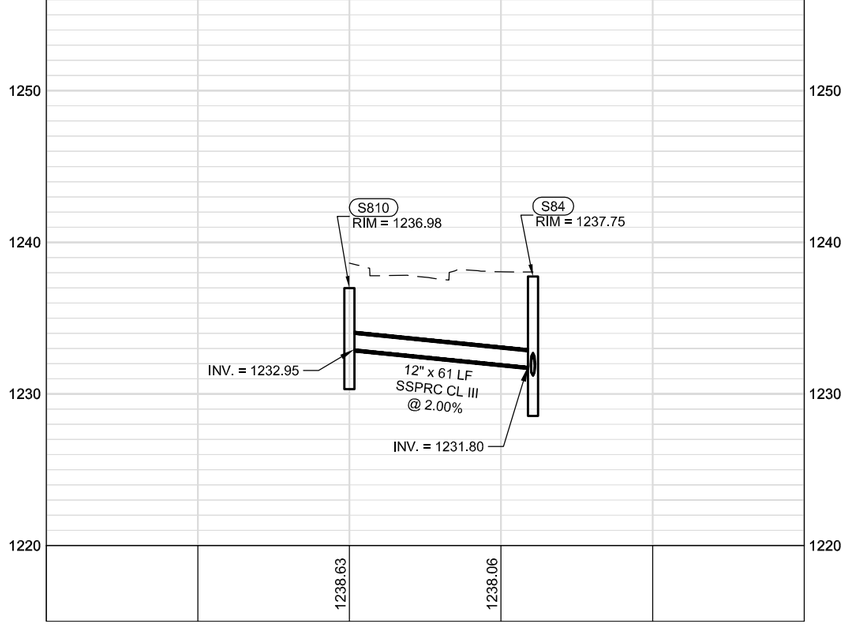
(STORM - 845-870) - 80 SERIES



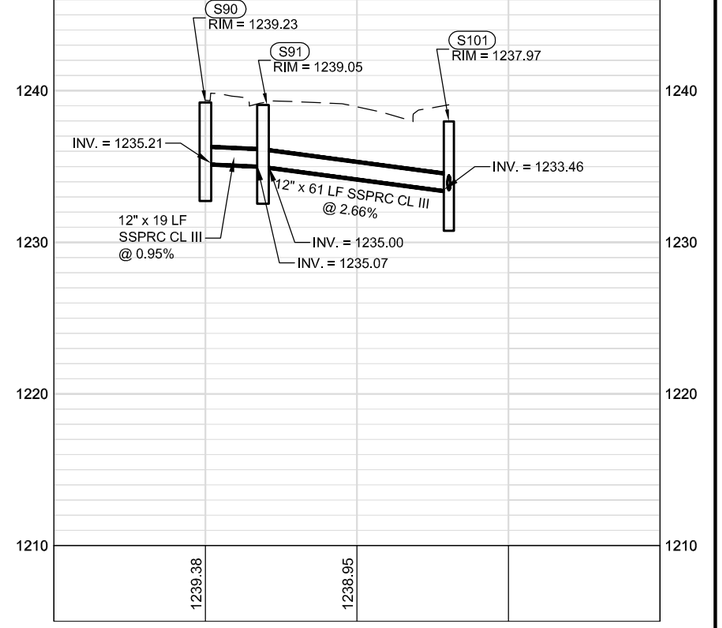
(STORM - 845-870) - 800 SERIES



(STORM - 845-870) - SERIES 8

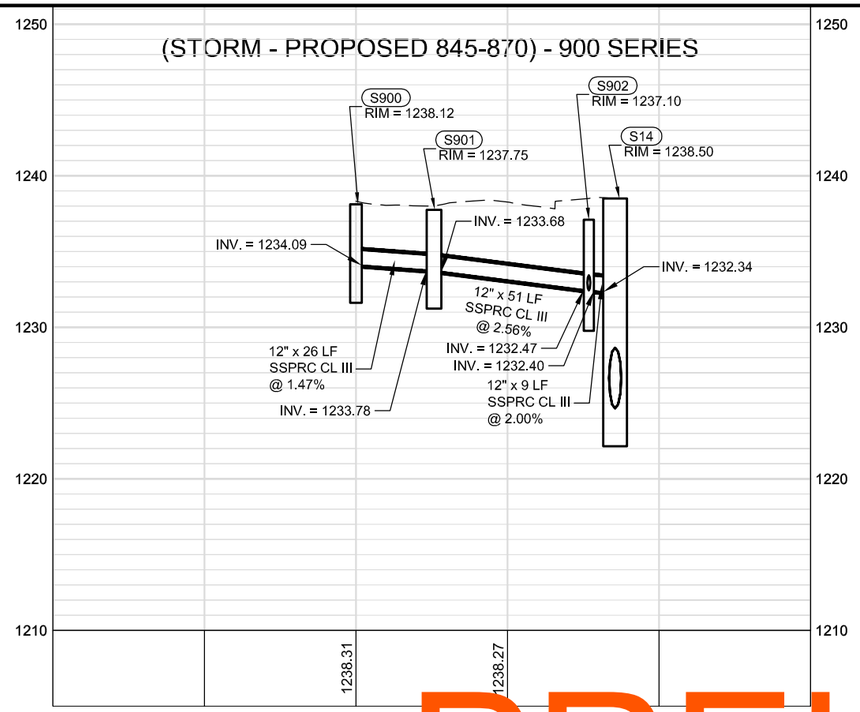


(STORM - 845-870) - 90 SERIES

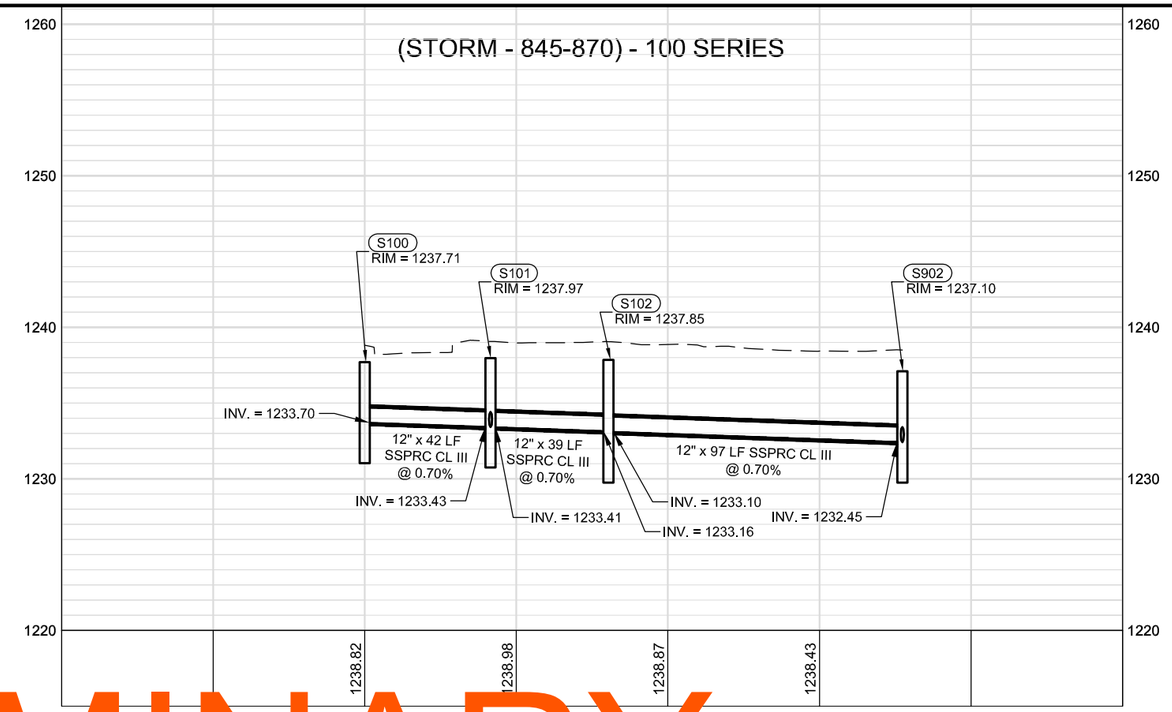


PROJECT NO: 1560-31-71	HWY: USH 63	COUNTY: WASHBURN	STORM SEWER: USH 63	SHEET	E

(STORM - PROPOSED 845-870) - 900 SERIES

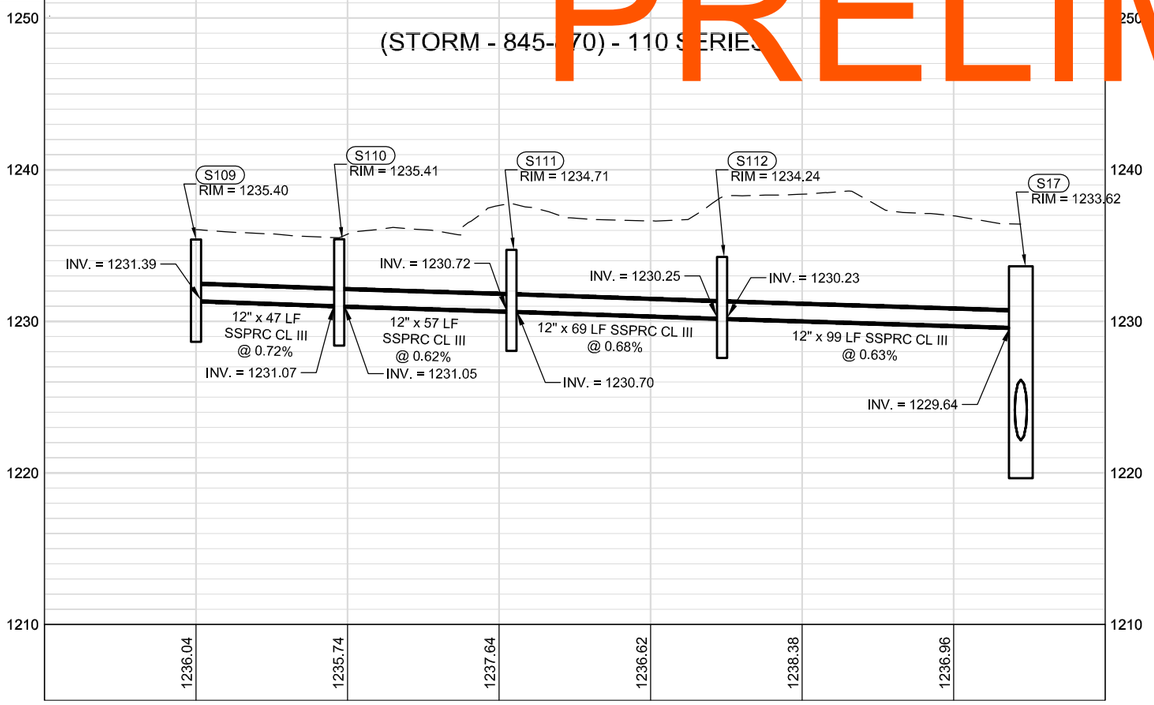


(STORM - 845-870) - 100 SERIES

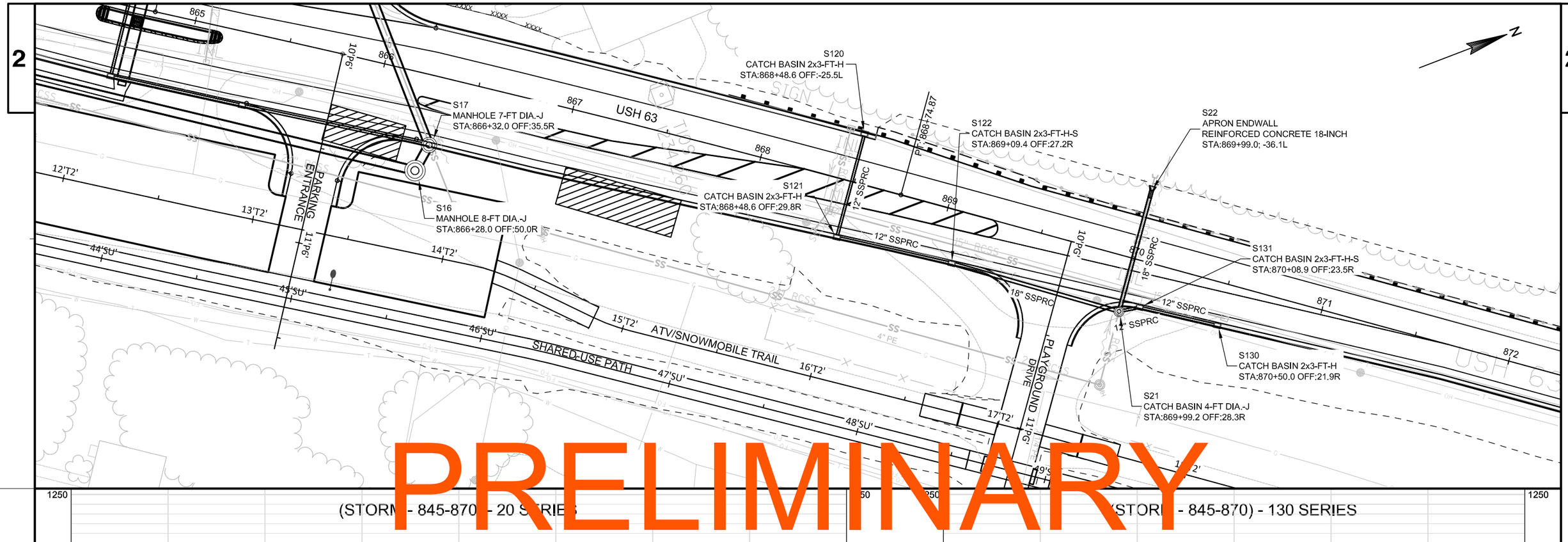


PRELIMINARY

(STORM - 845-870) - 110 SERIES

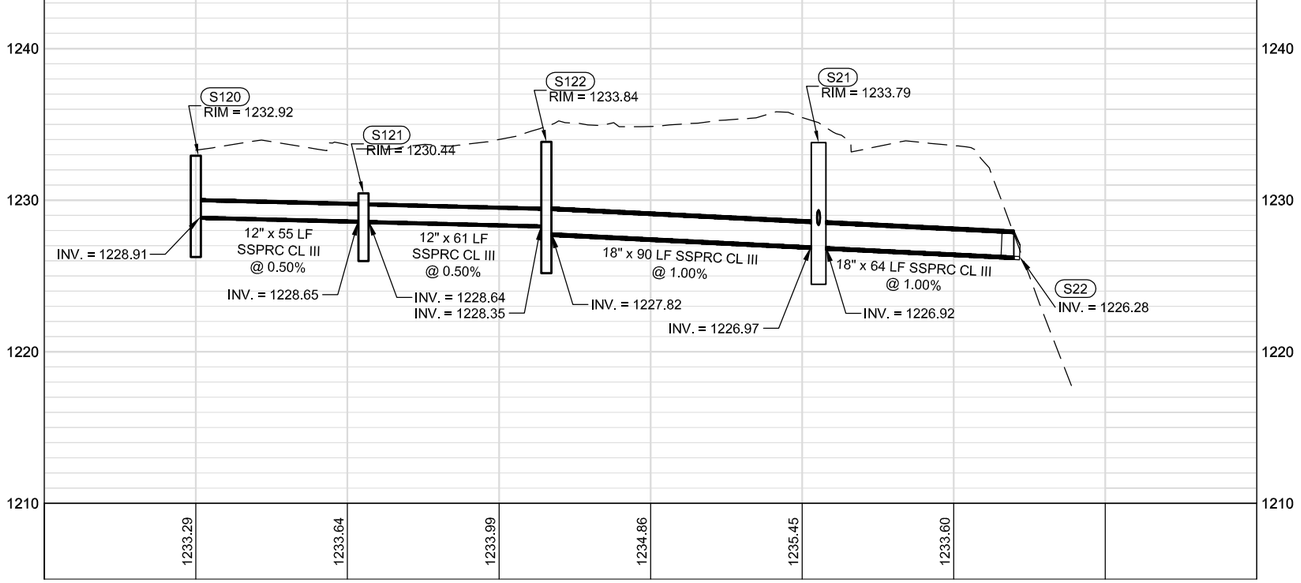


PROJECT NO: 1560-31-71	HWY: USH 63	COUNTY: WASHBURN	STORM SEWER: USH 63	SHEET	E

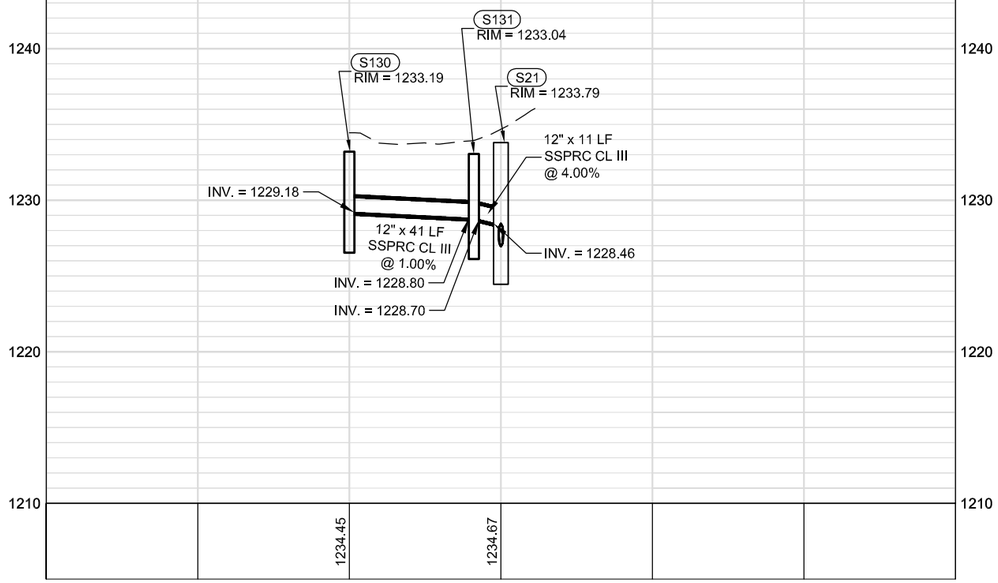


PRELIMINARY

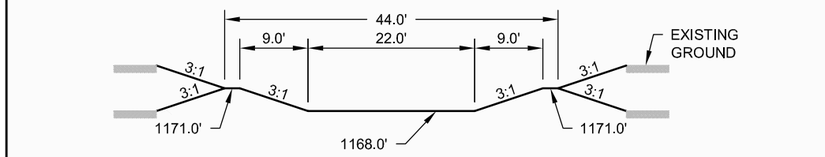
(STORM - 845-870 - 20 SERIES)



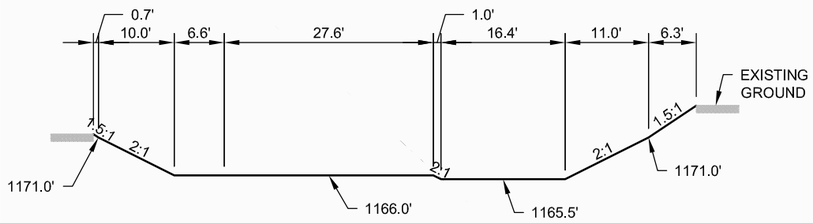
(STORM - 845-870) - 130 SERIES



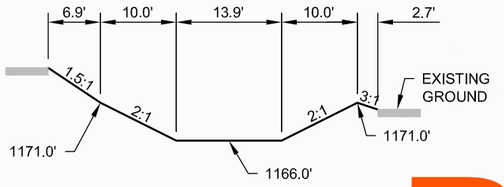
PROJECT NO: 1560-31-71	HWY: USH 63	COUNTY: WASHBURN	STORM SEWER: USH 63	SHEET	E



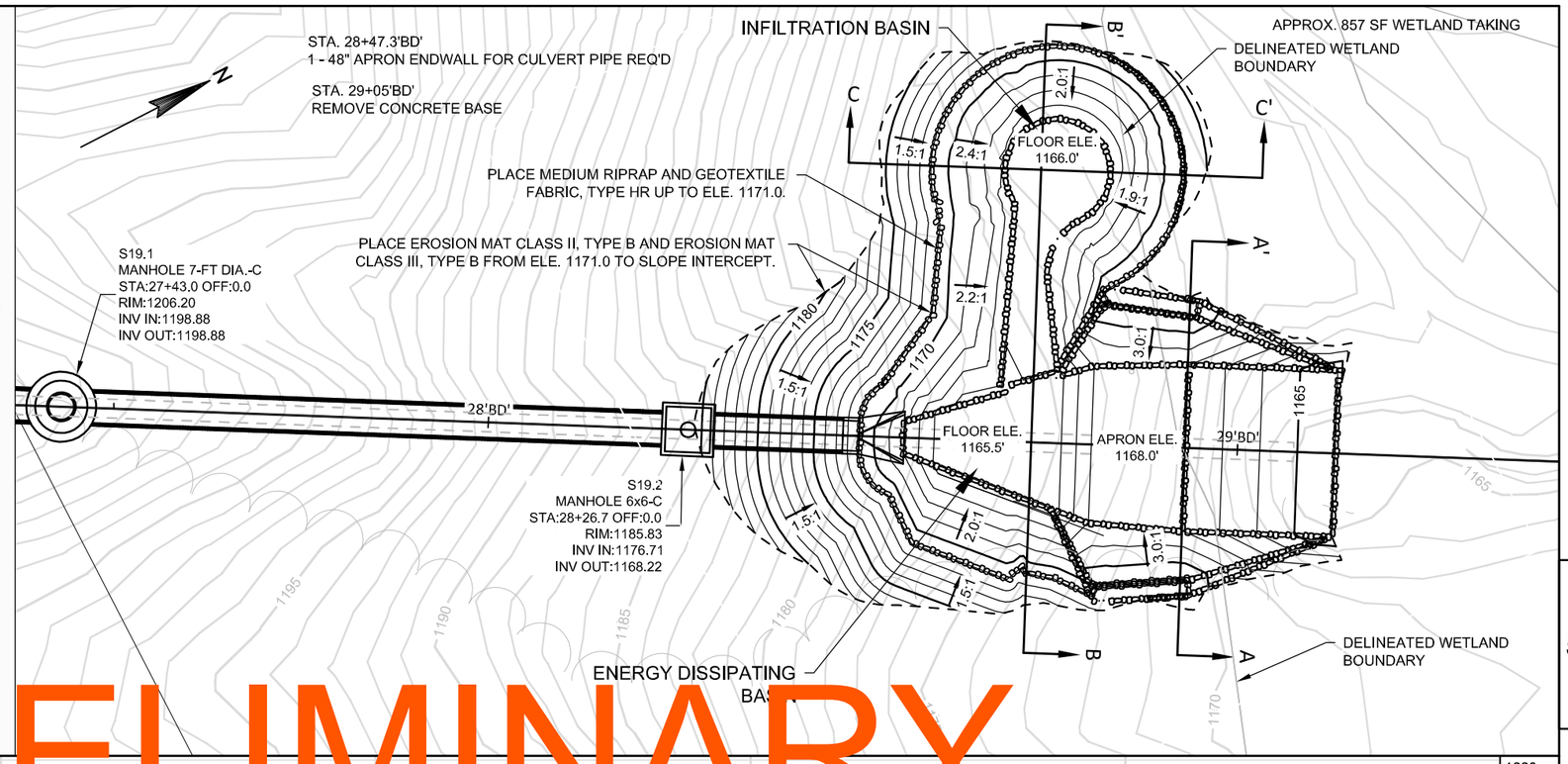
SECTION A'-A



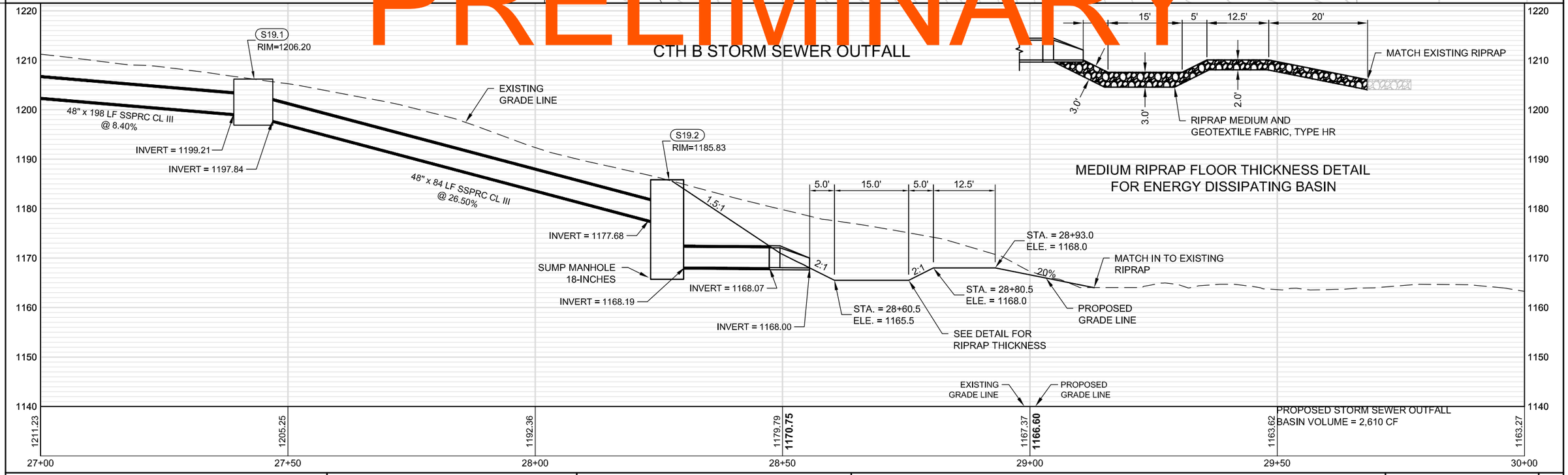
SECTION B'-B



SECTION C-C'



PRELIMINARY



MEDIUM RIPRAP FLOOR THICKNESS DETAIL
FOR ENERGY DISSIPATING BASIN

PROJECT NO: 1560-31-71	HWY: USH 63	COUNTY: WASHBURN	STORM SEWER: USH 63	SHEET _____	E

2

S191
APRON ENDWALL
REINFORCED CONCRETE 12-INCH
STA:874+82.0; -39.0L

S190
CATCH BASIN 2x3-FT-H-S
STA:874+82.0 OFF:17.5R

873 874 875 876 877 878 879

USH 63

10'PC'

11'PC'

12" SSPRC

PETERSON COURT

COMMERCIAL ENTRANCE
(FARLEY AUTOBODY)

8"C2'

9"C2'

4" PE

20'T2' 21'T2' 22'T2' 23'T2' 24'T2' 25'T2' 26'T2' 27'T2'

52'SU' 53'SU' 54'SU' 55'SU' 56'SU' 57'SU' 58'SU'

ATV/SNOWMOBILE TRAIL

SHARED-USE PATH

PRELIMINARY

1260
1250
1240
1230
1220

(STORM - 875) - 190 SERIES

S190
RIM = 1236.63

INV. = 1232.62

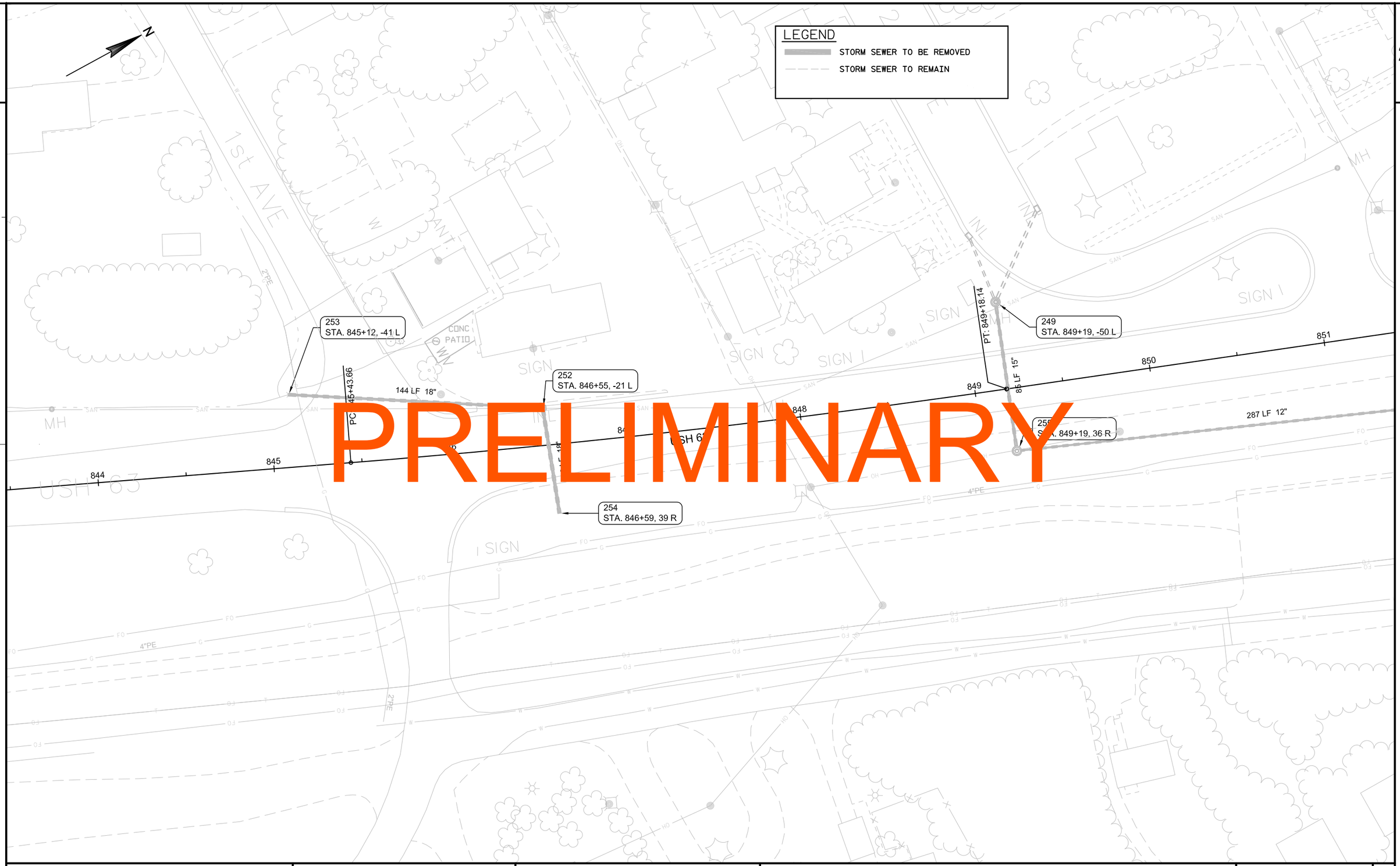
S191
INVERT = 1233.44

12" x 57 LF
SSPRC CL III
@ 0.75%

1237.06 1234.50

PROJECT NO: 1560-31-71	HWY: USH 63	COUNTY: WASHBURN	STORM SEWER	SHEET	E

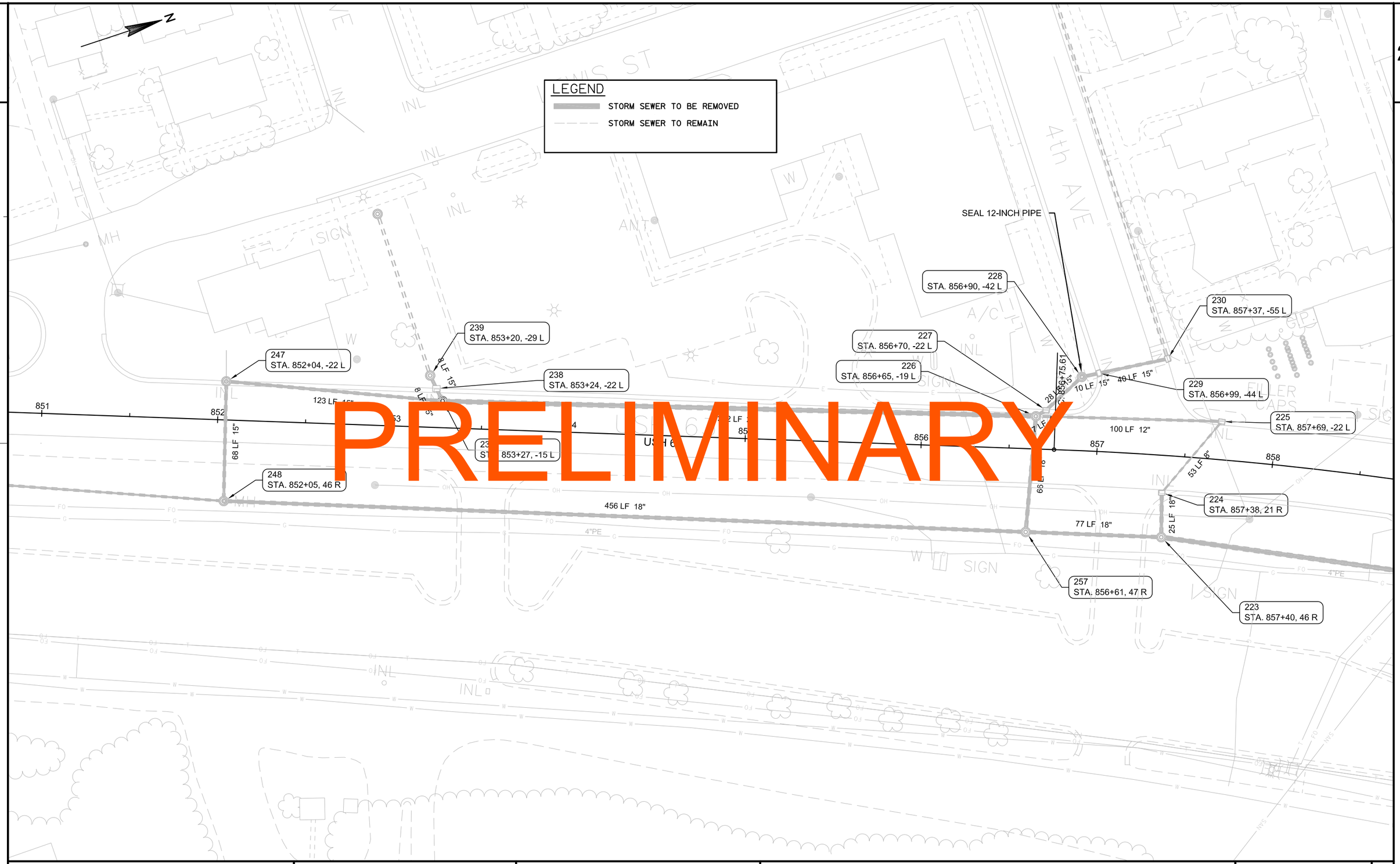
2



PRELIMINARY

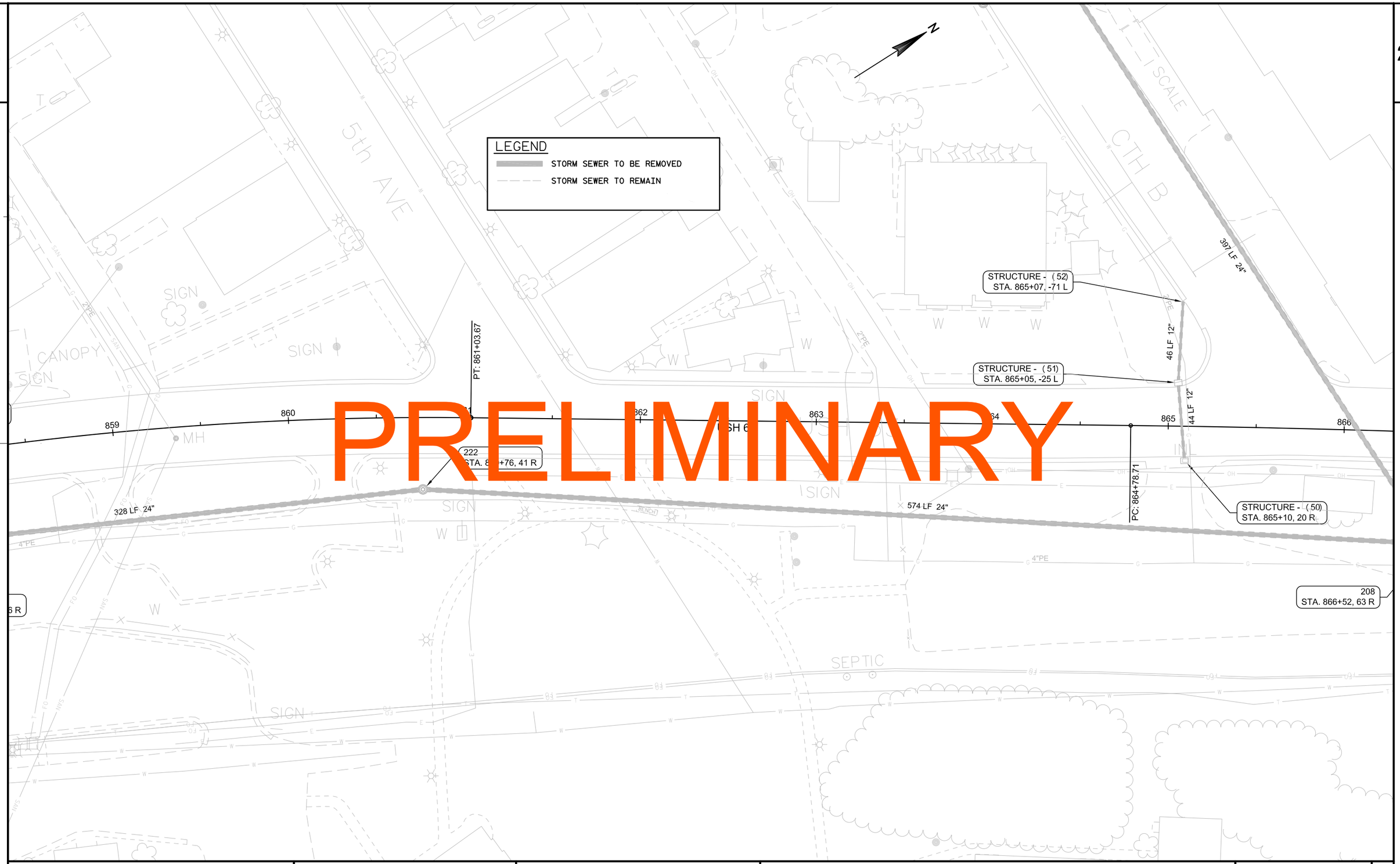
PROJECT NO: 1560-31-71	HWY: USH 63	COUNTY: WASHBURN	EXISTING STORM SEWER OVERVIEW	SHEET	E

2



PROJECT NO: 1560-31-71	HWY: USH 63	COUNTY: WASHBURN	EXISTING STORM SEWER OVERVIEW	SHEET	E

2



PRELIMINARY

PROJECT NO: 1560-31-71	HWY: USH 63	COUNTY: WASHBURN	EXISTING STORM SEWER OVERVIEW	SHEET	E

2

209
STA. 6+97, -23 L

213
STA. 6+97, -38 L

260
STA. 29+07, 0

363 LF 30"

14 LF 36"

N

LEGEND

STORM SEWER TO BE REMOVED

STORM SEWER TO REMAIN

PRELIMINARY

STRUCTURE - (52)
STA. 865+07, -71 L

46 LF 12"

STRUCTURE - (51)
STA. 865+05, -25 L

44 LF 12"

204
STA. 868+41, -26 L

PT: 868+74.87

200
STA. 869+99, -43 L

201
STA. 869+99, 18 R

202
STA. 870+53, 17 R

864 865 866 867 868 869 870 871

USH 63

PC: 864+78.71

STRUCTURE - (50)
STA. 865+10, 20 R

44 LF 15"

158 LF 15"

60 LF 24"

54 LF 15"

50 LF 24"

46 LF 24"

207
STA. 866+99, 65 R

203
STA. 868+41, 18 R

299 LF 24"

208
STA. 866+52, 63 R

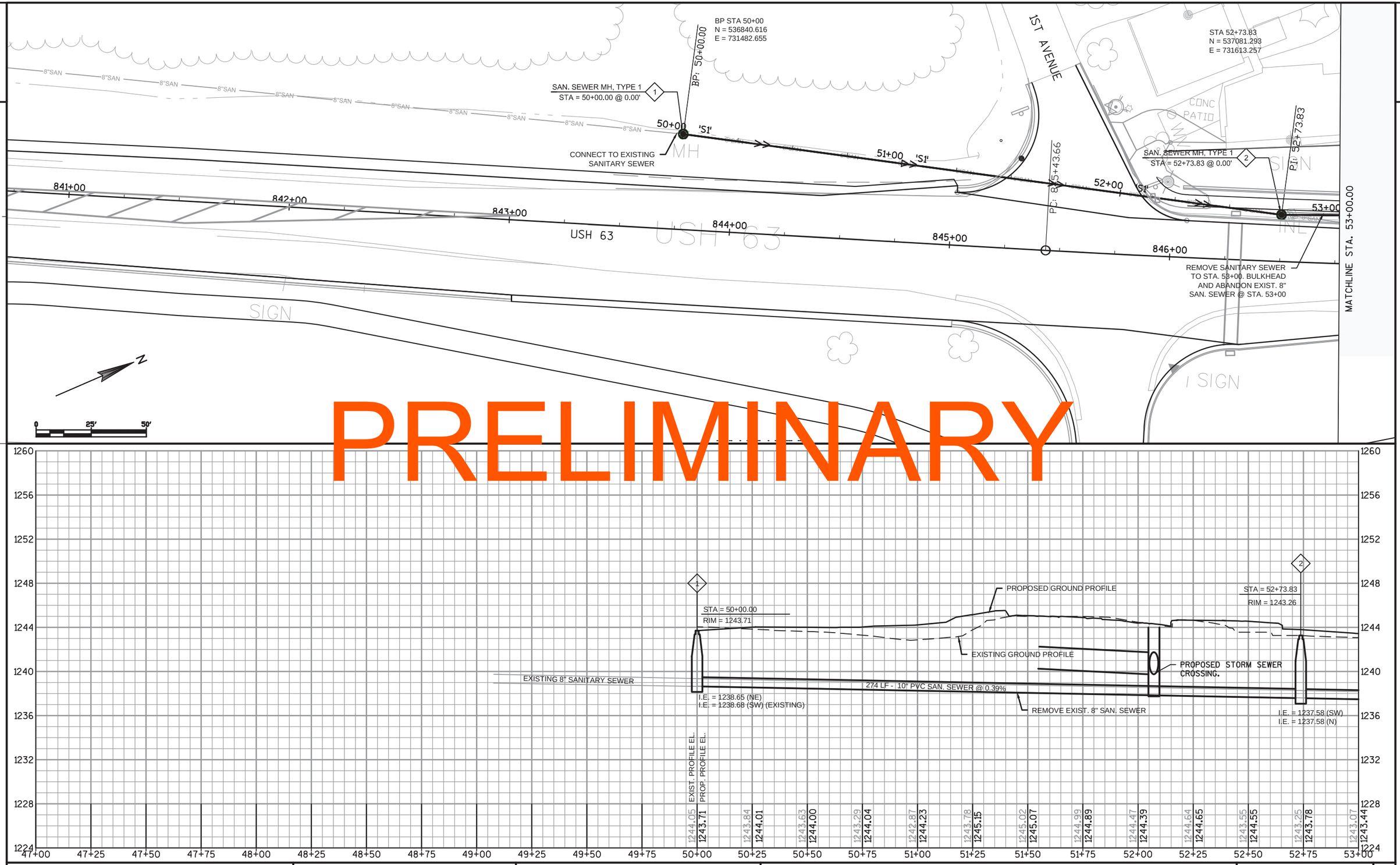
206
STA. 870+00, 67 R

PROJECT NO: 1560-31-71	HWY: USH 63	COUNTY: WASHBURN	EXISTING STORM SEWER OVERVIEW	SHEET	E

FILE NAME : \\NWBESERVER\DRAWINGS\NWBE_PROJECTS\DESIGN\1101_SHELL_LAKE_SS\C3D_12\022507_SS_REMOVALS.DWG PLOT DATE : 9/15/2014 1:20 PM PLOT BY : GARY COLBERT PLOT NAME : PLOT SCALE : 1:50_XREF

WISDOT/CADDS SHEET 44

2



PRELIMINARY

PROJECT NO: 1560-31-71	HWY: USH 63	COUNTY: WASHBURN	PLAN AND PROFILE: SANITARY SEWER RECONSTRUCTION	SHEET	E

FILE NAME : P:\530S\536\00536015\CADD RICE LAKE\C3D\CADD\SHEETSPLAN\PP SHEETS.DWG
LAYOUT NAME - PP SHEETS - 050121
PLOT DATE : 7/24/2014 10:59 AM
PLOT BY : SHAWN DOLENS
PLOT NAME :
PLOT SCALE : 1" = 40'_XREF

2

N

0 25' 50'

MATCHLINE STA. 53+00.00

2ND AVENUE

1ST STREET

STA 52+73.83
N = 537454.056
E = 731758.305

EP STA 58+00.00
N = 537566.406
E = 731700.865

CONNECT TO EXISTING SANITARY SEWER (N,W)

161 SY - ASPHALT PAVEMENT REPLACEMENT
4" ASPHALT, 10" BASE AGG.

BULKHEAD AND ABANDON EXIST. 8" SAN. SEWER @ MH

4 SAN. SEWER MH, TYPE 1
STA = 57+77.46 @ 0.00' LT

29 LF - CURB AND GUTTER REPLACEMENT

INSTALL 2" THICK POLYSTYRENE INSULATION
4' WIDE STA. 53+50 TO STA. 57+00

REMOVE EXISTING SAN. MANHOLE

102 SY - TURF RESTORATION

PI: 56+73.82

849+18.14

'S1'

54+00 55+00 56+00 57+00 58+00

847+00 848+00 849+00 850+00 851+00 852+00

USH 63

3 SAN. SEWER MH, TYPE 1
STA = 56+73.82 @ 0.00' LT

BULKHEAD AND ABANDON EXIST. 8" SAN. SEWER

PRELIMINARY

PROPOSED GROUND PROFILE

EXISTING GROUND PROFILE

INSULATE STA. 53+50 TO STA. 57+00

400 LF - 10" PVC SAN. SEWER @ 0.39%

104 LF - 10" PVC SAN. SEWER @ 0.39%

PROPOSED STORM SEWER CROSSING.

STA = 56+73.82
RIM = 1240.31
I.E. = 1235.99 (S)
I.E. = 1235.99 (NW)

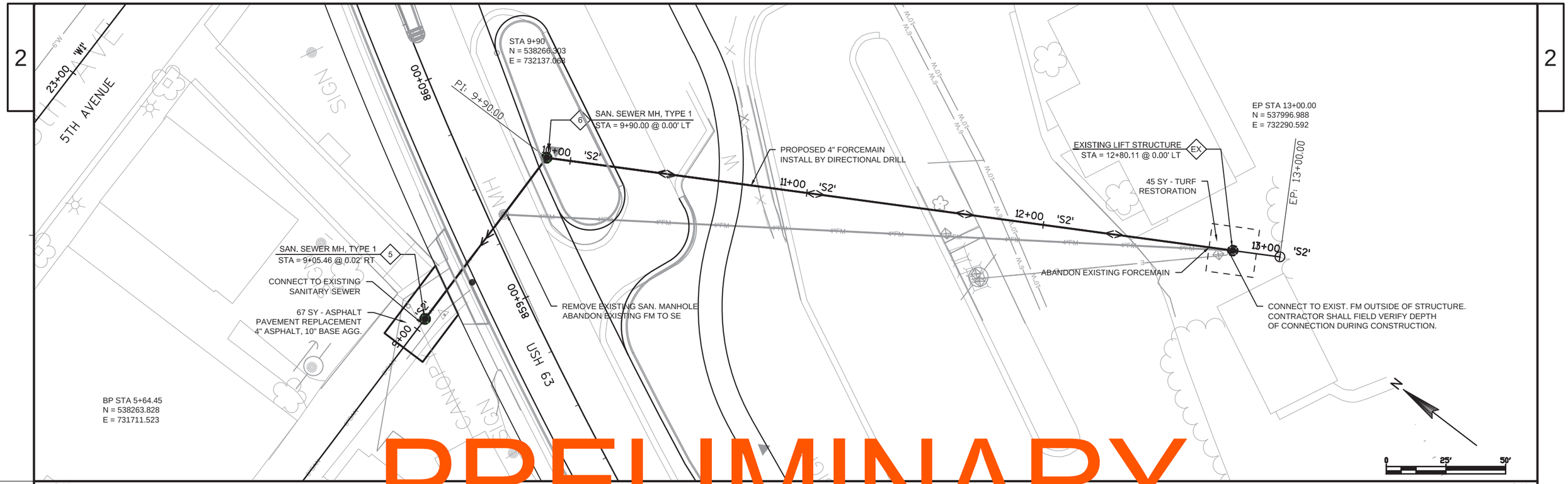
STA = 57+77.46
RIM = 1243.08
I.E. = 1235.59 (SE)
I.E. = 1235.56 (N,W) (EXISTING)

EXISTING 8" SANITARY SEWER

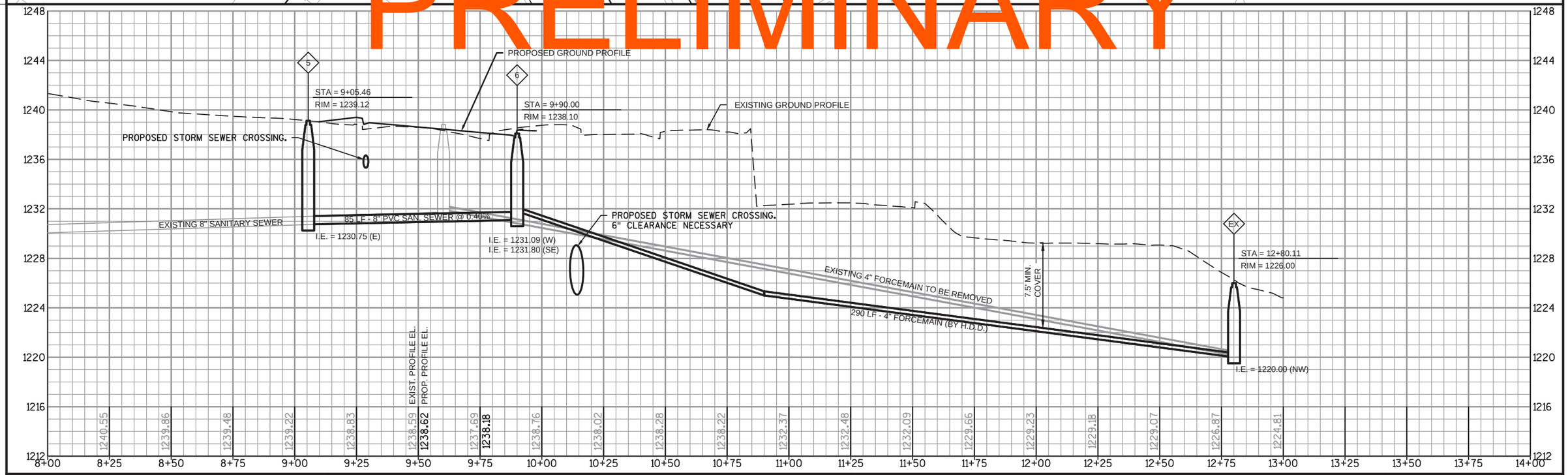
EXIST. PROFILE EL. / PROP. PROFILE EL.

| | | |

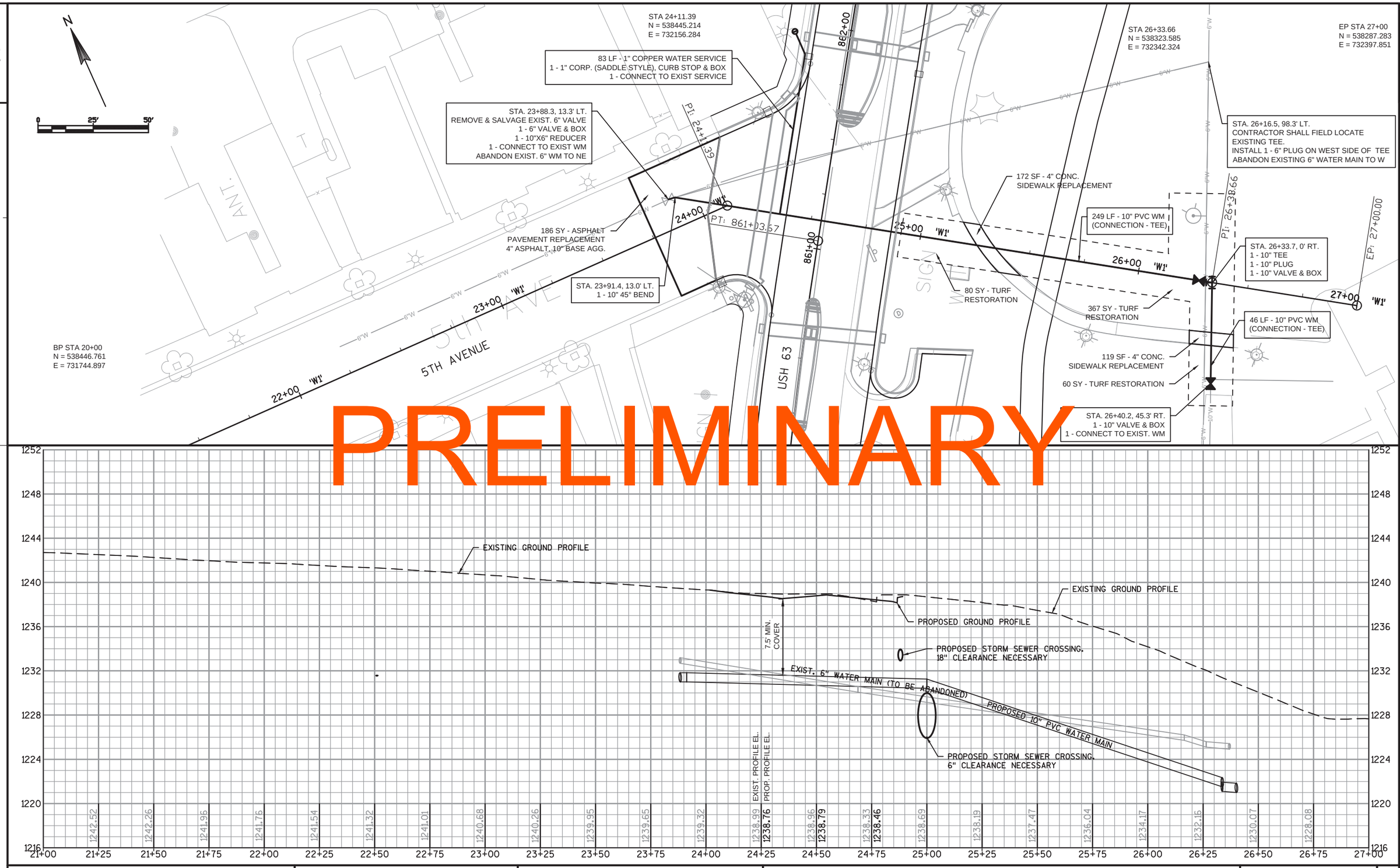
2



PRELIMINARY



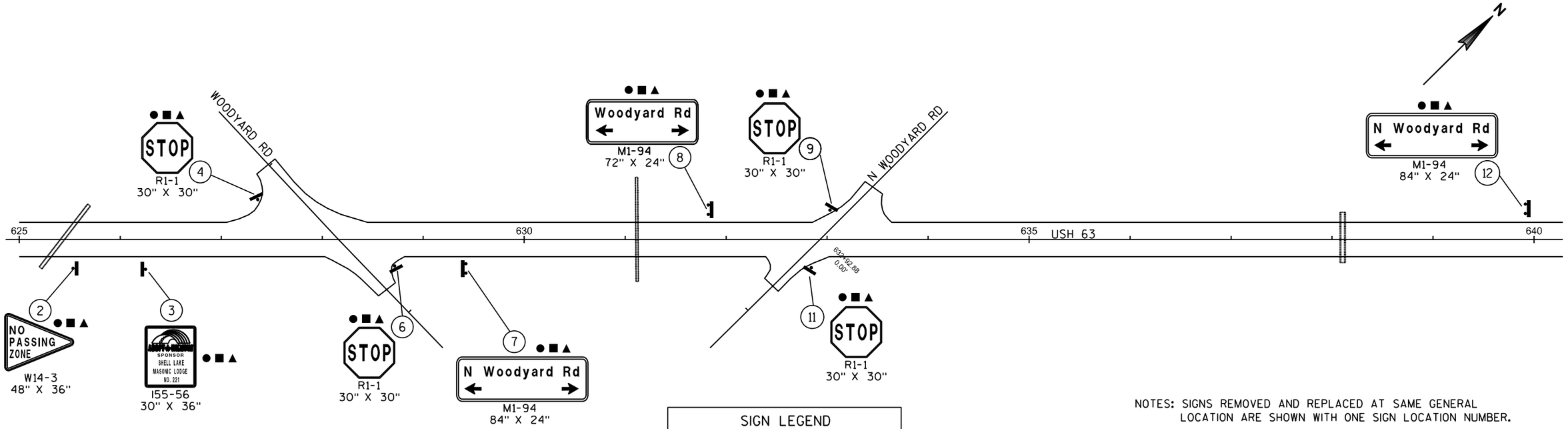
PROJECT NO: 1560-31-71	HWY: USH 63	COUNTY: WASHBURN	PLAN AND PROFILE: FM AND SAN. SEWER RECONSTRUCTION	SHEET	E



PROJECT NO: 1560-31-71	HWY: USH 63	COUNTY: WASHBURN	PLAN AND PROFILE: WATERMAIN RELOCATION	SHEET	E

FILE NAME : P:\530S\536\00536015\CADD RICE LAKE\C3D\CADD\SHEETSPLAN\PP SHEETS.DWG
PLOT DATE : 7/24/2014 11:01 AM
PLOT BY : SHAWN DOLENS
PLOT NAME :
PLOT SCALE : 1" = 40'_XREF

2



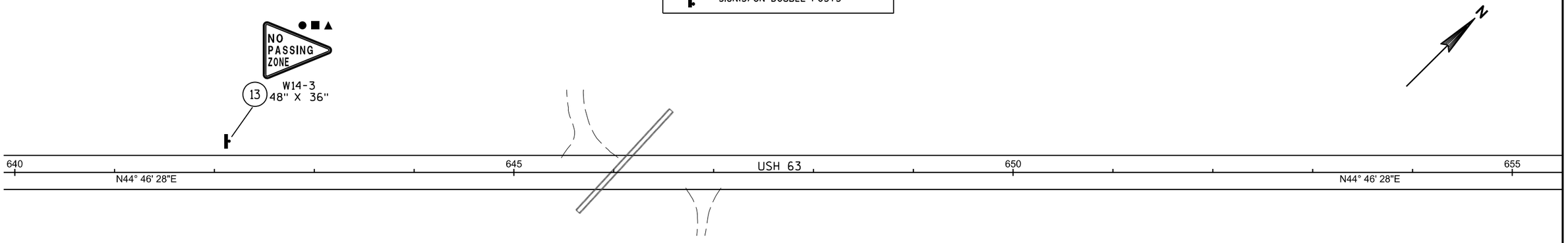
NOTES: SIGNS REMOVED AND REPLACED AT SAME GENERAL LOCATION ARE SHOWN WITH ONE SIGN LOCATION NUMBER.

N PASSING ZONE SIGNS AND POSTS TO BE INSTALLED AFTER SPOTTING IS COMPLETED. THE NUMBER AND LOCATION TO BE DETERMINED BY THE ENGINEER.

PRELIMINARY

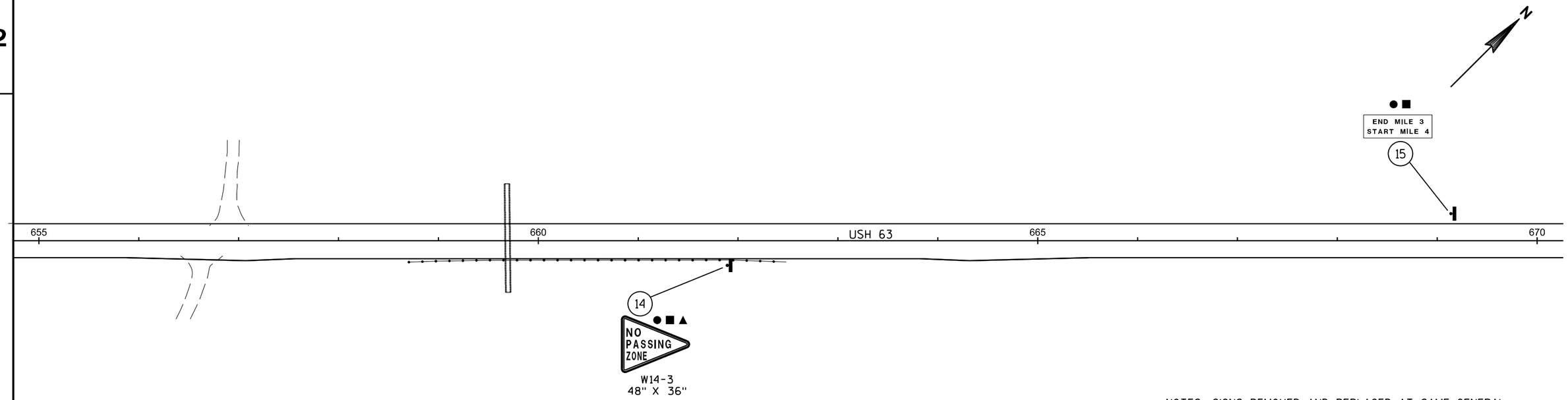
SIGN LEGEND

- MOVING SIGN TYPE II
- REMOVING SIGN & SIGN SUPPORTS
- SIGN TYPE II REFLECTIVE
- SIGN(S) ON SINGLE POST
- SIGN(S) ON DOUBLE POSTS



PROJECT NO: 1560-31-71	HWY: USH 63	COUNTY: WASHBURN	PERMANENT SIGNING	SHEET	E

2



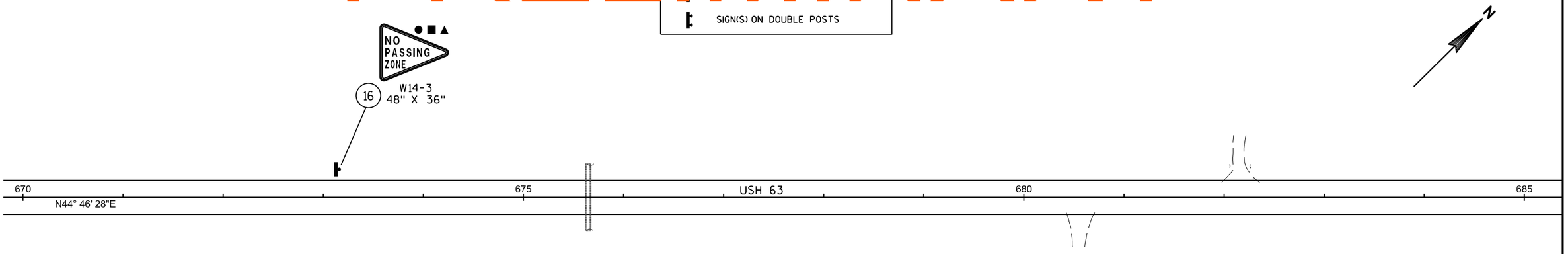
SIGN LEGEND

- MOVING SIGN TYPE II
- REMOVING SIGN SIGN SUPPORT
- SIGN TYPE II REFLECTIVE
- SIGN(S) ON SINGLE POST
- SIGN(S) ON DOUBLE POSTS

NOTES: SIGNS REMOVED AND REPLACED AT SAME GENERAL LOCATION ARE SHOWN WITH ONE SIGN LOCATION NUMBER.

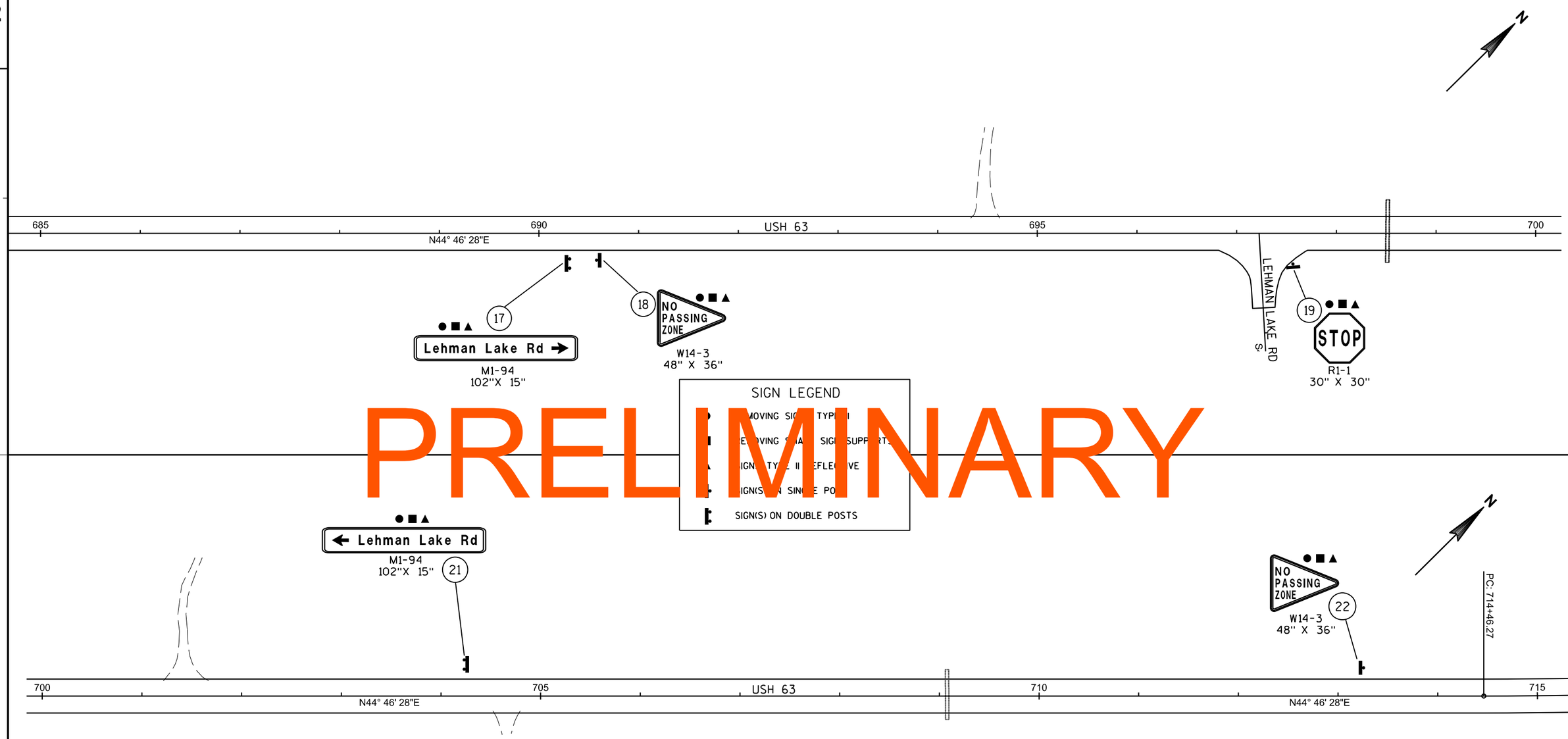
NO PASSING ZONE SIGNS AND POSTS TO BE INSTALLED AFTER SPOTTING IS COMPLETED. THE NUMBER AND LOCATION TO BE DETERMINED BY THE ENGINEER.

PRELIMINARY



PROJECT NO: 1560-31-71	HWY: USH 63	COUNTY: WASHBURN	PERMANENT SIGNING	SHEET	E

2



PRELIMINARY

NOTES: SIGNS REMOVED AND REPLACED AT SAME GENERAL LOCATION ARE SHOWN WITH ONE SIGN LOCATION NUMBER.

NO PASSING ZONE SIGNS AND POSTS TO BE INSTALLED AFTER SPOTTING IS COMPLETED. THE NUMBER AND LOCATION TO BE DETERMINED BY THE ENGINEER.

PROJECT NO: 1560-31-71	HWY: USH 63	COUNTY: WASHBURN	PERMANENT SIGNING	SHEET	E

2

PI STA = 724+92.46
Y = 525952.12
X = 726664.22
DELTA = 20°41'45"
D = 1°00'00"
T = 1046.19
L = 2069.58
R = 5729.58

PC: 714+46.27

715 720 725 730

USH 63

END MILE 2
START MILE 3

23

24

Heart Lake Rd

M1-94
96" X 15"

PRELIMINARY

SIGN LEGEND

- MOVING SIGN TYPE II
- MOVING SIGN SIGN SUPPORTS
- SIGN TYPE II REFLECTIVE
- SIGN(S) ON SINGLE POST
- SIGN(S) ON DOUBLE POSTS

Heart Lake Rd

M1-94
96" X 15"

28

N

745

740

735

730

USH 63

N24° 04' 43"E

N24° 04' 43"E

PT: 735+15.85

HEART LAKE RD

27

STOP

R1-1
30" X 30"

26

NO PASSING ZONE

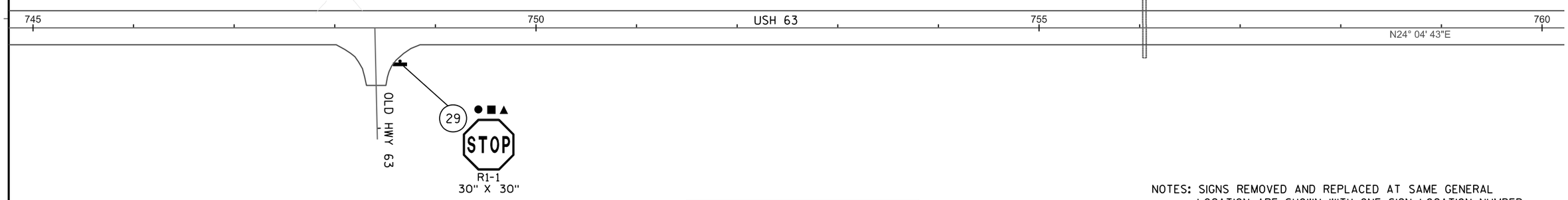
W14-3
48" X 36"

NOTES: SIGNS REMOVED AND REPLACED AT SAME GENERAL LOCATION ARE SHOWN WITH ONE SIGN LOCATION NUMBER.

NO PASSING ZONE SIGNS AND POSTS TO BE INSTALLED AFTER SPOTTING IS COMPLETED. THE NUMBER AND LOCATION TO BE DETERMINED BY THE ENGINEER.

PROJECT NO: 1560-31-71	HWY: USH 63	COUNTY: WASHBURN	PERMANENT SIGNING	SHEET	E

2



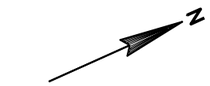
NOTES: SIGNS REMOVED AND REPLACED AT SAME GENERAL LOCATION ARE SHOWN WITH ONE SIGN LOCATION NUMBER.

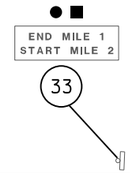
NO PASSING ZONE SIGNS AND POSTS TO BE INSTALLED AFTER SPOTTING IS COMPLETED. THE NUMBER AND LOCATION TO BE DETERMINED BY THE ENGINEER.

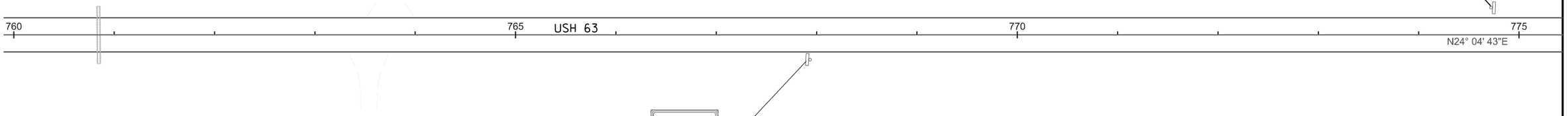
PRELIMINARY

SIGN LEGEND

- REMOVING SIGN TYPE II
- REMOVING SIGN SIGN SUPPORTS
- SIGN TYPE II REFLECTIVE
- SIGN(S) ON SINGLE POST
- SIGN(S) ON DOUBLE POSTS







EXISTING SIGNS, LEAVE INPLACE

PROJECT NO: 1560-31-71	HWY: USH 63	COUNTY: WASHBURN	PERMANENT SIGNING	SHEET	E

FILE NAME : W:\NWBE_PROJECTS\DESIGN\1101_SHELL_LAKE_SS\CADD\Signing Plan & Quantities\15603171_023205_ps.dgn PLOT DATE : 12/2/2014 PLOT BY : NWBE PLOT NAME : PLOT SCALE : N/A

PRELIMINARY

SPONSOR
SHELL LAKE
MASONIC LODGE
NO. 221
155-56
30" X 36"
34

NO
PASSING
ZONE
W14-3
48" X 36"
41

STOP
R1-1
30" X 30"
47
46

HILLTOP RD

COUNTY
D
48

COUNTY
D
J13-1
24" X 45"
49

775 780 USH 63 785 790

STOP
R1-1
30" X 30"
51

36

JCT
COUNTY
D
J1-1
24" X 39"

37

JCT
COUNTY
D

39

Sarona
D1-1
60" X 15"

42

COUNTY
D
J13-1
24" X 45"

43

COUNTY
D

C.T.H. D

50

52

STOP
R1-1
30" X 30"

W12-1D
24" X 24"

SIGN LEGEND

REMOVING SIGNS TYPE II

REMOVING SIGN AND SIGN SUPPORT

SIGN TYPE II REFLECTIVE

REMOVING SIGNS TYPE I

SIGN(S) ON SINGLE POST

SIGN(S) ON DOUBLE POSTS

Sarona
D1-1
60" X 15"
56

NO
PASSING
ZONE
W14-3
48" X 36"
66

JCT
COUNTY
D
J1-1
24" X 39"
68

END
SCHOOL
ZONE
69

790 795 USH 63 800 805

54

SPONSOR
Shell Lake
State Bank
155-56
30" X 36"

57

SCHOOL
ENTRANCE

58

NO
PASSING
ZONE
W14-3
48" X 36"

62

S1-1
36" X 36"

AHEAD
63

FINES
HIGHER
64

65

SPEED
LIMIT
45
W3-5
36" X 36"

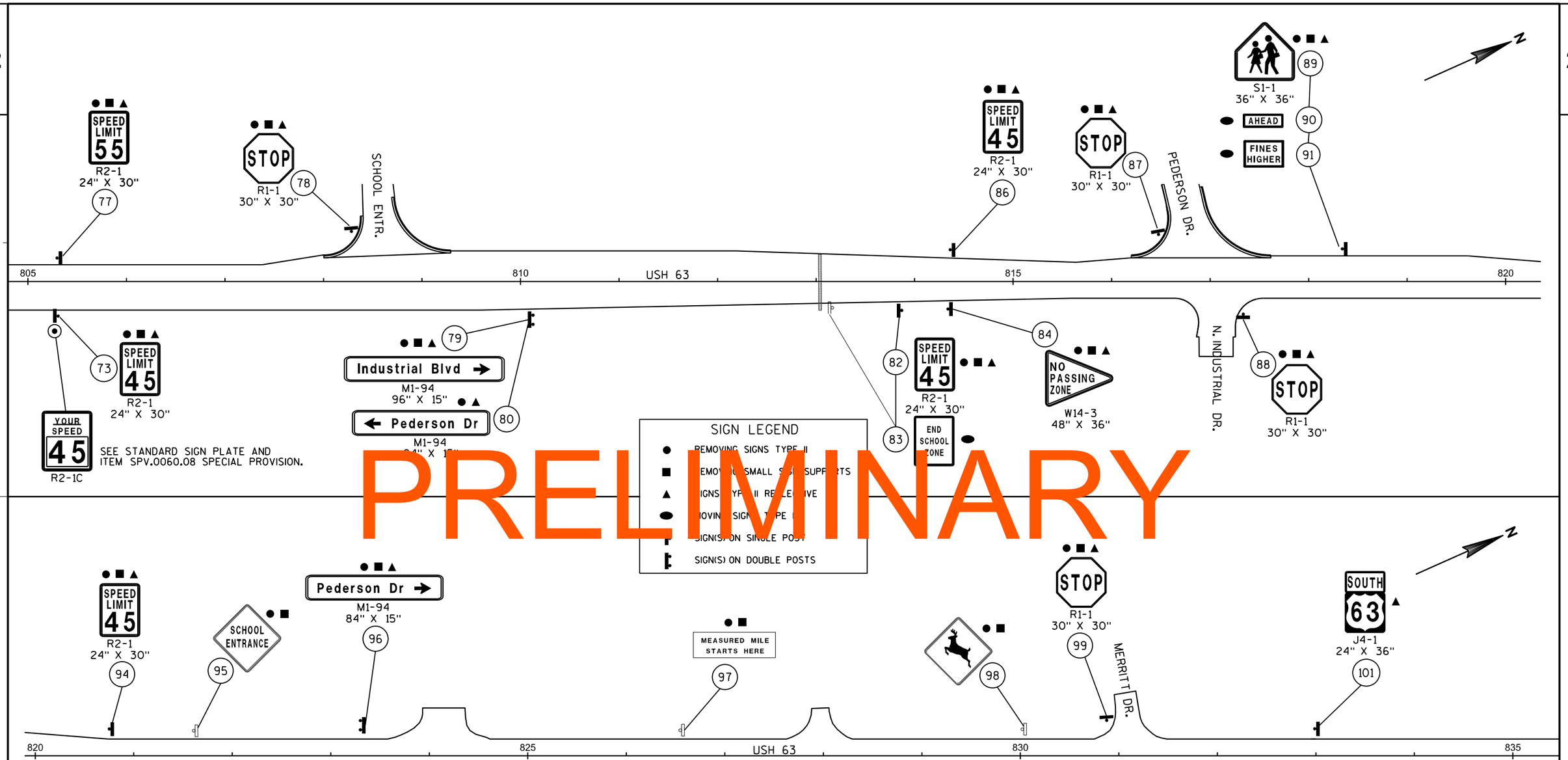
NOTES: SIGNS REMOVED AND REPLACED AT SAME GENERAL LOCATION ARE SHOWN WITH ONE SIGN LOCATION NUMBER.

NO PASSING ZONE SIGNS AND POSTS TO BE INSTALLED AFTER SPOTTING IS COMPLETED. THE NUMBER AND LOCATION TO BE DETERMINED BY THE ENGINEER.

PROJECT NO: 1560-31-71	HWY: USH 63	COUNTY: WASHBURN	PERMANENT SIGNING	SHEET	E

2

PRELIMINARY



NOTES: SIGNS REMOVED AND REPLACED AT SAME GENERAL LOCATION ARE SHOWN WITH ONE SIGN LOCATION NUMBER.

NO PASSING ZONE SIGNS AND POSTS TO BE INSTALLED AFTER SPOTTING IS COMPLETED. THE NUMBER AND LOCATION TO BE DETERMINED BY THE ENGINEER.

PROJECT NO: 1560-31-71	HWY: USH 63	COUNTY: WASHBURN	PERMANENT SIGNING	SHEET	E

2

PRELIMINARY

MEASURED MILE STARTS 1000 FT AHEAD

103

Industrial Blvd
M1-94
96" X 15"
104

107
SOUTH 63
109
Cumberland 15
D2-1
90" X 15"

SPEED LIMIT 45
R2-1
24" X 30"
113

END
R3-9D
24" X 6"
CENTER LANE
ONLY
R3-9B
24" X 36"
114
115

STOP
R1-1
30" X 30"
119

PI STA = 847+30.97
Y = 537146.52
X = 731666.73
DELTA = 03°44'41"
D = 1°00'00"
T = 187.30
L = 374.47
R = 5729.58

1ST AVE
PC: 845+43.66

STOP
R1-1
30" X 30"
125

ROAD NARROWS
W5-1
36" X 36"
127
NO PARKING ANY TIME
R7-1D
18" X 24"
128
129

130
I5-1
24" X 24"
131
PT: 849+18.14
MG6-1
21" X 21"
132

835
840
USH 63
845
850

106
Shell Lake
POPULATION 1347
I2-3
72" X 24"

111
SPEED LIMIT 35
R2-1
24" X 30"

YOUR SPEED 35
R2-1C
SEE STANDARD SIGN PLATE AND ITEM SPV.0060.08 SPECIAL PROVISION.

116
I5-1
24" X 24"
117
MK6-1
21" X 21"
NO PARKING ON CITY STREETS
118

WEST LAKE DR

120
STOP
R1-1
30" X 30"

126
SPEED LIMIT 35

123
BEGIN
R3-9C
24" X 6"
CENTER LANE
ONLY
R3-9B
24" X 36"
124

131A
132A
W11-2
30" X 30"
W16-7L
24" X 12"
131B
132B

* BAND SIGN(S) TO POLE

SIGN LEGEND
- REMOVING SIGNS TYPE II
- REMOVING SMALL SIGN SUPPORTS
- SIGNS TYPE II REFLECTIVE
- MOVING SIGNS TYPE II
- SIGN(S) ON SINGLE POST
- SIGN(S) ON DOUBLE POSTS

SPEED LIMIT 35
R2-1
24" X 30"
136

STOP
R1-1
30"X30"
145
PC: 856+75.61

W11-2
30" X 30"
W16-7L
24" X 12"
143
144

4TH AVE

H
D9-2
24" X 24"
MB6-1
21" X 21"
148
149

STOP
R1-1
30"X30"
150

151
CENTER LANE
ONLY
R3-9B
24" X 36"
152

STOP
R1-1
30"X30"
163

5TH AVE

W11-2
30" X 30"
172

R4-7
24" X 30"
165

173
W11-2
30" X 30"
W16-7R
24" X 12"
174
175
R10-25
9" X 12"

176

186
Business District
D1-56SR
42" X 21"
187
NO PARKING ANY TIME
R7-1D
18"X24"
PC: 864+78.71

STOP
R1-1
30"X30"
182

855
USH 63
860
865

SPEED LIMIT 35
R2-1
24" X 30"
134

STOP
R1-1
30" X 30"
135

137
H

W11-2
30" X 30"
AHEAD
W16-9P
24" X 12"
138
139

H
D9-2
24" X 24"
MB6-1
21" X 21"
140
141

142

STOP
R1-1
30"X 30"
146

LIBRARY
SYMBOL
155
156

157

DO NOT ENTER
R5-1
30" X 30"
153

147
Business District
D1-56SL
42" X 21"

154
STOP
R1-1
30"X30"

158
W11-2
30" X 30"
159

164
NO PARKING ANY TIME
R7-1L
18" X 24"

W11-2
30" X 30"
W16-7R
24" X 12"
R10-25
9" X 12"
168
169
171

179
NO PARKING ANY TIME
178
JCT
COUNTY
B

181
JCT
COUNTY
B
J1-1
24" X 39"

183
ROAD NARROWS
W5-1
36" X 36"
184
NO PARKING ANY TIME
R7-1R
18" X 24"

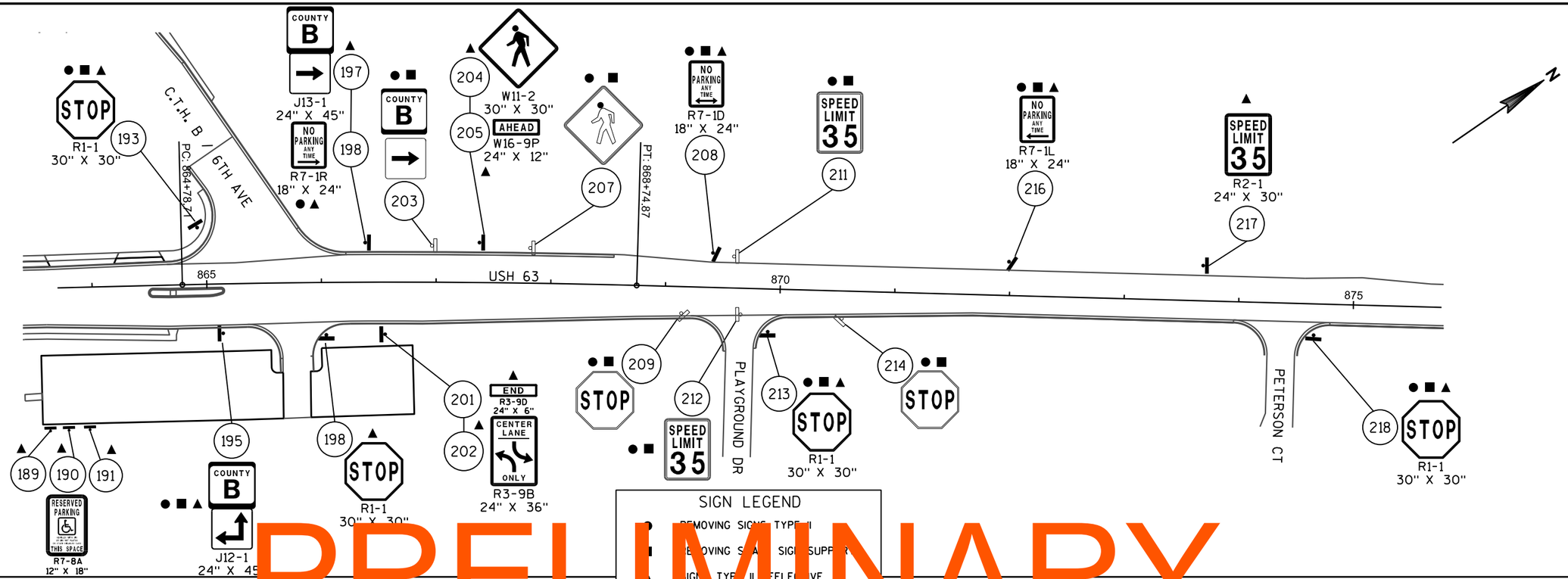
PI STA = 858+90.54
Y = 538233.95
X = 732069.72
DELTA = 12°50'30"
D = 3°00'00"
T = 214.93
L = 428.05
R = 1909.86

NOTES: SIGNS REMOVED AND REPLACED AT SAME GENERAL LOCATION ARE SHOWN WITH ONE SIGN LOCATION NUMBER.

NO PASSING ZONE SIGNS AND POSTS TO BE INSTALLED AFTER SPOTTING IS COMPLETED. THE NUMBER AND LOCATION TO BE DETERMINED BY THE ENGINEER.

PROJECT NO: 1560-31-71	HWY: USH 63	COUNTY: WASHBURN	PERMANENT SIGNING	SHEET	E

PI STA = 866+76.83
Y = 538893.59
X = 732500.97
DELTA = 02°58'17"
D = 00°45'00"
T = 198.13
L = 396.17
R = 7639.44

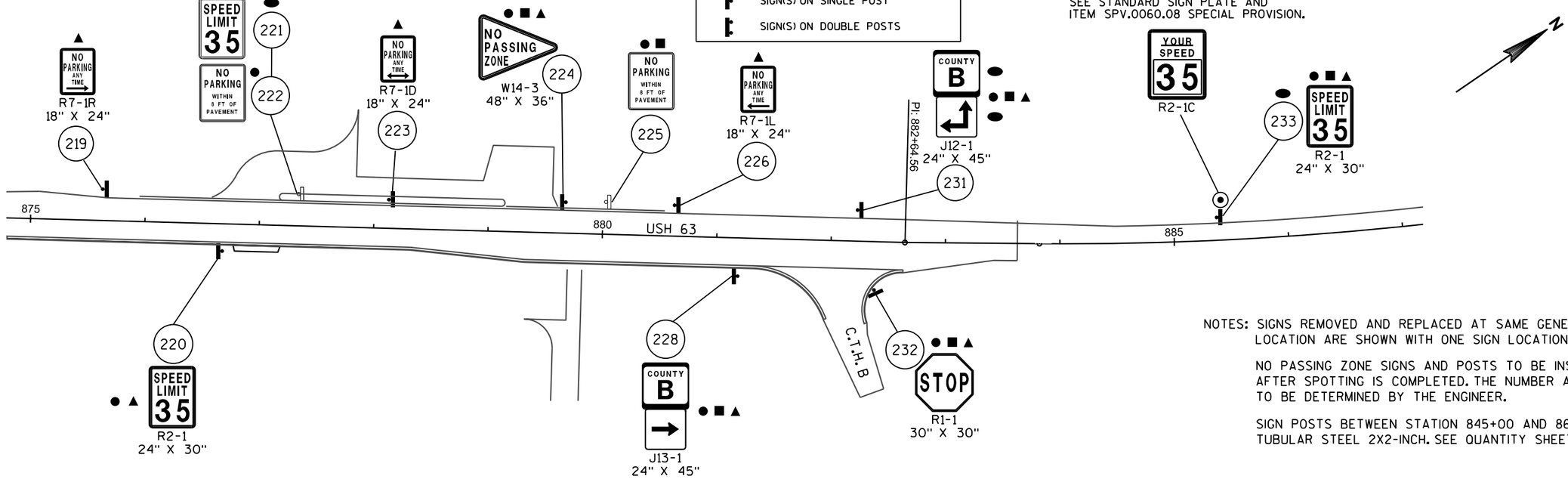


PRELIMINARY

SIGN LEGEND

- REMOVING SIGNS TYPE II
- REMOVING SIGNS AND SIGN SUPPORT
- SIGNS TYPE II REFLECTIVE
- MOVING SIGNS TYPE I
- SIGN(S) ON SINGLE POST
- SIGN(S) ON DOUBLE POSTS

SEE STANDARD SIGN PLATE AND
ITEM SPV.0060.08 SPECIAL PROVISION.



NOTES: SIGNS REMOVED AND REPLACED AT SAME GENERAL LOCATION ARE SHOWN WITH ONE SIGN LOCATION NUMBER.

NO PASSING ZONE SIGNS AND POSTS TO BE INSTALLED AFTER SPOTTING IS COMPLETED. THE NUMBER AND LOCATION TO BE DETERMINED BY THE ENGINEER.

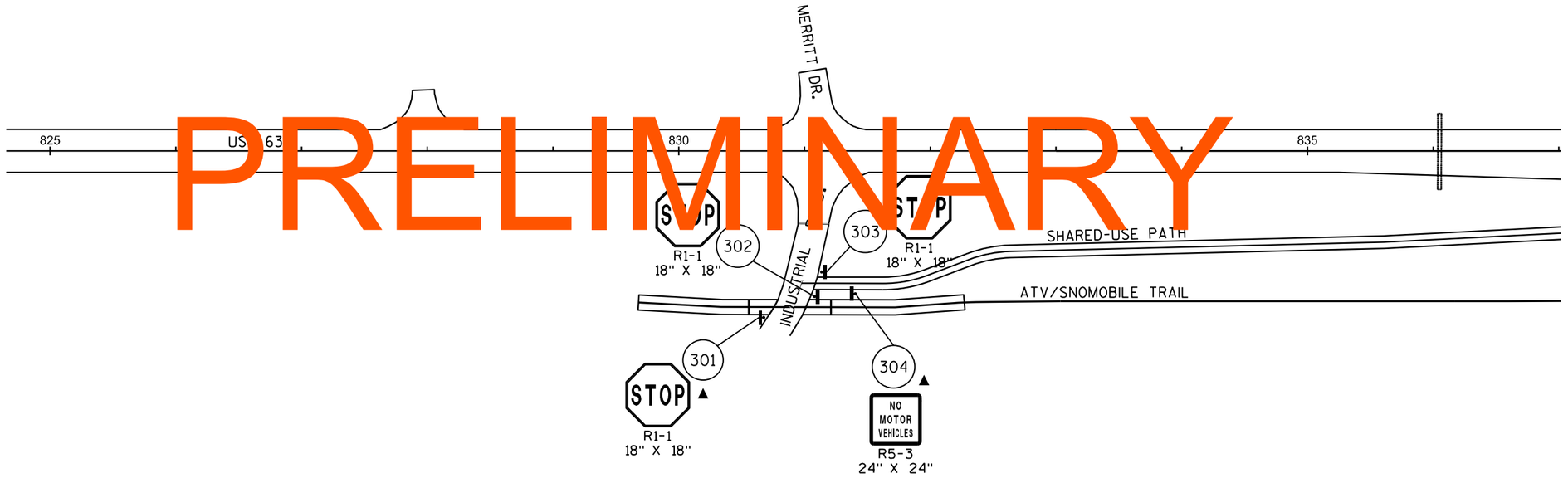
SIGN POSTS BETWEEN STATION 845+00 AND 866+00 ARE TUBULAR STEEL 2X2-INCH. SEE QUANTITY SHEET FOR LENGTHS.

PROJECT NO: 1560-31-71	HWY: USH 63	COUNTY: WASHBURN	PERMANENT SIGNING	SHEET	E

2

SIGN LEGEND

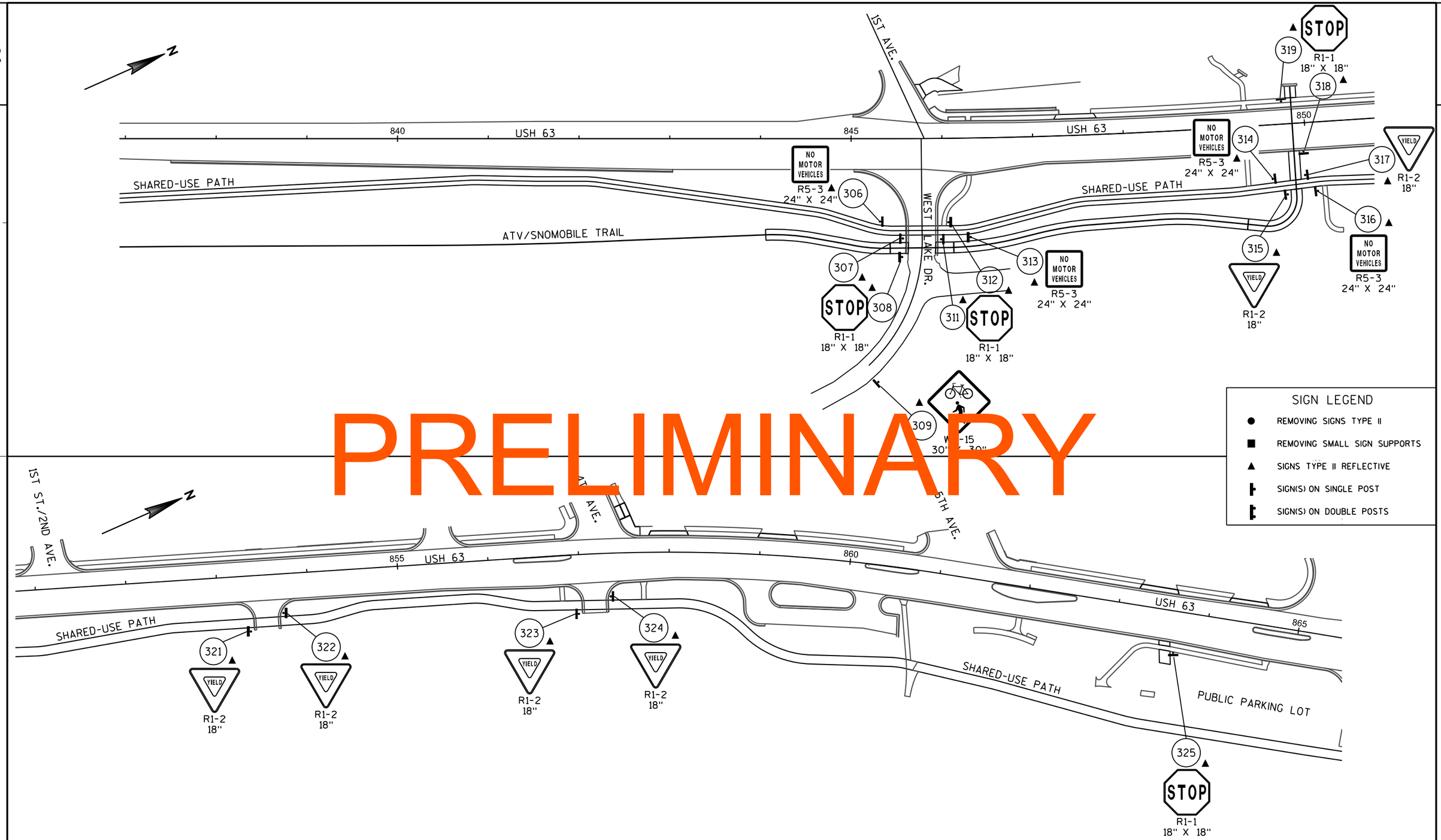
- ● REMOVING SIGNS TYPE II
- ■ REMOVING SMALL SIGN SUPPORTS
- ▲ SIGNS TYPE II REFLECTIVE
- SIGN(S) ON SINGLE POST
- SIGN(S) ON DOUBLE POSTS



PRELIMINARY

PROJECT NO: 1560-31-71	HWY: USH 63	COUNTY: WASHBURN	PERMANENT SIGNING - SHARED-USE PATH & ATV TRAIL	SHEET	E

2



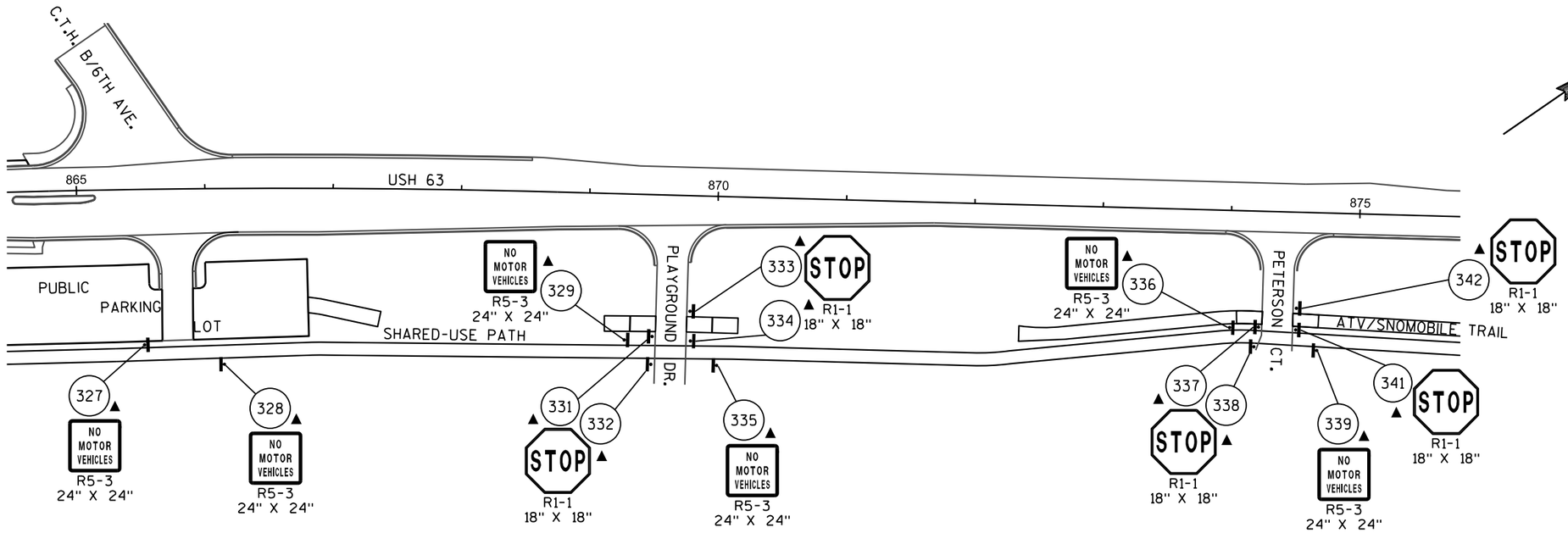
PRELIMINARY

SIGN LEGEND

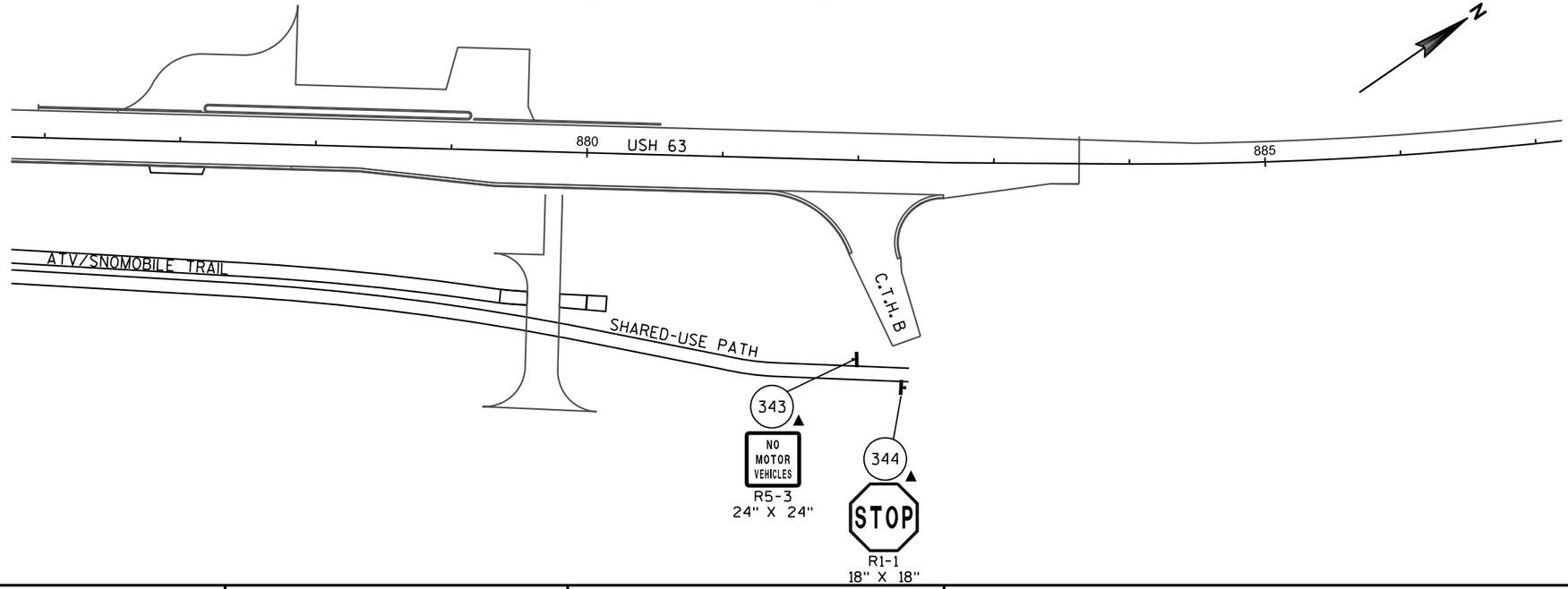
- ● REMOVING SIGNS TYPE II
- ■ REMOVING SMALL SIGN SUPPORTS
- ▲ SIGNS TYPE II REFLECTIVE
- SIGN(S) ON SINGLE POST
- SIGN(S) ON DOUBLE POSTS

PROJECT NO: 1560-31-71	HWY: USH 63	COUNTY: WASHBURN	PERMANENT SIGNING - SHARED-USE PATH & ATV TRAIL	SHEET	E

2



PRELIMINARY



SIGN LEGEND

- ● REMOVING SIGNS TYPE II
- ■ REMOVING SMALL SIGN SUPPORTS
- ▲ SIGNS TYPE II REFLECTIVE
- ⊢ SIGN(S) ON SINGLE POST
- ⊢⊢ SIGN(S) ON DOUBLE POSTS

PROJECT NO: 1560-31-71	HWY: USH 63	COUNTY: WASHBURN	PERMANENT SIGNING - SHARED-USE PATH & ATV TRAIL	SHEET	E

2

SCALE

CTH B

866

865

864

863

862

PARKING LOT

PARKING LOT

NOTE: MAINTAIN A MINIMUM OF 24" OF CLEARANCE BETWEEN THE EDGE OF PATH AND THE CLOSEST PART OF LIGHT BASE (TYP.)

STA. 865+99.11, 119.76' RT
LIGHTING UNIT NO. 2

172 L.F. OF BURIED LIGHTING CONDUIT
(INCLUDES VERTICAL RUN IN LIGHT BASES)

N

0 30 60

SCALE IN FEET

PRELIMINARY

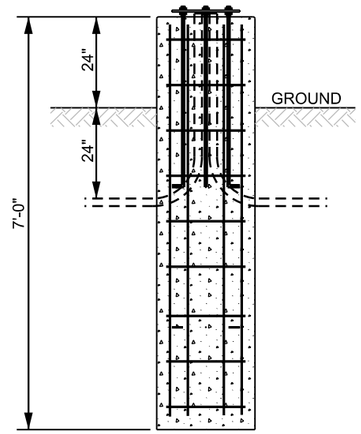
NOTE: MAINTAIN A MINIMUM OF 24" OF CLEARANCE BETWEEN THE EDGE OF PATH AND THE CLOSEST PART OF LIGHT BASE (TYP.)

STA. 864+35.22, 121.23' RT
LIGHTING UNIT NO. 1

190 L.F. OF BURIED LIGHTING CONDUIT
(INCLUDES VERTICAL RUN IN LIGHT BASE)

STA. 863+04.49, 179.36' RT. (FIELD FIT)
INSTALL PULL BOX AT EX. CONDUIT LOCATION

INSTALL AN ADDITIONAL RUN (8 FEET) OF ELECTRICAL CONDUCTOR
INSIDE THE EXISTING CONDUIT STUB AND MAKE THE CONNECTION
TO THE EXISTING LIGHTING CIRCUIT INSIDE THIS POLE BASE



CONCRETE BASE TYPE 2 MODIFIED

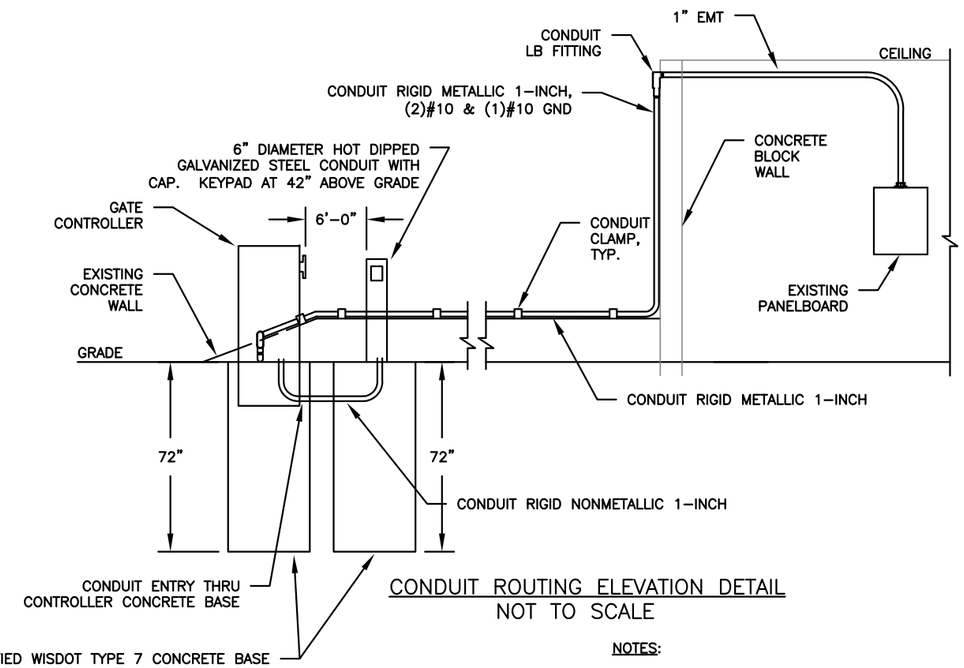
NOT TO SCALE

MSA File: ..\05973001 Parking Lot Lighting.dgn

PROJECT NO: 1560-31-71	HWY: U.S.H. 63	COUNTY: WASHBURN	MUNICIPAL PARKING LOT LIGHTING	SHEET	E

2

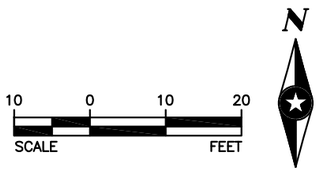
PRELIMINARY



CONDUIT ROUTING ELEVATION DETAIL
NOT TO SCALE

NOTES:

1. PROVIDE 20 AMP 2–POLE CIRCUIT BREAKER IN EXISTING PANELBOARD. MATCH MANUFACTURER AND AIC RATING.
2. PROVIDE FEEDER CONDUCTORS TO GATE CONTROLLER VIA CONDUIT RIGID METALLIC 1–INCH ATTACHED TO WALLS AND EXTERIOR CONCRETE WALL.
3. FASTEN CONDUIT TO CONCRETE WITH HOT DIP GALVANIZED TWO–HOLE CLAMPS AND STAINLESS STEEL MASONRY ANCHORS.
4. REMOVE & RESTORE BITUMINOUS PAVEMENT IN–KIND AS REQUIRED FOR INSTALLATION OF CONTROLLER & KEY PAD PEDESTAL FOUNDATIONS.



LEGEND

- 25 OHM GROUND
- ABOVE GROUND WIRING IN CONDUIT

PROJECT NO:1560–31–71	HWY:USH 63	COUNTY:WASHBURN	CLOSURE GATE SYSTEM	SHEET	E

PAVEMENT MARKING
PARKING STALL EPOXY
(4-INCH WHITE)

24' 0" 24' 0" 8' 0"

6TH AVE

N

2 2

863 864 865 866 867

ONLY

USH 63

PM DIAGONAL EPOXY 8-INCH
(YELLOW 3' C-C)

20' 0"

13' 0"
5' 0"

9' 0"

9' 0"

20' 0"

9' 0"

45° @
3' C-C

SEE PERMANENT SIGNING
PLAN FOR SIGN DETAILS

PM PARKING STALL EPOXY (4-INCH WHITE)

PAVEMENT MARKING SYMBOLS EPOXY (WHITE)

PAVEMENT MARKING DIAGONAL EPOXY 8-INCH (YELLOW)

SHARED-USE PATH

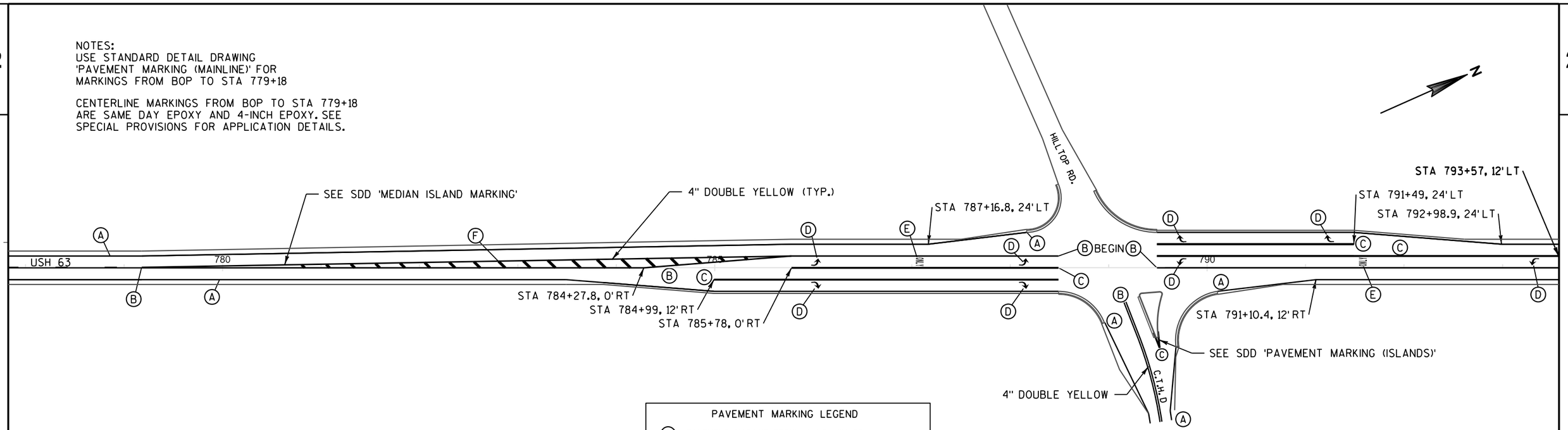
PRELIMINARY

PROJECT NO: 1560-31-71	HWY: USH 63	COUNTY: WASHBURN	PAVEMENT MARKING - PARKING LOTS	SHEET	E

FILE NAME : \\NWBESERVER\Drawings\NWBE_PROJECTS\DESIGN\1101_SHELL_LAKE_SS\CADD\Pavement Markings\15603171_024501_pm.dgn PLOT DATE : 9/17/2014 PLOT BY : NWBE PLOT NAME : PLOT SCALE : N/A

NOTES:
USE STANDARD DETAIL DRAWING
'PAVEMENT MARKING (MAINLINE)' FOR
MARKINGS FROM BOP TO STA 779+18

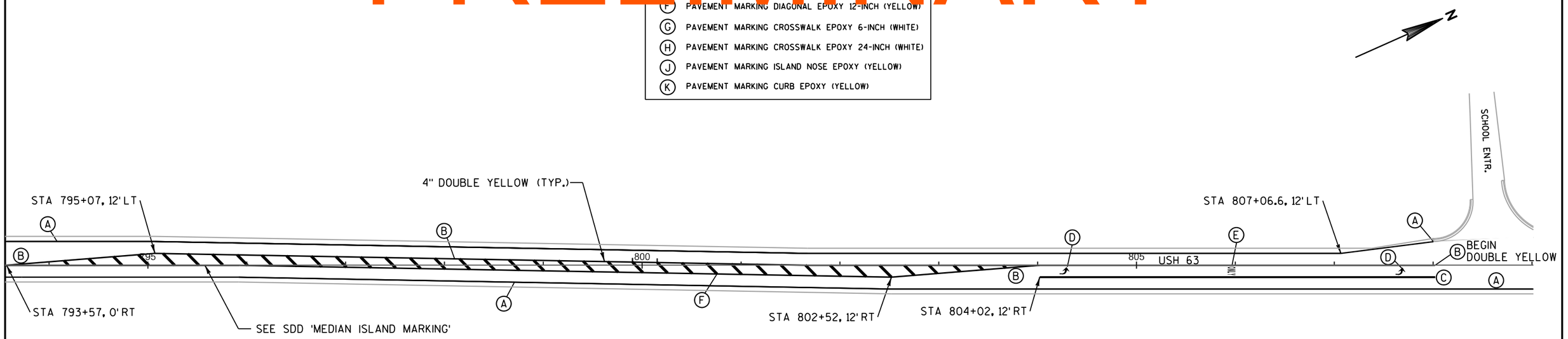
CENTERLINE MARKINGS FROM BOP TO STA 779+18
ARE SAME DAY EPOXY AND 4-INCH EPOXY. SEE
SPECIAL PROVISIONS FOR APPLICATION DETAILS.



PAVEMENT MARKING LEGEND

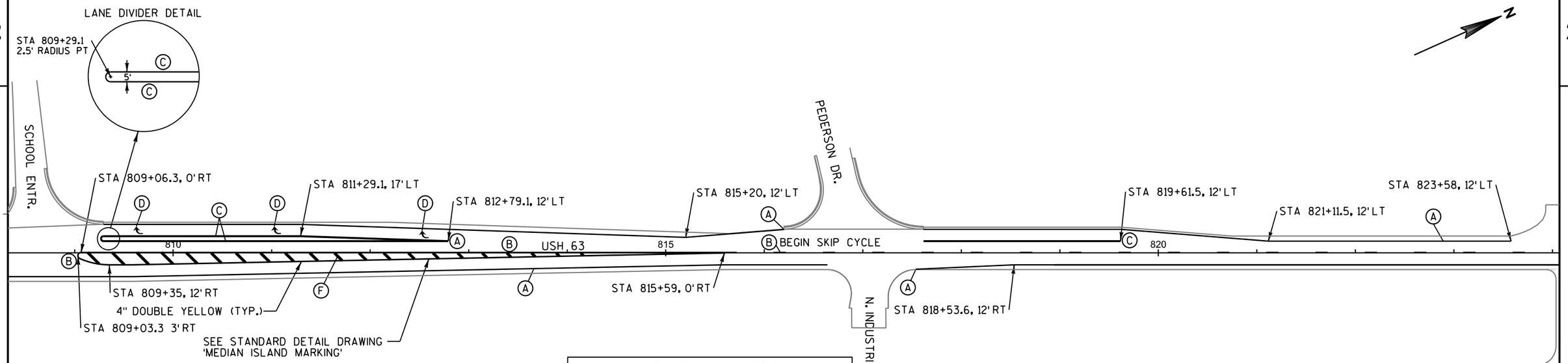
- (A) PAVEMENT MARKING EPOXY 4-INCH (WHITE)
- (B) PAVEMENT MARKING SAME DAY EPOXY 4-INCH (YELLOW)
- (C) PAVEMENT MARKING EPOXY 8-INCH (WHITE)
- (D) PAVEMENT MARKING ARROWS TYPE 2 EPOXY (WHITE)
- (E) PAVEMENT MARKING WORDS EPOXY (WHITE)
- (F) PAVEMENT MARKING DIAGONAL EPOXY 12-INCH (YELLOW)
- (G) PAVEMENT MARKING CROSSWALK EPOXY 6-INCH (WHITE)
- (H) PAVEMENT MARKING CROSSWALK EPOXY 24-INCH (WHITE)
- (J) PAVEMENT MARKING ISLAND NOSE EPOXY (YELLOW)
- (K) PAVEMENT MARKING CURB EPOXY (YELLOW)

PRELIMINARY



PROJECT NO: 1560-31-71	HWY: USH 63	COUNTY: WASHBURN	PAVEMENT MARKINGS	SHEET	E

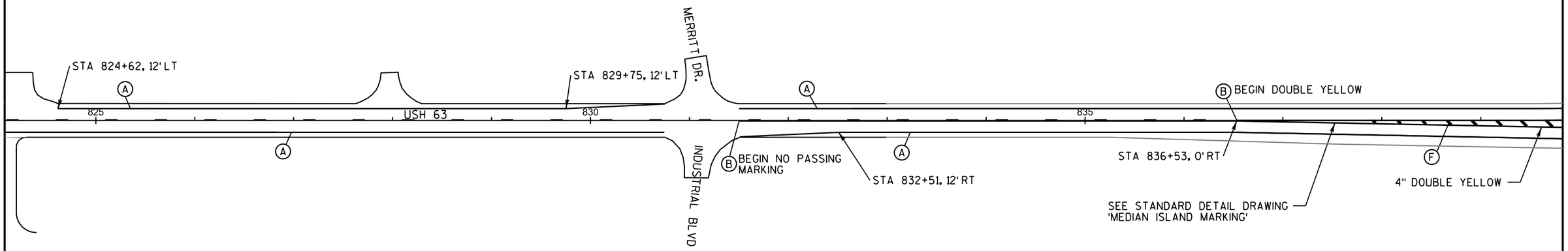
2



PAVEMENT MARKING LEGEND

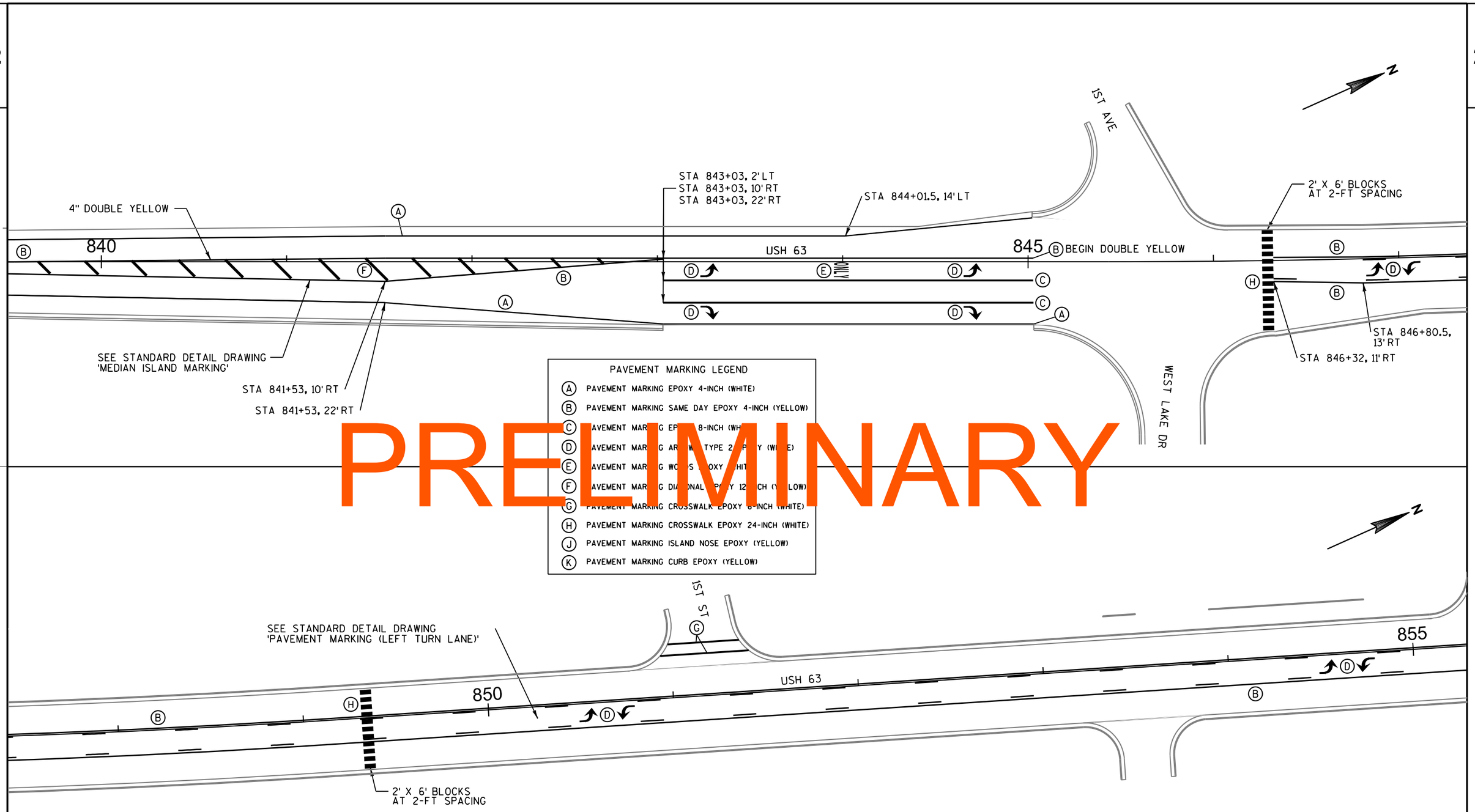
- (A) PAVEMENT MARKING EPOXY 4-INCH (WHITE)
- (B) PAVEMENT MARKING SAME DAY EPOXY 4-INCH (YELLOW)
- (C) PAVEMENT MARKING EPOXY 4-INCH (WHITE)
- (D) PAVEMENT MARKING ARROW TYPE 2 EPOXY (WHITE)
- (E) PAVEMENT MARKING WORDS EPOXY (WHITE)
- (F) PAVEMENT MARKING DIAGONAL EPOXY 12-INCH (YELLOW)
- (G) PAVEMENT MARKING CROSSWALK EPOXY 6-INCH (WHITE)
- (H) PAVEMENT MARKING CROSSWALK EPOXY 24-INCH (WHITE)
- (J) PAVEMENT MARKING ISLAND NOSE EPOXY (YELLOW)
- (K) PAVEMENT MARKING CURB EPOXY (YELLOW)

PRELIMINARY



PROJECT NO: 1560-31-71	HWY: USH 63	COUNTY: WASHBURN	PAVEMENT MARKINGS	SHEET	E

2



PRELIMINARY

PROJECT NO: 1560-31-71	HWY: USH 63	COUNTY: WASHBURN	PAVEMENT MARKINGS	SHEET	E

FILE NAME : \\NWBESERVER\Drawings\NWBE_PROJECTS\DESIGN\1101_SHELL_LAKE_SS\CADD\Pavement Markings\15603171_024504_pm.dgn PLOT DATE : 9/17/2014 PLOT BY : NWBE PLOT NAME : PLOT SCALE : N/A

2

SEE STANDARD DETAIL DRAWING
'FLEXIBLE DELINEATOR POST'
(ALTERNATE 3 - YELLOW)

4TH AVE

SEE STANDARD DETAIL DRAWING
'PAVEMENT MARKING (LEFT TURN LANE)'

4" DOUBLE YELLOW

5TH AVE

2' X 6' BLOCKS
AT 2-FT SPACING

855

USH 63

860

2' X 6' BLOCKS
AT 2-FT
SPACING

STA 855+50, 13' RT

STA 856+26.8, 17' RT

PARKING LOT
ENTRANCE

STA 857+75, 13' RT

2' X 6' BLOCKS
AT 2-FT SPACING

STA 859+46.5, 13' RT

STA 860+15.5, 17' RT

PLACE DELINEATOR IN FRONT
OF POST WITH KEEP RIGHT SIGN

4" DOUBLE YELLOW

PAVEMENT MARKING LEGEND

- (A) PAVEMENT MARKING EPOXY 4-INCH (WHITE)
- (B) PAVEMENT MARKING SAME DAY EPOXY 4-INCH (YELLOW)
- (C) PAVEMENT MARKING EPOXY 8-INCH (WHITE)
- (D) PAVEMENT MARKING ARROWS TYPE EPOXY (WHITE)
- (E) PAVEMENT MARKING WORDS EPOXY WHITE
- (F) PAVEMENT MARKING DIAGONALS EPOXY 12-INCH (YELLOW)
- (G) PAVEMENT MARKING CROSSWALK EPOXY 6-INCH (WHITE)
- (H) PAVEMENT MARKING CROSSWALK EPOXY 24-INCH (WHITE)
- (J) PAVEMENT MARKING ISLAND NOSE EPOXY (YELLOW)
- (K) PAVEMENT MARKING CURB EPOXY (YELLOW)
- H FLEXIBLE DELINEATOR WITH 3"X9" TYPE H REFLECTIVE SHEETING & SQUARE PERFORATED TUBING ANCHOR

PRELIMINARY

4" DOUBLE YELLOW

6TH AVE/CTH B WEST

STA 863+20.5, 1' LT

STA 863+25, 3.2' RT

2' X 6' BLOCKS
AT 2-FT SPACING

4" DOUBLE YELLOW

865

ONLY

STA 863+65, 3.5' RT

STA 863+65, 18.2' RT

STA 864+29, 9.7' RT

USH 63

STA 866+23, 12' RT

STA 866+21, 13.7' RT

STA 866+42.5, 18' RT

PARKING LOT
ENTRANCE

4" DOUBLE YELLOW

SEE STANDARD DETAIL DRAWING
'MEDIAN ISLAND MARKING'

STA 867+23, 0' RT

STA 868+23, 0' RT

STA 868+55, 12' LT

STA 869+27.7, 4.6' RT

STA 869+79, 12' LT

870

STA 869+95.6, 3.2' RT

STA 869+23.2, 9.2' RT

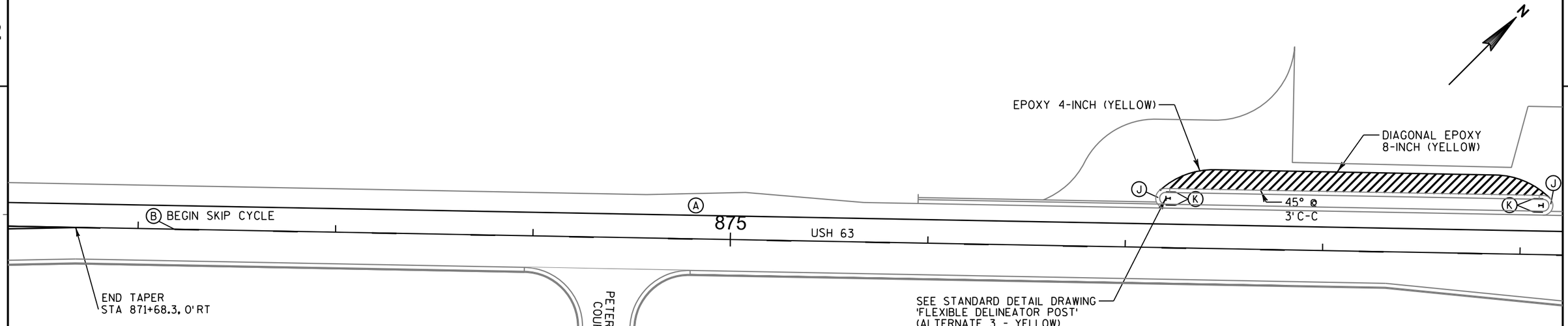
STA 869+98.8,
6.4' RT

PLAYGROUND
DRIVE

PROJECT NO: 1560-31-71	HWY: USH 63	COUNTY: WASHBURN	PAVEMENT MARKINGS	SHEET	E

FILE NAME : \\NWBESERVER\Drawings\NWBE_PROJECTS\DESIGN\1101_SHELL_LAKE_SS\CADD\Pavement Markings\15603171_024505_pm.dgn PLOT DATE : 9/17/2014 PLOT BY : NWBE PLOT NAME : PLOT SCALE : N/A

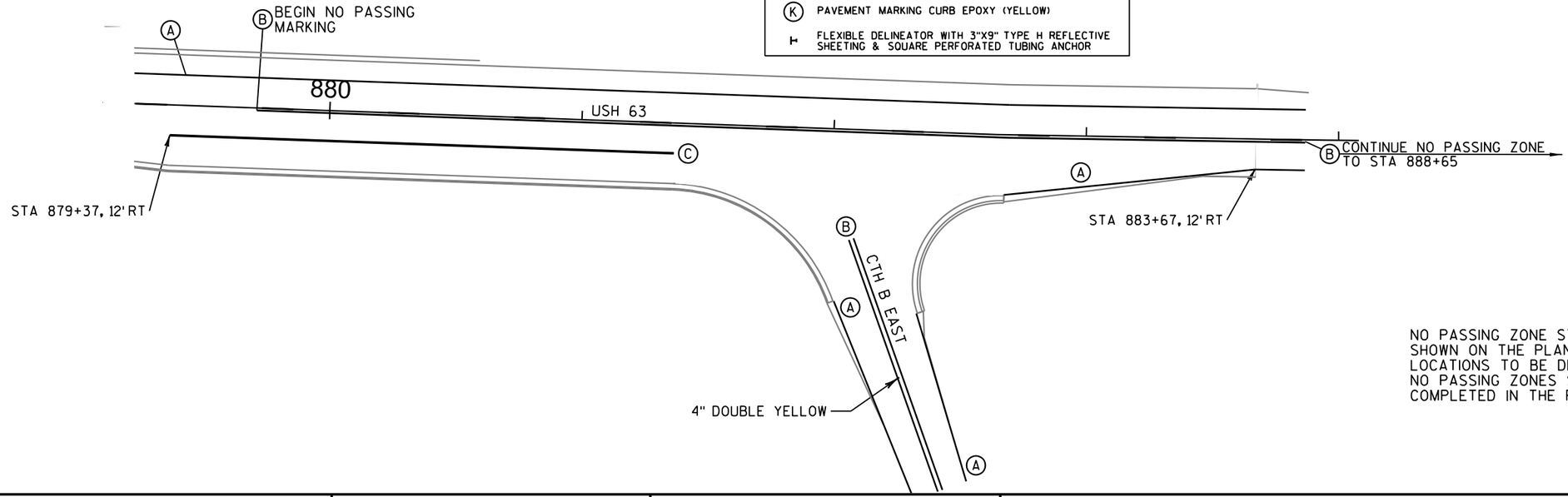
2



PAVEMENT MARKING LEGEND

- (A) PAVEMENT MARKING EPOXY 4-INCH (WHITE)
- (B) PAVEMENT MARKING SAME DAY EPOXY 4-INCH (YELLOW)
- (C) PAVEMENT MARKING EPOXY 8-INCH (WHITE)
- (D) PAVEMENT MARKING ARROWS TYPE EPOXY (WHITE)
- (E) PAVEMENT MARKING WORDS EPOXY WHITE
- (F) PAVEMENT MARKING DIAGONAL EPOXY 12-INCH YELLOW
- (G) PAVEMENT MARKING CROSSWALK EPOXY 6-INCH WHITE
- (H) PAVEMENT MARKING CROSSWALK EPOXY 24-INCH (WHITE)
- (J) PAVEMENT MARKING ISLAND NOSE EPOXY (YELLOW)
- (K) PAVEMENT MARKING CURB EPOXY (YELLOW)
- H FLEXIBLE DELINEATOR WITH 3"X9" TYPE H REFLECTIVE SHEETING & SQUARE PERFORATED TUBING ANCHOR

PRELIMINARY

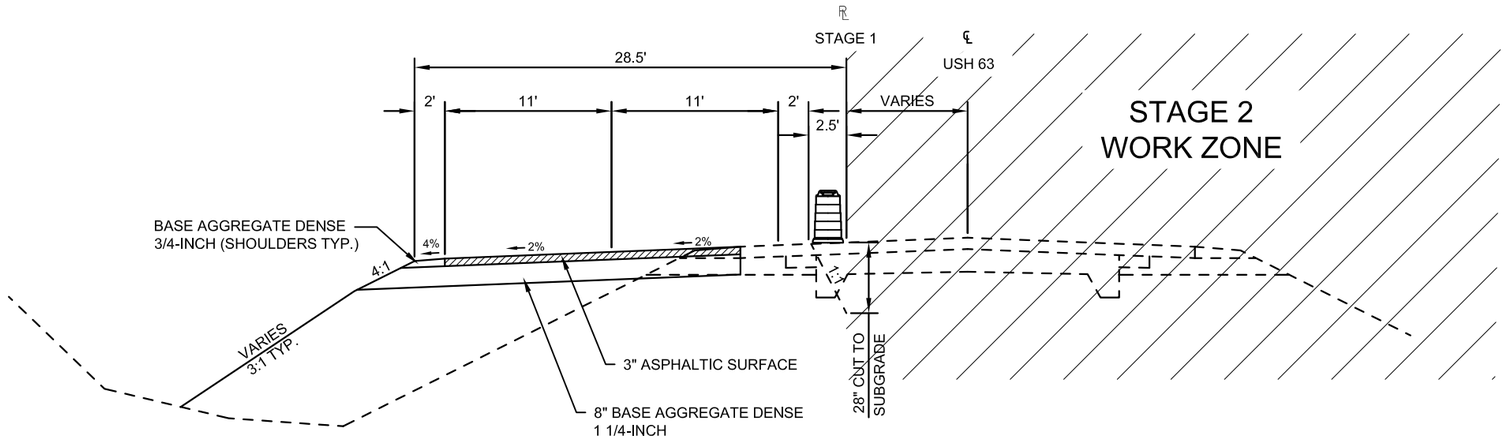


NO PASSING ZONE START AND END LOCATIONS SHOWN ON THE PLAN ARE APPROXIMATE. ACTUAL LOCATIONS TO BE DETERMINED AFTER THE LOCATING NO PASSING ZONES SPOTTING HAS BEEN PHYSICALLY COMPLETED IN THE FIELD.

PROJECT NO: 1560-31-71	HWY: USH 63	COUNTY: WASHBURN	PAVEMENT MARKINGS	SHEET	E

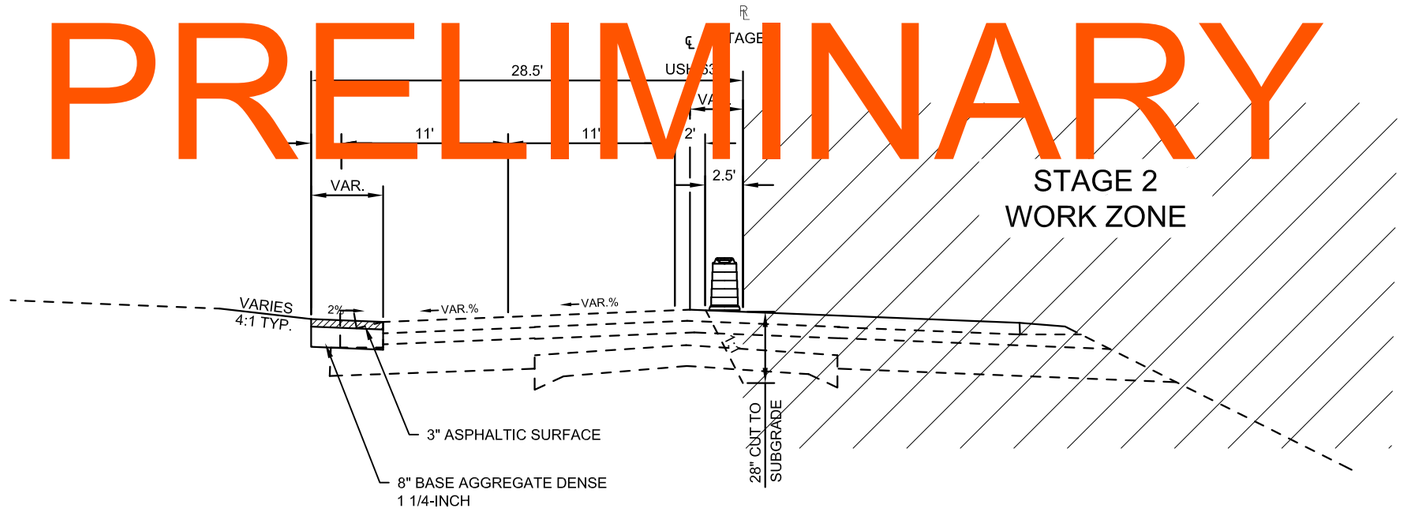
FILE NAME : \\NWBESERVER\Drawings\NWBE_PROJECTS\DESIGN\1101_SHELL_LAKE_SS\CADD\Pavement Markings\15603171_024506_pm.dgn PLOT DATE : 9/17/2014 PLOT BY : NWBE PLOT NAME : PLOT SCALE : N/A

PRELIMINARY



TYPICAL FINISHED SECTION FOR STAGE 1B WIDENING

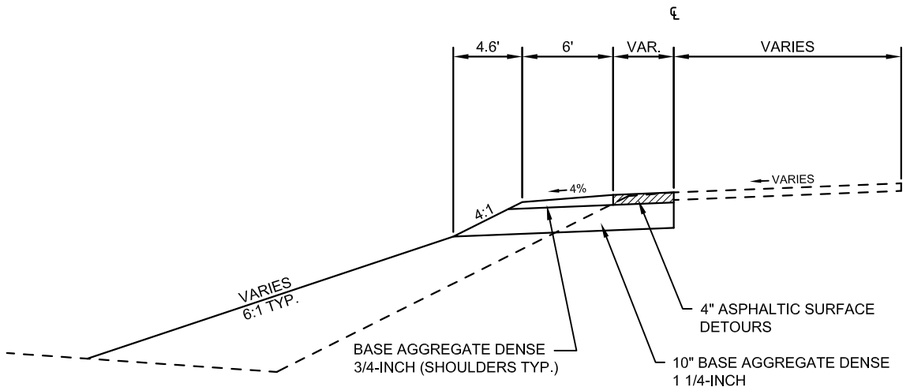
STA. 829+23 - 844+71 LT
STA. 869+00 - 886+60 LT



TYPICAL FINISHED SECTION FOR STAGE 1B WIDENING

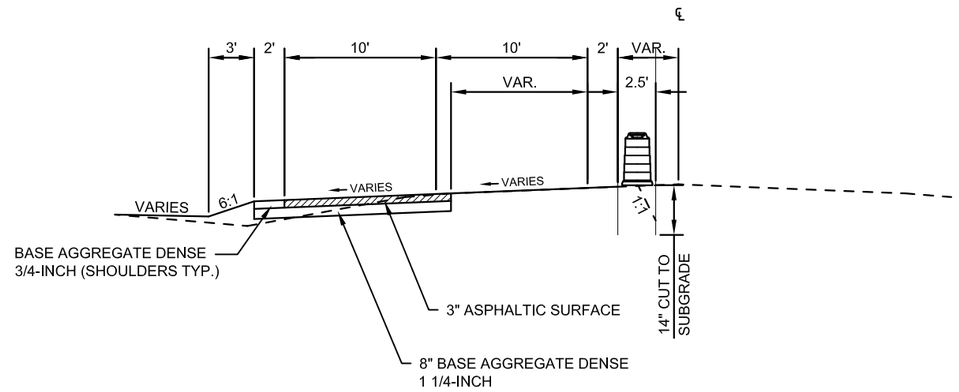
STA. 846+29 - 864+30 LT

PROJECT NO: 1560-31-71	HWY: USH 63	COUNTY: WASHBURN	TRAFFIC CONTROL - TYPICAL SECTIONS	SHEET /	E



TYPICAL HALF SECTION FOR DETOUR WIDENING

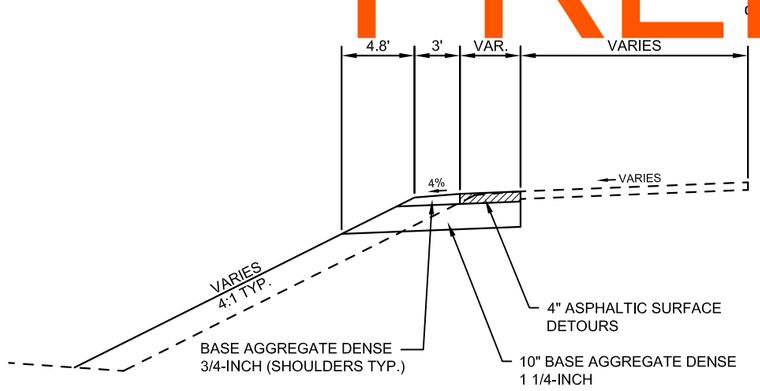
THIRD STREET STA. 10+60 - 12+00 LT



TYPICAL FINISHED SECTION FOR STAGE 1 WIDENING

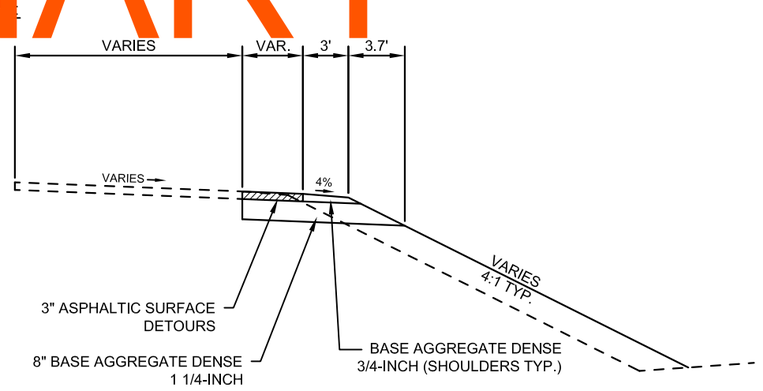
WEST LAKE DRIVE STA. 0+36 - 1+64 LT

PRELIMINARY



TYPICAL HALF SECTION FOR DETOUR WIDENING

NORTH INDUSTRIAL DRIVE STA. 10+19 - 10+59 RT
LIND AVENUE STA. 10+36 - 10+90 RT

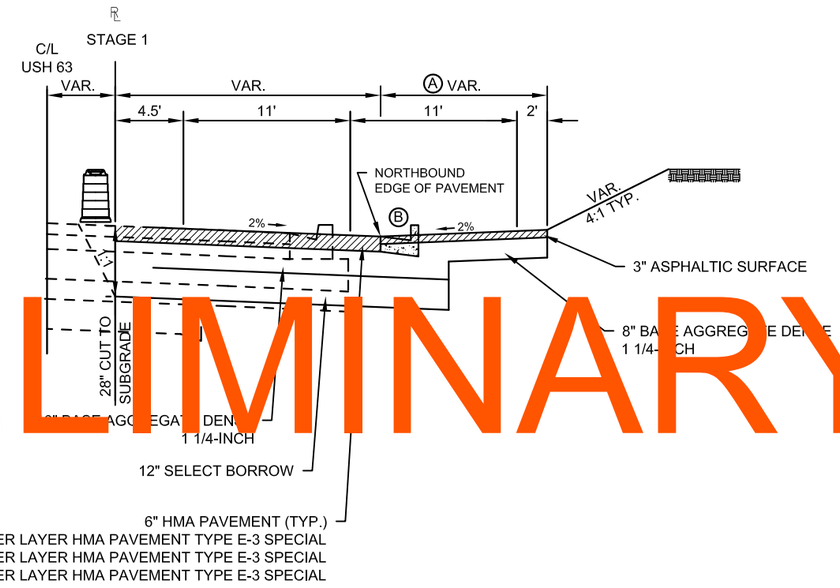


TYPICAL HALF SECTION FOR DETOUR WIDENING

THIRD STREET STA. 13+14 - 13+43 RT

PROJECT NO: 1560-31-71	HWY: USH 63	COUNTY: WASHBURN	TRAFFIC CONTROL - TYPICAL SECTIONS	SHEET /	E

2



Ⓐ CONSTRUCT WIDENED LANE DURING STAGE 2 TO PROVIDE REQUIRED ROADWAY WIDTH FOR STAGE 3 CONSTRUCTION.

Ⓑ CONCRETE CUR[illegible] & GUTT[illegible] 30-IN[illegible] TYPE [illegible] TO BE INSTALLED DUR[illegible]G STAGE

PRELIMINARY

STAGE 2 WIDENING SECTION

STA. 868+31.4 - 877+27.90 RT

2

GENERAL TRAFFIC CONTROL NOTES

ALL SIGNS AND DEVICES SHALL BE IN CONFORMANCE WITH THE WISCONSIN MANUAL OF UNIFORM TRAFFIC CONTROL DEVICES (WMUTCD).

THE EXACT NUMBER, LOCATION AND SPACING OF ALL SIGNS AND DEVICES SHALL BE ADJUSTED TO FIELD CONDITIONS AS DIRECTED BY THE ENGINEER.

DURING HOURS OF DARKNESS, ALL BARRICADES USED TO SHIELD A HAZARD SHALL BE EQUIPPED WITH TYPE "A" (LOW INTENSITY FLASHING) LIGHTS, AND DEVICES USED TO DELINEATE A TRAVEL PATH SHALL BE EQUIPPED WITH TYPE "C" (STEADY BURN) LIGHTS.

"WO" SIGNS ARE THE SAME AS "W" SIGNS EXCEPT THE BACKGROUND SHALL BE ORANGE.

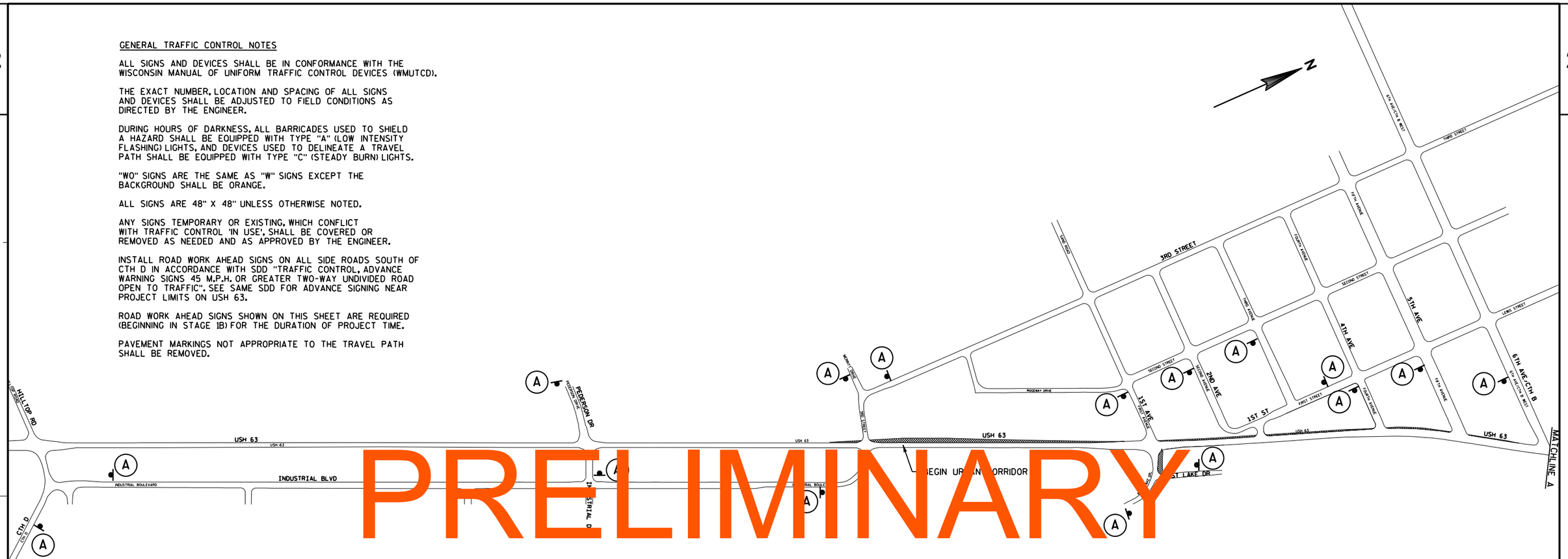
ALL SIGNS ARE 48" X 48" UNLESS OTHERWISE NOTED.

ANY SIGNS TEMPORARY OR EXISTING, WHICH CONFLICT WITH TRAFFIC CONTROL 'IN USE', SHALL BE COVERED OR REMOVED AS NEEDED AND AS APPROVED BY THE ENGINEER.

INSTALL ROAD WORK AHEAD SIGNS ON ALL SIDE ROADS SOUTH OF CTH D IN ACCORDANCE WITH SDD "TRAFFIC CONTROL, ADVANCE WARNING SIGNS 45 M.P.H. OR GREATER TWO-WAY UNDIVIDED ROAD OPEN TO TRAFFIC". SEE SAME SDD FOR ADVANCE SIGNING NEAR PROJECT LIMITS ON USH 63.

ROAD WORK AHEAD SIGNS SHOWN ON THIS SHEET ARE REQUIRED (BEGINNING IN STAGE 1B) FOR THE DURATION OF PROJECT TIME.

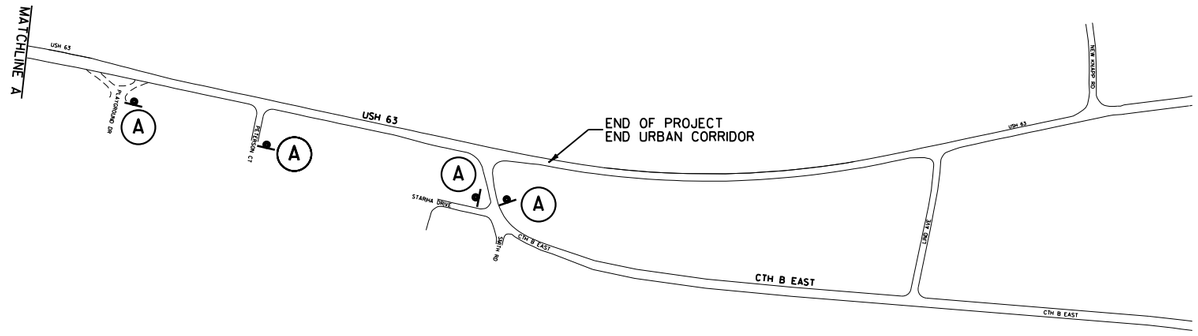
PAVEMENT MARKINGS NOT APPROPRIATE TO THE TRAVEL PATH SHALL BE REMOVED.



PRELIMINARY

TRAFFIC OVERVIEW LEGEND

- STAGE 1 WIDENING
- TRAFFIC FLOW ARROW
- TRAFFIC CONTROL SIGN



PROJECT NO: 1560-31-71	HWY: USH 63	COUNTY: WASHBURN	TRAFFIC CONTROL - STAGE 1B URBAN OVERVIEW	SHEET	E

FILE NAME : W:\NWBE_PROJECTS\DESIGN\1101_SHELL_LAKE_SS\CADD\Traffic Control\TC PLAN\STAGE 1\025001_tc.dgn PLOT DATE : 7/31/2014 PLOT BY : NWBE PLOT NAME : PLOT SCALE : N/A

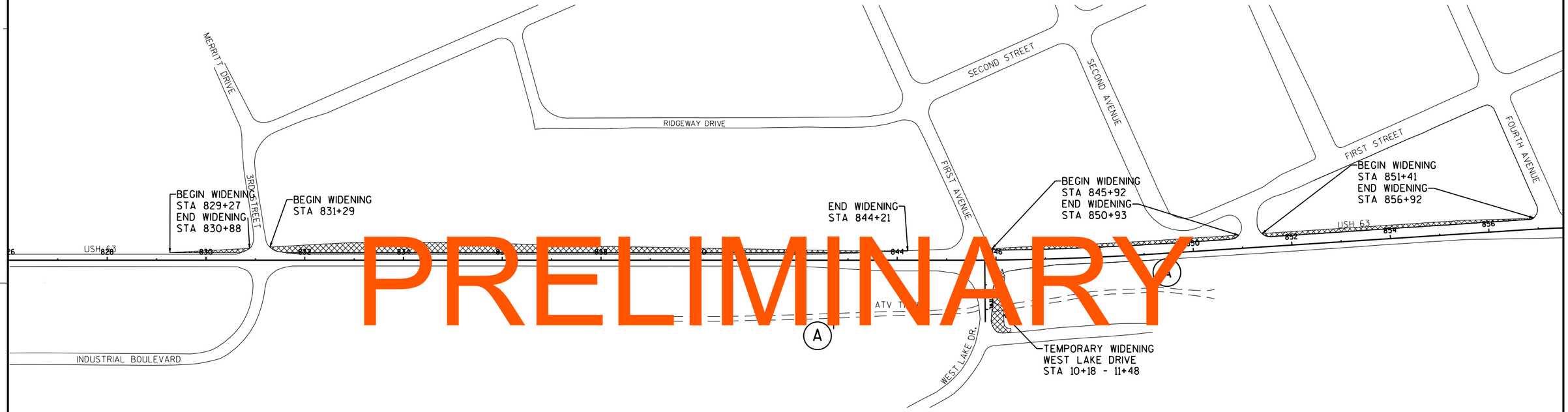
WISDOT/CADDS SHEET 42

NOTES:

SEE SDD "TRAFFIC CONTROL, WORK ON SHOULDER OR PARKING LANE, UNDIVIDED ROADWAY" FOR TRAFFIC CONTROL DEVICES IN TEMPORARY WIDENING CONSTRUCTION AREAS.

REMOVE EXISTING TYPE II SIGNS THAT ARE IN TEMPORARY WIDENING AREAS ACCORDING TO PERMANENT SIGNING DETAIL SHEETS.

SEE NEXT SHEET FOR ADDITIONAL STAGE 1B WORK AREAS.



PRELIMINARY

GENERAL TRAFFIC CONTROL NOTES

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PAVEMENT MARKINGS NOT APPROPRIATE TO THE TRAVEL PATH SHALL BE REMOVED.

TRAFFIC CONTROL LEGEND

- STAGE 1B WIDENING/WORK AREAS
- TRAFFIC CONTROL SIGN ON TEMP. SUPPORT
- TRAFFIC CONTROL SIGN ON PERM. SUPPORT
- TRAFFIC CONTROL DRUMS
- TRAFFIC CONTROL DRUMS W/TYPE C LIGHTS
- TYPE III BARRICADE WITH SIGN/W/OUT SIGN
- FLEXIBLE TUBULAR MARKER & BASE
- WARNING LIGHT TYPE A (FLASHING)
- TRAFFIC FLOW ARROW

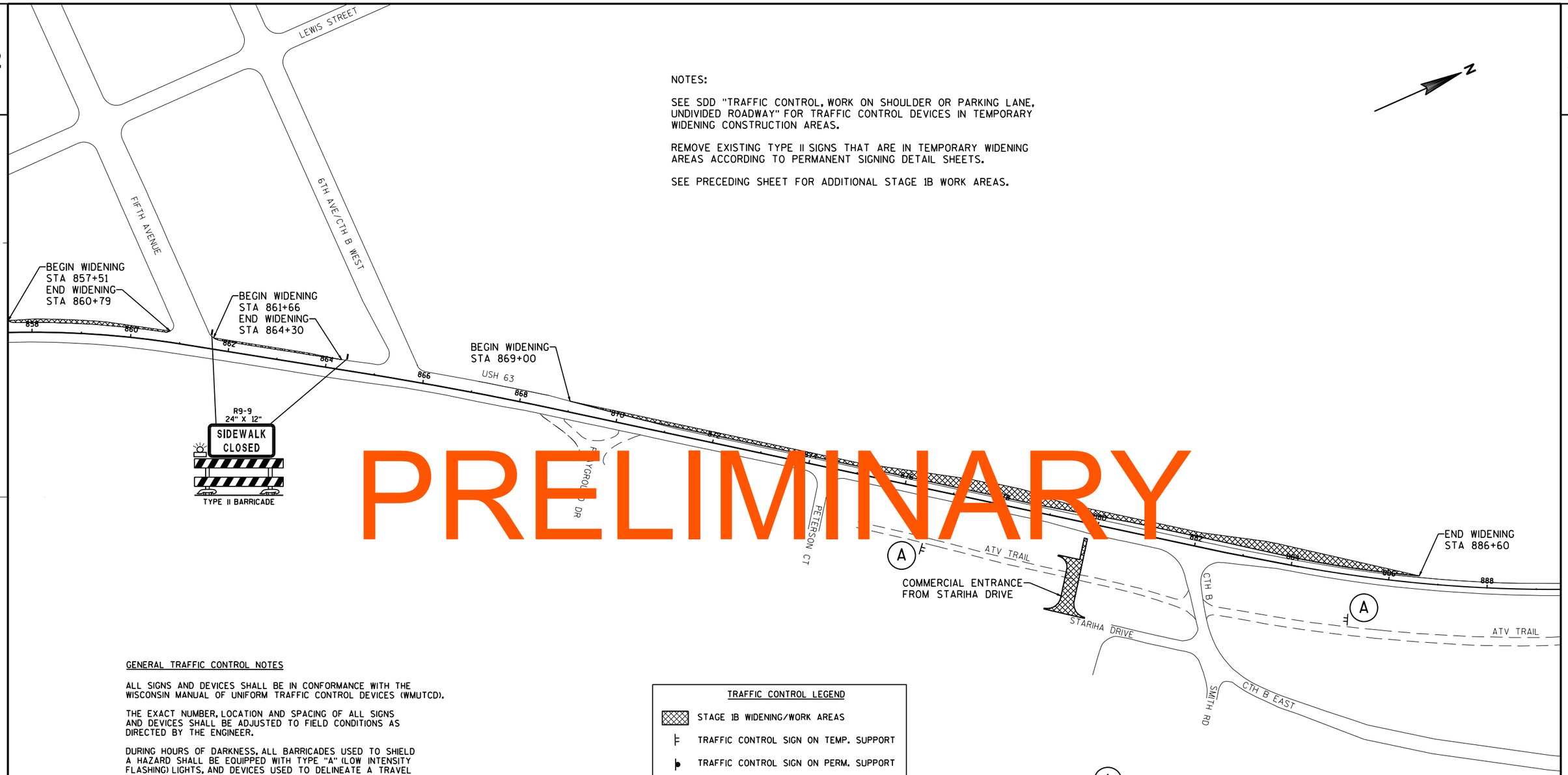
PROJECT NO: 1560-31-71	HWY: USH 63	COUNTY: WASHBURN	TRAFFIC CONTROL - STAGE 1B - TEMPORARY WIDENING	SHEET	E

NOTES:

SEE SDD "TRAFFIC CONTROL, WORK ON SHOULDER OR PARKING LANE, UNDIVIDED ROADWAY" FOR TRAFFIC CONTROL DEVICES IN TEMPORARY WIDENING CONSTRUCTION AREAS.

REMOVE EXISTING TYPE II SIGNS THAT ARE IN TEMPORARY WIDENING AREAS ACCORDING TO PERMANENT SIGNING DETAIL SHEETS.

SEE PRECEDING SHEET FOR ADDITIONAL STAGE 1B WORK AREAS.



PRELIMINARY

GENERAL TRAFFIC CONTROL NOTES

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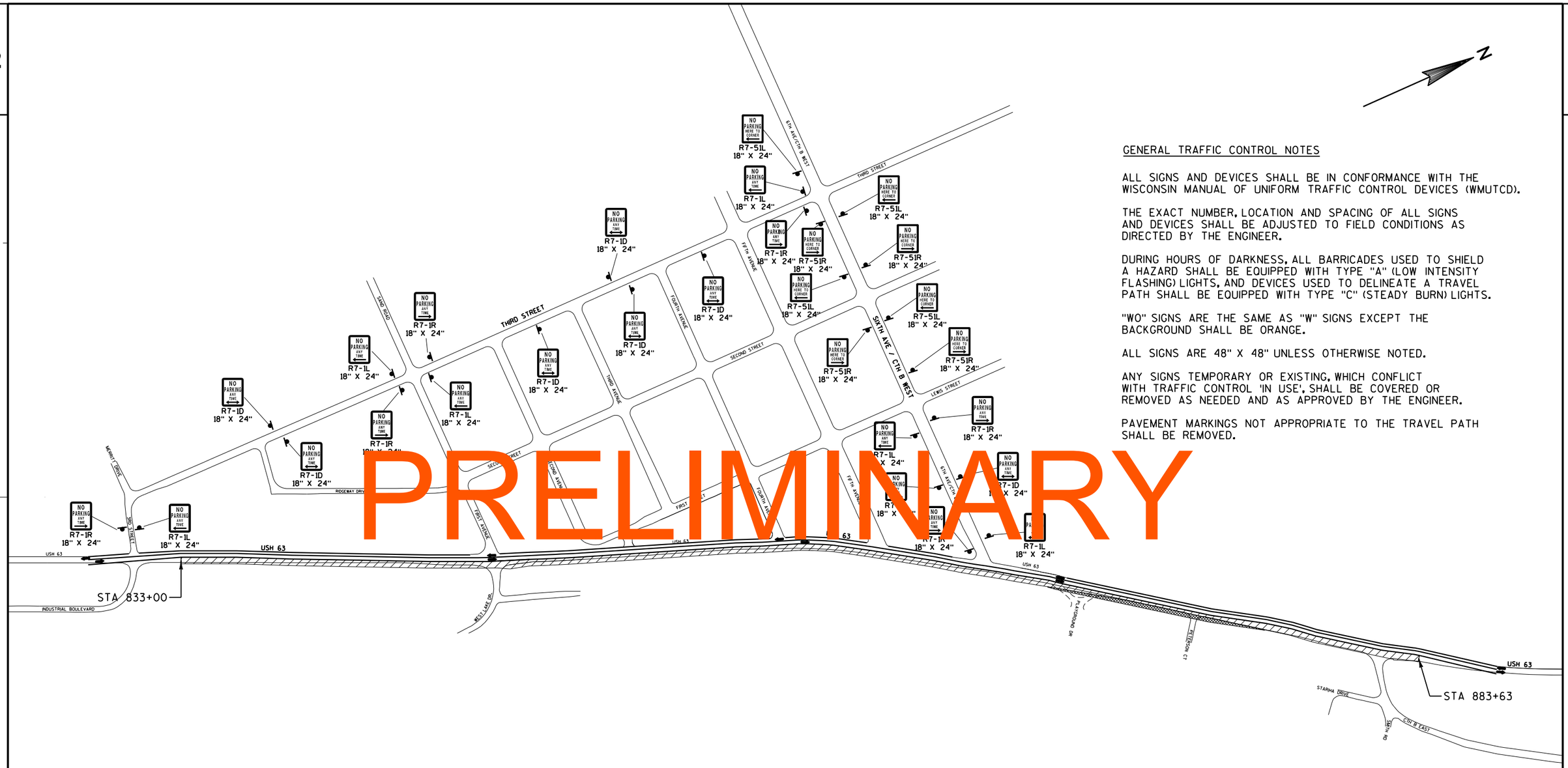
TRAFFIC CONTROL LEGEND

- STAGE 1B WIDENING/WORK AREAS
- TRAFFIC CONTROL SIGN ON TEMP. SUPPORT
- TRAFFIC CONTROL SIGN ON PERM. SUPPORT
- TRAFFIC CONTROL DRUMS
- TRAFFIC CONTROL DRUMS W/TYPE C LIGHTS
- TYPE III BARRICADE WITH SIGN/W/OUT SIGN
- FLEXIBLE TUBULAR MARKER & BASE
- WARNING LIGHT TYPE A (FLASHING)
- TRAFFIC FLOW ARROW

PROJECT NO: 1560-31-71	HWY: USH 63	COUNTY: WASHBURN	TRAFFIC CONTROL - STAGE 1B - TEMPORARY WIDENING	SHEET	E

2

PRELIMINARY



GENERAL TRAFFIC CONTROL NOTES

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PAVEMENT MARKINGS NOT APPROPRIATE TO THE TRAVEL PATH SHALL BE REMOVED.

TRAFFIC OVERVIEW LEGEND

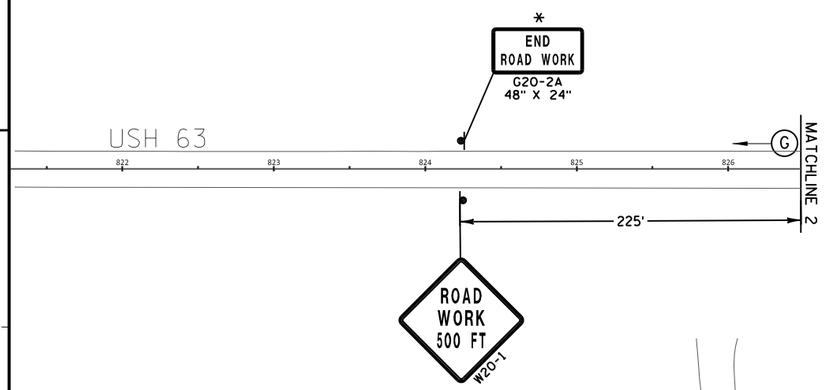
- STAGE 2 WORK ZONE
- STAGE 2 TEMPORARY WIDENING
- TRAFFIC FLOW ARROW
- TRAFFIC CONTROL SIGN

INSTALL NO PARKING SIGNS DURING THE PERIOD OF TIME THAT THE USH 63 LOCAL DETOUR ROUTE IS IN EFFECT.

PROJECT NO: 1560-31-71	HWY: USH 63	COUNTY: WASHBURN	TRAFFIC CONTROL - STAGE 2 URBAN OVERVIEW	SHEET	E

2

PRELIMINARY



GENERAL TRAFFIC CONTROL NOTES

ALL SIGNS AND DEVICES SHALL BE IN CONFORMANCE WITH THE WISCONSIN MANUAL OF UNIFORM TRAFFIC CONTROL DEVICES (WMUTCD).

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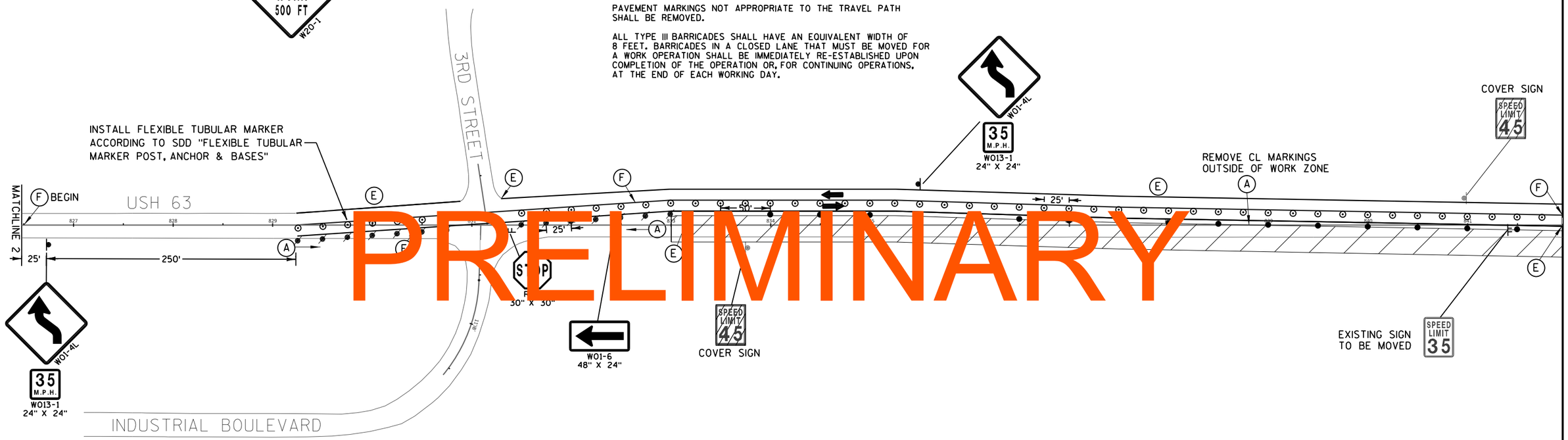
PAVEMENT MARKINGS NOT APPROPRIATE TO THE TRAVEL PATH SHALL BE REMOVED.

ALL TYPE III BARRICADES SHALL HAVE AN EQUIVALENT WIDTH OF 8 FEET. BARRICADES IN A CLOSED LANE THAT MUST BE MOVED FOR A WORK OPERATION SHALL BE IMMEDIATELY RE-ESTABLISHED UPON COMPLETION OF THE OPERATION OR, FOR CONTINUING OPERATIONS, AT THE END OF EACH WORKING DAY.

*INSTALL G20-2A WHEN PROJECT CONSTRUCTION SOUTH OF THIS SIGN IS COMPLETE. SEE SDD "TRAFFIC CONTROL, ADVANCE WARNING SIGNS 45 M.P.H. OR GREATER TWO-WAY UNDIVIDED ROAD OPEN TO TRAFFIC" FOR ADDITIONAL ADVANCE SIGNING ON NORTHBOUND USH 63 SEE SPECIAL PROVISIONS FOR 'COOPERATION WITH OTHER CONTRACTS'.

SEE NEXT SHEET FOR CONTINUATION OF STAGE 2 TRAFFIC CONTROL DEVICES, TEMPORARY PAVEMENT MARKINGS, AND SIGNING.



TEMPORARY PM LEGEND

- (A) REMOVING PAVEMENT MARKINGS
- (B) TEMPORARY PAVEMENT MARKING REMOVABLE TAPE 4-INCH (WHITE)
- (C) TEMPORARY PAVEMENT MARKING REMOVABLE TAPE 4-INCH (DOUBLE YELLOW)
- (D) TEMPORARY PAVEMENT MARKING REFLECTIVE PAINT 4-INCH (YELLOW)
- (E) TEMPORARY PAVEMENT MARKING REFLECTIVE PAINT 4-INCH (WHITE)
- (F) TEMPORARY PAVEMENT MARKING REFLECTIVE PAINT 4-INCH (DOUBLE YELLOW)
- (G) EXISTING PAVEMENT MARKINGS TO REMAIN

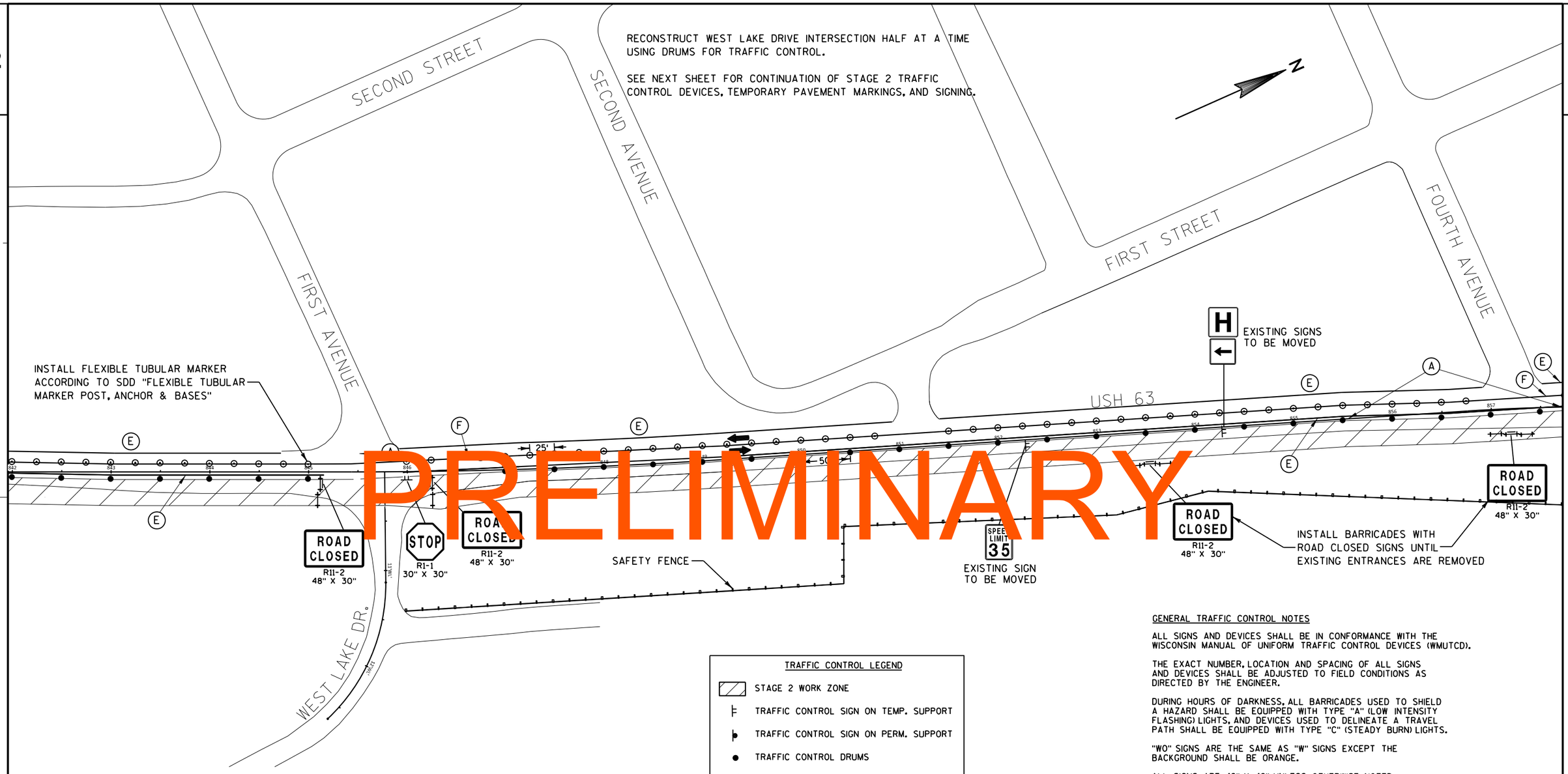
TRAFFIC CONTROL LEGEND

- STAGE 2 WORK ZONE
- TRAFFIC CONTROL SIGN ON TEMP. SUPPORT
- TRAFFIC CONTROL SIGN ON PERM. SUPPORT
- TRAFFIC CONTROL DRUMS
- TRAFFIC CONTROL DRUMS W/TYPE C LIGHTS
- TYPE III BARRICADE WITH SIGN/W/OUT SIGN
- FLEXIBLE TUBULAR MARKER & BASE
- WARNING LIGHT TYPE A (FLASHING)
- TRAFFIC FLOW ARROW

PROJECT NO: 1560-31-71	HWY: USH 63	COUNTY: WASHBURN	TRAFFIC CONTROL - STAGE 2 - URBAN CORRIDOR	SHEET	E

RECONSTRUCT WEST LAKE DRIVE INTERSECTION HALF AT A TIME USING DRUMS FOR TRAFFIC CONTROL.

SEE NEXT SHEET FOR CONTINUATION OF STAGE 2 TRAFFIC CONTROL DEVICES, TEMPORARY PAVEMENT MARKINGS, AND SIGNING.



PRELIMINARY

TEMPORARY PM LEGEND

- (A) REMOVING PAVEMENT MARKINGS
- (B) TEMPORARY PAVEMENT MARKING REMOVABLE TAPE 4-INCH (WHITE)
- (C) TEMPORARY PAVEMENT MARKING REMOVABLE TAPE 4-INCH (DOUBLE YELLOW)
- (D) TEMPORARY PAVEMENT MARKING REFLECTIVE PAINT 4-INCH (YELLOW)
- (E) TEMPORARY PAVEMENT MARKING REFLECTIVE PAINT 4-INCH (WHITE)
- (F) TEMPORARY PAVEMENT MARKING REFLECTIVE PAINT 4-INCH (DOUBLE YELLOW)
- (G) EXISTING PAVEMENT MARKINGS TO REMAIN

TRAFFIC CONTROL LEGEND

- STAGE 2 WORK ZONE
- TRAFFIC CONTROL SIGN ON TEMP. SUPPORT
- TRAFFIC CONTROL SIGN ON PERM. SUPPORT
- TRAFFIC CONTROL DRUMS
- TRAFFIC CONTROL DRUMS W/TYPE C LIGHTS
- TYPE III BARRICADE WITH SIGN/W/OUT SIGN
- FLEXIBLE TUBULAR MARKER & BASE
- WARNING LIGHT TYPE A (FLASHING)
- TRAFFIC FLOW ARROW

GENERAL TRAFFIC CONTROL NOTES

ALL SIGNS AND DEVICES SHALL BE IN CONFORMANCE WITH THE WISCONSIN MANUAL OF UNIFORM TRAFFIC CONTROL DEVICES (WMUTCD).

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"WO" SIGNS ARE THE SAME AS "W" SIGNS EXCEPT THE BACKGROUND SHALL BE ORANGE.

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ANY SIGNS TEMPORARY OR EXISTING, WHICH CONFLICT WITH TRAFFIC CONTROL 'IN USE', SHALL BE COVERED OR REMOVED AS NEEDED AND AS APPROVED BY THE ENGINEER.

PAVEMENT MARKINGS NOT APPROPRIATE TO THE TRAVEL PATH SHALL BE REMOVED.

ALL TYPE III BARRICADES SHALL HAVE AN EQUIVALENT WIDTH OF 8 FEET. BARRICADES IN A CLOSED LANE THAT MUST BE MOVED FOR A WORK OPERATION SHALL BE IMMEDIATELY RE-ESTABLISHED UPON COMPLETION OF THE OPERATION OR, FOR CONTINUING OPERATIONS, AT THE END OF EACH WORKING DAY.

PROJECT NO: 1560-31-71	HWY: USH 63	COUNTY: WASHBURN	TRAFFIC CONTROL - STAGE 2 - URBAN CORRIDOR	SHEET	E

2

FIFTH AVENUE

6TH AVE/CTH B WEST

N

MAINTAIN TWO PEDESTRIAN CROSSINGS ON USH 63.
3 OPTIONS ARE SHOWN, BUT ACTUAL LOCATION MAY VARY DEPENDING ON CONSTRUCTION SCHEDULE. SEE SPECIAL PROVISIONS FOR 'TEMPORARY CROSSWALK ACCESS' ITEM.

SEE NEXT SHEET FOR CONTINUATION OF STAGE 2 TRAFFIC CONTROL DEVICES, TEMPORARY PAVEMENT MARKINGS, AND SIGNING.

EXISTING SIGNS TO BE MOVED

EXISTING CROSSWALK

REMOVE EXISTING CROSSWALK BLOCKS

INSTALL SAFETY FENCE ALONG REMAINING SIDEWALK PRIOR TO STAGE 2 TRAFFIC SWITCH

W11-2
30" X 30"

INSTALL FLEXIBLE TUBULAR MARKER ACCORDING TO SDD "FLEXIBLE TUBULAR MARKER POST, ANCHOR & BASES"

ROAD CLOSED
R11-2
48" X 30"

W11-2
30" X 30"

50'

25'

SAFETY FENCE FOR TEMPORARY CROSSWALK

USH 63

INSTALL BARRICADES WITH ROAD CLOSED SIGNS UNTIL EXISTING ENTRANCES ARE REMOVED

ROAD CLOSED
R11-2
48" X 30"

EXISTING SIGNS TO BE MOVED

SPEED LIMIT 35

SAFETY FENCE (TYP.)

BEGIN WIDENING STA 868+31

STOP
R1-1
30" X 30"

INSTALL A TEMPORARY STOP SIGN AT THE OPEN PLAYGROUND DRIVE ENTRANCE

ROAD CLOSED
R11-2
48" X 30"

INSTALL BARRICADE WITH ROAD CLOSED SIGN AT ONLY ONE PLAYGROUND DRIVE ENTRANCE AT A TIME UNTIL NEW ENTRANCE IS COMPLETE

PRELIMINARY

GENERAL TRAFFIC CONTROL NOTES

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TRAFFIC CONTROL LEGEND

- STAGE 2 WORK ZONE
- STAGE 2 TEMPORARY WIDENING AREA
- TRAFFIC CONTROL SIGN ON TEMP. SUPPORT
- TRAFFIC CONTROL SIGN ON PERM. SUPPORT
- TRAFFIC CONTROL DRUMS
- TRAFFIC CONTROL DRUMS W/TYPE C LIGHTS
- TYPE III BARRICADE WITH SIGN/W/OUT SIGN
- FLEXIBLE TUBULAR MARKER & BASE
- WARNING LIGHT TYPE A (FLASHING)
- TRAFFIC FLOW ARROW
- SAFETY FENCE

TEMPORARY PM LEGEND

- (A) REMOVING PAVEMENT MARKINGS
- (B) TEMPORARY PAVEMENT MARKING REMOVABLE TAPE 4-INCH (WHITE)
- (C) TEMPORARY PAVEMENT MARKING REMOVABLE TAPE 4-INCH (DOUBLE YELLOW)
- (D) TEMPORARY PAVEMENT MARKING REFLECTIVE PAINT 4-INCH (YELLOW)
- (E) TEMPORARY PAVEMENT MARKING REFLECTIVE PAINT 4-INCH (WHITE)
- (F) TEMPORARY PAVEMENT MARKING REFLECTIVE PAINT 4-INCH (DOUBLE YELLOW)
- (G) EXISTING PAVEMENT MARKINGS TO REMAIN

PROJECT NO: 1560-31-71	HWY: USH 63	COUNTY: WASHBURN	TRAFFIC CONTROL - STAGE 2 - URBAN CORRIDOR	SHEET	E

FILE NAME : W:\NWBE_PROJECTS\DESIGN\1101_SHELL_LAKE_SS\CADD\Traffic Control\TC PLAN\STAGE 2\025007_tc.dgn PLOT DATE : 7/31/2014 PLOT BY : NWBE PLOT NAME : PLOT SCALE : N/A

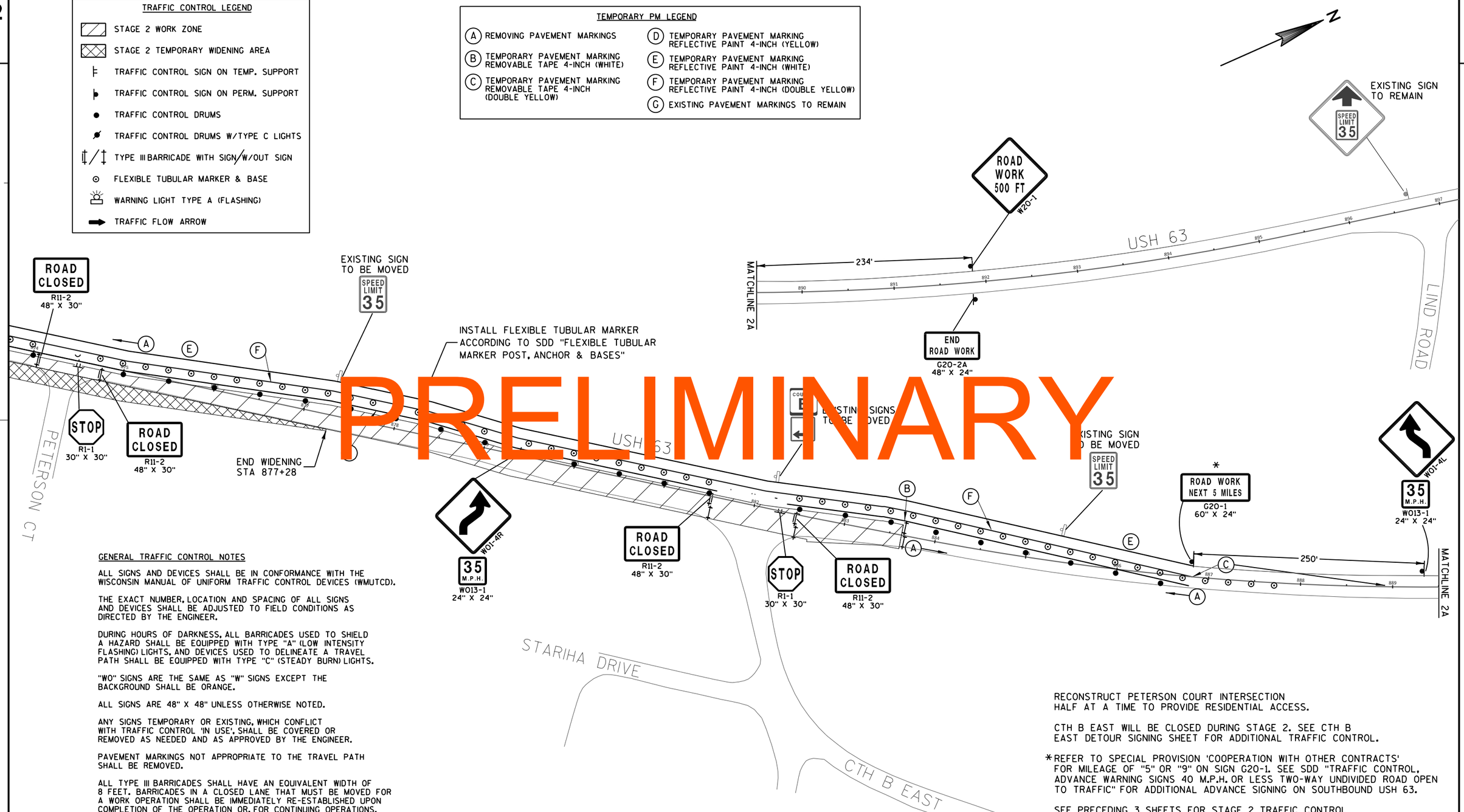
2

TRAFFIC CONTROL LEGEND

- STAGE 2 WORK ZONE
- STAGE 2 TEMPORARY WIDENING AREA
- TRAFFIC CONTROL SIGN ON TEMP. SUPPORT
- TRAFFIC CONTROL SIGN ON PERM. SUPPORT
- TRAFFIC CONTROL DRUMS
- TRAFFIC CONTROL DRUMS W/TYPE C LIGHTS
- TYPE III BARRICADE WITH SIGN/W/OUT SIGN
- FLEXIBLE TUBULAR MARKER & BASE
- WARNING LIGHT TYPE A (FLASHING)
- TRAFFIC FLOW ARROW

TEMPORARY PM LEGEND

- (A) REMOVING PAVEMENT MARKINGS
- (B) TEMPORARY PAVEMENT MARKING REMOVABLE TAPE 4-INCH (WHITE)
- (C) TEMPORARY PAVEMENT MARKING REMOVABLE TAPE 4-INCH (DOUBLE YELLOW)
- (D) TEMPORARY PAVEMENT MARKING REFLECTIVE PAINT 4-INCH (YELLOW)
- (E) TEMPORARY PAVEMENT MARKING REFLECTIVE PAINT 4-INCH (WHITE)
- (F) TEMPORARY PAVEMENT MARKING REFLECTIVE PAINT 4-INCH (DOUBLE YELLOW)
- (G) EXISTING PAVEMENT MARKINGS TO REMAIN



PRELIMINARY

GENERAL TRAFFIC CONTROL NOTES

ALL SIGNS AND DEVICES SHALL BE IN CONFORMANCE WITH THE WISCONSIN MANUAL OF UNIFORM TRAFFIC CONTROL DEVICES (WMUTCD).

THE EXACT NUMBER, LOCATION AND SPACING OF ALL SIGNS AND DEVICES SHALL BE ADJUSTED TO FIELD CONDITIONS AS DIRECTED BY THE ENGINEER.

DURING HOURS OF DARKNESS, ALL BARRICADES USED TO SHIELD A HAZARD SHALL BE EQUIPPED WITH TYPE "A" (LOW INTENSITY FLASHING) LIGHTS, AND DEVICES USED TO DELINEATE A TRAVEL PATH SHALL BE EQUIPPED WITH TYPE "C" (STEADY BURN) LIGHTS.

"WO" SIGNS ARE THE SAME AS "W" SIGNS EXCEPT THE BACKGROUND SHALL BE ORANGE.

ALL SIGNS ARE 48" X 48" UNLESS OTHERWISE NOTED.

ANY SIGNS TEMPORARY OR EXISTING, WHICH CONFLICT WITH TRAFFIC CONTROL 'IN USE', SHALL BE COVERED OR REMOVED AS NEEDED AND AS APPROVED BY THE ENGINEER.

PAVEMENT MARKINGS NOT APPROPRIATE TO THE TRAVEL PATH SHALL BE REMOVED.

ALL TYPE III BARRICADES SHALL HAVE AN EQUIVALENT WIDTH OF 8 FEET. BARRICADES IN A CLOSED LANE THAT MUST BE MOVED FOR A WORK OPERATION SHALL BE IMMEDIATELY RE-ESTABLISHED UPON COMPLETION OF THE OPERATION OR, FOR CONTINUING OPERATIONS, AT THE END OF EACH WORKING DAY.

RECONSTRUCT PETERSON COURT INTERSECTION HALF AT A TIME TO PROVIDE RESIDENTIAL ACCESS.

CTH B EAST WILL BE CLOSED DURING STAGE 2. SEE CTH B EAST DETOUR SIGNING SHEET FOR ADDITIONAL TRAFFIC CONTROL.

*REFER TO SPECIAL PROVISION 'COOPERATION WITH OTHER CONTRACTS' FOR MILEAGE OF "5" OR "9" ON SIGN G20-1. SEE SDD "TRAFFIC CONTROL, ADVANCE WARNING SIGNS 40 M.P.H. OR LESS TWO-WAY UNDIVIDED ROAD OPEN TO TRAFFIC" FOR ADDITIONAL ADVANCE SIGNING ON SOUTHBOUND USH 63.

SEE PRECEDING 3 SHEETS FOR STAGE 2 TRAFFIC CONTROL DEVICES, TEMPORARY PAVEMENT MARKINGS, AND SIGNING.

PROJECT NO: 1560-31-71	HWY: USH 63	COUNTY: WASHBURN	TRAFFIC CONTROL - STAGE 2 - URBAN CORRIDOR	SHEET	E

2

GENERAL TRAFFIC CONTROL NOTES

ALL SIGNS AND DEVICES SHALL BE IN CONFORMANCE WITH THE WISCONSIN MANUAL OF UNIFORM TRAFFIC CONTROL DEVICES (WMUTCD).

THE EXACT NUMBER, LOCATION AND SPACING OF ALL SIGNS AND DEVICES SHALL BE ADJUSTED TO FIELD CONDITIONS AS DIRECTED BY THE ENGINEER.

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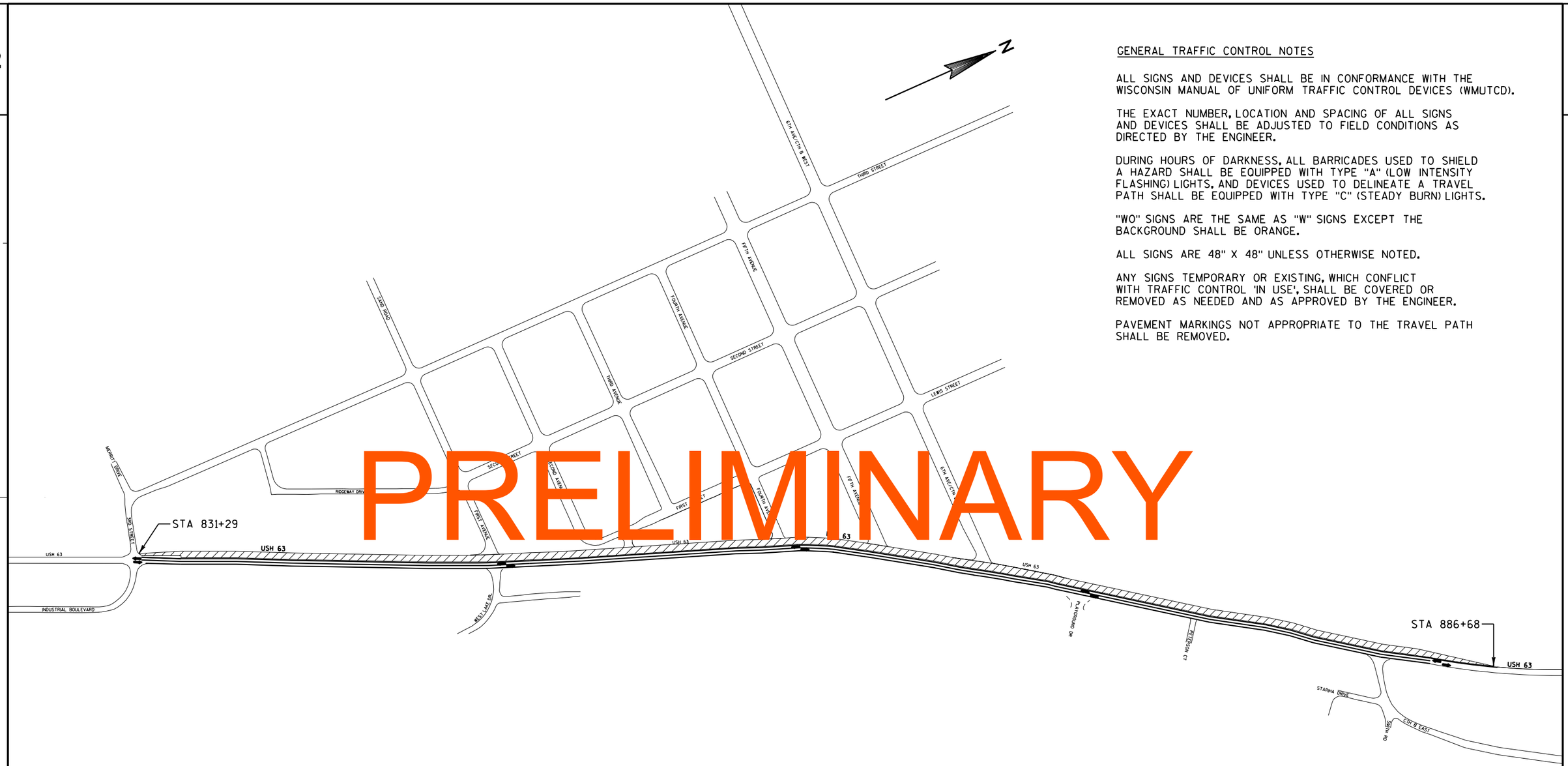
ANY SIGNS TEMPORARY OR EXISTING, WHICH CONFLICT WITH TRAFFIC CONTROL 'IN USE', SHALL BE COVERED OR REMOVED AS NEEDED AND AS APPROVED BY THE ENGINEER.

PAVEMENT MARKINGS NOT APPROPRIATE TO THE TRAVEL PATH SHALL BE REMOVED.

PRELIMINARY



TRAFFIC OVERVIEW LEGEND

- STAGE 3 WORK ZONE
- TRAFFIC FLOW ARROW
- TRAFFIC CONTROL SIGN

PROJECT NO: 1560-31-71	HWY: USH 63	COUNTY: WASHBURN	TRAFFIC CONTROL - STAGE 3 URBAN OVERVIEW	SHEET	E

GENERAL TRAFFIC CONTROL NOTES

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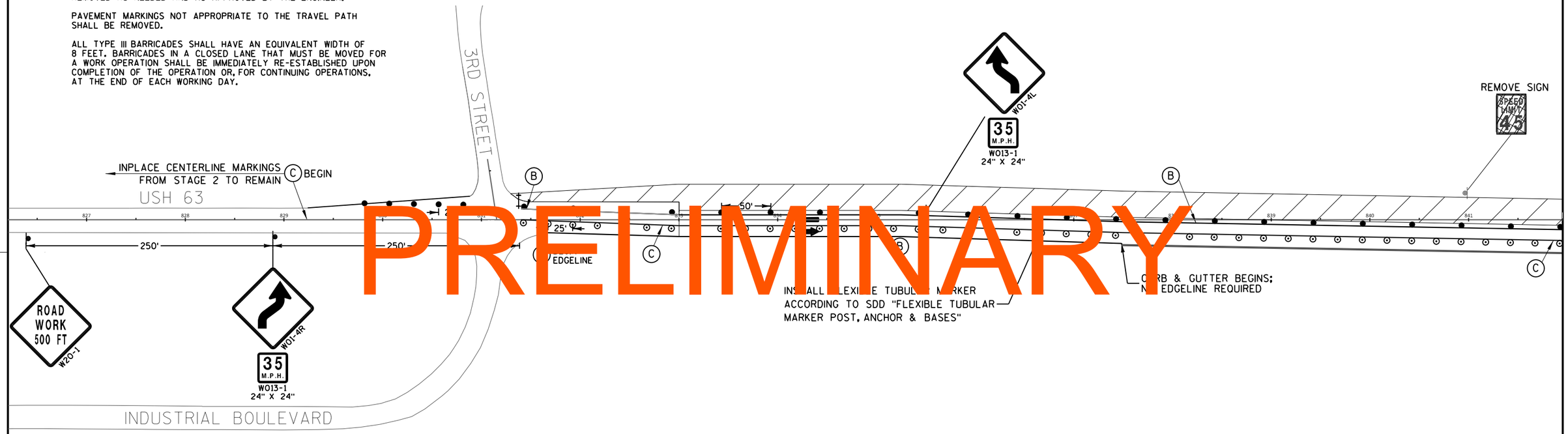
INSTALL PERMANENT SIGNS ON NORTHBOUND 63 & SIDE ROADS PRIOR TO STAGE 3 TRAFFIC SWITCH.

SEE SDD "TRAFFIC CONTROL, ADVANCE WARNING SIGNS 45 M.P.H. OR GREATER TWO-WAY UNDIVIDED ROAD OPEN TO TRAFFIC" FOR ADDITIONAL ADVANCE SIGNING ON NORTHBOUND USH 63. REFER TO SPECIAL PROVISION 'COOPERATION WITH OTHER CONTRACTS' FOR SIGN LOCATIONS TO BE DETERMINED.

SEE NEXT SHEET FOR CONTINUATION OF STAGE 3 TRAFFIC CONTROL DEVICES, TEMPORARY PAVEMENT MARKINGS, AND SIGNING.



PRELIMINARY

TEMPORARY PM LEGEND

- (A) REMOVING PAVEMENT MARKINGS
- (B) TEMPORARY PAVEMENT MARKING REMOVABLE TAPE 4-INCH (WHITE)
- (C) TEMPORARY PAVEMENT MARKING REMOVABLE TAPE 4-INCH (DOUBLE YELLOW)
- (D) TEMPORARY PAVEMENT MARKING REFLECTIVE PAINT 4-INCH (YELLOW)
- (E) TEMPORARY PAVEMENT MARKING REFLECTIVE PAINT 4-INCH (WHITE)
- (F) TEMPORARY PAVEMENT MARKING REFLECTIVE PAINT 4-INCH (DOUBLE YELLOW)
- (G) EXISTING PAVEMENT MARKINGS TO REMAIN

TRAFFIC CONTROL LEGEND

- STAGE 3 WORK ZONE
- TRAFFIC CONTROL SIGN ON TEMP. SUPPORT
- TRAFFIC CONTROL SIGN ON PERM. SUPPORT
- TRAFFIC CONTROL DRUMS
- TRAFFIC CONTROL DRUMS W/TYPE C LIGHTS
- TYPE III BARRICADE WITH SIGN/W/OUT SIGN
- FLEXIBLE TUBULAR MARKER & BASE
- WARNING LIGHT TYPE A (FLASHING)
- TRAFFIC FLOW ARROW

PROJECT NO: 1560-31-71	HWY: USH 63	COUNTY: WASHBURN	TRAFFIC CONTROL - STAGE 3 - URBAN CORRIDOR	SHEET	E

2

PRELIMINARY

SECOND STREET
SECOND AVENUE
ALLEY
FIRST AVENUE
FIRST STREET
FOURTH AVENUE
USH 63
WEST LAKE DR.

ROAD CLOSED AHEAD W20-3
ROAD CLOSED R11-2 48" X 30"
STOP R1-1 30" X 30"
200'
50'

(B) BEGIN

INSTALL FLEXIBLE TUBULAR MARKER ACCORDING TO SDD "FLEXIBLE TUBULAR MARKER POST, ANCHOR & BASES"

NO EDGELINE REQUIRED

SAFETY FENCE (TYP.)

RECONSTRUCT 1ST AVE & 4TH AVE INTERSECTIONS HALF AT A TIME USING DRUMS FOR TRAFFIC CONTROL.

SEE NEXT SHEET FOR CONTINUATION OF STAGE 3 TRAFFIC CONTROL DEVICES, TEMPORARY PAVEMENT MARKINGS, AND SIGNING.

TEMPORARY PM LEGEND

- (A) REMOVING PAVEMENT MARKINGS
- (B) TEMPORARY PAVEMENT MARKING REMOVABLE TAPE 4-INCH (WHITE)
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TRAFFIC CONTROL LEGEND

- STAGE 3 WORK ZONE
- TRAFFIC CONTROL SIGN ON TEMP. SUPPORT
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- TRAFFIC CONTROL DRUMS
- TRAFFIC CONTROL DRUMS W/TYPE C LIGHTS
- TYPE III BARRICADE WITH SIGN/W/OUT SIGN
- FLEXIBLE TUBULAR MARKER & BASE
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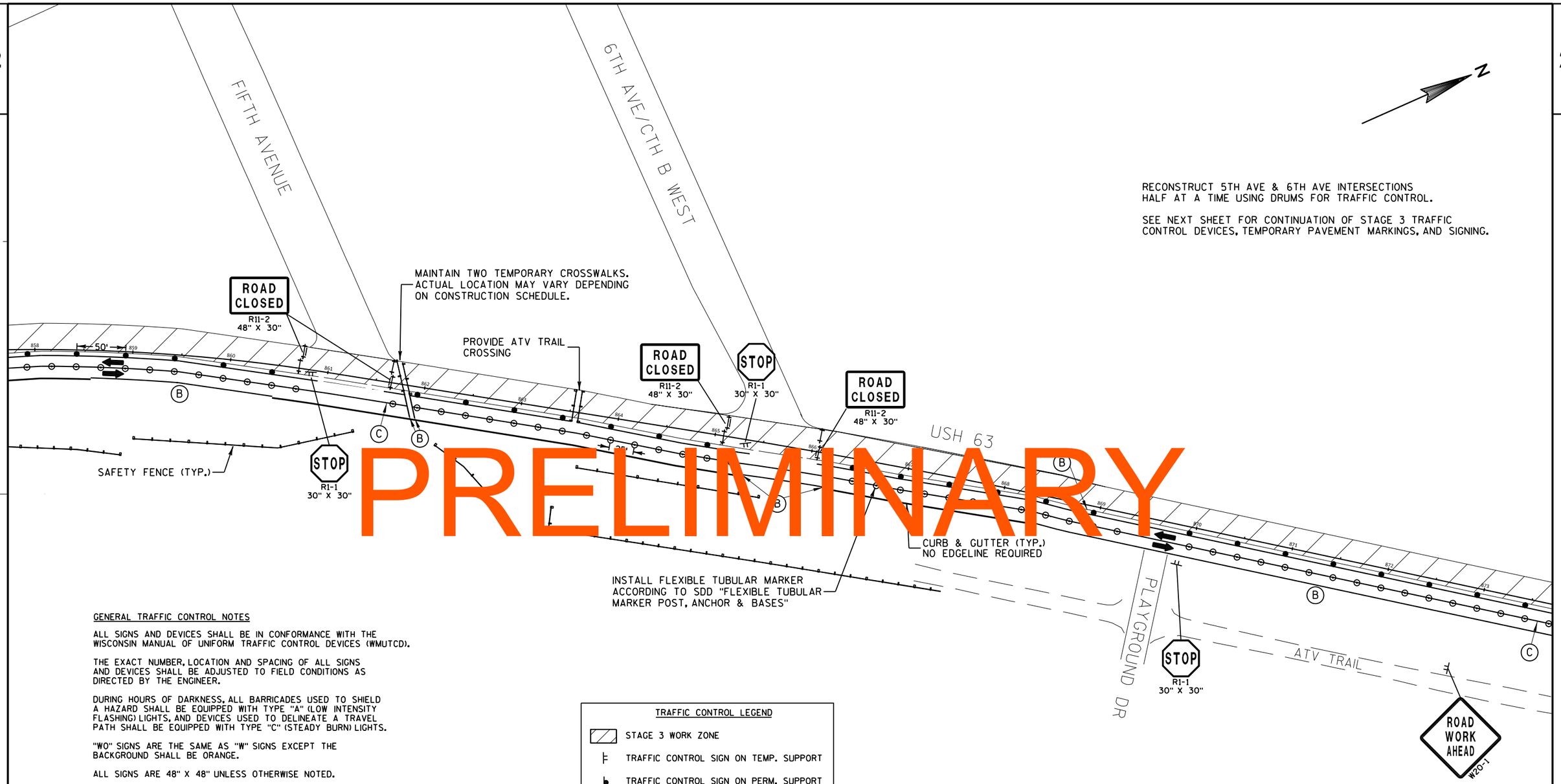
PROJECT NO: 1560-31-71	HWY: USH 63	COUNTY: WASHBURN	TRAFFIC CONTROL - STAGE 3 - URBAN CORRIDOR	SHEET	E

2



RECONSTRUCT 5TH AVE & 6TH AVE INTERSECTIONS HALF AT A TIME USING DRUMS FOR TRAFFIC CONTROL.

SEE NEXT SHEET FOR CONTINUATION OF STAGE 3 TRAFFIC CONTROL DEVICES, TEMPORARY PAVEMENT MARKINGS, AND SIGNING.

PRELIMINARY

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TRAFFIC CONTROL LEGEND

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- TRAFFIC CONTROL SIGN ON TEMP. SUPPORT
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- TRAFFIC CONTROL DRUMS
- TRAFFIC CONTROL DRUMS W/TYPE C LIGHTS
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TEMPORARY PM LEGEND

- (A) REMOVING PAVEMENT MARKINGS
- (B) TEMPORARY PAVEMENT MARKING REMOVABLE TAPE 4-INCH (WHITE)
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PROJECT NO: 1560-31-71	HWY: USH 63	COUNTY: WASHBURN	TRAFFIC CONTROL - STAGE 3 - URBAN CORRIDOR	SHEET	E

FILE NAME : W:\NWBE_PROJECTS\DESIGN\1101_SHELL_LAKE_SS\CADD\Traffic Control\TC PLAN\STAGE 3\025012_tc.dgn PLOT DATE : 7/31/2014 PLOT BY : NWBE PLOT NAME : PLOT SCALE : N/A

2

TRAFFIC CONTROL LEGEND

- STAGE 3 WORK ZONE
- TRAFFIC CONTROL SIGN ON TEMP. SUPPORT
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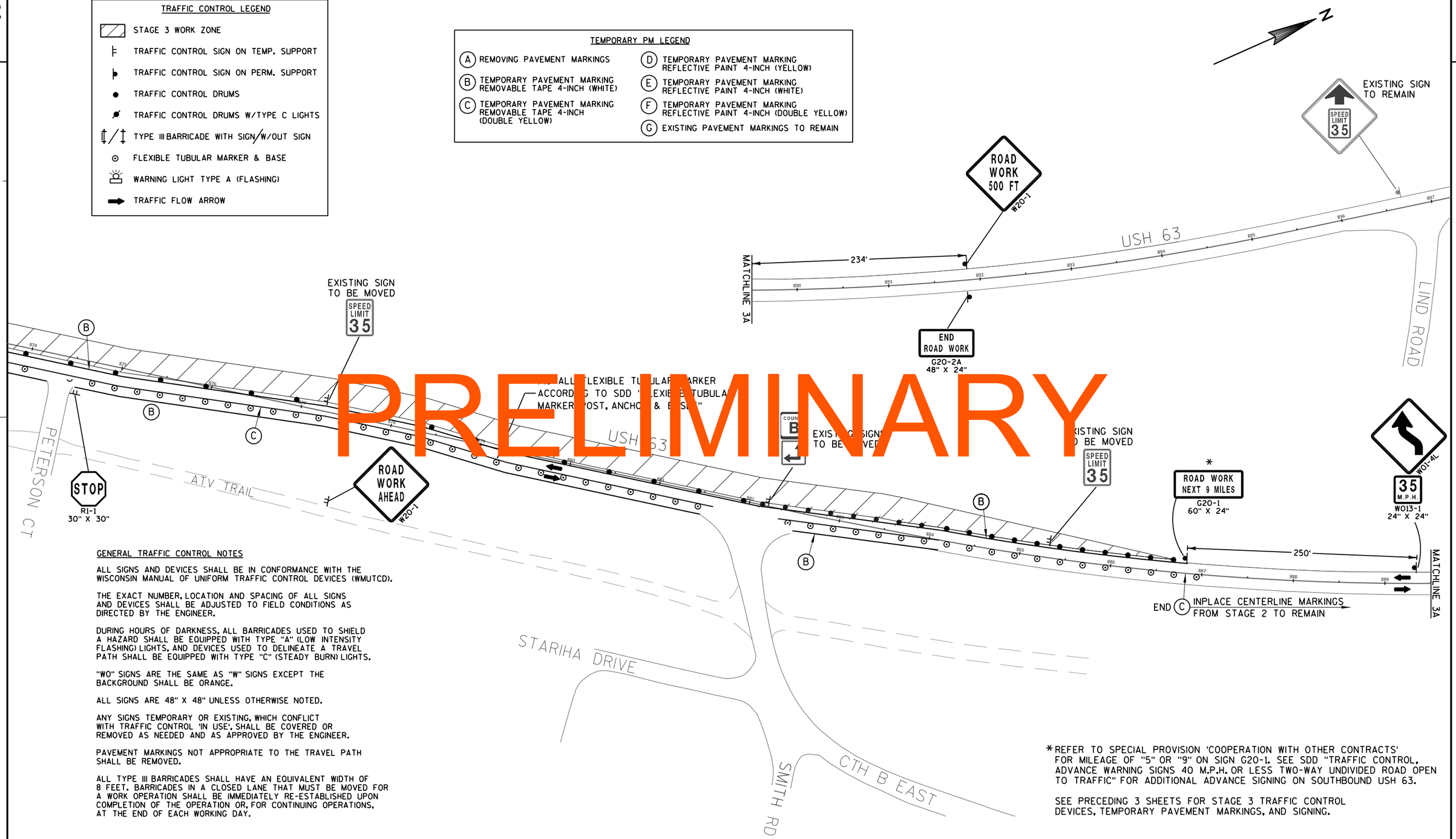

PRELIMINARY

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*REFER TO SPECIAL PROVISION 'COOPERATION WITH OTHER CONTRACTS' FOR MILEAGE OF "5" OR "9" ON SIGN G20-1. SEE SDD "TRAFFIC CONTROL, ADVANCE WARNING SIGNS 40 M.P.H. OR LESS TWO-WAY UNDIVIDED ROAD OPEN TO TRAFFIC" FOR ADDITIONAL ADVANCE SIGNING ON SOUTHBOUND USH 63.

SEE PRECEDING 3 SHEETS FOR STAGE 3 TRAFFIC CONTROL DEVICES, TEMPORARY PAVEMENT MARKINGS, AND SIGNING.

PROJECT NO: 1560-31-71	HWY: USH 63	COUNTY: WASHBURN	TRAFFIC CONTROL - STAGE 3 - URBAN CORRIDOR	SHEET	E

2

GENERAL TRAFFIC CONTROL NOTES

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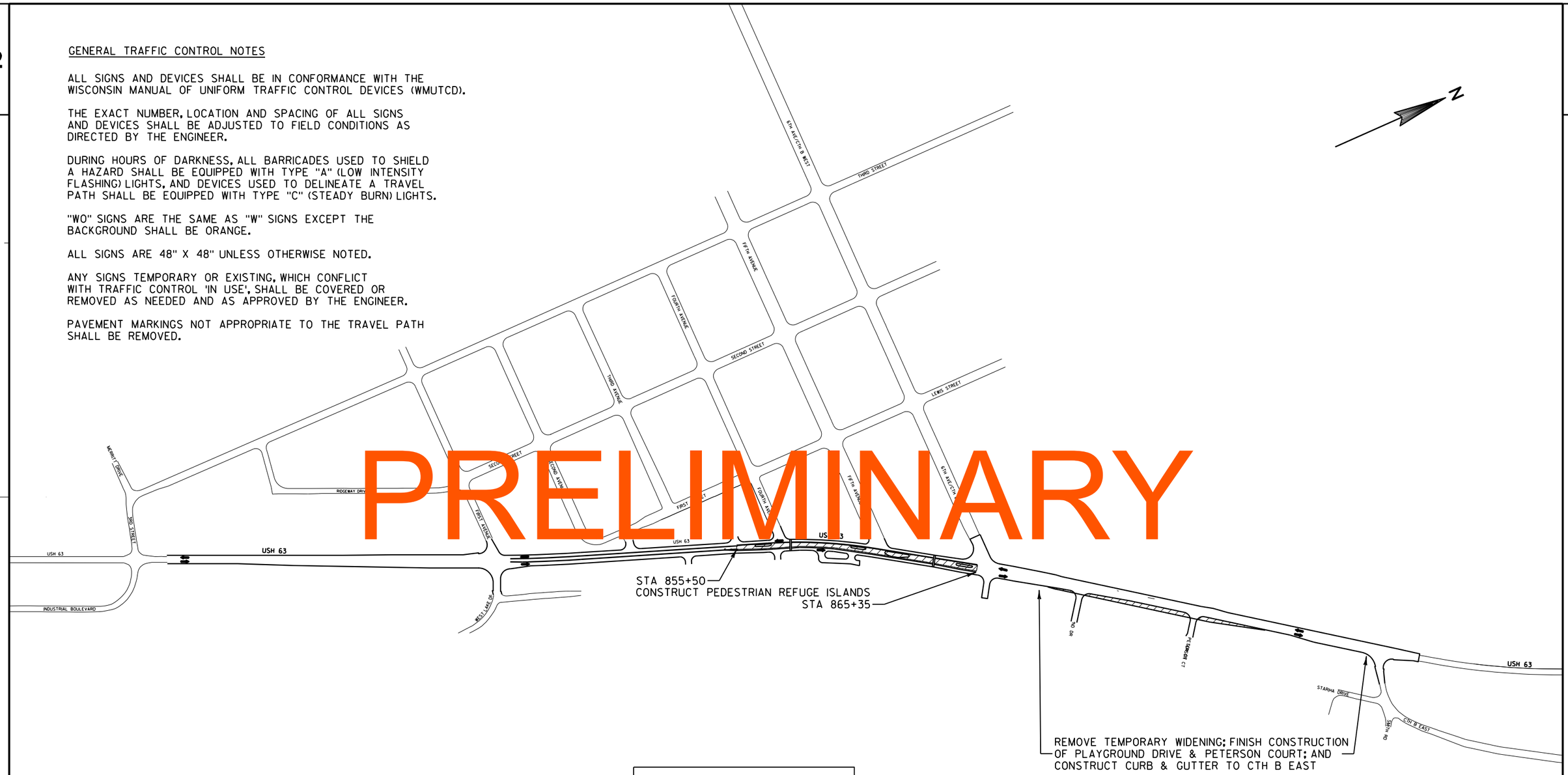


PRELIMINARY

TRAFFIC OVERVIEW LEGEND

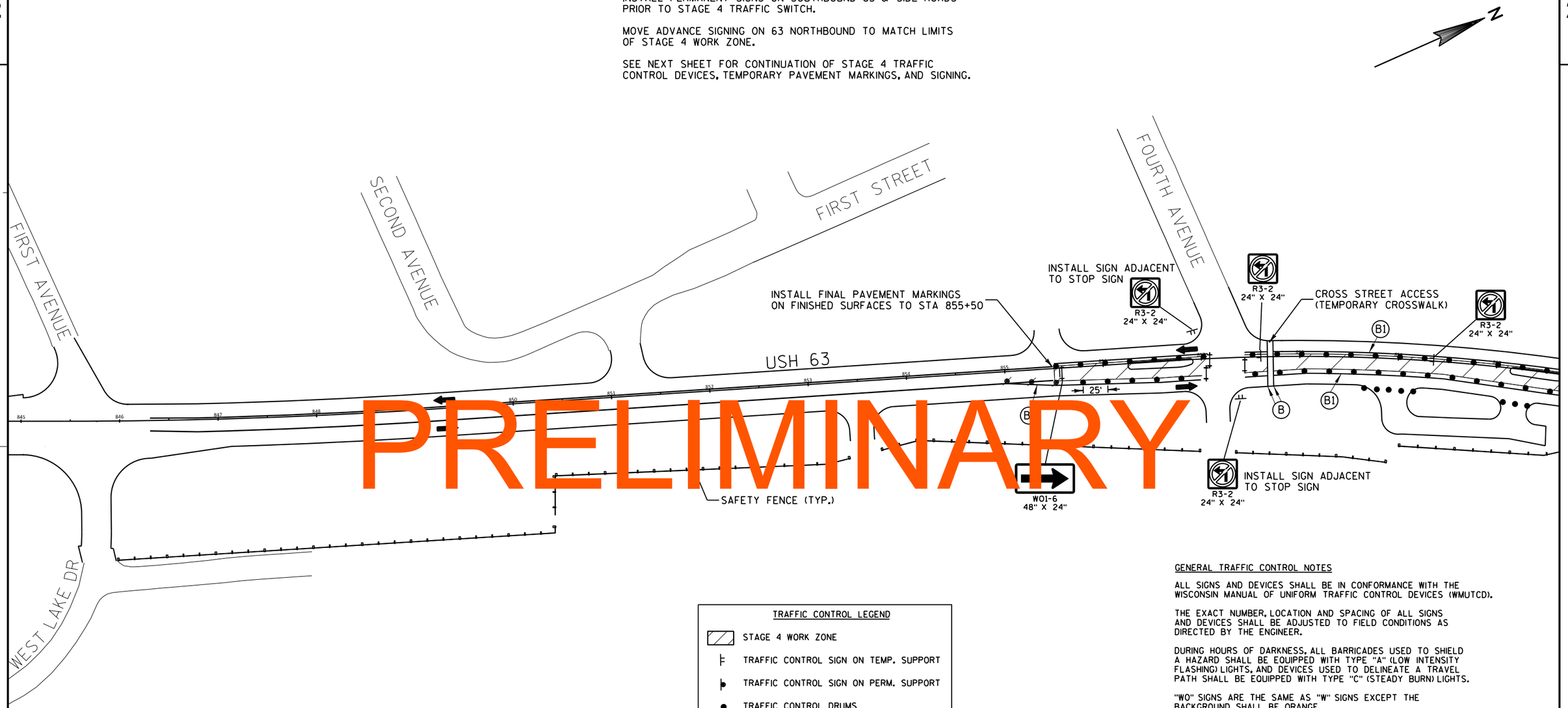
- STAGE 4 WORK ZONE
- TRAFFIC FLOW ARROW
- TRAFFIC CONTROL SIGN

PROJECT NO: 1560-31-71	HWY: USH 63	COUNTY: WASHBURN	TRAFFIC CONTROL - STAGE 4 URBAN OVERVIEW	SHEET	E

INSTALL PERMANENT SIGNS ON SOUTHBOUND 63 & SIDE ROADS PRIOR TO STAGE 4 TRAFFIC SWITCH.

MOVE ADVANCE SIGNING ON 63 NORTHBOUND TO MATCH LIMITS OF STAGE 4 WORK ZONE.

SEE NEXT SHEET FOR CONTINUATION OF STAGE 4 TRAFFIC CONTROL DEVICES, TEMPORARY PAVEMENT MARKINGS, AND SIGNING.



PRELIMINARY

TEMPORARY PM LEGEND

(A) REMOVING PAVEMENT MARKINGS	(D) TEMPORARY PAVEMENT MARKING REFLECTIVE PAINT 4-INCH (YELLOW)
(B) TEMPORARY PAVEMENT MARKING REMOVABLE TAPE 4-INCH (WHITE)	(E) TEMPORARY PAVEMENT MARKING REFLECTIVE PAINT 4-INCH (WHITE)
(B1) TEMPORARY PAVEMENT MARKING REMOVABLE TAPE 4-INCH (YELLOW)	(F) TEMPORARY PAVEMENT MARKING REFLECTIVE PAINT 4-INCH (DOUBLE YELLOW)
(C) TEMPORARY PAVEMENT MARKING REMOVABLE TAPE 4-INCH (DOUBLE YELLOW)	(G) EXISTING PAVEMENT MARKINGS TO REMAIN

TRAFFIC CONTROL LEGEND

- STAGE 4 WORK ZONE
- TRAFFIC CONTROL SIGN ON TEMP. SUPPORT
- TRAFFIC CONTROL SIGN ON PERM. SUPPORT
- TRAFFIC CONTROL DRUMS
- TRAFFIC CONTROL DRUMS W/TYPE C LIGHTS
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PROJECT NO: 1560-31-71	HWY: USH 63	COUNTY: WASHBURN	TRAFFIC CONTROL - STAGE 4 - URBAN CORRIDOR	SHEET	E

2

PRELIMINARY

TRAFFIC CONTROL LEGEND	
	STAGE 4 WORK ZONE
	TRAFFIC CONTROL SIGN ON TEMP. SUPPORT
	TRAFFIC CONTROL SIGN ON PERM. SUPPORT
	TRAFFIC CONTROL DRUMS
	TRAFFIC CONTROL DRUMS W/TYPE C LIGHTS
	TYPE III BARRICADE WITH SIGN/W/OUT SIGN
	FLEXIBLE TUBULAR MARKER & BASE
	WARNING LIGHT TYPE A (FLASHING)
	TRAFFIC FLOW ARROW

N

MAINTAIN TWO TEMPORARY CROSSWALKS. ACTUAL LOCATION DEPENDS ON CONSTRUCTION SCHEDULE.

SEE PRECEDING SHEET FOR CONTINUATION OF STAGE 4 TRAFFIC CONTROL DEVICES, TEMPORARY PAVEMENT MARKINGS, AND SIGNING.

6TH AVE/CTH B WEST

5TH AVE

PROVIDE ATV TRAIL CROSSING

W01-6
48" X 24"

INSTALL FINAL PAVEMENT MARKINGS ON FINISHED SURFACES FROM STA 866+21

FINISH CONSTRUCTION WITH THE USE OF A FLAGGING OPERATION

B1

25'

R1-2
36" X 31"

ATV TRAIL

ROAD WORK AHEAD
W20-1

SAFETY FENCE (TYP.)

MEMORIAL PARK ENTR.

PLAYGROUND DR

PETERSON CT

USH 63

866 867 869 872 873 874 875 876

TEMPORARY PM LEGEND	
(A) REMOVING PAVEMENT MARKINGS	(D) TEMPORARY PAVEMENT MARKING REFLECTIVE PAINT 4-INCH (YELLOW)
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(C) TEMPORARY PAVEMENT MARKING REMOVABLE TAPE 4-INCH (DOUBLE YELLOW)	(G) EXISTING PAVEMENT MARKINGS TO REMAIN

GENERAL TRAFFIC CONTROL NOTES

ALL SIGNS AND DEVICES SHALL BE IN CONFORMANCE WITH THE WISCONSIN MANUAL OF UNIFORM TRAFFIC CONTROL DEVICES (WMUTCD).

THE EXACT NUMBER, LOCATION AND SPACING OF ALL SIGNS AND DEVICES SHALL BE ADJUSTED TO FIELD CONDITIONS AS DIRECTED BY THE ENGINEER.

DURING HOURS OF DARKNESS, ALL BARRICADES USED TO SHIELD A HAZARD SHALL BE EQUIPPED WITH TYPE "A" (LOW INTENSITY FLASHING) LIGHTS, AND DEVICES USED TO DELINEATE A TRAVEL PATH SHALL BE EQUIPPED WITH TYPE "C" (STEADY BURN) LIGHTS.

"WO" SIGNS ARE THE SAME AS "W" SIGNS EXCEPT THE BACKGROUND SHALL BE ORANGE.

ALL SIGNS ARE 48" X 48" UNLESS OTHERWISE NOTED.

ANY SIGNS TEMPORARY OR EXISTING, WHICH CONFLICT WITH TRAFFIC CONTROL 'IN USE', SHALL BE COVERED OR REMOVED AS NEEDED AND AS APPROVED BY THE ENGINEER.

PAVEMENT MARKINGS NOT APPROPRIATE TO THE TRAVEL PATH SHALL BE REMOVED.

ALL TYPE III BARRICADES SHALL HAVE AN EQUIVALENT WIDTH OF 8 FEET. BARRICADES IN A CLOSED LANE THAT MUST BE MOVED FOR A WORK OPERATION SHALL BE IMMEDIATELY RE-ESTABLISHED UPON COMPLETION OF THE OPERATION OR, FOR CONTINUING OPERATIONS, AT THE END OF EACH WORKING DAY.

PROJECT NO: 1560-31-71	HWY: USH 63	COUNTY: WASHBURN	TRAFFIC CONTROL - STAGE 4 - URBAN CORRIDOR	SHEET	E

2

N

LEGEND

NORTHBOUND USH 63 DETOUR

SOUTHBOUND USH 63 DETOUR

Burnett Co.

Washburn Co.

Barronett

Cumberland

Rice Lake

Haugen

Bear Lake

Sarona

Shell Lake

Spooner

Trego

PROJECT LIMITS
ID 1560-31-71

PROJECT LIMITS
ID 1550-21-71

PRELIMINARY

PROJECT NO: 1560-31-71	HWY: USH 63	COUNTY: WASHBURN	USH 63 DETOUR OVERVIEW	SHEET	E

2

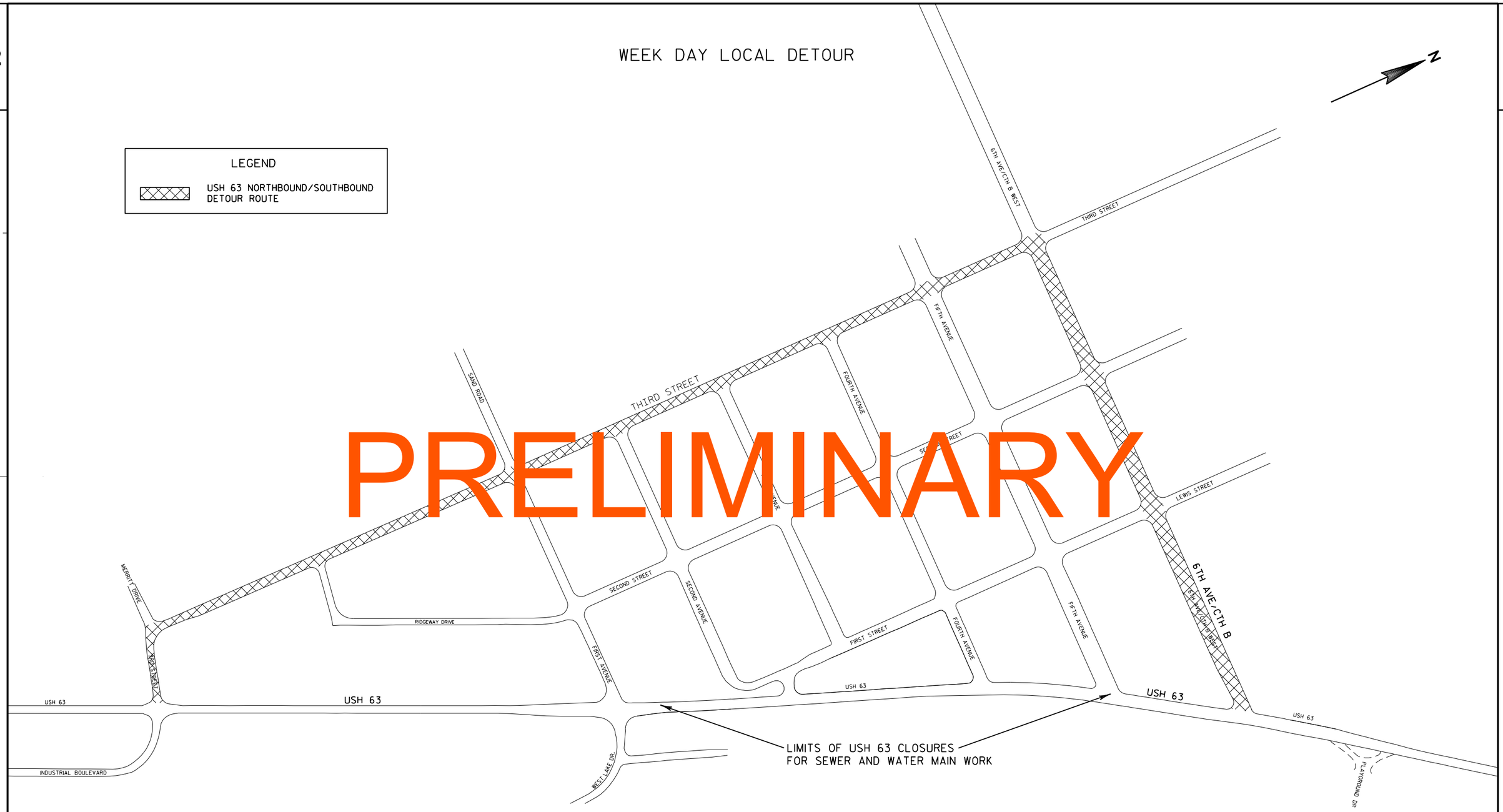
WEEK DAY LOCAL DETOUR

2

LEGEND

USH 63 NORTHBOUND/SOUTHBOUND DETOUR ROUTE

PRELIMINARY



PROJECT NO: 1560-31-71	HWY: USH 63	COUNTY: WASHBURN	DETOUR OVERVIEW - USH 63 - LOCAL DETOUR	SHEET	E

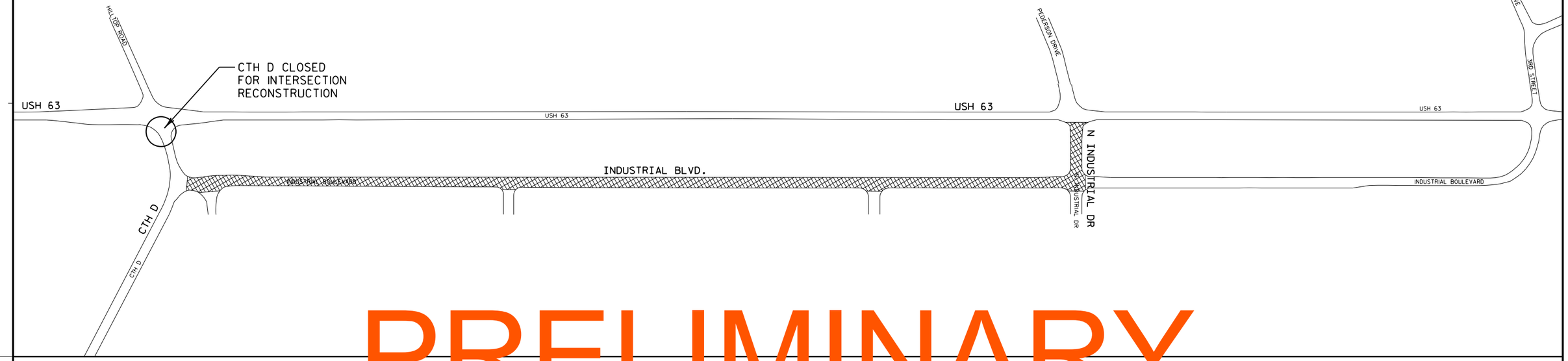
FILE NAME : W:\NWBE_PROJECTS\DESIGN\1101_SHELL_LAKE_SS\CADD\Traffic Control\Detour Plan\027002_dt.dgn PLOT DATE : 7/31/2014 PLOT BY : NWBE PLOT NAME : PLOT SCALE : N/A

2

CTH D DETOUR

LEGEND

CTH D DETOUR ROUTE

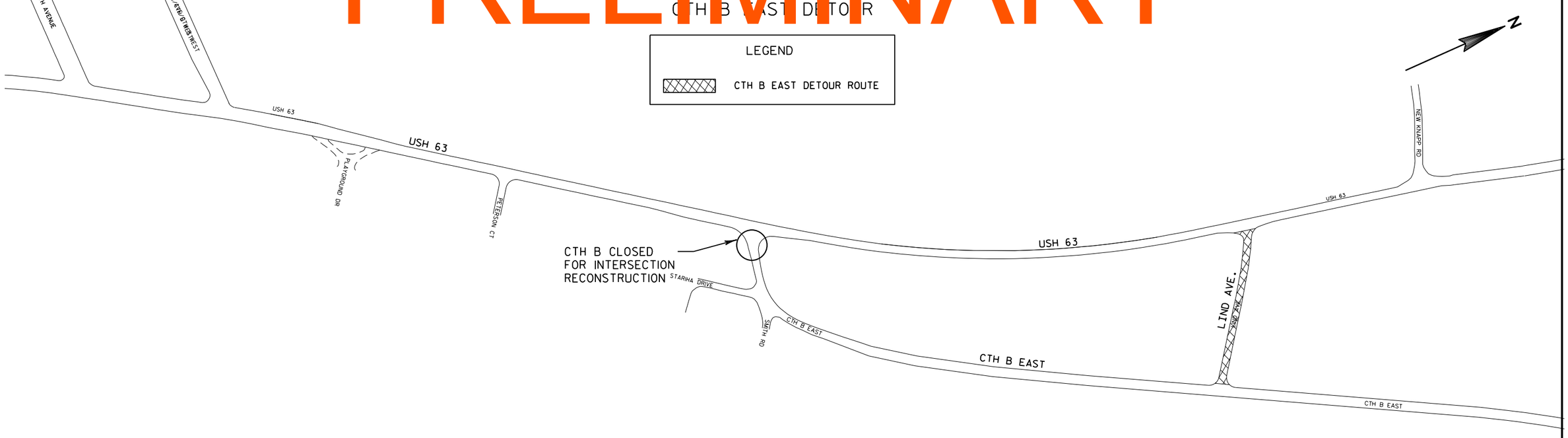


PRELIMINARY

CTH B EAST DETOUR

LEGEND

CTH B EAST DETOUR ROUTE



PROJECT NO: 1560-31-71	HWY: USH 63	COUNTY: WASHBURN	DETOUR OVERVIEW - CTH D & CTH B EAST	SHEET	E

FILE NAME : W:\NWBE_PROJECTS\DESIGN\1101_SHELL_LAKE_SS\CADD\Traffic Control\Detour Plan\027003_dt.dgn PLOT DATE : 7/31/2014 PLOT BY : NWBE PLOT NAME : PLOT SCALE : N/A

WISDOT/CADDS SHEET 42

GENERAL DETOUR NOTES:

DETAILS AND LOCATION OF TRAFFIC CONTROL DEVICES NOT SHOWN ON THIS DRAWING SHALL CONFORM TO THE PERTINENT REQUIREMENTS OF THE MANUAL OF UNIFORM TRAFFIC CONTROL DEVICES (MUTCD) AND WISCONSIN SUPPLEMENT TO THE MUTCD.

THE EXACT NUMBER, LOCATION AND SPACING OF ALL SIGNS ARE APPROXIMATE AND SHALL BE ADJUSTED TO FIT FIELD CONDITIONS. INSTALL DETOUR ASSEMBLIES ADJACENT TO EXISTING ROUTE MARKERS WHEN POSSIBLE.

DURING HOURS OF DARKNESS ALL BARRICADES USED TO SHIELD A HAZARD SHALL BE EQUIPPED WITH "TYPE A" FLASHING WARNING LIGHTS.

ALL SIGNS ARE 48" X 48" UNLESS OTHERWISE NOTED. USE LARGE SIZE M-SERIES SIGNS ON USH 53. INSTALL DETOUR ASSEMBLIES ADJACENT TO EXISTING ROUTE MARKERS.

UNLESS OTHERWISE NOTED, THE CONTRACTOR SHALL MAINTAIN ACCESS TO ALL DRIVEWAYS AT ALL TIMES DURING CONSTRUCTION.

"WO" SIGNS ARE THE SAME AS "W" SIGNS EXCEPT THE BACKGROUND IS ORANGE.

"MO" SIGNS ARE THE SAME AS "M" SIGNS EXCEPT THE BACKGROUND IS ORANGE.

ALL SIGNS OR PAVEMENT MARKINGS, WHICH MAY CONFLICT WITH THE CONSTRUCTION TRAFFIC PATTERN SHALL BE REMOVED OR COVERED.

COVER R11-3 SIGNS BY FRIDAY AT 3:00 PM FOR WEEKEND TRAFFIC. THE TRUCK DETOUR MAY BE LEFT INPLACE.

LEGEND

- DETOUR SIGN ON SINGLE POST
- DETOUR SIGN ON DOUBLE POSTS
- MB CHANGEABLE MESSAGE SIGN
- NB USH 63 DETOUR
- SB USH 63 DETOUR

DETOUR M4-8 24" X 12" 36" X 18"
SOUTH M3-3 24" X 12" 36" X 18"
NORTH M3-1 24" X 12" 36" X 18"
63 M1-4 24" X 24" 36" X 36"
TRUCK M4-4 24" X 12" 36" X 18"
END M4-6 24" X 12"
M06-1 21" X 21"
M06-1 21" X 21"
M05-1L 21" X 21"
M05-2R 21" X 21" 30" X 30"
M06-1 21" X 21" 30" X 30"

COVER 'TRUCK' SIGNS WHEN USH 63 IS CLOSED TO ALL TRAFFIC (APPROX. 4 DAYS).

PRELIMINARY

Haugen
Cumberland
Rice Lake
N
63
48
53
B
H
P
V
SS
1A
1B
1
2
3
4
4A
5
7
8
25
MB

NORTH 63
ROAD CLOSED 7 MILES AHEAD LOCAL TRAFFIC ONLY
R11-3 60" X 30"
ROAD OPEN TO BARRONETT
R10-61 60" X 30"
USE SIGN INSTALLATION ONLY WHEN USH 63 IS CLOSED TO ALL TRAFFIC

TRUCK DETOUR AHEAD W20-2

NORTH 63
ROAD CLOSED 9 MILES AHEAD LOCAL TRAFFIC ONLY
R11-3 60" X 30"
ROAD OPEN TO BARRONETT
R10-61 36" X 24"
USE SIGN INSTALLATIONS ONLY WHEN USH 63 IS CLOSED TO ALL TRAFFIC

1	2	3	4	5	6	7	8	9
DETOUR NORTH 63 OR 1A OR 1B	TRUCK DETOUR NORTH 63	TRUCK DETOUR NORTH 63	TRUCK DETOUR NORTH 63 OR 4A	DETOUR SOUTH 63	TRUCK DETOUR SOUTH 63	TRUCK DETOUR SOUTH 63	TRUCK DETOUR SOUTH 63	END DETOUR SOUTH 63

TRUCK NORTH 63
DETOUR AHEAD W20-2

PROJECT NO: 1560-31-71	HWY: USH 63	COUNTY: WASHBURN	USH 63 DETOUR SIGNING	SHEET	E

FILE NAME : W:\NWBE_PROJECTS\DESIGN\1101_SHELL_LAKE_SS\CADD\Traffic Control\Detour Plan\027004_dt.dgn PLOT DATE : 7/31/2014 PLOT BY : NWBE PLOT NAME : PLOT SCALE : N/A

GENERAL DETOUR NOTES:

DETAILS AND LOCATION OF TRAFFIC CONTROL DEVICES NOT SHOWN ON THIS DRAWING SHALL CONFORM TO THE PERTINENT REQUIREMENTS OF THE MANUAL OF UNIFORM TRAFFIC CONTROL DEVICES (MUTCD) AND WISCONSIN SUPPLEMENT TO THE MUTCD.

THE EXACT NUMBER, LOCATION AND SPACING OF ALL SIGNS ARE APPROXIMATE AND SHALL BE ADJUSTED TO FIT FIELD CONDITIONS. INSTALL DETOUR ASSEMBLIES ADJACENT TO EXISTING ROUTE MARKERS WHEN POSSIBLE.

DURING HOURS OF DARKNESS ALL BARRICADES USED TO SHIELD A HAZARD SHALL BE EQUIPPED WITH "TYPE A" FLASHING WARNING LIGHTS.

ALL SIGNS ARE 48" X 48" UNLESS OTHERWISE NOTED. USE LARGE SIZE M-SERIES SIGNS ON USH 53. INSTALL DETOUR ASSEMBLIES ADJACENT TO EXISTING ROUTE MARKERS.

UNLESS OTHERWISE NOTED, THE CONTRACTOR SHALL MAINTAIN ACCESS TO ALL DRIVEWAYS AT ALL TIMES DURING CONSTRUCTION.

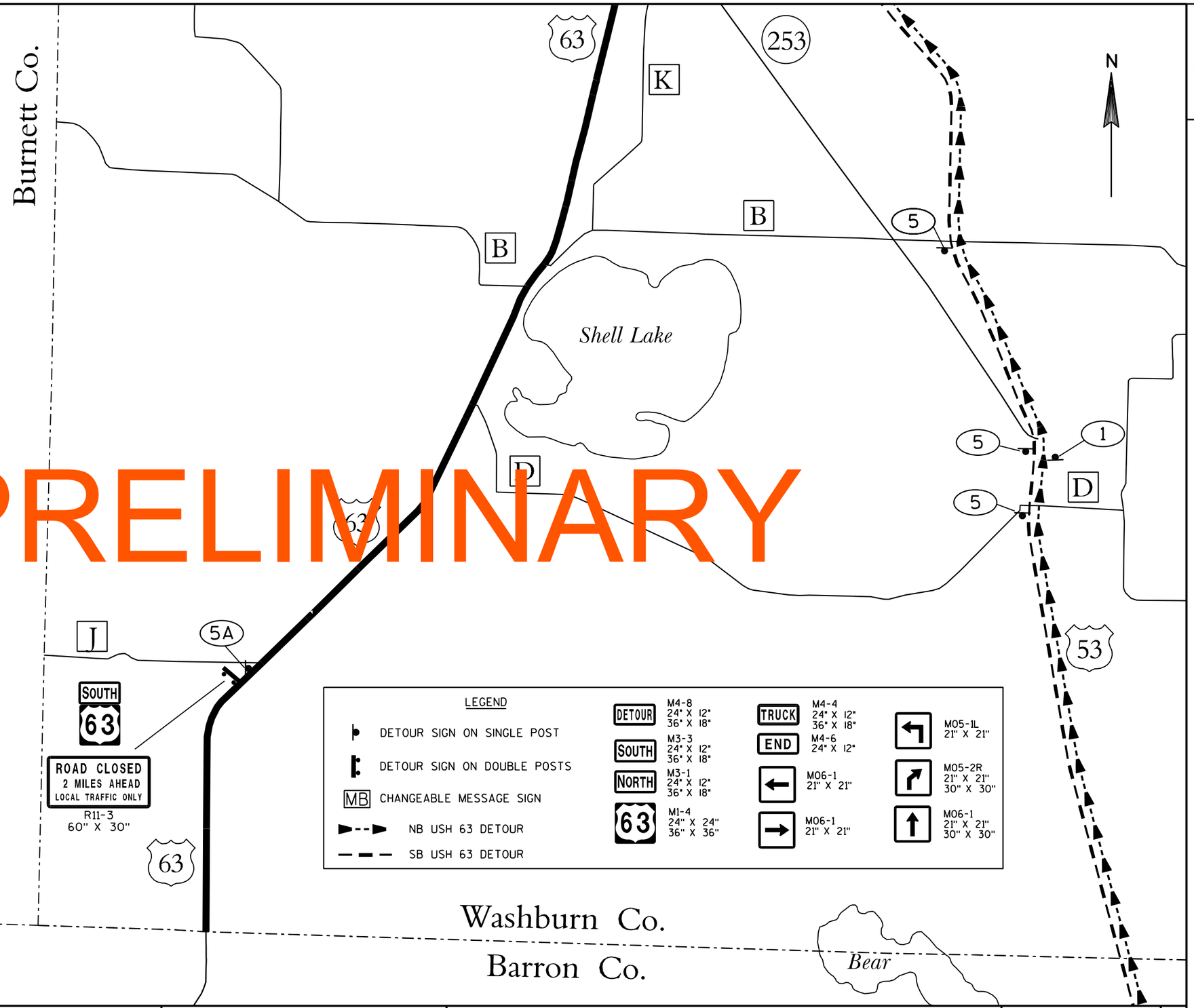
"WO" SIGNS ARE THE SAME AS "W" SIGNS EXCEPT THE BACKGROUND IS ORANGE.

"MO" SIGNS ARE THE SAME AS "M" SIGNS EXCEPT THE BACKGROUND IS ORANGE.

ALL SIGNS OR PAVEMENT MARKINGS, WHICH MAY CONFLICT WITH THE CONSTRUCTION TRAFFIC PATTERN SHALL BE REMOVED OR COVERED.

COVER R11-3 SIGNS BY FRIDAY AT 3:00 PM FOR WEEKEND TRAFFIC. THE TRUCK DETOUR MAY BE LEFT INPLACE.

PRELIMINARY



PROJECT NO: 1560-31-71	HWY: USH 63	COUNTY: WASHBURN	USH 63 DETOUR SIGNING	SHEET	E

GENERAL DETOUR NOTES:

DETAILS AND LOCATION OF TRAFFIC CONTROL DEVICES NOT SHOWN ON THIS DRAWING SHALL CONFORM TO THE PERTINENT REQUIREMENTS OF THE MANUAL OF UNIFORM TRAFFIC CONTROL DEVICES (MUTCD) AND WISCONSIN SUPPLEMENT TO THE MUTCD.

THE EXACT NUMBER, LOCATION AND SPACING OF ALL SIGNS ARE APPROXIMATE AND SHALL BE ADJUSTED TO FIT FIELD CONDITIONS. INSTALL DETOUR ASSEMBLIES ADJACENT TO EXISTING ROUTE MARKERS WHEN POSSIBLE.

DURING HOURS OF DARKNESS ALL BARRICADES USED TO SHIELD A HAZARD SHALL BE EQUIPPED WITH "TYPE A" FLASHING WARNING LIGHTS.

ALL SIGNS ARE 48" X 48" UNLESS OTHERWISE NOTED. USE LARGE SIZE M-SERIES SIGNS ON USH 53. INSTALL DETOUR ASSEMBLIES ADJACENT TO EXISTING ROUTE MARKERS.

UNLESS OTHERWISE NOTED, THE CONTRACTOR SHALL MAINTAIN ACCESS TO ALL DRIVEWAYS AT ALL TIMES DURING CONSTRUCTION.

"WO" SIGNS ARE THE SAME AS "W" SIGNS EXCEPT THE BACKGROUND IS ORANGE.

"MO" SIGNS ARE THE SAME AS "M" SIGNS EXCEPT THE BACKGROUND IS ORANGE.

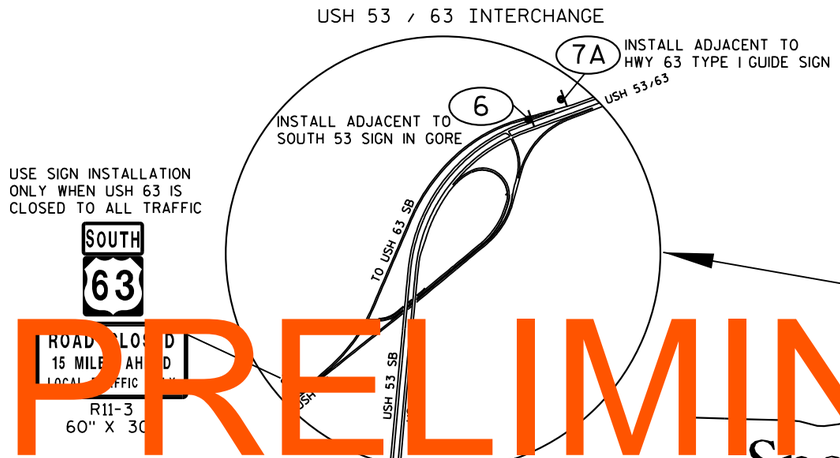
ALL SIGNS OR PAVEMENT MARKINGS, WHICH MAY CONFLICT WITH THE CONSTRUCTION TRAFFIC PATTERN SHALL BE REMOVED OR COVERED.

COVER R11-3 SIGNS BY FRIDAY AT 3:00 PM FOR WEEKEND TRAFFIC. THE TRUCK DETOUR MAY BE LEFT INPLACE.

LEGEND

- DETOUR SIGN ON SINGLE POST
- DETOUR SIGN ON DOUBLE POSTS
- MB CHANGEABLE MESSAGE SIGN
- NB USH 63 DETOUR
- SB USH 63 DETOUR

DETOUR M4-8 24" X 12" 36" X 18"
SOUTH M3-3 24" X 12" 36" X 18"
NORTH M3-1 24" X 12" 36" X 18"
63 M1-4 24" X 24" 36" X 36"
TRUCK M4-4 24" X 12" 36" X 18"
END M4-6 24" X 12"
M06-1 21" X 21"
M06-1 21" X 21"
M05-1L 21" X 21"
M05-2R 21" X 21" 30" X 30"
M06-1 21" X 21" 30" X 30"

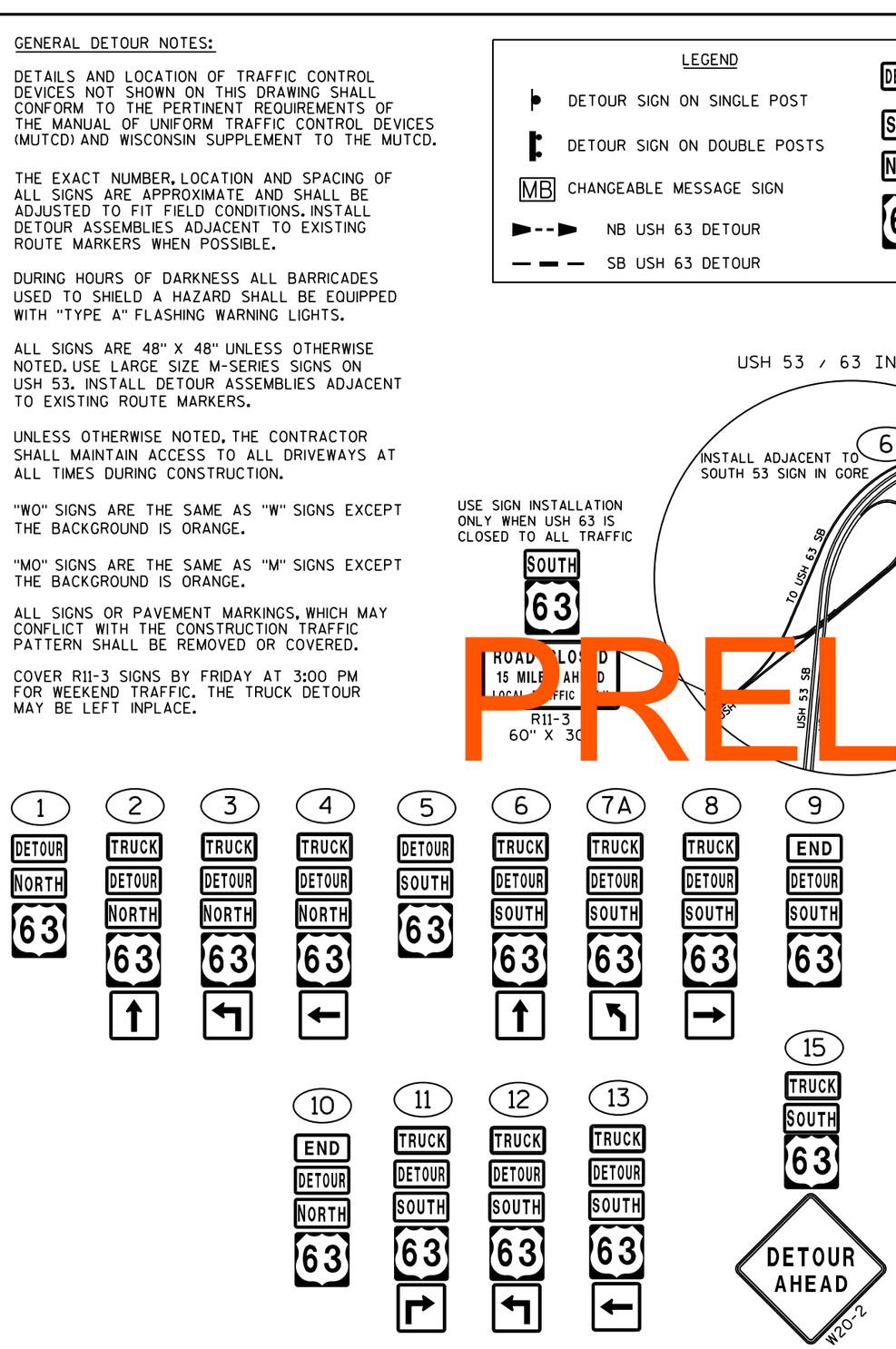


USE SIGN INSTALLATION ONLY WHEN USH 63 IS CLOSED TO ALL TRAFFIC

SOUTH 63

ROAD CLOSED
15 MILES AHEAD
LOCAL TRAFFIC ONLY

R11-3
60" X 30"



COVER 'TRUCK' SIGNS WHEN USH 63 IS CLOSED TO ALL TRAFFIC (APPROX. 4 DAYS).

FIXED MESSAGE SIGN. SEE SIGN DETAIL SHEET.

TRUCKS UNDER 40 FEET DETOUR EXEMPT

102"X48"

USE SIGN INSTALLATION ONLY WHEN USH 63 IS CLOSED TO ALL TRAFFIC

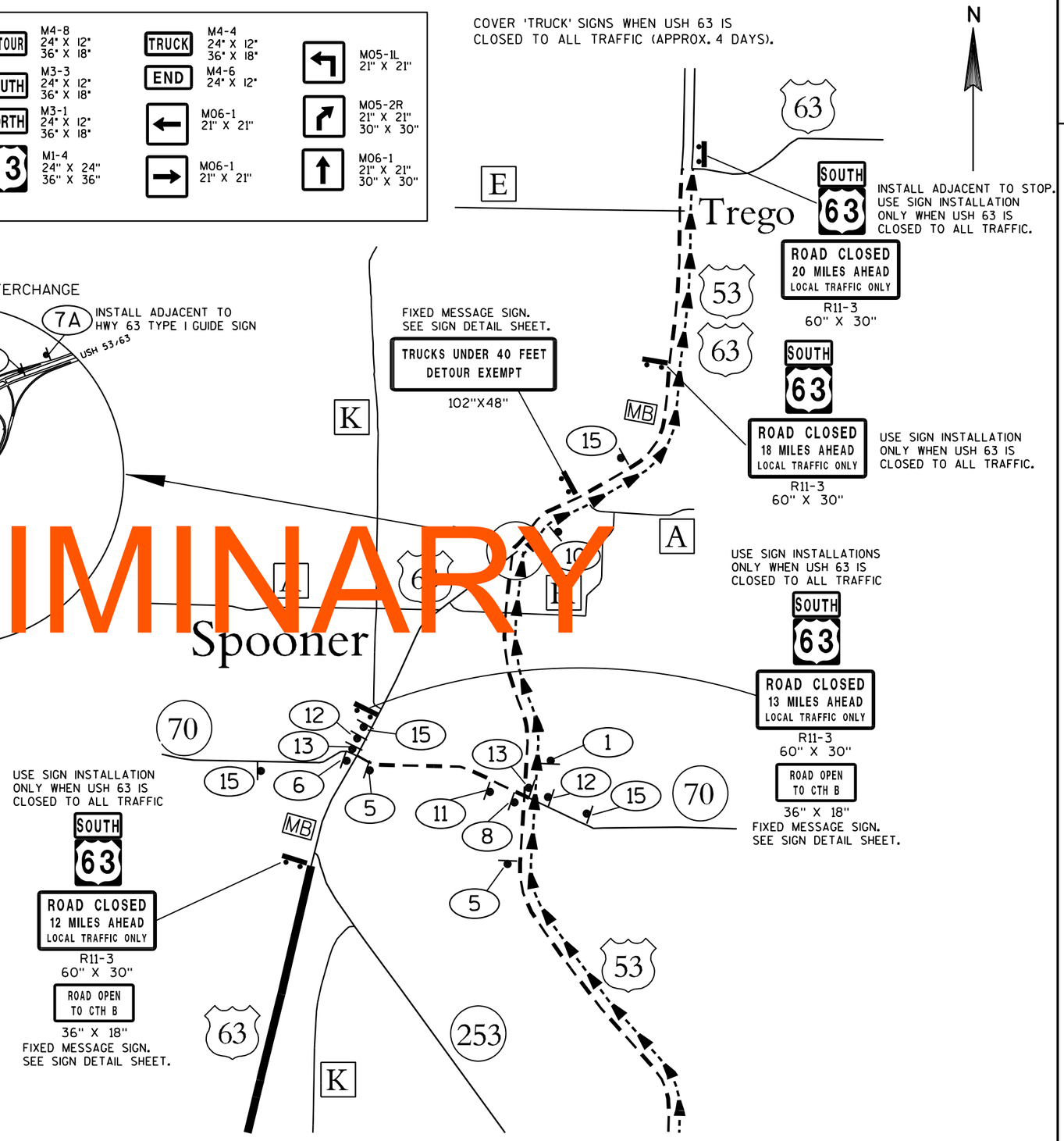
SOUTH 63

ROAD CLOSED
12 MILES AHEAD
LOCAL TRAFFIC ONLY

R11-3
60" X 30"

ROAD OPEN TO CTH B

36" X 18"
FIXED MESSAGE SIGN.
SEE SIGN DETAIL SHEET.



PRELIMINARY

PROJECT NO: 1560-31-71	HWY: USH 63	COUNTY: WASHBURN	USH 63 DETOUR SIGNING	SHEET	E

LEGEND

- DETOUR SIGN ON SINGLE POST
- DETOUR SIGN ON DOUBLE POSTS
- TYPE III BARRICADE WITH SIGN
- NB/SB USH 63 DETOUR

DETOUR M4-8 24" X 12"
SOUTH M3-3 24" X 12"
NORTH M3-1 24" X 12"
63 M1-4 24" X 24"
END M4-6 24" X 12"
M06-1 21" X 21"
M06-1 21" X 21"
M05-1L 21" X 21"
M05-1R 21" X 21"
M06-1 21" X 21"

* INSTALL SIGNS ADJACENT TO STOP SIGN.

F
R11-4
60" X 30"
ROAD CLOSED TO THRU TRAFFIC
TYPE III BARRICADE

GENERAL DETOUR NOTES:

DETAILS AND LOCATION OF TRAFFIC CONTROL DEVICES NOT SHOWN ON THIS DRAWING SHALL CONFORM TO THE PERTINENT REQUIREMENTS OF THE MANUAL OF UNIFORM TRAFFIC CONTROL DEVICES (MUTCD) AND WISCONSIN SUPPLEMENT TO THE MUTCD.

THE EXACT NUMBER, LOCATION AND SPACING OF ALL SIGNS ARE APPROXIMATE AND SHALL BE ADJUSTED TO FIT FIELD CONDITIONS.

DURING HOURS OF DARKNESS ALL BARRICADES USED TO SHIELD A HAZARD SHALL BE EQUIPPED WITH "TYPE A" FLASHING WARNING LIGHTS.

ALL SIGNS ARE 48" X 48" UNLESS OTHERWISE NOTED.

UNLESS OTHERWISE NOTED, THE CONTRACTOR SHALL MAINTAIN ACCESS TO ALL DRIVEWAYS AT ALL TIMES DURING CONSTRUCTION.

"WO" SIGNS ARE THE SAME AS "W" SIGNS EXCEPT THE BACKGROUND IS ORANGE.

"MO" SIGNS ARE THE SAME AS "M" SIGNS EXCEPT THE BACKGROUND IS ORANGE.

ALL SIGNS OR PAVEMENT MARKINGS, WHICH MAY CONFLICT WITH THE CONSTRUCTION TRAFFIC PATTERN SHALL BE REMOVED OR COVERED.

PRELIMINARY

1 DETOUR NORTH 63
22 DETOUR NORTH 63
23 DETOUR NORTH 63
24 DETOUR NORTH 63
25 DETOUR NORTH 63
26 DETOUR NORTH 63
5 DETOUR SOUTH 63
36 DETOUR SOUTH 63
31 DETOUR SOUTH 63
32 DETOUR SOUTH 63
33 DETOUR SOUTH 63
34 DETOUR SOUTH 63
9 END DETOUR SOUTH 63
10 END DETOUR NORTH 63

E
R11-2
48" X 30"
ROAD CLOSED
TYPE III BARRICADE

PROJECT NO: 1560-31-71	HWY: USH 63	COUNTY: WASHBURN	USH 63 LOCAL DETOUR SIGNING	SHEET	E

FILE NAME : W:\NWBE_PROJECTS\DESIGN\1101_SHELL_LAKE_SS\CADD\Traffic Control\Detour Plan\027007_dt.dgn
PLOT DATE : 7/31/2014
PLOT BY : NWBE
PLOT NAME :
PLOT SCALE : N/A

2

LEGEND

- DETOUR SIGN ON SINGLE POST
- DETOUR SIGN ON DOUBLE POSTS
- TYPE III BARRICADE WITH SIGN
- CTH D DETOUR

DETOUR M4-8 24" X 12"

COUNTY D M1-5 24" X 24"

END M4-6 24" X 12"

M06-1 21" X 21"

M06-1 21" X 21"

M05-1L 21" X 21"

M05-1R 21" X 21"

M06-1 21" X 21"

GENERAL DETOUR NOTES:

DETAILS AND LOCATION OF TRAFFIC CONTROL DEVICES NOT SHOWN ON THIS DRAWING SHALL CONFORM TO THE PERTINENT REQUIREMENTS OF THE MANUAL OF UNIFORM TRAFFIC CONTROL DEVICES (MUTCD) AND WISCONSIN SUPPLEMENT TO THE MUTCD.

THE EXACT NUMBER, LOCATION AND SPACING OF ALL SIGNS ARE APPROXIMATE AND SHALL BE ADJUSTED TO FIT FIELD CONDITIONS.

DURING HOURS OF DARKNESS ALL BARRICADES USED TO SHIELD A HAZARD SHALL BE EQUIPPED WITH "TYPE A" FLASHING WARNING LIGHTS.

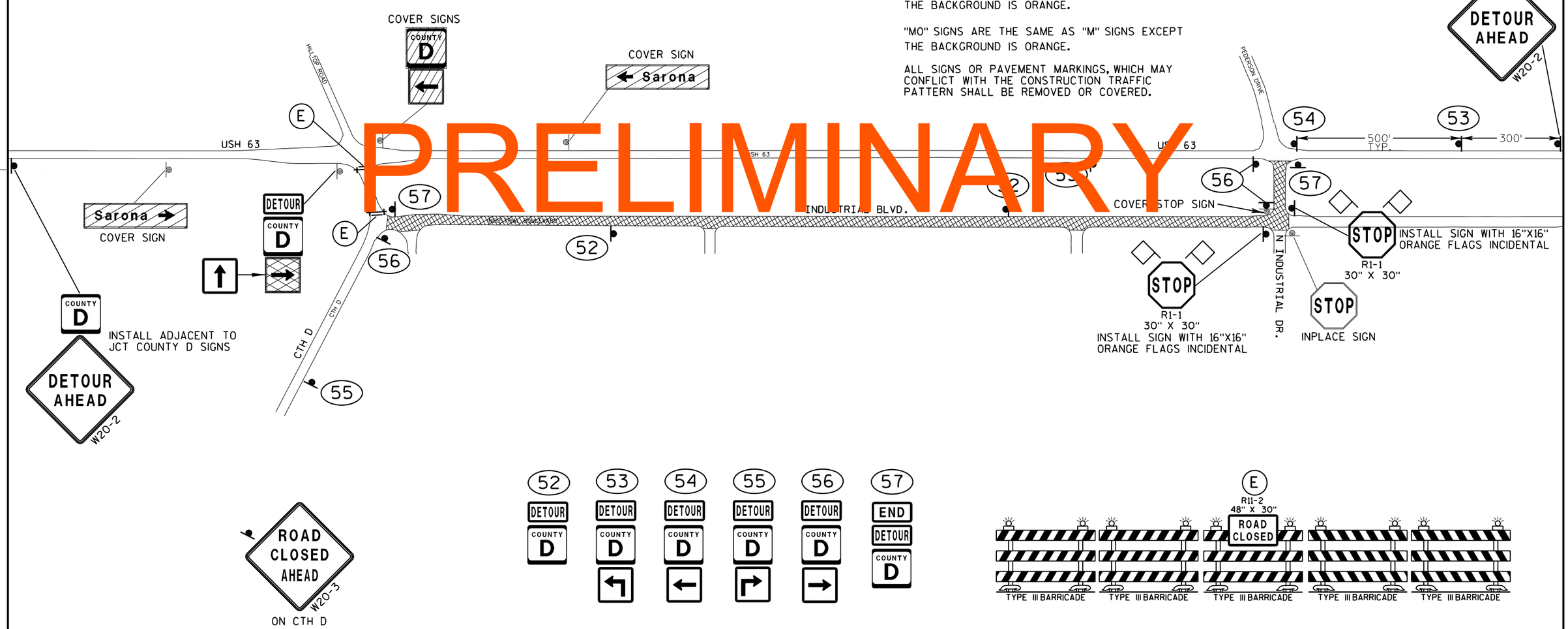
ALL SIGNS ARE 48" X 48" UNLESS OTHERWISE NOTED.

UNLESS OTHERWISE NOTED, THE CONTRACTOR SHALL MAINTAIN ACCESS TO ALL DRIVEWAYS AT ALL TIMES DURING CONSTRUCTION.

"WO" SIGNS ARE THE SAME AS "W" SIGNS EXCEPT THE BACKGROUND IS ORANGE.

"MO" SIGNS ARE THE SAME AS "M" SIGNS EXCEPT THE BACKGROUND IS ORANGE.

ALL SIGNS OR PAVEMENT MARKINGS, WHICH MAY CONFLICT WITH THE CONSTRUCTION TRAFFIC PATTERN SHALL BE REMOVED OR COVERED.



PRELIMINARY

PROJECT NO: 1560-31-71	HWY: USH 63	COUNTY: WASHBURN	CTH D DETOUR SIGNING	SHEET	E

2

LEGEND

- DETOUR SIGN ON SINGLE POST
- DETOUR SIGN ON DOUBLE POSTS
- TYPE III BARRICADE WITH SIGN
- CTH B DETOUR

DETOUR M4-8 24" X 12"
EAST M3-2 24" X 12"
COUNTY B M1-5 24" X 24"
END M4-6 24" X 12"
M06-1 21" X 21"
M06-1 21" X 21"
M05-1L 21" X 21"
M05-1R 21" X 21"
M06-1 21" X 21"

GENERAL DETOUR NOTES:

DETAILS AND LOCATION OF TRAFFIC CONTROL DEVICES NOT SHOWN ON THIS DRAWING SHALL CONFORM TO THE PERTINENT REQUIREMENTS OF THE MANUAL OF UNIFORM TRAFFIC CONTROL DEVICES (MUTCD) AND WISCONSIN SUPPLEMENT TO THE MUTCD.

THE EXACT NUMBER, LOCATION AND SPACING OF ALL SIGNS ARE APPROXIMATE AND SHALL BE ADJUSTED TO FIT FIELD CONDITIONS.

DURING HOURS OF DARKNESS ALL BARRICADES USED TO SHIELD A HAZARD SHALL BE EQUIPPED WITH "TYPE A" FLASHING WARNING LIGHTS.

ALL SIGNS ARE 48" X 48" UNLESS OTHERWISE NOTED.

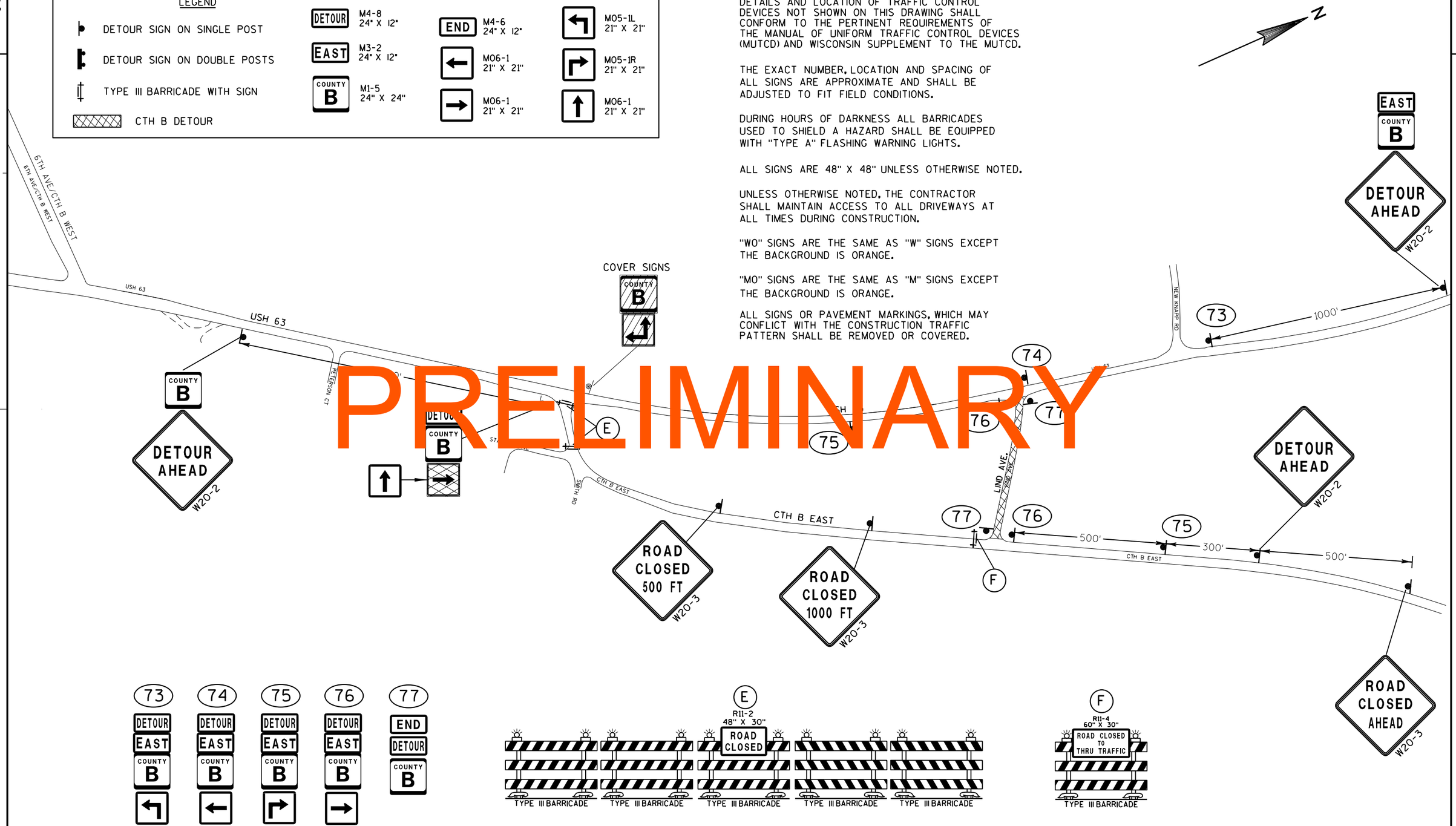
UNLESS OTHERWISE NOTED, THE CONTRACTOR SHALL MAINTAIN ACCESS TO ALL DRIVEWAYS AT ALL TIMES DURING CONSTRUCTION.

"WO" SIGNS ARE THE SAME AS "W" SIGNS EXCEPT THE BACKGROUND IS ORANGE.

"MO" SIGNS ARE THE SAME AS "M" SIGNS EXCEPT THE BACKGROUND IS ORANGE.

ALL SIGNS OR PAVEMENT MARKINGS, WHICH MAY CONFLICT WITH THE CONSTRUCTION TRAFFIC PATTERN SHALL BE REMOVED OR COVERED.

PRELIMINARY



73	74	75	76	77
DETOUR EAST COUNTY B	DETOUR EAST COUNTY B	DETOUR EAST COUNTY B	DETOUR EAST COUNTY B	END DETOUR COUNTY B

E
R11-2 48" X 30"
ROAD CLOSED
TYPE III BARRICADE (x5)

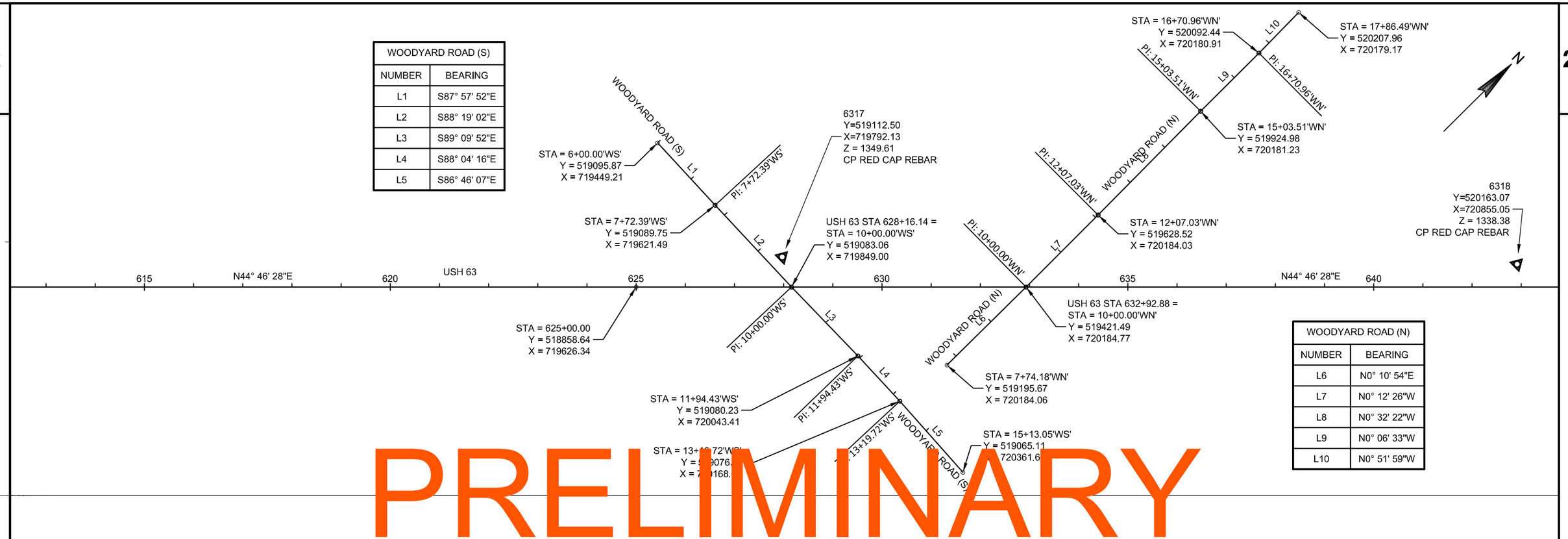
F
R11-4 60" X 30"
ROAD CLOSED TO THRU TRAFFIC
TYPE III BARRICADE

PROJECT NO: 1560-31-71	HWY: USH 63	COUNTY: WASHBURN	CTH B EAST DETOUR SIGNING	SHEET	E

FILE NAME : W:\NWBE_PROJECTS\DESIGN\1101_SHELL_LAKE_SS\CADD\Traffic Control\Detour Plan\027009_dt.dgn
PLOT DATE : 7/31/2014
PLOT BY : NWBE
PLOT NAME :
PLOT SCALE : N/A

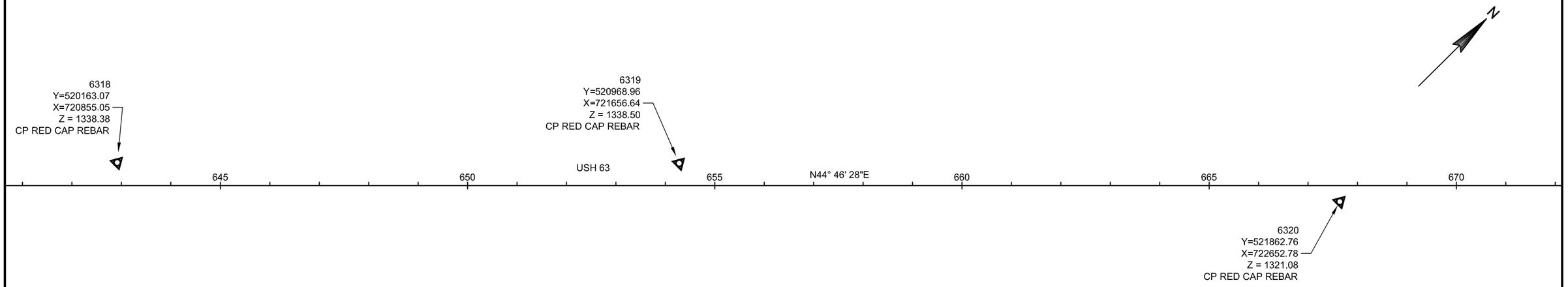
2

WOODYARD ROAD (S)	
NUMBER	BEARING
L1	S87° 57' 52"E
L2	S88° 19' 02"E
L3	S89° 09' 52"E
L4	S88° 04' 16"E
L5	S86° 47' 07"E



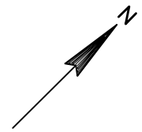
WOODYARD ROAD (N)	
NUMBER	BEARING
L6	N0° 10' 54"E
L7	N0° 12' 26"W
L8	N0° 32' 22"W
L9	N0° 06' 33"W
L10	N0° 51' 59"W

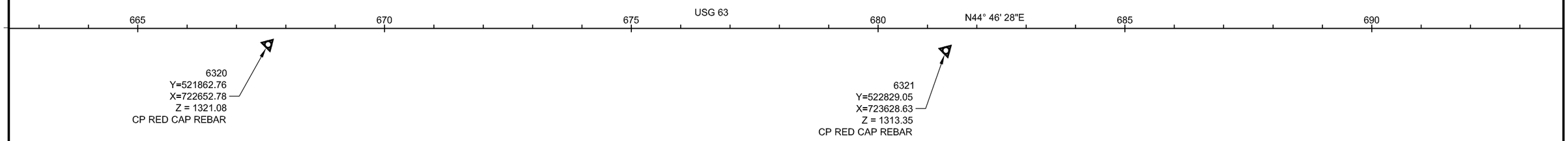
PRELIMINARY



PROJECT NO: 1560-31-71	HWY: USH 63	COUNTY: WASHBURN	ALIGNMENT DETAILS	SHEET	E

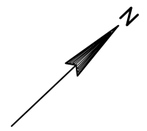
2

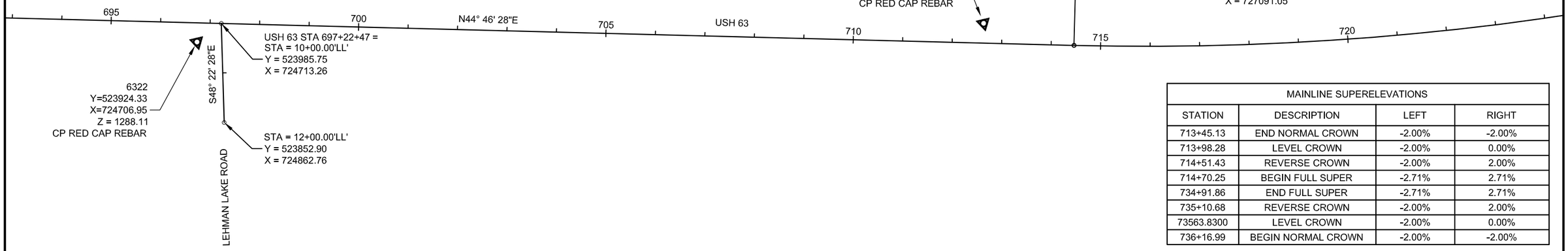




PRELIMINARY

PI STA = 724+92.46
Y = 525952.12
X = 726664.22
DELTA = 20°41'45"
D = 1°00'00"
T = 1046.19
L = 2069.58
R = 5729.58
PC STA = 714+46.27
Y = 525209.45
X = 725927.36
PT STA = 735+15.85
Y = 526907.28
X = 727091.05





MAINLINE SUPERELEVATIONS			
STATION	DESCRIPTION	LEFT	RIGHT
713+45.13	END NORMAL CROWN	-2.00%	-2.00%
713+98.28	LEVEL CROWN	-2.00%	0.00%
714+51.43	REVERSE CROWN	-2.00%	2.00%
714+70.25	BEGIN FULL SUPER	-2.71%	2.71%
734+91.86	END FULL SUPER	-2.71%	2.71%
735+10.68	REVERSE CROWN	-2.00%	2.00%
73563.8300	LEVEL CROWN	-2.00%	0.00%
736+16.99	BEGIN NORMAL CROWN	-2.00%	-2.00%

PROJECT NO: 1560-31-71	HWY: USH 63	COUNTY: WASHBURN	ALIGNMENT DETAILS	SHEET	E

2

PI STA = 8+12.17'HL'
Y = 526783.42
X = 726821.43
DELTA = 25°43'12"
D = 13°19'29"
T = 98.17
L = 193.03
R = 430.00
PC STA = 7+14.00'HL'
Y = 526784.56
X = 726723.27
PT STA = 9+07.03'HL'
Y = 526739.79
X = 726909.37

HEART LAKE ROAD

STA = 6+31.67'HL'
Y = 526785.52
X = 726640.94

L11

PC: 7+14.00'HL'

HEART LAKE ROAD	
NUMBER	BEARING
L11	N89° 19' 58"W
L12	S63° 36' 46"E

PT: 735+15.85

USH 63 STA 732+85.00 =
STA = 10+00.00'HL'
Y = 526698.47
X = 726992.65

L12

PT: 9+07.03'HL'

725 730 735 740 745 750

USH 63

N24° 04' 43"E

6324
Y=526005.33
X=726663.42
Z = 1281.26
CP RED CAP REBAR

6325
Y=527399.30
X=727343.78
Z = 1261.91
CP RED CAP REBAR

S67° 12' 06"E

USH 63 STA 748+39.89 =
STA = 10+00.00'OC'
Y = 528116.11
X = 727631.25

OLD 63 CONNECTION

STA = 11+94.52'OC'
Y = 528040.73
X = 727810.58

PRELIMINARY

6326.
Y=528875.94
X=727923.18
Z = 1259.32
CP RED CAP REBAR

6328.
Y=531516.42
X=729101.86
Z = 1239.66
CP RED CAP REBAR

755 760 765 USH 63 770 N24° 04' 43"E 775 780 785

6327
Y=530116.61
X=728563.32
Z = 1246.54
CP RED CAP REBAR

PROJECT NO: 1560-31-71	HWY: USH 63	COUNTY: WASHBURN	ALIGNMENT DETAILS	SHEET	E

FILE NAME : W:\NWBE_PROJECTS\DESIGN\1101_SHELL_LAKE_SS\C3D_12\027101_AD.DWG PLOT DATE : 9/18/2014 2:21 PM PLOT BY : GARY COLBERT PLOT NAME : PLOT SCALE : 1 IN:200 FT

2

PRELIMINARY

HILLTOP ROAD	
NUMBER	BEARING
L17	N89° 33' 58"E
L18	S89° 43' 07"E

PEDERSON DRIVE	
NUMBER	BEARING
L19	S88° 44' 40"E
L20	S80° 02' 03"E
L21	S78° 12' 33"E

COMMERCIAL DRIVE (U-TURN BUILDING)	
NUMBER	BEARING
L22	N0° 41' 09"E
L23	N88° 33' 31"E

PI: 3+89.43'HT'
STA = 3+89.43'HT'
Y = 531825.52
X = 728678.31
5'HT
L17
HILLTOP ROAD
PI: 6+22.55'HT'
STA = 6+22.55'HT'
Y = 531827.28
X = 728911.41
L18
6328.
Y=531516.42
X=729101.86
Z = 1239.66
CP RED CAP REBAR
USH 63 STA 789+02.74 =
STA = 10+00.00'HT'
Y = 531825.43
X = 729288.86
USH 63 STA 789+02.74 =
STA = 10+00.00'D'
Y = 531825.43
X = 729288.86
6329.
Y=532103.83
X=729469.49
Z = 1234.43
CP RED CAP REBAR
PI STA = 11+16.78'D'
Y = 531819.97
X = 729405.51
DELTA = 12°17'00"
D = 13°58'29"
T = 44.12
L = 87.90
R = 410.00
PC STA = 10+72.66'D'
Y = 531822.03
X = 729361.44
PT STA = 11+60.55'D'
Y = 531808.58
X = 729448.13
S87° 19' 18"E
PC: 10+72.66'D'
PCC: 11+60.55'D'
STA = 13+06.24'D'
Y = 531730.67
X = 729568.41
CTH D
PI STA = 12+35.88'D'
Y = 531789.14
X = 729520.91
DELTA = 35°56'39"
D = 24°40'22"
T = 75.33
L = 145.68
R = 232.22
PC STA = 11+60.55'D'
Y = 531808.58
X = 729448.13
PT STA = 13+06.24'D'
Y = 531730.67
X = 729568.41
785
790
795
USH 63
800
N24° 04' 43"E
805
810
6347.
Y=533188.07
X=729927.12
Z = 1234.69
CP
SCHOOL ENTRANCE
STA = 7+10.82'SE'
Y = 533713.53
X = 729816.46
S69° 24' 15"E
USH 63 STA 808+59.37 =
STA = 10+00.00'SE'
Y = 533611.81
X = 730087.15
N
PEDERSON DRIVE
PC: 11+11.60'C1'
COMMERCIAL ENTRANCE
(U-TURN BUILDING)
STA = 6+93.50'PD'
Y = 534412.58
X = 730124.07
L19
L22
PT: 11+65.27'C1'
L23
STA = 11+93.94'C1'
Y = 534558.33
X = 730239.67
STA = 10+00.00'C1'
Y = 534411.45
X = 730175.56
PC: 7+75.48'PD'
PT: 8+21.09'PD'
L20
PC: 8+71.62'PD'
PT: 9+35.32'PD'
L21
USH 63 STA 817+05.95 =
STA = 10+00.00'ID'
Y = 534384.72
X = 730432.55
PI STA = 7+98.43'PD'
Y = 534410.28
X = 730228.88
DELTA = 8°42'38"
D = 19°05'55"
T = 22.85
L = 45.61
R = 300.00
PC STA = 7+75.48'PD'
Y = 534410.78
X = 730206.04
PT STA = 8+21.09'PD'
Y = 534406.33
X = 730251.39
PI STA = 8+92.62'PD'
Y = 534392.07
X = 730332.53
DELTA = 1°49'30"
D = 2°51'53"
T = 31.85
L = 63.70
R = 2000.00
PC STA = 8+71.62'PD'
Y = 534397.58
X = 730301.15
PT STA = 9+35.32'PD'
Y = 534385.56
X = 730363.71
PI STA = 11+41.52'C1'
Y = 534556.76
X = 730177.30
DELTA = 87°52'22"
D = 163°42'08"
T = 33.72
L = 53.68
R = 35.00
PC STA = 11+11.60'C1'
Y = 534523.04
X = 730176.90
PT STA = 11+65.27'C1'
Y = 534557.61
X = 730211.02
PI STA = 11+41.53'S'
Y = 535357.76
X = 730770.80
DELTA = 75°57'54"
D = 73°27'22"
T = 60.90
L = 103.42
R = 78.00
PC STA = 10+80.63'3S'
Y = 535798.65
X = 730769.29
PT STA = 11+84.05'3S'
Y = 535721.55
X = 730826.51
PC: 10+80.63'3S'
10'3S'
3RD STREET
STA = 8+19.47'3S'
Y = 536059.73
X = 730775.67
N
USH 63 STA 816+92.40 =
STA = 10+00.00'PD'
Y = 534372.35
X = 730427.02
6341.
Y=534410.66
X=730500.65
Z = 1237.30
CP REBAR
S65° 59' 15"E
NORTH INDUSTRIAL DRIVE
STA = 11+48.57'ID'
Y = 534324.26
X = 730568.26
815
820
USH 63 STA 824+11.76 =
STA = 10+00.00'T3'
Y = 535029.11
X = 730720.51
T3
S65° 55' 17"E
EP: 11+22.45'T3'
STA = 11+22.45'T3'
Y = 534979.16
X = 730832.30
825
USH 63
6350.
Y=535210.38
X=730830.48
Z = 1238.13
CP 60D SPIKE
USH 63 STA 831+09.00 =
STA = 10+00.00'IB'
Y = 535665.69
X = 731004.98
S74° 33' 53"E
USH 63 STA 831+15.42 =
STA = 13+71.92'3S'
Y = 535671.55
X = 731007.60
830
835
N24° 04' 43"E
840
S64° 02' 59"E
PC: 10+55.36'IB'
STA = 11+94.92'IB'
Y = 535535.89
X = 731138.89
INDUSTRIAL BOULEVARD
PI STA = 11+30.14'IB'
Y = 535608.74
X = 731122.00
DELTA = 51°00'06"
D = 36°32'44"
T = 74.78
L = 139.56
R = 156.78
PC STA = 10+55.36'IB'
Y = 535641.46
X = 731054.76
PT STA = 11+94.92'IB'
Y = 535535.89
X = 731138.89
10'T1'
15'SU'
ATV/SNOWMOBILE TRAIL
SHARED-USE PATH
20'T1'
20'SU'
25'
6342.
Y=536511.14
X=731441.11
Z = 1248.44
CP REBAR

PROJECT NO: 1560-31-71	HWY: USH 63	COUNTY: WASHBURN	ALIGNMENT DETAILS	SHEET	E

FILE NAME : W:\NWBE_PROJECTS\DESIGN\1101_SHELL_LAKE_SS\C3D_12\027101_AD.DWG PLOT DATE : 9/18/2014 2:21 PM PLOT BY : GARY COLBERT PLOT NAME : PLOT SCALE : 1 IN:200 FT

'DP' ALIGNMENT - USH 63 STROM SEWER OUTFALL	
NUMBER	BEARING
L29	N88° 40' 31"E
L30	S56° 45' 03"E
L31	S53° 51' 11"E

PI STA = 858+90.54
Y = 538233.95
X = 732069.72
DELTA = 12°50'30"
D = 3°00'00"
T = 214.93
L = 428.05
R = 1909.86
PC STA = 856+75.61
Y = 538032.42
X = 731995.03
PT STA = 861+03.67
Y = 538413.85
X = 732187.33

STA = 7+80.08'1A'
Y = 537006.73
X = 731385.32

STA = 9+17.94'1S'
Y = 537532.03
X = 731723.25

USH 63 STA 855+46.68 =
STA = 10+00.00'1S'
Y = 537516.46
X = 731803.83

USH 63 STA 845+80.50 =
STA = 10+00.00'1A'
Y = 537009.19
X = 731605.23

USH 63 STA 845+77.14 =
STA = 10+00.00'WL'
Y = 537006.12
X = 731603.88

PC: 11+12.17'WL'

PI STA = 11+94.07'WL'
Y = 536928.66
X = 731781.82
DELTA = 47°12'41"
D = 30°34'10"
T = 81.91
L = 154.44
R = 187.43
PC STA = 11+12.17'WL'
Y = 536961.35
X = 731706.72
PT STA = 12+66.60'WL'
Y = 536851.34
X = 731808.84

EP: 12+66.60'WL'

PC: 845+43.66

PT: 849+18.14

PI STA = 847+30.97
Y = 537146.52
X = 731666.73
DELTA = 3°44'41"
D = 1°00'00"
T = 187.30
L = 374.47
R = 5729.58
PC STA = 845+43.66
Y = 536975.51
X = 731590.31
PT STA = 849+18.14
Y = 537322.15
X = 731731.82
SE = NC

STA = 9+03.10'P5'
Y = 537945.19
X = 731859.37

STA = 10+00.00'P5'
Y = 537911.52
X = 731950.23

STA = 10+00.00'P1'
Y = 537729.90
X = 731882.92

STA = 10+82.81'P1'
Y = 537701.12
X = 731960.57

PC: 856+75.61

STA = 8+07.93'4A'
Y = 538091.19
X = 731825.50

USH 63 STA 857+37.74 =
STA = 10+00.00'4A'
Y = 538090.31
X = 732017.57

USH STA 857+16.10 =
STA = 10+00.00'P2'
Y = 538070.23
X = 732009.50

STA = 10+89.39'P2'
Y = 538037.40
X = 732092.65

PT: 861+03.67

STA = 6+00.00'5A'
Y = 538446.52
X = 731807.71

6343.
Y=538406.34
X=732140.78
Z = 1239.83
CP PK

USH 63 STA 861.40.91 =
STA = 10+00.00'5A'
Y = 538445.02
X = 732207.71

STA = 6+50.00'6A'
Y = 538809.72
X = 732097.33

PI STA = 10+62.20'P4'
Y = 538314.32
X = 732198.55
DELTA = 85°27'04"
D = 260°26'07"
T = 20.32
L = 32.81
R = 22.00
PC STA = 10+41.88'P4'
Y = 538324.72
X = 732181.10
PT STA = 10+74.69'P4'
Y = 538296.09
X = 732189.

PI STA = 10+67.85'P3'
Y = 538205.96
X = 732145.16
DELTA = 90°48'02"
D = 241°14'43"
T = 24.08
L = 37.64
R = 23.75
PC STA = 10+43.76'P3'
Y = 538216.91
X = 732123.70
PT STA = [illegible]'P3'
Y = 538[illegible]
X = 732[illegible]

6354.
Y=538765.04
X=732482.29
Z = 1238.50
CP

PC: 864+78.71

PT: 868+74.87

STA = 25+44.74'BD'
Y = 538847.31
X = 732144.17

STA = 30+00.00'BD'
Y = 539244.23
X = 732367.13

CTH B STORM SEWER OUTFALL

USH 63 STA 865+77.42 =
STA = 10+00.00'6A'
Y = 538810.36
X = 732447.33

USH 63 STA 865+77.42 =
STA = 10+00.00'P6'
Y = 538810.36
X = 732447.33

STA = 11+55.97'P6'
Y = 538727.32
X = 732579.45

PI STA = 866+76.83
Y = 538893.59
X = 732500.97
DELTA = 2°58'17"
D = 0°45'00"
T = 198.13
L = 396.17
R = 7639.44
PC STA = 864+78.71
Y = 538727.75
X = 732392.55
PT STA = 868+74.87
Y = [illegible]053.58
X = 73[illegible]17.84
SE = NC

STA = 0+62.66'DP'
Y = 539230.64
X = 732378.69

PI: 2+54.85

STA = 4+00.00'DP'
Y = 539153.65
X = 732690.94

PI: 3+55.32

USH 63 STA 874+37.95 =
STA = 10+00.00'PC'
Y = 539508.27
X = 732949.98

STA = 11+28.42'PC'
Y = 539432.52
X = 733053.68

STA = 11+93.70'PG'
Y = 539012.89
X = 732827.99

GORE TRANSITION TABLE		
STATION	DESCRIPTION	GORE RIGHT
867+50	BEGIN TRANSITION	-2.00%
869+09.5	FULL TRANSITION	-5.00%
870+00	END TRANSITION	-2.00%

'P3'					
NUMBER	START STATION	LENGTH	BEARING	START Y	START X
[illegible]	10+[illegible]	43.7[illegible]	[illegible]59"E	538236.80	[illegible]3208[illegible]
L25	10+[illegible].40'P3'	51.0[illegible]	N26° 13' 59"E	538227.57	[illegible]3215[illegible]

'P4'					
NUMBER	START STATION	LENGTH	BEARING	START Y	START X
L27	10+00.00'P4'	41.88	S59° 13' 04"E	Y = 538346.15	X = 732145.12
L26	10+74.69'P4'	25.31	S26° 13' 59"W	Y = 538296.09	X = 732189.57

PRELIMINARY

PI STA = 889+66.01
Y = 540750.04
X = 733840.35
DELTA = 22°55'27"
D = 1°59'22"
T = 583.94
L = 1152.25
R = 2879.90
PC STA = 883+82.08
Y = 540271.97
X = 733505.04
PT STA = 895+34.33
Y = 541320.96
X = 733962.97

USH 63 STA 881+86.46 =
STA = 10+00.00'B'
Y = 540112.70
X = 733391.49

6344.
Y=540049.84
X=733433.51
Z = 1237.17
CP REBAR

STA = 8+31.93'C2'
Y = 539919.95
X = 733289.71

STA = 9+00.00'C3'
Y = 540376.16
X = 733457.20

STA = 10+00.00'C3'
Y = 540306.28
X = 733528.73

STA = 10+00.00'C2'
Y = 539820.78
X = 733425.41

PC: 11+48.78'B'

EP: 12+31.24'B'

PI STA = 11+90.50'B'
Y = 540064.65
X = 733575.83
DELTA = 21°30'10"
D = 26°04'32"
T = 41.72
L = 82.46
R = 219.73
PC STA = 11+48.78'B'
Y = 540075.17
X = 733535.46
PT STA = 12+31.24'B'
Y = 540069.66
X = 733617.25

PI STA = 11+47.00'LA'
Y = 541410.42
X = 734125.63
DELTA = 5°52'06"
D = 5°43'46"
T = 51.26
L = 102.42
R = 1000.00
PC STA = 10+95.74'LA'
Y = 541435.70
X = 734081.04
PT STA = 11+98.16'LA'
Y = 541380.71
X = 734167.39

USH 63 STA 897+00.00 =
STA = 10+00.00'LA'
Y = 541482.93
X = 733997.76

STA = 901+46.48
Y = 541919.46
X = 734091.51

BP: 10+00.00'LA'

PC: 10+95.74'LA'

PT: 11+98.16'LA'

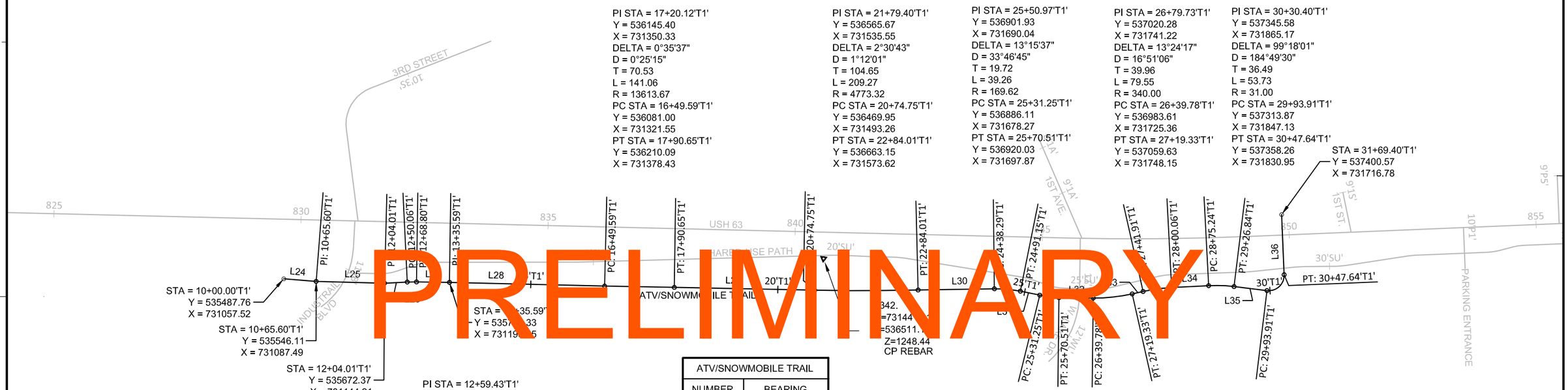
MAINLINE SUPERELEVATIONS			
STATION	DESCRIPTION	LEFT	RIGHT
855+50.00	END NORMAL CROWN	-2.00%	-2.00%
856+40.91	LEVEL CROWN	0.00%	-2.00%
857+31.82	REVERSE CROWN	2.00%	-2.00%
857+50.00	BEGIN FULL SUPER	2.40%	-2.40%
860+90.00	END FULL SUPER	2.40%	-2.40%
861+04.54	REVERSE CROWN	2.00%	-2.00%
861+77.27	LEVEL CROWN	0.00%	-2.00%
862+50.00	BEGIN NORMAL CROWN	-2.00%	-2.00%
860+90.00	RT 3' SHLD	-	-4.00%

MAINLINE SUPERELEVATIONS			
STATION	DESCRIPTION	LEFT	RIGHT
883+04.54	END NORMAL CROWN	-2.00%	-2.00%
883.46.08	LEVEL CROWN	-2.00%	0.00%
883+87.61	REVERSE CROWN	-2.00%	2.00%
884+00.08	BEGIN FULL SUPER	-2.60%	2.60%

PROJECT NO: 1560-31-71	HWY: USH 63	COUNTY: WASHBURN	ALIGNMENT DETAILS	SHEET E

2

PRELIMINARY



PI STA = 17+20.12'T1'
Y = 536145.40
X = 731350.33
DELTA = 0°35'37"
D = 0°25'15"
T = 70.53
L = 141.06
R = 13613.67
PC STA = 16+49.59'T1'
Y = 536081.00
X = 731321.55
PT STA = 17+90.65'T1'
Y = 536210.09
X = 731378.43

PI STA = 21+79.40'T1'
Y = 536565.67
X = 731535.55
DELTA = 2°30'43"
D = 1°12'01"
T = 104.65
L = 209.27
R = 4773.32
PC STA = 20+74.75'T1'
Y = 536469.95
X = 731493.26
PT STA = 22+84.01'T1'
Y = 536663.15
X = 731573.62

PI STA = 25+50.97'T1'
Y = 536901.93
X = 731690.04
DELTA = 13°15'37"
D = 33°46'45"
T = 19.72
L = 39.26
R = 169.62
PC STA = 25+31.25'T1'
Y = 536886.11
X = 731678.27
PT STA = 25+70.51'T1'
Y = 536920.03
X = 731697.87

PI STA = 26+79.73'T1'
Y = 537020.28
X = 731741.22
DELTA = 13°24'17"
D = 16°51'06"
T = 39.96
L = 79.55
R = 340.00
PC STA = 26+39.78'T1'
Y = 536983.61
X = 731725.36
PT STA = 27+19.33'T1'
Y = 537059.63
X = 731748.15

PI STA = 30+30.40'T1'
Y = 537345.58
X = 731865.17
DELTA = 99°18'01"
D = 184°49'30"
T = 36.49
L = 53.73
R = 31.00
PC STA = 29+93.91'T1'
Y = 537313.87
X = 731847.13
PT STA = 30+47.64'T1'
Y = 537358.26
X = 731830.95

PI STA = 12+59.43'T1'
Y = 535724.47
X = 731163.08
DELTA = 3°34'45"
D = 19°05'55"
T = 9.37
L = 18.74
R = 300.00
PC STA = 12+50.06'T1'
Y = 535715.66
X = 731159.89
PT STA = 12+68.80'T1'
Y = 535733.07
X = 731166.82

ATV/SNOWMOBILE TRAIL	
NUMBER	BEARING
L24	N27° 11' 03"E
L25	N24° 11' 23"E
L26	N19° 55' 07"E
L27	N23° 29' 53"E
L28	N24° 04' 37"E
L29	N23° 50' 23"E
L30	N21° 46' 39"E
L31	N34° 11' 57"E
L32	N23° 23' 10"E
L33	N9° 58' 53"E
L34	N19° 46' 50"E
L35	N29° 38' 03"E
L36	N69° 39' 58"W

PI STA = 24+64.82'T1'
Y = 536831.00
X = 731640.83
DELTA = 12°06'46"
D = 22°55'06"
T = 26.52
L = 52.85
R = 250.00
PC STA = 24+38.29'T1'
Y = 536806.42
X = 731630.86
PT STA = 24+91.15'T1'
Y = 536852.94
X = 731655.73

PI STA = 27+71.05'T1'
Y = 537110.57
X = 731757.11
DELTA = 9°47'57"
D = 16°51'06"
T = 29.15
L = 58.15
R = 340.00
PC STA = 27+41.91'T1'
Y = 537081.87
X = 731752.06
PT STA = 28+00.06'T1'
Y = 537138.00
X = 731766.98

PI STA = 29+01.10'T1'
Y = 537233.09
X = 731801.17
DELTA = 9°51'13"
D = 19°05'55"
T = 25.86
L = 51.59
R = 300.00
PC STA = 28+75.24'T1'
Y = 537208.75
X = 731792.42
PT STA = 29+26.84'T1'
Y = 537255.56
X = 731813.96

PROJECT NO: 1560-31-71	HWY: USH 63	COUNTY: WASHBURN	ALIGNMENT DETAILS	SHEET	E

2

PRELIMINARY

6343.
X=732140.78
Y=538406.34
Z=1239.83
CP PK

STA = 10+00.00'T2'
Y = 538632.13
X = 732296.02

PC: 10+98.64'T2'

PI STA = 11+24.08'T2'
Y = 538582.07
X = 732409.56
DELTA = 80°35'47"
D = 190°59'09"
T = 25.44
L = 42.20
R = 30.00
PC STA = 10+98.64'T2'
Y = 538592.33
X = 732386.28
PT STA = 11+40.84'T2'
Y = 538603.35
X = 732423.49

PT: 11+40.84'T2'

STA = 12+77.21'T2'
Y = 538717.47
X = 732498.15

PC: 12+77.21'T2'

PI STA = 14+27.55'T2'
Y = 538843.97
X = 732579.38
DELTA = 13°49'49"
D = 57°17'45"
T = 12.13
L = 24.14
R = 100.00
PC STA = 14+15.42'T2'
Y = 538833.77
X = 732572.82
PT STA = 14+39.56'T2'
Y = 538852.32
X = 732588.18

PC: 14+15.42'T2'

PT: 14+39.56'T2'

PI STA = 14+94.10'T2'
Y = 538889.84
X = 732627.77
DELTA = 11°29'00"
D = 57°17'45"
T = 10.05
L = 20.04
R = 100.00
PC STA = 14+84.05'T2'
Y = 538882.92
X = 732620.47
PT STA = 15+04.09'T2'
Y = 538898.07
X = 732633.54

PC: 14+84.05'T2'

PT: 15+04.09'T2'

STA = 17+11.55'T2'
Y = 539067.91
X = 732752.68

PI: 17+11.55'T2'

PI STA = 19+82.39'T2'
Y = 539286.
X = 732912.

PI: 19+82.39'T2'

PI STA = 20+05.80'T2'
Y = 539305.54
X = 732926.21
DELTA = 7°00'27"
D = 29°22'57"
T = 11.94
L = 23.85
R = 195.00
PC STA = 19+93.86'T2'
Y = 539295.90
X = 732919.17
PT STA = 20+17.71'T2'
Y = 539315.97
X = 732932.02

PC: 19+93.86'T2'

PT: 20

PI STA = 21+52.14'T2'
Y = 539433.40
X = 732997.46
DELTA = 8°47'35"
D = 27°56'57"
T = 15.76
L = 31.46
R = 205.00
PC STA = 21+36.38'T2'
Y = 539419.63
X = 732989.79
PT STA = 21+67.84'T2'
Y = 539445.83
X = 733007.15

PC: 21+36.38'T2'

PT: 21+67.84'T2'

PI STA = 25+79.82'T2'
Y = 539770.82
X = 733260.36
DELTA = 4°32'17"
D = 2°53'11"
T = 78.65
L = 157.22
R = 1985.00
PC STA = 25+01.17'T2'
Y = 539708.77
X = 733212.02
PT STA = 26+58.39'T2'
Y = 539828.84
X = 733313.46

PC: 25+01.17'T2'

PI STA = 26+87.82'T2'
Y = 539850.55
X = 733333.33
DELTA = 3°47'15"
D = 29°22'57"
T = 6.45
L = 12.89
R = 195.00
PC STA = 26+81.38'T2'
Y = 539845.80
X = 733328.97
PT STA = 26+94.27'T2'
Y = 539855.59
X = 733337.36

PC: 26+81.38'T2'

PT: 26+94.27'T2'

PT: 26+58.39'T2'

STA = 27+30.47'T2'
Y = 539883.86
X = 733359.98

STA = 27+64.66'T2'
Y = 539910.55
X = 733381.35

6344.
X=733433.51
Y=540049.84
Z=1237.17
CP REBAR

ATV/SNOWMOBILE TRAIL	
NUMBER	BEARING
L37	S66° 12' 22"E
L38	N33° 11' 52"E
L39	N32° 42' 08"E
L40	N46° 31' 57"E
L41	N35° 02' 58"E
L42	N36° 08' 17"E
L43	N36° 08' 17"E
L44	N29° 07' 50"E
L45	N37° 55' 26"E
L46	N42° 27' 43"E
L47	N38° 40' 27"E
L48	N38° 40' 27"E

PARKING ENTRANCE

PARKING ENTRANCE

PLAYGROUND DRIVE

PARKING ENTRANCE

PARSON COURT

COMMERCIAL ENTRANCE

USH 63

CTH B

5TH AVENUE

6TH AVENUE (CTH B)

4TH AVENUE

PROJECT NO: 1560-31-71 | HWY: USH 63 | COUNTY: WASHBURN | ALIGNMENT DETAILS | SHEET E

FILE NAME : W:\NWBE_PROJECTS\DESIGN\1101_SHELL_LAKE_SS\C3D_12\027102_AD.DWG PLOT DATE : 9/18/2014 2:25 PM PLOT BY : GARY COLBERT PLOT NAME : PLOT SCALE : 1 IN:200 FT

2

PRELIMINARY

PI STA = 11+53.68'SU'
Y = 535758.71
X = 731134.55
DELTA = 19°20'06"
D = 57°17'45"
T = 17.03
L = 33.75
R = 100.00
PC STA = 11+36.65'SU'
Y = 535741.71
X = 731133.56
PT STA = 11+70.40'SU'
Y = 535774.44
X = 731141.11

PI STA = 19+92.38'SU'
Y = 536538.16
X = 731444.87
DELTA = 4°04'51"
D = 25°27'53"
T = 8.02
L = 16.03
R = 225.00
PC STA = 19+84.37'SU'
Y = 536530.69
X = 731441.98
PT STA = 20+00.39'SU'
Y = 536545.42
X = 731448.29

PI STA = 21+20.78'SU'
Y = 536654.83
X = 731498.49
DELTA = 7°47'14"
D = 45°50'12"
T = 8.51
L = 16.99
R = 125.00
PC STA = 21+12.27'SU'
Y = 536647.07
X = 731495.02
PT STA = 21+29.26'SU'
Y = 536662.06
X = 731502.98

PI STA = 23+77.90'SU'
Y = 536873.22
X = 731634.24
DELTA = 9°29'39"
D = 45°50'12"
T = 10.38
L = 20.71
R = 125.00
PC STA = 23+67.52'SU'
Y = 536864.40
X = 731628.76
PT STA = 23+88.23'SU'
Y = 536881.01
X = 731641.10

PI STA = 26+66.74'SU'
Y = 537135.93
X = 731738.11
DELTA = 11°14'20"
D = 45°50'12"
T = 12.30
L = 24.52
R = 125.00
PC STA = 26+54.44'SU'
Y = 537123.80
X = 731736.10
PT STA = 26+78.96'SU'
Y = 537147.44
X = 731742.46

PI STA = 29+38.93'SU'
Y = 537392.84
X = 731827.83
DELTA = 5°10'31"
D = 28°38'52"
T = 9.04
L = 18.06
R = 200.00
PC STA = 29+29.89'SU'
Y = 537384.19
X = 731825.22
PT STA = 29+47.95'SU'
Y = 537401.23
X = 731831.20

PI STA = 31+68.16'SU'
Y = 537611.65
X = 731894.56
DELTA = 6°21'13"
D = 45°50'12"
T = 6.94
L = 13.86
R = 125.00
PC STA = 31+61.23'SU'
Y = 537604.92
X = 731892.88
PT STA = 31+75.09'SU'
Y = 537618.16
X = 731896.97

PI STA = 33+84.95'SU'
Y = 537817.72
X = 731959.19
DELTA = 12°37'26"
D = 57°17'45"
T = 11.06
L = 22.03
R = 100.00
PC STA = 33+73.89'SU'
Y = 537806.76
X = 731957.71
PT STA = 33+95.93'SU'
Y = 537828.09
X = 731963.04

PI STA = 35+11.90'SU'
Y = 537936.83
X = 732003.34
DELTA = 13°23'42"
D = 57°17'45"
T = 11.74
L = 23.38
R = 100.00
PC STA = 35+00.15'SU'
Y = 537925.82
X = 731999.26
PT STA = 35+23.53'SU'
Y = 537946.60
X = 732009.86

6342.
Z=1248.44
X=731441.11
Y=536511.14
CP REBAR

STA = 10+00.00'SU'
Y = 535612.05
X = 731096.31

STA = 14+67.42'SU'
Y = 536
X = 731255.51

STA = 20+60.04'SU'
Y = 536599.3
X = 731473.71

PI STA = 10+83.40'SU'
Y = 535688.14
X = 731130.45
DELTA = 20°50'44"
D = 57°17'45"
T = 18.39
L = 36.38
R = 100.00
PC STA = 10+65.00'SU'
Y = 535671.36
X = 731122.92
PT STA = 11+01.38'SU'
Y = 535706.50
X = 731131.52

SHARED-USE PATH		SHARED-USE PATH	
NUMBER	BEARING	NUMBER	BEARING
L49	N24° 09' 55"E	L59	N20° 41' 12"E
L50	N3° 19' 11"E	L60	N16° 45' 18"E
L51	N22° 39' 15"E	L61	N21° 55' 48"E
L52	N21° 08' 37"E	L62	N13° 58' 50"E
L53	N25° 13' 28"E	L63	N20° 20' 02"E
L54	N24° 04' 44"E	L64	N7° 42' 36"E
L55	N31° 51' 57"E	L65	N20° 20' 02"E
L56	N41° 21' 36"E	L66	N33° 43' 44"E
L57	N23° 31' 11"E	L67	N22° 59' 33"E
L58	N9° 26' 52"E		

PI STA = 24+44.76'SU'
Y = 536923.44
X = 731678.46
DELTA = 17°50'25"
D = 57°17'45"
T = 15.70
L = 31.14
R = 100.00
PC STA = 24+29.06'SU'
Y = 536911.66
X = 731668.08
PT STA = 24+60.20'SU'
Y = 536937.83
X = 731684.72

PI STA = 25+43.09'SU'
Y = 537013.83
X = 731717.80
DELTA = 14°04'19"
D = 57°17'45"
T = 12.34
L = 24.56
R = 100.00
PC STA = 25+30.74'SU'
Y = 537002.51
X = 731712.87
PT STA = 25+55.30'SU'
Y = 537026.01
X = 731719.82

PI STA = 28+39.40'SU'
Y = 537297.53
X = 731799.13
DELTA = 3°55'55"
D = 19°05'55"
T = 10.30
L = 20.59
R = 300.00
PC STA = 28+29.10'SU'
Y = 537287.90
X = 731795.50
PT STA = 28+49.69'SU'
Y = 537307.39
X = 731802.10

PI STA = 30+24.90'SU'
Y = 537472.61
X = 731859.94
DELTA = 7°56'59"
D = 45°50'12"
T = 8.69
L = 17.34
R = 125.00
PC STA = 30+16.22'SU'
Y = 537464.55
X = 731856.70
PT STA = 30+33.56'SU'
Y = 537481.04
X = 731862.04

PI STA = 33+34.72'SU'
Y = 537767.84
X = 731952.44
DELTA = 12°37'26"
D = 53°32'51"
T = 11.84
L = 23.58
R = 107.00
PC STA = 33+22.88'SU'
Y = 537756.74
X = 731948.33
PT STA = 33+46.46'SU'
Y = 537779.57
X = 731954.03

PI STA = 35+65.23'SU'
Y = 537981.28
X = 732033.01
DELTA = 10°44'11"
D = 53°32'51"
T = 10.05
L = 20.05
R = 107.00
PC STA = 35+55.17'SU'
Y = 537972.92
X = 732027.43
PT STA = 35+75.22'SU'
Y = 537990.53
X = 732036.94

PROJECT NO: 1560-31-71	HWY: USH 63	COUNTY: WASHBURN	ALIGNMENT DETAILS	SHEET	E

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PI STA = 38+79.64'SU'
Y = 538229.21
X = 732207.65
DELTA = 15°25'52"
D = 54°34'03"
T = 14.23
L = 28.28
R = 105.00
PC STA = 38+65.41'SU'
Y = 538218.52
X = 732198.27
PT STA = 38+93.69'SU'
Y = 538242.02
X = 732213.85

PI STA = 39+90.03'SU'
Y = 538328.72
X = 732255.83
DELTA = 11°25'40"
D = 57°17'45"
T = 10.01
L = 19.95
R = 100.00
PC STA = 39+80.02'SU'
Y = 538319.72
X = 732251.47
PT STA = 39+99.97'SU'
Y = 538336.69
X = 732261.89

PI STA = 46+31.43'SU'
Y = 538851.11
X = 732626.74
DELTA = 2°27'17"
D = 19°05'55"
T = 6.43
L = 12.85
R = 300.00
PC STA = 46+25.00'SU'
Y = 538845.70
X = 732623.27
PT STA = 46+37.86'SU'
Y = 538856.36
X = 732630.44

PI STA = 53+22.48'SU'
Y = 539425.09
X = 733010.00
DELTA = 8°47'35"
D = 30°09'20"
T = 14.61
L = 29.16
R = 190.00
PC STA = 53+07.88'SU'
Y = 539412.33
X = 733002.89
PT STA = 53+37.03'SU'
Y = 539436.61
X = 733018.98

PI STA = 57+88.05'SU'
Y = 539792.39
X = 733296.18
DELTA = 7°53'30"
D = 2°54'30"
T = 135.89
L = 271.34
R = 1970.00
PC STA = 56+52.16'SU'
Y = 539685.19
X = 733212.66
PT STA = 59+23.50'SU'
Y = 539887.10
X = 733393.62

6343.
Z=1239.83
X=732140.78
Y=538406.34
CP PK

6344.
Z=1237.17
X=733433.51
Y=540049.84
CP REBAR

STA = 40+97.82'SU'
Y = 538414.57
X = 732321.13

STA = 49+29.58'SU'
Y = 539094.87
X = 732798.42

STA = 61+61.20'SU'
Y = 540064.35
X = 733551.00

PRELIMINARY

PI STA = 37+70.79'SU'
Y = 538170.56
X = 732113.33
DELTA = 43°49'21"
D = 57°17'45"
T = 40.22
L = 76.48
R = 100.00
PC STA = 37+30.57'SU'
Y = 538133.54
X = 732097.62
PT STA = 38+07.05'SU'
Y = 538186.40
X = 732150.30

PI STA = 38+41.53'SU'
Y = 538199.97
X = 732181.99
DELTA = 25°33'00"
D = 54°34'03"
T = 23.81
L = 46.82
R = 105.00
PC STA = 38+17.72'SU'
Y = 538190.60
X = 732160.11
PT STA = 38+64.55'SU'
Y = 538217.87
X = 732197.70

PI STA = 42+64.07'SU'
Y = 538542.83
X = 732426.91
DELTA = 6°18'47"
D = 28°38'52"
T = 11.03
L = 22.04
R = 200.00
PC STA = 42+53.04'SU'
Y = 538534.32
X = 732419.89
PT STA = 42+75.08'SU'
Y = 538552.06
X = 732432.95

PI STA = 51+30.59'SU'
Y = 539257.20
X = 732916.96
DELTA = 8°45'57"
D = 29°22'57"
T = 14.95
L = 29.83
R = 195.00
PC STA = 51+15.64'SU'
Y = 539245.13
X = 732908.15
PT STA = 51+45.47'SU'
Y = 539270.47
X = 732923.83

PI STA = 60+43.22'SU'
Y = 539969.94
X = 733480.03
DELTA = 11°15'15"
D = 28°38'52"
T = 19.71
L = 39.28
R = 200.00
PC STA = 60+23.52'SU'
Y = 539956.80
X = 733465.34
PT STA = 60+62.80'SU'
Y = 539985.69
X = 733491.87

SHARED-USE PATH	
NUMBER	BEARING
L68	N66° 48' 55"E
L69	N41° 15' 54"E
L70	N25° 50' 03"E
L71	N37° 15' 43"E
L72	N39° 30' 39"E
L73	N33° 11' 52"E
L74	N32° 42' 10"E
L75	N35° 09' 27"E
L76	N36° 08' 17"E
L77	N29° 07' 50"E
L78	N37° 55' 26"E
L79	N45° 48' 56"E
L80	N36° 56' 00"E

PROJECT NO: 1560-31-71	HWY: USH 63	COUNTY: WASHBURN	ALIGNMENT DETAILS	SHEET	E

PRELIMINARY

CLEARING AND GRUBBING ITEMS

STATION	-	STATION	LOCATION		201.0105 CLEARING STA	201.0120 CLEARING ID	201.0205 GRUBBING STA	COMMENTS
CAT. 0010								
STAGE 1A								
635+75	-	-	USH 63	46 RT	1	-	-	BOX ELDER
636+82	-	-	USH 63	44.5 RT	-	38	-	BOX ELDER
637+10	-	-	USH 63	49.5 RT	1	-	-	BOX ELDER
663+00	-	664+00	USH 63	LT	1	-	1	
776+97	-	782+00	USH 63	LT	7	-	7	
784+85	-	788+25	USH 63	LT	4	-	4	
789+25	-	792+25	USH 63	LT	3	-	3	
794+10	-	796+00	USH 63	RT	2	-	2	
515+16	-	816+39	USH 63	LT	2	-	2	
5+00	-	9+00	'HT'	LT	4	-	4	
10+30	-	11+65	'C1'	LT	2	-	2	
			STAGE 1A TOTALS		27	38	25	
STAGE 2								
844+54	-	845+09	USH 63	RT	1	-	1	
867+73	-	868+31	USH 63	RT	1	-	1	
			STAGE 2 SUBTOTALS		2	0	2	
STAGE 3								
2+04	-	3+62	'DP'	RT & LT	2	-	2	PIPE OUTFALL
28+40	-	29+00	'BD'	LT & RT	2	-	2	PIPE OUTFALL
			STAGE 3 SUBTOTALS		4	0	4	
			CAT. 0010 TOTAL		33	38	31	
CAT. 0020								
STAGE 2								
57+05	-	59+05	'SU'	RT	2	-	2	
59+40	-	60+20	'SU'	RT & LT	1	-	1	
			STAGE 2 SUBTOTALS		3	-	[illegible]	
			CAT. 0020 TOTAL		3	-	3	
			PROJECT TOTALS		36	38	34	

REMOVING SMALL PIPE CULVERTS

STATION	LOCATION		203.0100 REMOVING SMALL PIPE CULVERTS EACH
CAT. 0010			
STAGE 1A			
9+40.7	'WN'	-	1
656+59.0	USH 63	RT	1
9+55.6	'HT'	-	1
10+53.8	'D'	-	1
795+55.0	USH 63	RT	1
813+38.0	USH 63	LT	1
818+90.0	USH 63	LT	2
	STAGE 1A TOTAL		8
STAGE 1B			
884+35.0	USH 63	LT	1
	STAGE 1B TOTAL		1
	PROJECT TOTAL		9

REMOVING OLD STRUCTURE

STATION	LOCATION	203.0200.01 REMOVING OLD STRUCTURE LS	COMMENTS
CAT. 0010			
STAGE 1A			
709+08	USH 63	1	BOX CULVERT
PROJECT TOTAL		1	

REMOVING PAVEMENT

STATION	-	STATION	WIDTH	LOCATION	204.0100 REMOVING PAVEMENT SY
CAT. 0010					
708+95	-	709+20	20	USH 63	56
833+00	-	855+60	20	USH 63	5022
864+25	-	883+54	20	USH 63	4286
				PROJECT TOTAL	9364

REMOVING CURB AND GUTTER

STATION	-	STATION	LOCATION		204.0150 REMOVING CURB AND GUTTER LF
CAT. 0010					
STAGE 1A					
10+10	-	10+66	'D'	RT	73
10+54	-	10+81	'D'	LT	56
			STAGE 1A TOTAL		129
STAGE 1B					
9+11	-	9+95	'1A'	LT	90
846+08	-	850+77	USH 63	LT	469
9+49	-	9+75	'1S'	RT	44
9+56	-	9+86	'1S'	LT	42
849+30		849+39	USH 63	LT	12
849+78		849+94	USH 63	LT	16
851+61	-	856+82	USH 63	LT	521
9+31	-	9+66	'4A	RT	51
9+30	-	9+93	'4A	LT	70
857+68	-	860+67	USH 63	LT	303
9+30	-	9+44	'5A'	RT	34
9+58	-	10+00	'5A'	LT	47
861+72	-	865+01	USH 63	LT	325
8+64	-	9+01	'6A'	RT	38
9+21	-	9+39	'6A'	RT	48
9+73	-	10+00	'6A'	LT	36
866+13	-	868+54	USH 63	LT	242
			STAGE 1B TOTAL		2388
STAGE 2					
10+56	-	10+83	'ID'	LT	28
10+24	-	10+76	'WL	LT	85
10+24	-	10+60	'P1'	LT	41
10+24	-	10+60	'P1'	RT	41
10+20	-	10+65	'P2'	LT	53
10+20	-	10+65	'P2'	RT	54
10+20	-	10+71	'P3'	LT	78
10+20	-	11+32	'P3'	RT	106
859+22	-	860+04	USH 63	RT	80
10+20	-	11+00	'P4'	LT	70
10+20	-	10+53	'P4'	RT	77
860+46	-	881+32	USH 63	RT	2086
10+00	-	10+68	'B'	LT	84
10+47	-	10+97	'B'	RT	86
			STAGE 2 TOTAL		2969
			CAT. 0010 TOTAL		5486
STAGE 3					
56+88	-	57+77	'S1'	LT-RT	29
			STAGE 3 TOTAL		29
			CAT. 0030 TOTAL		29
			PROJECT TOTAL		5515

REMOVING ASPHALTIC SURFACE

STATION	-	STATION	LOCATION		204.0110 REMOVING ASPHALTIC SURFACE SY	COMMENTS
CAT. 0010						
STAGE 3						
829+23.7	-	830+88.3	USH 63	LT	71	TEMP WIDENING
831+29.6	-	844+21.1	USH 63	LT	1898	TEMP WIDENING
845+92.6	-	850+93.5	USH 63	LT	372	TEMP WIDENING
10+31.3	-	11+39.5	'WL'	LT	200	TEMP WIDENING
851+41.2	-	855+27.1	USH 63	LT	295	TEMP WIDENING
855+66.8	-	856+91.9	USH 63	LT	51	TEMP WIDENING
857+51.9	-	860+77.9	USH 63	LT	210	TEMP WIDENING
861+66.4	-	864+30.3	USH63	LT	80	TEMP WIDENING
869+00.0	-	886+60.0	USH 63	LT	2232	TEMP WIDENING
862+81.0	-	863+45.0	USH 63	LT	345	FITNESS CENTER
			STAGE 3 TOTAL		5754	
STAGE 4						
856+26.8	-	856+92.9	USH 63	-	53	ISLAND
860+15.9	-	860+77.6	USH 63	-	49	ISLAND
861+56.6	-	862+55.5	USH 63	-	163	ISLAND
864+49.1	-	865+15.4	USH 63	-	57	ISLAND
868+32.0	-	877+28.0	USH 63	RT	1265	TEMP WIDENING
			STAGE 4 TOTAL		1587	
			PROJECT TOTAL		7341	

REMOVING ASPHALTIC SURFACE BUTT JOINTS

STATION	-	STATION	LOCATION	204.0115 REMOVING ASPHALTIC SURFACE BUTT JOINTS SY
CAT. 0010				
STAGE 1A				
625+00	-	625+50	USH 63	133
8+78	-	8+98	'WS'	52
10+48	-	10+68	'WS'	56
9+35	-	9+50	'WN'	35
10+55	-	10+75	'WN'	54
10+75	-	10+95	'LL'	49
9+06	-	9+26	'HL'	49
10+37	-	10+57	'OC'	54
4+97	-	5+17	'HT'	49
11+35	-	11+55	'D'	57
10+56	-	10+76	'ID'	77
823+55	-	824+60	CE	96
827+59	-	828+34	CE	37
10+58	-	10+78	'IB'	53
12+87	-	13+07	'3S'	49
		PROJECT TOTAL		900

REMOVING ASPHALTIC SURFACE MILLING

STATION	-	STATION	LOCATION	204.0120 REMOVING ASPHALTIC SURFACE MILLINIG SY
CAT. 0010				
STAGE 1A				
625+00	-	786+40	USH 63	53800
786+40	-	787+45	USH 63	548
787+45	-	789+55	USH 63	1213
789+55	-	790+50	USH 63	338
790+50	-	791+05	USH 63	183
791+05	-	806+10	USH 63	5017
806+10	-	807+60	USH 63	600
807+60	-	811+55	USH 63	2107
811+55	-	833+00	USH 63	7150
8+98	-	9+83	'WS'	423
10+28	-	10+69	'WS'	149
9+50	-	9+83	'WN'	113
10+16	-	10+55	'WN'	156
10+12	-	10+75	'LL'	299
9+26	-	9+83	'HL'	442
10+12	-	10+37	'OC'	170
5+17	-	9+74	'HT'	1214
10+12	-	10+56	'ID'	248
823+55	-	824+60	CE	223
827+59	-	828+34	CE	119
10+12	-	10+58	'IB'	221
13+07	-	13+60	'3S'	216
		PROJECT TOTAL		74950

PROJECT NO: 1560-31-71	HWY: USH 63	COUNTY: WASHBURN	MISCELLANEOUS QUANTITIES	SHEET / E

FILE NAME : W:\NWBE_PROJECTS\DESIGN\1101_SHELL_LAKE_SS\C3D_12\030201_MQ.DWG PLOT DATE : 7/21/2014 4:42 PM PLOT BY : USER PLOT NAME : ----------

PRELIMINARY

REMOVING CONCRETE SIDEWALK

STATION	-	STATION	LOCATION		204.0155 REMOVING CONCRETE SIDEWALK SY
CAT. 0010					
STAGE 1B					
9+58.3	-	9+93.0	'5A'	LT	28
861+61.7		864+88.2	USH 63	LT	199
		STAGE 1B TOTAL			227
STAGE 2					
40+10.6	-	-	'SU'	5'RT - 34.5'RT	20
861+17.4	-	-	USH 63	22.8'RT - 56.7'RT	27
861+46.5	-	862+14.6	USH 63	56'RT - 59'RT	46
861+99.0	-	-	USH 63	22.3'RT - 56.7'RT	37
863+39.0	-	863+52.0	USH 63	93'RT - 95'RT	8
		STAGE 2 TOTAL			138
STAGE 3					
9+30.5	-	9+59.0	'4A'	RT	20
9+30.5	-	9+54.5	'4A'	LT	15
9+30.4	-	9+44.1	'5A'	RT	15
		STAGE 3 TOTAL			50
		PROJECT TOTAL			415

REMOVING DELINEATORS AND MARKERS

STATION	LOCATION			204.0180 REMOVING DELINEATORS AND MARKERS EACH
CAT. 0010				
638+10.1	USH 63	RT	24.5	1
853+29.0	USH 63	LT	22.9	1
853+84.8	USH 63	RT	24.9	1
853+96.5	USH 63	LT	23.0	1
855+11.8	USH 63	LT	23.0	1
856+86.9	USH 63	RT	23.2	1
857+47.9	USH 63	RT	22.7	1
859+23.6	USH 63	RT	23.6	1
860+47.2	USH 63	RT	23.9	1
865+66.1	USH 63	RT	18.3	1
866+22.5	USH 63	RT	18.7	1
867+08.9	USH 63	RT	18.6	1
867+22.4	USH 63	LT	27.0	1
868+43.5	USH 63	LT	27.2	1
870+50.7	USH 63	RT	18.8	1
874+84.6	USH 63	LT	25.6	1
880+50.8	USH 63	RT	24.0	1
	PROJECT TOTAL			17

SELECT BORROW

STATION	-	STATION	LOCATION	208.1100 SELECT BORROW CY
CAT. 0010				
STAGE 1				
708+52	-	709+64	USH 63	216
779+98	-	801+67	USH 63	3800
		STAGE 1 TOTAL		4016
STAGE 2				
832+40	-	837+50	USH 63	886
837+50	-	843+00	USH 63	636
843+00	-	845+00	USH 63	308
845+00	-	864+71	USH 63	2328
864+71	-	882+64	USH 63	1643
882+64	-	883+63	USH 63	150
		STAGE 2 TOTAL		5951
STAGE 3				
832+40	-	837+50	USH 63	315
837+50	-	843+00	USH 63	754
843+00	-	845+00	USH 63	322
845+00	-	868+55	USH 63	2139
868+55	-	883+63	USH 63	1783
		STAGE 3 TOTAL		5313
		PROJECT TOTAL		15280

REMOVING MANHOLES AND INLETS

STATION	LOCATION			STRUCT. NO.	204.0210 REMOVING MANHOLES EACH	204.0200 REMOVING INLETS EACH
CAT. 0010						
STAGE 2						
849+19.0	USH 63	50	LT	EX249	1	-
849+19.0	USH 63	36	RT	EX255	-	1
852+05.0	USH 63	46	RT	EX248	1	-
856+61.0	USH 63	47	RT	EX257	1	-
856+65.0	USH 63	19	LT	EX226	1	-
857+38.0	USH 63	21	RT	EX224	-	1
857+40.0	USH 63	46	RT	EX223	1	-
860+76.0	USH 63	41	RT	EX222	1	-
864+31.0	USH 63	265	LT	EX209	-	1
864+43.0	USH 63	273	LT	EX213	1	-
865+10.0	USH 63	20	RT	EX219	-	1
866+52.0	USH 63	63	RT	EX208	1	-
866+99.0	USH 63	65	RT	EX207	1	-
868+41.0	USH 63	18	RT	EX203	-	1
869+99.0	USH 63	18	RT	EX201	-	1
870+00.0	USH 63	67	RT	EX206	1	-
870+53.0	USH 63	17	RT	EX202	-	1
		STAGE 2 TOTALS			10	7
STAGE 3						
846+55.0	USH 63	21	LT	EX252	-	1
852+04.0	USH 63	22	LT	EX247	-	1
853+20.0	USH 63	29	LT	EX239	1	-
8[illegible]+24.0	USH 63	22	LT	EX238	-	1
[illegible]3+27.0	USH 63	15	LT	EX237	1	-
856+70.0	USH 63	22	LT	EX227	-	1
856+90.0	USH 63	42	LT	EX228	1	-
856+99.0	USH 63	44	LT	EX229	-	1
857+37.0	USH 63	55	LT	EX230	-	1
857+69.0	USH 63	22	LT	EX225	-	1
865+05.0	USH 63	25	LT	EX220	-	1
868+41.0	USH 63	26	LT	EX204	-	1
		STAGE 3 TOTALS			3	9
		PROJECT TOTALS			13	16

REMOVING FENCE

STATION	-	STATION	LOCATION	204.0170 REMOVE FENCE LF
CAT. 0020				
STAGE 3				
38+07	-	39+00	PATH	95
		PROJECT TOTAL		95

REMOVING BUILDING

STATION	-	STATION	LOCATION		204.0195.01 REMOVING BUILDING (STA) 867+34 RT LS	204.0205.1 REMOVING BUILDING (PARCEL) 16 LS
CAT. 0010						
STAGE 2						
865+78	-	866+18	USH 63	RT	-	1
867+03	-	867+66	USH 63	RT	1	-
		PROJECT TOTAL			1	1

FINISHING ROADWAY (PROJECT) 1560-31-71

LOCATION	213.0100.01 FINISHING ROADWAY EACH
CAT. 0010	
USH 63	1
PROJECT TOTAL	1

REMOVING CONCRETE BASES AND UTILITY POLES

STATION	LOCATION				204.0195 REMOVING CONCRETE BASES EACH	204.0205 REMOVING UTILITY POLES EACH
CAT. 0010						
STAGE 1B						
07+12	'PD'	29.5'	RT		1	-
	STAGE 1B TOTALS				1	0
STAGE 2						
860+52	USH 63	28.5'	RT		1	1
863+03	USH 63	28.5'	RT		1	1
29+05	'BD'	0.0'	-		1	-
	STAGE 2 TOTALS				3	2
STAGE 3						
864+05	USH 63	26.0'	LT		1	1
	STAGE 3 TOTALS				1	1
	PROJECT TOTALS				5	3

SEALING CULVERT PIPES

STATION	LCCATION	204.0280 SEALING CULVERT PIPES EACH	COMMENTS
CAT. 0010			
STAGE 3			
856+90	USH 63 41' LT	1	12-INCH PIPE (EX 228)
PROJECT TOTAL		1	

BACKFILL GRANULAR

STATION	-	STATION	LOCATION	209.0100 BACKFILL GRANULAR (GRADE 2) CY	COMMENT
CAT. 0010					
STAGE 1A					
708+52	-	709+64	USH 63	986	CPRC STA. 709+08
		PROJECT TOTAL		986	

REMOVING STORM SEWER

STATION	LOCATION			STRUCT.	-	STRUCT.	204.0245.01 REMOVING STORM SEWER (8-INCH) LF	204.0245.02 REMOVING STORM SEWER (12-INCH) LF	204.0245.03 REMOVING STORM SEWER (15-INCH) LF	204.0245.04 REMOVING STORM SEWER (18-INCH) LF	204.0245.05 REMOVING STORM SEWER (24-INCH) LF	204.0245.06 REMOVING STORM SEWER (30-INCH) LF	204.0245.07 REMOVING STORM SEWER (36-INCH) LF
CAT. 0010													
STAGE 1A													
816+86	USH 63	40.8	LT	EX161	-	-	-	-	-	-	27	-	-
816+86	USH 63	40.8	LT		-	-	-	-	-	-	42	-	-
				STAGE 1A TOTALS			0	0	0	0	69	0	0
STAGE 2													
836+05	USH 63	-	RT	-	-	-	-	-	-	-	-	40	-
846+59	USH 63	39.0	RT	EX254	-	EX252	-	-	-	36	-	-	-
849+19	USH 63	50.0	LT	EX249	-	EX255	-	-	85	-	-	-	-
849+19	USH 63	36.0	RT	EX255	-	EX248	-	287	-	-	-	-	-
852+05	USH 63	46.0	RT	EX248	-	EX247	-	-	68	-	-	-	-
852+05	USH 63	46.0	RT	EX248	-	EX257	-	-	-	456	-	-	-
856+61	USH 63	47.0	RT	EX257	-	EX226	-	-	-	66	-	-	-
856+61	USH 63	47.0	RT	EX257	-	EX223	-	-	-	77	-	-	-
856+65	USH 63	19.0	LT	EX226	-	EX227	-	-	7	-	-	-	-
857+38	USH 63	21.0	RT	EX224	-	EX225	21	-	-	-	-	-	-
857+38	USH 63	21.0	RT	EX224	-	EX223	-	-	-	25	-	-	-
857+40	USH 63	46.0	RT	EX223	-	EX222	-	-	-	-	328	-	-
860+76	USH 63	41.0	RT	EX222	-	EX208	-	-	-	-	574	-	-
6+97	'6A'	23.0	LT	EX209	-	EX213	-	-	-	-	-	-	14
846+31	USH 63	265.0	LT	EX209	-	EX208	-	-	-	-	397	-	-
865+10	USH 63	20.0	RT	EX219	-		-	-	-	-	-	-	-
866+52	USH 63	63.0	RT	EX208	-	207	-	-	-	-	4	-	-
866+99	USH 63	65.0	RT	EX207	-	206	-	-	-	-	29	-	-
868+41	USH 63	18.0	RT	EX203	-	[illegible]	-	-	14	-	-	-	-
868+41	USH 63	18.0	RT	EX203	-	201	-	-	158	-	-	-	-
869+99	USH 63	18.0	RT	EX201	-	200	-	-	-	-	6	-	-
869+99	USH 63	18.0	RT	EX201	-	206	-	-	-	-	5	-	-
869+99	USH 63	18.0	RT	EX201	-	EX202	-	-	54	-	-	-	-
6+97	'6A'	38.0	LT	EX213	-	EX260	-	-	-	-	-	363	-
				STAGE 2 TOTALS			21	297	386	660	1754	403	14
STAGE 3													
836+05	USH 63	-	LT	-	-	-	-	-	-	-	-	22	-
845+12	USH 63	41.0	LT	EX253	-	EX252	-	-	-	144	-	-	-
846+55	USH 63	21.0	LT	EX252	-	EX254	-	-	-	24	-	-	-
852+04	USH 63	22.0	LT	EX247	-	EX237	-	-	123	-	-	-	-
853+20	USH 63	29.0	LT	EX239	-	EX238	-	-	8	-	-	-	-
853+24	USH 63	22.0	LT	EX238	-	EX237	-	-	8	-	-	-	-
853+27	USH 63	15.0	LT	EX237	-	EX226	-	-	-	-	332	-	-
856+65	USH 63	19.0	LT	EX226	-	EX225	-	100	-	-	-	-	-
856+70	USH 63	22.0	LT	EX227	-	EX228	-	-	28	-	-	-	-
856+90	USH 63	42.0	LT	EX228	-	EX229	-	-	10	-	-	-	-
856+99	USH 63	44.0	LT	EX229	-	EX230	-	-	40	-	-	-	-
857+69	USH 63	22.0	LT	EX225	-	EX224	32	-	-	-	-	-	-
865+05	USH 63	25.0	LT	EX220	-	EX219	-	34	-	-	-	-	-
865+05	USH 63	25.0	LT	EX220	-	EX52	-	46	-	-	-	-	-
868+41	USH 63	26.0	LT	EX204	-	EX203	-	-	30	-	-	-	-
				STAGE 2 TOTALS			32	180	247	168	332	22	0
				PROJECT TOTALS			53	477	633	828	2155	425	14

PREPARE FOUNDATION

STATION	- STATION	LOCATION	211.0400 PREPARE FOUNDATION FOR ASPHALTIC SHOULDERS STA
CAT. 0010			
STAGE 1A			
625+00	- 627+05	USH 63 LT	3
625+00	- 628+02	USH 63 RT	4
628+45	- 632+85	USH 63 LT	5
628+81	- 632+39	USH 63 RT	4
633+02	- 696+82	USH 63 RT	64
633+63	- 733+13	USH 63 LT	100
697+71	- 748+01	USH 63 RT	51
734+80	- 776+98	USH 63 LT	43
748+84	- 783+49	USH 63 RT	35
817+47	- 830+75	USH 63 RT	14
820+74	- 823+58	USH 63 LT	3
824+62	- 827+62	USH 63 LT	3
828+29	- 830+75	USH 63 LT	3
831+38	- 832+40	USH 63 LT	2
831+58	- 832+40	USH 63 RT	1
	PROJECT TOTAL		335

PRELIMINARY

Division	From/To Station	Location	205.0100 Common Excavation (1)		Salvaged / Unusable Pavement Material (4)	Available Material (5)	205. 0400 Marsh Excavation (6)	Reduced Marsh in Fill (8)	Reduced EBS in Fill (9)	Expanded Marsh Backfill (10)	Expanded EBS Backfill (11)	Unexpanded Fill	Expanded Fill (13)	Mass Ordinate +/- (14)	Comment:
			Cut (2)	EBS (3)				Factor 0.60	Factor 0.80	Factor 1.50	Factor 1.30		Factor 1.25		
CATEGORY0010															
STAGE 1A	624+78-626+00 LT & RT	USH 63	52	0	0	52	0	0	0	0	0	54	68	-16	SLOPE REPAIR CULV. PIPE
STAGE 1A	637+60-638+60	USH 63	4	0	0	4	0	0	0	0	0	112	140	-136	SLOPE REPAIR CATTLE PASS
STAGE 1A	655+88-659+20 RT	USH 63	16	0	0	16	0	0	0	0	0	7	9	7	BEAM GUARD WIDENING
STAGE 1A	661+594-665+51 RT	USH 63	15	0	0	15	0	0	0	0	0	6	8	8	BEAM GUARD WIDENING
STAGE 1A	733+25-735+00 RT	USH 63	183	0	0	183	0	0	0	0	0	33	41	142	DITCH GRADING
STAGE 1A	776+98-820+74	USH 63	18,914	200	0	18914	155	93	160	233	260	3151	3623	15292	
STAGE 1A	4+97-9+61	'HT'	3,982	0	0	3982	0	0	0	0	0	12	15	3967	'HT'
STAGE 1A	10+03-11+54	'D'	898	0	0	898	0	0	0	0	0	1	1	897	'D'
STAGE 1A	8+25-9+74	'SE'	289	0	0	289	0	0	0	0	0	20	25	264	'SE'
STAGE 1A	8+95-9+75	'PD'	156	0	0	156	0	0	0	0	0	133	166	-10	'PD'
STAGE 1A	10+17-11+84	'C1'	327	0	0	327	0	0	0	0	0	37	46	281	'C1'
STAGE 1A	6+61-8+44 RT	'PD'	79	0	0	79	0	0	0	0	0	0	0	79	CHURCH PARKING LOT
STAGE 1B	829+24-886+60 LT	USH 63 - TEMP WIDENING	1,480	0	0	1480	0	0	0	0	0	1782	2228	-748	
STAGE 1B	10+32-11+39 LT	'WL' - TEMP. WIDENING	84	0	0	84	0	0	0	0	0	0	0	84	'WL'
STAGE 1B	8+38-9+90	'C2'	107	0	0	107	0	0	0	0	0	52	65	42	'C2'
STAGE 1B	10+60-13+33	'3S' - DETOUR WIDENING	144	0	0	144	0	0	0	0	0	1	1	143	'3S'
STAGE 1B	10+19-10+56 RT	'ID' - DETOUR WIDENING	10	0	0	10	0	0	0	0	0	0	0	10	'ID'
STAGE 1B	10+36-10+90	'LA' - DETOUR WIDENING	6		0	6	0	0	0	0	0	21	26	-20	'LA'
STAGE 1 - CATEGORY0010 Subtotal			26746	200	0	26746	155	93	160	233	260	5422	6461	20285	
CATEGORY0010															
STAGE 2	832+40-886+60 RT	USH 63	18,080	200	0	18080	0	0	160	0	260	1409	1561	16519	
STAGE 2	10+38-11+28	'WL'	321	0	0	321	0	0	0	0	0	49	61	260	'WL'
STAGE 2	10+28-10+60	'P1	71	0	0	71	0	0	0	0	0	2	3	69	'P1
STAGE 2	10+32-10+65	'P2'	77	0	0	77	0	0	0	0	0	0	0	77	'P2'
STAGE 2	10+28-11+32	'P3	198	0	0	198	0	0	0	0	0	0	0	198	'P3'
STAGE 2	10+32-11+00	'P4'	138	0	0	138	0	0	0	0	0	0	0	138	'P4'
STAGE 2	10+36-11+19	'P6'		0	0	3	0	0	0	0	0	0	0	563	'P6'
STAGE 2	10+04-11+43	'B'	274	0	0	4	0	0	0	0	0	78	98	177	'B'
STAGE 2 - CATEGORY0010 Subtotal			722	200	0	19 2			0	60	0	260	538	1723	18000	
CATEGORY0020															
STAGE 2	10+11-61+60	'SU'	289	0	0	19	0	0	0	0	0	11	1498	-209	'SU'
STAGE 2	10+17-11+10	'T3'	8	0	0	8	0	0	0	0	0	1	141	-133	'T3'
STAGE 2	10+11-31+69	'T1'	785	0	0	5	0	0	0	0	0		34	751	'T1'
STAGE 2	14+30-27+65	'T2'	254	0	0	254	0	0	0	0	0	11	14	240	'T2'
STAGE 2 - CATEGORY0020 Subtotal			2336	0	0	2336	0	0	0	0	0	1349	1686	650	
STAGE 2 TOTAL			22058	200	0	22058	0	0	160	0	260	2887	3409	18649	
CATEGORY0010															
STAGE 3	832+40-886+603 LT	USH 63	14,052	200	0	14052	0	0	160	0	260	902	928	13125	
STAGE 3	9+12-9+81	'1A'	196	0	0	196	0	0	0	0	0	14	18	179	'1A'
STAGE 3	9+48-9+84	'1S'	78	0	0	78	0	0	0	0	0	0	0	78	'1S'
STAGE 3	9+60-9+84	'P5'	50	0	0	50	0	0	0	0	0	0	0	50	'P5'
STAGE 3	9+30-9+83	'4A'	151	0	0	151	0	0	0	0	0	0	0	151	'4A'
STAGE 3	9+30-9+97	'5A'	125	0	0	125	0	0	0	0	0	0	0	125	'5A'
STAGE 3	6+90-9+95	'6A'	573	0	0	573	0	0	0	0	0	0	0	573	'6A'
STAGE 3	28+27-29+15	'BD'	743	0	0	743	0	0	0	0	0	3	4	739	STORM SEWER OUTFALL
STAGE 3	6+93-7+35 RT	'6A'	20	0	0	20	0	0	0	0	0	0	0	20	FITNESS CENTER PARKING
STAGE 3 - CATEGORY0010 Subtotal			15988	200	0	15988	0	0	160	0	260	919	949	15039	
CATEGORY0010															
STAGE 4	868+32-877+28 RT	USH 63	440	0	0	440	0	0	0	0	0	191	239	201	
STAGE 4	10+24-11+39	'PG'	484	0	0	484	0	0	0	0	0	4	5	479	'PG'
STAGE 4	10+16-11+08	'PC'	176	0	0	176	0	0	0	0	0	5	6	170	'PC'
STAGE 4 - CATEGORY0010 Subtotal			1100	0	0	1100	0	0	0	0	0	200	250	850	
CATEGORY0010 TOTALS			63556	600	0	63556	155	93	480	233	780	8079	9383	54174	
CATEGORY0020 TOTALS			2336	0	0	2336	0	0	0	0	0	1349	1686	650	
PROJECT TOTALS			65892	600	0	65892	155	93	480	233	780	9428	11069	54823	

PRELIMINARY

1) Common Excavation is the sum of the Cut and EBS Excavation columns. Item number 205.0100
2) Salvaged/Unsuable Pavement Material is included in Cut.
3) EBS Excavation to be backfilled with Select Borrow material. Note: this is designers choice, can be backfilled with Borrow, or Cut as well.
4) Salvaged/Unusable Pavement Material
5) Available Material = Cut - Salvaged/Unusuable Pavement Material
6) Marsh Excavation - to be backfilled with Select Borrow Material. Note: this is designers choice, can be backfilled with Borrow, or Cut as well. Item number 205.0500
7) Rock Excavation item number 205.0200
8) Reduced Marsh in Fill - Excavated Marsh material is usuable in Fills outside the 1:1 slope. Marsh in Fill Reduction factor = 0.6
9) Reduced EBS in Fill - Excavated EBS material is usuable in Fills outside the 1:1 slope. EBS in Fill Reduction factor = 0.8
10) Expanded Marsh Backfill - This is to be filled with Select Borrow material. Marsh Backfill Factor = 1.5. Item number 208.1100
11) Expanded EBS Backfill - This is to be filled with Select Borrow material. EBS Backfill Factor = 1.3. Item number 208.1100
12) Expanded Rock - Factor = 1.1.
13) Expanded Fill. Factor = 1.25
Depending on selections:
Expanded Fill = (Unexpanded Fill - Rock* Rock Factor - Reduced Marsh - Reduced EBS) * Fill Factor
Or Expanded Fill = (Unexpanded Fill - Rock* Rock Factor - Reduced EBS) * Fill Factor
Or Expanded Fill = (Unexpanded Fill - Rock* Rock Factor - Reduced Marsh) * Fill Factor
Or Expanded Fill = (Unexpanded Fill - Rock* Rock Factor) * Fill Factor
14) The Mass Ordinate + or - Qty calculated for the Division. Plus quantity indicates an excess of material within the Division. Minus indicates a shortage of material within the Division.

BASE AGGREGATE DENSE 3/4-INCH

STATION	-	STATION	LOCATION		305.0110 BASE AGGREGATE DENSE 3/4-INCH TON	COMMENTS
CAT. 0010						
STAGE 1A						
625+00	-	626+95	USH 63 LT	SHOULDER	13	
625+00	-	628+00	USH 63 RT	SHOULDER	20	
628+49	-	632+83	USH 63 LT	SHOULDER	29	
628+86	-	632+37	USH 63 RT	SHOULDER	23	
633+07	-	696+75	USH 63 RT	SHOULDER	425	
633+65	-	708+85	USH 63 LT	SHOULDER	501	
697+76	-	708+85	USH 63 RT	SHOULDER	74	
708+52	-	709+64	USH 63 RT	SHOULDER	7	CP REPLACEMENT
709+25	-	733+10	USH 63 LT	SHOULDER	159	
734+90	-	776+98	USH 63 LT	SHOULDER	281	
709+25	-	747+98	USH 63 RT	SHOULDER	258	
748+91	-	783+49	USH 63 RT	SHOULDER	231	
776+98	-	787+16	USH 63 LT	SHOULDER	120	
783+49	-	788+49	USH 63 RT	SHOULDER	59	
789+49	-	792+99	USH 63 LT	SHOULDER	39	
790+11	-	816+64	USH 63 RT	SHOULDER	442	
792+99	-	808+00	USH 63 LT	SHOULDER	250	
809+29	-	816+19	USH 63 LT	SHOULDER	115	
817+62	-	820+74	USH 63 LT	SHOULDER	52	
817+55	-	830+70	USH 63 RT	SHOULDER	88	
820+74	-	830+68	USH 63 LT	SHOULDER	66	
831+58	-	833+00	USH 63 LT	SHOULDER		
831+58	-	833+00	USH 63 RT	SHOULDER		
8+97	-	9+08	'WS' RT	SHOULDER		
8+99	-	10+08	'WS' LT	SHOULDER		
9+89	-	10+68	'WS' RT	SHOULDER		
10+60	-	10+70	'WS' LT	SHOULDER		
9+35	-	9+50	'WN' LT	SHOULDER	2	
9+35	-	10+00	'WN' RT	SHOULDER	5	
10+07	-	10+72	'WN' LT	SHOULDER	4	
10+62	-	10+76	'WN' RT	SHOULDER	2	
10+12	-	10+95	'LL' RT	SHOULDER	7	
10+17	-	10+95	'LL' LT	SHOULDER	6	
9+06	-	9+61	'HL' RT	SHOULDER	5	
9+05	-	10+00	'HL' LT	SHOULDER	11	
10+14	-	10+57	'OC' RT	SHOULDER	4	
10+16	-	10+57	'OC' LT	SHOULDER	4	
4+97	-	9+00	'HT' RT	SHOULDER	15	
4+97	-	9+21	'HT' LT	SHOULDER	16	
10+50	-	11+54	'D' RT	SHOULDER	4	
10+91	-	11+54	'D' LT	SHOULDER	3	
8+25	-	9+33	'SE' RT	SHOULDER	8	
8+25	-	9+15	'SE' LT	SHOULDER	7	
823+54	-	824+66	CE LT	SHOULDER	10	
827+64	-	282+29	CE LT	SHOULDER	8	
12+88	-	13+14	'3S' RT	SHOULDER	2	
12+87	-	13+87	'3S' LT	SHOULDER	6	
10+16	-	10+80	'IB' RT	SHOULDER	5	
10+14	-	10+76	'IB' LT	SHOULDER	5	
9+35	-	-	'WN'	MAINLINE	7	
10+74	-	-	'WN'	MAINLINE	7	
				STAGE 1A SUBTOTAL	3443	

BASE AGGREGATE DENSE 3/4-INCH CONT'D

STATION	-	STATION	LOCATION		305.0110 BASE AGGREGATE DENSE 3/4-INCH TON	COMMENTS
CAT. 0010						
STAGE 1A						
645+75	-	-	PE LT		6	
646+76	-	-	PE RT		5	
656+87	-	-	PE RT		5	
656+90	-	-	PE LT		6	
670+12	-	-	PE LT		6	
680+50	-	-	FE RT		5	
682+15	-	-	PE LT		6	
694+50	-	-	PE LT		6	
701+42	-	-	PE LT		6	
748+00	-	-	PE LT		6	
10+57	-	-	'OC'	MAINLINE	7	
763+15	-	-	PE RT		6	
763+40	-	-	PE LT		6	
802+37	-	-	FE LT		5	
				STAGE 1A TOTAL	3524	
STAGE 1B						
884+25	-	-	CE LT		8	MUSEUM
				STAGE 1B TOTAL	8	
STAGE 2						
10+83	-	11+03	'T1'		2	
11+36	-	11+56	'T1'		2	
25+77	-	25+97	'T1'			
26+27	-	26+47	'T1'			
29+74	-	30+50	'T1'			
30+66	-	30+98	'T1'			
31+46	-	31+52	'T1'			
31+57	-	31+69	'T1'			
10+64	-	10+69	'T2'		1	
10+74	-	10+89	'T2'		2	
14+28	-	14+48	'T2'		2	
16+80	-	17+00	'T2'		2	
17+24	-	17+44	'T2'		2	
21+53	-	21+73	'T2'		2	
21+97		22+17	'T2'		2	
26+86	-	27+06	'T2'		2	
27+30	-	27+50	'T2'		2	
				STAGE 2 TOTAL	41	
STAGE 4						
833+00	-	837+50	USH 63 LT	SHOULDER	163	
843+03	-	845+77	USH 63 LT	SHOULDER	99	
868+55	-	876+43	USH 63 LT	SHOULDER	123	
880+55	-	883+82	USH 63 LT	SHOULDER	37	
10+42	-	11+94	'CE1' LT	SHOULDER	19	
10+42	-	11+94	'CE1' RT	SHOULDER	15	
8+78	-	9+88	'CE2' RT	SHOULDER	16	
8+38	-	9+89	'CE2 LT	SHOULDER	19	
7+00	-	8+64	'6A' LT	SHOULDER	11	
877+00	-	-	USH 63 LT	SHOULDER	20	SHELL LAKE MARINE
10+67	-	11+42	'B' RT	SHOULDER	9	
10+83	-	11+42	'B' LT	SHOULDER	7	
882+64	-	883+93	USH 63	RT SHOULDER	22	
				STAGE 4 TOTAL	558	
				PROJECT TOTAL	4131	

SHAPING SHOULDERS

STATION	-	STATION	LOCATION	305.0500 SHAPING SHOULDERS STA
CAT. 0010				
STAGE 1A				
625+00	-	626+95	USH 63 LT	2
625+00	-	628+00	USH 63 RT	3
628+49	-	632+83	USH 63 LT	5
628+86	-	632+37	USH 63 RT	4
633+07	-	696+75	USH 63 RT	64
633+65	-	733+10	USH 63 LT	100
697+76	-	747+98	USH 63 RT	51
734+90	-	776+98	USH 63 LT	43
748+91	-	783+49	USH 63 RT	35
776+98	-	787+16	USH 63 LT	11
783+49	-	788+49	USH 63 RT	5
789+49	-	792+99	USH 63 LT	4
790+11	-	816+64	USH 63 RT	27
792+99	-	808+00	USH 63 LT	16
809+29	-	816+19	USH 63 LT	7
817+62	-	820+74	USH 63 LT	4
817+55	-	830+70	USH 63 RT	14
820+74	-	830+68	USH 63 LT	10
831+58	-	833+00	USH 63 LT	2
831+58	-	833+00	USH 63 RT	2
8+97	-	9+08	'WS' RT	1
8+99	-	10+08	'WS' LT	2
9+89	-	10+68	'WS' RT	1
10+60	-	10+70	'WS' LT	1
9+35	-	9+50	'WN' LT	1
9+35	-	10+00	'WN' RT	1
10+07	-	10+72	'WN' LT	1
10+62	-	10+76	'WN' RT	1
10+12	-	10+95	'LL' RT	1
10+17	-	10+95	'LL' LT	1
9+06	-	9+61	'HL' RT	1
9+05	-	10+00	'HL' LT	1
10+14	-	10+57	'OC' RT	1
10+16	-	10+57	'OC 'LT	1
4+97	-	9+00	'HT' RT	5
4+97	-	9+21	'HT' LT	5
10+50	-	11+54	'D' RT	2
10+91	-	11+54	'D' LT	1
8+25	-	9+33	'SE' RT	2
8+25	-	9+15	'SE' LT	1
823+54	-	824+66	CE LT	2
827+64	-	828+29	CE LT	1
12+88	-	13+14	'3S' RT	1
12+87	-	13+87	'3S' LT	1
10+16	-	10+80	'IB' RT	1
10+14	-	10+76	'IB' LT	1
			STAGE 1A TOTAL	447
STAGE 4				
833+00	-	837+50	USH 63 LT	5
843+03	-	845+77	USH 63 LT	3
868+55	-	876+43	USH 63 LT	8
880+55	-	883+82	USH 63 LT	4
7+00	-	8+64	'6A' LT	2
10+67	-	11+42	'B' RT	1
10+83	-	11+42	'B' LT	1
			STAGE 4 TOTAL	24
			PROJECT TOTAL	471

PRELIMINARY

BASE AGGREGATE DENSE 1 1/4-INCH

STATION	-	STATION	LOCATION		305.0120 BASE AGGREGATE DENSE 1 1/4-INCH TON	COMMENTS
CAT. 0010						
STAGE 1A						
708+52	-	709+64	USH 63	-	296	CP REPLACEMENT
776+98	-	788+17	USH 63	LT	1226	SHLD WIDENING
788+17	-	789+49	USH 63	LT	167	
789+49	-	808+00	USH 63	LT	2072	SHLD WIDENING
808+00	-	809+29	USH 63	LT	89	
809+29	-	816+19	USH 63	LT	846	SHLD WIDENING
816+19	-	817+61	USH 63	LT	76	
817+61	-	820+74	USH 63	LT	292	SHLD WIDENING
783+49	-	788+49	USH 63	RT	465	SHLD WIDENING
788+49	-	790+11	USH 63	RT	91	
790+11	-	816+68	USH 63	RT	2921	SHLD WIDENING
4+97	-	9+61	'HT'	-	1245	
10+26	-	11+54	'D'	-	581	
11+23	-	11+34	'D'	LT/RT	59	ATV TRAIL ACCESS
10+17	-	11+10	'T3'	-	87	
6+61	-	8+44	'PD'	RT	400	CHURCH PARKING LOT
10+17	-	11+84	'C1'		400	U-TURN
		STAGE 1A SUBTOTAL			11313	
STAGE 1B						
829+23	-	830+88	USH 63	LT	71	TEMP. WIDENING
831+30	-	844+21	USH 63	LT	1137	TEMP. WIDENING
845+92		850+93	USH 63	LT	161	TEMP. WIDENING
851+41	-	855+27	USH 63	LT	128	TEMP. WIDENING
855+66	-	856+92	USH 63	LT	22	TEMP. WIDENING
857+52	-	860+78	USH 63	LT	91	TEMP. WIDENING
861+66	-	864+30	USH 63	LT	55	TEMP. WIDENING
869+00	-	886+61	USH 63	LT	1396	TEMP. WIDENING
884+23	-	-	USH63	LT	22	CP REPLACEMENT
10+18	-	10+56	'ID'	RT	18	'ID' DETOUR WIDENING
10+58	-	12+03	'3S'	LT	67	'3S' DETOUR WIDENING
13+13	-	13+42	'3S'	RT	23	'3S' DETOUR WIDENING
10+36	-	11+03	'LA'	RT	33	'LA' DETOUR WIDENING
8+38	-	9+90	'C2'		235	FARLEY C.E.
		STAGE 1B SUBTOTAL			3439	

BASE AGGREGATE DENSE 1 1/4-INCH CONT'D

STATION	-	STATION	LOCATION		305.0120 BASE AGGREGATE DENSE 1 1/4-INCH TON	COMMENTS
CAT. 0010						
STAGE 2						
833+00	-	845+03	USH 63	RT	2297	
845+03	-	846+32	USH 63	RT	224	
846+32	-	853+20	USH 63	RT	1302	
853+20	-	853+86	USH 63	RT	105	
853+86	-	856+82	USH 63	RT	552	
856+82	-	857+48	USH 63	RT	106	
857+48	-	858+59	USH 63	RT	204	
858+59	-	860+49	USH 63	RT	320	
860+49	-	865+35	USH 63	RT	904	
865+35	-	866+20	USH 63	RT	134	
866+20	-	869+22	USH 63	RT	545	
869+22	-	870+07	USH 63	RT	97	
870+07	-	873+96	USH 63	RT	409	
873+96	-	874+80	USH 63	RT	58	
874+80	-	881+32	USH 63	RT	1093	
881+32	-	882+61	USH 63	RT	214	
882+61	-	883+62	USH 63	RT	263	
10+34	-	11+43	'WL'		343	'WL'
10+31	-	11+41	'WL'	LT	128	'WL' TEMP. WIDENING
10+28	-	10+60	'P1'		82	'P1'
10+32	-	10+65	'P2'		87	'P2'
10+28	-	11+33	'P3'		204	'P3'
10+31	-	11+0	'P4		169	'P4
10+35	-	11+1	'P6'		179	'P
10+26	-	11+4	'B'		332	
368+31	-	377+2	USH	R	792	EMP. IDENI
		STAG 2 SUBTOTAL			114	
STAGE 3						
833+00	-	845+02	USH 63	LT	2040	
845+02	-	846+07	USH 63	LT	165	
846+07	-	850+77	USH 63	LT	632	
850+77	-	851+60	USH 63	LT	87	
851+60	-	855+10	USH 63	LT	463	
855+10	-	855+83	USH 63	LT	79	
855+83	-	856+82	USH 63	LT	149	
856+82	-	857+68	USH 63	LT	108	
857+68	-	860+67	USH 63	LT	420	
860+67	-	861+82	USH 63	LT	149	
861+82	-	864+67	USH 63	LT	465	
864+67	-	866+22	USH 63	LT	269	
866+22	-	883+82	USH 63	LT	3055	
9+12	-	9+81	'1A'		185	
9+60	-	9+84	'P5'		65	
9+30	-	9+83	'4A'		158	
9+39	-	9+81	'5A'		169	
6+90	-	9+75	'6A'		629	
845+76	-	847+65	USH 63	LT	190	
857+49	-	859+28	USH 63	LT	134	
863+30	-	864+80	USH 63	LT	108	
865+35	-	866+84	USH 63	LT	90	
856+51	-	879+60	USH 63	LT	419	SHELL LAKE MARINE
		STAGE 3 SUBTOTAL			10228	
STAGE 4						
876+95	-	-	USH 63		18	
10+24	-	11+47	'PG'		228	'PG'
10+16	-	11+08	'PC'		186	'PC'
		STAGE 4 SUBTOTAL			432	
		CAT. 0010 SUBTOTAL			36555	

BASE AGGREGATE DENSE 1 1/4-INCH CONT'D

STATION	-	STATION	LOCATION	305.0120 BASE AGGREGATE DENSE 1 1/4-INCH TON	COMMENTS
CAT. 0020					
STAGE 2					
10+27	-	24+66	'SU'	572	
25+17	-	32+52	'SU'	292	
32+97	-	36+17	'SU'	127	
36+62	-	40+00	'SU'	134	
40+15	-	48+59	'SU'	335	
49+03	-	53+32	'SU'	170	
53+76	-	58+67	'SU'	195	
59+10	-	61+50	'SU'	95	
10+83	-	11+03	'T1'	9	
11+36	-	11+56	'T1'	9	
25+77	-	25+97	'T1'	9	
26+27	-	26+47	'T1'	9	
29+74	-	30+56	'T1'	36	
30+66	-	30+98	'T1'	14	
31+46	-	31+52	'T1'	3	
31+57	-	31+69	'T1'	5	
10+64	-	10+69	'T2'	2	
10+74	-	10+89	'T2'	7	
14+28	-	14+48	'T2'	9	
16+80	-	17+00	'T2'	9	
17+24	-	17+44	'T2'	9	
21+53	-	21+73	'T2'	9	
1+97	-	22+	'T2'	9	
6+86	-	27+06	'T2'	9	
27+30	-	27+50	'T2'	9	
10+17	-	11+10	'T3'	59	
		T.0020 SUBTOTAL		2145	
CAT. 0030					
STAGE 2					
9+30	-	13+08	'S2'	36	
23+76	-	26+37	'W1'	101	
		STAGE 2 SUBTOTAL		137	
STAGE 3					
56+88	-	57+77	'S1'	87	
		STAGE 3 SUBTOTAL		87	
		CAT.0030 SUBTOTAL		224	

PRELIMINARY

HMA PAVEMENT

STATION	-	STATION	LOCATION		WIDTH	DEPTH INCH	SPV.0195.01 HMA PAVEMENT TYPE E-3 SPECIAL (E3SPV4) (LOWER LAYER 19.0 mm MIX) TON	SPV.0195.02 HMA PAVEMENT TYPE E-3 SPECIAL (E3SPV6) (UPPER LAYER 12.5 mm MIX) TON	455.0605 TACK COAT GAL	COMMENTS
CAT. 0010										
STAGE1A										
625+00	-	708+95	USH 63	LT	17	4.0	1998	1554	1903	MAINLINE
708+52	-	709+64	USH 63	LT	17	6.0	50	21	25	CULVERT REPLACEMENT
709+20	-	779+98	USH 63	LT	17	4.0	1387	1079	1321	MAINLINE
776+98	-	820+74	USH63	LT	15	4.0	919	715	875	MAINLINE
820+74	-	832+40	USH63	LT	17	4.0	277	216	264	MAINLINE
776+98	-	820+74	USH 63	LT	VARIES	6.0	1150	473	580	MAINLINE
832+40	-	833+00	USH 63	LT	15	4.0	13	10	12	MAINLINE
832+40	-	833+00	USH 63	LT	2	6.0	6	3	1	MAINLINE SHLD
625+00	-	708+95	USH 63	RT	17	4.0	1998	1554	1903	MAINLINE
708+95	-	709+20	USH 63	RT	17	6.0	11	5	6	CULVERT REPLACEMENT
709+20	-	783+49	USH 63	RT	17	4.0	1768	1375	1684	MAINLINE
783+49	-	816+68	USH 63	RT	15	4.0	697	542	664	MAINLINE
816+68	-	832+40	USH 63	RT	17	4.0	374	291	356	MAINLINE
832+40	-	833+00	USH 63	RT	15	4.0	13	10	12	MAINLINE
783+49	-	816+68	USH 63	RT	VARIES	6.0	735	303	371	MAINLINE
832+40	-	833+00	USH 63	RT	2	6.0	6	3	2	MAINLINE SHLD
8+78	-	9+77	'WS'	-	VARIES	1.75	-	33	20	MAINLINE
10+24	-	10+69	'WS'	-	VARIES	1.75			12	UTH WOODYA ROAD
9+34	-	9+79	'WN'	-	VARIES	1.75		11	7	RTH WOODYA ROAD
10+23	-	10+74	'WN'	-	VARIES	1.75		1	10	RTH WOODYA ROAD
10+17	-	10+95	'LL'	-	VARIES	1.75		28	17	LEHMAN LAKE AD
9+06	-	9+81	'HL'	-	VARIES	1.75			24	HEART LAKE R AD
10+17	-	10+57	'OC'	-	VARIES	1.75		17	10	D 63 CONNE ION
10+26	-	11+55	'D'	-	VARIES	4.0	107	83	102	CTH D
4+97	-	9+61	'HT'	-	VARIES	4.0	170	132	162	HILLTOP ROAD
8+25	-	9+74	'SE'	-	VARIES	4.0	76	59	72	SCHOOL ENTRANCE
10+17	-	10+76	'ID'	-	VARIES	1.75	-	27	16	INDUSTRIAL DRIVE
8+95	-	9+75	'PD'	-	VARIES	4.0	55	43	53	PEDERSON DRIVE
10+17	-	10+78	'IB'	-	VARIES	1.75	-	22	13	INDUSTRIAL BOULEVARD
9+36	-	9+83	'3S'	-	VARIES	1.75	-	21	13	THIRD STREET
			STAGE 1A TOTALS				11810	8705	10510	
STAGE2										
833+00	-	884+54	USH 63	-	VARIES	4.25	3323	0	838	MAINLINE - BINDER
10+34	-	11+43	'WL'	-	VARIES	2.25	63	0	0	WEST LAKE DRIVE
10+28	-	10+60	'P1'	-	VARIES	2.25	14	0	0	PARKING ENTRANCE
10+32	-	10+65	'P2'	-	VARIES	2.25	14	0	0	PARKING ENTRANCE
10+28	-	11+32	'P3'	-	VARIES	2.25	36	0	0	PARKING ENTRANCE
10+31	-	11+00	'P4'	-	VARIES	2.25	31	0	0	PARKING ENTRANCE
10+35	-	11+18	'P6'	-	VARIES	2.25	33	0	0	PARKING ENTRANCE
10+26	-	11+43	'B'	-	VARIES	2.25	61	0	0	CTH B
			STAGE 2 TOTALS				3575	0	838	

HMA PAVEMENT CONT'D

STATION	-	STATION	LOCATION		WIDTH	DEPTH INCH	SPV.0195.01 HMA PAVEMENT TYPE E-3 SPECIAL (E3SPV4) (LOWER LAYER 19.0 mm MIX) TON	SPV.0195.02 HMA PAVEMENT TYPE E-3 SPECIAL (E3SPV6) (UPPER LAYER 12.5 mm MIX) TON	455.0605 TACK COAT GAL	COMMENTS
CAT. 0010										
STAGE 3										
833+00	-	883+63	USH 63	-	VARIES	4.25	2672	0	674	MAINLINE - BINDER
9+12	-	9+81	'1A'	-	VARIES	2.25	36	0	0	1ST AVENUE
9+48	-	9+84	'1S'	-	VARIES	2.25	19	0	0	1ST STREET
9+60	-	9+84	'P5'	-	VARIES	2.25	12	0	0	PARKING LOT ACCESS
9+31	-	9+83	'4A'	-	VARIES	2.25	31	0	0	4TH AVENUE
9+39	-	9+85	'5A'	-	VARIES	2.25	36	0	0	5TH AVENUE
7+26	-	9+76	'6A'	-	VARIES	2.25	118	0	0	6TH AVENUE
			STAGE 3 TOTALS				2924	0	674	
STAGE 4										
10+24	-	11+39	'PG'	-	VARIES	2.25	46	0	0	PLAYGROUND DRIVE
10+16	-	11+08	'PC'	-	VARIES	2.25	37	0	0	PETERSON COURT
			STAGE 4 TOTALS				83	0	0	
STAGE 5										
833+00	-	884+54	USH 63	-	VARIES	1.75	0	2437	1492	MAINLINE - SURFACE
10+34	-	11+43	'WL'	-	VARIES	1.75	0	49	30	WEST LAKE DRIVE
9+12	-	9+81	'1A'	-	VARIES	1.75	0	28	17	1ST AVENUE
9+48	-	9+84	'1S'	-	VARIES	1.75	0	15	9	1ST STREET
10+2	-	0+50	'P1'	-	VARIES	1.75	0	11	7	PARKING ENTRANCE
9+6	-	9+84	'P5'	-	VARIES	1.75	0	9	6	PARKING ENTRANCE
10+3	-	10+	'P2'	-	VARIES	1.75		11	7	PARKING ENTRANCE
9+3	-	9+83	'4A'	-	VARIES	1.75	0	24	15	4TH AVENUE
10+2	-	11+32	'P3'	-	VARIES	1.75	0	28	17	PARKING ENTRANCE
10+3	-	11+00	'P4'	-	VARIES	1.75	0	24	15	PARKING ENTRANCE
9+39	-	9+85	'5A'	-	VARIES	1.75	0	28	17	5TH AVENUE
7+26	-	9+76	'6A'	-	VARIES	1.75	0	111	68	6TH AVENUE
10+35	-	11+18	'P6'	-	VARIES	1.75	0	26	16	PARKING ENTRANCE
10+24	-	11+39	'PG'	-	VARIES	1.75	0	36	22	PLAYGROUND DRIVE
10+16	-	11+08	'PC'	-	VARIES	1.75	0	29	18	PETERSON COURT
10+26	-	11+43	'B'	-	VARIES	1.75	0	47	29	CTH B
			STAGE 5 TOTALS				0	2913	1785	
			TOTALS				18392	11618	13807	

HMA COLD WEATHER PAVING

STATION	-	STATION	LOCATION	460.4000 HMA COLD WEATHER PAVING TON	COMMENTS
CAT. 0010					
STAGE1A					
625+00	-	833+00	USH 63	1500	MAINLINE
			STAGE 1A TOTAL	1500	
STAGE3					
833+00	-	884+54	USH 63	500	MAINLINE
			STAGE 2 TOTALS	500	
			TOTALS	2000	

PRELIMINARY

REHEATING JOINTS

STATION	-	STATION	LOCATION	JOINTS	SPV.0170.01 REHEATING HMA PAVEMENT LONGITUDINAL JOINTS SPECIAL STA
CAT. 0010					
625+00.0	-	779+18.0	USH 63	1	155
779+18.0	-	783+49.0	USH 63	2	9
783+49.0	-	787+50.0	USH 63	3	13
787+50.0	-	790+77.0	USH 63	4	14
790+77.0	-	792+99.0	USH 63	3	7
792+99.0	-	807+38.0	USH 63	2	29
807+38.0	-	812+79.0	USH 63	3	17
812+79.0	-	821+11.0	USH 63	2	17
821+11.0	-	833+00.0	USH 63	1	12
833+00.0	-	835+25.0	USH 63	1	3
835+25.0	-	836+53.0	USH 63	2	3
836+53.0	-	847+13.0	USH 63	3	32
847+13.0	-	856+27.0	USH 63	2	19
856+27.0	-	856+93.0	USH 63	1	1
856+93.0	-	860+16.0	USH 63	2	7
860+16.0	-	860+77.0	USH 63	1	1
860+77.0	-	861+56.0	USH 63	2	2
861+56.0	-	862+55.0	USH 63	1	1
862+55.0	-	863+60.0	USH 63	2	3
863+60.0	-	864+49.0	USH 63	3	3
864+39.0	-	865+15.0	USH 63	2	2
865+15.0	-	871+68.0	USH 63	3	20
871+68.0	-	875+61.0	USH 63	2	8
875+61.0	-	878+32.0	USH 63	1	3
878+32.0	-	883+63.0	USH 63	2	11
			PROJECT TOTAL		392

ASPHALTIC SURFACE

STATION	-	STATION	LOCATION		465.0105 ASPHALTIC SURFACE TON	455.0605 TACK COAT GAL	COMMENT
CAT. 0010							
STAGE 1A							
625+00	-	833+00	USH 63	-	1500	0	LEVELING & WEDGING
6+61	-	8+44	'PD'	RT	95	0	CHURCH PARKING LOT
10+17	-	11+84	'C1'	-	73	0	U-TURN C.E.
			STAGE 1A TOTALS		1668	0	
829+23.7	-	830+88.3	USH 63	LT	12	4	TEMP WIDENING
831+29.6	-	844+21.1	USH 63	LT	319	114	TEMP WIDENING
845+92.6	-	850+93.5	USH 63	LT	62	22	TEMP WIDENING
851+41.2	-	855+27.1	USH 63	LT	50	18	TEMP WIDENING
855+66.8	-	856+91.9	USH 63	LT	9	3	TEMP WIDENING
857+51.9	-	860+77.9	USH 63	LT	35	13	TEMP WIDENING
861+66.4	-	864+30.3	USH63	LT	13	5	TEMP WIDENING
10+31.3	-	11+39.5	'WL'	LT	34	12	TEMP WIDENING
869+00.0	-	886+60.0	USH 63	LT	375	134	TEMP WIDENING
			STAGE 1B TOTALS		909	325	
STAGE 2							
868+31.4	-	877+27.9	USH 63	RT	142	0	TEMP WIDENING
8+38	-	9+90	'C2'		71	0	FARLEY C.E.
			STAGE 2 TOTALS		213	0	
STAGE 3							
876+58	-	879+60	USH 63	LT	162	0	SHELL LAKE MARINE
			STAGE 3 TOTALS		162	0	
			CAT. 0010 TOTALS		2952	325	

ASPHALTIC SURFACE CONT'D

STATION	-	STATION	LOCATION		465.0105 ASPHALTIC SURFACE TON	455.0605 TACK COAT GAL	COMMENT
CAT. 0020							
STAGE 2							
10+27	-	24+66	'SU'		179	0	
25+17	-	32+52	'SU'		91	0	
32+97	-	36+17	'SU'		40	0	
36+62	-	40+00	'SU'		42	0	
40+15	-	48+59	'SU'		105	0	
49+03	-	53+32	'SU'		53	0	
53+76	-	58+67	'SU'		61	0	
59+10	-	61+50	'SU'		30	0	
10+83	-	11+03	'T1'		3	0	
11+36	-	11+56	'T1'		3	0	
25+77	-	25+97	'T1'		3	0	
26+27	-	26+47	'T1'		3	0	
29+74	-	30+56	'T1'		12	0	
30+66	-	30+98	'T1'		5	0	
31+46	-	31+52	'T1'		1	0	
31+57	-	31+69	'T1'		2	0	
10+64	-	10+69	'T2'		1	0	
10+74	-	10+89	'T2'		2	0	
14+28	-	14+48	'T2'		3	0	
16+80	-	17+00	'T2'		3	0	
17+24	-	17+44	'T2'		3	0	
21+53	-	21+73	'T2'		3	0	
21+97	-	22+17	'T2'		3	0	
26+86	-	27+06	'T2'		3	0	
27+30	-	27+50	'T2'		3	0	
10+17	-	11+37	'T3'		20	0	
			STAGE 2 TOTALS		677	0	
			CAT. 0020 TOTALS		677	0	
CAT. 0030							
STAGE 2							
9+30	-	13+08	'S2'		15	4	
23+76	-	26+38	'W1'		42	11	
			STAGE 2 TOTALS		57	15	
STAGE 3							
56+88	-	57+77	'S1'		36	10	
			STAGE 3 TOTALS		36	10	
			CAT. 0030 TOTALS		93	25	
CAT. 0040							
STAGE 2							
863+54	-	865+66	USH 63		155	0	CITY PARKING LOT
865+90	-	866+80	USH 63		64	0	CITY PARKING LOT
			STAGE 2 TOTALS		219	0	
			CAT. 0040 TOTALS		219	0	
			TOTALS		3941	350	

ASPHALTIC SURFACE DETOURS

STATION	-	STATION	LOCATION		465.0115 ASPHALTIC SURFACE DETOURS TON	455.0605 TACK COAT GAL	COMMENTS
CAT. 0010							
STAGE 1B							
10+18	-	10+56	'ID'	RT	6	2	DETOUR
10+58	-	12+03	'3S'	LT	23	6	DETOUR
13+13	-	13+42	'3S'	RT	7	3	DETOUR
10+36	-	11+03	'LA'	RT	11	3	DETOUR
			STAGE 1B TOTALS		47	13	
			TOTALS		47	13	

PRELIMINARY

PRELIMINARY

ASPHALTIC SURFACE PATCHING

STATION	- STATION	LOCATION	305.0120 BASE AGGREGATE DENSE 1 1/4-INCH TON	465.0110 ASPHALTIC SURFACE PATCHING TON	455.0605 TACK COAT GAL	COMMENTS
CAT. 0010						
625+00	- 884+53	USH 63	0	250	0	PROJECT
STAGE 2						
847+70	- 847+80	USH 63	14	5	2	PIPE CROSSING
849+14	- 849+24	USH 63	14	5	2	PIPE CROSSING
851+99	- 852+09	USH 63	14	5	2	PIPE CROSSING
853+01	- 853+11	USH 63	14	5	2	PIPE CROSSING
856+58	- 856+78	USH 63	27	11	4	PIPE CROSSING
857+77	- 857+87	USH 63	14	5	2	PIPE CROSSING
858+49	- 858+59	USH 63	14	5	2	PIPE CROSSING
861+80	- 861+90	USH 63	14	5	2	PIPE CROSSING
865+97	- 866+17	USH 63	27	11	4	PIPE CROSSING
869+90	- 870+10	USH 63	27	11	4	PIPE CROSSING
STAGE 2 TOTALS			179	68	26	
CAT. 0010 TOTALS			179	318	26	
CAT. 0030						
STAGE 2						
9+30	- 13+08	'S2'	27	11	4	SAN. CROSSING
23+76	- 26+38	'W1'	27	11	4	WATER CROSSING
STAGE 2 TOTALS			54	22	8	
CAT. 0030 TOTALS			54	22	8	
TOTALS			233	340	34	

ASPHALTIC SURFACE DRIVEWAYS AND FIELD ENTRANCES

STATION	- STATION	LOCATION		305.0120 BASE AGGREGATE DENSE 1 1/4-INCH TON	465.0120 ASPHALTIC SURFACE DRIVEWAYS AND FIELD ENTRANCES TON	455.0605 TACK COAT GAL	COMMENTS
CAT. 0010							
STAGE 1A							
823+58	- 824+62	USH 63	LT	-	29	17	C.E. LT
857+49	- 859+28	USH 63	LT	-	14	10	C.E. LT
STAGE 1A TOTAL				0	43	27	
STAGE 3							
845+76	- 847+65	USH 63	LT	190	74	26	THROUGH THE WOODS CAFÉ
857+49	- 859+28	USH 63	LT	134	52	19	BP GAS STATION & ALLEY
863+30	- 864+80	USH 63	LT	108	42	14	ALLEY & FITNESS CENTER
862+81	- 863+45	USH 63	LT	0	58	22	FITNESS CENTER PARKING
7+26	- 8+28	'6A'	LT	24	42	14	OLD FEED MILL
865+35	- 866+84	USH 63	LT	90	35	12	OLD FEED MILL
STAGE 3 TOTAL				546	303	107	
TOTALS				546	346	134	

ASPHALTIC SURFACE TEMPORARY

STATION	- STATION	LOCATION		465.0125 ASPHALTIC SURFACE TEMPORARY TON	COMMENTS
CAT. 0010					
STAGE 2					
829+23.7	- 830+88.3	USH 63	RT	1	TEMP. CROSSWALK ACCESS
831+29.6	- 844+21.1	USH 63	RT	1	TEMP. CROSSWALK ACCESS
845+92.6	- 850+93.5	USH 63	RT	1	TEMP. CROSSWALK ACCESS
851+41.2	- 855+27.1	USH 63	RT	1	TEMP. CROSSWALK ACCESS
STAGE 2 TOTAL				4	
STAGE 3					
855+66.8	- 856+91.9	USH 63	LT	1	TEMP. CROSSWALK ACCESS
857+51.9	- 860+77.9	USH 63	LT	1	TEMP. CROSSWALK ACCESS
861+66.4	- 864+30.3	USH63	LT	1	TEMP. CROSSWALK ACCESS
10+31.3	- 11+39.5	USH 63	LT	1	TEMP. CROSSWALK ACCESS
STAGE 3 TOTAL				4	
PROJECT TOTAL				8	

CLEANING CULVERT PIPES

STATION	LOCATION		520.7000 CLEANING CULVERT PIPES EACH	SPV.0060.03 CLEANING CULVERT PIPES MINIMAL EACH	SPV.0060.04 CLEANING CULVERT PIPES FULL EACH	SPV.0060.05 CLEANING CATCH BASIN EACH	COMMENTS
CAT. 0010							
STAGE 1A							
625+34	USH 63	LT	-	1	-	-	
631+12	USH 63	RT	-	1	-	-	
631+12	USH 63	LT	-	1	-	-	
632+06	USH 63	RT	-	-	-	1	STA. 631+81 - 632+31 RT
638+10	USH 63	LT	-	1	-	-	
646+76	USH 63	RT	-	1	-	-	
647+00	USH 63	RT	-	1	-	-	
656+71	USH 63	LT	-	1	-	-	
657+03	USH 63	LT	-	1	-	-	
659+69	USH 63	LT	-	1	-	-	
719+08	USH 63	RT	-	1	-	-	
719+08	USH 63	LT	-	-	1		
732+95	USH 63	LT	-	-	-	1	STA. 732+90 - 733+00 LT
733+34	USH 63	-	1	-	-	-	
756+05	USH 63	-	1	-	-	-	
760+84	USH 63	LT	-	1	-	-	
760+84	USH 63	RT	-	1	-	-	
795+52	USH 63	-	1	-	-	-	
09+36	'SE'	LT	-	1	-	-	
09+36	'SE'	RT	-	1	-	-	
823+87	USH 63	LT	-	1	-	-	
824+42	USH 63	LT	-	1	-	-	
827+80	USH 63	LT	-	1	-	-	
830+90	USH 63	LT	-	1	-	-	
831+32	USH 63	LT	-	1	-	-	
PROJECT TOTAL			3	19	1	2	

ASPHALTIC SHOULDER RUMBLE STRIPS

STATION	- STATION	LOCATION		465.0[illegible] ASPHALTIC SHOULDER RUMBLE STRIP 2-LANE RURAL (TYPE I) LF
CAT. 0010				
STAGE 4				
625+00	- 627+05	USH 63	LT	205
625+00	- 627+52	USH 63	RT	252
628+95	- 632+35	USH 63	LT	340
629+32	- 631+87	USH 63	RT	255
633+52	- 646+46	USH 63	RT	1294
647+29	- 657+04	USH 63	RT	975
633+64	- 645+20	USH 63	LT	1156
646+28	- 656+45	USH 63	LT	1017
657+04	- 680+16	USH 63	RT	2312
657+32	- 669+60	USH 63	LT	1228
670+62	- 681+72	USH 63	LT	1110
680+93	- 704+27	USH 63	RT	2334
682+56	- 694+08	USH 63	LT	1152
694+84	- 700+96	USH 63	LT	612
704+98	- 747+51	USH 63	RT	4253
701+88	- 732+61	USH 63	LT	3073
735+35	- 747+56	USH 63	LT	1221
748+52	- 762+83	USH 63	LT	1431
749+35	- 762+69	USH 63	RT	1334
763+63	- 783+36	USH 63	RT	1973
764+04	- 787+00	USH 63	LT	2296
791+27	- 805+30	USH 63	RT	1403
793+11	- 798+96	USH 63	LT	585
800+22	- 801+93	USH 63	LT	171
802+83	- 805+30	USH 63	LT	247
PROJECT TOTAL				32229

ASPHALT CENTER LINE RUMBLE STRIPS

STATION	- STATION	LOCATION		465.0475 ASPHALT CENTER LINE RUMBLE STRIP 2-LANE RURAL LF
CAT. [illegible]				
STAG[illegible]4				
6[illegible]+00	626[illegible]	[illegible]		116
[illegible]	630[illegible]	US[illegible]63		77
[illegible]34+93	- 6[illegible]95[illegible]7	USH		6034
[illegible]599+27	- [illegible]31[illegible]2	USH 63		3245
735+72	- 746+41	USH 63		1069
750+41	- 779+18	USH 63		2877
PROJECT TOTAL				13418

CONCRETE MASONRY ENDWALLS

STATION	LOCATION		504.0900 CONCRETE MANSONRY ENDWALLS CY
CAT. 0010			
STAGE 1A			
780+00	USH 63	RT	5.28
780+00	USH 63	LT	5.62
PROJECT TOTAL			10.9

SURFACE DRAINS

STATION	LOCATION		416.1010 CONCRETE SURFACE DRAINS CY	465.0315 ASPHALTIC FLUMES SY	645.0130 GEOTEXTILE FABRIC TYPE R SY
CAT. 0010					
09+67	'PD'	LT	-	8	-
837+50	USH 63	RT	-	8	-
11+28	'WL'	RT	-	8	-
11+28	'WL'	LT	-	8	-
853+38	USH 63	LT	0.2	-	2
875+95	USH 63	LT	-	8	-
10+68	'B'	RT	-	8	-
10+83	'B'	LT	-	8	-
TOTALS			0.2	56	2

CULVERT PIPE REINFORCED CONCRETE

STATION		LOCATION		522.0124 CULVERT PIPE REINFORCED CONCRETE CL III 24-INCH LF	522.0130 CULVERT PIPE REINFORCED CONCRETE CL III 30-INCH LF	522.0136 CULVERT PIPE REINFORCED CONCRETE CL III 36-INCH LF	522.0148 CULVERT PIPE REINFORCED CONCRETE CL III 48-INCH LF	522.0166 CULVERT PIPE REINFORCED CONCRETE 66-INCH LF	522.1024 APRON ENDWALLS FOR CULVERT PIPE REINFORCED CONCRETE 24-INCH EACH	522.1030 APRON ENDWALLS FOR CULVERT PIPE REINFORCED CONCRETE 30-INCH EACH	522.1036 APRON ENDWALLS FOR CULVERT PIPE REINFORCED CONCRETE 36-INCH EACH	522.1066 APRON ENDWALLS FOR CULVERT PIPE REINFORCED COCNRETE 66-INCH EACH	520.8000 CONCRETE COLLARS FOR PIPE EACH
CAT. 0010													
STAGE 1A													
625+34		USH 63	RT	-	-	6	-	-	-	-	1	-	1
709+08		USH 63	-	-	-	-	-	68	-	-	-	2	-
719+08		USH 63	RT	6	-	-	-	-	1	-	-	-	1
719+08		USH 63	LT	6	-	-	-	-	1	-	-	-	1
733+34		USH 63	LT	6	-	-	-	-	1	-	-	-	1
733+34		USH 63	RT	8	-	-	-	-	1	-	-	-	1
756+05		USH 63	LT	-	-	-	-	-	-	-	1	-	-
756+05		USH 63	RT	-	-	-	-	-	-	-	1	-	
760+84		USH 63	LT	-	8	-	-	-	-	1	-	-	1
760+84		USH 63	RT	-	6	-	-	-	-	1	-	-	1
780+00		USH 63	LT	-	-	-	44	-	-	-	-	-	2
780+00		USH 63	RT	-	-	-	16	-	-	-	-	-	2
795+52		USH 63	LT	20	-	-	-	-	1	-	-	-	1
795+52		USH 63	RT	12	-	-	-	-	1	-	-	-	1
813+04		USH 63	LT	20	-	-	-	-	1	-	-	-	1
813+04		USH 63	RT	14	-	-	-	-	1	-	-	-	1
STAGE 1A TOTALS				92	14	6	60	68	8	2	3	2	15
STAGE 1B													
836+05		USH 63	LT	-	16	-	-	-	-	-	-	-	1
STAGE 1B TOTALS				0	16	0	0	0	0	0	0	0	1
TOTALS				92	30	6	60	68	8	2	3	2	16

CONCRETE CURB & GUTTER

STATION		STATION	LOCATION		601.0120 CONCRETE CURB TYPE J LF	601.0407 CONCRETE CURB & GUTTER 18-INCH TYPE D LF	601.0415 CONCRETE CURB & GUTTER 6-INCH SLOPED 30-INCH TYPE J LF	SPV.0090.12 CONCRETE CURB & GUTTER 20-INCH TYPE J SPECIAL LF	650.5500 CONSTRUCTION STAKING CURB AND GUTTER LF	SPV.0090.02 CURE AND SEAL TREATMENT CONCRETE CURB AND GUTTER LF	COMMENTS
CAT. 0010											
STAGE 1A											
1038	-	1082	'D'	LT	-	-	44	-	44	44	ISLAND
1035	-	1083	'D'	LT	75	-	-	-	75	75	ISLAND
STAGE 1A TOTALS					75	0	44	0	119	119	
STAGE 3											
846+05	-	847+27	USH 63	LT	-	121	-	-	121	121	CAFÉ PARKING
STAGE 3 TOTALS						121	0	0	121	121	
STAGE 4											
856+27	-	856+93	USH 63	-	-	-	-	134	134	134	ISLAND
860+16	-	860+78	USH 63	-	-	-	-	125	125	125	ISLAND
861+57	-	862+55	USH 63	-	-	-	199	-	199	199	ISLAND
864+49	-	865+15	USH 63	-	-	-	-	134	134	134	ISLAND
STAGE 4 TOTALS					0	0	199	393	592	592	
TOTALS					75	121	243	393	832	832	

CONCRETE CURB PEDESTRIAN

STATION		STATION	LOCATION		601.0600 CONCRETE CURB PEDESTRIAN LF	650.5500 CONSTRUCTION STAKING CURB AND GUTTER LF	SPV.0090.02 CURE AND SEAL TREATMENT, CONCRETE CURB AND GUTTER LF
CAT. 0010							
STAGE 3							
853+34	-	853+52	USH 63	LT	18	18	18
853+91	-	854+75	USH 63	LT	84	84	84
861+65	-	862+03	USH 63	LT	41	41	41
PROJECT TOTAL					143	143	143

CULVERT PIPE LINERS

STATION	LOCATION	520.9700.S.1 CULVERT PIPE LINERS 24-INCH LF	520.9700.S.2 CULVERT PIPE LINERS 36-INCH LF	520.9750.S CLEANING CULVERT PIPES FOR LINER VERIFICATION EACH
CAT. 0010				
STAGE 1A				
631+12	USH 63	104	-	1
756+05	USH 63	-	62	1
PROJECT TOTAL		104	62	2

CULVERT PIPE CORRUGATED STEEL

STATION	LOCATION	521.0112 CULVERT PIPE CORRUGATED STEEL 12-INCH LF	521.0118 CULVERT PIPE CORRUGATED STEEL 18-INCH LF	521.1012 APRON ENDWALLS FOR CULVERT PIPE STEEL 12-INCH EACH	521.1018 APRON ENDWALLS FOR CULVERT PIPE STEEL 18-INCH EACH	521.1024 APRON ENDWALLS FOR CULVERT PIPE STEEL 24-INCH EACH
CAT. 0010						
STAGE 1A						
9+40	'WN'	-	34	-	2	-
638+10	USH 63	-	-	-	-	2
656+59	USH 63	-	28	-	2	-
756+05	USH 63	-	-	-	-	-
5+65	'HT'	12	-	2	-	-
9+11	'HT'	-	76	-	2	-
795+55	USH 63	-	-	-	-	2
799+60	USH 63	-	36	-	2	-
11+25	'C1'	34	-	2	-	-
10+40	'T3'	-	24	-	2	
STAGE 1A TOTAL		46	198	4	10	4
STAGE 1B						
830+90	USH 63	-	12	-	1	-
10+57	'LA'	-	8	-	1	-
884+35	USH 63	-	58	-	2	-
STAGE 1B TOTAL		0	78	0	4	0
STAGE 2						
10+25	'SU'	42	-	2	-	-
STAGE 2 TOTAL		42	0	2	0	0
PROJECT TOTAL		88	276	6	14	4

* NOTE: ALL CULVERT PIPE CORRUGATED STEEL PIPE THICKNESS TO BE .064-INCHES

PRELIMINARY

CONCRETE CURB & GUTTER

STATION		STATION	LOCATION		601.0411 CONCRETE CURB & GUTTER 30-INCH TYPE D LF	601.0419 CONCRETE CURB & GUTTER 30-INCH TYPE L LF	601.0557 CONCRETE CURB & GUTTER 6-INCH SLOPED 36-INCH TYPE D LF	601.0580 CONCRETE CURB & CUTTER 4-INCH SLOPED 36-INCH TYPE R LF	650.5500 CONSTRUCTION STAKING CURB GUTTER AND CURB & GUTTER LF	SPV.0090.02 CURE AND SEAL TREATMENT CONCRETE CURB AND GUTTER LF
CAT. 0010										
STAGE 1A										
009+00	-	009+32	'HT'	RT	-	-	66	-	66	66
010+03	-	010+49	'D'	RT	-	-	57	-	57	57
009+22	-	009+86	'HT'	LT	-	-	79	-	79	79
010+62	-	010+97	'D'	LT	-	-	75	-	75	75
009+32	-	009+72	'SE'	RT	-	-	62	-	62	62
009+15	-	009+75	'SE'	LT	-	-	88	-	88	88
008+95	-	009+61	'PD'	RT	-	-	69	-	69	69
009+06	-	009+91	'PD'	LT	-	-	92	-	92	92
STAGE 1A TOTALS					0	0	588	0	588	588
STAGE 2										0
837+50	-	843+03	USH 63	RT	-	-	551	-	551	551
845+03	-	845+61	USH 63	RT	-	-	91	-	91	91
10+93	-	11+28	'WL'	RT	-	-	33	-	33	33
10+38	-	11+28	'WL'	LT	112	-	-	-	112	112
846+33	-	856+20	USH 63	RT	689	-	-	-	689	689
10+28	-	10+60	'P1'	RT	41	-	-	-	41	41
10+28	-	10+60	'P1'	LT	40	-	-	-	40	40
853+86	-	856+82	USH 63	RT	296	-	-	-	296	296
10+32	-	10+65	'P2'	RT	42	-	-	-	42	42
10+31	-	10+65	'P2'	LT	42	-	-	-	42	42
857+49	-	858+59	USH 63	RT	108	-	-	-	108	108
10+28	-	10+72	'P3'	RT	79	-	-	-	79	79
10+28	-	11+32	'P3'	LT	87	-	-	-	87	87
859+28	-	859+99	USH 63	RT	70	-	-	-	70	70
10+31	-	11+00	'P4'	RT	52	-	-	-	52	52
10+32	-	10+54	'P4'	LT	66	-	-	-	66	66
860+48	-	865+35	USH 63	RT	485	-	-	-	485	485
10+36	-	10+78	'P6'	RT	57	-	-	-	57	57
10+34	-	10+78	'P6'	LT	56	-	-	-	56	56
866+19	-	868+32	USH 63	RT	303	-	-	-	303	303
877+28	-	881+32	USH 63	RT	160	-	-	-	160	160
10+02	-	10+68	'B'	RT	81	-	-	-	81	81
10+51	-	10+83	'B'	LT	64	-	-	-	64	64
STAGE 2 TOTALS					2930	0	675	0	3605	3605

CONCRETE CURB & GUTTER CONT'D

STATION		STATION	LOCATION		601.0411 CONCRETE CURB & GUTTER 30-INCH TYPE D LF	601.0419 CONCRETE CURB & GUTTER 30-INCH TYPE L LF	601.0557 CONCRETE CURB & GUTTER 6-INCH SLOPED 36-INCH TYPE D LF	601.0580 CONCRETE CURB & CUTTER 4-INCH SLOPED 36-INCH TYPE R LF	650.5500 CONSTRUCTION STAKING CURB GUTTER AND CURB & GUTTER LF	SPV.0090.02 CURE AND SEAL TREATMENT CONCRETE CURB AND GUTTER LF	COMMENTS
CAT. 0010											
STAGE 3											
9+11	-	9+45	'1A'	RT	-	-	68	-	68	68	
9+11	-	9+95	'1A'	LT	88	-	-	-	88	88	
846+07	-	850+77	USH 63	LT	469	-	-	-	469	469	
849+30	-	849+40	USH 63	LT	10	-	-	-	10	10	2ND AVE
849+78	-	849+95	USH 63	LT	17	-	-	-	17	17	2ND AVE
9+48	-	9+76	'1S'	RT	42	-	-	-	42	42	
9+48	-	9+90	'1S'	LT	50	-	-	-	50	50	
851+60	-	855+10	USH 63	LT	350	-	-	-	350	350	
9+60	-	9+84	'P5'	RT	35	-	-	-	35	35	
9+60	-	9+84	'P5'	LT	35	-	-	-	35	35	
855+83	-	856+82	USH 63	LT	99	-	-	-	99	99	
9+30	-	9+65	'4A'	RT	51	-	-	-	51	51	
9+30	-	9+54	'4A'	LT	24	-	-	-	24	24	
9+5	-	9+97	'4A'		-	-	-	46	46	46	C.E.
857+3	-	8[illegible]0+68	US[illegible]63		30[illegible]	-	-	-	302	302	
9+30	-	9+47	'5A'		33	-	-	-	33	33	
9+58	-	9+84	'5A'		26	-	-	-	26	26	
851+5	-	851+82	USH 63		28	-	-	-	28	28	
861+8	-	864+67	USH 63		285	-	-	-	285	285	
8+64	-	9+23	'6A'	RT	111	-	-	-	111	111	
9+20	-	9+62	'6A'	LT	272	-	-	-	272	272	
865+79	-	866+21	USH 63	LT	49	-	-	-	49	49	
866+21	-	866+76	USH 63	LT	55	-	-	-	55	55	
866+76	-	868+55	USH 63	LT	-	179	-	-	179	179	
877+22	-	879+09	USH 63	LT	-	-	187	-	187	187	ISLAND
875+95	-	880+54	USH 63	LT	-	-	459	-	459	459	
STAGE 3 TOTALS					2431	179	714	46	3370	3370	
STAGE 4											
868+32	-	869+23	USH 63	RT	91	-	-	-	91	91	
10+25	-	10+55	'PG'	RT	45	-	-	-	45	45	
10+22	-	10+52	'PG'	LT	43	-	-	-	43	43	
870+07	-	873+96	USH 63	RT	389	-	-	-	389	389	
10+16	-	10+46	'PC'	RT	44	-	-	-	44	44	
10+16	-	10+46	'PC'	LT	44	-	-	-	44	44	
874+80	-	877+28	USH 63	RT	248	-	-	-	248	248	
STAGE 4 TOTALS					904	0	0	0	904	904	
CAT. 0010 TOTALS					6265	179	1977	46	8467	8467	
CAT. 0030											
STAGE 3											
56+88	-	57+77	'S1'	LT-RT	29	-	-	-	29	29	1ST ST
STAGE 3 TOTALS					29	0	0	0	29	29	
CAT. 0030 TOTALS					29	0	0	0	29	29	
TOTALS					6294	179	1977	46	8496	8496	

PRELIMINARY

CONCRETE SIDEWALK

STATION	-	STATION	LOCATION		305.0120 BASE AGGREGATE DENSE 1 1/4-INCH TON	416.0160 CONCRETE DRIVEWAY 6-INCH SY	602.0405 CONCRETE SIDEWALK 4-INCH SF	602.0415 CONCRETE SIDEWALK 6-INCH SF	COMMENTS
CAT. 0010									
STAGE 2									
861+47	-	862+15	USH 63	RT	10	-	416	-	CIRCLE WALK
861+82	-	862+03	USH 63	RT	3	-	126	-	-
862+05	-	862+16	USH 63	RT	1	-	39	-	NEW BENCH PAD
876+78	-	877+19	USH 63	RT	5	25	-	-	-
		STAGE 2 TOTALS			19	25	581	0	
STAGE 3									
847+25	-	847+70	USH 63	LT	5	25	-	-	-
857+46		858+18	USH 63	LT	14	-	-	575	-
857+78	-	858+21	USH 63	LT	5	23	-	-	-
858+18	-	859+00	USH 63	LT	10	-	418	-	-
859+01	-	859+36	USH 63	LT	5	-	-	188	-
858+97	-	859+40	USH 63	LT	2	11			
859+36	-	860+81	USH 63	LT	23	-	936	-	-
863+21	-	863+63	USH 63	LT	5	23	-	-	-
861+45	-	863+23	USH 63	LT	28	-	1173	-	-
863+23	-	863+61	USH 63	LT	4	-	-	186	-
863+61	-	864+34	USH 63	LT	26	-	1063	-	-
864+34	-	864+60	USH 63	LT	8	-	340	-	-
864+60	-	864+99	USH 63	LT	17				-
9+45	-	9+59	'1A'	LT	6		60	-	THROUGH THE WOODS CA ATIO
9+41	-	9+61	'1A'	LT	2		-	-	ROUGH THE OODS A
9+54	-	9+70	'4A'	LT	2				-
9+30	-	9+54	'4A'	LT	3		20	-	-
9+54	-	9+70	'4A'	LT	2		-	91	-
		STAGE 3 TOTALS			167	12	999		
		CAT. 0010 TOTALS			186	127	5580	1040	

CONCRETE SIDEWALK CONT'D

STATION	-	STATION	LOCATION		305.0120 BASE AGGREGATE DENSE 1 1/4-INCH TON	416.0160 CONCRETE DRIVEWAY 6-INCH SY	602.0405 CONCRETE SIDEWALK 4-INCH SF	602.0415 CONCRETE SIDEWALK 6-INCH SF	COMMENTS
CAT. 0020									
STAGE 2									
010+40	-	010+96	'WL'	LT	8	-	318	-	CONNECTION
849+30	-	849+38	USH 63	RT	4	-	185	-	CONNECTION
029+36	-	029+58	'SU'	RT	7	-	302	-	CONNECTION TO PARKING
856+77	-	856+82	USH 63	RT	2	-	78	-	CONNECTION
857+67	-	857+76	USH 63	RT	3	-	105	-	CONNECTION
860+59	-	860+92	USH 63	RT	17	-	693	-	CONNECION
862+89	-	864+74	USH 63	RT	27	-	1123	-	-
863+19	-	863+54	USH 63	RT	2	-	86	-	CONNECTION TO PARKING
10+14	-	10+27	'SU'	-	4	-	130	-	-
24+65	-	24+72	'SU'	-	2	-	70	-	-
25+08	-	25+17	'SU'	-	2	-	93	-	-
32+52	-	32+60	'SU'	-	2	-	75	-	-
32+90	-	32+97	'SU'	-	2	-	75	-	-
36+17	-	36+25	'SU'	-	2	-	73	-	-
36+54	-	36+62	'SU'	-	2	-	73	-	-
48+58	-	48+68	'SU'	-	3	-	100	-	-
48+93	-	49+03	'SU'	-	3	-	100	-	-
53+32	-	53+42	'SU'	-	3	-	94	-	-
+66	-	53+7	'SU'				100	-	-
+67	-	58+7	'SU'				93	-	-
+00	-	59+1	'SU'	-		-	92	-	-
+50	-	1+5	'SU'	-		-	76	-	-
		STAGE 2 TO			1 5	0	4134	0	
STAGE 3									
5+85	-	847+	USH 63	LT		-	1107	-	-
847+27	-	847+68	USH 63	LT	5	-	-	205	-
847+67	-	850+96	USH 63	LT	40	-	1662	-	-
848+98	-	849+37	USH 63	LT	9	-	360	-	CONNECTION TO '2A'
851+40	-	855+28	USH 63	LT	46	-	1923	-	-
855+67	-	856+99	USH 63	LT	23	-	949	-	-
		STAGE 3 TOTALS			150	0	6001	205	
STAGE 4									
856+77	-	856+82	USH 63	RT	-	-	-	25	ISLAND
860+60	-	860+65	USH 63	RT	-	-	-	25	ISLAND
861+91	-	861+96	USH 63	RT	-	-	-	65	ISLAND
864+68	-	864+73	USH 63	RT	-	-	-	25	ISLAND
		STAGE 4 TOTALS			0	0	0	140	
		CAT. 0020 TOTALS			255	0	10135	345	
CAT. 0030									
STAGE 2									
23+76	-	26+38	'W1'	-	7	-	291	-	-
		STAGE 2 TOTALS			7	-	291	-	
		CAT. 0030 TOTALS			7	0	291	0	
		TOTALS			448	127	16006	1385	

PRELIMINARY

DETECTABLE WARNING FIELD

STATION	LOCATION			602.0505 CURB RAMP DETECTABLE WARNING FIELD YELLOW SF
CAT. 0010				
STAGE 2				
846+29	USH 63	41.5'	RT	8
849+34	USH 63	30.5'	RT	8
856+79	USH 63	35.0'	RT	8
856+79	USH 63	5.0'	RT	8
856+79	USH 63	0.5'	RT	8
857+71	USH 63	32.5'	RT	8
860+62	USH 63	34.5'	RT	8
860+62	USH 63	5.0'	RT	8
860+62	USH 63	0.5'	RT	8
861+94	USH 63	34.5'	RT	8
861+94	USH 63	14.5'	RT	8
861+94	USH 63	1.5'	RT	8
864+71	USH 63	38.5'	RT	8
864+71	USH 63	9.5'	RT	8
864+71	USH 63	4.5'	RT	8
STAGE 2 SUBTOTAL				120
STAGE 3				
845+92	USH 63	26.5'	LT	8
845+92	USH 63	26.5'	LT	8
849+34	USH 63	18.5'	LT	8
849+34	USH 63	58.0'	LT	8
850+92	USH 63	26.0'	LT	8
851+44	USH 63	26.0'	LT	8
855+24	USH 63	26.0'	LT	8
855+69	USH 63	26.0'	LT	8
856+79	USH 63	18.5'	LT	8
856+97	USH 63	26.5'	LT	8
857+50	USH 63	28.5'	LT	8
857+71	USH 63	18.5'	LT	8
857+71	USH 63	18.5'	LT	8
860+62	USH 63	18.5'	LT	8
860+80	USH 63	27.0'	LT	8
861+66	USH 63	24.0'	LT	8
861+94	USH 63	18.5'	LT	8
864+71	USH 63	20.5'	LT	8
865+00	USH 63	91.0'	LT	8
865+41	USH 63	108.0'	LT	8
STAGE 3 TOTAL				152
CAT. 0010 TOTAL				272
CAT. 0020				
STAGE 2				
10+18	'SU'	0.0'	-	16
24+72	'SU'	0.0'	-	16
25+08	'SU'	0.0'	-	16
32+60	'SU'	0.0'	-	16
32+90	'SU'	0.0'	-	16
36+25	'SU'	0.0'	-	16
36+54	'SU'	0.0'	-	16
48+68	'SU'	0.0'	-	16
48+93	'SU'	0.0'	-	16
53+40	'SU'	0.0'	-	16
53+66	'SU'	0.0'	-	16
58+75	'SU'	0.0'	-	16
59+00	'SU'	0.0'	-	16
61+55	'SU'	0.0'	-	16
STAGE 2 SUBTOTAL				224
CAT. 0020 TOTAL				224
PROJECT TOTAL				496

CONCRETE SAFETY ISLANDS

STATION	- STATION	LOCATION	305.0120 BASE AGGREGATE DENSE 1 1/4-INCH TON	602.2400 CONCRETE SAFETY ISLANDS SF	COMMENTS
CAT. 0010					
STAGE 4					
789+32	- 789+54	USH 63 LT	11	460	CTH D
856+33	- 856+77	USH 63 RT	5	200	
856+82	- 856+87	USH 63 RT	1	22	
860+22	- 860+59	USH 63 RT	4	178	
860+64	- 860+72	USH 63 RT	1	32	
861+64	- 861+91	USH 63 RT	8	312	
861+96	- 862+49	USH 63 RT	13	536	
864+55	- 864+68	USH 63 RT	2	65	
864+73	- 865+10	USH 63 RT	6	243	
PROJECT TOTAL			51	2048	

PIPE UNDERDRAIN

STATION	- STATION	LOCATION	612.0204 PIPE UNDERDRAIN UNPERFORATED 4-INCH LF
CAT. 0010			
STAGE 3			
852+60	- 852+68	USH 63 LT	8
PROJECT TOTAL			8

CULVERT PIPE CORRUGATED POLYETHYLENE

STATION	LOCATION	530.0124 CULVERT PIPE CORRUGATED POLYETHYLENE 24-INCH LF
CAT. 0010		
STAGE 1A		
795+55	USH 63	34
PROJECT TOTAL		34

RIPRAP ITEMS

STATION	- STATION	LOCATION		606.0100 RIPRAP LIGHT CY	606.0200 RIPRAP MEDIUM CY	645.0130 GEOTEXTILE FABRIC TYPE R SY	645.0120 GEOTEXTILE FABRIC TYPE HR SY
CAT. 0010							
STAGE 1A							
625+18	- -	USH 63	RT	-	7	-	22
625+69	- -	USH 63	LT	-	7	-	22
631+12	- -	USH 63	LT	-	5	-	17
631+12	- -	USH 63	RT	-	5	-	17
638+10	- -	USH 63	LT	-	5	-	17
638+10	- -	USH 63	RT	-	5	-	17
646+71	- -	USH 63	RT	1	-	7	-
647+05	- -	USH 63	RT	1	-	7	-
656+43	- -	USH 63	RT	1	-	8	-
656+76	- -	USH 63	RT	1	-	9	-
656+65	- -	USH 63	LT	1	-	7	-
657+10	- -	USH 63	LT	1	-	8	-
659+69	- -	USH 63	LT	-	12	-	23
709+08	- -	USH 63	RT	-	12	-	35
709+08	- -	USH 63	LT	-	12	-	35
719+08	- -	USH 63	LT	-	5	-	17
719+08	- -	USH 63	RT	-	5	-	17
733+00	- -	USH 63	LT	1	-	7	-
733+53	- -	USH 63	RT	-	5	-	17
756+05	- -	USH 63	RT	-	3	-	11
756+05	- -	USH 63	LT	-	3	-	11
760+84	- -	USH 63	RT	-	6	-	20
760+84	- -	USH 63	LT	-	6	-	20
78[illegible]	- -	USH 63	[illegible]	-	41	-	107
78[illegible]+00	- -	USH 63	RT	-	32	-	80
79[illegible]+52	- -	USH 63	RT	-	2	-	8
79[illegible]	- -	USH 63	LT	-	2	-	8
79[illegible]+55	- -	USH 63	RT	-	4	-	16
79[illegible]+60	- -	USH 63	LT	3	-	13	-
79[illegible]+80	- -	USH 63	LT	3	-	13	-
9+40	- -	'WN'	LT	1	-	7	-
9+40	- -	'WN'	RT	1	-	7	-
9+00	- -	'HT'	RT	2	-	9	-
9+22	- -	'HT'	LT	2	-	9	-
10+50	- -	'D'	RT	2	-	10	-
10+85	- -	'D'	LT	2	-	10	-
STAGE 1A TOTALS				23	184	131	537
STAGE 2							
836+05	-	USH 63	RT	41	-	14	-
STAGE 2 TOTALS				41	0	14	0
STAGE 3							
833+94	- -	USH 63	LT	1	-	15	-
874+82	- -	USH 63	LT	1	-	7	-
875+95	- -	USH 63	LT	3	-	7	-
884+58	- -	USH 63	LT	1	-	16	-
3+50	- 3+61	'DP'	-	2	-	17	-
28+50	- 29+13	'BD'	-	-	196	-	393
STAGE 3 TOTALS				8	196	62	393
PROJECT TOTALS				72	380	207	930

PRELIMINARY

STORM SEWER PIPE

STATION	DESC.	LOCATION		STRUCT. NO.	INVERT ELEV.	INVERT ELEV.	TO STRUCT. NO.	SLOPE	608.0312 STORM SEWER PIPE REINFORCED CONCRETE CLASS III 12-INCH	608.0315 STORM SEWER PIPE REINFORCED CONCRETE CLASS III 15-INCH	608.0318 STORM SEWER PIPE REINFORCED CONCRETE CLASS III 18-INCH	608.0324 STORM SEWER PIPE REINFORCED CONCRETE CLASS III 24-INCH	608.0330 STORM SEWER PIPE REINFORCED CONCRETE CLASS III 30-INCH	608.0336 STORM SEWER PIPE REINFORCED CONCRETE CLASS III 36-INCH	608.0342 STORM SEWER PIPE REINFORCED CONCRETE CLASS III 42-INCH	608.0348 STORM SEWER PIPE REINFORCED CONCRETE CLASS III 48-INCH	522.1012 APRON ENDWALLS FOR CULVERT PIPE REINFORCED CONCRETE 12-INCH	522.1018 APRON ENDWALLS FOR CULVERT PIPE REINFORCED CONCRETE 18-INCH	522.1030 APRON ENDWALLS FOR CULVERT PIPE REINFORCED CONCRETE 30-INCH	522.1048 APRON ENDWALLS FOR CULVERT PIPE REINFORCED CONCRETE 48-INCH	520.8000 CONCRETE COLLAR
					FT	FT		%	LF	LF	LF	LF	LF	LF	LF	LF	EACH	EACH	EACH	EACH	EACH
CAT. 0010																					
STAGE 1A																					
10+81.5	'D'	61.0	LT	S152	1232.53	1232.82	S151	0.50	-	-	57	-	-	-	-	-	-	1	-	-	-
10+50.0	'D'	15.5	LT	S151	1232.84	1233.12	S150	0.50	-	-	60	-	-	-	-	-	-	1	-	-	-
09+58.8	'PD'	2.4	LT	S161	1229.55	1230.16	S160	1.00	-	-	65	-	-	-	-	-	-	-	-	-	-
STAGE1A TOTALS									0	0	182	0	0	0	0	0	0	2	0	0	0
STAGE 2																					
836+05.0	USH63	87.0	RT	S172			S171	0.50	-	-	-	-	31	-	-	-	-	-	1	-	-
836+05.0	USH63	56.0	RT	S172			COLLAR	1.90	-	-	-	-	87	-	-	-	-	-	-	-	1
846+40.0	USH63	48.0	RT	S6	1237.86	-	COLLAR	1.98	-	-	-	53	-	-	-	-	-	-	-	-	-
846+40.0	USH63	48.0	RT	S6	1237.76	1235.79	S7	-1.50	-	-	-	136	-	-	-	-	-	-	-	-	-
847+75.0	USH63	36.5	RT	S7	1237.67	1238.67	S30	2.00	54	-	-	-	-	-	-	-	-	-	-	-	-
847+75.0	USH63	36.5	RT	S7	1235.71	1232.80	S8	-2.08	-	-	-	145	-	-	-	-	-	-	-	-	-
849+19.0	USH63	36.5	RT	S8	1232.77	1232.79	S42	0.79	-	-	-	7	-	-	-	-	-	-	-	-	-
849+19.0	USH63	29.5	RT	S42	1232.81	1233.03	S41	0.50	-	-	-	47	-	-	-	-	-	-	-	-	-
849+19.0	USH63	17.5	LT	S41	1233.12	1234.55	S40	5.08	-	-	-	32	-	-	-	-	-	-	-	-	-
849+18.8	USH63	49.7	LT	S40	-	-	COLLAR	-	6	-	-	-	-	-	-	-	-	-	-	-	1
849+18.8	USH63	49.7	LT	S40	-	-	COLLAR	-	-	6	-	-	-	-	-	-	-	-	-	-	1
849+19.0	USH63	36.5	RT	S8	1232.22	1230.55	S9	-0.60	-	-	-	-	285	-	-	-	-	-	-	-	-
852+04.0	USH63	36.5	RT	S9	1234.21	1235.05	S51	1.70	54	-	-	-	-	-	-	-	-	-	-	-	-
852+04.0	USH63	17.5	LT	S51	-	-	247	-	6	-	-	-	-	-	-	-	-	-	-	-	-
852+04.0	USH63	36.5	RT	S9	1230.52	1230.06	S10	-0.50	-	-	-	-	97	-	-	-	-	-	-	-	-
853+00.6	USH63	44.0	RT	S10	1231.66	1231.82	S62	2.00	-	-	-	-	15	-	-	-	-	-	-	-	-
853+00.6	USH63	29.5	RT	S62	1232.41	1232.83	S61	1.00	-	-	-	48	-	-	-	-	-	-	-	-	-
853+00.6	USH63	44.0	RT	S10	1229.53	1227.70	S11	-0.50	-	-	-	-	-	-	373	-	-	-	-	-	-
853+00.6	USH63	29.5	RT	S62	1233.54	1234.36	S600	1.00	87	-	-	-	-	-	-	-	-	-	-	-	-
856+73.1	USH63	45.0	RT	S11	1230.65	1230.74	S75	2.00	-	-	-	-	-	1	-	-	-	-	-	-	-
856+73.1	USH63	33.5	RT	S75	1230.86	1231.76	S73	2.00	-	-	-	-	-	5	-	-	-	-	-	-	-
856+73.1	USH63	17.5	LT	S73	-	-	227	-	-	-	-	-	-	-	-	-	-	-	-	-	-
856+73.1	USH63	45.0	RT	S11	1227.16	1226.30	S12	-0.51	-	-	-	-	-	-	-	17	-	-	-	-	-
857+79.0	USH63	31.1	RT	S802	1232.34	1232.80	S801	1.00	-	49	-	-	-	-	-	-	-	-	-	-	-
857+79.0	USH63	31.1	RT	S802	1232.30	1232.21	S803	-1.50	-	10	-	-	-	-	-	-	-	-	-	-	-
858+54.0	USH63	50.0	RT	S12	1226.26	1224.67	S14	-0.50	-	-	-	-	-	-	-	325	-	-	-	-	-
858+54.0	USH63	29.5	RT	S84	1231.24	1232.16	S803	1.50	-	64	-	-	-	-	-	-	-	-	-	-	-
858+54.0	USH63	29.5	RT	S84	1231.80	1232.95	S810	2.00	61	-	-	-	-	-	-	-	-	-	-	-	-
858+54.0	USH63	29.5	RT	S84	1231.28	1232.75	S83	3.47	-	47	-	-	-	-	-	-	-	-	-	-	-
860+09.1	USH63	42.2	RT	S100	1233.70	1233.43	S101	-0.70	42	-	-	-	-	-	-	-	-	-	-	-	-
860+50.5	USH63	33.5	RT	S101	1233.41	1233.16	S102	-0.70	39	-	-	-	-	-	-	-	-	-	-	-	-
860+50.5	USH63	33.5	RT	S101	1233.46	-	COLLAR	2.66	29	-	-	-	-	-	-	-	-	-	-	-	-
860+90.0	USH63	33.5	RT	S102	1233.10	1232.45	S902	-0.70	97	-	-	-	-	-	-	-	-	-	-	-	-
861+85.5	USH63	42.0	RT	S14	1232.34	1232.40	S902	2.00	9	-	-	-	-	-	-	-	-	-	-	-	-
861+87.2	USH63	33.5	RT	S902	1232.47	1233.68	S901	2.56	51	-	-	-	-	-	-	-	-	-	-	-	-
861+85.5	USH63	42.0	RT	S14	1224.63	1222.46	S16	-0.50	-	-	-	-	-	-	-	442	-	-	-	-	-
864+63.3	USH63	37.4	RT	S111	1230.72	-	COLLAR	0.62	28	-	-	-	-	-	-	-	-	-	-	-	-
864+63.3	USH63	37.4	RT	S111	1230.70	1230.25	S112	-0.68	69	-	-	-	-	-	-	-	-	-	-	-	-
865+33.0	USH63	37.4	RT	S112	1230.23	1229.64	S17	-0.63	99	-	-	-	-	-	-	-	-	-	-	-	-
866+28.0	USH63	50.0	RT	S16	1222.41	1222.22	S17	-2.00	-	-	-	-	-	-	-	15	-	-	-	-	-
866+32.0	USH63	35.5	RT	S17	1222.10	1218.12	S18	-1.12	-	-	-	-	-	-	-	363	-	-	-	-	-
6+96.9	'6A'	23.0	LT	S18	1215.64	1215.57	S19	-1.00	-	-	-	-	-	-	-	14	-	-	-	-	-
6+96.9	'6A'	37.5	LT	S19	1215.25	1199.21	S19.1	-8.40	-	-	-	-	-	-	-	198	-	-	-	-	-
27+43.0	'BD'	0.0	-	S19.1	1197.84	1177.68	S19.2	-26.50	-	-	-	-	-	-	-	84	-	-	-	-	-
28+26.7	'BD'	0.0	-	S19.2	1168.19	1168.07	AEW	-0.75	-	-	-	-	-	-	-	21	-	-	-	1	-
868+48.6	USH63	29.8	RT	S121	1228.65	-	COLLAR	0.50	26	-	-	-	-	-	-	-	-	-	-	-	-
868+48.6	USH63	29.8	RT	S121	1228.64	1228.35	S122	-0.50	61	-	-	-	-	-	-	-	-	-	-	-	-
869+09.4	USH63	27.2	RT	S122	1227.82	1226.97	S21	-1.00	-	-	90	-	-	-	-	-	-	-	-	-	-
869+99.2	USH63	28.3	RT	S21	1226.92	1226.28	S22	-1.00	-	-	64	-	-	-	-	-	-	1	-	-	-
869+99.2	USH63	28.3	RT	S21	1228.46	1228.70	S131	4.00	12	-	-	-	-	-	-	-	-	-	-	-	-
870+08.9	USH63	23.5	RT	S131	1228.80	1229.18	S130	1.00	41	-	-	-	-	-	-	-	-	-	-	-	-
874+82.0	USH63	17.5	RT	S190	1232.62	-	COLLAR	-0.75	18	-	-	-	-	-	-	-	-	-	-	-	-
STAGE 2 TOTALS									889	182	154	468	515	63	373	1639	0	1	1	1	3

PRELIMINARY

STORM SEWER PIPE CONT'D

STATION	DESC.	LOCATION		STRUCT. NO.	INVERT ELEV. FT	INVERT ELEV. FT	TO STRUCT. NO.	SLOPE %	608.0312 STORM SEWER PIPE REINFORCED CONCRETE CLASS III 12-INCH LF	608.0315 STORM SEWER PIPE REINFORCED CONCRETE CLASS III 15-INCH LF	608.0318 STORM SEWER PIPE REINFORCED CONCRETE CLASS III 18-INCH LF	608.0324 STORM SEWER PIPE REINFORCED CONCRETE CLASS III 24-INCH LF	608.0330 STORM SEWER PIPE REINFORCED CONCRETE CLASS III 30-INCH LF	608.0336 STORM SEWER PIPE REINFORCED CONCRETE CLASS III 36-INCH LF	608.0342 STORM SEWER PIPE REINFORCED CONCRETE CLASS III 42-INCH LF	608.0348 STORM SEWER PIPE REINFORCED CONCRETE CLASS III 48-INCH LF	522.1012 APRON ENDWALLS FOR CULVERT PIPE REINFORCED CONCRETE 12-INCH EACH	522.1018 APRON ENDWALLS FOR CULVERT PIPE REINFORCED CONCRETE 18-INCH EACH	522.1030 APRON ENDWALLS FOR CULVERT PIPE REINFORCED CONCRETE 30-INCH EACH	522.1048 APRON ENDWALLS FOR CULVERT PIPE REINFORCED CONCRETE 48-INCH EACH	520.8000 CONCRETE COLLAR EACH
CAT. 0010																					
STAGE 3																					
836+05.0	USH 63	-50	LT	S170			COLLAR	-1.9	-	-	-	-	19	-	-	-	-	-	-	-	-
845+20.7	USH 63	48.5	LT	S4	1241.18	1240.47	S4.1	-4.52	-	-	-	12	-	-	-	-	-	-	-	-	-
845+30.4	USH 63	40.9	LT	S4.1	1240.27	1239.82	S5	-1.01	-	-	-	54	-	-	-	-	-	-	-	-	-
845+83.8	USH 63	33.1	LT	S5	1238.69	-	COLLAR	-1.98	-	-	-	46	-	-	-	-	-	-	-	-	-
850+75.4	USH 63	17.5	LT	S50	1236.02	1235.09	S51	-0.74	129	-	-	-	-	-	-	-	-	-	-	-	-
853+10.5	USH 63	17.5	LT	S61	1232.92	1233.11	S60	2.00	-	-	-	16	-	-	-	-	-	-	-	-	-
853+10.5	USH 63	17.5	LT	S61	1234.26	1234.37	S611	2.00	10	-	-	-	-	-	-	-	-	-	-	-	-
853+00.6	USH 63	17.5	LT	S611	1234.48	1236.50	S610	5.08	43	-	-	-	-	-	-	-	-	-	-	-	-
853+19.5	USH 63	30.2	LT	S60	1234.62	1236.34	S59	12.37	19	-	-	-	-	-	-	-	-	-	-	-	-
855+08.0	USH 63	17.5	LT	S700	1234.79	1234.19	S701	-0.53	117	-	-	-	-	-	-	-	-	-	-	-	-
856+25.1	USH 63	17.5	LT	S701	1234.17	1233.94	S73	-0.60	48	-	-	-	-	-	-	-	-	-	-	-	-
856+73.1	USH 63	17.5	LT	S73	1232.00	1233.75	S71	5.28	-	-	-	-	37	-	-	-	-	-	-	-	-
856+73.1	USH 63	17.5	LT	S73	1233.91	1233.95	S702	0.54	13	-	-	-	-	-	-	-	-	-	-	-	-
856+98.7	USH 63	44.4	LT	S71	1233.83	1234.27	S70	1.25	-	-	-	-	41	-	-	-	-	-	-	-	-
857+83.7	USH 63	17.5	LT	S801	1232.84	1232.90	S800	1.00	-	10	-	-	-	-	-	-	-	-	-	-	-
858+54.0	USH 63	17.5	LT	S83	1233.37	1233.78	S82	0.73	-	-	62	-	-	-	-	-	-	-	-	-	-
859+15.3	USH 63	17.5	LT	S82	1234.56	1236.13	S81	9.03	22	-	-	-	-	-	-	-	-	-	-	-	-
859+33.0	USH 63	30.1	LT	S81	1236.30	1236.47	S80	1.00	17	-	-	-	-	-	-	-	-	-	-	-	-
860+77.5	USH 63	21.6	LT	S91	1235.00	-	COLLAR	-2.66	32	-	-	-	-	-	-	-	-	-	-	-	-
860+79.1	USH 63	40.5	LT	S90	1235.21	1235.07	S91	-0.95	19	-	-	-	-	-	-	-	-	-	-	-	-
861+60.5	USH 63	27.6	LT	S900	1234.09	1233.78	S901	-1.47	26	-	-	-	-	-	-	-	-	-	-	-	-
864+17.6	USH 63	18.6	LT	S109	1231.39	1231.07	S110	-0.72	46	-	-	-	-	-	-	-	-	-	-	-	-
864+64.9	USH 63	19.5	LT	S110	1231.05	-	COLLAR	-0.62	29	-	-	-	-	-	-	-	-	-	-	-	-
868+48.6	USH 63	25.5	LT	S120	1228.91	-	COLLAR	-0.50	25	-	-	-	-	-	-	-	-	-	-	-	-
874+82.0	USH 63	39.0	LT	S191	1233.44	-	COLLAR	0.75	39	-	-	-	-	-	-	-	-	-	-	-	-
STAGE 3 TOTALS									638	1[illegible]	62	12[illegible]	[illegible]	0	0	0	1	0	0	0	0
CAT. 0010 TOTALS									[illegible]	[illegible]92	398	59[illegible]	[illegible]12	63	[illegible]373	1[illegible]	1	3	1	1	3
CAT. 0020																					
STAGE 2																					
836+05.0	USH 63	87.0	RT	S172			S171	0.50	-	-	-	-	31	-	-	-	-	-	-	-	-
STAGE 2 TOTALS									-	-	-	-	31	-	-	-	-	-	-	-	-
CAT. 0020 TOTALS									0	0	0	0	31	0	0	0	0	0	0	0	0
TOTALS									1527	192	398	596	643	63	373	1639	1	3	1	1	3

PRELIMINARY

RECONSTRUCTING CATCH BASINS, MANHOLES AND INLETS

STATION	DESC.	LOCATION		STRUCT. NO.	611.0410 RECONSTRUCTING CATCH BASINS EACH	611.0420 RECONSTRUCTING MANHOLES EACH	611.0430 RECONSTRUCTING INLETS EACH
CAT. 0010							
STAGE 1A							
09+58.8	'PD'	2.43	LT	S161	-	1	-
STAGE 1A TOTALS					0	1	0
STAGE 2							
852+04.0	USH 63	22	LT	E247	-	1	-
856+70.0	USH 63	22	LT	E227	-	-	1
STAGE 2 TOTALS					0	1	1
STAGE 3							
852+04.0	USH 63	17.5	LT	S51	1	-	-
856+73.1	USH 63	17.5	LT	S73	1	-	-
STAGE 3 TOTALS					2	0	0
PROJECT TOTALS					2	2	1

INLET COVERS TYPE S

STATION	LOCATION	611.0651 INLET COVERS TYPE S EACH	611.8115 ADJUSTING INLET COVERS	COMMENTS
CAT. 0010				
STAGE 1B				
852+04	USH 63 21.7 LT	1	-	TEMP. WIDENING
853+20	USH 63 29.4 LT	-	1	TEMP. WIDENING
853+24	USH 63 21.8 LT	1	-	TEMP. WIDENING
856+70	USH 63 22.1 LT	1	-	TEMP. WIDENING
857+70	USH 63 21.7 LT	1	-	TEMP. WIDENING
STAGE 1B TOTALS		4	1	
STAGE 2				
868+49	USH 63 29.8 RT	1	-	TEMP. WIDENING
869+09	USH 63 27.2 RT	1	-	TEMP. WIDENING
870+09	USH 63 23.5 RT	1	-	TEMP. WIDENING
870+50	USH 63 21.9 RT	1	-	TEMP. WIDENING
STAGE 1B TOTALS		4	0	
TOTALS		8	1	

INSULATION BOARD

STATION	LOCATION	-	STATION	LOCATION		612.0902.S.01 INSULATION BOARD POLYSTYRENE (2-INCH) SY
CAT. 0010						
845+86	30.0 LT	-	846+91	23.0 LT	USH 63	7
849+15	23.0 LT	-	849+23	23.0 LT	USH 63	7
859+19	17.0 LT	-	859+27	17.0 LT	USH 63	7
859+41	44.0 RT	-	859+49	44.0 RT	USH 63	7
861+07	40.0 RT	-	861+15	41.0 RT	USH 63	7
CAT. 0010 TOTAL						35
CAT. 0030						
52+74	0.0 RT	-	57+78	0.0 RT	'S1'	156
CAT. 0030 TOTAL						156
PROJECT TOTAL						191

STORM SEWER STRUCTURES

STATION	DESC.	LOCATION		STRUCT. NO.	GRATE / RIM ELE. FT	INVERT INLET ELE FT	INVERT DISCH. ELE FT	STRUCT. HEIGHT FT	611.1230 CATCH BASINS 2X3-FT EACH	611.1003 CATCH BASINS 3-FT DIAMETER EACH	611.1004 CATCH BASINS 4-FT DIAMETER EACH	611.1005 CATCH BASINS 5-FT DIAMETER EACH	611.1006 CATCH BASINS 6-FT DIAMETER EACH	611.2007 MANHOLES TYPE 7-FT DIAMETER EACH	611.2008 MANHOLES TYPE 8-FT DIAMETER EACH	611.2066 MANHOLES 6x6-FT EACH	611.3220 INLETS 2X2-FT EACH	611.3901 INLETS MEDIAN 1 GRATE EACH	611.3902 INLETS MEDIAN 2 GRATE EACH	611.3903 INLET MEDIAN 3 GRATE EACH
CAT 0010																				
STAGE 1A																				
10+81.5	'D'	61	LT	S152	-	1232.53	-	AEW	-	-	-	-	-	-	-	-	-	-	-	-
10+50.0	'D'	15.5	LT	S151	1237.20	1232.84	1232.82	3.76	1	-	-	-	-	-	-	-	-	-	-	-
10+50.0	'D'	48	RT	S150	-	1233.12	-	AEW	-	-	-	-	-	-	-	-	-	-	-	-
9+57.7	'PD'	67.3	LT	S160	1232.80	-	1229.55	3.46	-	-	-	-	-	-	-	-	-	1	-	-
					STAGE 1A TOTALS				1	0	0	0	0	0	0	0	0	1	0	0
STAGE 2																				
836+05.0	USH 63	56	RT	S171	1242.50	1238.22	1238.20	4.59	-	-	-	-	-	-	-	-	-	-	1	-
846+40.0	USH 63	48	RT	S6	1243.13	1237.86	1237.76	6.13	-	-	-	1	-	-	-	-	-	-	-	-
847+75.0	USH 63	36.5	RT	S7	1242.79	1235.79	1235.71	7.84	-	-	1	-	-	-	-	-	-	-	-	-
849+19.0	USH 63	36.5	RT	S8	1241.44	1232.80	1232.22	9.98	-	-	-	1	-	-	-	-	-	-	-	-
849+19.0	USH 63	29.5	RT	S42	1240.63	1232.81	1232.79	9.01	1	-	-	-	-	-	-	-	-	-	-	-
849+19.0	USH 63	17.5	LT	S41	1240.87	1233.12	1233.03	9.01	1	-	-	-	-	-	-	-	-	-	-	-
849+18.8	USH 63	49.7	LT	S40	1242.28	1242.07	1234.55	8.49	-	-	-	1	-	-	-	-	-	-	-	-
852+04.0	USH 63	36.5	RT	S9	1239.02	1230.55	1230.52	9.26	-	-	-	1	-	-	-	-	-	-	-	-
852+04.0	USH 63	17.5	LT	S51	1238.46	1235.09	1235.05	4.58	1	-	-	-	-	-	-	-	-	-	-	-
853+00.5	USH 63	44.0	RT	S10	1236.94	1230.06	1229.53	8.17	-	-	-	-	1	-	-	-	-	-	-	-
853+00.6	USH 63	29.5	RT	S62	1238.00	1232.41	1231.82	7.35	-	-	-	1	-	-	-	-	-	-	-	-
853+87.7	USH 63	29.5	RT	S600	1238.18	-	1234.36	4.99	1	-	-	-	-	-	-	-	-	-	-	-
856+73.1	USH 63	45.0	RT	S11	1237.74	1227.70	1227.16	11.75	-	-	-	-	-	1	-	-	-	-	-	-
856+73.1	USH 63	35.5	RT	S75	1237.21	1230.80	1230.4	7.64	-	-	-	1	-	-	-	-	-	-	-	-
856+73.1	USH 63	17.5	LT	S73	1237.96	1232.00	1231.6	7.37	-	-	-	-	1	-	-	-	-	-	-	-
857+79.0	USH 63	31.1	RT	S802	1236.63	1232.34	1232.0	5.50	1	-	-	-	-	-	-	-	-	-	-	-
857+88.7	USH 63	30.8	RT	S803	1236.64	1232.21	1232.6	5.65	1	-	-	-	-	-	-	-	-	-	-	-
858+54.0	USH 63	50.0	RT	S12	1238.55	1226.30	1226.6	13.46	-	-	-	-	-	1	-	-	-	-	-	-
858+54.0	USH 63	29.5	RT	S84	1237.75	1231.28	1231.0	7.73	-	-	-	-	-	-	-	-	-	-	-	-
859+14.9	USH 63	38.6	RT	S810	1236.98	-	1232.95	5.20	1	-	-	-	-	-	-	-	-	-	-	-
860+09.1	USH 63	42.2	RT	S100	1237.71	-	1233.70	5.18	1	-	-	-	-	-	-	-	-	-	-	-
860+50.5	USH 63	33.5	RT	S101	1237.97	1233.43	1233.41	5.73	1	-	-	-	-	-	-	-	-	-	-	-
860+90.0	USH 63	33.5	RT	S102	1237.85	1233.16	1233.10	5.92	1	-	-	-	-	-	-	-	-	-	-	-
861+85.5	USH 63	42.0	RT	S14	1238.50	1224.67	1224.63	15.04	-	-	-	-	-	1	-	-	-	-	-	-
861+87.2	USH 63	33.5	RT	S902	1237.10	1232.47	1232.40	5.87	1	-	-	-	-	-	-	-	-	-	-	-
864+63.3	USH 63	37.4	RT	S111	1234.71	1230.72	1230.70	5.18	1	-	-	-	-	-	-	-	-	-	-	-
865+33.0	USH 63	37.4	RT	S112	1234.24	1230.25	1230.23	5.18	1	-	-	-	-	-	-	-	-	-	-	-
6+96.9	'6A'	23.0	LT	S18	1227.44	1218.12	1215.64	12.97	-	-	-	-	-	-	-	1	-	-	-	-
6+96.9	'6A'	37.5	LT	S19	1226.16	1257.57	1215.25	12.91	-	-	-	-	-	-	-	-	-	-	1	-
27+43.0	'BD'	0.0	-	S19.1	1206.20	1199.21	1197.84	9.12	-	-	-	-	-	1	-	-	-	-	-	-
28+26.7	'BD'	0.0	-	S19.2	1185.83	1177.68	1168.19	18.40	-	-	-	-	-	-	-	1	-	-	-	-
866+28.0	USH 63	50.0	RT	S16	1235.04	1222.47	1222.36	13.85	-	-	-	-	-	-	1	-	-	-	-	-
866+32.0	USH 63	35.5	RT	S17	1233.62	1222.22	1222.10	12.69	-	-	-	-	-	1	-	-	-	-	-	-
868+48.6	USH 63	29.8	RT	S121	1232.63	1228.65	1228.64	5.16	1	-	-	-	-	-	-	-	-	-	-	-
869+09.4	USH 63	27.2	RT	S122	1232.58	1228.35	1227.82	5.93	1	-	-	-	-	-	-	-	-	-	-	-
869+99.2	USH 63	28.3	RT	S21	1233.79	1226.97	1226.92	8.04	-	-	1	-	-	-	-	-	-	-	-	-
870+08.9	USH 63	23.5	RT	S131	1233.04	1228.80	1228.70	5.51	1	-	-	-	-	-	-	-	-	-	-	-
870+50.0	USH 63	21.9	RT	S130	1233.19	-	1229.18	5.18	1	-	-	-	-	-	-	-	-	-	-	-
874+82.0	USH 63	17.5	RT	S190	1236.63	-	1232.62	5.18	1	-	-	-	-	-	-	-	-	-	-	-
					STAGE 2 SUBTOTALS				18	0	3	6	2	5	1	2	0	0	2	0

PRELIMINARY

STORM SEWER STRUCTURES CONT'D

STATION	DESC.	LOCATION		STRUCT. NO.	GRATE / RIM ELE. FT	INVERT INLET ELE FT	INVERT DISCH. ELE FT	STRUCT. HEIGHT FT	611.1230 CATCH BASINS 2X3-FT EACH	611.1003 CATCH BASINS 3-FT DIAMETER EACH	611.1004 CATCH BASINS 4-FT DIAMETER EACH	611.1005 CATCH BASINS 5-FT DIAMETER EACH	611.1006 CATCH BASINS 6-FT DIAMETER EACH	611.2007 MANHOLES TYPE 7-FT DIAMETER EACH	611.2008 MANHOLES TYPE 8-FT DIAMETER EACH	611.2066 MANHOLES 6x6-FT EACH	611.3220 INLETS 2X2-FT EACH	611.3901 INLETS MEDIAN 1 GRATE EACH	611.3902 INLETS MEDIAN 2 GRATE EACH	611.3903 INLET MEDIAN 3 GRATE EACH
CAT 0010 STAGE 3																				
836+05.0	USH 63	50	LT	S170	1244.00	-	1238.73	5.56	-	-	-	-	-	-	-	-	-	-	1	-
845+20.7	USH 63	48.5	LT	S4	1241.26	-	1240.85	-	-	-	-	-	-	-	-	-	-	-	-	1
845+30.4	USH 63	40.9	LT	S4.1	1244.21	1240.47	1240.27	5.11	-	-	1	-	-	-	-	-	-	-	-	-
845+83.8	USH 63	33.1	LT	S5	1243.99	1240.27	1239.69	5.47	-	-	-	1	-	-	-	-	-	-	-	-
847+75.0	USH 63	17.5	LT	S30	1242.21	-	1238.67	4.71	1	-	-	-	-	-	-	-	-	-	-	-
850+75.4	USH 63	17.5	LT	S50	1239.41	-	1236.02	4.56	1	-	-	-	-	-	-	-	-	-	-	-
852+60.0	USH 63	32.8	LT	S610	1238.60	-	1236.50	2.27	-	-	-	-	-	-	-	-	-	1	-	-
853+00.6	USH 63	17.5	LT	S611	1238.24	1234.48	1234.37	5.04	1	-	-	-	-	-	-	-	-	-	-	-
853+10.5	USH 63	17.5	LT	S61	1238.25	1232.92	1232.83	6.59	-	-	-	1	-	-	-	-	-	-	-	-
853+19.5	USH 63	30.2	LT	S60	1237.84	1234.60	1233.11	5.49	-	-	-	1	-	-	-	-	-	-	-	-
853+38.1	USH 63	30.0	LT	S59	1239.55	-	1236.34	3.96	-	-	-	-	-	-	-	-	1	-	-	-
855+08.0	USH 6		LT	S7	[illegible]60		[illegible]79	4.98	1	-	-	-	-	-	-	-	-	-	-	-
856+25.1	USH 6	17.5	L	S7	1238.	12	.19	1234.17	5.18	1	-	-	-	-	-	-	-	-	-	-
856+85.5	USH 6	17.8	L	S7	1237			1233.95	5.18	1	-	-	-	-	-	-	-	-	-	-
856+98.7	USH 6		L	S	[illegible]82	12		[illegible]75	6.04	-	-	-	-	-	-	-	-	-	-	-
857+36.3	USH 6	59.4	LT	S	12[illegible]94	12	40	1234.27	5.84	-	-	-	-	1	-	-	-	-	-	-
857+83.7	USH 6	17.5	LT	S8	1237	12	.84	1232.80	6.09	1	-	-	-	-	-	-	-	-	-	-
857+93.7	USH 6	17.5	LT	S8	1237.7		00			1	-	-	-	-	-	-	-	-	-	-
858+54.0	USH 63	17.5	LT	S83	1237.89	1233.37	1232.75	6.31	1	-	-	-	-	-	-	-	-	-	-	-
859+15.3	USH 63	17.5	LT	S82	1238.30	1234.56	1233.78	5.69	-	-	1	-	-	-	-	-	-	-	-	-
859+24.2	USH 63	45.0	LT	S80	1239.18	-	1236.47	3.88	1	-	-	-	-	-	-	-	-	-	-	-
859+33.0	USH 63	30.1	LT	S81	1239.00	1236.30	1236.13	4.04	1	-	-	-	-	-	-	-	-	-	-	-
860+77.5	USH 63	21.6	LT	S91	1239.05	1235.07	1235.00	5.22	-	1	-	-	-	-	-	-	-	-	-	-
860+79.1	USH 63	40.5	LT	S90	1239.23	-	1235.21	5.19	-	1	-	-	-	-	-	-	-	-	-	-
861+60.5	USH 63	27.6	LT	S900	1238.12	-	1234.09	5.20	-	1	-	-	-	-	-	-	-	-	-	-
861+84.2	USH 63	17.5	LT	S901	1237.75	1233.78	1233.68	5.24	1	-	-	-	-	-	-	-	-	-	-	-
864+17.6	USH 63	18.6	LT	S109	1235.40	-	1231.39	5.18	1	-	-	-	-	-	-	-	-	-	-	-
864+64.9	USH 63	19.5	LT	S110	1235.41	1231.07	1231.05	5.53	1	-	-	-	-	-	-	-	-	-	-	-
868+48.6	USH 63	25.5	LT	S120	1232.92		1228.91	5.18	1	-	-	-	-	-	-	-	-	-	-	-
							STAGE 3 TOTALS		15	3	2	4	1	0	0	0	1	1	1	1
							CAT. 0010 TOTALS		34	3	5	10	3	5	1	2	1	2	3	1
CAT 0020 STAGE 2																				
836+05.0	USH 63	56	RT	S171	1242.50	1238.22	1238.20	6.30	-	-	-	-	-	-	-		-	-	1	-
							STAGE 2 SUBTOTALS		0	0	0	0	0	0	0		0	0	1	0
							CAT. 0020 TOTALS		0	0	0	0	0	0	0	0	0	0	1	0
							PROJECT TOTALS		34	3	5	10	3	5	1	2	1	2	4	1

PRELIMINARY

STORM SEWER COVERS

STATION	DESC.	LOCATION		STRUCT. NO.	611.0530 MANHOLE COVERS TYPE J EACH	611.0612 INLET COVERS TYPE C EACH	611.0615 INLET COVERS TYPE F EACH	611.0624 INLET COVERS TYPE H EACH	611.0639 INLET COVERS TYPE H-S EACH	611.0627 INLET COVERS TYPE HM EACH	611.0654 INLET COVERS TYPE V EACH	612.0642 INLET COVERS TYPE MS EACH	611.8120.S COVER PLATES TEMPORARY EACH	SPV.0060.29 INLET COVERS TYPE H-D EACH
CAT. 0010														
STAGE 1A														
10+81.5	'D'	61	LT	S152	-	-	-	-	-	-	-	-	-	-
10+50.0	'D'	15.5	LT	S151	-	-	-	-	-	1	-	-	-	-
10+50.0	'D'	48	RT	S150	-	-	-	-	-	-	-	-	-	-
09+57.7	'PD'	67.3	LT	S160	-	-	-	-	-	-	-	1	-	-
06+96.9	'6A'	23.0	LT	S18	-	-	-	-	1	-	-	-	-	-
06+96.9	'6A'	37.5	LT	S19	-	-	-	-	-	-	-	2	-	-
02+33.3	'DP'	0.0	-	S180	-	-	-	-	-	-	-	2	-	-
01+88.6	'DP'	0.0	-	S181	-	-	-	-	-	-	-	-	-	-
STAGE 1A TOTALS					0	0	0	0	1	1	0	5	0	0
STAGE 2														
836+05.0	USH 63	56	RT	S171	-	-	-	-	-	-	-	2	-	-
846+40.0	USH 63	48	RT	S6	1	-	-	-	-	-	-	-	-	-
847+75.0	USH 63	36.5	RT	S7	1	-	-	-	-	-	-	-	-	-
849+19.0	USH 63	36.5	RT	S8	1	-	-	-	-	-	-	-	-	-
849+19.0	USH 63	29.5	RT	S42	-	-	-	1	-	-	-	-	1	-
849+19.0	USH 63	17.5	LT	S41	-	-	-	1	-	-	-	-	1	-
849+18.8	USH 63	49.7	LT	S40	1	-	-	-	-	-	-	-	-	-
852+04.0	USH 63	36.5	RT	S9	1	-	-	-	-	-	-	-	-	-
852+04.0	USH 63	17.5	LT	S51	-	-	-	1	-	-	-	-	1	-
852+04.0	USH 63	21.9	LT	EX247	-	-		-	-	-	-	-	-	-
853+00.6	USH 63	44.0	RT	S10	1	-		-	-	-	-	-	-	-
85[illegible]00.	USH 63	[illegible].5	[illegible]	S62		-		-	-	-	-	-	-	-
85[illegible]87.	USH 63	[illegible].5	[illegible]	S600		-		-	-	-	-	-	-	-
[illegible]+73.	[illegible]	[illegible]5.0	[illegible]			-		-	-	-	-	-	-	-
856+73.	USH 6[illegible]	33.5	[illegible]	S75		-		1	-	-	-	-	-	-
856+73.	USH 63	[illegible].5	[illegible]	S73		-		-	-	-	-	-	1	-
857+79.	USH 63	[illegible].1	[illegible]			-		-	-	-	-	-	-	-
857+88.7	USH 63	30.6	RT	S803	-	-	-	-	1	-	-	-	-	-
858+54.0	USH 63	50.0	RT	S12	1	-	-	-	-	-	-	-	-	-
858+54.0	USH 63	29.5	RT	S84	-	-	-	1	-	-	-	-	-	-
859+14.9	USH 63	38.6	RT	S810	-	-	-	-	1	-	-	-	-	-
860+09.1	USH 63	42.2	RT	S100	-	-	-	-	1	-	-	-	-	-
860+50.5	USH 63	33.5	RT	S101	-	-	-	1	-	-	-	-	-	-
860+90.0	USH 63	33.5	RT	S102	-	-	-	-	1	-	-	-	-	-
861+85.5	USH 63	42.0	RT	S14	1	-	-	-	-	-	-	-	-	-
861+87.2	USH 63	33.5	RT	S902	-	-	-	1	-	-	-	-	-	-
864+63.3	USH 63	37.4	RT	S111	-	-	-	1	-	-	-	-	-	-
865+33.0	USH 63	37.4	RT	S112	-	-	-	-	1	-	-	-	-	-
6+96.9	'6A'	23.0	LT	S18	-	-	-	-	1	-	-	-	-	-
6+96.9	'6A'	37.5	LT	S19	-	-	-	-	-	-	-	2	-	-
27+49.5	'BD'	0.0	-	S19.1	-	1	-	-	-	-	-	-	-	-
28+48.5	'BD'	0.0	-	S19.2	-	1	-	-	-	-	-	-	-	-
866+28.0	USH 63	50.0	RT	S16	1	-	-	-	-	-	-	-	-	-
866+32.0	USH 63	35.5	RT	S17	-	-	-	1	-	-	-	-	-	-
868+48.6	USH 63	29.8	RT	S121	-	-	-	1	-	-	-	-	1	-
869+09.4	USH 63	27.2	RT	S122	-	-	-	-	1	-	-	-	1	-
869+99.2	USH 63	28.3	RT	S21	1	-	-	-	-	-	-	-	-	-
870+08.9	USH 63	23.5	RT	S131	-	-	-	-	1	-	-	-	1	-
870+50.0	USH 63	21.9	RT	S130	-	-	-	1	-	-	-	-	1	-
874+82.0	USH 63	17.5	RT	S190	-	-	-	-	1	-	-	-	1	-
STAGE 2 TOTALS					11	2	0	12	12	0	0	4	9	0

PRELIMINARY

STORM SEWER COVERS CONT'D

STATION	DESC.	LOCATION		STRUCT. NO.	611.0530 MANHOLE COVERS TYPE J EACH	611.0612 INLET COVERS TYPE C EACH	611.0615 INLET COVERS TYPE F EACH	611.0624 INLET COVERS TYPE H EACH	611.0639 INLET COVERS TYPE H-S EACH	611.0627 INLET COVERS TYPE HM EACH	611.0654 INLET COVERS TYPE V EACH	612.0642 INLET COVERS TYPE MS EACH	611.8120.S COVER PLATES TEMPORARY EACH	SPV.0060.29 INLET COVERS TYPE H-D EACH
CAT. 0010														
STAGE 3														
836+05.0	USH 63	50	LT	S170	-	-	-	-	-	-	-	2	-	-
845+20.7	USH 63	48.5	LT	S4	-	-	-	-	-	-	-	3	-	-
845+30.4	USH 63	40.9	LT	S4.1	-	-	1	-	-	-	-	-	-	-
845+83.8	USH 63	33.1	LT	S5	-	-	-	-	1	-	-	-	-	-
847+75.0	USH 63	17.5	LT	S30	-	-	-	1	-	-	-	-	-	-
850+75.4	USH 63	17.5	LT	S50	-	-	-	-	1	-	-	-	-	-
852+60.0	USH 63	32.8	LT	S610	-	-	-	-	-	-	-	1	-	-
853+00.6	USH 63	17.5	LT	S611	-	-	-	-	1	-	-	-	-	-
853+10.5	USH 63	17.5	LT	S61	-	-	-	-	1	-	-	-	-	-
853+19.5	USH 63	30.2	LT	S60	-	1	-	-	-	-	-	-	-	-
853+38.1	USH 63	30.0	LT	S59	-	-	-	-	-	-	1	-	-	-
855+08.0	USH 63	17.5	LT	S700	-	-	-	-	1	-	-	-	-	-
856+25.1	USH 63	17.5	LT	S701	-	-	-	1	-	-	-	-	-	-
856+85.5	USH 63	17.8	LT	S702	-	-	-	1	-	-	-	-	-	-
856+9[illegible]	USH 63	44.4	LT	S[illegible]	-	-	-	-	-	-	-	-	-	-
857+3[illegible]	USH 63	59.4	LT	S70	-	-	-	-	-	-	-	-	-	-
857+8[illegible]	USH 63	17.5	LT	S801	-	-	-	-	-	-	-	-	-	-
857+9[illegible]	USH 63	17.5	LT	[illegible]	-	-	-	-	-	-	-	-	-	1
858+5[illegible]	USH 63	17.5	LT	S83	-	-	-	-	-	-	-	-	-	-
859+1[illegible]	USH 63	17.5	LT	S82	-	-	-	-	-	-	-	-	-	1
859+2[illegible]	USH 63	15.0	[illegible]	[illegible]	-	-	-	-	-	-	-	-	-	1
859+33.0	USH 63	30.1	LT	S81	-	-	-	-	-	-	-	-	-	1
860+77.5	USH 63	21.6	LT	S91	-	-	-	-	1	-	-	-	-	-
860+79.1	USH 63	40.5	LT	S90	-	-	-	1	-	-	-	-	-	-
861+60.5	USH 63	27.6	LT	S900	-	-	-	1	-	-	-	-	-	-
861+84.2	USH 63	17.5	LT	S901	-	-	-	1	-	-	-	-	-	-
864+17.6	USH 63	18.6	LT	S109	-	-	-	1	-	-	-	-	-	-
864+64.9	USH 63	19.5	LT	S110	-	-	-	1	-	-	-	-	-	-
868+48.6	USH 63	25.5	LT	S120	-	-	-	1	-	-	-	-	-	-
877+22.8	USH 63	21.5	LT	S200	-	-	-	1	-	-	-	-	-	-
STAGE 3 TOTALS					0	1	1	13	6	0	1	6	0	5
CAT.0010 TOTALS					11	3	1	25	19	1	1	15	9	5
CAT. 0020														
STAGE 2														
836+05.0	USH 63	56	RT	S171	-	-	-	-	-	-	-	2	-	-
STAGE 2 TOTALS					0	0	0	0	0	0	0	2	0	0
CAT.0020 TOTALS					0	0	0	0	0	0	0	2	0	0
PROJECT TOTALS					11	3	1	25	19	1	1	17	9	5

PRELIMINARY

STEEL PLATE BEAM GUARD AND GUARDRAIL

STATION	-	STATION	LOCATION	614.0305 STEEL PLATE BEAM GUARD CLASS A LF	614.2300 MGS GUARDRAIL 3 LF	614.2330 MGS GUARDRAIL 3 K LF
CAT. 0010						
STAGE 1A						
657+57.3	-	659+19.8	USH 63 RT	162.5	-	-
661+94.3	-	663+81.8	USH 63 RT	187.5	-	-
		STAGE 1A TOTALS		350.0	0.0	0.0
STAGE 3						
868+29.1	-	869+41.6	USH 63 LT	-	112.5	-
869+41.6	-	872+91.6	USH 63 LT	-	-	350.0
872+91.6	-	874+54.1	USH 63 LT	-	162.5	-
		STAGE 3 TOTALS		0.0	275.0	350.0
		PROJECT TOTALS		350.0	275.0	350.0

ENERGY ABSORBING TERMINALS

STATION	LOCATION	614.0370 STEEL PLATE BEAM GUARD EAT EACH	614.2610 MGS GUARDRAIL TERMINAL EAT EACH
CAT. 0010			
STAGE 1A			
657+07.3	USH 63 RT	1	-
664+31.8	USH 63 RT	1	-
STAGE 1A TOTALS		2	0
STAGE 3			
867+76.0	USH 63 LT	-	1
875+07.2	USH 63 LT	-	1
STAGE 3 TOTALS		0	2
PROJECT TOTALS		2	2

SALVAGED RAIL

STATION	-	STATION	LOCATION	614.0920 SALVAGED RAIL LF
CAT. 0010				
658+69.8	-	659+19.8	USH 63 RT	50
661+94.3	-	662+44.3	USH 63 RT	50
868+71.5	-	874+82.5	USH 63 LT	611
		PROJECT TOTAL		711

FENCE CHAIN LINK

STATION	-	STATION	LOCATION	616.0204 FENCE CHAIN LINK 4-FT LF
CAT. 0020				
STAGE 2				
33+25	-	33+50	'SU' RT	34
		PROJECT TOTAL		34

MAINTENANCE AND REPAIR OF HAUL ROADS

STATION	-	STATION	LOCATION	618.0100.01 MAINTENANCE AND REPAIR OF HAUL ROADS EACH	COMMENT
CAT. 0010					
625+00.00	-	883+62.84	USH 63	1	PROJECT
		PROJECT TOTAL		1	

MOBILIZATION

STATION	-	STATION	LOCATION	619.1000 MOBILIZATION EACH	COMMENT
CAT. 0010					
625+00.00	-	883+62.84	USH 63	1	PROJECT
		PROJECT TOTAL		1	

CONCRETE MEDIAN SLOPED NOSE

STATION	-	STATION	LOCATION	620.0300 CONCRETE MEDIAN SLOPED NOSE SF
CAT. 0010				
STAGE 4				
856+28	-	856+33	USH 63	37
856+87	-	856+92	USH 63	34
860+17	-	860+22	USH 63	37
860+72	-	860+77	USH 63	34
861+59	-	861+64	USH 63	71
862+49	-	862+54	USH 63	60
864+50	-	864+55	USH 63	41
865+10	-	865+15	USH 63	34
877+15	-	877+22	USH 63	60
879+09	-	879+16	USH 63	60
		PROJECT TOTAL		468

PRELIMINARY

FENCE SAFETY

STATION	-	STATION	LOCATION	616.0700.S FENCE SAFETY LF
CAT. 0010				
STAGE 1B				
845+95	-	861+36	RT	1575
861+73	-	863+32	LT	158
862+18	-	863+50	RT	176
863+60	-	868+25	RT	627
STAGE 2				
862+18	-	862+81	RT	76
863+65	-	865+55	RT	190
863+45	-	868+25	RT	497
STAGE 3				
865+96	-	868+25	RT	228
UNDISTRIBUTED				200
		PROJECT TOTAL		3727

WATER

STATION	-	STATION	624.0100 WATER MGAL	SPV.0120.01 WATER FOR SEEDED AREA MGAL	COMMENTS
CAT. 0010					
625+00.0	-	883+62.8	594	857	PROJECT
		CAT. 0010 TOTALS	594	857	
CAT. 0020					
625+00.0	-	883+62.8	4	145	PROJECT
		CAT. 0020 TOTALS	4	145	
		PROJECT TOTALS	597	1002	

DUST CONTROL

STATION	-	STATION	LOCATION	623.0200 DUST CONTROL SURFACE TREATMENT SY
CAT. 0010				
832+40	-	883+62	USH 63	19350
9+11	-	9+85	'1A'	415
10+22	-	11+43	'WL'	500
9+48	-	9+84	'1S'	160
10+28	-	10+60	'P1'	130
10+32	-	10+65	'P2'	90
9+30	-	9+83	'4A'	235
10+20	-	11+32	'P3'	225
10+21	-	11+00	'P4'	215
9+39	-	9+81	'5A'	300
8+64	-	9+75	'6A'	825
10+26	-	11+43	'B'	415
UNDISTRIBUTED				2286
		PROJECT TOTAL		25146

LANDSCAPING ITEMS

STATION	- STATION	LOCATION		625.0100 TOPSOIL SY	SPV.0180.02 PREPARING TOPSOIL FOR LAWN TYPE TURF SY	627.0200 MULCHING SY	628.6505 SOIL STABILIZER TYPE A ACRE	628.6510 SOIL STABILIZER TYPE B ACRE	629.0210 FERTILIZER TYPE B CWT	630.0120 SEEDING MIXTURE NO. 20 LB	630.0200 SEEDING TEMPORARY LB	COMMENTS
CAT. 0010												
STAGE 1A												
624+77	- 625+58	USH 63	RT	124	-	90	-	0.04	0.1	6	6	
625+30	- 626+00	USH 63	LT	188	-	145	-	0.05	0.2	7	7	
637+60	- 638+60	USH 63	RT	149	-	0	-	0.05	0.2	7	7	
637+60	- 638+60	USH 63	LT	149	-	0	-	0.05	0.2	7	7	
733+25	- 735+00	USH 63	RT	525	-	203	-	0.15	0.5	19	19	
776+97	- 788+17	USH 63	LT	4213	-	2422	-	1.13	3.4	147	147	
776+97	- 788+50	USH 63	RT	1922	-	2812	-	0.66	2.0	86	86	
790+10	- 816+60	USH 63	RT	517	-	2933	-	0.72	2.2	93	93	
789+48	- 808+36	USH 63	LT	4775	-	5482	-	1.42	4.3	186	186	INCLUDES 'SE'
809+29	- 816+50	USH 63	LT	1762	1762	2295	-	0.53	1.6	69	69	INCLUDES 'SE' & 'PD'
816+92	- 820+73	USH 63	LT	826	826	1018	-	0.26	0.8	34	34	INCLUDES 'PD'
4+97	- 9+32	'HT'	RT	1460	-	1250	0.19	0.11	1.2	52	52	DITCH
4+97	- 9+86	'HT'	LT	1664	-	1218	0.19	0.15	1.4	60	60	DITCH
10+05	- 11+55	'D'	RT	449	-	575	-	0.13	0.4	17	17	
10+64	- 11+55	'D'	LT	333	-	388	-	0.09	0.3	12	12	
10+20	- 11+84	'C1'	RT	198	198	285	-	0.08	0.2	10	10	
10+20	- 11+84	'C1'	LT	300	300	337	-	0.10	0.3	13	13	
5+54	- 8+44	'PD'	RT	106	106	318	-	0.07	0.2	9	9	CHURCH PARKING LOT
10+17	- 11+10	'T3'	RT	69	-	34	-	.03	0.1	4	5	
10+17	- 11+10	'T3'	LT	53	-	87	-	.03	0.1	4	4	
UNDISTRIBUTED				989	160	5473	0.10	.47	4.9	211	211	
STAGE 1A TOTALS				20771	3352	27365	[illegible]	[illegible]	24.6	[illegible]	1054	
STAGE 1B												
830+00	- 831+00	USH 63	LT	50	-	51	-	.03	0.1	4	4	TEMP. WIDENING INCLUDES '3S'
831+30	- 844+05	USH 63	LT	914	-	2331	-	.48	.5	[illegible]	[illegible]	TEMP. WIDENING
847+65	- 850+92	USH 63	LT	93	-	202	-	0.04	0.1	5	5	TEMP. WIDENING
851+44	- 855+28	USH 63	LT	123	-	251	-	0.05	0.2	7	7	TEMP. WIDENING
855+65	- 856+87	USH 63	LT	29	-	70	-	0.01	0.0	2	2	TEMP. WIDENING
859+34	- 860+75	USH 63	LT	40	-	87	-	0.02	0.1	2	2	TEMP. WIDENING
875+25	- 877+60	USH 63	LT	91	-	352	-	0.07	0.2	10	10	TEMP. WIDENING
879+75	- 884+10	USH 63	LT	701	-	1184	-	0.24	0.7	32	32	TEMP. WIDENING
884+50	- 886+60	USH 63	LT	225	-	225	-	0.05	0.1	6	6	TEMP. WIDENING
10+18	- 10+56	'ID'	RT	19	-	32	-	0.01	0.0	1	1	DETOUR WIDENING
10+00	- 12+00	'3S'	LT	110	-	332	-	0.07	0.2	9	9	DETOUR WIDENING
10+32	- 11+37	'WL'	LT	73	-	123	-	0.04	0.1	5	5	DETOUR WIDENING
3+38	9+90	'C2'	LT	134	-	218	-	0.05	0.1	6	6	
3+76	- 9+90	'C2'	RT	98	-	161	-	0.03	0.1	4	4	
10+35	- 10+90	'LA'	RT	38	-	99	-	0.02	0.1	3	3	DETOUR WIDENING
UNDISTRIBUTED				137	0	1430	-	0.30	0.9	40	40	
STAGE 1B TOTALS				2875	0	7148	0.00	1.51	4.5	199	199	
STAGE 2												
832+40	- 845+05	USH 63	RT	1893	1893	1477	-	0.45	1.4	59	59	
846+32	- 853+38	USH 63	RT	738	738	746	-	0.23	0.7	31	31	
853+68	- 857+01	USH 63	RT	242	242	58	-	0.05	0.2	7	7	
857+31	- 858+84	USH 63	RT	328	328	241	-	0.07	0.2	9	9	
859+19	- 860+08	USH 63	RT	158	158	93	-	0.03	0.1	4	4	
850+40	- 865+63	USH 63	RT	669	669	618	-	0.17	0.5	23	23	
855+92	- 869+52	USH 63	RT	852	-	827	-	0.20	0.6	26	26	
859+80	- 874+23	USH 63	RT	518	-	764	-	0.16	0.5	21	21	
874+52	- 881+36	USH 63	RT	765	-	915	-	0.24	0.7	31	31	
882+63	- 883+63	USH 63	RT	143	-	254	-	0.05	0.2	7	7	
10+26	- 11+43	'B'	LT & RT	586	-	641	-	0.15	0.5	19	19	
10+34	- 11+44	'WL'	LT & RT	186	-	224	-	0.06	0.2	8	8	
UNDISTRIBUTED				354	201	1715	-	0.47	1.5	61	61	
STAGE 2 TOTALS				7432	4229	8573	0.00	2.33	7.3	306	306	

LANDSCAPING ITEMS CONT'D

STATION	- STATION	LOCATION		625.0100 TOPSOIL SY	SPV.0180.02 PREPARING TOPSOIL FOR LAWN TYPE TURF SY	627.0200 MULCHING SY	628.6505 SOIL STABILIZER TYPE A ACRE	628.6510 SOIL STABILIZER TYPE B ACRE	629.0210 FERTILIZER TYPE B CWT	630.0120 SEEDING MIXTURE NO. 20 LB	630.0200 SEEDING TEMPORARY LB	COMMENTS
CAT. 0010												
STAGE 3												
832+40	- 845+00	USH 63	LT	1921	1921	1305	-	0.40	1.2	52	52	
847+64	- 850+77	USH 63	LT	107	107	107	-	0.02	0.1	3	3	
851+61	- 855+10	USH 63	LT	136	136	136	-	0.03	0.1	4	4	
855+84	- 860+68	USH 63	LT	51	51	51	-	0.01	0.0	1	1	
866+82	- 877+81	USH 63	LT	1338	-	1949	-	0.40	1.2	53	53	
879+60	- 886+00	USH 63	LT	1304	1304	1977	-	0.42	1.3	54	54	
9+12	- 9+81	'1A'	LT & RT	113	113	79	-	0.02	0.1	3	3	
6+90	- 7+30	'6A'	LT	101	101	101	-	0.02	0.1	3	3	
8+65	- 9+75	'6A'	RT	37	37	37	-	0.01	0.0	1	1	
25+51	- 28+27	'BD'	LT & RT	1229	-	-	-	0.25	0.8	33	33	
28+25	- 29+13	'BD'	LT & RT	153	-	153	0.03	0.03	0.1	4	4	
UNDISTRIBUTED				255	189	1436	-	0.33	1.0	44	44	
STAGE 3 TOTALS				6745	3959	7331	0.03	1.94	6.0	255	255	
STAGE 4												
868+32	- 877+28	USH 63	RT	1294	-	1335	-	0.37	1.1	48	48	
101+24	- 10+91	'PG'	LT & RT	222	-	222	-	0.05	0.1	6	6	
10+16	- 10+77	'PC'	LT & RT	113	-	113	-	0.02	0.1	3	3	
UNDISTRIBUTED				81	0	418	-	0.11	0.3	14	14	
STAGE 4 TOTALS				[illegible]	0	208	0.00	0.55	1.6	71	71	
CAT. 0010 TOTALS				[illegible]533	1540	57[illegible]05	0.51	13.66	44.0	1885	1885	
CAT. 0020												
STAGE 3												
10+	- 11+		RT	37	-	88	-	0.02	0.1	2	2	
11+	- 14+	'T1'	LT & RT	76	-	146	-	0.03	0.1	4	4	
24+	25+	'T1'	LT & RT	80	80	167	-	0.03	0.1	5	5	
26+31	- 30+56	'T1'	LT & RT	289	289	525	-	0.11	0.3	14	14	
14+28	- 14+84	'T2'	LT & RT	24	24	55	-	0.01	0.0	1	1	
19+80	- 21+73	'T2'	LT	22	-	129	-	0.03	0.1	3	3	
21+97	- 27+06	'T2'	LT	61	-	344	-	0.07	0.2	9	9	
27+30	- 27+65	'T2'	LT & RT	8	-	27	-	0.01	0.0	1	1	
10+11	- 24+74	'SU'	LT & RT	2309	2309	3722	-	0.81	2.5	106	106	
25+22	- 32+60	'SU'	LT & RT	689	689	1099	-	0.23	0.7	30	30	
32+90	- 36+23	'SU'	LT & RT	183	183	368	-	0.08	0.2	10	10	
36+54	- 40+00	'SU'	LT & RT	311	311	503	-	0.10	0.3	14	14	
40+17	- 48+69	'SU'	LT & RT	998	998	1471	-	0.30	0.9	40	40	
48+93	- 53+41	'SU'	LT & RT	404	-	653	-	0.13	0.4	18	18	
53+66	- 58+76	'SU'	LT & RT	463	-	746	-	0.15	0.5	20	20	
59+00	- 61+56	'SU'	LT & RT	181	-	323	-	0.07	0.2	9	9	
UNDISTRIBUTED				307	244	2592	-	0.55	1.7	72	72	
STAGE 2 TOTALS				6442	5127	12958	0.00	2.73	8.3	358	358	
CAT. 0020 TOTALS				6442	5127	12958	0.00	2.73	8.3	358	358	
STAGE 2												
09+30	- 13+08	'S2'	LT & RT	45	45	45	-	0.01	0.0	1	1	
23+76	- 26+38	'W1'	LT & RT	507	507	507	-	0.10	0.3	14	14	
UNDISTRIBUTED				28	28	28	0.00	0.00	0.0	1	1	
STAGE 2 TOTALS				580	580	580	0	0	0	16	16	
CAT. 0030												
STAGE 3												
56+88	- 57+77	'S1'	LT & RT	102	102	102	-	0.02	0.1	3	3	
UNDISTRIBUTED				5	5	5	0.00	0.00	0.0	0	0	
STAGE 3 TOTALS				107	107	107	0	0	0	3	3	
CAT. 0030 TOTALS				687	687	687	0.00	0.13	0.4	19	19	
PROJECT TOTALS				46662	17354	66150	0.51	16.52	52.7	2262	2262	

PRELIMINARY

PRELIMINARY

SILT FENCE ITEMS

STATION	- STATION	LOCATION		628.1504 SILT FENCE LF	628.1905 SILT FENCE MAINTENANCE LF
CAT. 0010					
STAGE 1A					
624+77	- 625+58	USH 63	RT	88	88
625+25	- 626+03	USH 63	LT	107	107
628+92	- 629+10	USH 63	RT	44	44
637+50	- 638+65	USH 63	LT	132	132
637+51	- 638+69	USH 63	RT	127	127
655+83	- 656+51	USH 63	RT	63	63
656+69	- 659+21	USH 63	RT	252	252
661+93	- 665+53	USH 63	RT	361	361
708+75	- 709+38	USH 63	LT	85	85
708+77	- 709+38	USH 63	RT	76	76
776+82	- 779+82	USH 63	LT	304	304
776+97	- 779+89	USH 63	RT	301	301
780+15	- 783+00	USH 63	RT	294	294
780+19	- 783+82	USH 63	LT	363	363
795+61	- 799+33	USH 63	LT	374	374
795+65	- 813+01	USH 63	RT	1741	1741
799+88	- 808+32	USH 63	LT	859	859
808+90	- 812+99	USH 63	LT	432	432
813+09	- 816+83	USH 63	RT	377	377
815+61	- 816+36	USH 63	LT	116	116
819+43	- 820+74	USH 63	LT	132	132
10+17	- 11+10	'T3'	RT	114	114
10+17	- 11+10	'T3'	LT	109	109
UNDISTRIBUTED				1713	1713
STAGE 1A TOTALS				8564	8564
STAGE 1B					
829+79	- 830+68	USH 63	RT	90	90
831+01	- 832+28	USH 63	RT	134	134
832+28	- 834+96	USH 63	RT	277	277
837+91	- 844+09	USH 63	RT	625	625
844+08	- 845+55	USH 63	RT	150	150
845+95	- 850+10	USH 63	RT	442	442
850+32	- 853+35	USH 63	RT	302	302
851+75	- 853+17	USH 63	LT	141	141
853+71	- 856+98	USH 63	RT	262	262
855+80	- 856+72	USH 63	LT	131	131
857+33	- 858+99	USH 63	RT	161	161
859+60	- 860+77	USH 63	RT	122	122
860+90	- 862+80	USH 63	RT	206	206
862+95	- 869+49	USH 63	RT	646	646
868+03	- 877+77	USH 63	LT	986	986
869+85	- 874+07	USH 63	RT	423	423
879+62	- 884+08	USH 63	LT	448	448
879+89	- 882+41	USH 63	RT	256	256
882+53	- 884+02	USH 63	RT	209	209
25+50	- 29-20 BD'		LT & RT	796	796
UNDISTRIBUTED				1702	1702
STAGE 1B TOTALS				8509	8509
PROJECT TOTALS				17073	17073

EROSION CONTROL MOBILIZATIONS

STATION	628.1905 MOBILIZATION EROSION CONTROL EACH	628.1910 MOBILIZATION EMERGENCY EROSION CONTROL EACH
CAT. 0010		
STAGE 1A	3	3
STAGE 1B	3	3
STAGE 2	3	3
STAGE 3	3	3
STAGE 4	3	3
STAGE 5	0	0
PROJECT TOTAL	15	15

TURBIDITY BARRIER

STATION	- STATION	LOCATION	628.6005 TURBIDITY BARRIERS SY
CAT. 0010			
STAGE 1			
783+82	- 784+95	USH 63 LT	565
PROJECT TOTAL			565

TEMPORARY DITCH CHECKS

STATION	LOCATION		628.7504 TEMPORARY DITCH CHECKS LF
CAT. 0010			
STAGE 1A			
735+00	USH 63	RT	10
780+45	USH 63	LT	10
784+20	USH 63	LT	10
784+55	USH 63	RT	10
787+82	USH 63	LT	10
788+00	USH 63	RT	10
5+78	'HT'	RT	10
5+78	'HT'	LT	10
6+26	'HT'	RT	10
6+26	'HT'	LT	10
6+70	'HT'	RT	10
6+70	'HT'	LT	10
7+10	'HT'	RT	10
7+10	'HT'	LT	10
7+50	'HT'	RT	10
7+50	'HT'	LT	10
7+87	'HT'	RT	10
7+87	'HT'	LT	10
8+27	'HT'	RT	10
8+27	'HT'	LT	10
8+76	'HT'	RT	10
8+77	'HT'	LT	10
9+11	'HT'	LT	10
790+00	USH 63	LT	10
791+57	USH 63	RT	10
792+52	USH 63	LT	10
795+00	USH 63	LT	10
818+00	USH 63	LT	10
11+23	'C1'	LT	10
UNDISTRIBUTED			73
STAGE 1A TOTAL			363
STAGE 2			
833+72	USH 63	RT	10
835+64	USH 63	RT	10
836+81	USH 63	RT	10
836+86	USH 63	RT	10
12+00	'WL'	RT	10
27+00	'T1'	RT	10
884+07	USH 63	RT	10
UNDISTRIBUTED			18
STAGE 2 TOTAL			88
STAGE 3			
832+98	USH 63	LT	10
833+97	USH 63	LT	10
834+98	USH 63	LT	10
844+60	USH 63	LT	10
UNDISTRIBUTED			10
STAGE 3 TOTAL			50
PROJECT TOTAL			501

CULVERT PIPE CHECKS

STATION	LOCATION		628.7555 CULVERT PIPE CHECKS EACH
CAT. 0010			
STAGE 1A			
634+34	USH 63	RT	
638+12	USH 63	RT	
659+69	USH 63	RT	10
719+08	USH 63	RT	5
733+26	USH 63	LT	5
756+05	USH 63	RT	7
760+84	USH 63	RT	6
780+00	USH 63	LT	20
9+11	'HT'	RT	3
10+50	'D'	RT	3
795+52	USH 63	LT	5
795+55	USH 63	RT	5
9+36	'SE'	RT	3
813+04	USH 63	LT	5
10+40	T3'	LT	3
UNDISTRIBUTED			25
STAGE 1A TOTAL			125
STAGE 1B			
10+36	'SU'	LT	1
13+36	'3S'	LT	3
836+05	USH 63	LT	6
16+93	T1'	LT	6
UNDISTRIBUTED			4
STAGE 1B TOTAL			20
PROJECT TOTAL			145

ROCK BAGS

STATION	LOCATION		628.7570 ROCK BAGS EACH
CAT. 0010			
11+28	'WL'	RT	2
11+28	'WL'	LT	2
10+50	'T1'	RT	2
10+50	'T1'	LT	2
10+65	'D'	RT	2
10+67	'T1'	RT	2
10+83	'T1'	LT	2
UNDISTRIBUTED			4
PROJECT TOTAL			20

DELINEATORS FLEXIBLE

STATION	LOCATION	633.0200 DELINEATORS FLEXIBLE EACH
CAT. 0010		
856+32	USH 63 ISLAND	1
856+89	USH 63 ISLAND	1
860+20	USH 63 ISLAND	1
860+74	USH 63 ISLAND	1
861+62	USH 63 ISLAND	1
862+49	USH 63 ISLAND	1
864+54	USH 63 ISLAND	1
865+10	USH 63 ISLAND	1
877+20	USH 63 LT	1
879+11	USH 63 LT	1
PROJECT TOTAL		10

MARKERS CULVERT ENDS

STATION	LOCATION	633.5200 MARKERS CULVERT ENDS EACH
CAT. 0010		
625+34.0	USH 63	2
638+10.0	USH 63	2
646+00.0	USH 63	2
675+70.0	USH 63	2
698+40.0	USH 63	2
709+08.0	USH 63	2
719+08.0	USH 63	2
733+34.0	USH 63	2
756+05.0	USH 63	2
760+84.0	USH 63	2
780+00.0	USH 63	4
795+52.0	USH 63	2
813+04.0	USH 63	2
836+13.0	USH 63	2
PROJECT TOTAL		34

EROSION MAT

STATION	-	STATION	LOCATION		628.2004 EROSION MAT CLASS I TYPE B SY	628.2006 EROSION MAT URBAN CLASS I TYPE A SY	628.2008 EROSION MAT URBAN CLASS I TYPE B SY	628.2023 EROSION MAT CLASS II TYPE B SY	628.2033 EROSION MAT CLASS III TYPE B SY	COMMENTS
CAT. 0010										
STAGE 1A										
624+81	-	625+57	USH 63	RT	176	-	-	-	-	
625+30	-	626+00	USH 63	LT	110	-	-	-	-	
631+76	-	632+31	USH 63	RT	42	-	-	-	-	REGRADE DITCH
09+20	-	09+45	'WN'	LT	9	-	-	-	-	
09+35	-	09+60	'WN'	RT	16	-	-	-	-	
637+60	-	638+60	USH 63	LT	261	-	-	-	-	
637+60	-	638+60	USH 63	RT	272	-	-	-	-	
708+85	-	709+32	USH 63	LT	67	-	-	-	-	
708+85	-	709+32	USH 63	RT	61	-	-	-	-	
718+90	-	719+25	USH 63	LT	-	-	40	-	-	
718+90	-	719+30	USH 63	RT	-	-	56	-	-	
732+90	-	733+30	USH 63	LT	-	-	61	-	-	
733+25	-	735+00	USH 63	RT	-	-	516	-	-	
760+80	-	760+90	USH 63	LT	14	-	-	-	-	
760+80	-	760+90	USH 63	RT	14	-	-	-	-	
776+97	-	785+50	USH 63	LT	-	-	1586	-	-	
783+72	-	788+73	USH 63	RT	391	-	-	-	-	
785+50	-	788+21	USH 63	LT	14	-	-	-	-	
4+91	-	9+03	'HT'	RT		-	-	356	356	LITCH
7+00	-	9+03	'HT'	RT	3	-	-	-	-	
4+97		5+55	'HT'	LT	5	-	-	-	-	DITCH
7+50		9+50	'HT'	LT	5	-	-	-	-	
5+86		9+86	'HT'	LT		-	-	386	386	DITCH
10+46	-	11+41	'D'	RT	4	-	-	-	-	
10+85	-	11+48	'D'	LT	46	-	-	-	-	
789+50	-	795+40	USH 63	LT	1391	-	-	-	-	
790+05	-	795+52	USH 63	RT	528	-	-	-	-	
813+04	-	816+00	USH 63	LT	-	267	-	-	-	
816+95	-	819+50	USH 63	LT	-	231	-	-	-	
10+50	-	11+84	'C1'	RT	-	95	-	-	-	
10+50	-	11+84	'C1'	LT	-	145	-	-	-	
10+17	-	10+17	'T3'	LT	-	-	69	-	-	
11+10	-	11+10	'T3'	RT	-	-	138	-	-	
UNDISTRIBUTED					1457	185	617	186	186	
STAGE 1A TOTALS					7285	923	3083	928	928	

EROSION MAT CONT'D

STATION	-	STATION	LOCATION		628.2004 EROSION MAT CLASS I TYPE B SY	628.2006 EROSION MAT URBAN CLASS I TYPE A SY	628.2008 EROSION MAT UREAN CLASS I TYPE B SY	628.2023 EROSION MAT CLASS II TYPE B SY	628.2033 EROSION MAT CLASS III TYPE B SY	COMMENTS
CAT. 0010										
STAGE 1B										
853+35	-	853+75	USH 63	LT	-	22	-	-	-	
10+60	-	12+00	'3S'	LT	-	88	-	-	-	
10+32	-	11+37	'WL'	LT	-	67	-	-	-	
UNDISTRIBUTED					-	44	-	-	-	
STAGE 1B TOTALS					0	221	0	0	0	
STAGE 2										
832+40	-	836+53	USH 63	RT	-	266	-	-	-	
837+50	-	843+03	USH 63	RT	-	307	-	-	-	
843+03	-	844+42	USH 63	RT	-	124	-	-	-	
846+32	-	849+30	USH 63	RT	-	167	-	-	-	
849+38	-	849+80	USH 63	RT	-	23	-	-	-	
849+92	-	853+38	USH 63	RT	-	194	-	-	-	
853+68	-	856+77	USH 63	RT	-	171	-	-	-	
856+82	-	857+00	USH 63	RT	-	13	-	-	-	
857+31	-	857+67	USH 63	RT	-	23	-	-	-	
857+75	-	858+83	USH 63	RT	-	64	-	-	-	
859+16	-	860+07	USH 63	RT	-	65	-	-	-	
8[illegible]+40	-	8[illegible]0+59	USH 63	RT		16	-	-	-	
8[illegible]+58	-	8[illegible]1+61	USH 63	RT	-	68	-	-	-	
8[illegible]+[illegible]	-	8[illegible]3+50	USH 63	RT	-	35	-	-	-	
8[illegible]4+74	-	8[illegible]5+63	USH 63	RT			-	-	-	
8[illegible]5+93	-	8[illegible]8+31	USH 63	RT	-	1[illegible]	-	-	-	
8[illegible]7+18	-	8[illegible]1+3[illegible]	USH 63		-	2[illegible]	-	-	-	
[illegible]+41	-	[illegible]0+9[illegible]	'WL'	LT	-	3[illegible]	-	-	-	
10+37	-	10+93	'WL'	RT	-	47	-	-	-	
10+53	-	10+83	'B'	LT	-	32	-	-	-	
10+05	-	10+67	'B'	RT	-	43	-	-	-	
UNDISTRIBUTED					-	544	-	-	-	
STAGE 2 SUBTOTALS					0	2720	0	0	0	
STAGE 3										
832+40	-	837+00	USH 63	LT	-	409	-	-	-	
843+00	-	845+23	USH 63	LT	-	207	-	-	-	
883+53	-	883+96	USH 63	LT	38	-	-	-	-	
884+55	-	885+97	USH 63	LT	128	-	-	-	-	
9+11	-	9+43	'1A'	RT	-	34	-	-	-	
25+51	-	28+27	'BD'	LT & RT	-	-	-	1229	-	
28+25	-	28+83	'BD'	LT & RT	-	-	-	135	135	
UNDISTRIBUTED					42	163	-	-	-	
STAGE 3 TOTALS					208	813	0	1364	135	
STAGE 4										
868+31	-	869+51	USH 63	RT	-	67	-	-	-	
869+81	-	874+23	USH 63	RT	-	259	-	-	-	
874+53	-	876+78	USH 63	RT	-	131	-	-	-	
UNDISTRIBUTED					-	114	-	-	-	
STAGE 4 TOTALS					0	571	0	0	0	
CAT. 0010 TOTALS					7493	5248	3083	2292	1063	
CAT. 0020										
STAGE 2										
14+07	-	16+64	'SU'	RT	-	213	-	-	-	
UNDISTRIBUTED					-	53	-	-	-	
CAT. 0020 TOTALS					0	266	0	0	0	
PROJECT TOTALS					7493	5514	3083	2292	1063	

PRELIMINARY

INLET PROTECTION

STATION	LOCATION			628.7005 INLET PROTECTION TYPE A EACH	628.7010 INLET PROTECTION TYPE B EACH	628.7015 INLET PROTECTION TYPE C EACH	STRUCTURE
CAT. 0010							
STAGE 1A							
10+50	'D'	15.5	LT	1	-	1	S151
08+47	'PD'	18.2	LT	-	-	1	-
08+49	'PD'	18.2	RT	-	-	1	-
09+58	'PD'	67.3	LT	1	-	-	S160
STAGE 1A TOTALS				2	0	3	
STAGE 1B							
852+04	USH 63	22.0	LT	1	1	1	EX247
853+20	USH 63	29.0	LT	1	-	1	EX239
853+24	USH 63	22.0	LT	1	1	1	EX238
856+70	USH 63	22.0	LT	1	1	1	EX227
857+69	USH 63	22.0	LT	1	1	1	EX225
STAGE 1B TOTALS				5	4	5	
STAGE 2							
836+05	USH 63	56.0	RT	1	-	1	S171
846+40	USH 63	48.0	RT	1	-	-	S6
847+75	USH 63	36.5	RT	1	-	-	S7
849+19	USH 63	49.7	LT	1	-	-	S40
849+19	USH 63	17.5	LT	1	-	1	S41
849+19	USH 63	29.5	RT	1	-	1	S42
849+19	USH 63	36.5	RT	1	-	-	S8
852+04	USH 63	17.5	LT	1	-	1	S51
852+04	USH 63	36.5	RT	1	-	-	S9
853+01	USH 63	44.0	RT	1	-	-	S10
853+01	USH 63	29.5	RT	1	-	1	[illegible]
853+88	USH 63	29.5	RT	1	-	1	600
856+73	USH 63	17.5	LT	1	-	1	573
856+73	USH 63	33.5	RT	1	-	1	[illegible]
856+73	USH 63	45.0	RT	1	-	-	511
857+38	USH 63	21.0	RT	1	-	1	224
857+79	USH 63	31.1	RT	1	-	1	802
857+89	USH 63	30.6	RT	1	-	1	S803
858+54	USH 63	29.5	RT	1	-	1	S84
858+54	USH 63	50.0	RT	1	-	-	S12
859+15	USH 63	38.6	RT	1	-	1	S810
860+09	USH 63	42.2	RT	1	-	1	S100
860+51	USH 63	33.5	RT	1	-	1	S101
860+90	USH 63	33.5	RT	1	-	1	S102
861+86	USH 63	42.0	RT	1	-	-	S14
861+87	USH 63	33.5	RT	1	-	1	S902
864+63	USH 63	37.4	RT	1	-	1	S111
865+33	USH 63	37.4	RT	1	-	1	S112
866+28	USH 63	50.0	RT	1	-	-	S16
06+88	'6A'	24.0	RT	1	-	-	-
06+98	'6A'	24.0	RT	1	-	-	-
06+88	'6A'	22.0	LT	1	-	-	-
06+97	USH 63	23.0	LT	1	-	1	S18
06+97	USH 63	37.5	LT	1	-	1	S19
866+32	USH 63	35.5	RT	1	-	1	S17
868+41	USH 63	26.0	LT	1	1	1	EX204
868+41	USH 63	18.0	RT	1	-	1	EX203
868+49	USH 63	29.8	RT	1	-	1	S121
869+09	USH 63	27.2	RT	1	-	1	S122
869+21	USH 63	26.8	RT	1	-	1	S140
869+99	USH 63	18.0	RT	1	1	1	EX201
869+99	USH 63	28.3	RT	1	-	-	S21
870+09	USH 63	23.5	RT	1	-	1	S131
870+50	USH 63	21.9	RT	1	-	1	S130
870+53	USH 63	17.0	RT	1	1	1	EX202
874+82	USH 63	17.5	RT	1	-	1	S190
STAGE 2 TOTALS				46	3	32	

INLET PROTECTION CONT'D

STATION	LOCATION			628.7005 INLET PROTECTION TYPE A EACH	628.7010 INLET PROTECTION TYPE B EACH	628.7015 INLET PROTECTION TYPE C EACH	STRUCTURE
CAT. 0010							
STAGE 3							
836+05	USH 63	50.0	LT	1	-	1	S170
845+21	USH 63	48.5	LT	1	-	-	S4
845+30	USH 63	40.9	LT	1	-	1	S4.1
845+84	USH 63	33.1	LT	1	-	1	S5
847+75	USH 63	17.5	LT	1	-	1	S30
850+75	USH 63	17.5	LT	1	-	1	S50
852+60	USH 63	32.8	LT	1	1	-	S610
853+01	USH 63	17.5	LT	1	-	1	S611
853+11	USH 63	17.5	LT	1	-	1	S61
853+20	USH 63	30.2	LT	1	-	-	S60
855+08	USH 63	17.5	LT	1	-	1	S700
856+25	USH 63	17.5	LT	1	-	1	S701
856+86	USH 63	17.8	LT	1	-	1	S702
856+99	USH 63	44.4	LT	1	-	1	S71
859+36	USH 63	59.4	LT	1	-	1	S70
857+84	USH 63	17.5	LT	1	1	-	S801
857+94	USH 63	17.5	LT	1	1	-	S800
858+54	USH 63	17.5	LT	1	-	1	S83
859+15	USH 63	17.5	LT	1	1	-	S82
859+24	USH 63	45.0	LT	1	1	-	S80
859+33	USH 63	30.1	LT	1	1	-	S81
860+78	USH 63	21.6	LT	1	-	1	S91
860+79	USH 63	40.5	LT	1	-	1	S90
[illegible]	USH 6	[illegible]	[illegible]	[illegible]	[illegible]	1	S900
861+84	USH 6	17.5	LT	[illegible]	[illegible]	1	S901
864+28	USH 6	18.8	LT	[illegible]	[illegible]	1	S109
[illegible]	USH 6	[illegible]	[illegible]	[illegible]	[illegible]	1	S110
868+4	USH 6	25.5	LT	[illegible]	[illegible]	[illegible]	S120
27+43	'BD'	0.0	-	[illegible]	[illegible]	[illegible]	S19.
28+27	'BD'	[illegible]	[illegible]	1	[illegible]	[illegible]	S19.2
STAGE 3 TOTALS				30	6	20	
UNDISTRIBUTED				8	1	6	
PROJECT TOTALS				91	14	66	

SAWING ASPHALT AND CONCRETE

STATION	-	STATION	LOCATION		690.0150 SAWING ASPHALT LF	690.0250 SAWING CONCRETE LF
CAT. 0010						
625+00	-	-	USH 63	-	30	-
8+78	-	-	'WS'	-	23	-
10+95	-	-	'LL'	-	22	-
708+52	-	-	USH 63	-	30	30
709+64	-	-	USH 63	-	30	30
9+06	-	-	'HL'	-	19	-
4+97	-	-	'HT'	-	22	-
8+25	-	-	'SE'	-	25	-
813+36	-	-	CE	LT	19	-
-	-	-	CHURCH	-	22	-
8+25	-	-	'PD'	RT	-	3
8+45	-	-	'PD'	RT	-	3
8+95	-	-	'PD'	-	34	5
10+76	-	-	'ID'	-	34	5
818+94	-	-	CE	LT	60	-
824+17	-	-	CE	LT	44	-
828+00	-	-	CE	LT	17	-
12+87	-	-	'3S'	-	22	-
10+78	-	-	'IB'	-	24	-
9+11	-	-	'1A'	-	21	-
11+28	-	-	'WL'	-	34	-
845+96	-	847+55	USH 63	LT	134	-
849+30	-	-	USH 63	LT	-	3
849+40	-	-	USH 63	LT	-	3
849+78	-	-	USH 63	LT	-	3
849+94	-	-	USH 63	LT	-	3
9+48	-	-	[illegible]	[illegible]	[illegible]	[illegible]
10+60	-	-	'P1'	[illegible]	2[illegible]	5
9+60	-	-	'P5'	[illegible]	26	5
10+6	-	-	[illegible]	[illegible]	25	5
9+3	-	-	'4A'	[illegible]	38	16
857+54	-	85[illegible]28	USH 63	L[illegible]	88	-
858+57	-	859+24	USH 63	LT	102	-
859+24	-	859+44	USH 63	LT	-	20
10+72	-	-	'P3'	RT	-	3
859+10	-	860+23	USH 63	RT	107	-
10+53	-	-	'P4'	LT	-	3
40+05	-	40+11	'SU'	RT	-	6
40+07	-	40+13	'SU'	RT	-	6
9+30	-	-	'5A'	RT	-	12
9+14	-	-	'5A'	-	57	-
9+58	-	-	'5A'	LT	-	10
861+37	-	861+46	USH 63	RT	-	9
862+10	-	862+25	USH 63	RT	-	16
862+87	-	864+35	USH 63	LT	195	-
862+81	-	863+45	USH 63	LT	179	-
6+90	-	8+64	'6A'	-	212	3
7+41	-	8+26	'6A'	LT	85	-
8+82	-	9+39	'6A'	LT	56	-
9+39	-	9+94	'6A'	LT	-	61
866+21	-	866+84	USH 63	LT	62	-
877+84	-	879+03	USH 63	LT	194	-
878+82	-	879+70	USH 63	RT	134	-
11+42	-	-	'B'	-	22	-
883+62	-	-	USH 63	-	30	-
ISLANDS			USH 63	-	640	-
			SUBTOTALS		2977	268

SAWING ASPHALT AND CONCRETE CONT'D

STATION	-	STATION	LOCATION		690.0150 SAWING ASPHALT LF	690.0250 SAWING CONCRETE LF
CAT. 0010						
STAGE 1B						
861+73	-	863+32	USH 63	LT	-	159
			STAGE 1B TOTALS		0	159
STAGE 2						
833+00	-	855+60	USH 63	-	-	2260
864+25	-	883+54	USH 63	-	-	1929
			STAGE 2 TOTALS		0	4189
STAGE 5						
9+62	-	9+76	'C3'	LT	36	-
9+66	-	9+87	'C3'	RT	29	-
883+63	-	883+86	USH 63	LT	23	-
			STAGE 5 TOTALS		88	0
			CAT. 0010 TOTALS		3065	4616
CAT. 0030						
9+30	-	13+08	'S2'	-	80	-
56+88	-	57+77	'S1'	-	139	-
			CAT. 0030 TOTALS		219	0
			PROJECT TOTALS		3284	4616

PRELIMINARY

PERMANENT SIGNING ITEMS (NB WOOD POSTS)

USH 63 STATION (APPROX.)	SIGN NO.	SIGN CODE	SIGN MESSAGE	SIGN SIZE W X H (INCHES)	637.2210 SIGNS TYPE II REFLECTIVE H SF	637.2230 SIGNS TYPE II REFLECTIVE F SF	634.0614 POSTS WOOD 4X6-INCH X 14-FT EACH	634.0616 POSTS WOOD 4X6-INCH X 16-FT EACH	638.2602 REMOVING SIGNS TYPE II EACH	638.3000 REMOVING SMALL SIGN SUPPORTS EACH	COMMENT
CAT. 0010											
NORTHBOUND - STAGE 2											
625+60	2	W14-3	NO PASSING ZONE	48 X 36	---	6.00	---	1	1	1	SIGN FACES SOUTHBOUND TRAFFIC
626+25	3	I55-56	ADOPT A HIGHWAY SHELL LAKE MASONIC LODGE NO 221	30 X 36	7.50	---	---	1	1	1	
628+75	6	R1-1	STOP	30 X 30	5.18	---	---	1	1	1	
629+35	7	M1-94	N Woodyard Rd (double arrows)	84 X 24	14.00	---	---	2	1	2	
632+80	11	R1-1	STOP	30 X 30	5.18	---	---	1	1	1	
661+90	14	W14-3	NO PASSING ZONE	48 X 36	---	6.00	---	1	1	1	SIGN FACES SOUTHBOUND TRAFFIC
690+30	17	M1-94	Lehman Lake Rd (right arrow)	102 X 15	10.63	---	---	2	1	2	
690+60	18	W14-3	NO PASSING ZONE	48 X 36	---	6.00	---	1	1	1	SIGN FACES SOUTHBOUND TRAFFIC
697+55	19	R1-1	STOP	30 X 30	5.18	---	---	1	1	1	
726+80	24	M1-94	Heart Lake Rd (left arrow)	96 X 15	10.00	---	---	2	1	2	
730+45	26	W14-3	NO PASSING ZONE	48 X 36	---	6.00	---	1	1	1	SIGN FACES SOUTHBOUND TRAFFIC
748+60	29	R1-1	STOP	30 X 30	5.18	---	1	---	1	1	SIGN ON OLD HWY. 63
778+45	36	J1-1	JCT COUNTY D	24 X 39	6.50	---	---	1	---	---	
778+55	37	N/A	JCT COUNTY D	---	---	---	---	---	1	1	
783+40	39	D1-1	Sarona (right arrow)	60 X 15	6.25	---	---	2	1	1	
788+30	42	J13-1	COUNTY D Right Arrow	24 X 45	7.50	---	---	1	---	---	
788+45	43	N/A	COUNTY D Right Ar	---	---	---	---	---	1	1	
789+45	51	R1-1	STOP	30 X 30	5	---	---	---	---	---	
789+85	52	R1-1	STOP	30 X 30	1	---	---	---	1	1	
793+20	54	I55-56	ADOPT A [illegible] SHELL L[illegible]E STATE BANK	30 X 36	50	---	---	1	---	1	
795+65	57	N/A	SCHOOL ENTRANCE	---	---	---	---	---	---	---	EXISTING SIGN IS ON SAME POST AS NPZ SIGN
795+65	58	W14-3	NO PASSING ZONE	48 X 36	---	6.00	---	1	1	1	SIGN FACES SOUTHBOUND TRAFFIC
798+60	62	S1-1	School Zone Advance	36 X 36	---	6.75	---	1	1	1	
800+18	65	W3-5	Reduced Speed Ahead 45	36 X 36	9.00	---	---	1	1	1	
805+28	73	R2-1	SPEED LIMIT 45	24 X 30	5.00	---	1	---	1	1	INSTALL LEFT OF DRIVER FEEDBACK SIGN
810+12	79	M1-94	Industrial Blvd (right arrow)	96 X 15	10.00	---	---	2	1	2	
810+12	80	M1-94	Pederson Dr (left arrow)	84 X 15	8.75	---	---	---	1	---	MOUNT SIGN BELOW 'INDUSTRIAL BLVD' SIGN
813+87	82	R2-1	SPEED LIMIT 45	24 X 30	5.00	---	1	---	1	1	
814+32	84	W14-3	NO PASSING ZONE	48 X 36	---	6.00	---	1	1	1	SIGN FACES SOUTHBOUND TRAFFIC
817+32	88	R1-1	STOP	30 X 30	5.18	---	1	---	1	1	
820+75	93	R2-1	SPEED LIMIT 45	24 X 30	5.00	---	1	---	1	1	
831+36	100	R1-1	STOP	30 X 30	5.18	---	1	---	1	1	
833+80	102	R2-1	SPEED LIMIT 45	24 X 30	5.00	---	1	---	1	1	
838+12	106	I2-3	Shell Lake POPULATION 1347	72 X 24	12.00		2	---	1	1	
840+98	111	R2-1	SPEED LIMIT 35	24 X 30	5.00	---	1	---	1	1	INSTALL LEFT OF DRIVER FEEDBACK SIGN
844+70	116	I5-1	Airport symbol	24 X 24	4.00	---	---	1	1	1	
844+70	117	MG6-1	Right Arrow	21 X 21	3.06	---	---	---	---	---	WHITE ARROW ON GREEN BACKGROUND
866+07	198	R1-1	STOP	30 X 30	5.18	---	1	---	---	---	
866+55	201	R3-9D	END	24 X 6	1.00	---	---	---	---	---	MOUNT SIGN ABOVE R3-9B SIGN
866+55	202	R3-9B	CENTER LANE Left Turn ONLY	24 X 36	6.00	---	---	1	---	---	
869+14	209	N/A	STOP	---	---	---	---	---	1	1	
869+66	212	N/A	SPEED LIMIT 35	---	---	---	---	---	1	1	SEE MOVING SIGN TABLE
869+90	213	R1-1	STOP	30 X 30	5.18	---	1	---	1	1	
870+54	214	N/A	STOP	---	---	---	---	---	1	1	
874+66	218	R1-1	STOP	30 X 30	5.18	---	1	---	1	1	
876+68	220	R2-1	SPEED LIMIT 35	24 X 30	5.00	---	1	---	1	---	EXISTING SIGN ON POWER POLE
881+19	228	J13-1	COUNTY B Right Arrow	24 X 45	7.50	---	---	1	1	1	
882+40	232	R1-1	STOP	30 X 30	5.18	---	1	---	1	1	
			SUB-TOTALS		223.35	42.75	17	28	41	42	

PRELIMINARY

PERMANENT SIGNING ITEMS (SB WOOD POSTS)

USH 63 STATION (APPROX.)	SIGN NO.	SIGN CODE	SIGN MESSGAE	SIGN SIZE W X L (INCHES)	637.2210 SIGNS TYPE II REFLECTIVE H SF	637.2230 SIGNS TYPE II REFLECTIVE F SF	634.0614 POSTS WOOD 4X4-INCH X 14-FT EACH	634.0616 POSTS WOOD 4X4-INCH X 16-FT EACH	638.2602 REMOVING SIGNS TYPE II EACH	638.3000 REMOVING SMALL SIGN SUPPORTS EACH	
CAT. 0010											
SOUTHBOUND - STAGE 3											
627+30	4	R1-1	STOP	30 X 30	5.18	---	---	1	1	1	
631+85	8	M1-94	Woodyard Rd (double arrows)	72 X 24	12.00	---	---	2	1	2	
633+00	9	R1-1	STOP	30 X 30	5.18	---	---	1	1	1	
639+95	12	M1-94	N Woodyard Rd (double arrows)	84 X 24	14.00	---	---	2	1	2	
642+10	13	W14-3	NO PASSING ZONE	48 X 36	---	6.00	---	1	1	1	SIGN FACES NORTHBOUND TRAFFIC
669+15	15	N/A	END MILE 3 START MILE 4	---	---	---	---	---	1	1	
673+15	16	W14-3	NO PASSING ZONE	48 X 36	---	6.00	---	1	1	1	SIGN FACES NORTHBOUND TRAFFIC
704+25	21	M1-94	Lehman Lake Rd (left arrow)	102 X 15	10.63	---	---	2	1	2	
713+25	22	W14-3	NO PASSING ZONE	48 X 36	---	6.00	---	1	1	1	SIGN FACES NORTHBOUND TRAFFIC
721+95	23	N/A	END MILE 2 START MILE 3	---	---	---	---	---	1	1	
733+25	27	R1-1	STOP	30 X 30	5.18	---	---	1	1	1	
740+70	28	M1-94	Heart Lake Rd (right arrow)	96 X 15	10.00	---	---	2	1	2	
774+75	33	N/A	END MILE 1 START MILE 2	---	---	---	---	---	1	1	
778+40	34	I55-56	ADOPT A HIGHWAY SHELL LAKE MASONIC LODGE NO 221	30 X 36	7.50	---	---	1	1	1	
783+50	41	W14-3	NO PASSING ZONE	48 X 36	---	6.00	---	1	1	1	SIGN FACES NORTHBOUND TRAFFIC
788+40	46	R1-1	STOP	30 X 30	5.18	---	---	1	1	1	
789+05	47	R1-1	STOP	30 X 30	5.18	---	---	1	1	1	LEFT SIDE OF HILLTOP RD INTERSECTION
789+55	48	N/A N/A	COUNTY D Left Arrow	--- ---	--- ---	--- ---	--- ---	--- ---	1	1	
789+65	49	J13-1	COUNTY D Left Arrow	24 X 45	7.50	---	---	1	---	---	
795+40	56	D1-1	Sarona (left arrow)	60 X 15	6.25		---	2	1	1	
800+25	66	W14-3	NO PASSING ZONE	48 X 36	---	6.00	---	---	1	---	SIGN FACES NORTHBOUND TRAFFIC
800+25	68	J1-1	JCT COUNTY D	24 X 39	6.50	---	---	1	1	1	MOUNT J-ASSEMBLY OPPOSITE W14-3 SIGN
805+28	77	N/A	SPEED LIMIT 55	---	---	---	1	---	1	1	
808+28	78	R1-1	STOP	30 X 30	5.18	---	---	1	1	1	
814+35	86	R2-1	SPEED LIMIT 45	24 X 30	5.00	---	1	---	1	1	
816+48	87	R1-1	STOP	30 X 30	5.18	---	1	---	1	1	
818+35	89	S1-1	School Zone Advance	36 X 36	---	6.75	---	1	1	1	
820+75	94	R2-1	SPEED LIMIT 55	24 X 30	5.00	---	---	---	1	1	
821+60	95	N/A	ENTRANCE	---	---	---	---	---	1	1	
810+12	96	M1-94	Pederson Dr (right arrow)	84 X 15	8.75	---	---	2	1	2	
826+55	97	N/A	MEASURED MILE STARTS HERE	---	---	---	---	---	1	1	
830+02	98	N/A	Deer Crossing symbol			---	---	---	1	1	
830+88	99	R1-1	STOP	30 X 30	5.18	---	1	---	1	1	
833+00	101	J4-1	SOUTH 63 US Route Marker	24 X 36	6.00	---	---	1	---	---	
835+35	103	N/A		---	---	---	---	---	1	1	
836+32	104	M1-94	Industrial Blvd (left arrow)	96 X 15	10.00	---	---	2	1	2	
838+22 838+22	107	N/A N/A	SOUTH 63 US Route Marker		---	---	---	---	1	---	
838+22	109		Cumberland 15	90 X 15	9.38	---	---	2	1	2	
840+96	113	R2-1	SPEED LIMIT 45	24 X 30	5.00	---	1	---	1	1	
843+98	114	R3-9D	END	24 X 6	1.00	---	---	---	---	---	MOUNT SIGN ABOVE R3-9B SIGN
843+98	115	R3-9B	CENTER LANE Left Turn ONLY	24 X 36	6.00	---	---	1	---	---	
866+40	197	J13-1	COUNTY B Right Arrow	24 X 45	7.50	---	---	1	---	---	
866+40	198	R7-1R	NO PARKING ANY TIME (right arrow)	18 X 24	3.00	---	---	---	1	1	MOUNT SIGN BELOW J13-1 SIGN
866+96	203	N/A N/A	COUNTY B Right Arrow	--- ---	--- ---	--- ---	--- ---	--- ---	1	1	
867+40	204	W11-2	Pedestrian Crossing symbol	30 X 30	6.25	---	1	---	---	---	
867+40	205	W16-9P	AHEAD	24 X 12	2.00	---	---	---	---	---	MOUNT SIGN BELOW W11-2 SIGN
867+82	207	N/A	Pedestrian Crossing symbol	---	---	---	---	---	1	1	
869+42	208	R7-1D	NO PARKING ANY TIME (double arrows)	18 X 24	3.00	---	1	---	1	1	
869+65	211	N/A	SPEED LIMIT 35	---	---	---	---	---	1	1	
872+00	216	R7-1L	NO PARKING ANY TIME (left arrow)	18 X 24	3.00	---	---	---	1	1	
873+75	217	R2-1	SPEED LIMIT 35	24 X 30	5.00	---	---	1	---	---	
875+65	219	R7-1R	NO PARKING ANY TIME (right arrow)	18 X 24	3.00	---	1	---	---	---	
877+34	221	N/A	SPEED LIMIT 35	---	---	---	---	---	1	1	
877+34	222	N/A	NO PARKING WITHIN 8 FT OF PAVEMENT	---	---	---	---	---	1	---	
878+15	223	R7-1D	NO PARKING ANY TIME (double arrows)	18 X 24	3.00	---	1	---	---	---	
879+67	224	W14-3	NO PASSING ZONE	48 X 36	---	6.00	---	1	1	1	SIGN FACES NORTHBOUND TRAFFIC
880+02	225	N/A	NO PARKING WITHIN 8 FT OF PAVEMENT	---	---	---	---	---	1	1	
880+65	226	R7-1L	NO PARKING ANY TIME (left arrow)	18 X 24	3.00	---	1	---	---	---	
882+22	231	J12-1	COUNTY B Directional Arrows LA/UA Combo	24 X 45	7.50	---	---	1	1	1	
885+38	233	R2-1	SPEED LIMIT 35	24 X 30	5.00	---	1	---	1	1	INSTALL LEFT OF DRIVER FEEDBACK SIGN
			SUB-TOTALS		223.20	42.75	12	36	49	53	
			TOTALS		446.55	85.50	29	64	90	95	CAT. 0100 WOOD POSTS TOTALS

PRELIMINARY

PERMANENT SIGNING ITEMS (NB STEEL POSTS)

USH 63 STATION (APPROX.)	SIGN NO.	SIGN CODE	SIGN MESSAGE	SIGN SIZE W X H (INCHES)	637.2210 SIGNS TYPE II REFLECTIVE H SF	637.2230 SIGNS TYPE II REFLECTIVE F SF	634.0808 POSTS TUBULAR STEEL 2X2-INCH X 8-FT EACH	634.0809 POSTS TUBULAR STEEL 2X2-INCH X 9.5-FT EACH	634.0811 POSTS TUBULAR STEEL 2X2-INCH X 11-FT EACH	634.0812 POSTS TUBULAR STEEL 2X2-INCH X 12-FT EACH	638.2602 REMOVING SIGNS TYPE II EACH	638.3000 REMOVING SMALL SIGN SUPPORTS EACH	COMMENT
CAT. 0010													
NORTHBOUND - STAGE 2													
789+50	50	W12-1D	Double down arrows	24 X 24	---	4.00	1	---	---	---	---	---	SEE SDD FOR MOUNTING HEIGHT
846+05	120	R1-1	STOP	30 X 30	5.18	---	---	1	---	---	1	1	
847+02	123	R3-9C	BEGIN	24 X 6	1.00	---	---	---	---	---	---	---	MOUNT SIGN ABOVE R3-9B SIGN
847+02	124	R3-9B	CENTER LANE Left Turn ONLY	24 X 36	6.00	---	---	---	1	---	---	---	
847+29	126	N/A	SPEED LIMIT 35	---	---	---	---	---	---	---	1	1	
849+80	131A	W11-2	Pedestrian Crossing symbol	30 X 30	---	6.25	---	---	1	---	---	---	
849+80	131B	W16-7L	Down Arrow Left	24 X 12	---	2.00	---	---	---	---	---	---	MOUNT SIGN BELOW W11-2 SIGN
852+20	134	R2-1	SPEED LIMIT 35	24 X 30	5.00	---	---	1	---	---	1	1	SEE MOVING SIGN TABLE
853+74	135	R1-1	STOP	30 X 30	5.18	---	---	1	---	---	1	1	
854+15	137	N/A	Hospital symbol Left Arrow	--- ---	--- ---	--- ---	--- ---	--- ---	--- ---	--- ---	1	1	SEE MOVING SIGN TABLE
854+95	138	W11-2	Pedestrian Crossing symbol	30 X 30	---	6.25	---	---	1	---	---	---	
854+95	139	W16-9P	AHEAD	24 X 12	---	2.00	---	---	---	---	---	---	MOUNT SIGN BELOW W11-2 SIGN
855+88	140	D9-2	Hospital symbol	24 X 24	4.00	---	---	---	1	---	---	---	
855+88	141	MB6-1	Left Arrow	21 X 21	3.06	---	---	---		---	---	---	WHITE ARROW ON BLUE BACKGROUND
856+47	142	N/A	Ped[illegible]bol	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	1	
857+36	146	R1-1	STO[illegible]	[illegible]0 X 30	5.[illegible]	[illegible]	[illegible]	1	[illegible]	[illegible]	[illegible]	1	
858+22	147	D1-56SL	Bus[illegible]ess Distri[illegible]w/ L[illegible]t arrow	[illegible]2 X 21	6.[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	1	[illegible]	[illegible]	SEE MOVING SIGNS TABLE FOR ADD'L SIGNS
860+00	153	R5-1	DO [illegible]	[illegible]0 X 30	6.[illegible]	[illegible]	[illegible]	1	[illegible]	[illegible]	[illegible]	[illegible]	
860+42	154	R1-1	STO[illegible]	[illegible]0 X 30	5.[illegible]	[illegible]	[illegible]	1	[illegible]	[illegible]	[illegible]	[illegible]	
860+50	157	N/A	Ped[illegible]trian Crossing s[illegible]mbol	---	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	REMOVE FROM LIGHT POLE
860+54	158	W11-2	Pedestrian Crossing symbol	[illegible]0 X 30	---	6.25	---	---	1	---	---	---	
860+54	159	W16-7L	Down Arrow Left	24 X 12	---	2.00	---	---	---	---	---	---	MOUNT SIGN BELOW W11-2 SIGN
860+90	164	R7-1L	NO PARKING ANY TIME (left arrow)	18 X 24	3.00	---	1	---	---	---	1	1	
861+66	165	R4-7	Keep Right symbol	24 X 30	5.00	---	---	1	---	---	---	---	SIGN FACES NB TRAFFIC IN REFUGE ISLAND
861+86	168	W11-2	Pedestrian Crossing symbol	30 X 30	---	6.25	---	---	---	---	---	---	SIGN FACES SB TRAFFIC ON POLE
861+86	169	W16-7R	Down Arrow Right	24 X 12	---	2.00	---	---	---	---	---	---	MOUNT SIGN BELOW W11-2 SIGN
862+20	178	N/A	JCT COUNTY B	--- ---	--- ---	--- ---	--- ---	--- ---	--- ---	--- ---	1	1	
862+26	179	N/A	NO PARKING ANY TIME (double arrows)	---	---	---	---	---	---	---	1	1	
862+28	181	J1-1	JCT COUNTY B	24 X 39	6.50	---	---	---	1	---	---	---	
863+24	183	W5-1	ROAD NARROWS	36 X 36	9.00	---	---	---	---	1	1	1	
863+24	184	R7-1R	NO PARKING ANY TIME (right arrow)	18 X 24	3.00	---	---	---	---	---	1	1	MOUNT SIGN BELOW W5-1 SIGN
865+13	195	J12-1	COUNTY B Directional Arrows LA/UA Combo	24 X 45	7.50	---	---	---	1	---	1	1	
			SUB-TOTALS		86.16	37.00	2	7	7	2	15	14	

PRELIMINARY

PERMANENT SIGNING ITEMS (SB STEEL POSTS)

USH 63 STATION (APPROX.)	SIGN NO.	SIGN CODE	SIGN MESSAGE	SIGN SIZE W X H (INCHES)	637.2210 SIGNS TYPE II REFLECTIVE H SF	637.2230 SIGNS TYPE II REFLECTIVE F SF	634.0808 POSTS TUBULAR STEEL 2X2-INCH X 8-FT EACH	634.0809 POSTS TUBULAR STEEL 2X2-INCH X 9.5-FT EACH	634.0811 POSTS TUBULAR STEEL 2X2-INCH X 11-FT EACH	634.0812 POSTS TUBULAR STEEL 2X2-INCH X 12-FT EACH	638.2602 REMOVING SIGNS TYPE II EACH	638.3000 REMOVING SMALL SIGN SUPPORTS EACH	COMMENT
CAT. 0010													
SOUTHBOUND - STAGE 3													
845+26	119	R1-1	STOP	30 X 30	5.18	---	---	1	---	---	1	1	
847+20	125	R1-1	STOP	30 X 30	5.18	---	---	1	---	---	---	---	
847+84	127	W5-1	ROAD NARROWS	36 X 36	9.00	---	---	---	---	1	---	---	
847+84	128	R7-1D	NO PARKING ANY TIME (double arrows)	18 X 24	3.00	---	---	---	---	---	---	---	MOUNT SIGN BELOW W5-1 SIGN
848+12	129	N/A	ROAD NARROWS	---	---	---	---	---	---	---	1	1	
848+12		N/A	NO PARKING ANY TIME (double arrows)	---	---	---	---	---	---	---	1	---	
848+84	130	I5-1	Airport symbol	24 X 24	4.00	---	---	---	1	---	---	---	WHITE ARROW ON GREEN BACKGROUND
848+84	131	MG6-1	Left Arrow	21 X 21	3.06	---	---	---		---	---	---	
849+94	132	N/A	Airport symbol	---	---	---	---	---	---	---	1	1	
		N/A	Left Arrow	---	---	---	---	---	---	---			
849+94	132A	W11-2	Pedestrian Crossing symbol	30 X 30	---	6.25	---	---	1	---	---	---	
849+94	132B	W16-7L	Down Arrow Left	24 X 12	---	2.00	---	---	---	---	---	---	MOUNT SIGN BELOW W11-2 SIGN
850+90	133	R1-1	STOP	30 X 30	5.18	---	---	1	---	---	1	1	
854+20	136	R2-1	SPEED LIMIT 35	24 X 30	5.00	---	---	---	1	---	1	1	
856+84	143	W11-2	Pedestrian Crossing symbol	30 X 30	---	6.25	---	---	1	---	---	---	
856+84	144	W16-7L	Down Arrow Left	24 X 12	---	2.00	---	---	---	---	---	---	MOUNT SIGN BELOW W11-2 SIGN
856+90	145	R1-1	STOP	30 X 30	5.18	---	---	1	---	---	1	1	
858+43	148	D9-2	Hospital symbol	24 X 24	4.00	---	---	---	1	---	1	1	SEE MOVING SIGNS TABLE
858+43	149	MB6-1	Left Arrow	21 X 21	3.06	---	---	---		---			
858+96	150	R1-1	STOP	30 X 30	5.18	---	---	1	---	---	---	---	
859+58	151	R3-9C	BEGIN	24 X 6	1.00	---	---	---	---	---	---	---	MOUNT SIGN ABOVE R3-9B SIGN
859+58	152	R3-9B	CENTER LANE Left Turn ONLY	24 X 36	6.00	---	---	---	1	---	---	---	
860+74	163	R1-1	STOP	30 X 30	5.18	---	---	---	---	---	1	---	BAND SIGN TO EXISTING LIGHT POLE
861+95	172	N/A	Pedestrian Crossing symbol	---	---	---	---	---	---	---	1	---	PAYMENT INCLUDES REMOVING BRACKET
862+02	173	W11-2	Pede[illegible]ng symbol	[illegible]	---	6.25	---	---	---	---	---	---	SIGN FACES NB TRAFFIC ON POLE
862+02	174	W16-7R	Down[illegible]rrow Righ	X 12	---	2.00	---	---	---	---	---	---	MOUNT SIGN BELOW W11-2 SIGN
863+25	182	R1-1	STOP	X 30	5.1	---	---	1	---	---	---	---	
864+00	186	D1-56SR	Busi[illegible]t w/ Ri[illegible] arro	X 21	6.1	---	---	---	---	---	---	1	
864+00	187	R7-1D	NO P[illegible]KING ANY TIME (double arrows)	X 24	3.0	---	---	---	---	---	---	---	MOUNT SIGN BELOW D1-56SR SIGN
864+92	193	R1-1	STOP	X 30	5.1	---	---	1	---	---	1	1	
878+15	223	R7-1D	NO PARKING ANY TIME (double arrows)	18 X 24	3.00	---	---	---	---	---	---	---	BUSINESS ENTRANCE ISLAND
			SUB-TOTALS		91.69	24.75	0	8	7	1	13	9	
			TOTALS		177.85	61.75	2	15	14	3	28	23	CAT. 0100 STEEL POSTS TOTALS
			CAT. 0010 PROJECT TOTALS		624.40	147.25	---	---	---	---	118	118	

PRELIMINARY

PERMANENT SIGNING ITEMS

USH 63 STATION (APPROX.)	SIGN NO.	SIGN CODE	SIGN MESSAGE	SIGN SIZE W X H (INCHES)	637.2210 SIGNS TYPE II REFLECTIVE H SF	634.0808 POSTS TUBULAR STEEL 2X2-INCH X 8-FT EACH	LOCATION
CAT. 0040							
861+86	171	R10-25	[illegible]	9 X 12	0.75	-	LOCATE ABOVE PUSH BUTTON ACTIVATION
862+02	175	R10-25	[illegible]	9 X 12	0.75	-	LOCATE ABOVE PUSH BUTTON ACTIVATION
863+58	189	R7-8A	RESERVED PARKING	12 X 18	1.5	1	BEACH PARKING LOT
863+73	190	R7-8A	RESERVED PARKING	12 X 18	1.5	1	BEACH PARKING LOT
863+91	191	R7-8A	RESERVED PARKING	12 X 18	1.5	1	BEACH PARKING LOT
			TOTALS		6.00	3	

PROJECT NO: 1560-31-71	HWY: USH 63	COUNTY: WASHBURN	MISCELLANEOUS QUANTITIES	SHEET /	E

FILE NAME : W:\NWBE_PROJECTS\DESIGN\1101_SHELL_LAKE_SS\C3D_12\030202_MQ.DWG PLOT DATE : 7/21/2014 4:42 PM PLOT BY : USER PLOT NAME : ---------- WISDOT/CADDS SHEET 43

PERMANENT SIGNING ITEMS CONTINUED

USH 63 STATION (APPROX.)	SIGN NO.	SIGN CODE	SIGN MESSAGE	SIGN SIZE W X H (INCHES)	637.2210 SIGNS TYPE II REFLECTIVE H SF	637.2230 SIGNS TYPE II REFLECTIVE F SF	634.0612 POSTS WOOD 4X6-INCH X 12-FT EACH	634.0614 POSTS WOOD 4X6-INCH X 14-FT EACH	LOCATION
CAT. 0020									
830+67 RT	301	R1-1	STOP	18 X 18	1.86	---	1	---	ATV/Snomobile Trail
831+08 RT	302	R1-1	STOP	18 X 18	1.86	---	1	---	ATV/Snomobile Trail
831+14 RT	303	R1-1	STOP	18 X 18	1.86	---	1	---	SHARED-USE PATH
831+40 RT	304	R5-3	NO MOTOR VEHICLES	24 X 24	4.00	---	1	---	SHARED-USE PATH
845+35 RT	306	R5-3	NO MOTOR VEHICLES	24 X 24	4.00	---	1	---	SHARED-USE PATH
845+57 RT	307	R1-1	STOP	18 X 18	1.86	---	1	---	SHARED-USE PATH
845+56 RT	308	R1-1	STOP	18 X 18	1.86	---	1	---	ATV/Snomobile Trail
12+75 RT	309	W11-15	TRAIL CROSSING (BIKE & PED SYMBOL)	30 X 30	---	6.25	---	1	WEST LAKE DRIVE
845+98 RT	311	R1-1	STOP	18 X 18	1.86	---	1	---	ATV/Snomobile Trail
846+06 RT	312	R1-1	STOP	18 X 18	1.86	---	1	---	SHARED-USE PATH
846+30 RT	313	R5-3	NO MOTOR VEHICLES	24 X 24	4.00	---	1	---	SHARED-USE PATH
849+62 RT	314	R5-3	NO MOTOR VEHICLES	24 X 24	4.00	---	1	---	SHARED-USE PATH
849+77 RT	315	R1-2	YIELD	18 X 18 X 18	1.13	---	1	---	SHARED-USE PATH
850+10 RT	316	R5-3	NO MOTOR VEHICLES	24 X 24	4.00	---	1	---	SHARED-USE PATH
849+97 RT	317	R1-2	YIELD	18 X 18 X 18	1.13	---	1	---	SHARED-USE PATH
849+97 RT	318	R1-1	STOP	18 X 18	1.86	---	1	---	ATV/Snomobile Trail @ USH 63
849+77 RT	319	R1-1	STOP	18 X 18	1.86	---	1	---	ATV/Snomobile Trail @ USH 63
853+34 RT	321	R1-2	YIELD	18 X 18 X 18	1.13	---	1	---	SHARED-USE PATH
853+72 RT	322	R1-2	YIELD	18 X 18 X 18	1.13	---	1	---	SHARED-USE PATH
856+97 RT	323	R1-2	YIELD	18 X 18 X 18	1.13	---	1	---	SHARED-USE PATH
857+34 RT	324	R1-2	YIELD	18 X 18	[illegible]	---	1	---	SHARED-USE PATH
863+68 RT	325	R1-1	STOP	18 X [illegible]	1.86	---	1	---	ATV/Snomobile Trail @ USH 63
865+50 RT	327	R5-3	NO MOTOR VEHICLES	24 X [illegible]	4.00	---	1	---	SHARED-USE PATH
866+14 RT	328	R5-3	NO MOTOR VEHICLES	24 X [illegible]	[illegible]	---	1	---	SHARED-USE PATH
869+30 RT	329	R5-3	NO MOTOR VEHICLES	24 X 24	2.00	---	1	---	SHARED-USE PATH
869+50 RT	331	R1-1	STOP	18 X 18	1.86	---	1	---	ATV/Snomobile Trail @ USH 63
869+50 RT	332	R1-1	STOP	18 X 18	1.86	---	1	---	SHARED-USE PATH
869+80 RT	333	R1-1	STOP	18 X 18	1.86	---	1	---	ATV/Snomobile Trail @ USH 63
869+82 RT	334	R1-1	STOP	18 X 18	1.86	---	1	---	SHARED-USE PATH
870+02 RT	335	R5-3	NO MOTOR VEHICLES	24 X 24	4.00	---	1	---	SHARED-USE PATH
874+00 RT	336	R5-3	NO MOTOR VEHICLES	24 X 24	4.00	---	1	---	SHARED-USE PATH
874+22 RT	337	R1-1	STOP	18 X 18	1.86	---	1	---	ATV/Snomobile Trail @ USH 63
874+20 RT	338	R1-1	STOP	18 X 18	1.86	---	1	---	SHARED-USE PATH
874+68 RT	339	R5-3	NO MOTOR VEHICLES	24 X 24	4.00	---	1	---	SHARED-USE PATH
874+52 RT	341	R1-1	STOP	18 X 18	1.86	---	1	---	SHARED-USE PATH
874+52 RT	342	R1-1	STOP	18 X 18	1.86	---	1	---	ATV/Snomobile Trail @ USH 63
882+00 RT	343	R5-3	NO MOTOR VEHICLES	24 X 24	4.00	---	1	---	SHARED-USE PATH
882+40 RT	344	R1-1	STOP	18 X 18	1.86	---	1	---	SHARED-USE PATH
			TOTALS		88.12	6.25	37	1	

MOVING SIGNS TYPE II

USH 63 STATION (APPROX.)	SIGN NO.	SIGN CODE	SIGN MESSAGE	638.2102 MOVING SIGNS TYPE II EACH	LOCATION
CAT. 0010					
798+60 NB	63	S16-9P	AHEAD plaque	1	MOVE SIGN TO POST BELOW S1-1 SIGN
798+60 NB	64	R2-6P	FINES HIGHER	1	MOVE SIGN BELOW S16-9P SIGN
813+87 NB	83	S5-2	END SCHOOL ZONE	1	MOVE SIGN TO POST BELOW R2-1 SIGN
802+00 SB	69	S5-2	END SCHOOL ZONE	1	MOVE SIGN WITH POST
818+35 SB	90	S16-9P	AHEAD plaque	1	MOVE SIGN TO POST BELOW S1-1 SIGN
818+35 SB	91	R2-6P	FINES HIGHER	1	MOVE SIGN BELOW S16-9P SIGN
841+40 NB	111	---	SPEED LIMIT 35	1	MOVE SIGN FOR STAGE 2 TRAFFIC
844+70 NB	118	---	NO PARKING ON CITY STREETS w/times	1	MOVE SIGN TO POST BELOW I5-1 ASSEMBLY
852+30 NB	134	---	SPEED LIMIT 35	1	MOVE SIGN FOR STAGE 2 TRAFFIC
854+30 NB	137	---	Hospital symbol	1	MOVE SIGN FOR STAGE 2 TRAFFIC
854+30 NB	---	---	Left Arrow	1	MOVE SIGN WITH HOSPITAL SIGN
858+45 SB	148	---	Hospital symbol	1	MOVE SIGN WITH POST FOR STAGE 2 TRAFFIC
858+45 SB	149	---	Left Arrow	1	MOVE SIGN WITH HOSPITAL SIGN
858+22 NB	155	---	Library symbol	1	MOVE SIGN BELOW D1-56SR SIGN
858+22 NB	156	---	Left Arrow	1	MOVE SIGN BELOW LIBRARY SIGN
867+80 NB	212	---	SPEED LIMIT 35	1	MOVE SIGN FOR STAGE 2 TRAFFIC
877+30 SB	221	---	SPEED LIMIT 35	1	MOVE SIGN WITH POST FOR STAGE 2 TRAFFIC
882+20 SB	231	---	COUNTY B	1	MOVE SIGN WITH POST FOR STAGE 2 TRAFFIC
882+20 SB	---	---	Directional Arrows LA/UA Combo	1	MOVE SIGN WITH 'COUNTY B' SIGN
885+35 SB	233	---	SPEED LIMIT 35	1	MOVE SIGN FOR STAGE 2 TRAFFIC
877+25 SB	221	---	SPEED LIMIT 35	1	MOVE SIGN FOR STAGE 3 TRAFFIC
882+20 SB	231	---	COUNTY B	1	MOVE SIGN FOR STAGE 3 TRAFFIC
882+20 SB	---	---	Directional Arrows LA/UA Combo	1	MOVE SIGN WITH 'COUNTY B' SIGN
885+30 SB	233	---	SPEED LIMIT 35	1	MOVE SIGN FOR STAGE 3 TRAFFIC
			PROJECT TOTAL	24	

FIELD OFFICE TYPE C

LOCATION	642.5201 FIELD OFFICE TYPE C EACH
USH 63	1
PROJECT TOTAL	1

TRAFFIC CONTROL

LOCATION	643.0100.01 TRAFFIC CONTROL 1560-31-71 EACH
USH 63	1
PROJECT TOTAL	1

TRAFFIC CONTROL DETOUR

LOCATION	643.2000.01 TRAFFIC CONTROL DETOUR 1560-31-71 EACH
USH 63	1
PROJECT TOTAL	1

PRELIMINARY

PAVEMENT MARKING EPOXY 4-INCH

STATION - STATION	LOCATION	646.0106 PAVEMENT MARKING EPOXY 4-INCH LF	TYPE
CAT. 0010			
624+80 - 788+50	USH 63 RT	16370	EDGELINE
624+80 - 788+17	USH 63 LT	16337	EDGELINE
789+49 - 808+00	USH 63 LT	1851	EDGELINE
790+10 - 816+64	USH 63 RT	2654	EDGELINE
809+29 - 816+20	USH 63 LT	691	EDGELINE
817+61 - 823+58	USH 63 LT	597	EDGELINE
824+62 - 830+75	USH 63 LT	613	EDGELINE
817+54 - 830+75	USH 63 RT	1321	EDGELINE
831+50 - 845+03	USH 63 RT	1353	EDGELINE
831+50 - 845+03	USH 63 LT	1353	EDGELINE
868+54 - 883+82	USH 63 LT	1528	EDGELINE
882+63 - 883+82	USH 63 RT	119	EDGELINE
624+00 - 779+18	USH 63 CL	3880	CENTERLINE SKIPS
615+00 - 625+60	USH 63 CL	1060	NO PASSING SB
642+10 - 650+55	USH 63 CL	845	NO PASSING NB
654+20 - 661+90	USH 63 CL	770	NO PASSING SB
673+15 - 679+95	USH 63 CL	680	NO PASSING NB
686+85 - 690+60	USH 63 CL	375	NO PASSING SB
713+25 - 719+05	USH 63 CL	580	NO PASSING NB
724+10 - 730+45	USH 63 CL	635	NO PASSING SB
774+18 - 779+18	USH 63 CL	500	NO PASSING NB
10+50 - 11+65	CTH D RT	115	EDGELINE
10+97 - 11+65	CTH D LT	68	EDGELINE
08+54 - 09+62	6TH AVE LT	108	[illegible]
08+54 - 08+87	6TH AVE RT	33	EDGELI[illegible]
877+17 - 879+15	SHELL LAKE MARINE	204	YEL[illegible]W (PARK[illegible]G LO
10+67 - 11+53	CTH B EAST RT	86	[illegible]
10+83 - 11+53	CTH B EAST LT	70	EDGELINE
	PROJECT TOTAL	54796	

PAVEMENT MARKING EPOXY 8-INCH

STATION - STATION	LOCATION	646.0126 PAVEMENT MARKING EPOXY 8-INCH LF	TYPE
CAT. 0010			
784+99 - 788+49	USH 63 RT TURN LANE	350	CHANNELIZING LINE
785+78 - 788+49	USH 63 LT TURN LANE	271	CHANNELIZING LINE
10+77 - 10+94	CTH D TURN ISLAND	34	CHANNELIZING LINES
789+49 - 791+49	USH 63 RT TURN LANE	200	CHANNELIZING LINE
789+49 - 793+57	USH 63 LT TURN LANE	408	CHANNELIZING LINE
804+02 - 808+02	USH 63 LT TURN LANE	400	CHANNELIZING LINE
809+26 - 812+79	USH 63 LANE DIVIDER	353	CHANNELIZING LINE
809+26 - 812+79	USH 63 RT TURN LANE	353	CHANNELIZING LINE
817+61 - 819+61	USH 63 RT TURN LANE	200	CHANNELIZING LINE
843+03 - 845+03	USH 63 RT TURN LANE	200	CHANNELIZING LINE
843+03 - 845+03	USH 63 LT TURN LANE	200	CHANNELIZING LINE
856+27 - 856+77	USH 63 LT TURN LANE	50	CHANNELIZING LINE
860+15 - 860+59	USH 63 LT TURN LANE	44	CHANNELIZING LINE
863+65 - 865+35	USH 63 LT TURN LANE	170	CHANNELIZING LINE
866+21 - 867+23	USH 63 LT TURN LANE	102	CHANNELIZING LINE
866+21 - 868+55	USH 63 RT TURN LANE	234	CHANNELIZING LINE
879+37 - 881+37	USH 63 RT TURN LANE	200	CHANNELIZING LINE
	PROJECT TOTAL	3769	

PAVEMENT MARKING SAME DAY EPOXY 4-INCH

STATION - STATION	LOCATION	646.0406 PAVEMENT MARKING SAME DAY EPOXY 4-INCH LF	TYPE
CAT. 0010			
624+00 - 779+18	USH 63 CL	3880	CENTERLINE SKIPS
815+60 - 836+53	USH 63 CL	523	CENTERLINE SKIPS
871+68 - 884+65	USH 63 CL	324	CENTERLINE SKIPS
615+00 - 625+60	USH 63 CL	1060	NO PASSING SB
642+10 - 650+55	USH 63 CL	845	NO PASSING NB
654+20 - 661+90	USH 63 CL	770	NO PASSING SB
673+15 - 679+95	USH 63 CL	680	NO PASSING NB
686+85 - 690+60	USH 63 CL	375	NO PASSING SB
713+25 - 719+05	USH 63 CL	580	NO PASSING NB
724+10 - 730+45	USH 63 CL	635	NO PASSING SB
774+18 - 779+18	USH 63 CL	500	NO PASSING NB
779+18 - 785+78	USH 63 MEDIAN	1320	DOUBLE YELLOW
779+18 - 788+49	USH 63 CL	1862	DOUBLE YELLOW
10+38 - 11+65	CTH D CL	254	DOUBLE YELLOW
789+49 - 804+02	USH 63 MEDIAN	2906	DOUBLE YELLOW
793+57 - 808+02	USH 63 CL	2890	DOUBLE YELLOW
809+00 - 815+59	USH 63 MEDIAN	1318	DOUBLE YELLOW
809+00 - 816+64	USH 63 CL	1528	DOUBLE YELLOW
817+53 - 821+12	USH 63 CL	718	DOUBLE YELLOW
831+53 - 836+53	USH 63 CL	500	NO PASSING NB
836+53 - 843+03	USH 63 MEDIAN	1300	DOUBLE YELLOW
836+53 - 845+03	USH 63 CL	1700	DOUBLE YELLOW
[illegible]32	856+30 TW[illegible]WAY[illegible]T TURN LA[illegible]	[illegible]48	NO PASSING N[illegible]
846+32	856+30 TW[illegible]WAY[illegible]T TURN LA[illegible]	[illegible]48	NO PASSING [illegible]
857+74	860+19 TW[illegible]WAY[illegible]EFT TURN L[illegible]	[illegible]06	NO PASSING[illegible]B
[illegible]74	860+19 TW[illegible]WAY[illegible]EFT TURN L[illegible]	[illegible]06	NO PASSING[illegible]B
09+29	09+66 5T[illegible]AVE[illegible]	[illegible]74	[illegible]O[illegible]LE YE[illegible]
862+50	863+30 USH[illegible]MED[illegible]	[illegible]60	D[illegible]LE YELLOW
[illegible]60	[illegible] USH 63 CL	[illegible]60	DO[illegible]LE YELLOW
863+65 - 864+31	USH 63 MEDIAN	132	DOUBLE YELLOW
863+65 - 864+31	USH 63 CL	132	DOUBLE YELLOW
08+54 - 09+50	6TH AVE CL	192	DOUBLE YELLOW
866+21 - 869+29	USH 63 MEDIAN	616	DOUBLE YELLOW
866+21 - 869+29	USH 63 CL	616	DOUBLE YELLOW
869+95 - 871+68	USH 63 MEDIAN	346	DOUBLE YELLOW
869+95 - 871+68	USH 63 CL	346	DOUBLE YELLOW
879+67 - 888+65	USH 63 CL	898	NO PASSING NB
10+47 - 11+53	CTH B EAST CL	212	DOUBLE YELLOW
	PROJECT TOTAL	33460	

PAVEMENT MARKING - PARKING LOTS

STATION - STATION	LOCATION	647.0256 PAVEMENT MARKING SYMBOLS EPOXY EACH	647.0656 PAVEMENT MARKING PARKING STALL EPOXY LF	647.0716 PAVEMENT MARKING DIAGONAL EPOXY 8-INCH LF	COMMENTS
CAT. 0040 STAGE 4					
863+63 - 864+11	PARKING LOT LT	-	24	-	4" WHITE
863+55 - 866+80	PARKING LOT RT	-	1275	-	4" WHITE
863+55 - 866+80	PARKING LOT RT	-	-	230	YELLOW
863+55 - 866+80	PARKING LOT RT	3	-	-	HANDICAP
	PROJECT TOTALS	3	1299	230	

LOCATING NO-PASSING ZONES

STATION	LOCATION	648.0100 LOCATING NO-PASSING ZONES MI
CAT. 0010		
625+00 - 779+18	USH 63	2.920
815+35 - 836+25	USH 63	0.396
871+60 - 883+62	USH 63	0.228
PROJECT TOTAL		3.544

CONSTRUCTION STAKING PIPE CULVERTS

STATION	LOCATION		650.6000 CONSTRUCTION STAKING PIPE CUVLERTS EACH
CAT 0010			
009+41	'WN'	-	1
656+[illegible]	USH 63	RT	1
719+08	USH 63	-	1
[illegible]+34	USH 63	-	1
[illegible]0+84	USH 63	-	1
[illegible]0+00	USH 63	-	2
[illegible]5+52	USH 63	-	1
795+55	USH 63	RT	1
799+60	USH 63	LT	1
813+04	USH 63	-	1
011+25	'C1'	-	1
010+40	'T3'	-	1
830+90	USH 63	LT	1
010+25	'SU'	-	1
836+05	USH 63	-	1
884+35	USH 63	LT	1
010+57	'LA'	RT	1
PROJECT TOTAL			18

PRELIMINARY

PAVEMENT MARKING ITEMS

STATION	-	STATION	LOCATION	647.0166 PAVEMENT MARKING ARROWS TYPE 2 EPOXY EACH	647.0356 PAVEMENT MARKING WORDS EPOXY EACH	647.0456 PAVEMENT MARKING CURB EPOXY LF	647.0606 PAVEMENT MARKING ISLAND NOSE EPOXY EACH	647.0716 PAVEMENT MARKING DIAGONAL EPOXY 8-INCH LF	647.0726 PAVEMENT MARKING DIAGONAL EPOXY 12-INCH LF	647.0766 PAVEMENT MARKING CROSSWALK EPOXY 6-INCH LF	647.0796 PAVEMENT MARKING CROSSWALK EPOXY 24-INCH LF
CAT 0010											
780+80	-	785+33	USH 63 MEDIAN	---	---	---	---	---	159	---	---
785+98			USH 63 NB LT TURN LANE	1	---	---	---	---	---	---	---
785+98			USH 63 NB RT TURN LANE	1	---	---	---	---	---	---	---
787+04			USH 63 NB LT TURN LANE	---	1	---	---	---	---	---	---
788+09			USH 63 NB LT TURN LANE	1	---	---	---	---	---	---	---
788+09			USH 63 NB RT TURN LANE	1	---	---	---	---	---	---	---
789+79			USH 63 SB LT TURN LANE	1	---	---	---	---	---	---	---
789+79			USH 63 SB RT TURN LANE	1	---	---	---	---	---	---	---
791+29			USH 63 SB RT TURN LANE	1	---	---	---	---	---	---	---
791+62			USH 63 SB LT TURN LANE	---	1	---	---	---	---	---	---
793+37			USH 63 SB LT TURN LANE	1	---	---	---	---	---	---	---
794+15	-	803+58	USH 63 MEDIAN	---	---	---	---	---	546	---	---
804+22			USH 63 NB LT TURN LANE	1	---	---	---	---	---	---	---
805+92			USH 63 NB LT TURN LANE	---	1	---	---	---	---	---	---
807+62			USH 63 NB LT TURN LANE	1	---	---	---	---	---	---	---
809+13	-	814+16	USH 63 MEDIAN	---	---	---	---	---	228	---	---
837+90	-	842+70	USH 63 MEDIAN	---	---	---	---	---	192	---	---
843+23			USH 63 NB LT TURN LANE	1	---	---	---	---	---	---	---
843+23			USH 63 NB RT TURN LANE	1	---	---	---	---	---	---	---
843+95			USH 63 NB LT TURN LANE	---	1	---	---	---	---	---	---
844+65			USH 63 NB LT TURN LANE	1	---	---	---	---	---	---	---
844+65			USH 63 NB RT TURN LANE	1	---	---	---	---	---	---	---
846+29			USH 63 CROSSWALK	---	---	---	---	---	---	---	84
846+96			TWO WAY LT TURN LANE	2	---	---	---	---	---	---	---
849+34			USH 63 CROSSWALK	---	---	---	---	---	---	---	66
850+65			TWO WAY LT TURN LANE	---	---	---	---	---	---	---	---
850+94	-	851+42	2ND AVE CROSSWALK	---	---	---	---	---	---	86	---
854+65			TWO WAY LT TURN LANE	---	---	---	---	---	---	---	---
856+47			USH 63 NB LT TURN LANE	---	---	---	---	---	---	---	---
856+27			USH 63 REFUGE ISLAND	---	---	10	1	---	---	---	---
856+80			USH 63 CROSSWALK	---	---	---	---	---	---	---	0
856+93			USH 63 REFUGE ISLAND	---	---	25	1	---	---	---	---
856+97	-	857+50	4TH AVE CROSSWALK	---	---	---	---	---	---	103	---
857+71			USH 63 CROSSWALK	---	---	---	---	---	---	---	72
858+10			TWO WAY LT TURN LANE	2	---	---	---	---	---	---	---
859+24			TWO WAY LT TURN LANE	2	---	---	---	---	---	---	---
860+16			USH 63 REFUGE ISLAND	---	---	10	1	---	---	---	---
860+36			USH 63 NB LT TURN LANE	1	---	---	---	---	---	---	---
860+62			USH 63 CROSSWALK	---	---	---	---	---	---	---	60
860+77			USH 63 REFUGE ISLAND	---	---	24	1	---	---	---	---
860+79	-	861+67	5TH AVE CROSSWALK	---	---	---	---	---	---	164	---
861+57			USH 63 REFUGE ISLAND	---	---	40	1	---	---	---	---
861+94			USH 63 CROSSWALK	---	---	---	---	---	---	---	48
862+55			USH 63 REFUGE ISLAND	---	---	10	1	---	---	---	---
862+55	-	863+14	USH 63 MEDIAN	---	---	---	---	---	42	---	---
863+70	-	864+27	USH 63 MEDIAN	---	---	---	---	---	35	---	---
863+85			USH 63 NB LT TURN LANE	1	---	---	---	---	---	---	---
864+35			USH 63 NB LT TURN LANE	---	1	---	---	---	---	---	---
864+49			USH 63 REFUGE ISLAND	---	---	10	1	---	---	---	---
864+71			USH 63 CROSSWALK	---	---	---	---	---	---	---	66
864+84			USH 63 NB LT TURN LANE	1	---	---	---	---	---	---	---
865+15			USH 63 REFUGE ISLAND	---	---	23	1	---	---	---	---
866+36	-	869+18	USH 63 MEDIAN	---	---	---	---	---	153	---	---
866+72			USH 63 SB RT TURN LANE	1	---	---	---	---	---	---	---
867+03			USH 63 SB LT TURN LANE	1	---	---	---	---	---	---	---
868+35			USH 63 SB RT TURN LANE	1	---	---	---	---	---	---	---
870+08	-	870+89	USH 63 MEDIAN	---	---	---	---	---	26	---	---
877+15		LT	SHELL LAKE MARINE	---	---	10	1	---	---	---	---
877+20	-	879+11	SHELL LAKE MARINE	---	---	---	---	598	153	---	---
879+16		LT	SHELL LAKE MARINE	---	---	10	1	---	---	---	---
			TOTALS	31	5	172	10	598	1534	353	456

NOTES: ITEMS FOR DIAGONAL EPOXY 8-INCH & 12-INCH, CURB EPOXY, AND ISLAND NOSE ARE YELLOW. ALL OTHER ITEMS IN THIS TABLE ARE WHITE.
PAVEMENT MARKING WORD EPOXY IS 'ONLY'. SEE SDD "PAVEMENT MARKING (LEFT TURN LANE)" FOR ARROW AND WORD PLACEMENTS.

TEMPORARY PAVEMENT MARKING ITEMS

STATION	-	STATION	LOCATION		649.0200 TEMPORARY PAVEMENT MARKING REFLECTIVE PAINT 4-INCH LF	649.0400 TEMPORARY PAVEMENT MARKING REMOVABLE TAPE 4-INCH LF	TYPE
CAT 0010							
STAGE 2							
826+50	-	886+82	STG 2	CL	12064	---	DOUBLE YELLOW
886+82	-	889+00	STG 2	CL	---	436	DOUBLE YELLOW
829+24	-	845+15	STG 2	RT	1591	---	WHITE EDGELINE
845+95	-	881+56	STG 2	RT	3561	---	WHITE EDGELINE
882+33	-	883+63	STG 2	RT	130	---	WHITE EDGELINE
883+63	-	886+80	STG 2	RT	---	317	WHITE EDGELINE
829+24	-	830+88	STG 2	LT	165	---	WHITE EDGELINE
831+29	-	844+73	STG 2	LT	1344	---	WHITE EDGELINE
845+92	-	850+93	STG 2	LT	501	---	WHITE EDGELINE
851+42	-	856+92	STG 2	LT	550	---	WHITE EDGELINE
857+52	-	860+79	STG 2	LT	327	---	WHITE EDGELINE
861+66	-	864+30	STG 2	LT	264	---	WHITE EDGELINE
869+00	-	886+85	STG 2	LT	1785	---	WHITE EDGELINE
861+75			STG 2	CL	---	52	WHITE CROSSWALK
863+55			STG 2	CL	---	48	WHITE CROSSWALK
STAGE 3							
829+24	-	831+40	STG 3	CL	432	---	DOUBLE YELLOW
831+40	-	881+62	STG 3	CL	---	10044	DOUBLE YELLOW
882+34	-	886+82	STG 3	CL	---	896	DOUBLE YELLOW
831+57	-	845+34	STG 3	RT	---	1377	WHITE EDGELINE
846+0	-	869+40	STG 3		---	2334	WHITE EDGELINE
869+	-	874+22	STG 3	R	---	438	WHITE EDGELINE
874+	-	881+50	STG 3		---	688	WHITE EDGELINE
882+	-	884+12	STG 3	RT	---	160	WHITE EDGELINE
83+	-	84+25	STG 3	T	---	1385	WHITE EDGELINE
8+	-	85+	STG 3		---	1093	WHITE EDGELINE
857+52	-	860+90	STG 3	LT	---	338	WHITE EDGELINE
861+60	-	865+38	STG 3	LT	---	378	WHITE EDGELINE
866+07	-	886+82	STG 3	LT	---	2075	WHITE EDGELINE
861+88			STG 3	CL	---	54	WHITE CROSSWALK
863+55			STG 3	CL	---	50	WHITE CROSSWALK
STAGE 4							
855+00	-	857+00	USH 63	RT	---	200	YELLOW EDGELINE
857+44	-	860+93	USH 63	RT	---	349	YELLOW EDGELINE
861+37	-	865+34	USH 63	RT	---	397	YELLOW EDGELINE
855+50	-	857+07	USH 63	LT	---	157	YELLOW EDGELINE
857+44	-	860+96	USH 63	LT	---	352	YELLOW EDGELINE
861+37	-	865+32	USH 63	LT	---	395	YELLOW EDGELINE
857+70			USH 63	CL	---	92	WHITE CROSSWALK
863+56			USH 63	CL	---	96	WHITE CROSSWALK
UNDISTRIBUTED					1136	605	
PROJECT TOTALS					23850	24806	

PRELIMINARY

TRAFFIC CONTROL DRUMS

STATION		STATION	LOCATION		NO. OF DRUMS	DAYS	643.0300 TRAFFIC CONTROL DRUMS DAY	643.0715 TRAFFIC CONTROL WARNING LIGHTS TYPE C DAY	COMMENTS
CAT. 0010									
STAGE 1A									
788+15	-	789+50	USH 63	LT	10	10	100	---	HILLTOP ROAD C & G
807+75	-	809+50	USH 63	LT	10	7	70	---	SCHOOL ENTRANCE C & G
816+00	-	818+00	USH 63	LT	10	7	70	---	PEDERSON DRIVE C & G
			STAGE 1A TOTALS				240	0	
STAGE 1B									
829+27	-	844+21	USH 63	LT	36	10	360	---	SHOULDER WIDENING
845+92	-	850+93	USH 63	LT	11	10	110	---	SHOULDER WIDENING
851+41	-	856+92	USH 63	LT	12	10	120	---	SHOULDER WIDENING
857+51	-	860+79	USH 63	LT	13	10	130	---	SHOULDER WIDENING
861+66	-	864+30	USH 63	LT	16	10	160	---	SHOULDER WIDENING
869+00	-	886+60	USH 63	LT	44	10	440	---	SHOULDER WIDENING
816+71	-	816+86	---	RT	6	5	30	---	N INDUSTRIAL DR RADIUS
830+68	-	830+96	---	LT	6	5	30	---	3RD ST & 63 RADIUS
10+58	-	12+03	---	LT	9	5	45	---	3RD ST RADIUS
896+50	-	896+65	---	RT	7	5	35	---	LIND AVE RADIUS
10+18	-	11+48	---	LT	9	10	90	---	WEST LAKE DR WIDENING
---		---	---	LT	6	5	30	---	STARIHA DRIVE C.E.
	UNDISTRIBUTED				10	10	100	---	
			STAGE 1B TOTALS				1680	0	
STAGE 2									
829+25	-	830+75	STG 2	RT	7	46	322	322	
831+50	-	833+00	STG 2	RT	7	46	322	322	
833+00	-	845+00	STG 2	RT	25	46	1150	---	
846+00	-	874+00	STG 2	RT	57	46	2622	---	
875+00	-	881+50	STG 2	RT	14	46	644	---	
882+50	-	886+50	STG2	RT	9	46	414	---	
787+00	-	790+50	STG2	RT	14	19	266	---	63 SHDR CLOSURE@CTH D
10+18	-	11+48	---	LT	9	21	189	---	W LAKE DR RECONSTRUCT
	UNDISTRIBUTED				10	46	460	230	
			STAGE 2 TOTALS				6389	874	
STAGE 3									
829+80	-	830+80	STG 3	LT	5	46	230	---	
831+40	-	845+40	STG 3	LT	29	46	1334	---	
846+40	-	856+90	STG 3	LT	26	46	1196	---	
857+60	-	860+80	STG 3	LT	8	46	368	---	
862+00		865+00	STG 3	LT	7	46	322	---	
866+40	-	881+90	STG 3	LT	32	46	1472	---	
882+15	-	882+80	STG 3	LT	8	46	368	368	
884+15	-	886+70	STG 3	LT	11	46	506	---	
844+75	-	846+25	USH 63	LT	10	7	70	---	1ST AVENUE C & G
856+75	-	858+00	USH 63	LT	10	7	70	---	4TH AVENUE C & G
860+50	-	862+00	USH 63	LT	10	7	70	---	5TH AVENUE C & G
08+50	-	09+25	---	RT	10	7	70	---	6TH AVENUE C & G
07+75	-	10+00	---	LT	12	7	84	---	6TH AVENUE C & G
	UNDISTRIBUTED				10	46	460	230	
			STAGE 3 TOTALS				6620	598	
STAGE 4									
855+00	-	855+50	USH 63	RT	3	14	42	42	MEDIAN
855+75	-	856+75	USH 63	RT	5	14	70	---	MEDIAN
855+50	-	857+00	USH 63	LT	7	14	98	---	MEDIAN
857+50	-	860+75	USH 63	LT	14	14	196	---	MEDIAN
857+50	-	860+75	USH 63	RT	14	14	196	---	MEDIAN
858+50	-	859+25	USH 63	RT	5	14	70	---	PARKING LOT
860+00	-	860+50	USH 63	RT	3	14	42	---	PARKING LOT
861+50	-	864+35	USH 63	LT	16	14	224	---	MEDIAN
861+50	-	864+35	USH 63	RT	16	14	224	---	MEDIAN
	UNDISTRIBUTED				5	14	70	70	
			STAGE 4 TOTALS				1232	112	
			PROJECT TOTALS				16161	1584	

TRAFFIC CONTROL BARRICADES

STATION	LOCATION		NO. OF TYPE II	NO. OF TYPE III	DAYS	643.0410 TRAFFIC CONTROL BARRICADES TYPE II DAY	643.0420 TRAFFIC CONTROL BARRICADES TYPE III DAY	643.0705 TRAFFIC CONTROL WARNING LIGHTS TYPE A DAY	COMMENTS
CAT. 0010									
STAGE 1B									
861+60	USH 63	LT	1	0	19	19	0	19	SIDEWALK CLOSURE
864+40	USH 63	LT	1	0	19	19	0	19	SIDEWALK CLOSURE
UNDISTRIBUTED			1	2	19	19	38	95	
			STAGE 1B TOTALS			57	38	133	
STAGE 2									
832+45	USH 63	RT	0	1	46	0	46	92	
845+12	USH 63	RT	0	2	46	0	92	184	
846+25	USH 63	RT	0	2	46	0	92	184	
853+50	USH 63	RT	0	3	46	0	138	276	BOAT RAMP ACCESS
857+20	USH 63	RT	0	3	46	0	138	276	PARKING LOT ENTR
858+95	USH 63	RT	0	1	46	0	46	92	PARKING LOT ENTR
860+30	USH 63	RT	0	1	46	0	46	92	PARKING LOT ENTR
865+05	USH 63	RT	0	3	46	0	138	276	PARKING LOT ENTR
868+85	USH 63	RT	0	2	46	0	92	184	PLAYGROUND DR
874+05	USH 63	RT	0	1	46	0	46	92	
874+75	USH 63	RT	0	1	46	0	46	92	
881+50	USH 63	RT	0	2	46	0	92	184	
882+45	USH 63	RT	0	2	46	0	92	184	
883+68	USH 63	RT	0	2	46	0	92	184	
UNDISTRIBUTED			2	5	46	92	230	552	
			STAGE 2 TOTALS			92	1426	2944	
STAGE 3									
831+[illegible]	USH 63	LT	0	1	[illegible]	0	46	92	
845+[illegible]	USH 63	LT	0	2	46	0	92	184	
846+[illegible]	USH 63	LT	0	2	46	0	92	184	
849+[illegible]	USH 63	LT	0	3	46	0	138	276	2ND AVE
851+[illegible]	USH 63	LT	0	1	46	0	46	92	1ST STREET ALLEY
851+[illegible]	USH 63	LT	0	2	46	0	138	276	1ST ST/2ND AVE
852+50	USH 63	LT	0	3	46	0	138	276	1ST STREET
856+90	USH 63	LT	0	2	46	0	92	184	
857+55	USH 63	LT	0	2	46	0	92	184	
860+70	USH 63	LT	0	2	46	0	92	184	
861+62	USH 63	LT	0	2	46	0	92	184	
865+10	USH 63	LT	0	2	46	0	92	184	
866+05	USH 63	LT	0	2	46	0	92	184	
UNDISTRIBUTED			2	5	46	92	230	552	
			STAGE 3 TOTALS			92	1472	3036	
STAGE 4									
855+58	USH 63	RT	0	1	14	0	14	28	
857+05	USH 63	RT	0	2	14	0	28	56	
857+45	USH 63	RT	0	1	14	0	14	28	
860+92	USH 63	RT	0	1	14	0	14	28	
861+48	USH 63	RT	0	1	14	0	14	28	
865+34	USH 63	RT	0	1	14	0	14	28	
UNDISTRIBUTED			2	5	14	28	70	168	
			STAGE 4 TOTALS			28	168	364	
			PROJECT TOTALS			269	3104	6477	

PRELIMINARY

TRAFFIC CONTROL FLEXIBLE TUBULAR MARKER

STATION	- STATION	LOCATION	643.0500 TRAFFIC CONTROL FLEXIBLE TUBULAR MARKER POSTS EACH	643.0600 TRAFFIC CONTROL FLEXIBLE TUBULAR MARKER BASES EACH
CAT. 0010				
STAGE 2				
829+25	830+75	STG 2 RL	7	7
831+50	845+00	STG 2 RL	55	55
846+00	850+75	STG 2 RL	20	20
851+50	856+75	STG 2 RL	22	22
857+75	860+75	STG 2 RL	13	13
862+00	865+00	STG 2 RL	13	13
866+00	874+00	STG 2 RL	33	33
874+70	881+45	STG 2 RL	28	28
882+45	887+70	STG 2 RL	22	22
UNDISTRIBUTED			20	10
STAGE 2 TOTALS			233	223
STAGE 3				
831+40	845+40	STG 3 RL	57	57
846+20	856+90	STG 3 RL	44	44
857+65	860+65	STG 3 RL	13	13
861+70	865+20	STG 3 RL	15	15
866+20	869+20	STG 3 RL	13	13
869+95	873+95	STG 3 RL	17	17
874+75	881+45	STG 3 RL	28	28
882+45	886+95	STG 3 RL	19	19
UNDISTRIBUTED			20	10
STAGE 3 TOTALS			226	216
PROJECT TOTALS			459	439

TRAFFIC CONTROL MESSAGE SIGNS

LOCATION		MESSAGE	NO. OF PCMS	DAYS	643.1050 TRAFFIC CONTROL SIGNS PCMS DAY	643.1000 TRAFFIC CONTROL SIGNS FIXED MESSAGE SF
CAT. 0010						
STAGE 2						
USH 53	SB	* HWY 63 CLOSED 17 MILES AHEAD USE HWY 53 DETOUR	1	30	30	---
USH 53	SB	TRUCKS UNDER 40 FEET DETOUR EXEMPT	---	---	---	34
USH 63	SB	* HWY 63 CLOSED 12 MILES AHEAD HWY 253 TO DETOUR	1	30	30	---
USH 63	SB	ROAD OPEN TO CTH B	---	---	---	4.5
USH 63	SB	ROAD OPEN TO CTH B	---	---	---	4.5
USH 63	SB	* HWY 63 CLOSED 9 MILES AHEAD USE HWY 48 DETOUR	1	30	30	---
STAGE 2 TOTAL					90	43
PROJECT TOTAL					90	43

* CHANGEABLE MESSAGE TO BE DETERMINED BY ENGINEER

TRAFFIC CONTROL SIGNS

STATION	LOCATION		NO. OF SIGNS	DAYS	643.0900 TRAFFIC CONTROL SIGNS DAY	643.0920 TRAFFIC CONTROL COVERING SIGNS TYPE II EACH	SIGN MESSAGE
CAT. 0010							
STAGE 1A							
---	SIDE ROADS		8	38	304	---	RWA ON HILLTOP & SOUTH
STAGE 1A TOTALS					304	0	
STAGE 1B							
861+60	USH 63	LT	1	19	19	---	SIDEWALK CLOSED
864+40	USH 63	LT	1	19	19	---	SIDEWALK CLOSED
---	SIDE ROADS		20	19	380	---	RWA ON CTH D & NORTH
---	ATV TRAIL		2	19	38	---	RWA @ WEST LAKE DR
---	ATV TRAIL		1	19	19	---	RWA @ CTH B EAST
---	ATV TRAIL		1	19	19	---	RWA @ STARIHA DR
UNDISTRIBUTED			2	19	38	---	
STAGE 1B TOTALS					532	0	
STAGE 2							
783+40		RT	---	46	---	1	SARONA w/RT arrow
789+50	USH 63	LT	---	46	---	1	COUNTY D
789+50	USH 63	LT	---	46	---	1	LEFT ARROW
795+40	USH 63	LT	---	46	---	1	SARONA w/LT arrow
809+25	USH 63	RT	1	23	23	---	ROAD WORK AHEAD
816+80	USH 63	RT	---	46	---	1	STOP@NORTH INDUS. DR
819+25	USH 63	RT	1	23	23	---	ROAD WORK 1000 FT
822+75	USH 63	RT	1	46	46	---	REDUCED SPEED 35
[illegible]	USH [illegible]	RT	1	46	46	---	ROAD WORK 500
824+25	USH [illegible]	LT	1	23	23	---	END ROAD WORK
826+75	USH [illegible]	RT	1	46	46	---	REVERSE CURVE LEFT
[illegible]	USH [illegible]	RT	1	46	46	---	SPEED LIMIT 35
831+38	USH [illegible]	RT	1	46	46	---	STOP@INDUSTRIAL BLVD
832+45	USH [illegible]	RT	1	46	46	---	LEFT/RIGHT ARROW
[illegible]	USH 63	RT	---	---	---	1	SPEED LIMIT 45
835+50	USH 63	LT	1	46	46	---	REVERSE CURVE LEFT
841+00	USH 63	LT	---	---	---	1	SPEED LIMIT 45
841+40	USH 63	RT	1	46	46	---	SPEED LIMIT 35
845+12	USH 63	RT	1	46	46	---	ROAD CLOSED
846+00	USH 63	RT	1	46	46	---	STOP@WEST LAKE DR
846+25	USH 63	RT	1	46	46	---	ROAD CLOSED
853+50	USH 64	RT	1	46	46	---	ROAD CLOSED
853+51	USH 65	RT	1	46	46	---	ROAD CLOSED
857+20	USH 63	RT	1	46	46	---	ROAD CLOSED
858+95	USH 63	RT	1	46	46	---	ROAD CLOSED
860+30	USH 63	RT	1	46	46	---	ROAD CLOSED
860+40	USH 63	RT	1	46	46	---	PED CROSSING
864+05	USH 63	LT	1	46	46	---	PED CROSSING
865+05	USH 63	RT	1	46	46	---	ROAD CLOSED
868+85	USH 63	RT	1	46	46	---	STOP@PLAYGROUND DR
868+85	USH 63	RT	1	46	46	---	ROAD CLOSED
874+05	USH 63	RT	1	46	46	---	ROAD CLOSED
874+50	USH 63	RT	1	46	46	---	STOP@PETERSON CT
874+75	USH 63	RT	1	46	46	---	ROAD CLOSED
879+40	USH 63	LT	1	46	46	---	REVERSE CURVE RIGHT
881+50	USH 63	RT	1	46	46	---	ROAD CLOSED
882+25	USH 63	LT	---	---	---	1	COUNTY B
882+25	USH 63	LT	---	---	---	1	LEFT ARROW/UPPER ARROW
882+30	USH 63	RT	1	46	46	---	STOP@CTH B EAST
882+45	USH 63	RT	1	46	46	---	ROAD CLOSED
886+85	USH 63	LT	1	46	46	---	ROAD WORK NEXT 9 MILES
889+35	USH 63	LT	1	46	46	---	REVERSE CURVE RIGHT
891+85	USH 63	LT	1	46	46	---	ROAD WORK 500 FT
891+85	USH 63	RT	1	46	46	---	END ROAD WORK
UNDISTRIBUTED			3	46	138	1	
STAGE 2 TOTALS					1679	10	

TRAFFIC CONTROL SIGNS CONT'D

STATION	LOCATION		NO. OF SIGNS	DAYS	643.0900 TRAFFIC CONTROL SIGNS DAY	643.0920 TRAFFIC CONTROL COVERING SIGNS TYPE II EACH	SIGN MESSAGE
CAT. 0010							
STAGE 3							
811+40	USH 63	RT	1	46	46	---	ROAD WORK AHEAD
821+40	USH 63	RT	1	46	46	---	ROAD WORK 1000 FT
824+25	USH 63	LT	1	46	46	---	END ROAD WORK
826+40	USH 63	RT	1	46	46	---	ROAD WORK 500 FT
828+90	USH 63	RT	1	46	46	---	REVERSE CURVE RIGHT
835+50	USH 63	LT	1	46	46	---	REVERSE CURVE RIGHT
845+10	USH 63	LT	1	46	46	---	ROAD CLOSED
845+24	USH 63	LT	1	46	46	---	STOP @ 1ST AVE
846+05	USH 63	LT	1	46	46	---	ROAD CLOSED
848+30	USH 63	LT	1	46	46	---	RD CLOSED AHD - 2ND AVE
849+30	USH 63	LT	1	46	46	---	ROAD CLOSED - 2ND AVE
849+90	USH 63	LT	1	46	46	---	RD CLOSED AHD - 1ST ST ALLEY
851+10	USH 63	LT	1	46	46	---	RD CLOSED - 1ST ST ALLEY
851+15	USH 63	LT	1	46	46	---	RD CLOSED - 1ST ST/2ND AVE
852+50	USH 63	LT	1	46	46	---	1ST ST
854+35	USH 63	LT	1	46	46	---	RD CLOSED AHD - 1ST ST
856+90	USH 63	LT	1	46	46	---	ROAD CLOSED
857+00	USH 63	LT	1	46	46	---	STOP @ 4TH AVE
857+55	USH 63	LT	1	46	46	---	ROAD CLOSED
860+70	USH 63	LT	1	46	46	---	ROAD CLOSED
[illegible]	USH 63	LT	1	46	46	---	STOP @ 5TH AVE
861+6[illegible]	USH [illegible]	LT	1	46	46	---	ROAD CLOSED
865+[illegible]	USH [illegible]	LT	1	46	46	---	ROAD CLOSED
[illegible]+32	USH 63	LT	1	46	46	---	STOP @ 6TH AVE
866+[illegible]5	USH 63	LT	1	46	46	---	ROAD CLOSED
868+[illegible]	USH 63	LT	1	46	46	---	STOP@PLAYGROUND DR
874+5[illegible]	USH 63	RT	1	46	46	---	STOP@PETERSON CT
886+85	USH 63	LT	1	46	46	---	ROAD WORK NEXT 9 MILES
889+35	USH 63	LT	1	46	46	---	REVERSE CURVE LEFT
891+85	USH 63	LT	1	46	46	---	ROAD WORK 500 FT
891+85	USH 63	RT	1	46	46	---	END ROAD WORK
896+85	USH 63	LT	1	46	46	---	ROAD WORK 1000 FT
906+85	USH 63	LT	1	46	46	---	ROAD WORK AHEAD
UNDISTRIBUTED			3	46	138	1	
STAGE 3 TOTALS					1656	1	
STAGE 4							
811+40	USH 63	RT	1	25	25	---	ROAD WORK AHEAD
821+40	USH 63	RT	1	25	25	---	ROAD WORK 1000 FT
824+25	USH 63	LT	1	25	25	---	END ROAD WORK
826+40	USH 63	RT	1	25	25	---	ROAD WORK 500 FT
855+58	USH 63	RT	1	14	14	---	RIGHT NIGHT ARROW
856+90	USH 63	LT	1	14	14	---	NO LEFT TURN@4TH AVE
857+40	USH 63	RT	1	14	14	---	NO LEFT TURN@LOT ENTR.
857+60	USH 63	LT	1	14	14	---	NO LEFT TURN
859+35	USH 63	LT	1	14	14	---	NO LEFT TURN
861+00	USH 63	RT	1	14	14	---	YIELD @ 5TH AVE
865+34	USH 63	RT	1	14	14	---	RIGHT NIGHT ARROW
865+40	USH 63	RT	1	14	14	---	YIELD @ 6TH AVE
UNDISTRIBUTED			1	25	25	---	
STAGE 4 TOTALS					237	0	
PROJECT TOTALS					4408	11	

PRELIMINARY

COLORING CONCRETE

STATION	-	STATION	LOCATION		SPV.0035.02 COLORING CONCRETE CY	COMMENTS
CAT. 0040						
STAGE 2						
860+59	-	860+68	USH 63	RT	0.5	CONCRETE SIDEWALK 4-INCH
861+91	-	861+97	USH 63	RT	1.6	CONCRETE SIDEWALK 4-INCH
		STAGE 2 TOTAL			2.1	
STAGE 3						
860+56	-	861+81	USH 63	LT	4.1	CONCRETE SIDEWALK 4-INCH
861+59	-	861+98	USH 63	LT	4.3	CONCRETE SIDEWALK 4-INCH
		STAGE 3 TOTAL			8.4	
STAGE 4						
860+60	-	860+65	USH 63	RT	0.5	ISLAND SIDEWALK 6-INCH
861+91	-	861+96	USH 63	RT	1.2	ISLAND SIDEWALK 6-INCH
		STAGE 4 TOTAL			1.7	
		CAT. 0040 TOTAL			12.2	
		PROJECT TOTAL			12.2	

REMOVING CONCRETE BASE STA. 861+95, 30' LT

STATION	LOCATION			SPV.0105.05 REMOVING CONCRETE BASE STA. 861+95, 30' LT LS
CAT. 0010				
STAGE 2				
861+95.0	USH 63	30'	LT	1
STAGE 2 TOTAL				1
PROJECT TOTAL				1

SLOPE REPAIR

STATION	LOCATION		SPV.0060.07 SLOPE REPIAR CULVERT EACH	SPV.0060.30 SLOPE REPAIR INTERSECTION NW QUADRANT USH 63 / WOODYARD ROAD SOUTH EACH
CAT. 0010				
STAGE 1				
628+90	USH 63	RT	-	1
709+08	USH 63	LT & RT	2	-
719+08	USH 63	LT & RT	2	-
733+34	USH 63	LT	1	-
STAGE 1 TOTAL			3	1
PROJECT TOTAL			3	1

REGRADE DITCH

STATION	-	STATION	LOCATION		SPV.0090.06 REGRADE DITCH LF
CAT. 0010					
[illegible]					
795+52	-	[illegible]5+55	USH 63	R[illegible]	45
			PROJECT TOT[illegible]		45

SALVAGE AND REPLACE BARBED WIRE FENCE

STATION	STATION	LOCATION		SPV.0090.04 SALVAGE AND REPLACE BARBED WIRE FENCE LF
CAT. 0010				
STAGE 1A				
6[illegible]+60	638+[illegible]0	USH 63	LT	10[illegible]
6[illegible]+60	638+[illegible]	USH 63	RT	100
		PROJECT TOTAL		200

CULVERT PIPE FOR CATTLE PASS

STATION	LOCATION	SPV.0090.03 CULVERT PIPE FOR CATTLE PASS STA. 638+10 LF
CAT. 0010		
STAGE 1		
638+10.0	USH 63	98
	PROJECT TOTAL	98

PRELIMINARY

REMOVING CONCRETE PIPE SECTIONS

STATION	LOCATION		SPV.0090.01 REMOVING CONCRETE PIPE SECTIONS LF
CAT. 0010			
STAGE 1A			
625+34	USH 63	RT	4
631+12	USH 63	LT	8
631+12	USH 63	RT	8
719+08	USH 63	RT	4
719+08	USH 63	LT	4
733+34	USH 63	LT	4
733+34	USH 63	RT	4
760+34	USH 63	LT	8
760+34	USH 63	RT	8
780+00	USH 63	RT	8
780+00	USH 63	LT	8
795+52	USH 63	RT	4
795+52	USH 63	LT	4
813+04	USH 63	RT	4
813+04	USH 63	LT	4
PROJECT TOTAL			84

CONTAMINATED SOIL

STATION	-	STATION	LOCATION	SPV.0195.04 EXCAVATION, HAULING, AND DISPOSAL OF CONTAMINATED SOIL EACH	COMMENT
CAT. 0010					
625+00	-	883+63	USH 63	100	PROJECT LIMITS
		PROJECT TOTAL		100	

SALVAGE AND RELOCATE BENCH

STATION	LOCATION		SPV.0105.06 SALVAGE AND RELOCATE BENCH LS
CAT. 0010			
STAGE 2			
862+11	52'	RT	1
STAGE 2 TOTAL			
PROJECT TOTAL			1

TEMPORARY CROSSWALK ACCESS

LOCATION	SPV.0045.01 TEMPORARY CROSSWALK ACCESS DAY
CAT. 0010	
STAGE 2	
'4A'	46
'5A'	46
STAGE 2 TOTAL	92
STAGE 3	
'4A'	46
'5A'	46
STAGE 3 TOTAL	92
PROJECT TOTAL	184

RADAR DRIVER FEEDBACK - SOLAR SIGNS AND RECTANGULAR RAPID FLASHING BEACON (RRFB) - SOLAR SIGNS

STATION	LOCATION		SPV.0060.08 RADAR DRIVER FEEDBACK SIGN - SOLAR EACH	SPV.0060.09 RECTANGULAR RAPID FLASHING BEACON (RRFB) - SOLAR EACH	654.0101 CONCRETE BASES TYPE 1 EACH
CAT. 0040					
805+28.0	USH 63	RT	1	-	1
840+98.0	USH 63	RT	1	-	1
861+86.0	USH 63	RT	-	1	1
861+95.0	USH 63	LT	-	1	1
885+35.0	USH 63	LT	1	-	1
PROJECT TOTAL			3	2	5

CONSTRUCTION STAKING STORM SEWER

STATION	DESC.	LOCATION		STRUCT. NO.	650.4000 CONSTRUCTION STAKING STORM SEWER EACH
CAT 0010					
STAGE 1A					
10+81.5	'D'	61	LT	S152	1
10+50.0	'D'	15.5	LT	S151	1
10+50.0	'D'	48	RT	S150	1
09+57.7	'PD'	67.3	LT	S160	1
02+33.3	'DP'	0.0	-	S180	1
01+88.6	'DP'	0.0	-	S181	1
			STAGE 1A TOTAL		6
STAGE 2					
836+05.0	USH 63	56	RT	S171	1
836+05.0	USH 63	87	RT	S172	1
846+40.0	USH 63	48	RT	S6	1
847+75.0	USH 63	36.5	RT	S7	1
849+19.0	USH 63	36.5	RT	S8	1
849+19.0	USH 63	29.5	RT	S42	1
849+19.0	USH 63	17.5	LT	S41	1
849+18.8	USH 63	49.7	LT	S40	1
852+04.0	USH 63	36.5	RT	S9	1
852+04.0	USH 63	17.5	LT	S51	1
853+00.6	USH 63	44.0	RT	S10	1
853+00.6	USH 63	29.5	RT	S62	1
853+87.7	USH 63	29.5	RT	S600	1
856+73.1	USH 63	45.0	RT	S11	1
856+73.1	USH 63	33.5	RT	S75	1
856+73.1	USH 63	17.5	LT	S73	1
857+79.0	USH 63	31.1	RT	S802	1
857+88.7	USH 63	30.6	RT	S803	1
858+54.0	USH 63	50.0	RT	S12	1
858+54.0	USH 63	29.5	RT	S84	1
859+14.9	USH 63	38.6	RT	S810	1
860+09.1	USH 63	42.2	RT	S100	1
860+50.5	USH 63	33.5	RT	S101	1
860+90.0	USH 63	33.5	RT	S102	1
861+85.5	USH 63	42.0	RT	S14	1
861+87.2	USH 63	33.5	RT	S902	1
864+63.3	USH 63	37.4	RT	S111	1
865+33.0	USH 63	37.4	RT	S112	1
06+96.9	'6A'	23.0	LT	S18	1
06+96.9	'6A'	37.5	LT	S19	1
27+49.5	'BD'	0.0	RT	S19.1	1
28+48.5	'BD'	0.0	RT	S19.2	1
866+28.0	USH 63	50.0	RT	S16	1
866+32.0	USH 63	35.5	RT	S17	1
868+48.6	USH 63	29.8	RT	S121	1
869+09.4	USH 63	27.2	RT	S122	1
869+99.3	USH 63	41.1	RT	S21	1
870+08.9	USH 63	23.5	RT	S131	1
870+50.0	USH 63	21.9	RT	S130	1
874+82.0	USH 63	17.5	RT	S190	1
			STAGE 2 SUBTOTAL		40

CONSTRUCTION STAKING STORM SEWER CONT'D

STATION	DESC.	LOCATION		STRUCT. NO.	650.4000 CONSTRUCTION STAKING STORM SEWER EACH
CAT 0010					
STAGE 3					
836+05.0	USH 63	50	LT	S170	1
845+20.7	USH 63	48.5	LT	S4	1
845+30.4	USH 63	40.9	LT	S4.1	1
845+83.8	USH 63	33.1	LT	S5	1
847+75.0	USH 63	17.5	LT	S30	1
850+75.4	USH 63	17.5	LT	S50	1
852+50.0	USH 63	32.8	LT	S610	1
853+00.6	USH 63	17.5	LT	S611	1
853+10.5	USH 63	17.5	LT	S61	1
853+19.5	USH 63	30.2	LT	S60	1
853+38.1	USH 63	30.0	LT	S59	1
855+08.0	USH 63	17.5	LT	S700	1
856+25.1	USH 63	17.5	LT	S701	1
856+85.5	USH 63	17.8	LT	S702	1
856+98.7	USH 63	44.4	LT	S71	1
857+36.3	USH 63	59.4	LT	S70	1
857+83.7	USH 63	17.5	LT	S801	1
857+93.7	USH 63	17.5	LT	S800	1
858+54.0	USH 63	17.5	LT	S83	1
859+15.3	USH 63	17.5	LT	S82	1
[illegible]				S80	1
[illegible]	USH 63	30.1		S81	1
[illegible]	USH 63	21.6		S91	1
[illegible]				S90	1
[illegible]	USH 63	27.6		S900	1
[illegible]	USH 63	17.5		S901	1
[illegible]					1
864+54.9	USH 63	19.5	LT	S110	1
868+48.6	USH 63	25.5	LT	S120	1
874+82.0	USH 63	39.0	LT	S191	1
			STAGE 3 TOTAL		30
					76
CAT 0020					
STAGE 2					
836+05.0	USH 63	56	RT	S171	1
			STAGE 2 SUBTOTAL		1
			CAT. 0020 TOTAL		1
					77

CONSTRUCTION STAKING ROADWAY

STATION		STATION	LOCATION	650.4500 CONSTRUCTION STAKING SUBGRADE LF	650.5000 CONSTRUCTION STAKING BASE LF	650.9920 CONSTRUCTION STAKING SLOPE STAKES LF	SPV.0090.05 CONSTRUCTION STAKING SUBBASE LF
CAT 0010							
624+78	-	626+00	USH 63	-	-	122	-
637+60	-	638+60	USH 63	-	-	100	-
655+88	-	659+19	USH 63	331	331	331	-
662+94	-	665+51	USH 63	257	257	257	-
708+58	-	709+58	USH 63	100	100	100	100
718+98	-	719+18	USH 63	-	-	20	-
732+90	-	733+10	USH 63	-	-	20	-
733+25	-	735+00	USH 63	-	-	175	-
776+97	-	820+74	USH 63	4377	4377	4377	4377
832+40	-	883+63	USH 63	5123	5123	5123	5123
4+97	-	9+60	'HT'	463	463	463	-
10+25	-	11+55	'D'	130	130	130	-
8+25	-	9+74	'SE'	149	149	149	-
8+95	-	9+75	'PD'	80	80	80	-
10+17	-	11+84	'C1'	167	167	167	-
10+17	-	11+10	'T3'	93	93	93	-
10+34	-	11+43	'WL'	109	109	109	-
9+11	-	9+81	'1A'	70	70	70	-
9+48	-	9+84	'1S'	36	36	36	-
10+28	-	10+60	'P1'	32	32	32	-
9+60	-	9+84	'P5'	24	24	24	-
10+3[illegible]	-	10+[illegible]	'P2'	33	[illegible]	33	-
9+3[illegible]	-	9+[illegible]	'4A'	[illegible]	53	53	-
10+2[illegible]	-	1[illegible]+32	'P3'	[illegible]4	104	104	-
10+3[illegible]	-	[illegible]+00	'P4'	[illegible]9	69	69	-
[illegible]39	-	[illegible]	'5A'	46	46	46	-
7[illegible]	-	9+76	'6A'	[illegible]50	250	250	-
10+[illegible]	-	11+18	'6'	[illegible]	83	83	-
10+23	-	11+39	'PG'	116	116	116	-
10+16	-	11+08	'PC'	92	92	92	-
8+38	-	9+90	'C2'	152	152	152	-
10+25	-	11+43	'B'	118	118	118	-
28+27	-	29+13	'BD'	-	-	86	
		CAT. 0010 TOTALS		12657	12657	13180	9600
CAT 0020							
10+11	-	24+75	'SU'	1464	1464	1464	-
25+05	-	32+63	'SU'	758	758	758	-
32+87	-	36+27	'SU'	340	340	340	-
36+51	-	48+68	'SU'	1217	1217	1217	-
48+93	-	53+41	'SU'	448	448	448	-
53+66	-	58+74	'SU'	508	508	508	-
59+02	-	61+59	'SU'	257	257	257	-
10+11	-	11+07	'T1'	96	96	96	-
11+33	-	12+59	'T1'	126	126	126	-
10+28	-	13+13	'T2'	285	285	285	-
13+38	-	14+84	'T2'	146	146	146	-
16+59	-	17+00	'T2'	41	41	41	-
17+23	-	17+64	'T2'	41	41	41	-
19+82	-	21+73	'T2'	191	191	191	-
21+96	-	27+04	'T2'	508	508	508	-
27+32	-	27+64	'T2'	32	32	32	-
		CAT. 0020 TOTALS		6458	6458	6458	0
		PROJECT TOTALS		19115	19115	19638	9600

PRELIMINARY

WATER MAIN ITEMS

STATION	-	STATION	LOCATION			SPV.0060.10 CONNECT TO EXISTING WATER MAIN EA	SPV.0060.11 ABANDON EXISTING WATER MAIN EA	SPV.0060.12 REMOVE AND SALVAGE 6-INCH VALVE EA	SPV.0060.13 10-INCH x 10" TEE EA	SPV.0060.14 10-INCH VALVE AND BOX EA	SPV.0060.15 6-INCH VALVE AND BOX EA	SPV.0060.16 10-INCH x 6-INCH REDUCER EA	SPV.0060.17 10-INCH PLUG EA	SPV.0060.18 6-INCH PLUG EA	SPV.0060.19 CONNECT TO EXISTING WATER SERVICE EA	SPV.0060.20 1" CORP. (SADDLE STYLE), CURB STOP AND BOX EA	SPV.0090.07 10-INCH PVC WATER MAIN LF	SPV.0090.08 1-INCH COPPER WATER SERVICE LF
CAT. 0030																		
STAGE 2																		
23+88.30	-	-	'W1'	13.3	LT	1	1	1	-	-	1	1	-	-	-	-	-	-
23+88.30	-	26+33.70	'W1'	0	RT	-	-	-	-	-	-	-	-	-	-	-	249	-
24+35.50	-	-	'W1'	0	LT	-	-	-	-	-	-	-	-	-	1	1	-	83
26+33.70	-	-	'W1'	0	RT	-	-	-	1	1	-	-	1	-	-	-	-	-
26+33.70	-	26+40.20	'W1'	0	RT	-	-	-	-	-	-	-	-	-	-	-	46	-
26+40.20	-	-	'W1'	45.3	RT	1	-	-	-	1	-	-	-	-	-	-	-	-
26+16.50	-	-	'W1'	98.3	LT	-	-	-	-	-	-	-	-	1	-	-	-	-
		STAGE 2 TOTALS				2	1	1	1	2	1	1	1	1	1	1	295	83
		CAT. 0030 TOTAL				2	1	1	1	2	1	1	1	1	1	1	295	83
		PROJECT TOTAL				2	1	1	1	2	1	1	1	1	1	1	295	83

SANITARY SEWER ITEMS

PRELIMINARY

STATIO	-	STATI				SP..0060.21 EMOVE XISTING ANITARY ANHOLE E	SPV.00.. ANIT RY AN.. LE TY 1, C..PLE EA	SPV.060.. ONNECT EXISTING ANITARY SEWER EA	SPV.060.2.. ABA DON EXISTING SANITARY SEWER EA	SPV..060.. AB ANDON FORCEMAIN EA	SPV 8- CH PVC ANITARY SEWER LF	SPV.009.. 10-INCH C SANITARY SEWER LF	SPV.0090.11 4-INCH FORCEMAIN HDD LF
CAT. 0030													
STAGE 2													
9+05.46	-	-	'S2'	0	RT	-	1	1	-	-	-	-	-
9+05.46	-	9+90.00	'S2'	0	LT	-	-	-	-	-	85	-	-
9+60.20	-	-	'S2'	0	RT	1	-	-	-	1	-	-	-
9+90.00	-	-	'S2'	0	RT	-	1	-	-	-	-	-	-
9+90.00	-	12+87.90	'S2'	0	RT	-	-	1	-	1	-	-	290
			STAGE 2 TOTALS			1	2	2	0	2	85	0	290
STAGE 3													
50+00.00	-	-	'S1'	0	RT	1	1	1	-	-	-	-	-
50+00.00	-	52+73.83	'S1'	0	RT	-	-	-	-	-	-	274	-
52+73.83	-	-	'S1'	0	RT	-	1	-	-	-	-	-	-
52+73.83	-	56+73.82	'S1'	0	RT	-	-	-	-	-	-	400	-
53+00.00	-	-	'S1'	0	RT	-	-	-	1	-	-	-	-
53+98.00	-	-	'S1'	15.5	RT	1	-	-	2	-	-	-	-
56+73.83	-	-	'S1'	0	RT	-	1	-	-	-	-	-	-
56+73.83	-	57+77.46	'S1'	0	RT	-	-	-	-	-	-	104	-
57+77.46	-	-	'S1'	0	RT	1	1	2	1		-	-	-
			STAGE 3 TOTALS			3	4	3	4	0	0	778	0
			CAT 0030 TOTAL			4	6	5	4	2	85	778	290
			PROJECT TOTAL			4	6	5	4	2	85	778	290

LIGHTING CONDUIT & WIRE

STATION - STATION	LOCATION	652.0255 CONDUIT RIGID NONMETALIC SCHEDULE 40 2-INCH LF	653.0110 PULL BOXES STEEL 12X30-INCH EACH	655.0610 ELECTRICAL WIRE LIGHTING 12 AWG LF	652.0255 ELECTRICAL WIRE LIGHTING 8 AWG LF	SPV.0060.26 CONNECTION TO EXISTING ELECTRICAL CIRCUIT EACH
CAT. 0040						
STAGE 2						
	EXISTING LIGHT BASE	-	-	-	-	1
863+04.49 - 863+04.49	USH 63	-	-	-	36	-
	PULL BOX	-	1	-	-	-
863+04.49 - 864+35.22	USH 63	190	-	-	580	-
	LIGHTING UNIT NO. 1	-	-	117	-	-
859+19.00 - 859+27.00	USH 63	172	-	-	522	-
	LIGHTING UNIT NO. 2	-	-	117	-	-
	PROJECT TOTALS	362	1	234	1138	1

PRELIMINARY

LIGHTING UNITS

STRUCTURE	STATION	LOCATION	657.[illegible] POLES TYPE 5 ALUMINUM EACH	65[illegible].0610 ALUMINUM ARMS SINGLE MEMBER 4 1/2-INCH CLAMP 6-FT EACH	[illegible].0110 LUMINAIRE UTILITY HPS 150 WATTS EACH	SPV.0060.27 CONCRETE BASE TYPE 2 MODIFIED EACH
CAT. 0040						
STAGE 2						
1	864+35.22	USH 63 121.23 RT	1	1	1	1
2	865+99.11	USH 63 119.76 RT	1	1	1	1
		PROJECT TOTALS	2	2	2	2

TRAFFIC CONTROL DETOUR SIGNS

LOCATION		NO. OF SIGNS	DAYS	643.3000 TRAFFIC CONTROL DETOUR SIGNS DAY	COMMENTS
CAT. 0010					
STAGE 2					
USH 63	NB	7	17	119	USH 63 TRUCK DETOUR
USH 63	NB	8	4	32	USH 63 AUTO DETOUR
CTH B -Barron Co	WB	4	4	16	USH 63 AUTO DETOUR
CTH H -Barron Co	WB	4	4	16	USH 63 AUTO DETOUR
CTH J	EB	4	4	16	USH 63 AUTO DETOUR
STH 48	WB	4	4	16	USH 63 AUTO DETOUR
STH 48	WB	4	4	16	USH 63 AUTO DETOUR
STH 48	EB	16	17	272	USH 63 TRUCK DETOUR
USH 53	NB	22	17	374	USH 63 TRUCK DETOUR
USH 53	SB	36	17	612	USH 63 TRUCK DETOUR
USH 63	SB	14	17	238	USH 63 TRUCK DETOUR
USH 63	SB	16	4	64	USH 63 AUTO DETOUR
STH 70	WB	14	17	238	USH 63 TRUCK DETOUR
STH 70	EB	22	17	374	USH 63 TRUCK DETOUR
USH 63	NB	13	13	169	USH 63 LOCAL DETOUR
USH 63	SB	10	13	130	USH 63 LOCAL DETOUR
CTH B	WB	11	13	143	USH 63 LOCAL DETOUR
CTH B	EB	9	13	117	USH 63 LOCAL DETOUR
3RD ST	NB	19	13	247	USH 63 LOCAL DETOUR
3RD ST	SB	15	13	195	USH 63 LOCAL DETOUR
USH 63	NB	10	24	240	CTH D DETOUR
USH 63	SB	8	24	192	CTH D DETOUR
CTH D	WB	7	24	168	CTH D DETOUR
INDUSTRIAL	NB	6	24	144	CTH D DETOUR
INDUSTRIAL	SB	9	24	216	CTH D DETOUR
USH 63	NB	12	19	228	CTH B DETOUR
USH 63	SB	11	19	209	CTH B DETOUR
CTH B EAST	WB	14	19	266	CTH B DETOUR
CTH B EAST	EB	1	19	19	CTH B DETOUR
LIND AVE		6	19	114	CTH B DETOUR
UNDISTRIBUTED		10	17	170	
STAGE 2 TOTAL				5370	
PROJECT TOTAL				5370	

REMOVING PAVEMENT MARKINGS

STATION		STATION	LOCATION	646.0600 REMOVING PAVEMENT MARKINGS LF	TYPE
CAT. 0010					
STAGE 2					
829+24	-	833+00	USH 63 CL	94	CENTERLINE SKIPS
829+20	-	830+62	USH 63 LT	142	EDGELINE
831+45	-	845+00	USH 63 LT	1355	EDGELINE
838+80	-	847+00	USH 63 CL	205	CENTERLINE SKIPS
855+50	-	858+00	USH 63 CL	63	CENTERLINE SKIPS
859+50	-	861+00	USH 63 CL	38	CENTERLINE SKIPS
862+00	-	866+20	USH 63 CL	105	CENTERLINE SKIPS
866+20	-	868+75	USH 63 CL	319	NO PASSING SB
868+75	-	875+50	USH 63 CL	169	CENTERLINE SKIPS
883+63	-	887+00	USH 63 CL	421	NO PASSING NB
869+00	-	886+86	USH 63 LT	1786	EDGELINE
8+64	-	9+20	6TH AVE RT	56	EDGELINE
8+64	-	9+72	6TH AVE LT	108	EDGELINE
866+00	-	868+25	USH 63 TURN LN	450	CHANNELIZING LINE
861+84			USH 63 LT	320	8 CROSSWALK BLOCKS (8-FT X 20-IN)
STAGE 3					
831+55	-	833+00	USH 63 RT	145	EDGELINE
883+63	-	884+12	USH 63 RT	49	EDGELINE
829+24	-	831+74	STAGE 2 CL	400	DOUBLE YELLOW
886+50	-	886+80	STAGE 2 CL	440	DOUBLE YELLOW
UNDISTRIBUTED				650	
PROJECT TOTAL				7215	

MARKERS ROW

STATION	OFFSET	NORTHING	EASTING	633.5100 MARKERS ROW EACH
CAT. 0010				
784+75.00	70.00'	531406.35	729178.26	1
785+75.00	90.00'	531489.49	729237.32	1
786+95.59	-345.13'	531777.11	728889.25	1
787+00.21	-374.72'	531793.40	728864.12	1
787+42.39	-202.52'	531761.66	729038.55	1
787+60.26	-402.10'	531859.40	728863.62	1
787+76.57	-125.00'	531761.24	729123.26	1
787+77.48	-382.47'	531867.11	728888.56	1
788+50.00	90.00'	531740.56	729349.51	1
788+97.15	161.13'	531754.59	729433.70	1
789+25.00	-140.00'	531902.87	729170.13	1
790+02.45	144.24'	531857.62	729461.23	1
790+10.00	80.00'	531890.72	729405.66	1
790+90.00	60.00'	531971.92	729420.04	1
791+50.00	-100.00'	532091.97	729298.44	1
849+15.00	-55.53'	537338.53	731678.67	1
850+44.00	-33.61'	537451.85	731744.04	1
864+55.00	-29.62'	538724.12	732354.79	1
864+90.00	-59.01'	538769.57	732349.40	1
865+09.02	-30.00'	538769.61	732384.15	1
874+45.00	-40.00'	539537.55	732921.83	1
874+75.00	-55.00'	539570.63	732927.42	1
875+25.00	-60.00'	539613.95	732952.87	1
876+25.00	-60.00'	539694.70	733011.86	1
87[illegible]+50.00	[illegible].00'	539703.09	733042.75	1
			TOTAL	25

REMOVING PAVEMENT MARKINGS WORDS

STATION	LOCATION	647.0965 REMOVING PAVEMENT MARKINGS WORDS EACH
CAT 0010		
STAGE 2		
862+80	USH 63 LT	1
863+10	USH 63 LT	1
	PROJECT TOTAL	2

CONSTRUCTION STAKING RESURFACING REFERENCE

STATION		STATION	LOCATION	650.8000 CONSTRUCTION STAKING RESURFACING REFERENCE LF
CAT. 0010				
625+00	-	833+00	USH 63	20800
08+98	-	09+77	'WS'	79
10+16	-	10+69	'WS'	53
10+24	-	10+73	'WN'	49
09+34	-	09+76	'WN'	42
10+17	-	10+95	'LL'	78
09+05	-	09+81	'HL'	76
10+17	-	10+57	'OC'	40
10+17	-	10+56	'ID'	39
12+87	-	13+55	'3S'	68
10+17	-	10+78	'IB'	61
			PROJECT TOTAL	21385

PRELIMINARY

CURE & SEAL CONCRETE SIDEWALK

STATION	-	STATION	LOCATION		SPV.0165.01 CURE AND SEAL TREATMENT CONCRETE SIDEWALK SF
CAT. 0010					
STAGE 2					
861+47	-	862+15	USH 63	RT	416
861+82	-	862+03	USH 63	RT	126
862+05	-	862+16	USH 63	RT	39
STAGE 2 TOTALS					581
STAGE 3					
857+46		858+18	USH 63	LT	575
858+18	-	859+00	USH 63	LT	418
859+01	-	859+36	USH 63	LT	188
859+36	-	860+81	USH 63	LT	936
861+45	-	863+23	USH 63	LT	1173
863+23	-	863+61	USH 63	LT	186
863+61	-	864+34	USH 63	LT	1063
864+34	-	864+60	USH 63	LT	340
864+60	-	864+99	USH 63	LT	689
9+45	-	9+59	'1A'	LT	260
9+30	-	9+54	'4A'	LT	120
9+54	-	9+70	'4A'	LT	91
STAGE 3 TOTALS					6039
CAT. 0010 TOTALS					6620

CURE & SEAL CONCRETE SIDEWALK CONT'D

STATION	-	STATION	LOCATION		SPV.0165.01 CURE AND SEAL TREATMENT CONCRETE SIDEWALK SF
CAT. 0020					
STAGE 2					
010+40	-	010+96	'WL'	LT	318
849+30	-	849+38	USH 63	RT	185
029+36	-	029+58	'SU'	RT	302
856+77	-	856+82	USH 63	RT	78
857+67	-	857+76	USH 63	RT	105
860+59	-	860+92	USH 63	RT	693
862+89	-	864+74	USH 63	RT	1123
863+19	-	863+54	USH 63	RT	86
10+14	-	10+27	'SU'	-	130
24+65	-	24+72	'SU'	-	70
25+08	-	25+17	'SU'	-	93
32+52	-	32+60	'SU'	-	75
32+90	-	32+97	'SU'	-	75
36+17	-	36+25	'SU'	-	73
36+54	-	36+62	'SU'	-	73
48+58	-	48+68	'SU'	-	100
48+93	-	49+03	'SU'	-	100
53+32	-	53+42	'SU'	-	94
53+66	-	53+76	'SU'	-	100
58+67	-	+76	'SU'		93
59+00	-	59+10	'SU'		92
61+		1+58			
STAGE 2 TOTALS					4134
STAGE 3					
845+85	-	847+27	USH 63	LT	803
847+27	-	847+68	USH 63	LT	205
847+67	-	850+96	USH 63	LT	1662
848+98	-	849+37	USH 63	LT	360
851+40	-	855+28	USH 63	LT	1923
855+67	-	856+99	USH 63	LT	949
08+64	-	08+87	'6A'	RT	114
STAGE 3 TOTALS					6016
STAGE 4					
856+77	-	856+82	USH 63	RT	25
860+60	-	860+65	USH 63	RT	25
861+91	-	861+96	USH 63	RT	65
864+68	-	864+73	USH 63	RT	25
STAGE 4 TOTALS					140
CAT. 0020 TOTALS					10290
CAT. 0030					
STAGE 2					
27+76	-	26+38	'W1'		291
STAGE 2 TOTALS					291
CAT. 0030 TOTALS					291
PROJECT TOTALS					17201

CURE AND SEAL TREATMENT CONCRETE SAFETY ISLANDS

STATION	-	STATION	LOCATION		SPV.0165.02 CURE AND SEAL TREATMENT CONCRETE SAFETY ISLANDS SF
CAT. 0010					
STAGE 4					
789+32	-	789+54	USH 63	LT	460
856+33	-	856+77	USH 63	RT	200
856+82	-	856+87	USH 63	RT	22
860+22	-	860+59	USH 63	RT	178
860+64	-	860+72	USH 63	RT	32
861+64	-	861+91	USH 63	RT	312
861+96	-	862+49	USH 63	RT	536
864+55	-	864+68	USH 63	RT	65
864+73	-	865+10	USH 63	RT	243
PROJECT TOTAL					2048

CURE & SEAL TREATMENT CONC. MED. SLOPED NOSE

STATION	-	STATION	LOCATION	SPV.0165.03 CURE AND SEAL TREATMENT CONCRETE MEDIAN SLOPED NOSE SF
CAT. 0010				
STAGE 4				
856+28	-	856+33	USH 63	37
856+87	-	856+92	USH 63	34
860+17	-	860+22	USH 63	37
860+72	-	860+77	USH 63	34
861+59	-	861+64	USH 63	71
862+49	-	862+54	USH 63	60
864+50	-	864+55	USH 63	41
865+10	-	865+15	USH 63	34
PROJECT TOTAL				348

ASPHALTIC SURFACE TERRACE

STATION	-	STATION	LOCATION		305.0120 BASE AGGREGATE DENSE 1 1/4-INCH TON	SPV.0195.03 ASPHALTIC SURFACE TERRACE TON	COMMENT
CAT. 001							
STAGE 2							
3+62	-	364+	USH 6	RT	12	6	
3+54	-	64+04	USH 6	RT	6	3	PARKING LOT TERRACE
STAGE TOTALS					18	9	
STAGE 3							
846+07	-	846+26	USH 63	LT	2	1	
846+32	-	847+25	USH 63	LT	11	6	
847+69	-	849+31	USH 63	LT	19	10	
849+38	-	849+80	USH 63	LT	5	3	
849+92	-	850+90	USH 63	LT	11	6	
851+46	-	855+22	USH 63	LT	44	23	
855+71	-	856+75	USH 63	LT	12	6	
858+20	-	858+98	USH 63	LT	9	5	
859+39	-	860+57	USH 63	LT	14	7	
861+98	-	863+26	USH 63	LT	15	8	
863+68	-	864+32	USH 63	LT	7	4	
877+22	-	879+09	USH 63	LT	18	9	SHELL LAKE MARINE
STAGE 3 TOTALS					167	88	
TOTALS					185	97	

CLOSURE GATE

STATION	LOCATION		SPV.0105.04 CLOSURE GATE SYSTEM LS
CAT. 0010			
STAGE 3			
9+49.7	'4A' 37.81	LT	1
PROJECT TOTAL			1

ROTATE SANITARY MANHOLE CONES

STATION	LOCATION	SPV.0060.01 ROTATE SANITARY MANHOLE CONES AND ADJUST SANITARY MANHOLE COVERS EACH
CAT. 0010		
STAGE 1A		
817+08	USH 63 55' LT	1
PROJECT TOTAL		1

SPLIT CONCRETE BLOCK RETAINING WALL

STATION	-	STATION	LOCATION		SPV.0165.04 SPLIT CONCRETE BLOCK RETAINING WALL SF
CAT. 0010					
STAGE 3					
853+52	-	853+91	USH 63	LT	70
CAT. 0010 TOTAL					70
CAT. 0020					
STAGE 2					
33+25	-	33+50	'SU'	RT	99
CAT. 0020 TOTAL					99
PROJECT TOTAL					169

PRELIMINARY

TRANSPORTATION PROJECT PLAT NO: 1560-31-21-4.01

PART OF THE NW1/4 - NE1/4 AND GOV'T LOT 1 OF SECTION 2, T 37 N, R 13 W; LOT 2, C.S.M. 7-248, BEING PART OF THE SW1/4 - SE1/4, AND GOV'T LOT 1 OF SECTION 35, T 38 N, R 13 W, CITY OF SHELL LAKE, WASHBURN COUNTY, WISCONSIN.

RELOCATION ORDER USH 63 CUMBERLAND - SPOONER (WOODYARD RD TO CTH B EAST JUNCTION) WASHBURN COUNTY

TO PROPERLY ESTABLISH, LAY OUT, WIDEN, ENLARGE, EXTEND, CONSTRUCT, RECONSTRUCT, IMPROVE, OR MAINTAIN A PORTION OF THE HIGHWAY DESIGNATED ABOVE, THE STATE OF WISCONSIN DEPARTMENT OF TRANSPORTATION DEEMS IT NECESSARY TO RELOCATE OR CHANGE SAID HIGHWAY AND ACQUIRE CERTAIN LANDS AND INTERESTS OR RIGHTS IN LANDS FOR THE ABOVE PROJECT.

TO EFFECT THIS CHANGE, PURSUANT TO AUTHORITY GRANTED UNDER SECTION 84.02(3), 84.09 AND 84.30, WISCONSIN STATUTES, THE DEPARTMENT OF TRANSPORTATION HEREBY ORDERS THAT:
1. THAT PORTION OF SAID HIGHWAY AS SHOWN ON THIS PLAT IS LAID OUT AND ESTABLISHED TO THE LINES AND WIDTHS AS SO SHOWN FOR THE ABOVE PROJECT.
2. THE LANDS OR INTERESTS OR RIGHTS IN LANDS AS SHOWN ON THIS PLAT ARE REQUIRED BY THE DEPARTMENT FOR THE ABOVE PROJECT AND SHALL BE ACQUIRED IN THE NAME OF THE STATE OF WISCONSIN, PURSUANT TO THE PROVISIONS OF SECTION 84.09 (1) OR (2), WISCONSIN STATUTES.

SCHEDULE OF LANDS & INTERESTS REQUIRED

OWNER'S NAMES ARE SHOWN FOR REFERENCE PURPOSES ONLY AND ARE SUBJECT TO CHANGE PRIOR TO THE TRANSFER OF LAND INTERESTS TO THE DEPARTMENT.

PARCEL NUMBER	OWNER (S)	INTEREST REQUIRED	R/W ACRES REQUIRED			TLE ACRES REQUIRED
			NEW	EXISTING	TOTAL	
1	ELLEN K. MATSON TRUST	FEE, TLE	0.15	0.00	0.15	0.06
2	SUSAN A. PEDERSON	FEE, TLE	0.30	0.00	0.30	0.02
3	CITY OF SHELL LAKE	FEE, TLE	0.06	0.00	0.06	0.24

POINT TABLE - STA. OFFSET & COORDS.					
POINT#	STATION	DIST.	Y (N)	X (E)	
HILLTOP RD					
116	4+85.00	-33.44'	531859.68	728773.62	
117	4+85.00	-40.00'	531866.24	728773.57	
114	4+85.00	40.00'	531786.24	728774.17	
115	4+85.00	32.56'	531793.68	728774.12	
106	5+75.00	-32.48'	531859.40	728863.62	
901	5+75.00	0.54'	531826.38	728863.87	
104	5+75.00	33.52'	531793.40	728864.12	
107	6+00.00	-40.00'	531867.11	728888.56	
103	6+00.00	50.00'	531777.11	728889.25	
102	7+50.00	65.00'	531761.66	729038.55	
CTH D					
125	11+60.55	-50.75'	531857.62	729461.23	
904	11+60.55	-16.56'	531824.58	729452.40	
905	11+60.55	0.00'	531808.58	729448.13	
906	11+60.55	8.96'	531799.93	729445.81	
126	11+60.55	55.89'	531754.59	729433.70	

NOTES:

POSITIONS SHOWN ON THIS PLAT ARE WISCONSIN COUNTY COORDINATES, WASHBURN COUNTY, NAD83 (1991) IN US SURVEY FEET. VALUES SHOWN ARE GRID COORDINATES. GRID BEARINGS, AND GRID DISTANCES. GRID DISTANCES MAY BE USED AS GROUND DISTANCES.

RIGHT-OF-WAY MONUMENTS ARE TYPE 2 (1" O.D. X 24" IRON PIPE WITH CAP) AND WILL BE PLACED PRIOR TO THE COMPLETION OF THE PROJECT.
RIGHT-OF-WAY BOUNDARIES ARE DEFINED WITH COURSES OF THE PERIMETER OF THE HIGHWAY LANDS REFERENCED TO THE U.S. PUBLIC LAND SURVEY SYSTEM OR OTHER "SURVEYS OF PUBLIC RECORD".

PROPERTY LINES SHOWN ON THIS PLAT ARE DRAWN FROM DATA DERIVED FROM MAPS AND DOCUMENTS OF PUBLIC RECORD AND/OR EXISTING OCCUPATIONAL LINES. THIS PLAT MAY NOT BE A TRUE REPRESENTATION OF EXISTING PROPERTY LINES, EXCLUDING RIGHT-OF-WAY LINES, AND SHOULD NOT BE USED AS A SUBSTITUTE FOR AN ACCURATE FIELD SURVEY.

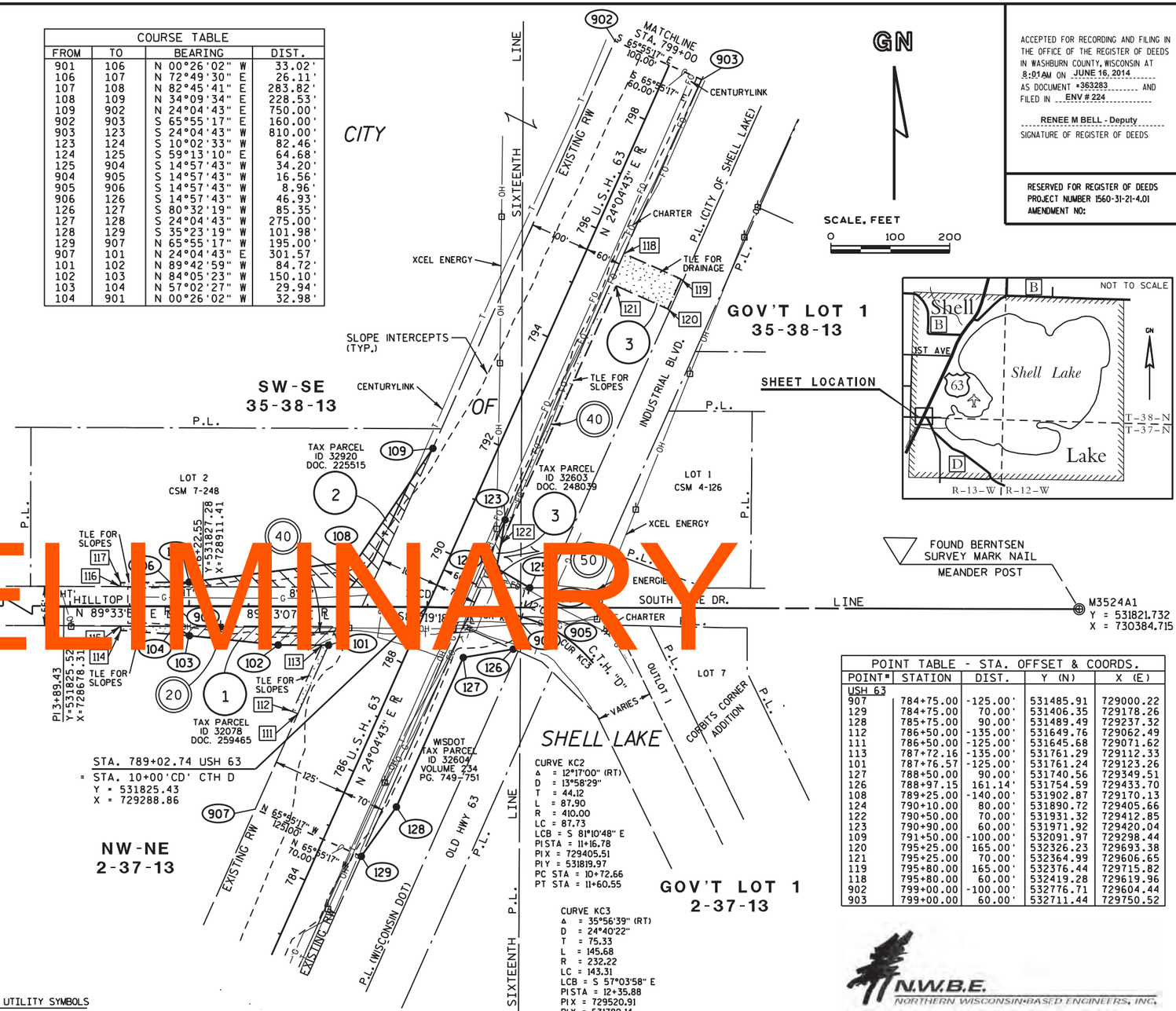
EXISTING HIGHWAY RIGHT-OF-WAY SHOWN HEREIN IS BASED ON THE FOLLOWING POINTS OF REFERENCE: RIGHT-OF-WAY FOR USH 63 ESTABLISHED FROM PREVIOUS DIVISION JOB NO. 8613, PROJECT 7011-1(23), AND PLAT 1000-58-21. HIGHWAY RIGHT-OF-WAY FOR CTH "D" ESTABLISHED FROM PREVIOUS PROJECT 8813-01-71. RIGHT-OF-WAY FOR SIDE ROADS ESTABLISHED FROM FOUND PROPERTY PINS AND DOCUMENTED EVIDENCE.

A TEMPORARY LIMITED EASEMENT (TLE) IS A RIGHT FOR CONSTRUCTION PURPOSES, AS DEFINED HEREIN, INCLUDING THE RIGHT TO OPERATE NECESSARY EQUIPMENT THEREON AND THE RIGHT OF INGRESS AND EGRESS, AS LONG AS REQUIRED FOR SUCH PUBLIC PURPOSE, INCLUDING THE RIGHT TO PRESERVE, PROTECT, REMOVE, OR PLANT THEREON ANY VEGETATION THAT THE HIGHWAY AUTHORITIES MAY DEEM NECESSARY OR DESIRABLE. ALL TLES EXPIRE AT THE COMPLETION OF THE CONSTRUCTION PROJECT FOR WHICH THIS INSTRUMENT IS GIVEN.

DIMENSIONING FOR THE NEW RIGHT-OF-WAY IS MEASURED ALONG AND PERPENDICULAR TO NEW REFERENCE LINES.

FOR CURRENT ACCESS/DRIVEWAY INFORMATION, CONTACT THE WISCONSIN DEPARTMENT OF TRANSPORTATION NORTHWEST REGIONAL OFFICE.

COURSE TABLE			
FROM	TO	BEARING	DIST.
901	106	N 00°26'02" W	33.02'
106	107	N 72°49'30" E	26.11'
107	108	N 82°45'41" E	283.82'
108	109	N 34°09'34" E	228.53'
109	902	N 24°04'43" E	750.00'
902	903	S 65°55'17" E	160.00'
903	123	S 24°04'43" W	810.00'
123	124	S 10°02'33" W	82.46'
124	125	S 59°13'10" E	64.68'
125	904	S 14°57'43" W	34.20'
904	905	S 14°57'43" W	16.56'
905	906	S 14°57'43" W	8.96'
906	126	S 14°57'43" W	46.93'
126	127	S 80°32'19" W	85.35'
127	128	S 24°04'43" W	275.00'
128	129	S 35°23'19" W	101.98'
129	907	N 65°55'17" W	195.00'
907	101	N 24°04'43" E	301.57
101	102	N 89°42'59" W	84.72'
102	103	N 84°05'23" W	150.10'
103	104	N 57°02'27" W	29.94'
104	901	N 00°26'02" W	32.98'



POINT TABLE - STA. OFFSET & COORDS.				
POINT#	STATION	DIST.	Y (N)	X (E)
USH 63				
907	784+75.00	-125.00'	531485.91	729000.22
129	784+75.00	70.00'	531406.35	729178.26
128	785+75.00	90.00'	531489.49	729237.32
112	786+50.00	-135.00'	531649.76	729062.49
111	786+50.00	-125.00'	531645.68	729071.62
113	787+72.16	-135.00'	531761.29	729112.33
101	787+76.57	-125.00'	531761.24	729123.26
127	788+50.00	90.00'	531740.56	729349.51
126	788+97.15	161.14'	531754.59	729433.70
108	789+25.00	-140.00'	531902.87	729170.13
124	790+10.00	80.00'	531890.72	729405.66
122	790+50.00	70.00'	531931.32	729412.85
123	790+90.00	60.00'	531971.92	729420.04
109	791+50.00	-100.00'	532091.97	729298.44
120	795+25.00	165.00'	532326.23	729693.38
121	795+25.00	70.00'	532364.99	729606.65
119	795+80.00	165.00'	532376.44	729715.82
118	795+80.00	60.00'	532419.28	729619.96
902	799+00.00	-100.00'	532776.71	729604.44
903	799+00.00	60.00'	532711.44	729750.52

CONVENTIONAL SYMBOLS

FOUND IRON PIPE/PIN	⌀ (1" UNLESS NOTED)	PROPOSED R/W LINE	
		EXISTING H.E. LINE	
R/W MONUMENT	○ •(SET)	PROPERTY LINE	
R/W STANDARD	▲ •(SET)	LOT & TIE LINES	
SIGN	ISIGN	SLOPE INTERCEPTS	
SECTION CORNER MONUMENT		CORPORATE LIMITS	
SECTION CORNER SYMBOL		RESTRICTED ACCESS (BY PREVIOUS ACQUISITION/CONTROL)	
FEE (HATCH VARIES)		RESTRICTED ACCESS (BY ACQUISITION)	
TEMPORARY LIMITED EASEMENT		NO ACCESS (BY STATUTORY AUTHORITY)	
PERMANENT LIMITED EASEMENT		SECTION LINE	
R/W BOUNDARY POINT	XXX	QUARTER LINE	
PARCEL NUMBER	102	SIXTEENTH LINE	
UTILITY INTEREST	(40)	EXISTING CENTERLINE	
SIGN NUMBER (OFF PREMISE)	21-H	PROPOSED REFERENCE LINE	
BUILDING		PARALLEL OFFSET	

CONVENTIONAL ABBREVIATIONS

ACCESS POINT/ DRIVEWAY CONNECTION	AP	RECORDED AS	(100')
ACCESS RIGHTS	AR	REFERENCE LINE	R/L
ACRES	AC.	RELEASE OF RIGHTS	ROR
AND OTHERS	ET.AL.	REMAINING	REM.
CENTERLINE	C/L	RIGHT-OF-WAY	R/W
CERTIFIED SURVEY MAP	CSM	SECTION	SEC.
CORNER	COR.	STATION	STA.
DOCUMENT	DOC.	TEMPORARY LIMITED EASEMENT	TLE
DOING BUSINESS AS	DBA	VOLUME	V.
EASEMENT	EASE.	**CURVE DATA**	
HIGHWAY EASEMENT	H.E.	LONG CHORD	LC
LAND CONTRACT	LC	LONG CHORD BEARING	LCB
MONUMENT	MON.	RADIUS	R
PAGE	P.	DEGREE OF CURVE	D
PERMANENT LIMITED EASEMENT	PLE	CENTRAL ANGLE OR DELTA	DELTA
PROPERTY LINE	PL	LENGTH OF CURVE	L
		TANGENT	TAN

CONVENTIONAL UTILITY SYMBOLS

	NON COMPENSABLE	COMPENSABLE
WATER	W	
GAS	G	
TELEPHONE	T	
OVERHEAD TRANSMISSION LINES	OH	
ELECTRIC	E	
CABLE TELEVISION	TV	
FIBER OPTIC	FO	
SANITARY SEWER	SAN	
STORM SEWER	SS	
POWER POLE		
TELEPHONE POLE		
TELEPHONE PEDESTAL		

UTILITY INTERESTS REQUIRED		
UTILITY NUMBER	OWNERS	INTEREST REQUIRED
20	XCEL ENERGY	RELEASE OF RIGHTS
40	CENTURYLINK	RELEASE OF RIGHTS
50	CHARTER COMMUNICATIONS	RELEASE OF RIGHTS

UTILITY EASEMENT INFORMATION		
PARCEL 1	SHELL LAKE TELEPHONE CO. DBA AS CENTURYLINK	223048 / V. 302, P. 348-349
PARCEL 2	SHELL LAKE TELEPHONE CO. DBA AS CENTURYLINK	223102 / V. 302, P. 456-457
PARCEL 3	NO UTILITY INFORMATION FOUND	

PLSS TIE TABLE			
FROM	TO	BEARING	DIST.
QTR3523	901	S 89°49'30" E	713.04'
QTR3523	SIX3524	S 89°49'30" E	1295.12'
SIX3524	M3524A1	S 89°49'30" E	938.78'
M3524A1	904	N 89°49'30" W	932.32'

SIX3524 IS THE CALCULATED NORTHEAST CORNER OF THE NW1/4 - NE1/4 OF SECTION 2, T 37 N, R 13 W

N.W.B.E.
NORTHERN WISCONSIN-BASED ENGINEERS, INC.

I, JOHN D. RIPLEY, REGISTERED LAND SURVEYOR, HEREBY CERTIFY THAT IN FULL COMPLIANCE WITH THE PROVISIONS OF SECTION 84.095 OF THE WISCONSIN STATUTES AND UNDER THE DIRECTION OF WISCONSIN DEPT. OF TRANSPORTATION, I HAVE SURVEYED TRANSPORTATION PROJECT PLAT 1560-31-21-4.01 AND THAT SUCH PLAT CORRECTLY REPRESENTS ALL EXTERIOR BOUNDARIES OF THE SURVEYED LAND.

DATE JUNE 6, 2014
John D. Ripley
JOHN D. RIPLEY REGISTRATION NO. S-2384

JOHN D. RIPLEY S-2384 SPOONER WIS.

THIS PLAT AND RELOCATION ORDER ARE APPROVED FOR THE WISCONSIN DEPARTMENT OF TRANSPORTATION.
DATE JUNE 6, 2014
Michael Piller
MICHAEL PILLER

ACCEPTED FOR RECORDING AND FILING IN THE OFFICE OF THE REGISTER OF DEEDS IN WASHBURN COUNTY, WISCONSIN AT 8:01 AM ON JUNE 16, 2014 AS DOCUMENT #363283 AND FILED IN ENV # 224
RENEE M BELL - Deputy
SIGNATURE OF REGISTER OF DEEDS

RESERVED FOR REGISTER OF DEEDS
PROJECT NUMBER 1560-31-21-4.01
AMENDMENT NO:

PRELIMINARY

4

4

TRANSPORTATION PROJECT PLAT NO: 1560-31-21-4.02

PART OF GOV'T LOT 1 AND THE NE1/4 - SE1/4 OF SECTION 35,
T 38 N, R 13 W, CITY OF SHELL LAKE, WASHBURN COUNTY, WISCONSIN.

RELOCATION ORDER USH 63 CUMBERLAND - SPOONER (WOODYARD RD TO CTH B EAST JUNCTION) WASHBURN COUNTY

TO PROPERLY ESTABLISH, LAY OUT, WIDEN, ENLARGE, EXTEND, CONSTRUCT, RECONSTRUCT, IMPROVE, OR MAINTAIN A PORTION OF THE HIGHWAY DESIGNATED ABOVE, THE STATE OF WISCONSIN DEPARTMENT OF TRANSPORTATION DEEMS IT NECESSARY TO RELOCATE OR CHANGE SAID HIGHWAY AND ACQUIRE CERTAIN LANDS AND INTERESTS OR RIGHTS IN LANDS FOR THE ABOVE PROJECT.

TO EFFECT THIS CHANGE, PURSUANT TO AUTHORITY GRANTED UNDER SECTION 84.02(3), 84.09 AND 84.30, WISCONSIN STATUTES, THE DEPARTMENT OF TRANSPORTATION HEREBY ORDERS THAT:
1. THAT PORTION OF SAID HIGHWAY AS SHOWN ON THIS PLAT IS LAID OUT AND ESTABLISHED TO THE LINES AND WIDTHS AS SO SHOWN FOR THE ABOVE PROJECT.
2. THE LANDS OR INTERESTS OR RIGHTS IN LANDS AS SHOWN ON THIS PLAT ARE REQUIRED BY THE DEPARTMENT FOR THE ABOVE PROJECT AND SHALL BE ACQUIRED IN THE NAME OF THE STATE OF WISCONSIN, PURSUANT TO THE PROVISIONS OF SECTION 84.09 (1) OR (2), WISCONSIN STATUTES.

FOUND BERNTSEN SURVEY MARK NAIL CEN3513

T 38 N, 35, R 13 W

Y = 534420.744
X = 728156.427

FOUND 2" STANDARD BRASS CAP OTR3515

T 38 N, 35 | 36, R 13 W

Y = 534366.139
X = 730760.005

ACCEPTED FOR RECORDING AND FILING IN THE OFFICE OF THE REGISTER OF DEEDS IN WASHBURN COUNTY, WISCONSIN AT 8:09AM ON JUNE 16, 2014 AS DOCUMENT # 363277 AND FILED IN ENV #218

RENEE M BELL - Deputy
SIGNATURE OF REGISTER OF DEEDS

RESERVED FOR REGISTER OF DEEDS
PROJECT NUMBER 1560-31-21-4.02
AMENDMENT NO:

SCHEDULE OF LANDS & INTERESTS REQUIRED

OWNER'S NAMES ARE SHOWN FOR REFERENCE PURPOSES ONLY AND ARE SUBJECT TO CHANGE PRIOR TO THE TRANSFER OF LAND INTERESTS TO THE DEPARTMENT.

PARCEL NUMBER	OWNER (S)	INTEREST REQUIRED	R/W ACRES REQUIRED			TLE ACRES REQUIRED
			NEW	EXISTING	TOTAL	
3	CITY OF SHELL LAKE	TLE	0.00	0.00	0.00	0.34
4	SHELL LAKE SCHOOL DISTRICT	TLE	0.00	0.00	0.00	0.14

POINT TABLE - STA. OFFSET & COORDS.

POINT*	STATION	DIST.	Y (N)	X (E)
USH 63				
902	799+00.00	-100.00'	532776.71	729604.44
903	799+00.00	60.00'	532711.44	729750.52
206	779+50.00	60.00'	532757.08	729770.92
207	779+50.00	70.00'	532753.00	729780.05
201	808+20.00	-100.00'	533616.66	729979.79
202	808+20.00	-190.00'	533653.38	729897.62
203	808+90.00	-190.00'	533717.29	729926.18
204	808+90.00	-100.00'	533680.57	730008.35
208	814+50.00	70.00'	534122.48	730392.03
209	814+50.00	60.00'	534126.56	730382.90
925	816+51.04	-100.00'	534375.39	730318.85
926	816+93.24	0.00'	534373.12	730427.36
927	817+18.56	60.00'	534371.75	730492.47
OTR3515	818+22.58	306.54'	534366.14	730760.01

UTILITY INTERESTS REQUIRED

NUMBER	OWNERS	INTEREST REQUIRED	
40	CENTURYLINK	RELEASE	RIGHTS
50	CHARTER COMMUNICATIONS	RELEASE	RIGHTS

PRELIMINARY

NOTES:

POSITIONS SHOWN ON THIS PLAT ARE WISCONSIN COUNTY COORDINATES, WASHBURN COUNTY, NAD83 (1991) IN US SURVEY FEET. VALUES SHOWN ARE GRID COORDINATES, GRID BEARINGS, AND GRID DISTANCES. GRID DISTANCES MAY BE USED AS GROUND DISTANCES.

RIGHT-OF-WAY MONUMENTS ARE TYPE 2 (1" O.D. X 24" IRON PIPE WITH CAP) AND WILL BE PLACED PRIOR TO THE COMPLETION OF THE PROJECT.
RIGHT-OF-WAY BOUNDARIES ARE DEFINED WITH COURSES OF THE PERIMETER OF THE HIGHWAY LANDS REFERENCED TO THE U.S. PUBLIC LAND SURVEY SYSTEM OR OTHER "SURVEYS OF PUBLIC RECORD".

PROPERTY LINES SHOWN ON THIS PLAT ARE DRAWN FROM DATA DERIVED FROM MAPS AND DOCUMENTS OF PUBLIC RECORD AND/OR EXISTING OCCUPATIONAL LINES. THIS PLAT MAY NOT BE A TRUE REPRESENTATION OF EXISTING PROPERTY LINES, EXCLUDING RIGHT-OF-WAY LINES, AND SHOULD NOT BE USED AS A SUBSTITUTE FOR AN ACCURATE FIELD SURVEY.

EXISTING HIGHWAY RIGHT-OF-WAY SHOWN HEREIN IS BASED ON THE FOLLOWING POINTS OF REFERENCE: RIGHT-OF-WAY FOR USH 63 ESTABLISHED FROM PREVIOUS DIVISION JOB NO. 8613, PROJECT 1011-1(23), AND PLAT 1000-58-21. RIGHT-OF-WAY FOR SIDE ROADS ESTABLISHED FROM CENTERLINE OF EXISTING PAVEMENTS.

A TEMPORARY LIMITED EASEMENT (TLE) IS A RIGHT FOR CONSTRUCTION PURPOSES, AS DEFINED HEREIN, INCLUDING THE RIGHT TO OPERATE NECESSARY EQUIPMENT THEREON AND THE RIGHT OF INGRESS AND EGRESS, AS LONG AS REQUIRED FOR SUCH PUBLIC PURPOSE, INCLUDING THE RIGHT TO PRESERVE, PROTECT, REMOVE, OR PLANT THEREON ANY VEGETATION THAT THE HIGHWAY AUTHORITIES MAY DEEM NECESSARY OR DESIRABLE. ALL TLES EXPIRE AT THE COMPLETION OF THE CONSTRUCTION PROJECT FOR WHICH THIS INSTRUMENT IS GIVEN.

DIMENSIONING FOR THE NEW RIGHT-OF-WAY IS MEASURED ALONG AND PERPENDICULAR TO NEW REFERENCE LINES.

FOR CURRENT ACCESS/DRIVEWAY INFORMATION, CONTACT THE WISCONSIN DEPARTMENT OF TRANSPORTATION NORTHWEST REGIONAL OFFICE.

CONVENTIONAL SYMBOLS

FOUND IRON PIPE/PIN — ⌀ (1" UNLESS NOTED)
R/W MONUMENT — ○ •(SET)
R/W STANDARD — ▲ •(SET)
SIGN — |SIGN
SECTION CORNER MONUMENT — ◎
SECTION CORNER SYMBOL — (BY PREVIOUS ACQUISITION/CONTROL)
FEE (HATCH VARIES) — (BY ACQUISITION)
TEMPORARY LIMITED EASEMENT — (BY STATUTORY AUTHORITY)
PERMANENT LIMITED EASEMENT — (BY ACQUISITION)
R/W BOUNDARY POINT — XXX
PARCEL NUMBER — 102
UTILITY INTEREST — 40
SIGN NUMBER (OFF PREMISE) — 21-1
BUILDING

PROPOSED R/W LINE
EXISTING H.E. LINE
PROPERTY LINE
LOT & TIE LINES
SLOPE INTERCEPTS
CORPORATE LIMITS
RESTRICTED ACCESS
NO ACCESS
SECTION LINE
QUARTER LINE
SIXTEENTH LINE
EXISTING CENTERLINE
PROPOSED REFERENCE LINE
PARALLEL OFFSET

CONVENTIONAL ABBREVIATIONS

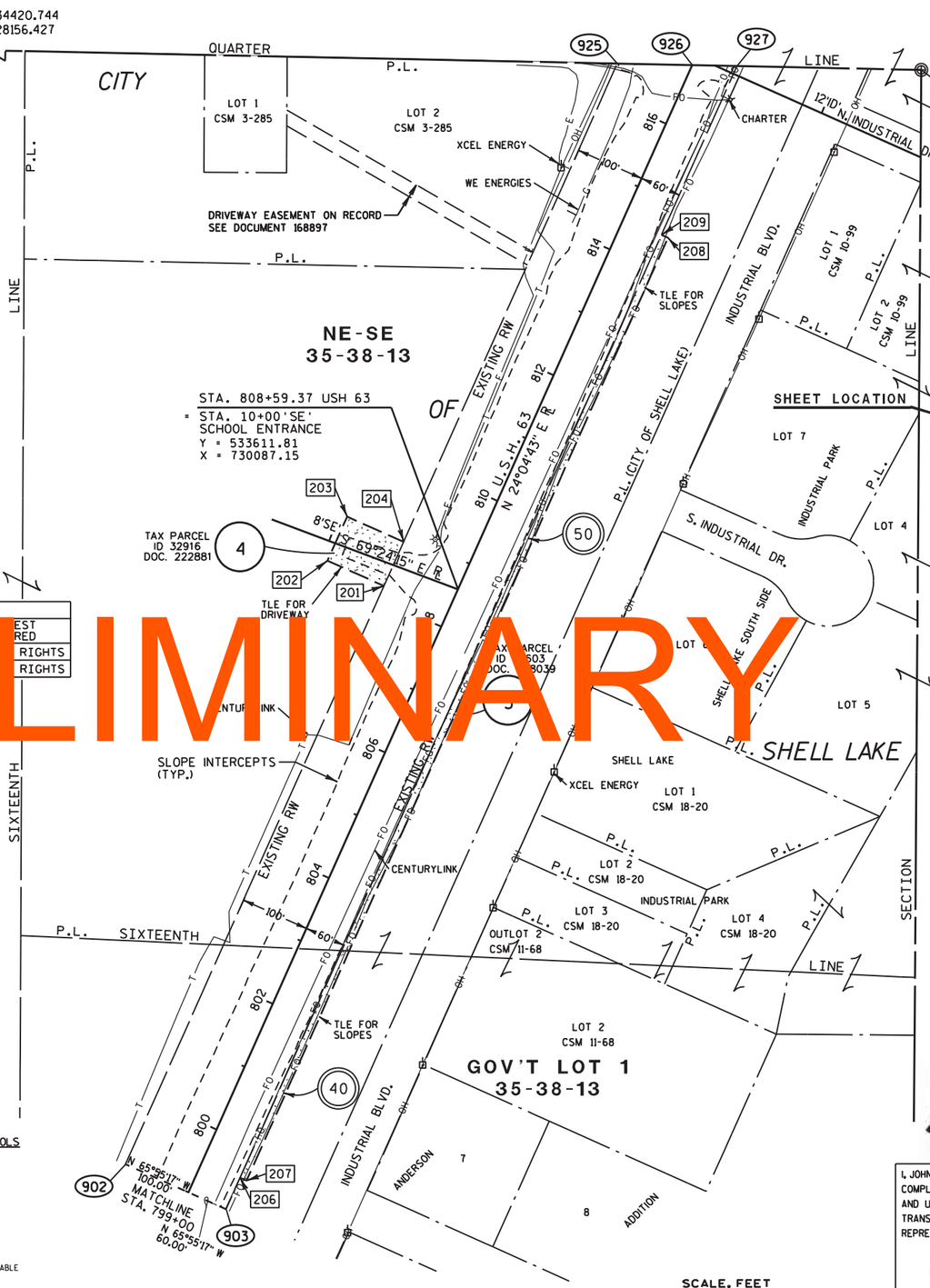
ACCESS POINT, DRIVEWAY CONNECTION	AP	REFERENCE LINE	R/L
ACCESS RIGHTS	AR	RELEASE OF RIGHTS	ROR
ACRES	AC.	REMAINING	REM.
AND OTHERS	ET.AL.	RIGHT-OF-WAY	R/W
CENTERLINE	C/L	SECTION	SEC.
CERTIFIED SURVEY MAP	CSM	STATION	STA.
CORNER	COR.	TEMPORARY LIMITED EASEMENT	TLE
DOCUMENT	DOC.	VOLUME	V.
EASEMENT	EASE.		
HIGHWAY EASEMENT	H.E.		
LAND CONTRACT	LC		
MONUMENT	MON.		
PAGE	P.		
PERMANENT LIMITED EASEMENT	PLE		
PROPERTY LINE	PL		
RECORDED AS	(100')		

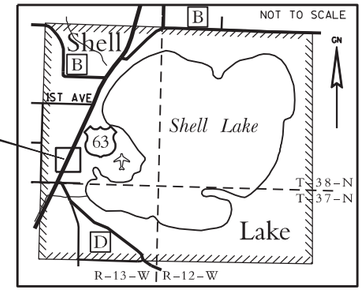
CURVE DATA

LONG CHORD	LC
LONG CHORD BEARING	LCB
RADIUS	R
DEGREE OF CURVE	D
CENTRAL ANGLE OR DELTA	DELTA
LENGTH OF CURVE	L
TANGENT	TAN

CONVENTIONAL UTILITY SYMBOLS

	NON COMPENSABLE	COMPENSABLE
WATER — W		
GAS — G		
TELEPHONE — T		
OVERHEAD — OH		
TRANSMISSION LINES		
ELECTRIC — E		
CABLE TELEVISION — TV		
FIBER OPTIC — FO		
SANITARY SEWER — SAN		
STORM SEWER — SS		
POWER POLE		
TELEPHONE POLE		
TELEPHONE PEDESTAL		





COURSE TABLE

FROM	TO	BEARING	DIST.
902	925	N 24°04'43" E	1751.04'
925	926	S 88°47'55" E	108.54'
926	927	S 88°47'55" E	65.13'
927	903	S 24°04'43" W	1818.56'
903	902	N 65°55'17" W	160.00'

PLSS TIE TABLE

FROM	TO	BEARING	DIST.
OTR3515	CEN3513	N 88°47'55" W	2604.15'
OTR3515	927	N 88°47'55" W	267.59'

OTHER EASEMENT INFORMATION

PARCEL 4	DOC. 222881 / V.302, P.51-52

UTILITY EASEMENT INFORMATION

PARCEL 3	NO UTILITY INFORMATION FOUND	
PARCEL 4	SHELL LAKE TELEPHONE CO. DBA AS CENTURYLINK	223107/V.302, P.466-467

N.W.B.E.
NORTHERN WISCONSIN-BASED ENGINEERS, INC.

I, JOHN D. RIPLEY, REGISTERED LAND SURVEYOR, HEREBY CERTIFY THAT IN FULL COMPLIANCE WITH THE PROVISIONS OF SECTION 84.095 OF THE WISCONSIN STATUTES AND UNDER THE DIRECTION OF WISCONSIN DEPT. OF TRANSPORTATION, I HAVE SURVEYED TRANSPORTATION PROJECT PLAT 1560-31-21-4.02 AND THAT SUCH PLAT CORRECTLY REPRESENTS ALL EXTERIOR BOUNDARIES OF THE SURVEYED LAND.

DATE JUNE 6, 2014
John D. Ripley
JOHN D. RIPLEY REGISTRATION NO. S-2384

JOHN D. RIPLEY S-2384 SPOONER WIS. LAND SURVEYOR

THIS PLAT AND RELOCATION ORDER ARE APPROVED FOR THE WISCONSIN DEPARTMENT OF TRANSPORTATION.
DATE JUNE 6, 2014
Michael Piller
MICHAEL PILLER

TRANSPORTATION PROJECT PLAT NO: 1560-31-21-4.03

PART OF C.S.M. 4-83, BEING PART OF THE SE 1/4 - NE 1/4 OF SECTION 35, AND GOV'T LOT 2 OF SECTION 36, ALL IN T 38 N, R 13 W, CITY OF SHELL LAKE, WASHBURN COUNTY, WISCONSIN.

RELOCATION ORDER USH 63 CUMBERLAND - SPOONER (WOODYARD RD TO CTH B EAST JUNCTION) WASHBURN COUNTY

TO PROPERLY ESTABLISH, LAY OUT, WIDEN, ENLARGE, EXTEND, CONSTRUCT, RECONSTRUCT, IMPROVE, OR MAINTAIN A PORTION OF THE HIGHWAY DESIGNATED ABOVE, THE STATE OF WISCONSIN DEPARTMENT OF TRANSPORTATION DEEMS IT NECESSARY TO RELOCATE OR CHANGE SAID HIGHWAY AND ACQUIRE CERTAIN LANDS AND INTERESTS OR RIGHTS IN LANDS FOR THE ABOVE PROJECT.

TO EFFECT THIS CHANGE, PURSUANT TO AUTHORITY GRANTED UNDER SECTION 84.02(3), 84.09 AND 84.30, WISCONSIN STATUTES, THE DEPARTMENT OF TRANSPORTATION HEREBY ORDERS THAT:
1. THAT PORTION OF SAID HIGHWAY AS SHOWN ON THIS PLAT IS LAID OUT AND ESTABLISHED TO THE LINES AND WIDTHS AS SO SHOWN FOR THE ABOVE PROJECT.
2. THE LANDS OR INTERESTS OR RIGHTS IN LANDS AS SHOWN ON THIS PLAT ARE REQUIRED BY THE DEPARTMENT FOR THE ABOVE PROJECT AND SHALL BE ACQUIRED IN THE NAME OF THE STATE OF WISCONSIN, PURSUANT TO THE PROVISIONS OF SECTION 84.09 (1) OR (2), WISCONSIN STATUTES.

SCHEDULE OF LANDS & INTERESTS REQUIRED

OWNER'S NAMES ARE SHOWN FOR REFERENCE PURPOSES ONLY AND ARE SUBJECT TO CHANGE PRIOR TO THE TRANSFER OF LAND INTERESTS TO THE DEPARTMENT.

PARCEL NUMBER	OWNER (S)	INTEREST REQUIRED	R/W ACRES REQUIRED			TLE ACRES REQUIRED
			NEW	EXISTING	TOTAL	
3	CITY OF SHELL LAKE	TLE	0.00	0.00	0.00	0.53
6	SHELL LAKE FULL GOSPEL CHURCH	TLE	0.00	0.00	0.00	0.44

NOTES:

POSITIONS SHOWN ON THIS PLAT ARE WISCONSIN COUNTY COORDINATES, WASHBURN COUNTY, NAD83 (1991) IN US SURVEY FEET. VALUES SHOWN ARE GRID COORDINATES, GRID BEARINGS, AND GRID DISTANCES. GRID DISTANCES MAY BE USED AS GROUND DISTANCES.

RIGHT-OF-WAY MONUMENTS ARE TYPE 2 (1" O.D. X 24" IRON PIPE WITH CAP) AND WILL BE PLACED PRIOR TO THE COMPLETION OF THE PROJECT.
RIGHT-OF-WAY BOUNDARIES ARE DEFINED WITH COURSES OF THE PERIMETER OF THE HIGHWAY LANDS REFERENCED TO THE U.S. PUBLIC LAND SURVEY SYSTEM OR OTHER "SURVEYS OF PUBLIC RECORD".

PROPERTY LINES SHOWN ON THIS PLAT ARE DRAWN FROM DATA DERIVED FROM MAPS AND DOCUMENTS OF PUBLIC RECORD AND/OR EXISTING OCCUPATIONAL LINES. THIS PLAT MAY NOT BE A TRUE REPRESENTATION OF EXISTING PROPERTY LINES, EXCLUDING RIGHT-OF-WAY LINES, AND SHOULD NOT BE USED AS A SUBSTITUTE FOR AN ACCURATE FIELD SURVEY.

EXISTING HIGHWAY RIGHT-OF-WAY SHOWN HEREIN IS BASED ON THE FOLLOWING POINTS OF REFERENCE: RIGHT-OF-WAY FOR USH 63 ESTABLISHED FROM PREVIOUS DIVISION JOB NO. 8613, PROJECT AND PLAT 1000-58-21. RIGHT-OF-WAY FOR SIDE ROADS ESTABLISHED FROM FOUND PROPERTY PINS AND DOCUMENTED EVIDENCE.

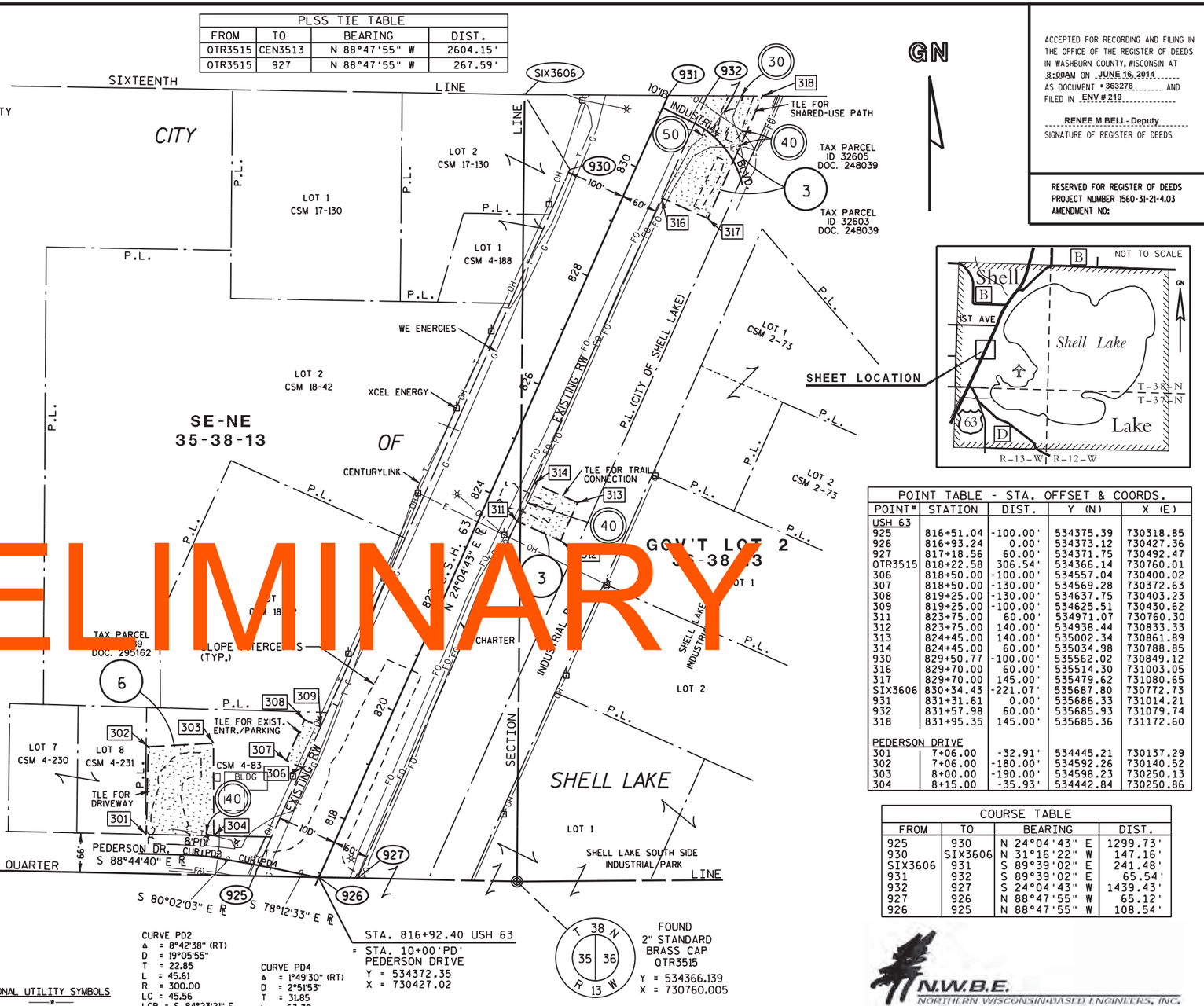
A TEMPORARY LIMITED EASEMENT (TLE) IS A RIGHT FOR CONSTRUCTION PURPOSES, AS DEFINED HEREIN, INCLUDING THE RIGHT TO OPERATE NECESSARY EQUIPMENT THEREON AND THE RIGHT OF INGRESS AND EGRESS, AS LONG AS REQUIRED FOR SUCH PUBLIC PURPOSE, INCLUDING THE RIGHT TO PRESERVE, PROTECT, REMOVE, OR PLANT THEREON ANY VEGETATION THAT THE HIGHWAY AUTHORITIES MAY DEEM NECESSARY OR DESIRABLE. ALL TLES EXPIRE AT THE COMPLETION OF THE CONSTRUCTION PROJECT FOR WHICH THIS INSTRUMENT IS GIVEN.

DIMENSIONING FOR THE NEW RIGHT-OF-WAY IS MEASURED ALONG AND PERPENDICULAR TO NEW REFERENCE LINES.

DIMENSIONING FOR EXISTING PEDERSON DRIVE RIGHT-OF-WAY IS MEASURED FROM THE EAST-WEST QUARTER LINE OF SECTION 35.

FOR CURRENT ACCESS/DRIVEWAY INFORMATION, CONTACT THE WISCONSIN DEPARTMENT OF TRANSPORTATION NORTHWEST REGIONAL OFFICE.

PLSS TIE TABLE			
FROM	TO	BEARING	DIST.
OTR3515	CEN3513	N 88°47'55" W	2604.15'
OTR3515	927	N 88°47'55" W	267.59'



CURVE PD2
Δ = 8°42'38" (RT)
D = 19°05'55"
T = 22.85
L = 45.61
R = 300.00
LC = 45.56
LCB = S 84°23'21" E
PC STA = 7+75.48
PI STA = 7+98.33
PI X = 730228.88
PI Y = 534410.28
PT STA = 8+21.09

CURVE PD4
Δ = 1°49'30" (RT)
D = 2°51'53"
T = 31.85
L = 63.70
R = 2000.00
LC = 63.70
LCB = S 79°07'18" E
PC STA = 8+71.62
PI STA = 9+03.48
PI X = 730332.53
PI Y = 534392.07
PT STA = 9+35.32

POINT TABLE - STA. OFFSET & COORDS.				
POINT#	STATION	DIST.	Y (N)	X (E)
USH 63				
925	816+51.04	-100.00'	534375.39	730318.85
926	816+93.24	0.00'	534373.12	730427.36
927	817+18.56	60.00'	534371.75	730492.47
OTR3515	818+22.58	306.54'	534366.14	730760.01
306	818+50.00	-100.00'	534557.04	730400.02
307	818+50.00	-130.00'	534569.28	730372.63
308	819+25.00	-130.00'	534637.75	730403.23
309	819+25.00	-100.00'	534625.51	730430.62
311	823+75.00	60.00'	534971.07	730760.30
312	823+75.00	140.00'	534938.44	730833.33
313	824+45.00	140.00'	535002.34	730861.89
314	824+45.00	60.00'	535034.98	730788.85
930	829+50.77	-100.00'	535562.02	730849.12
316	829+70.00	60.00'	535514.30	731003.05
317	829+70.00	145.00'	535479.62	731080.65
SIX3606	830+34.43	-221.07'	535687.80	730772.73
931	831+31.61	0.00'	535686.33	731014.21
932	831+57.98	60.00'	535685.93	731079.74
318	831+95.35	145.00'	535685.36	731172.60
PEDERSON DRIVE				
301	7+06.00	-32.91'	534445.21	730137.29
302	7+06.00	-180.00'	534592.26	730140.52
303	8+00.00	-190.00'	534598.23	730250.13
304	8+15.00	-35.93'	534442.84	730250.86

COURSE TABLE			
FROM	TO	BEARING	DIST.
925	930	N 24°04'43" E	1299.73'
930	SIX3606	N 31°16'22" W	147.16'
SIX3606	931	S 89°39'02" E	241.48'
931	932	S 89°39'02" E	65.54'
932	927	S 24°04'43" W	1439.43'
927	926	N 88°47'55" W	65.12'
926	925	N 88°47'55" W	108.54'

UTILITY INTERESTS REQUIRED		
UTILITY NUMBER	OWNERS	INTEREST REQUIRED
30	WE ENERGIES	RELEASE OF RIGHTS
40	CENTURYLINK	RELEASE OF RIGHTS
50	CHARTER COMMUNICATIONS	RELEASE OF RIGHTS

UTILITY EASEMENT INFORMATION	
PARCEL 3	NO UTILITY INFORMATION FOUND
PARCEL 6	NO UTILITY INFORMATION FOUND

OTHER EASEMENT INFORMATION	
PARCEL 6	DOC. 244732 (HIGHWAY PURPOSES)
PARCEL 6	DOC. 180067 (STREET DEDICATION)

SCALE, FEET
0 100 200

CONVENTIONAL SYMBOLS

FOUND IRON PIPE/PIN	⌀ (1" UNLESS NOTED)	PROPOSED R/W LINE	
R/W MONUMENT	▫ •(SET)	EXISTING H.E. LINE	
R/W STANDARD	▲ •(SET)	PROPERTY LINE	
SIGN	ISIGN	LOT & TIE LINES	
SECTION CORNER MONUMENT	◎	SLOPE INTERCEPTS	
SECTION CORNER SYMBOL	(SEC)	CORPORATE LIMITS	
FEE (HATCH VARIES)		RESTRICTED ACCESS (BY PREVIOUS ACQUISITION/CONTROL)	
TEMPORARY LIMITED EASEMENT		RESTRICTED ACCESS (BY ACQUISITION)	
PERMANENT LIMITED EASEMENT		NO ACCESS (BY STATUTORY AUTHORITY)	
R/W BOUNDARY POINT	XXX	SECTION LINE	
PARCEL NUMBER	102	QUARTER LINE	
UTILITY INTEREST	40	SIXTEENTH LINE	
SIGN NUMBER (OFF PREMISE)	21-5	EXISTING CENTERLINE	
BUILDING		PROPOSED REFERENCE LINE	
		PARALLEL OFFSET	

CONVENTIONAL ABBREVIATIONS

ACCESS POINT/ DRIVEWAY CONNECTION	AP	REFERENCE LINE	R/L
ACCESS RIGHTS	AR	RELEASE OF RIGHTS	ROR
ACRES	AC.	REMAINING	REM.
AND OTHERS	ET.AL.	RIGHT-OF-WAY	R/W
CENTERLINE	C/L	SECTION	SEC.
CERTIFIED SURVEY MAP	CSM	STATION	STA.
CORNER	COR.	TEMPORARY LIMITED EASEMENT	TLE
DOCUMENT	DOC.	VOLUME	V.
EASEMENT	EASE.	**CURVE DATA**	
HIGHWAY EASEMENT	H.E.	LONG CHORD	LC
LAND CONTRACT	LC	LONG CHORD BEARING	LCB
MONUMENT	MON.	RADIUS	R
PAGE	P.	DEGREE OF CURVE	D
PERMANENT LIMITED EASEMENT	PLE	CENTRAL ANGLE OR DELTA	DELTA
PROPERTY LINE	PL	LENGTH OF CURVE	L
RECORDED AS	(100')	TANGENT	TAN

CONVENTIONAL UTILITY SYMBOLS

WATER	W		
GAS	G		
TELEPHONE	T		
OVERHEAD TRANSMISSION LINES	OH		
ELECTRIC	E		
CABLE TELEVISION	TV		
FIBER OPTIC	FO		
SANITARY SEWER	SAN		
STORM SEWER	SS		
		NON COMPENSABLE	COMPENSABLE
POWER POLE		⌀	⌀
TELEPHONE POLE		⌀	⌀
TELEPHONE PEDESTAL		⌑	⌑

ACCEPTED FOR RECORDING AND FILING IN THE OFFICE OF THE REGISTER OF DEEDS IN WASHBURN COUNTY, WISCONSIN AT 8:00AM ON JUNE 16, 2014 AS DOCUMENT #363278 AND FILED IN ENV # 219

RENEE M BELL- Deputy
SIGNATURE OF REGISTER OF DEEDS

RESERVED FOR REGISTER OF DEEDS
PROJECT NUMBER 1560-31-21-4.03
AMENDMENT NO:

N.W.B.E.
NORTHERN WISCONSIN-BASED ENGINEERS, INC.

I, JOHN D. RIPLEY, REGISTERED LAND SURVEYOR, HEREBY CERTIFY THAT IN FULL COMPLIANCE WITH THE PROVISIONS OF SECTION 84.095 OF THE WISCONSIN STATUTES AND UNDER THE DIRECTION OF WISCONSIN DEPT. OF TRANSPORTATION, I HAVE SURVEYED TRANSPORTATION PROJECT PLAT 1560-31-21-4.03 AND THAT SUCH PLAT CORRECTLY REPRESENTS ALL EXTERIOR BOUNDARIES OF THE SURVEYED LAND.

DATE JUNE 6, 2014
John D. Ripley
JOHN D. RIPLEY REGISTRATION NO. S-2384

JOHN D. RIPLEY S-2384 SPOONER WIS. LAND SURVEYOR

THIS PLAT AND RELOCATION ORDER ARE APPROVED FOR THE WISCONSIN DEPARTMENT OF TRANSPORTATION.
DATE JUNE 6, 2014
Michael Piller
MICHAEL PILLER

PRELIMINARY

4

4

TRANSPORTATION PROJECT PLAT NO: 1560-31-21-4.04

PART OF LOT 4, C.S.M. 4-16, ALSO BEING PART OF LOT 17 AND PART OF A VACATED ALLEY WITHIN RIDGEWAY ADDITION, AND GOV'T LOT 1, ALL IN SECTION 36, T 38 N, R 13 W, CITY OF SHELL LAKE, WASHBURN COUNTY, WISCONSIN.

RELOCATION ORDER USH 63 CUMBERLAND - SPOONER (WOODYARD RD TO CTH B EAST JUNCTION) WASHBURN COUNTY

TO PROPERLY ESTABLISH, LAY OUT, WIDEN, ENLARGE, EXTEND, CONSTRUCT, RECONSTRUCT, IMPROVE, OR MAINTAIN A PORTION OF THE HIGHWAY DESIGNATED ABOVE, THE STATE OF WISCONSIN DEPARTMENT OF TRANSPORTATION DEEMS IT NECESSARY TO RELOCATE OR CHANGE SAID HIGHWAY AND ACQUIRE CERTAIN LANDS AND INTERESTS OR RIGHTS IN LANDS FOR THE ABOVE PROJECT.

TO EFFECT THIS CHANGE, PURSUANT TO AUTHORITY GRANTED UNDER SECTION 84.02(3), 84.09 AND 84.30, WISCONSIN STATUTES, THE DEPARTMENT OF TRANSPORTATION HEREBY ORDERS THAT:
1. THAT PORTION OF SAID HIGHWAY AS SHOWN ON THIS PLAT IS LAID OUT AND ESTABLISHED TO THE LINES AND WIDTHS AS SO SHOWN FOR THE ABOVE PROJECT.
2. THE LANDS OR INTERESTS OR RIGHTS IN LANDS AS SHOWN ON THIS PLAT ARE REQUIRED BY THE DEPARTMENT FOR THE ABOVE PROJECT AND SHALL BE ACQUIRED IN THE NAME OF THE STATE OF WISCONSIN, PURSUANT TO THE PROVISIONS OF SECTION 84.09 (1) OR (2), WISCONSIN STATUTES.

SCHEDULE OF LANDS & INTERESTS REQUIRED

OWNER'S NAMES ARE SHOWN FOR REFERENCE PURPOSES ONLY AND ARE SUBJECT TO CHANGE PRIOR TO THE TRANSFER OF LAND INTERESTS TO THE DEPARTMENT.

PARCEL NUMBER	OWNER (S)	INTEREST REQUIRED	R/W ACRES REQUIRED			TLE ACRES REQUIRED
			NEW	EXISTING	TOTAL	
3	CITY OF SHELL LAKE	TLE	0.00	0.00	0.00	1.69

NOTES:

POSITIONS SHOWN ON THIS PLAT ARE WISCONSIN COUNTY COORDINATES, WASHBURN COUNTY, NAD83 (1991) IN US SURVEY FEET. VALUES SHOWN ARE GRID COORDINATES, GRID BEARINGS, AND GRID DISTANCES. GRID DISTANCES MAY BE USED AS GROUND DISTANCES.

RIGHT-OF-WAY MONUMENTS ARE TYPE 2 (1" O.D. X 24" IRON PIPE WITH CAP) AND WILL BE PLACED PRIOR TO THE COMPLETION OF THE PROJECT.

RIGHT-OF-WAY BOUNDARIES ARE DEFINED WITH COURSES OF THE PERIMETER OF THE [illegible] REFERENCED TO THE U.S. PUBLIC LAND SURVEY SYSTEM OR OTHER "SURVEYS OF [illegible]LIC RECORD.

PROPERTY LINES SHOWN ON THIS PLAT ARE DRAWN FROM DATA DERIVED FROM MAPS AND DOCUMENTS OF PUBLIC RECORD AND/OR EXISTING OCCUPATIONAL LINES. THIS PLAT MAY NOT BE A TRUE REPRESENTATION OF EXISTING PROPERTY LINES, EXCLUDING RIGHT-OF-WAY LINES, AND [illegible] BE USED AS A SUBSTITUTE FOR AN ACCURATE FIELD SURVEY.

EXISTING RIGHT-OF-WAY SHOWN HEREIN IS BASED ON THE FOLLOWING POINTS OF REFERENCE: RIGHT-OF-WAY FOR USH 63 ESTABLISHED FROM PREVIOUS DIVISION JOB NO. 8613, PROJECT 7011-1(23), AND PLAT 1000-58-21. RIGHT-OF-WAY FOR SIDE ROADS ESTABLISHED FROM FOUND PROPERTY PINS AND DOCUMENTED EVIDENCE.

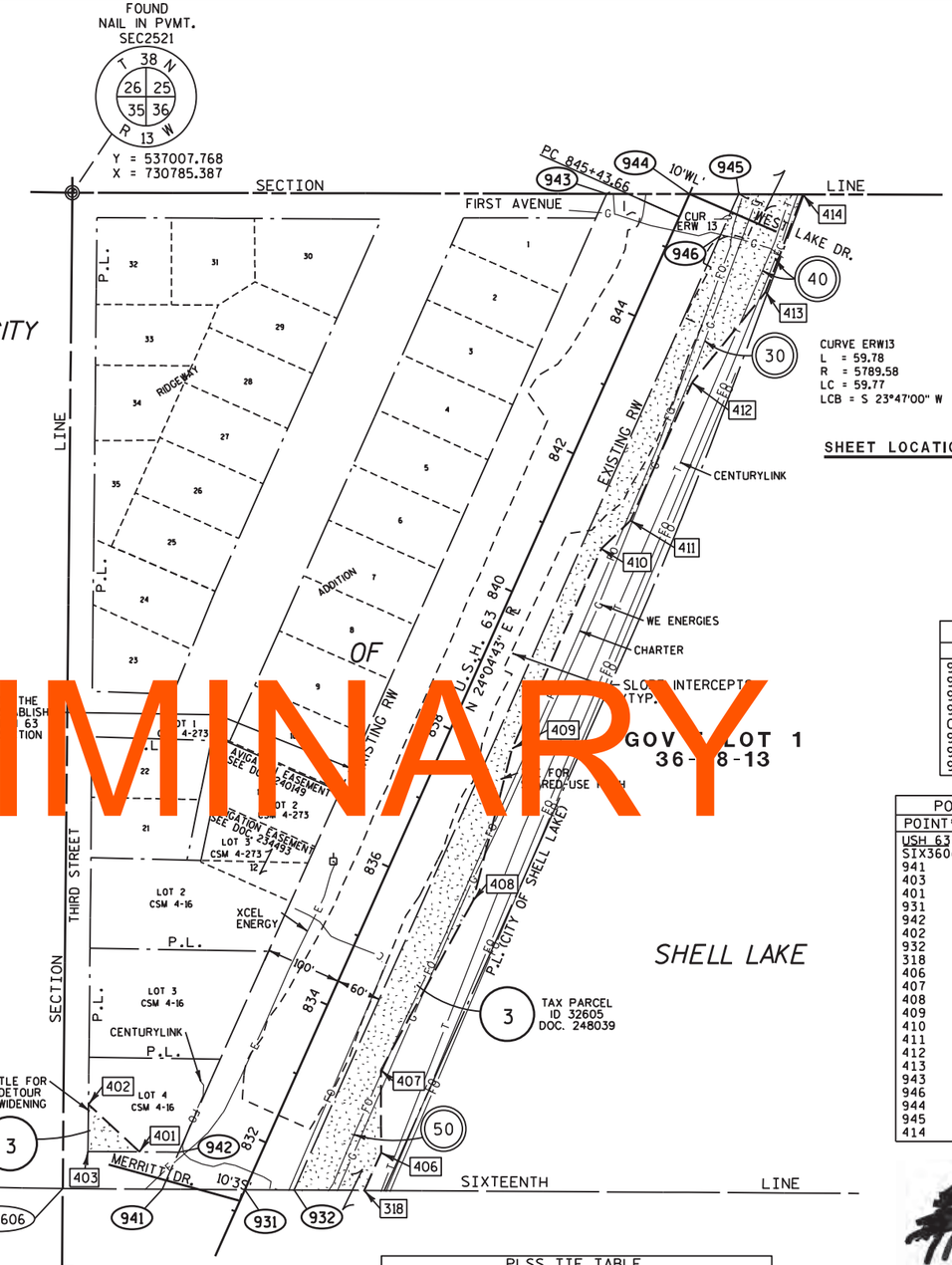
A TEMPORARY LIMITED EASEMENT (TLE) IS A RIGHT FOR CONSTRUCTION PURPOSES, AS DEFINED HEREIN, INCLUDING THE RIGHT TO OPERATE NECESSARY EQUIPMENT THEREON AND THE RIGHT OF INGRESS AND EGRESS, AS LONG AS REQUIRED FOR SUCH PUBLIC PURPOSE, INCLUDING THE RIGHT TO PRESERVE, PROTECT, REMOVE, OR PLANT THEREON ANY VEGETATION THAT THE HIGHWAY AUTHORITIES MAY DEEM NECESSARY OR DESIRABLE. ALL TLES EXPIRE AT THE COMPLETION OF THE CONSTRUCTION PROJECT FOR WHICH THIS INSTRUMENT IS GIVEN.

DIMENSIONING FOR THE NEW RIGHT-OF-WAY IS MEASURED ALONG AND PERPENDICULAR TO NEW REFERENCE LINES.

FOR CURRENT ACCESS/DRIVEWAY INFORMATION, CONTACT THE WISCONSIN DEPARTMENT OF TRANSPORTATION NORTHWEST REGIONAL OFFICE.

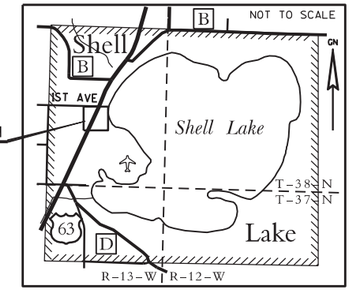
UTILITY INTERESTS REQUIRED		
UTILITY NUMBER	OWNERS	INTEREST REQUIRED
30	WE ENERGIES	RELEASE OF RIGHTS
40	CENTURYLINK	RELEASE OF RIGHTS
50	CHARTER COMMUNICATIONS	RELEASE OF RIGHTS

UTILITY EASEMENT INFORMATION	
PARCEL 3	NO UTILITY INFORMATION FOUND



CURVE ERW13
L = 59.78
R = 5789.58
LC = 59.77
LCB = S 23°47'00" W

SHEET LOCATION



COURSE TABLE			
FROM	TO	BEARING	DIST.
941	942	N 24°04'43" E	53.69'
942	943	N 24°04'43" E	1391.17'
943	944	S 89°52'04" E	109.31'
944	945	S 89°52'04" E	65.42'
CURVE ERW13			
946	932	S 24°04'43" W	1385.68'
932	931	N 89°39'02" W	65.54'
931	941	N 89°39'02" W	109.23'

POINT TABLE - STA. OFFSET & COORDS.				
POINT*	STATION	DIST.	Y (N)	X (E)
USH 63				
SIX3606	830+34.43	-221.07'	535687.80	730772.73
941	830+87.65	-100.00'	535686.99	730904.98
403	830+93.10	-210.53'	535737.06	730806.29
401	831+20.41	-147.96'	535736.47	730874.55
931	831+31.61	0.00'	535686.33	731014.21
942	831+41.35	-100.00'	535736.02	730926.88
402	831+50.27	-235.41'	535799.41	730806.89
932	831+57.98	60.00'	535685.93	731079.74
318	831+95.35	145.00'	535685.36	731172.60
406	832+50.00	145.00'	535735.26	731194.89
407	833+50.00	100.00'	535844.92	731194.61
408	836+05.00	120.00'	536069.57	731316.90
409	838+10.00	85.00'	536271.01	731368.59
410	841+00.00	85.00'	536535.77	731486.91
411	841+50.00	105.00'	536573.26	731525.57
412	843+50.00	105.00'	536755.86	731607.16
413	845+00.00	145.00'	536876.49	731704.88
943	845+32.51	-100.00'	537006.13	731494.47
946	845+43.66	60.00'	536951.03	731645.09
944	845+76.88	0.00'	537005.88	731603.78
945	846+02.82	60.00'	537005.73	731669.20
414	846+35.70	138.06'	537005.54	731754.12

PLSS TIE TABLE			
FROM	TO	BEARING	DIST.
SEC2521	OTR3515	S 00°33'02" W	2641.75'
OTR3515	SIX3606	N 00°33'02" E	1321.72'
SIX3606	941	S 89°39'02" E	132.25'

SCALE, FEET
0 100 200

SHELL LAKE

CONVENTIONAL SYMBOLS

FOUND IRON PIPE/PIN	(IF UNLESS NOTED)	PROPOSED R/W LINE	
R/W MONUMENT	○ •(SET)	EXISTING H.E. LINE	
R/W STANDARD	▲ •(SET)	PROPERTY LINE	
SIGN	ISIGN	LOT & TIE LINES	
SECTION CORNER MONUMENT		SLOPE INTERCEPTS	
SECTION CORNER SYMBOL		CORPORATE LIMITS	
FEE (HATCH VARIES)		RESTRICTED ACCESS (BY PREVIOUS ACQUISITION/CONTROL)	
TEMPORARY LIMITED EASEMENT		RESTRICTED ACCESS (BY ACQUISITION)	
PERMANENT LIMITED EASEMENT		NO ACCESS (BY STATUTORY AUTHORITY)	
R/W BOUNDARY POINT	RWB20	SECTION LINE	
PARCEL NUMBER	102	QUARTER LINE	
UTILITY INTEREST	40	SIXTEENTH LINE	
SIGN NUMBER (OFF PREMISE)	21-1	EXISTING CENTERLINE	
BUILDING		PROPOSED REFERENCE LINE	
		PARALLEL OFFSET	

CONVENTIONAL ABBREVIATIONS

ACCESS POINT/ DRIVEWAY CONNECTION	AP	REFERENCE LINE	R/L
ACCESS RIGHTS	AR	RELEASE OF RIGHTS	ROR
ACRES	AC.	REMAINING	REM.
AND OTHERS	ET.AL.	RIGHT-OF-WAY	R/W
CENTERLINE	C/L	SECTION	SEC.
CERTIFIED SURVEY MAP	CSM	STATION	STA.
CORNER	COR.	TEMPORARY LIMITED EASEMENT	TLE
DOCUMENT	DOC.	VOLUME	V.
EASEMENT	EASE.	**CURVE DATA**	
HIGHWAY EASEMENT	H.E.	LONG CHORD	LC
LAND CONTRACT	LC	LONG CHORD BEARING	LCB
MONUMENT	MON.	RADIUS	R
PAGE	P.	DEGREE OF CURVE	D
PERMANENT LIMITED EASEMENT	PLE	CENTRAL ANGLE OR DELTA	DELTA
PROPERTY LINE	PL	LENGTH OF CURVE	L
RECORDED AS	(100')	TANGENT	TAN

CONVENTIONAL UTILITY SYMBOLS

	NON COMPENSABLE	COMPENSABLE
WATER	W	
GAS	G	
TELEPHONE	T	
OVERHEAD TRANSMISSION LINES	OH	
ELECTRIC	E	
CABLE TELEVISION	TV	
FIBER OPTIC	FO	
SANITARY SEWER	SAN	
STORM SEWER	SS	
POWER POLE	ø	ø
TELEPHONE POLE	ø	ø
TELEPHONE PEDESTAL	⊠	⊠

PRELIMINARY

ACCEPTED FOR RECORDING AND FILING IN THE OFFICE OF THE REGISTER OF DEEDS IN WASHBURN COUNTY, WISCONSIN AT 8:00 AM ON JUNE 16, 2014 AS DOCUMENT #363279 AND FILED IN ENV # 220

RENEE M BELL - Deputy
SIGNATURE OF REGISTER OF DEEDS

RESERVED FOR REGISTER OF DEEDS
PROJECT NUMBER 1560-31-21-4.04
AMENDMENT NO:

N.W.B.E.
NORTHERN WISCONSIN-BASED ENGINEERS, INC.

I, JOHN D. RIPLEY, REGISTERED LAND SURVEYOR, HEREBY CERTIFY THAT IN FULL COMPLIANCE WITH THE PROVISIONS OF SECTION 84.095 OF THE WISCONSIN STATUTES AND UNDER THE DIRECTION OF WISCONSIN DEPT. OF TRANSPORTATION, I HAVE SURVEYED TRANSPORTATION PROJECT PLAT 1560-31-21-4.04 AND THAT SUCH PLAT CORRECTLY REPRESENTS ALL EXTERIOR BOUNDARIES OF THE SURVEYED LAND.

DATE JUNE 6, 2014

JOHN D. RIPLEY REGISTRATION NO. S-2384

JOHN D. RIPLEY S-2384 SPOONER WIS. LAND SURVEYOR

THIS PLAT AND RELOCATION ORDER ARE APPROVED FOR THE WISCONSIN DEPARTMENT OF TRANSPORTATION.

DATE JUNE 6, 2014

MICHAEL PILLER

TRANSPORTATION PROJECT PLAT NO: 1560-31-21-4.05

PART OF LOTS 5 & 7, BLOCK 7, ORIGINAL PLAT OF THE CITY OF SHELL LAKE, AND GOV'T LOT 4, ALL IN SECTION 25, T 38 N, R 13 W, CITY OF SHELL LAKE, WASHBURN COUNTY, WISCONSIN.

RELOCATION ORDER USH 63 CUMBERLAND - SPOONER (WOODYARD RD TO CTH B EAST JUNCTION) WASHBURN COUNTY

TO PROPERLY ESTABLISH, LAY OUT, WIDEN, ENLARGE, EXTEND, CONSTRUCT, RECONSTRUCT, IMPROVE, OR MAINTAIN A PORTION OF THE HIGHWAY DESIGNATED ABOVE, THE STATE OF WISCONSIN DEPARTMENT OF TRANSPORTATION DEEMS IT NECESSARY TO RELOCATE OR CHANGE SAID HIGHWAY AND ACQUIRE CERTAIN LANDS AND INTERESTS OR RIGHTS IN LANDS FOR THE ABOVE PROJECT.

TO EFFECT THIS CHANGE, PURSUANT TO AUTHORITY GRANTED UNDER SECTION 84.02(3), 84.09 AND 84.30, WISCONSIN STATUTES, THE DEPARTMENT OF TRANSPORTATION HEREBY ORDERS THAT:
1. THAT PORTION OF SAID HIGHWAY AS SHOWN ON THIS PLAT IS LAID OUT AND ESTABLISHED TO THE LINES AND WIDTHS AS SO SHOWN FOR THE ABOVE PROJECT.
2. THE LANDS OR INTERESTS OR RIGHTS IN LANDS AS SHOWN ON THIS PLAT ARE REQUIRED BY THE DEPARTMENT FOR THE ABOVE PROJECT AND SHALL BE ACQUIRED IN THE NAME OF THE STATE OF WISCONSIN, PURSUANT TO THE PROVISIONS OF SECTION 84.09 (1) OR (2), WISCONSIN STATUTES.

SCHEDULE OF LANDS & INTERESTS REQUIRED

OWNER'S NAMES ARE SHOWN FOR REFERENCE PURPOSES ONLY AND ARE SUBJECT TO CHANGE PRIOR TO THE TRANSFER OF LAND INTERESTS TO THE DEPARTMENT.

PARCEL NUMBER	OWNER (S)	INTEREST REQUIRED	R/W ACRES REQUIRED			TLE ACRES (S.F.) REQUIRED
			NEW	EXISTING	TOTAL	
3	CITY OF SHELL LAKE	TLE	0.00	0.00	0.00	0.97
5	WASHBURN CO. HISTORICAL SOCIETY	TLE	0.00	0.00	0.00	(205)
7	JOHNSON FAMILY IRREV. TRUST	TLE	0.00	0.00	0.00	(673)

NOTES:

POSITIONS SHOWN ON THIS PLAT ARE WISCONSIN COUNTY COORDINATES, WASHBURN COUNTY, NAD83 (1991) IN US SURVEY FEET. VALUES SHOWN ARE GRID COORDINATES. GRID BEARINGS, AND GRID DISTANCES. GRID DISTANCES MAY BE USED AS GROUND DISTANCES.

RIGHT-OF-WAY MONUMENTS ARE TYPE 2 (1" O.D. X 24" IRON PIPE WITH CAP) AND WILL BE PLACED PRIOR TO THE COMPLETION OF THE PROJECT.
RIGHT-OF-WAY BOUNDARIES ARE DEFINED WITH COURSES OF THE PERIMETER OF THE HIGHWAY LANDS REFERENCED TO THE U.S. PUBLIC LAND SURVEY SYSTEM OR OTHER "SURVEYS OF PUBLIC RECORD".

PROPERTY LINES SHOWN ON THIS PLAT ARE DRAWN FROM DATA DERIVED FROM MAPS AND DOCUMENTS OF PUBLIC RECORD AND/OR EXISTING OCCUPATIONAL LINES. THIS PLAT MAY NOT BE A TRUE REPRESENTATION OF EXISTING PROPERTY LINES. RIGHT-OF- SHOULD USED AS A SUBSTITUTE FOR AN ACCURATE FIELD SURVEY.

EXISTING HIGHWAY RIGHT-OF-WAY SHOWN HERE IS BASED ON THE LOWING POINTS OF REFERENCE: RIGHT-OF-WAY FOR USH 63 ESTABLISHED FRO PREVIOUS DIVISION NO. 8617 PROJECT AND PLAT 1000-58-21. RIGHT-OF-WAY FOR SID ESTABLISHED FROM AND PROPER PINS AND DOCUMENTED EVIDENCE.

A TEMPORARY LIMITED EASEMENT (TLE) IS A RIGHT FOR CONSTRUCTION PURPOSES AS DEFINED HEREIN, INCLUDING THE RIGHT TO OPERATE NECESSARY EQUIPMENT THEREON AND THE RIGHT OF INGRESS, EGRESS, AS LONG AS REQUIRED FOR SUCH PUBLIC PURPOSE, INCLUDING THE RIGHT TO PRESERVE, PROTECT, REMOVE, OR PLANT THEREON ANY VEGETATION THAT THE HIGHWAY AUTHORITIES MAY DEEM NECESSARY OR DESIRABLE. ALL TLES EXPIRE AT THE COMPLETION OF THE CONSTRUCTION PROJECT FOR WHICH THIS INSTRUMENT IS GIVEN.

DIMENSIONING FOR THE NEW RIGHT-OF-WAY IS MEASURED ALONG AND PERPENDICULAR TO NEW REFERENCE LINES.

DIMENSIONING FOR EXISTING FIRST AVENUE RIGHT-OF-WAY IS MEASURED FROM THE SOUTH LINE SECTION 25 AS RECORDED ON WASHBURN COUNTY CERTIFIED SURVEY MAP 1924 (C.S.M. 8-85).

FOR CURRENT ACCESS/DRIVEWAY INFORMATION, CONTACT THE WISCONSIN DEPARTMENT OF TRANSPORTATION NORTHWEST REGIONAL OFFICE.

FOUND BERNTSEN MONUMENT OTR2511
T 38 N, R 13 W, SECTION 26, 25
Y = 539658.518
X = 730788.672

FOUND NAIL IN PVMT. SEC2521
T 38 N, R 13 W, SECTION 26, 25, 35, 36
Y = 537007.768
X = 730785.387

SECTION LINE

COURSE TABLE			
FROM	TO	BEARING	DIST.
943	951	N 61°30'59" E	83.42'
951	952	N 18°50'31" E	139.70'
952	953	N 68°14'12" E	43.42'
953	954	N 17°28'15" E	85.64'
954	955	N 00°15'40" W	50.06'
955	508	N 00°14'58" W	12.55'
508	509	N 29°58'43" E	130.82'
509	956	N 00°44'13" W	103.55'
956	957	S 89°28'45" E	40.96'
957	958	N 18°04'26" E	138.59'
958	968	N 25°09'26" E	42.15'
968	967	S 69°39'58" E	94.23'
967	959	S 20°20'02" W	416.86'
CURVE ERW14			
945	944	N 89°52'04" W	65.42'
944	943	N 89°52'04" W	109.31'

CURVE PRL1-4
Δ = 03°44'41" (LT)
D = 1°00'00"
T = 187.30
L = 374.47
R = 5729.58
LC = 374.41
LCB = N 22°12'23" E
PI STA = 847+30.97
PI X = 731666.73
PI Y = 537146.52
PC = STA 845+43.66
PT = STA 849+18.14

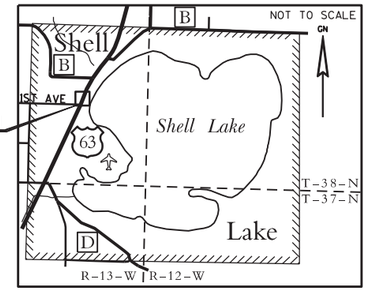
CURVE ERW14
L = 318.62
R = 5789.58
LC = 318.58
LCB = S 21°54'38" W

STA. 845+80.50 USH 63
= STA. 10+00'1A' FIRST AVENUE
Y = 537009.19
X = 731605.23

ACCEPTED FOR RECORDING AND FILING IN THE OFFICE OF THE REGISTER OF DEEDS IN WASHBURN COUNTY, WISCONSIN AT 8:00 AM ON JUNE 16, 2014 AS DOCUMENT #363280 AND FILED IN ENV # 221
RENEE M BELL - Deputy
SIGNATURE OF REGISTER OF DEEDS

RESERVED FOR REGISTER OF DEEDS
PROJECT NUMBER 1560-31-21-4.05
AMENDMENT NO:

SHEET LOCATION



POINT TABLE - STA. OFFSET & COORDS.				
POINT #	STATION	DIST.	Y (N)	X (E)
USH 63				
943	845+32.51	-100.00'	537006.13	731494.47
944	845+76.88	0.00'	537005.88	731603.78
951	845+99.23	-49.02'	537045.92	731567.79
945	846+02.82	60.00'	537005.73	731669.20
414	846+35.70	138.06'	537005.54	731754.12
952	847+39.92	-58.71'	537178.13	731612.91
506	847+68.33	-31.98'	537194.27	731648.24
953	847+70.16	-27.33'	537194.23	731653.24
954	848+56.06	-33.17'	537275.92	731678.95
955	849+03.15	-51.10'	537325.99	731678.72
959	849+18.14	60.00'	537301.30	731788.08
508	849+15.00	-55.53'	537338.53	731678.67
509	850+44.00	-33.61'	537451.85	731744.04
511	850+50.00	135.00'	537398.88	731904.23
512	851+00.00	90.00'	537461.40	731879.41
956	851+40.63	-70.84'	537555.39	731742.70
957	851+54.52	-32.30'	537555.02	731783.67
958	852+93.00	-37.77'	537686.78	731826.66
968	853+35.00	-34.23'	537724.93	731844.58
967	853+35.00	60.00'	537692.18	731932.94
513	853+35.00	90.00'	537681.76	731961.07
1ST AVENUE				
502	9+42.98	-37.42'	537045.97	731547.79
503	9+43.13	-69.30'	537077.85	731547.59
504	9+71.00	-59.82'	537068.69	731575.56

PLSS TIE TABLE			
FROM	TO	BEARING	DIST.
OTR2511	SEC2521	S 00°04'16" W	2650.75'
SEC2521	943	S 89°52'04" E	709.08'

CONVENTIONAL SYMBOLS

FOUND IRON PIPE/PIN	● (1" UNLESS NOTED)	PROPOSED R/W LINE	
		EXISTING H.E. LINE	
R/W MONUMENT	○ •(SET)	PROPERTY LINE	
R/W STANDARD	▲ •(SET)	LOT & TIE LINES	
SIGN	ISIGN	SLOPE INTERCEPTS	
SECTION CORNER MONUMENT		CORPORATE LIMITS	
SECTION CORNER SYMBOL		RESTRICTED ACCESS (BY PREVIOUS ACQUISITION/CONTROL)	
FEE (HATCH VARIES)		RESTRICTED ACCESS (BY ACQUISITION)	
TEMPORARY LIMITED EASEMENT		NO ACCESS (BY STATUTORY AUTHORITY)	
PERMANENT LIMITED EASEMENT		SECTION LINE	
R/W BOUNDARY POINT	XXX	QUARTER LINE	
PARCEL NUMBER	102	SIXTEENTH LINE	
UTILITY INTEREST	40	EXISTING CENTERLINE	
SIGN NUMBER (OFF PREMISE)	21-1	PROPOSED REFERENCE LINE	
BUILDING		PARALLEL OFFSET	

CONVENTIONAL ABBREVIATIONS

ACCESS POINT, DRIVEWAY CONNECTION	AP	REFERENCE LINE	R/L
ACCESS RIGHTS	AR	RELEASE OF RIGHTS	RQR
ACRES	AC.	REMAINING	REM.
AND OTHERS	ET.AL.	RIGHT-OF-WAY	R/W
CENTERLINE	C/L	SECTION	SEC.
CERTIFIED SURVEY MAP	CSM	STATION	STA.
CORNER	COR.	TEMPORARY LIMITED EASEMENT	TLE
DOCUMENT	DOC.	VOLUME	V.
EASEMENT	EASE.	**CURVE DATA**	
HIGHWAY EASEMENT	H.E.	LONG CHORD	LC
LAND CONTRACT	LC	LONG CHORD BEARING	LCB
MONUMENT	MON.	RADIUS	R
PAGE	P.	DEGREE OF CURVE	D
PERMANENT LIMITED EASEMENT	PLE	CENTRAL ANGLE OR DELTA	DELTA
PROPERTY LINE	PL	LENGTH OF CURVE	L
RECORDED AS	(100')	TANGENT	TAN

CONVENTIONAL UTILITY SYMBOLS

WATER	W	
GAS	G	
TELEPHONE	T	
OVERHEAD TRANSMISSION LINES	OH	
ELECTRIC	E	
CABLE TELEVISION	TV	
FIBER OPTIC	FO	
SANITARY SEWER	SAN	
STORM SEWER	SS	
	NON COMPENSABLE	COMPENSABLE
POWER POLE		
TELEPHONE POLE		
TELEPHONE PEDESTAL		

UTILITY INTERESTS REQUIRED		
UTILITY NUMBER	OWNERS	INTEREST REQUIRED
20	XCEL ENERGY	RELEASE OF RIGHTS
30	WE ENERGIES	RELEASE OF RIGHTS
40	CENTURYLINK	RELEASE OF RIGHTS
50	CHARTER COMMUNICATIONS	RELEASE OF RIGHTS

OTHER EASEMENT INFORMATION	
PARCEL 7	DOC. 229277 , V.316, P.517-518

UTILITY EASEMENT INFORMATION	
PARCEL 3	NO UTILITY INFORMATION FOUND
PARCEL 5	NO UTILITY INFORMATION FOUND
PARCEL 7	NO UTILITY INFORMATION FOUND

SCALE, FEET
0 50 100

N.W.B.E.
NORTHERN WISCONSIN-BASED ENGINEERS, INC.

I, JOHN D. RIPLEY, REGISTERED LAND SURVEYOR, HEREBY CERTIFY THAT IN FULL COMPLIANCE WITH THE PROVISIONS OF SECTION 84.095 OF THE WISCONSIN STATUTES AND UNDER THE DIRECTION OF WISCONSIN DEPT. OF TRANSPORTATION, I HAVE SURVEYED TRANSPORTATION PROJECT PLAT 1560-31-21-4.05 AND THAT SUCH PLAT CORRECTLY REPRESENTS ALL EXTERIOR BOUNDARIES OF THE SURVEYED LAND.

DATE JUNE 6, 2014
JOHN D. RIPLEY
JOHN D. RIPLEY REGISTRATION NO. S-2384
THIS PLAT AND RELOCATION ORDER ARE APPROVED FOR THE WISCONSIN DEPARTMENT OF TRANSPORTATION.
DATE JUNE 6, 2014
MICHAEL PILLER

PRELIMINARY

TRANSPORTATION PROJECT PLAT NO: 1560-31-21-4.06

PART OF LOTS 2, 3, 4, 5, AND VACATED ALLEY IN BLOCK 14 (INCLUDING PART OF FOURTH AVENUE AND THE NORTH HALF OF VACATED THIRD AVENUE); LOTS 4, 5, 7 & 8, BLOCK 15; ALL IN ORIGINAL PLAT OF THE CITY OF SHELL LAKE; GOV'T LOT 3, GOV'T LOT 4, AND THE NW1/4 - SW1/4, ALL IN SECTION 25, T 38 N, R 13 W, CITY OF SHELL LAKE, WASHBURN COUNTY, WISCONSIN.

RELOCATION ORDER USH 63 CUMBERLAND - SPOONER (WOODYARD RD TO CTH B EAST JUNCTION) WASHBURN COUNTY

TO PROPERLY ESTABLISH, LAY OUT, WIDEN, ENLARGE, EXTEND, CONSTRUCT, RECONSTRUCT, IMPROVE, OR MAINTAIN A PORTION OF THE HIGHWAY DESIGNATED ABOVE, THE STATE OF WISCONSIN DEPARTMENT OF TRANSPORTATION DEEMS IT NECESSARY TO RELOCATE OR CHANGE SAID HIGHWAY AND ACQUIRE CERTAIN LANDS AND INTERESTS OR RIGHTS IN LANDS FOR THE ABOVE PROJECT.

TO EFFECT THIS CHANGE, PURSUANT TO AUTHORITY GRANTED UNDER SECTION 84.02(3), 84.09 AND 84.30, WISCONSIN STATUTES, THE DEPARTMENT OF TRANSPORTATION HEREBY ORDERS THAT:
1. THAT PORTION OF SAID HIGHWAY AS SHOWN ON THIS PLAT IS LAID OUT AND ESTABLISHED TO THE LINES AND WIDTHS AS SO SHOWN FOR THE ABOVE PROJECT.
2. THE LANDS OR INTERESTS OR RIGHTS IN LANDS AS SHOWN ON THIS PLAT ARE REQUIRED BY THE DEPARTMENT FOR THE ABOVE PROJECT AND SHALL BE ACQUIRED IN THE NAME OF THE STATE OF WISCONSIN, PURSUANT TO THE PROVISIONS OF SECTION 84.09 (1) OR (2), WISCONSIN STATUTES.

SCHEDULE OF LANDS & INTERESTS REQUIRED

OWNER'S NAMES ARE SHOWN FOR REFERENCE PURPOSES ONLY AND ARE SUBJECT TO CHANGE PRIOR TO THE TRANSFER OF LAND INTERESTS TO THE DEPARTMENT.

PARCEL NUMBER	OWNER (S)	INTEREST REQUIRED	R/W REQUIRED (S.F.) NEW	EXISTING	TOTAL	PLE, TLE ACRES (S.F.) REQUIRED
3	CITY OF SHELL LAKE	TLE	0.00	0.00	0.00	1.09
8	WASHBURN COUNTY	TLE	0.00	0.00	0.00	(3970)
9	J & S SALES OF CHIPPEWA FALLS	TLE	0.00	0.00	0.00	(2268)
10	UNION PACIFIC RAILROAD	FEE	(6671)	0.00	(6671)	0.00
11	SHELL LAKE STATE BANK	TLE	0.00	0.00	0.00	(1207)

UTILITY INTERESTS REQUIRED		
UTILITY NUMBER	OWNERS	INTEREST REQUIRED
20	XCEL ENERGY	RELEASE OF RIGHTS
30	WE ENERGIES	RELEASE OF RIGHTS
40	CENTURYLINK	RELEASE OF RIGHTS
50	CHARTER	RELEASE OF RIGHTS

UTILITY EASEMENT INFORMATION	
PARCEL 3	NO UTILITY INFORMATION FOUND
PARCEL 8	NO UTILITY INFORMATION FOUND
PARCEL 9	NO UTILITY INFORMATION FOUND
PARCEL 11	NO UTILITY INFORMATION FOUND

PLSS TIE TABLE			
FROM	TO	BEARING	DIST.
SEC2521	QTR2511	N 00°04'16" E	2650.7
QTR2511	SIX2516	S 00°04'16" W	1325.3
SIX2516	960	S 89°34'39" E	1321.09'

SIX2516 IS THE MATHEMATICAL SPLIT BETWEEN THE SOUTHWEST SECTION CORNER AND THE EAST QUARTER CORNER OF SECTION 25, T 38 N, R 13 W.

NOTES:

POSITIONS SHOWN ON THIS PLAT ARE WISCONSIN COUNTY COORDINATES, WASHBURN COUNTY, NAD83 (1991) IN US SURVEY FEET. VALUES SHOWN ARE GRID COORDINATES, GRID BEARINGS, AND GRID DISTANCES. GRID DISTANCES MAY BE USED AS GROUND DISTANCES.

RIGHT-OF-WAY MONUMENTS ARE TYPE 2 (1" O.D. X 24" IRON PIPE WITH CAP) AND WILL BE PLACED PRIOR TO THE COMPLETION OF THE PROJECT.
RIGHT-OF-WAY BOUNDARIES ARE DEFINED WITH COURSES OF THE PERIMETER OF THE HIGHWAY LANDS REFERENCED TO THE U.S. PUBLIC LAND SURVEY SYSTEM OR OTHER "SURVEYS OF PUBLIC RECORD".

PROPERTY LINES SHOWN ON THIS PLAT ARE DRAWN FROM DATA DERIVED FROM MAPS AND DOCUMENTS OF PUBLIC RECORD AND/OR EXISTING OCCUPATIONAL LINES. THIS PLAT MAY NOT BE A TRUE REPRESENTATION OF EXISTING PROPERTY LINES, EXCLUDING RIGHT-OF-WAY LINES, AND SHOULD NOT BE USED AS A SUBSTITUTE FOR AN ACCURATE FIELD SURVEY.

EXISTING HIGHWAY RIGHT-OF-WAY SHOWN HEREIN IS BASED ON THE FOLLOWING POINTS OF REFERENCE: RIGHT-OF-WAY FOR USH 63 ESTABLISHED FROM PREVIOUS DIVISION JOB NO. 8613, PROJECT 7011-1(23), AND PLAT 1000-58-21. RIGHT-OF-WAY FOR SIDE ROADS ESTABLISHED FROM FOUND PROPERTY PINS AND DOCUMENTED EVIDENCE.

A TEMPORARY LIMITED EASEMENT (TLE) IS A RIGHT FOR CONSTRUCTION PURPOSES, AS DEFINED HEREIN, INCLUDING THE RIGHT TO OPERATE NECESSARY EQUIPMENT THEREON AND THE RIGHT OF INGRESS AND EGRESS, AS LONG AS REQUIRED FOR SUCH PUBLIC PURPOSE, INCLUDING THE RIGHT TO PRESERVE, PROTECT, REMOVE, OR PLANT THEREON ANY VEGETATION THAT THE HIGHWAY AUTHORITIES MAY DEEM NECESSARY OR DESIRABLE. ALL TLES EXPIRE AT THE COMPLETION OF THE CONSTRUCTION PROJECT FOR WHICH THIS INSTRUMENT IS GIVEN.

DIMENSIONING FOR THE NEW RIGHT-OF-WAY IS MEASURED ALONG AND PERPENDICULAR TO NEW REFERENCE LINES.

FOR CURRENT ACCESS/DRIVEWAY INFORMATION, CONTACT THE WISCONSIN DEPARTMENT OF TRANSPORTATION NORTHWEST REGIONAL OFFICE.

CONVENTIONAL SYMBOLS

FOUND IRON PIPE/PIN (1" UNLESS NOTED)
R/W MONUMENT ○ =(SET)
R/W STANDARD △ =(SET)
SIGN ISIGN
SECTION CORNER MONUMENT
SECTION CORNER SYMBOL
FEE (HATCH VARIES)
TEMPORARY LIMITED EASEMENT
PERMANENT LIMITED EASEMENT
R/W BOUNDARY POINT xxx
PARCEL NUMBER 102
UTILITY INTEREST 40
SIGN NUMBER (OFF PREMISE) 21-1
BUILDING

PROPOSED R/W LINE
EXISTING H.E. LINE
PROPERTY LINE
LOT & TIE LINES
SLOPE INTERCEPTS
CORPORATE LIMITS
RESTRICTED ACCESS (BY PREVIOUS ACQUISITION/CONTROL)
RESTRICTED ACCESS (BY ACQUISITION)
NO ACCESS (BY STATUTORY AUTHORITY)
SECTION LINE
QUARTER LINE
SIXTEENTH LINE
EXISTING CENTERLINE
PROPOSED REFERENCE LINE
PARALLEL OFFSET

CONVENTIONAL ABBREVIATIONS

ACCESS POINT, DRIVEWAY CONNECTION	AP	REFERENCE LINE	R/L
ACCESS RIGHTS	AR	RELEASE OF RIGHTS	ROR
ACRES	AC.	REMAINING	REM.
AND OTHERS	ET.AL.	RIGHT-OF-WAY	R/W
CENTERLINE	C/L	SECTION	SEC.
CERTIFIED SURVEY MAP	CSM	STATION	STA.
CORNER	COR.	TEMPORARY LIMITED EASEMENT	TLE
DOCUMENT	DOC.	VOLUME	V.
EASEMENT	EASE.	**CURVE DATA**	
HIGHWAY EASEMENT	H.E.	LONG CHORD	LC
LAND CONTRACT	LC	LONG CHORD BEARING	LCB
MONUMENT	MON.	RADIUS	R
PAGE	P.	DEGREE OF CURVE	D
PERMANENT LIMITED EASEMENT	PLE	CENTRAL ANGLE OR DELTA	DELTA
PROPERTY LINE	PL	LENGTH OF CURVE	L
RECORDED AS	(100')	TANGENT	TAN

CONVENTIONAL UTILITY SYMBOLS

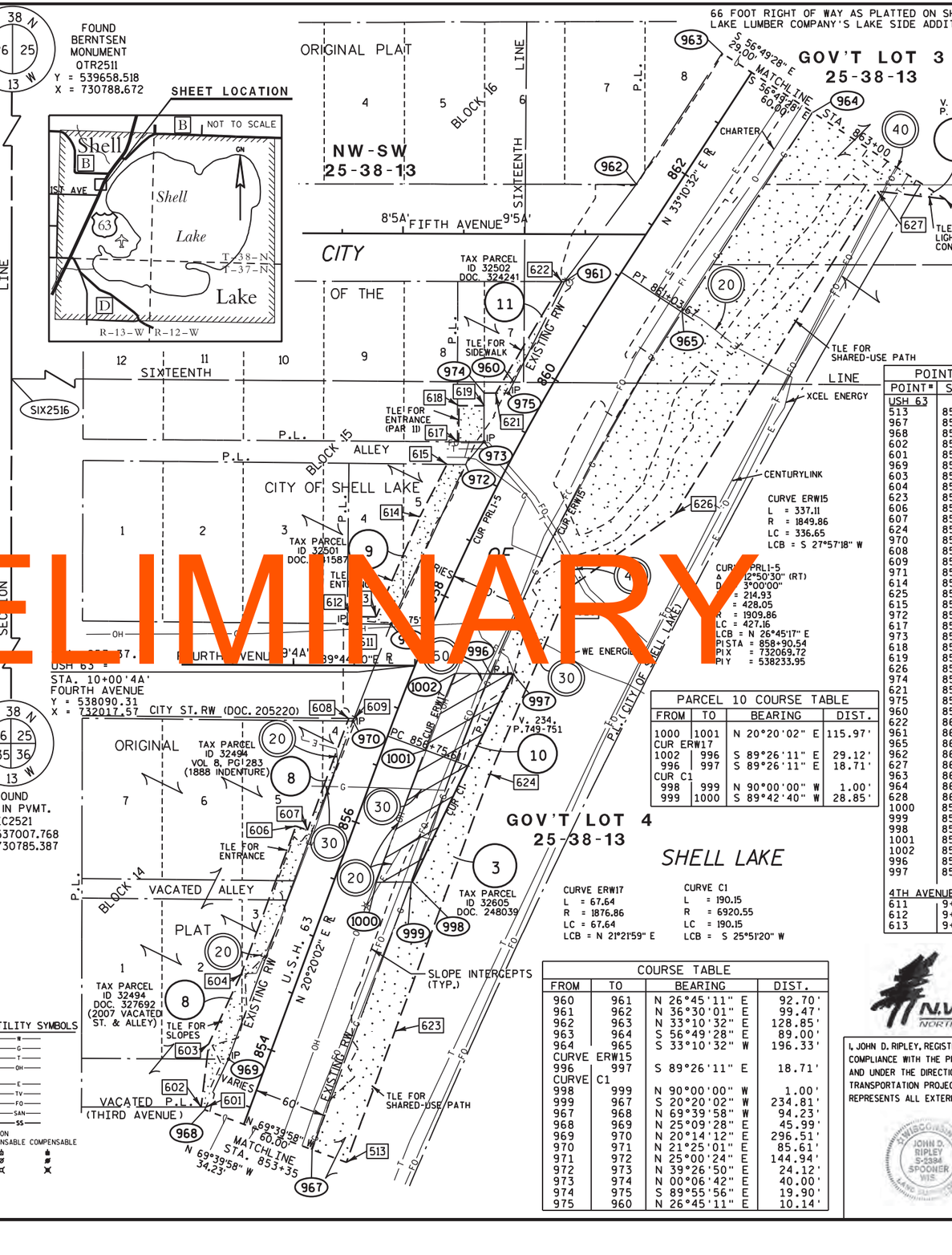
	NON COMPENSABLE	COMPENSABLE
WATER	W	
GAS	G	
TELEPHONE	T	
OVERHEAD TRANSMISSION LINES	OH	
ELECTRIC	E	
CABLE TELEVISION	TV	
FIBER OPTIC	FO	
SANITARY SEWER	SAN	
STORM SEWER	SS	
POWER POLE		
TELEPHONE POLE		
TELEPHONE PEDESTAL		

SCALE, FEET
0 50 100

FOUND BERNTSEN MONUMENT OTR2511
Y = 539658.518
X = 730788.672

FOUND NAIL IN PVMT. SEC2521
Y = 537007.768
X = 730785.387

SHEET LOCATION



POINT TABLE - STA. OFFSET & COORDS				
POINT #	STATION	DIST.	Y (N)	X (E)
USH 63				
513	853+35.00	90.00'	537681.76	731961.07
967	853+35.00	60.00'	537692.18	731932.94
968	853+35.00	-34.23'	537724.93	731844.58
602	853+36.15	-37.89'	537727.28	731841.54
601	853+37.60	-34.01'	537727.29	731845.69
969	853+80.83	-30.36'	537766.55	731864.13
603	853+87.00	-50.00'	537779.17	731847.86
604	854+50.00	-45.00'	537836.51	731874.44
623	854+50.00	90.00'	537789.59	732001.03
606	855+80.00	-45.00'	537958.40	731919.61
607	855+80.00	-35.00'	537954.93	731928.99
624	856+75.61	90.00'	538001.14	732079.43
970	856+77.31	-30.86'	538044.76	731966.69
608	856+77.98	-35.00'	538046.84	731963.05
609	856+79.47	-30.83'	538046.81	731967.50
971	857+61.56	-31.21'	538124.46	731997.95
614	858+50.00	-46.00'	538212.80	732021.51
625	858+50.00	90.00'	538154.11	732144.20
615	858+97.51	-45.00'	538255.97	732043.94
972	859+04.19	-31.32'	538255.81	732059.22
617	859+17.80	-45.00'	538274.43	732053.47
973	859+27.44	-26.35'	538274.44	732074.55
618	859+43.46	-58.72'	538304.14	732053.72
619	859+53.14	-40.35'	538304.10	732074.60
626	859+50.00	140.00'	538215.04	732231.46
974	859+62.01	-45.31'	538314.44	732074.63
621	859+66.51	-37.00'	538314.43	732084.12
975	859+71.48	-27.90'	538314.41	732094.53
960	859+81.47	-28.37'	538323.47	732099.09
622	860+71.21	-37.00'	538406.25	732138.49
961	860+72.42	-35.03'	538406.24	732140.82
965	861+03.67	60.00'	538381.02	732237.55
962	861+71.15	-29.00'	538486.21	732199.99
627	862+75.00	140.00'	538480.64	732398.27
963	863+00.00	-29.00'	538594.05	732270.49
964	863+00.00	60.00'	538545.35	732344.99
628	863+00.00	190.00'	538474.21	732453.80
1000	855+59.65	33.00'	537912.21	731985.68
999	855+69.81	60.00'	537912.36	732014.53
998	855+70.15	60.94'	537912.36	732015.53
1001	856+75.61	33.00'	538020.95	732025.98
1002	857+44.44	33.00'	538083.94	732050.62
996	857+55.62	60.00'	538083.65	732079.74
997	857+62.98	77.32'	538083.47	732098.45
4TH AVENUE				
611	9+47.00	-34.23'	538124.79	731964.72
612	9+47.00	-40.00'	538130.55	731964.75
613	9+67.77	-40.00'	538130.46	731985.52

PARCEL 10 COURSE TABLE			
FROM	TO	BEARING	DIST.
1000	1001	N 20°20'02" E	115.97'
CUR ERW17			
1002	996	S 89°26'11" E	29.12'
996	997	S 89°26'11" E	18.71'
CUR C1			
998	999	N 90°00'00" W	1.00'
999	1000	S 89°42'40" W	28.85'

COURSE TABLE			
FROM	TO	BEARING	DIST.
960	961	N 26°45'11" E	92.70'
961	962	N 36°30'01" E	99.47'
962	963	N 33°10'32" E	128.85'
963	964	S 56°49'28" E	89.00'
964	965	S 33°10'32" W	196.33'
CURVE ERW15			
996	997	S 89°26'11" E	18.71'
CURVE C1			
998	999	N 90°00'00" W	1.00'
999	967	S 20°20'02" W	234.81'
967	968	N 69°39'58" W	94.23'
968	969	N 25°09'28" E	45.99'
969	970	N 20°14'12" E	296.51'
970	971	N 21°25'01" E	85.61'
971	972	N 25°00'24" E	144.94'
972	973	N 39°26'50" E	24.12'
973	974	N 00°06'42" E	40.00'
974	975	S 89°55'56" E	19.90'
975	960	N 26°45'11" E	10.14'

PRELIMINARY

N.W.B.E.
NORTHERN WISCONSIN-BASED ENGINEERS, INC.

I, JOHN D. RIPLEY, REGISTERED LAND SURVEYOR, HEREBY CERTIFY THAT IN FULL COMPLIANCE WITH THE PROVISIONS OF SECTION 84.095 OF THE WISCONSIN STATUTES AND UNDER THE DIRECTION OF WISCONSIN DEPT. OF TRANSPORTATION, I HAVE SURVEYED TRANSPORTATION PROJECT PLAT 1560-31-21-4.06 AND THAT SUCH PLAT CORRECTLY REPRESENTS ALL EXTERIOR BOUNDARIES OF THE SURVEYED LAND.

DATE JUNE 12, 2014

JOHN D. RIPLEY REGISTRATION NO. S-2384

THIS PLAT AND RELOCATION ORDER ARE APPROVED FOR THE WISCONSIN DEPARTMENT OF TRANSPORTATION.

DATE JUNE 12, 2014

MICHAEL PILLER

TRANSPORTATION PROJECT PLAT NO: 1560-31-21-4.07

PART OF LOTS 10 & 11, BLOCK 16, ORIGINAL PLAT OF THE CITY OF SHELL LAKE; LOTS 6, 7, 9, AND 10, BLOCK 5, FIRST ADDITION TO THE CITY OF SHELL LAKE; LOT 6, BLOCK 1, SHELL LAKE LUMBER COMPANY'S LAKE SIDE ADDITION; LOT 1, C.S.M. 16-9, AND GOV'T LOT 3, ALL IN SECTION 25, T 38 N, R 13 W, CITY OF SHELL LAKE, WASHBURN COUNTY, WISCONSIN.

RELOCATION ORDER USH 63 CUMBERLAND - SPOONER (WOODYARD RD TO CTH B EAST JUNCTION) WASHBURN COUNTY

TO PROPERLY ESTABLISH, LAY OUT, WIDEN, ENLARGE, EXTEND, CONSTRUCT, RECONSTRUCT, IMPROVE, OR MAINTAIN A PORTION OF THE HIGHWAY DESIGNATED ABOVE, THE STATE OF WISCONSIN DEPARTMENT OF TRANSPORTATION DEEMS IT NECESSARY TO RELOCATE OR CHANGE SAID HIGHWAY AND ACQUIRE CERTAIN LANDS AND INTERESTS OR RIGHTS IN LANDS FOR THE ABOVE PROJECT.

TO EFFECT THIS CHANGE, PURSUANT TO AUTHORITY GRANTED UNDER SECTION 84.02(3), 84.09 AND 84.30, WISCONSIN STATUTES, THE DEPARTMENT OF TRANSPORTATION HEREBY ORDERS THAT:
1. THAT PORTION OF SAID HIGHWAY AS SHOWN ON THIS PLAT IS LAID OUT AND ESTABLISHED TO THE LINES AND WIDTHS AS SO SHOWN FOR THE ABOVE PROJECT.
2. THE LANDS OR INTERESTS OR RIGHTS IN LANDS AS SHOWN ON THIS PLAT ARE REQUIRED BY THE DEPARTMENT FOR THE ABOVE PROJECT AND SHALL BE ACQUIRED IN THE NAME OF THE STATE OF WISCONSIN, PURSUANT TO THE PROVISIONS OF SECTION 84.09 (1) OR (2), WISCONSIN STATUTES.

ACCEPTED FOR RECORDING AND FILING IN THE OFFICE OF THE REGISTER OF DEEDS IN WASHBURN COUNTY, WISCONSIN AT 8:00 AM ON JUNE 16, 2014 AS DOCUMENT # 363281 AND FILED IN ENV # 222

RENEE M BELL - Deputy
SIGNATURE OF REGISTER OF DEEDS

RESERVED FOR REGISTER OF DEEDS
PROJECT NUMBER 1560-31-21-4.07
AMENDMENT NO:

GN

FOUND BERNTSEN MONUMENT OTR2511

T 38 N, 26, 25, R 13 W

Y = 539658.518
X = 730788.672

SIX2512

QUARTER LINE

UTILITY INTERESTS REQUIRED		
UTILITY NUMBER	OWNERS	INTEREST REQUIRED
20	XCEL ENERGY	RELEASE OF RIGHTS
30	WE ENERGIES	RELEASE OF RIGHTS
40	CENTURYLINK	RELEASE OF RIGHTS

SCHEDULE OF LANDS & INTERESTS REQUIRED

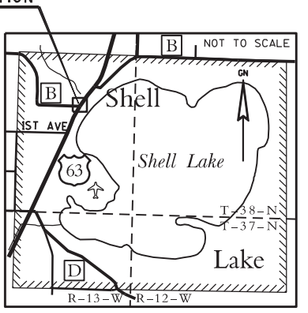
OWNER'S NAMES ARE SHOWN FOR REFERENCE PURPOSES ONLY AND ARE SUBJECT TO CHANGE PRIOR TO THE TRANSFER OF LAND INTERESTS TO THE DEPARTMENT.

PARCEL NUMBER	OWNER (S)	INTEREST REQUIRED	R/W (S.F.) REQUIRED			TLE ACRES (S.F.) REQUIRED
			NEW	EXISTING	TOTAL	
3	CITY OF SHELL LAKE	TLE	0.00	0.00	0.00	2.16
13	MATTHEW C. DRYDEN	FEE,TLE	(790)	0.00	(790)	(1852)
14	LEE R. GRAMBERG	TLE	0.00	0.00	0.00	(1450)
16	KYLE JOHN & AMY MARIE SCHAFFER	FEE	(4282)	0.00	(4282)	---

T 38 N, 25, R 13 W

CALCULATED CENTER SECTION CEN2513
Y = 539625.760
X = 733447.831

SHEET LOCATION



SCALE, FEET
0 50 100

COURSE TABLE			
FROM	TO	BEARING	DIST.
963	995	N 33°10'32" E	31.50'
995	704	N 32°53'21" E	123.50'
704	705	N 06°45'58" W	45.76'
705	706	N 89°55'33" E	34.75'
706	976	N 33°34'07" E	96.09'
CURVE ERW19			
977	978	N 34°30'53" E	14.00'
978	979	N 27°41'20" E	89.46'
979	980	N 37°00'55" E	130.65'
980	981	N 36°08'49" E	361.71'
981	982	S 53°51'11" E	99.58'
982	983	S 36°05'26" W	425.13'
CURVE ERW20			
984	964	S 33°10'32" W	178.71'
964	963	N 56°49'28" W	89.00'

CURVE TABLE				
CURVE	RADIUS	LENGTH	LC	LCB
ERW1	7669.74	101.50	101.50	N 34°30'48" E
ERW2	7579.44	393.05	393.00	S 34°39'41" W

OTHER EASEMENT INFORMATION	
PARCEL 14	DOC. 174351 / V.206, P.364-365
PARCEL 14	DOC. 174352 / V.206, P.366-367
PARCEL 14	DOC. 177070 / V.211, P.629-630

NOTES:

POSITIONS SHOWN ON THIS PLAT ARE WISCONSIN COUNTY COORDINATES, WASHBURN COUNTY, NAD83 (1991) IN US SURVEY FEET. VALUES SHOWN ARE GRID COORDINATES, GRID BEARINGS, AND GRID DISTANCES. GRID DISTANCES MAY BE USED AS GROUND DISTANCES.

RIGHT-OF-WAY MONUMENTS ARE TYPE 2 (1" O.D. X 24" IRON PIPE WITH CAP) AND WILL BE PLACED PRIOR TO THE COMPLETION OF THE PROJECT.
RIGHT-OF-WAY BOUNDARIES ARE DEFINED WITH COURSES OF THE PERIMETER OF THE HIGHWAY AND REFERENCED TO THE U.S. PUBLIC LAND SURVEY SYSTEM OR OTHER "SURVEYS OF PUBLIC RECORD".

PROPERTY LINES SHOWN ON THIS PLAT ARE DRAWN FROM DATA DERIVED FROM MAPS AND DOCUMENTS OF PUBLIC RECORD AND/OR EXISTING OCCUPATIONAL LINES. THIS PLAT MAY NOT BE A TRUE REPRESENTATION OF EXISTING PROPERTY LINES, EXCLUDING RIGHT-OF-WAY LINES, AND SHOULD NOT BE USED AS A SUBSTITUTE FOR AN ACCURATE FIELD SURVEY.

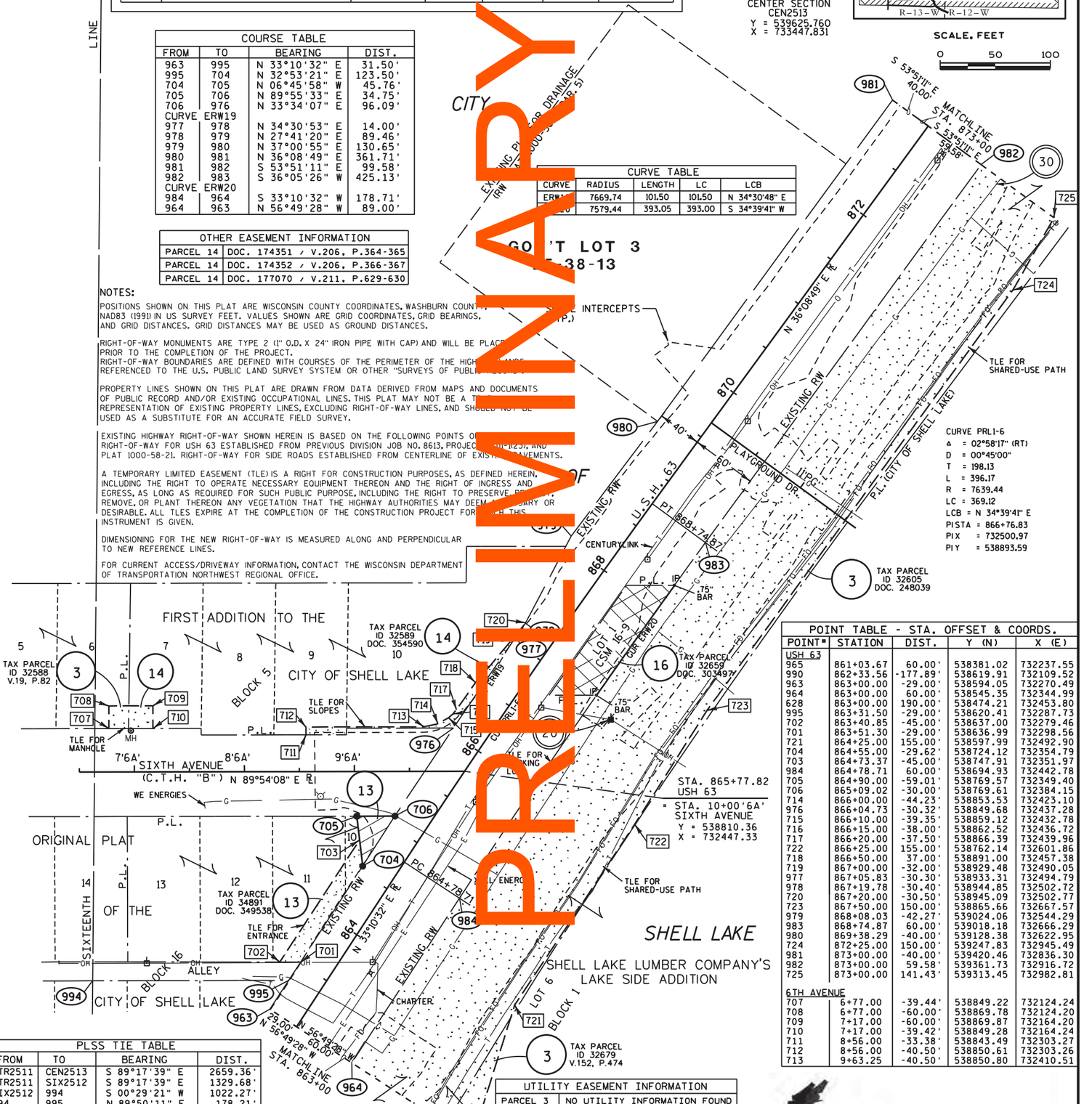
EXISTING HIGHWAY RIGHT-OF-WAY SHOWN HEREIN IS BASED ON THE FOLLOWING POINTS OF RIGHT-OF-WAY FOR USH 63 ESTABLISHED FROM PREVIOUS DIVISION JOB NO. 8613, PROJECT NO. 8235, AND PLAT 1000-58-21. RIGHT-OF-WAY FOR SIDE ROADS ESTABLISHED FROM CENTERLINE OF EXISTING PAVEMENTS.

A TEMPORARY LIMITED EASEMENT (TLE) IS A RIGHT FOR CONSTRUCTION PURPOSES, AS DEFINED HEREIN, INCLUDING THE RIGHT TO OPERATE NECESSARY EQUIPMENT THEREON AND THE RIGHT OF INGRESS AND EGRESS, AS LONG AS REQUIRED FOR SUCH PUBLIC PURPOSE, INCLUDING THE RIGHT TO PRESERVE, PROTECT, REMOVE, OR PLANT THEREON ANY VEGETATION THAT THE HIGHWAY AUTHORITIES MAY DEEM NECESSARY OR DESIRABLE. ALL TLES EXPIRE AT THE COMPLETION OF THE CONSTRUCTION PROJECT FOR WHICH THIS INSTRUMENT IS GIVEN.

DIMENSIONING FOR THE NEW RIGHT-OF-WAY IS MEASURED ALONG AND PERPENDICULAR TO NEW REFERENCE LINES.

FOR CURRENT ACCESS/DRIVEWAY INFORMATION, CONTACT THE WISCONSIN DEPARTMENT OF TRANSPORTATION NORTHWEST REGIONAL OFFICE.

PRELIMINARY



CURVE PRL1-6
Δ = 02°58'17" (RT)
D = 00°45'00"
T = 198.13
L = 396.17
R = 7639.44
LC = 369.12
LCB = N 34°39'41" E
PI STA = 866+76.83
PI X = 732500.97
PI Y = 538893.59

POINT TABLE - STA. OFFSET & COORDS.				
POINT #	STATION	DIST.	Y (N)	X (E)
USH 63				
965	861+03.67	60.00'	538381.02	732237.55
990	862+33.56	-177.89'	538619.91	732109.52
963	863+00.00	-29.00'	538594.05	732270.49
964	863+00.00	60.00'	538545.35	732344.99
628	863+00.00	190.00'	538474.21	732453.80
995	863+31.50	-29.00'	538629.41	732287.73
702	863+40.85	-45.00'	538637.00	732279.46
701	863+51.30	-29.00'	538636.99	732298.56
721	864+25.00	155.00'	538597.99	732492.90
704	864+55.00	-29.62'	538724.12	732354.79
703	864+73.37	-45.00'	538747.91	732351.97
984	864+78.71	60.00'	538694.93	732442.78
705	864+90.00	-59.01'	538769.57	732349.40
706	865+09.02	-30.00'	538769.61	732384.15
714	866+00.00	-44.23'	538853.53	732423.10
976	866+04.73	-30.32'	538849.68	732437.28
715	866+10.00	-39.35'	538859.12	732432.78
716	866+15.00	-38.00'	538862.52	732436.72
717	866+20.00	-37.50'	538866.39	732439.96
722	866+25.00	155.00'	538762.14	732601.86
718	866+50.00	-37.00'	538891.00	732457.38
719	867+00.00	-32.00'	538929.48	732430.05
977	867+05.83	-30.30'	538933.31	732494.79
978	867+19.78	-30.40'	538944.85	732502.72
720	867+20.00	-30.50'	538945.09	732502.77
723	867+50.00	150.00'	538865.66	732667.57
979	868+08.03	-42.27'	539024.06	732544.29
983	868+74.87	60.00'	539018.18	732666.29
980	869+38.29	-40.00'	539128.38	732622.95
724	872+25.00	150.00'	539247.83	732945.49
981	873+00.00	-40.00'	539420.46	732836.30
982	873+00.00	59.58'	539361.73	732916.72
725	873+00.00	141.43'	539313.45	732982.81
6TH AVENUE				
707	6+77.00	-39.44'	538849.22	732124.24
708	6+77.00	-60.00'	538869.78	732124.20
709	7+17.00	-60.00'	538869.87	732164.20
710	7+17.00	-39.42'	538849.28	732164.24
711	8+56.00	-33.38'	538843.49	732303.27
712	8+56.00	-40.50'	538850.61	732303.26
713	9+63.25	-40.50'	538850.80	732410.51

PLSS TIE TABLE			
FROM	TO	BEARING	DIST.
OTR2511	CEN2513	S 89°17'39" E	2659.36'
OTR2511	SIX2512	S 89°17'39" E	1329.68'
SIX2512	994	S 00°29'21" W	1022.27'
994	995	N 89°50'11" E	178.21'

SIX2512 IS THE MATHEMATICAL SPLIT BETWEEN THE W. QUARTER COR. AND THE CALCULATED CENTER OF SEC. 25, T 38 N, R 13 W

UTILITY EASEMENT INFORMATION	
PARCEL 3	NO UTILITY INFORMATION FOUND
PARCEL 13	NO UTILITY INFORMATION FOUND
PARCEL 14	NO UTILITY INFORMATION FOUND
PARCEL 16	NO UTILITY INFORMATION FOUND

CONVENTIONAL SYMBOLS

FOUND IRON PIPE/PIN (1" UNLESS NOTED)
R/W MONUMENT
R/W STANDARD
SIGN
SECTION CORNER MONUMENT
SECTION CORNER SYMBOL
FEE (HATCH VARIES)
TEMPORARY LIMITED EASEMENT
PERMANENT LIMITED EASEMENT
R/W BOUNDARY POINT
PARCEL NUMBER
UTILITY INTEREST
SIGN NUMBER (OFF PREMISE)
BUILDING
PROPOSED R/W LINE
EXISTING H.E. LINE
PROPERTY LINE
LOT & TIE LINES
SLOPE INTERCEPTS
CORPORATE LIMITS
RESTRICTED ACCESS (BY PREVIOUS ACQUISITION/CONTROL)
RESTRICTED ACCESS (BY ACQUISITION)
NO ACCESS (BY STATUTORY AUTHORITY)
SECTION LINE
QUARTER LINE
SIXTEENTH LINE
EXISTING CENTERLINE
PROPOSED REFERENCE LINE
PARALLEL OFFSET

CONVENTIONAL ABBREVIATIONS

ACCESS POINT/ DRIVEWAY CONNECTION	AP	REFERENCE LINE	R/L
ACCESS RIGHTS	AR	RELEASE OF RIGHTS	ROR
ACRES	AC.	REMAINING	REM.
AND OTHERS	ET.AL.	RIGHT-OF-WAY	R/W
CENTERLINE	C/L	SECTION	SEC.
CERTIFIED SURVEY MAP	CSM	STATION	STA.
CORNER	COR.	TEMPORARY LIMITED EASEMENT	TLE
DOCUMENT	DOC.	VOLUME	V.
EASEMENT	EASE.	CURVE DATA	
HIGHWAY EASEMENT	H.E.	LONG CHORD	LC
LAND CONTRACT	LC	LONG CHORD BEARING	LCB
MONUMENT	MON.	RADIUS	R
PAGE	P.	DEGREE OF CURVE	D
PERMANENT LIMITED EASEMENT	PLE	CENTRAL ANGLE OR DELTA	DELTA
PROPERTY LINE	PL	LENGTH OF CURVE	L
RECORDED AS	(100')	TANGENT	TAN

CONVENTIONAL UTILITY SYMBOLS

	NON-COMPENSABLE	COMPENSABLE
WATER	W	
GAS	G	
TELEPHONE	T	
OVERHEAD TRANSMISSION LINES	OH	
ELECTRIC	E	
CABLE TELEVISION	TV	
FIBER OPTIC	FO	
SANITARY SEWER	SAN	
STORM SEWER	SS	
POWER POLE		
TELEPHONE POLE		
TELEPHONE PEDESTAL		

N.W.B.E.
NORTHERN WISCONSIN-BASED ENGINEERS, INC.

I, JOHN D. RIPLEY, REGISTERED LAND SURVEYOR, HEREBY CERTIFY THAT IN FULL COMPLIANCE WITH THE PROVISIONS OF SECTION 84.095 OF THE WISCONSIN STATUTES AND UNDER THE DIRECTION OF WISCONSIN DEPT. OF TRANSPORTATION, I HAVE SURVEYED TRANSPORTATION PROJECT PLAT 1560-31-21-4.07 AND THAT SUCH PLAT CORRECTLY REPRESENTS ALL EXTERIOR BOUNDARIES OF THE SURVEYED LAND.

DATE JUNE 6, 2014

John D. Ripley

JOHN D. RIPLEY REGISTRATION NO. S-2384

THIS PLAT AND RELOCATION ORDER ARE APPROVED FOR THE WISCONSIN DEPARTMENT OF TRANSPORTATION.

DATE JUNE 6, 2014

Michael Piller
MICHAEL PILLER

TRANSPORTATION PROJECT PLAT NO: 1560-31-21-4.08

PART OF LOT 1, C.S.M. 5-146, THE SE 1/4 - NW 1/4, THE SW 1/4 - NE 1/4, AND GOV'T LOT 3, ALL IN SECTION 25, T 38 N, R 13 W, CITY OF SHELL LAKE, WASHBURN COUNTY, WISCONSIN.

RELOCATION ORDER USH 63 CUMBERLAND - SPOONER (WOODYARD RD TO CTH B EAST JUNCTION) WASHBURN COUNTY

TO PROPERLY ESTABLISH, LAY OUT, WIDEN, ENLARGE, EXTEND, CONSTRUCT, RECONSTRUCT, IMPROVE, OR MAINTAIN A PORTION OF THE HIGHWAY DESIGNATED ABOVE, THE STATE OF WISCONSIN DEPARTMENT OF TRANSPORTATION DEEMS IT NECESSARY TO RELOCATE OR CHANGE SAID HIGHWAY AND ACQUIRE CERTAIN LANDS AND INTERESTS OR RIGHTS IN LANDS FOR THE ABOVE PROJECT.

TO EFFECT THIS CHANGE, PURSUANT TO AUTHORITY GRANTED UNDER SECTION 84.02(3), 84.09 AND 84.30, WISCONSIN STATUTES, THE DEPARTMENT OF TRANSPORTATION HEREBY ORDERS THAT:
1. THAT PORTION OF SAID HIGHWAY AS SHOWN ON THIS PLAT IS LAID OUT AND ESTABLISHED TO THE LINES AND WIDTHS AS SO SHOWN FOR THE ABOVE PROJECT.
2. THE LANDS OR INTERESTS OR RIGHTS IN LANDS AS SHOWN ON THIS PLAT ARE REQUIRED BY THE DEPARTMENT FOR THE ABOVE PROJECT AND SHALL BE ACQUIRED IN THE NAME OF THE STATE OF WISCONSIN, PURSUANT TO THE PROVISIONS OF SECTION 84.09 (1) OR (2), WISCONSIN STATUTES.

ACCEPTED FOR RECORDING AND FILING IN THE OFFICE OF THE REGISTER OF DEEDS IN WASHBURN COUNTY, WISCONSIN AT 8:00 AM ON JUNE 16, 2014 AS DOCUMENT #363282 AND FILED IN ENV.#223

RENEE M BELL - Deputy
SIGNATURE OF REGISTER OF DEEDS

RESERVED FOR REGISTER OF DEEDS
PROJECT NUMBER 1560-31-21-4.08
AMENDMENT NO:

GN

SCALE, FEET
0 50 100

SHEET LOCATION

NOTES:

POSITIONS SHOWN ON THIS PLAT ARE WISCONSIN COUNTY COORDINATES, WASHBURN COUNTY, NAD83 (1991) IN US SURVEY FEET. VALUES SHOWN ARE GRID COORDINATES, GRID BEARINGS, AND GRID DISTANCES. GRID DISTANCES MAY BE USED AS GROUND DISTANCES.

RIGHT-OF-WAY MONUMENTS ARE TYPE 2 (1" O.D. X 24" IRON PIPE WITH CAP) AND WILL BE PLACED PRIOR TO THE COMPLETION OF THE PROJECT.
RIGHT-OF-WAY BOUNDARIES ARE DEFINED WITH COURSES OF THE PERIMETER OF THE HIGHWAY LANDS REFERENCED TO THE U.S. PUBLIC LAND SURVEY SYSTEM OR OTHER "SURVEYS OF PUBLIC RECORD".

PROPERTY LINES SHOWN ON THIS PLAT ARE DRAWN FROM DATA DERIVED FROM MAPS AND DOCUMENTS OF PUBLIC RECORD AND/OR EXISTING OCCUPATIONAL LINES. THIS PLAT MAY NOT BE A TRUE REPRESENTATION OF EXISTING PROPERTY LINES, EXCLUDING RIGHT-OF-WAY LINES, AND SHOULD NOT BE USED AS A SUBSTITUTE FOR AN ACCURATE FIELD SURVEY.

EXISTING HIGHWAY RIGHT-OF-WAY SHOWN HEREIN IS BASED ON THE FOLLOWING POINTS OF REFERENCE: RIGHT-OF-WAY FOR USH 63 ESTABLISHED FROM PREVIOUS DIVISION JOB NO. 8613, PROJECT 7011-1(23), AND PLAT 1000-58-21. RIGHT-OF-WAY FOR SIDE ROADS ESTABLISHED FROM CENTERLINE OF EXISTING PAVEMENTS.

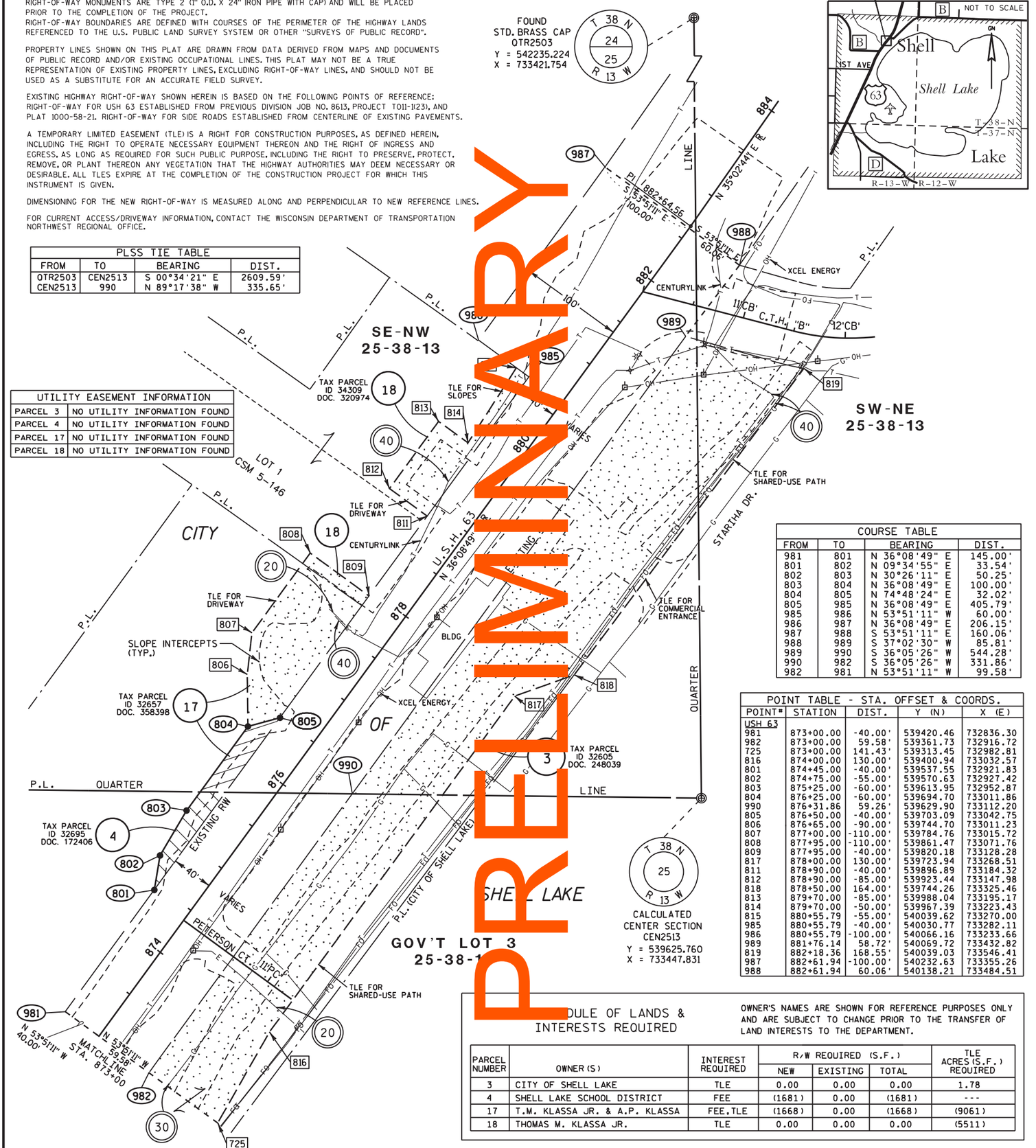
A TEMPORARY LIMITED EASEMENT (TLE) IS A RIGHT FOR CONSTRUCTION PURPOSES, AS DEFINED HEREIN, INCLUDING THE RIGHT TO OPERATE NECESSARY EQUIPMENT THEREON AND THE RIGHT OF INGRESS AND EGRESS, AS LONG AS REQUIRED FOR SUCH PUBLIC PURPOSE, INCLUDING THE RIGHT TO PRESERVE, PROTECT, REMOVE, OR PLANT THEREON ANY VEGETATION THAT THE HIGHWAY AUTHORITIES MAY DEEM NECESSARY OR DESIRABLE. ALL TLES EXPIRE AT THE COMPLETION OF THE CONSTRUCTION PROJECT FOR WHICH THIS INSTRUMENT IS GIVEN.

DIMENSIONING FOR THE NEW RIGHT-OF-WAY IS MEASURED ALONG AND PERPENDICULAR TO NEW REFERENCE LINES.

FOR CURRENT ACCESS/DRIVEWAY INFORMATION, CONTACT THE WISCONSIN DEPARTMENT OF TRANSPORTATION NORTHWEST REGIONAL OFFICE.

PLSS TIE TABLE			
FROM	TO	BEARING	DIST.
OTR2503	CEN2513	S 00°34'21" E	2609.59'
CEN2513	990	N 89°17'38" W	335.65'

UTILITY EASEMENT INFORMATION	
PARCEL 3	NO UTILITY INFORMATION FOUND
PARCEL 4	NO UTILITY INFORMATION FOUND
PARCEL 17	NO UTILITY INFORMATION FOUND
PARCEL 18	NO UTILITY INFORMATION FOUND



COURSE TABLE			
FROM	TO	BEARING	DIST.
981	801	N 36°08'49" E	145.00'
801	802	N 09°34'55" E	33.54'
802	803	N 30°26'11" E	50.25'
803	804	N 36°08'49" E	100.00'
804	805	N 74°48'24" E	32.02'
805	985	N 36°08'49" E	405.79'
985	986	N 53°51'11" W	60.00'
986	987	N 36°08'49" E	206.15'
987	988	S 53°51'11" E	160.06'
988	989	S 37°02'30" W	85.81'
989	990	S 36°05'26" W	544.28'
990	982	S 36°05'26" W	331.86'
982	981	N 53°51'11" W	99.58'

POINT TABLE - STA. OFFSET & COORDS.				
POINT#	STATION	DIST.	Y (N)	X (E)
USH 63				
981	873+00.00	-40.00'	539420.46	732836.30
982	873+00.00	59.58'	539361.73	732916.72
725	873+00.00	141.43'	539313.45	732982.81
816	874+00.00	130.00'	539400.94	733032.57
801	874+45.00	-40.00'	539537.55	732921.83
802	874+75.00	-55.00'	539570.63	732927.42
803	875+25.00	-60.00'	539613.95	732952.87
804	876+25.00	-60.00'	539694.70	733011.86
990	876+31.86	59.26'	539629.90	733112.20
805	876+50.00	-40.00'	539703.09	733042.75
806	876+65.00	-90.00'	539744.70	733011.23
807	877+00.00	-110.00'	539784.76	733015.72
808	877+95.00	-110.00'	539861.47	733071.76
809	877+95.00	-40.00'	539820.18	733128.28
817	878+00.00	130.00'	539723.94	733268.51
811	878+90.00	-40.00'	539896.89	733184.32
812	878+90.00	-85.00'	539923.44	733147.98
818	878+50.00	164.00'	539744.26	733325.46
813	879+70.00	-85.00'	539988.04	733195.17
814	879+70.00	-50.00'	539967.39	733223.43
815	880+55.79	-55.00'	540039.62	733270.00
985	880+55.79	-40.00'	540030.77	733282.11
986	880+55.79	-100.00'	540066.16	733233.66
989	881+76.14	58.72'	540069.72	733432.82
819	882+18.36	168.55'	540039.03	733546.41
987	882+61.94	-100.00'	540232.63	733355.26
988	882+61.94	60.06'	540138.21	733484.51

SCHEDULE OF LANDS & INTERESTS REQUIRED

OWNER'S NAMES ARE SHOWN FOR REFERENCE PURPOSES ONLY AND ARE SUBJECT TO CHANGE PRIOR TO THE TRANSFER OF LAND INTERESTS TO THE DEPARTMENT.

PARCEL NUMBER	OWNER(S)	INTEREST REQUIRED	R/W REQUIRED (S.F.) NEW	R/W REQUIRED (S.F.) EXISTING	R/W REQUIRED (S.F.) TOTAL	TLE ACRES (S.F.) REQUIRED
3	CITY OF SHELL LAKE	TLE	0.00	0.00	0.00	1.78
4	SHELL LAKE SCHOOL DISTRICT	FEE	(1681)	0.00	(1681)	---
17	T.M. KLASSA JR. & A.P. KLASSA	FEE,TLE	(1668)	0.00	(1668)	(9061)
18	THOMAS M. KLASSA JR.	TLE	0.00	0.00	0.00	(5511)

UTILITY INTERESTS REQUIRED		
UTILITY NUMBER	OWNERS	INTEREST REQUIRED
20	XCEL ENERGY	RELEASE OF RIGHTS
30	WE ENERGIES	RELEASE OF RIGHTS
40	CENTURYLINK	RELEASE OF RIGHTS

OTHER EASEMENT INFORMATION	
PARCEL 17	DOC. 358398 (PUBLIC TRAIL)

CONVENTIONAL SYMBOLS

FOUND IRON PIPE/PIN (IF UNLESS NOTED)
R/W MONUMENT
R/W STANDARD
SIGN
SECTION CORNER MONUMENT
SECTION CORNER SYMBOL
FEE (HATCH VARIES)
TEMPORARY LIMITED EASEMENT
PERMANENT LIMITED EASEMENT
R/W BOUNDARY POINT
PARCEL NUMBER
UTILITY INTEREST
SIGN NUMBER (OFF PREMISE)
BUILDING
PROPOSED R/W LINE
EXISTING H.E. LINE
PROPERTY LINE
LOT & TIE LINES
SLOPE INTERCEPTS
CORPORATE LIMITS
RESTRICTED ACCESS (BY PREVIOUS ACQUISITION/CONTROL)
RESTRICTED ACCESS (BY ACQUISITION)
NO ACCESS (BY STATUTORY AUTHORITY)
SECTION LINE
QUARTER LINE
SIXTEENTH LINE
EXISTING CENTERLINE
PROPOSED REFERENCE LINE
PARALLEL OFFSET

CONVENTIONAL ABBREVIATIONS

ACCESS POINT, DRIVEWAY CONNECTION	AP	REFERENCE LINE	R/L
ACCESS RIGHTS	AR	RELEASE OF RIGHTS	ROR
ACRES	AC.	REMAINING	REM.
AND OTHERS	ET.AL.	RIGHT-OF-WAY	R/W
CENTERLINE	C/L	SECTION	SEC.
CERTIFIED SURVEY MAP	CSM	STATION	STA.
CORNER	COR.	TEMPORARY LIMITED EASEMENT	TLE
DOCUMENT	DOC.	VOLUME	V.
EASEMENT	EASE.		
HIGHWAY EASEMENT	H.E.		
LAND CONTRACT	LC		
MONUMENT	MON.		
PAGE	P.		
PERMANENT LIMITED EASEMENT	PLE		
PROPERTY LINE	PL		
RECORDED AS	(000')		

CURVE DATA

LONG CHORD	LC
LONG CHORD BEARING	LCB
RADIUS	R
DEGREE OF CURVE	D
CENTRAL ANGLE OR DELTA	DELTA
LENGTH OF CURVE	L
TANGENT	TAN

CONVENTIONAL UTILITY SYMBOLS

	NON COMPENSABLE	COMPENSABLE
WATER	W	
GAS	G	
TELEPHONE	T	
OVERHEAD TRANSMISSION LINES	OH	
ELECTRIC	E	
CABLE TELEVISION	TV	
FIBER OPTIC	FO	
SANITARY SEWER	SAN	
STORM SEWER	SS	
POWER POLE		
TELEPHONE POLE		
TELEPHONE PEDESTAL		

N.W.B.E.
NORTHERN WISCONSIN-BASED ENGINEERS, INC.

I, JOHN D. RIPLEY, REGISTERED LAND SURVEYOR, HEREBY CERTIFY THAT IN FULL COMPLIANCE WITH THE PROVISIONS OF SECTION 84.095 OF THE WISCONSIN STATUTES AND UNDER THE DIRECTION OF WISCONSIN DEPT. OF TRANSPORTATION, I HAVE SURVEYED TRANSPORTATION PROJECT PLAT 1560-31-21-4.08 AND THAT SUCH PLAT CORRECTLY REPRESENTS ALL EXTERIOR BOUNDARIES OF THE SURVEYED LAND.

DATE JUNE 6, 2014

JOHN D. RIPLEY REGISTRATION NO. S-2384

THIS PLAT AND RELOCATION ORDER ARE APPROVED FOR THE WISCONSIN DEPARTMENT OF TRANSPORTATION.

DATE JUNE 6, 2014

MICHAEL PILLER

PRELIMINARY

STA. 625+69 LT
9'W X 14'L MEDIUM RIPRAP AND
GEOTEXTILE FABRIC TYPE HR REQ'D

STA 625+34
CLEANING CULVERT PIPES MINIMAL LT
REMOVE 36" X 4' CPRC RT
1 - 36" X 6' CPRC RT
1- APRON ENDWALL RT REQ'D
1 - CONCRETE COLLAR RT REQ'D

BARRON ELEC. CO-OP

WOODYARD ROAD

PI: 7+72.39'WS

8'WS'

S88° 19' 02"E

STA. 631+12 LT
7'W X 13'L MEDIUM RIPRAP AND
GEOTEXTILE FABRIC TYPE HR REQ'D

STA 631+12
EXISTING 24" X 104' CPRC
CLEANING CULVERT PIPES MINIMAL LT
REMOVE 24" X 8' CPRC LT
CLEANING CULVERT PIPES MINIMAL RT
REMOVE 24" X 8' CPRC RT
1 - 24" X 104' PIPE LINER

PI: 12+07.03'WN'

BEGIN PROJECT NO. 1560-31-71
STA. 625+00.00
X = 719,626.34
Y = 518,858.64
(SAW CUT REQUIRED)

SLOPE INTERCEPT
(TYP.)

CENTURYLINK
BARRON ELE. CO-OP
RIGHT-OF-WAY

6317

USH 63 STA. 628+16.14 =
WOODYARD RD (S.) STA. 10+00.00

USH 63 STA. 632+92.88 =
WOODYARD RD (N.) STA. 10+00.00

NO 12 28"W

BARRON ELE. CO-OP

MATCHLINE STA. 634+50.00

620 625 630

USH 63

N44° 46' 28"E

100'

50'

SIGN

SLOPE INTERCEPT
(TYP.)

CENTURYLINK

XCEL ENERGY

RIGHT-OF-WAY

S89° 09' 52"E

SLOPE INTERCEPT FOR
SLOPE REPAIR INTERSECTION

NE QUADRANT USH 63 / WOODYARD ROAD SOUTH
SLOPE REPAIR INTERSECTION

STA. 631+81 - 632+31 RT
DITCH CLEANING

STA. 631+12 RT
7'W X 13'L MEDIUM RIPRAP AND
GEOTEXTILE FABRIC TYPE HR REQ'D

12'WS'

S88° 04' 17"E

PI: 13+19.72'WS

PI: 11+94.43'WS

NO 10 24"E

NORTH WOODYARD ROAD

8P: 7+74.18'WN'

STA. 9+40.7'WN' SKEW 37°33' RHF
REMOVE SMALL PIPE CULVERT
1 - 18" X 34' CPCS
2 - APRON ENDWALLS REQ'D
6' X 6' RIPRAP AND GEOTEXTILE
FABRIC TYPE REQ'D R LT & RT

STA. 633+46, 44.6' RT
SAVE TREE
(16-INCH DIA. DEAD DECIDUOUS TREE)

STA. 634+40, 43.7' RT
SAVE TREE (12-INCH DIA. RED PINE)

STA. 625+18 RT
14'W X 9'L MEDIUM RIPRAP AND
GEOTEXTILE FABRIC TYPE HR REQ'D

5

5

BENCH MARKS

NO.	STATION	OFFSET	ELEV.	DESCRIPTION
6317	627+96.98	-61.10	1349.61	RED-CAPPED REBAR

PRELIMINARY

NORTH WOODYARD RD

STA. 637+60 - 638+60 LT
SALVAGE AND REPLACE
BARBED WIRE FENCE

STA 638+10 CULVERT PIPE FOR CATTLE PASS
(INCLUDES 1 - 24" X 98' CPCP AND FILL WALL IN BARREL AND
WINGWALLS WITH LOW STRENGTH CONCRETE GROUT)
2 - APRON ENDWALLS REQ'D

(EXISTING 42" X 72" X 98' CATTLE PASS TO REMAIN IN PLACE)

638+10 LT
CLEANING CULVERT PIPES MINIMAL
7'W X 13'L MEDIUM RIPRAP AND
GEOTEXTILE FABRIC TYPE HR REQ'D

STA 646+00
EXISTING 48" X 138' CPRC
NO WORK REQ'D

RIGHT-OF-WAY

SLOPE INTERCEPT
(TYP.)

CHARTER

6318

100'

MATCHLINE STA. 634+50.00

635 640 645

USH 63

N44° 46' 28"E

50'

100'

SLOPE INTERCEPT
(TYP.)

CENTURYLINK

RIGHT-OF-WAY

XCEL ENERGY

MATCHLINE STA. 649+50.00

STA. 647+00, 36' RT
CLEANING CULVERT PIPES MINIMAL
6' X 6' LIGHT RIPRAP AND
GEOTEXTILE FABRIC TYPE R REQ'D

STA. 635+75, 46' RT
TRIM OVERHANGING BRANCHES
(24-INCH DIAMETER BOX ELDER)

STA. 637+10, 49.5' RT
TRIM OVERHANGING BRANCHES
(24-INCH DIAMETER BOX ELDER)

STA. 646+76, 36' RT
CLEANING CULVERT PIPES MINIMAL
6' X 6' LIGHT RIPRAP AND GEOTEXTILE
FABRIC TYPE R REQ'D

STA. 636+82, 44.5' RT
CLEAR TREE
(38-INCH DIAMETER BOX ELDER)

STA. 637+60 - 638+60 RT
SALVAGE AND REPLACE
BARBED WIRE FENCE

BENCH MARKS

NO.	STATION	OFFSET	ELEV.	DESCRIPTION
6318	642+91.40	-46.49	1338.38	RED-CAPPED REBAR

PROJECT NO: 1560-31-71	HWY: USH 63	COUNTY: WASHBURN	USH 63	SHEET	E

FILE NAME : \\NWBESERVER\DRAWINGS\NWBE_PROJECTS\DESIGN\1101_SHELL_LAKE_SS\C3D_12\050201_PN_US63.DWG PLOT DATE : 9/10/2014 10:54 AM PLOT BY : GARY COLBERT PLOT NAME : PLOT SCALE : 1:100_XREF

STA. 656+71, 31' LT
CLEANING CULVERT PIPES MINIMAL
6' X 6' LIGHT RIPRAP AND
GEOTEXTILE FABRIC TYPE R REQ'D

STA. 657+03, 31' LT
CLEANING CULVERT PIPES MINIMAL
6' X 6' LIGHT RIPRAP AND
GEOTEXTILE FABRIC TYPE R REQ'D

STA 659+69 LT
CLEANING CULVERT PIPES MINIMAL
9'W X 23'L MEDIUM RIPRAP AND
GEOTEXTILE FABRIC TYPE HR REQ'D

CLEARING
STA. 663+00 - 664+00, 45' LT

STA 659+69
EXISTING 48" X 108' CPRC

RIGHT-OF-WAY

RESTORE P.E.
(BASE AGGREGATE)

BEGIN MEDIUM RIPRAP 5'
UPSLOPE FROM END OF PIPE

MATCHLINE STA. 649+50.00

100'

CHARTER

6319

650

USH 63

655

N44° 46' 28"E

USH 63

660

USH 63

100'

RESTORE P.E.
(BASE AGGREGATE)

SLOPE INTERCEPTS FOR
STEEL PLATE BEAM GUARD

SLOPE INTERCEPTS FOR
STEEL PLATE BEAM GUARD

CENTURYLINK (TYP.)

XCEL ENREGY

RIGHT-OF-WAY

MATCHLINE STA. 664+50.00

STA. 656+59, 31' RT
REMOVE SMALL CULVERT PIPE
1 - 18" X 28' CPCS
2 - APRON ENDWALLS
6' X 6' LIGHT RIPRAP AND
GEOTEXTILE FABRIC TYPE R REQ'D
EACH END

STA. 657+07.3 - 657+57.3 RT
STEEL PLATE BEAM GUARD EAT

STA. 657+57.3 - 659+19.8 RT
STEEL PLATE BEAM GUARD CLASS A

STA. 661+94.3 - 663+81.8 RT
STEEL PLATE BEAM GUARD CLASS A

STA. 663+81.8 - 664+31.8 RT
STEEL PLATE BEAM GUARD EAT

STA. 658+69.8 - 659+19.8 RT
SALVAGE GUARDRAIL

STA. 661+94.3 - 662+44.3 RT
SALVAGE GUARDRAIL

BENCH MARKS

NO.	STATION	OFFSET	ELEV.	DESCRIPTION
6319	654+28.06	-45.06	1338.50	RED-CAPPED REBAR

PRELIMINARY

RIGHT-OF-WAY

RESTORE P.E.
(BASE AGGREGATE)

CHARTER

MATCHLINE STA. 664+50.00

100'

665

USH 63

670

N44° 46' 28"E

USH 63

675

USH 63

100'

6320

SLOPE INTERCEPTS FOR
STEEL PLATE BEAM GUARD

CENTURYLINK (TYP.)

XCEL ENERGY

RIGHT-OF-WAY

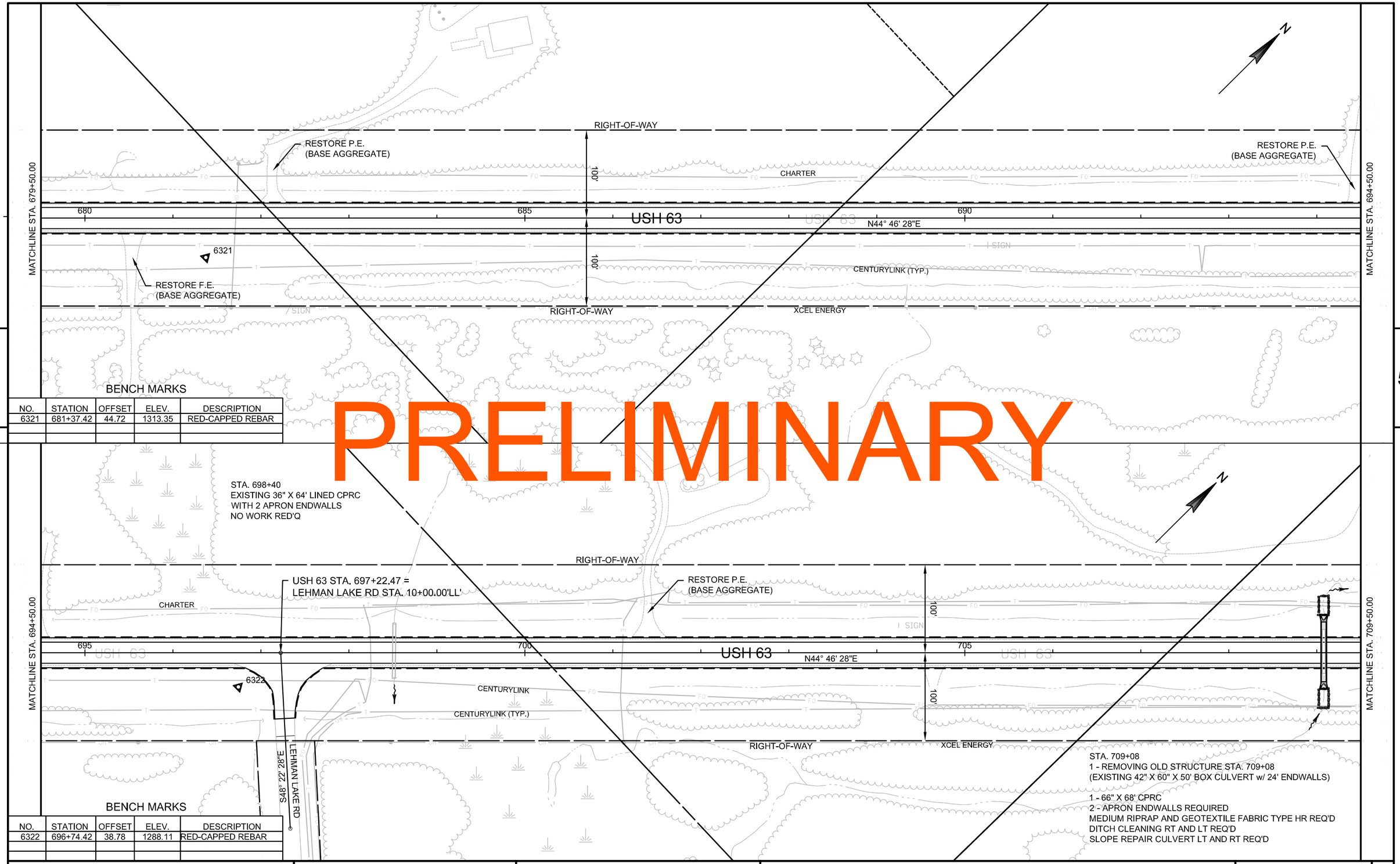
MATCHLINE STA. 679+50.00

STA 675+70
EXISTING 48" X 66' LINED CPRC
WITH 2 APRON ENDWALLS
NO WORK REQ'D

BENCH MARKS

NO.	STATION	OFFSET	ELEV.	DESCRIPTION
6320	667+64.16	32.56	1321.08	RED-CAPPED REBAR

PROJECT NO: 1560-31-71	HWY: USH 63	COUNTY: WASHBURN	USH 63	SHEET	E



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BENCH MARKS

NO.	STATION	OFFSET	ELEV.	DESCRIPTION
6321	681+37.42	44.72	1313.35	RED-CAPPED REBAR

BENCH MARKS

NO.	STATION	OFFSET	ELEV.	DESCRIPTION
6322	696+74.42	38.78	1288.11	RED-CAPPED REBAR

PRELIMINARY

PROJECT NO: 1560-31-71	HWY: USH 63	COUNTY: WASHBURN	USH 63	SHEET	E

FILE NAME : \\NWBESERVER\DRAWINGS\NWBE_PROJECTS\DESIGN\1101_SHELL_LAKE_SS\C3D_12\050201_PN_US63.DWG PLOT DATE : 9/10/2014 10:56 AM PLOT BY : GARY COLBERT PLOT NAME : PLOT SCALE : 1:100_XREF
WISDOT/CADDS SHEET 44

PRELIMINARY

STA 719+08 LT
CLEANING CULVERT PIPES FULL
REMOVE 24" X 4' CPRC
1 - 24" X 6' CPRC
1 - APRON ENDWALL REQ'D
1 - CONCRETE COLLAR REQ'D
MEDIUM RIPRAP AND GEOTEXTILE
FRABIC TYPE HR REQ'D

STA. 718+98 - 719+18 LT
SLOPE REPAIR CULVERT

MATCHLINE STA. 709+50.00

RIGHT-OF-WAY

PC. 714+46.27

100'

6323

710

N44° 46' 28"E

715

720

CHARTER

USH 63

CENTURYLINK

CENTURYLINK (TYP.)

XCEL ENERGY

RIGHT-OF-WAY

MATCHLINE STA. 724+50.00

STA 719+08 RT
CLEANING CULVERT PIPES
MINIMAL
REMOVE 24" X 4' CPRC
1 - 24" X 6' CPRC
1 - APRON ENDWALL REQ'D
1 - CONCRETE COLLAR REQ'D
MEDIUM RIPRAP AND GEOTEXTILE
FABRIC TYPE HR REQ'D

STA. 718+98 - 719+18 RT
SLOPE REPAIR CULVERT

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BENCH MARKS

NO.	STATION	OFFSET	ELEV.	DESCRIPTION
6323	712+62.47	-39.92	1279.21	RED-CAPPED REBAR

PI STA = 724+92.46
Y = 525952.12
X = 726664.22
DELTA = 20°41'45"
D = 1°00'00"
T = 1046.19
L = 2069.58
R = 5729.58
PC STA = 714+46.27
PT STA = 735+15.85
SE = 2.71%

STA 733+34 RT
REMOVE 24" X 4' CPRC
1 - 24" X 6' CPRC
1 - APRON ENDWALL REQ'D
1 - CONCRETE COLLAR REQ'D
6' X 6' LIGHT RIPRAP AND
GEOTEXTILE FABRIC TYPE R
REQ'D

STA 733+34 CLEAN CULVERT PIPE
(EXISTING 24" X 64' CPRC)

BARRON ELE. CO-OP

HEART LAKE ROAD

8°HL S88° 15' 48"E

USH 63 STA. 733+72.27 =
HEART LAKE RD STA. 10+00.00'HL'

STA. 732+90 - 733+10 LT
SLOPE REPAIR CULVERT

STA. 732+90 - 733+00 LT
DITCH CLEANING

RIGHT-OF-WAY

CHARTER

MATCHLINE STA. 724+50.00

100'

725

730

USH 63

6324

CENTURYLINK

CENTURYLINK

110'

PT: 735+15.85

100'

735

N24° 04' 43"E

BARRON ELE. CO-OP

70'

RIGHT-OF-WAY

MATCHLINE STA. 739+50.00

SIGN

SIGN

SIGN

CENTURYLINK

XCEL ENERGY

SLOPE INTERCEPT

BIKE PATH

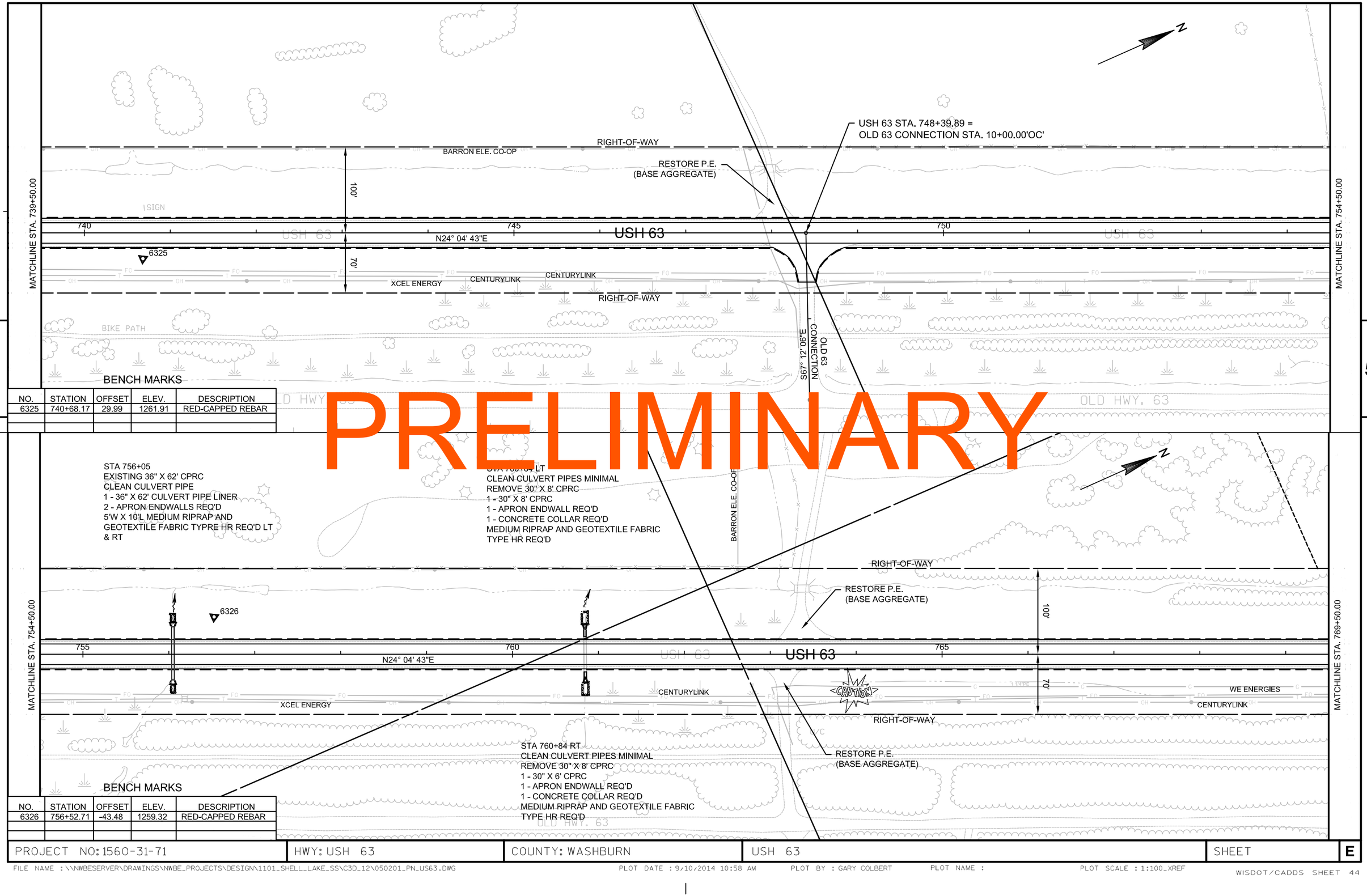
STA 733+34 RT
REMOVE 24" X 4' CPRC
1 - 24" X 8' CPRC
1 - APRON ENDWALL REQ'D
1 - CONCRETE COLLAR REQ'D
MEDIUM RIPRAP AND GEOTEXTILE
FABRIC TYPE HR REQ'D

STA. 733+25 - 735+00 RT
GRADE DITCH

BENCH MARKS

NO.	STATION	OFFSET	ELEV.	DESCRIPTION
6324	725+24.02	64.16	1281.26	RED-CAPPED REBAR

PROJECT NO: 1560-31-71	HWY: USH 63	COUNTY: WASHBURN	USH 63	SHEET	E



PRELIMINARY

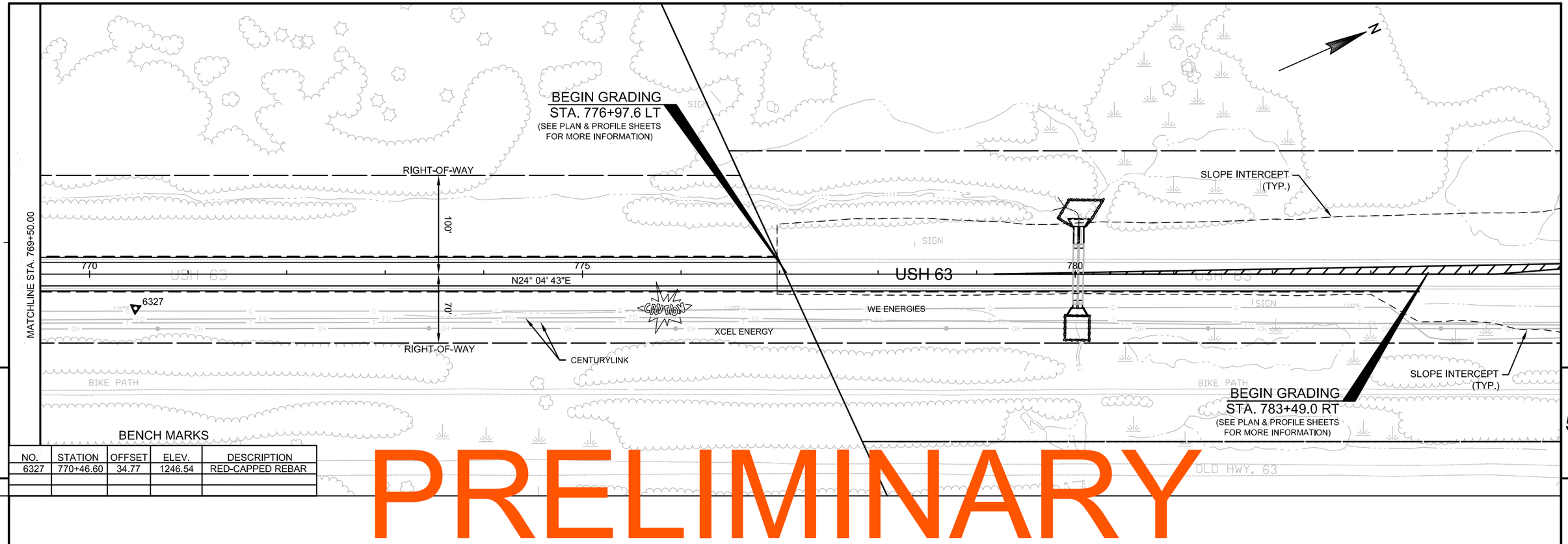
BENCH MARKS

NO.	STATION	OFFSET	ELEV.	DESCRIPTION
6325	740+68.17	29.99	1261.91	RED-CAPPED REBAR

BENCH MARKS

NO.	STATION	OFFSET	ELEV.	DESCRIPTION
6326	756+52.71	-43.48	1259.32	RED-CAPPED REBAR

PROJECT NO: 1560-31-71	HWY: USH 63	COUNTY: WASHBURN	USH 63	SHEET	E



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BENCH MARKS

NO.	STATION	OFFSET	ELEV.	DESCRIPTION
6327	770+46.60	34.77	1246.54	RED-CAPPED REBAR

PRELIMINARY

PROJECT NO: 1560-31-71	HWY: USH 63	COUNTY: WASHBURN	USH 63	SHEET	E

RIGHT-OF-WAY

BEGIN GRADING
STA. 776+97.6 LT
(END CLEARING LIMITS TO 45')

82 M

RE-ALIGN CHANNEL
(INCIDENTAL TO RIPRAP ITEM)

PROPOSED
SLOPE INTERCEPT

STA. 780+00 LT
REMOVE 2 - 48" X 4' CPRC
2 - 48" X 22' CPRC
2 - CONCRETE COLLARS
1 - CONCRETE MASONRY ENDWALL
20'W X 35'L MEDIUM RIPRAP AND
GEOTEXTILE FABRIC TYPE HR RED'Q

wet 102 WS

N

SIGN

776 778 USH 63 780 782
N24° 04' 43"E

MATCHLINE STA. 783+00

1 1/4"PE

WE ENERGIES

XCEL ENERGY

PROPOSED
SLOPE INTERCEPT

CAUTION

RIGHT-OF-WAY

CENTURYLINK

STA. 780+00 RT
REMOVE 2 - 48" X 4' CPRC
2 - 48" X 8' CPRC
2 - CONCRETE COLLARS
1 - CONCRETE MASONRY ENDWALL
4'W X 24' MEDIUM RIPRAP AND
GEOTEXTILE FABRIC TYPE HR RED'Q

wet 127 SM

BIKE PATH

5 5

PRELIMINARY

1270 1260 1250 1240 1230

EXISTING GRADE LINE

PROPOSED GRADE LINE

EXISTING GRADE LINE

PROPOSED GRADE LINE

775	776	+50	777	+50	778	+50	779	+50	780	+50	781	+50	782	+50	783
1245.43	1244.83	1244.40	1244.20	1243.94	1243.64	1243.33	1243.04	1242.84	1242.57	1242.32	1242.12	1241.87	1241.63	1241.39	1241.23
1245.55	**1244.95**	**1244.53**	**1244.33**	**1244.06**	**1243.76**	**1243.45**	**1243.17**	**1242.96**	**1242.69**	**1242.44**	**1242.25**	**1242.00**	**1241.76**	**1241.51**	**1241.36**

PROJECT NO: 1560-31-71	HWY: USH 63	COUNTY: WASHBURN	PLAN AND PROFILE: USH 63	SHEET	E

FILE NAME : \\NWBESERVER\DRAWINGS\NWBE_PROJECTS\DESIGN\1101_SHELL_LAKE_SS\C3D_12\050101_PP_US63_776-843.DWG PLOT DATE : 9/11/2014 10:45 AM PLOT BY : GARY COLBERT PLOT NAME : PLOT SCALE : 1" = 50'_XREF

BENCH MARKS				
NO.	STATION	OFFSET	ELEV.	DESCRIPTION
6328	785+44.32	-44.65	1239.66	RED-CAPPED REBAR

PROPOSED SLOPE INTERCEPT
TEMP. EASEMENT
RIGHT-OF-WAY
MARSH EXCAVATION STA. 783+80 - 784+90 LT
STA. 784+99 LT BERM DITCH TO RETAIN EXISTING WATER ELEVATION OF POND
6328
CENTURYLINK
HILLTOP ROAD
S89° 43' 07"E
9'HT'
USH 63 STA. 789+02.74 = HILLTOP RD STA. 10+00.00'HT' (INTERSECTION TYPE 'B2' = CTH D STA. 10+00.00'D' (INTERSECTION TYPE 'A2')
MATCHLINE STA. 783+00
MATCHLINE STA. 790+50
784
786
USH 63
N24° 04' 43"E
788
790
66°12'9"
10'HT'
10'D'
68°35'8"
S87° 19' 18"E
CTH D
11'D'
PC: 10+76.65 D'
CHARTER
XCEL ENERGY
WE ENERGIES
PROPOSED SLOPE INTERCEPT
CAUTION
BEGIN GRADING
STA. 783+49.0 RT
(END CLEARING LIMITS TO 45')
5
5

PRELIMINARY

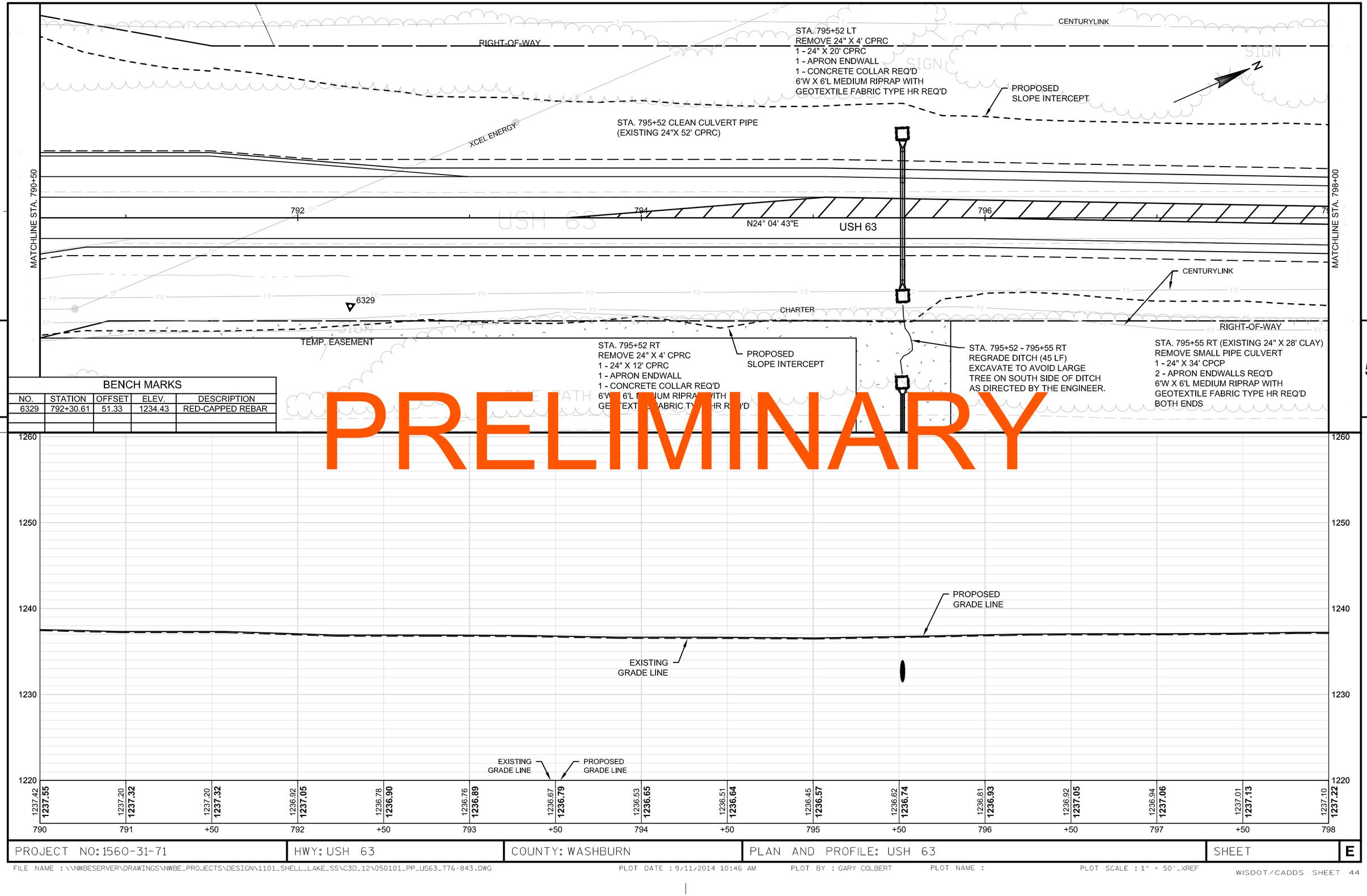
1260
1250
1240
1230
1220

PROPOSED GRADE LINE
EXISTING GRADE LINE
EXISTING GRADE LINE
PROPOSED GRADE LINE

1241.23	1241.36	1240.91	1241.03	1240.57	1240.69	1240.34	1240.47	1240.15	1240.27	1239.82	1239.95	1239.56	1239.69	1239.27	1239.40	1239.03	1239.15	1238.78	1238.90	1238.48	1238.60	1238.16	1238.29	1238.09	1238.21	1237.89	1238.02	1237.66	1237.79	1237.42	1237.55
783		+50		784		+50		785		+50		786		+50		787		+50		788		+50		789		+50		790		790	

PROJECT NO: 1560-31-71	HWY: USH 63	COUNTY: WASHBURN	PLAN AND PROFILE: USH 63	SHEET	E

FILE NAME : \\NWBESERVER\DRAWINGS\NWBE_PROJECTS\DESIGN\1101_SHELL_LAKE_SS\C3D_12\050101_PP_US63_776-843.DWG
PLOT DATE : 9/11/2014 10:45 AM
PLOT BY : GARY COLBERT
PLOT NAME :
PLOT SCALE : 1" = 50'_XREF
WISDOT/CADDS SHEET 44



5

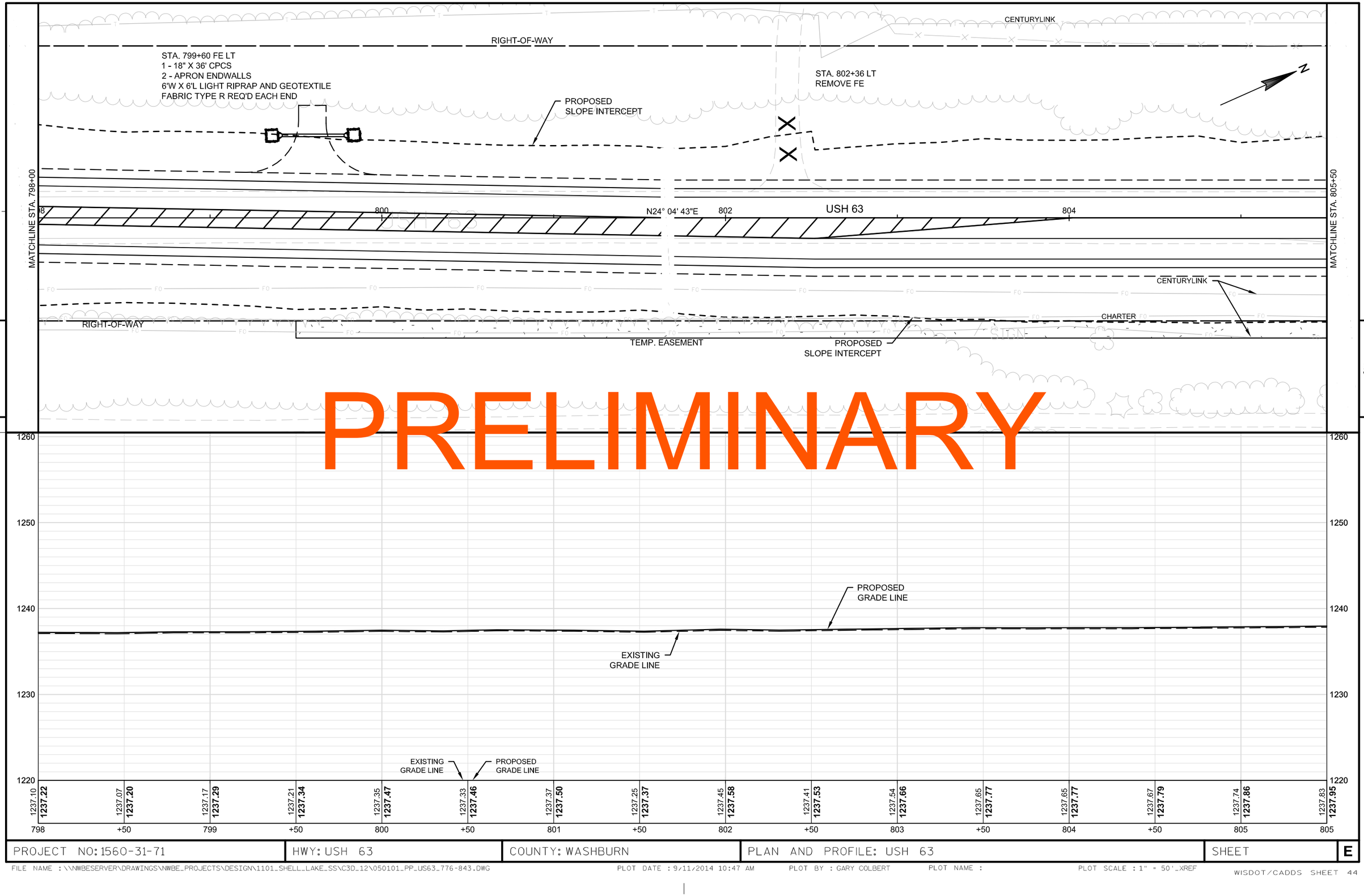
5

BENCH MARKS				
NO.	STATION	OFFSET	ELEV.	DESCRIPTION
6329	792+30.61	51.33	1234.43	RED-CAPPED REBAR

PRELIMINARY

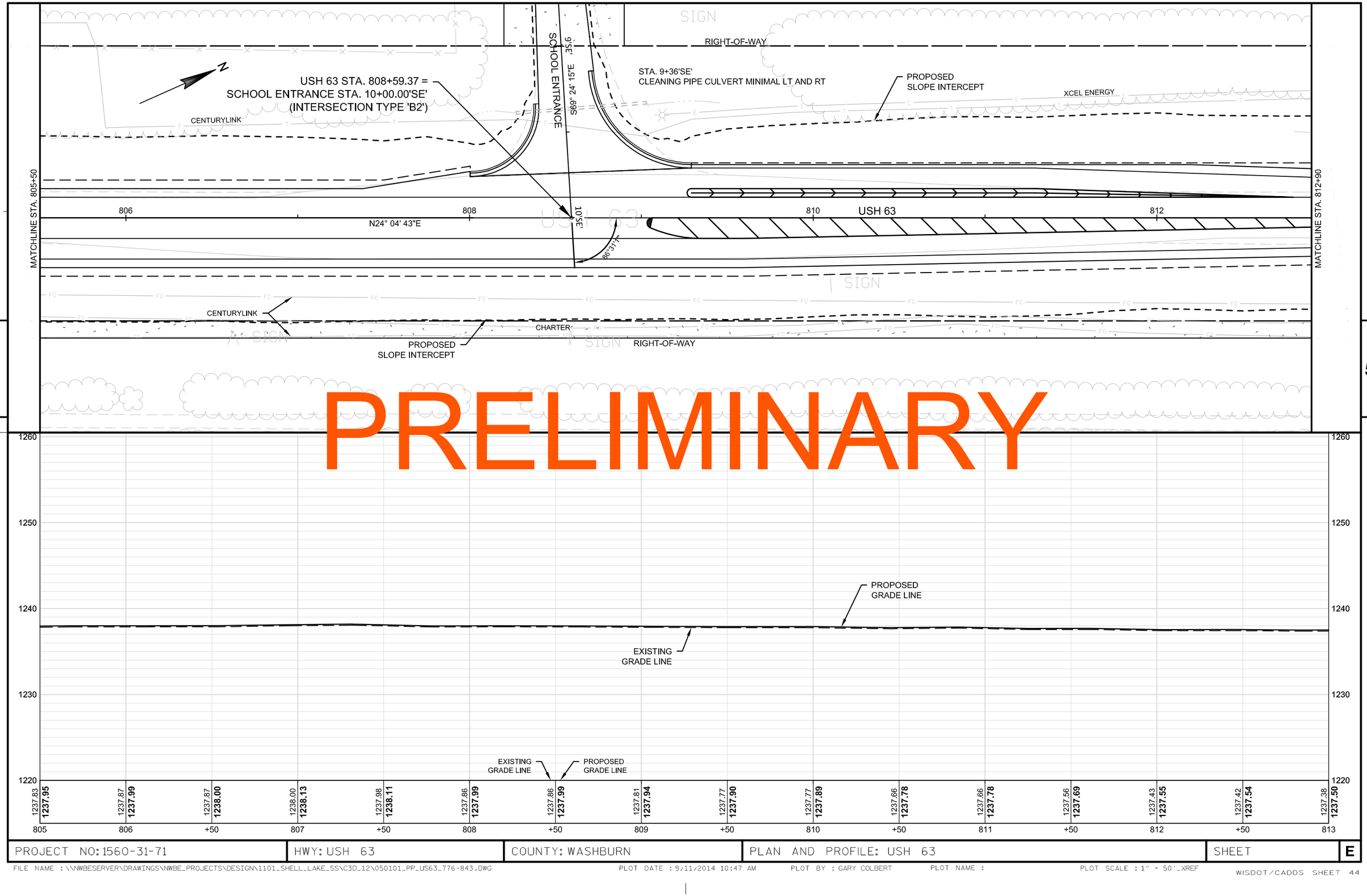
PROJECT NO: 1560-31-71	HWY: USH 63	COUNTY: WASHBURN	PLAN AND PROFILE: USH 63	SHEET	E

FILE NAME : \\NWBESERVER\DRAWINGS\NWBE_PROJECTS\DESIGN\1101_SHELL_LAKE_SS\C3D_12\050101_PP_US63_776-843.DWG PLOT DATE : 9/11/2014 10:46 AM PLOT BY : GARY COLBERT PLOT NAME : PLOT SCALE : 1" = 50'_XREF

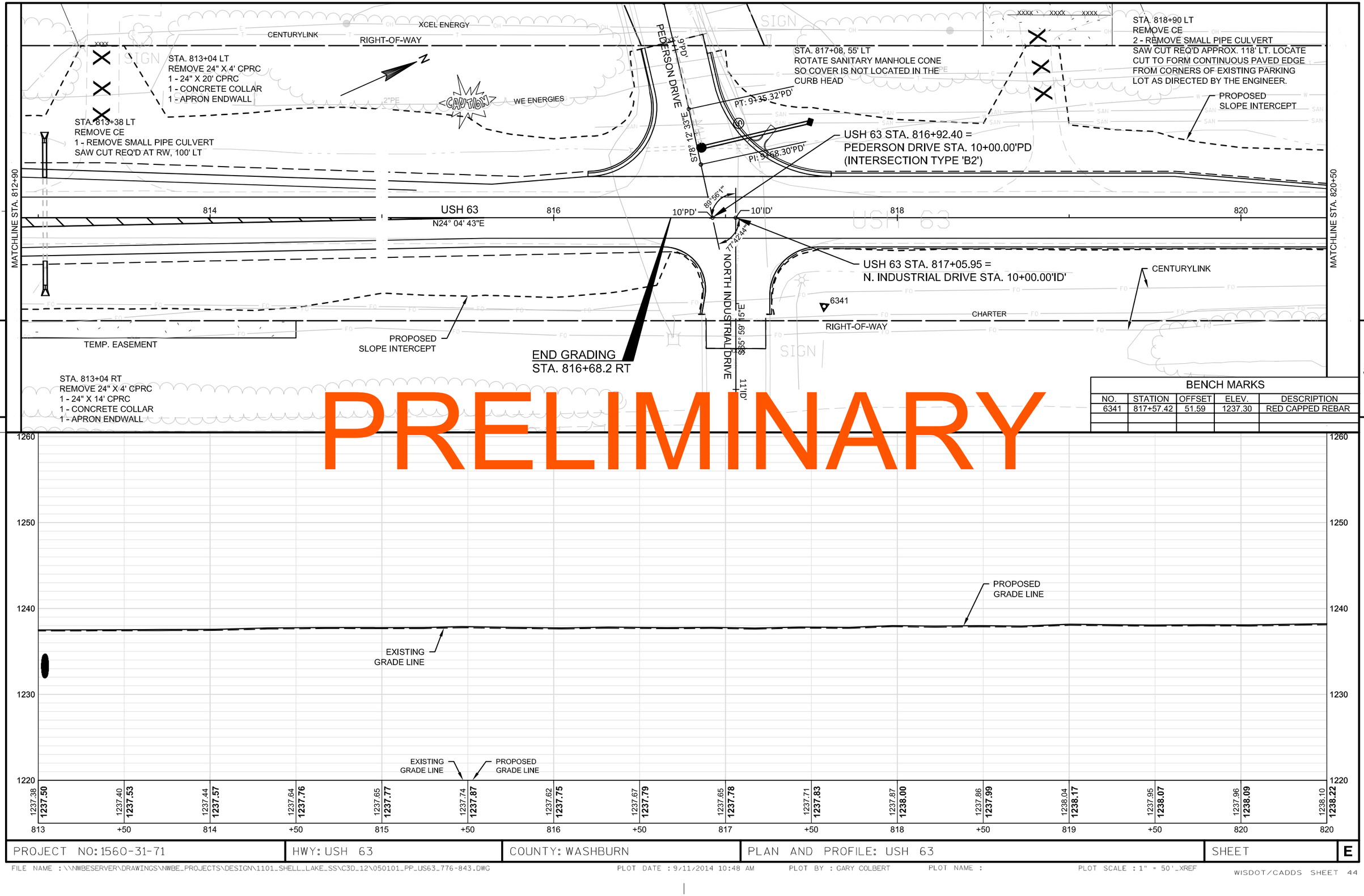


PROJECT NO: 1560-31-71	HWY: USH 63	COUNTY: WASHBURN	PLAN AND PROFILE: USH 63	SHEET	E

FILE NAME : \\NWBESERVER\DRAWINGS\NWBE_PROJECTS\DESIGN\1101_SHELL_LAKE_SS\C3D_12\050101_PP_US63_776-843.DWG PLOT DATE : 9/11/2014 10:47 AM PLOT BY : GARY COLBERT PLOT NAME : PLOT SCALE : 1" = 50'_XREF



PROJECT NO: 1560-31-71	HWY: USH 63	COUNTY: WASHBURN	PLAN AND PROFILE: USH 63	SHEET	E



PRELIMINARY

BENCH MARKS				
NO.	STATION	OFFSET	ELEV.	DESCRIPTION
6341	817+57.42	51.59	1237.30	RED CAPPED REBAR

PROJECT NO: 1560-31-71	HWY: USH 63	COUNTY: WASHBURN	PLAN AND PROFILE: USH 63	SHEET	E

FILE NAME : \\NWBESERVER\DRAWINGS\NWBE_PROJECTS\DESIGN\1101_SHELL_LAKE_SS\C3D_12\050101_PP_US63_776-843.DWG PLOT DATE : 9/11/2014 10:48 AM PLOT BY : GARY COLBERT PLOT NAME : PLOT SCALE : 1" = 50'_XREF

CENTURYLINK

RIGHT-OF-WAY

WE ENERGIES

END GRADING
STA. 820+74.1 LT

CAUTION

STA. 823+87 LT
CLEANING CULVERT PIPE MINIMAL

STA. 824+42 LT
CLEANING CULVERT PIPE MINIMAL

STA. 827+80 LT
CLEANING CULVERT PIPE MINIMAL

RESTORE C.E.
(ASPHALT)

USH 63 STA. 824+11.76 =
TRAIL ACCESS STA. 10+00.00'T3'

RESTORE C.E.
(ASPHALT)

MATCHLINE STA. 820+50

MATCHLINE STA. 828+00

822

USH 63
N24° 04' 43"E

824

826

90°0'0"

10'T3'

USH 63

CENTURYLINK

CHARTER

SLOPE INTERCEPTS FOR
TRAIL ACCESS (TYP.)

RIGHT-OF-WAY

wet 100 M

TRAIL ACCESS 11'T3'
S69° 55' 17"E

TEMP. EASEMENT

STA. 10+40'T3'
1 - 18" X 24' CPCS
2 - AEW'S REQ'D

5

5

PRELIMINARY

'T3'

PROFILE

VPI STA 10+00.00 EL 1239.62	VPI STA 10+12.00 EL 1239.38	VPI STA 10+18.00 EL 1239.14	VPI STA 10+55.00 EL 1238.22	VPI STA 10+80.00 EL 1237.92	VPI STA 11+10.00 EL 1238.67
	2.00%	-2.50%	-1.19%	2.50%	
	-4.00%				
1239.31 **1239.62**	1235.85 **1238.34**		1237.79 **1238.42**	1239.03	

PROPOSED
GRADE LINE

EXISTING
GRADE LINE

EXISTING
GRADE LINE

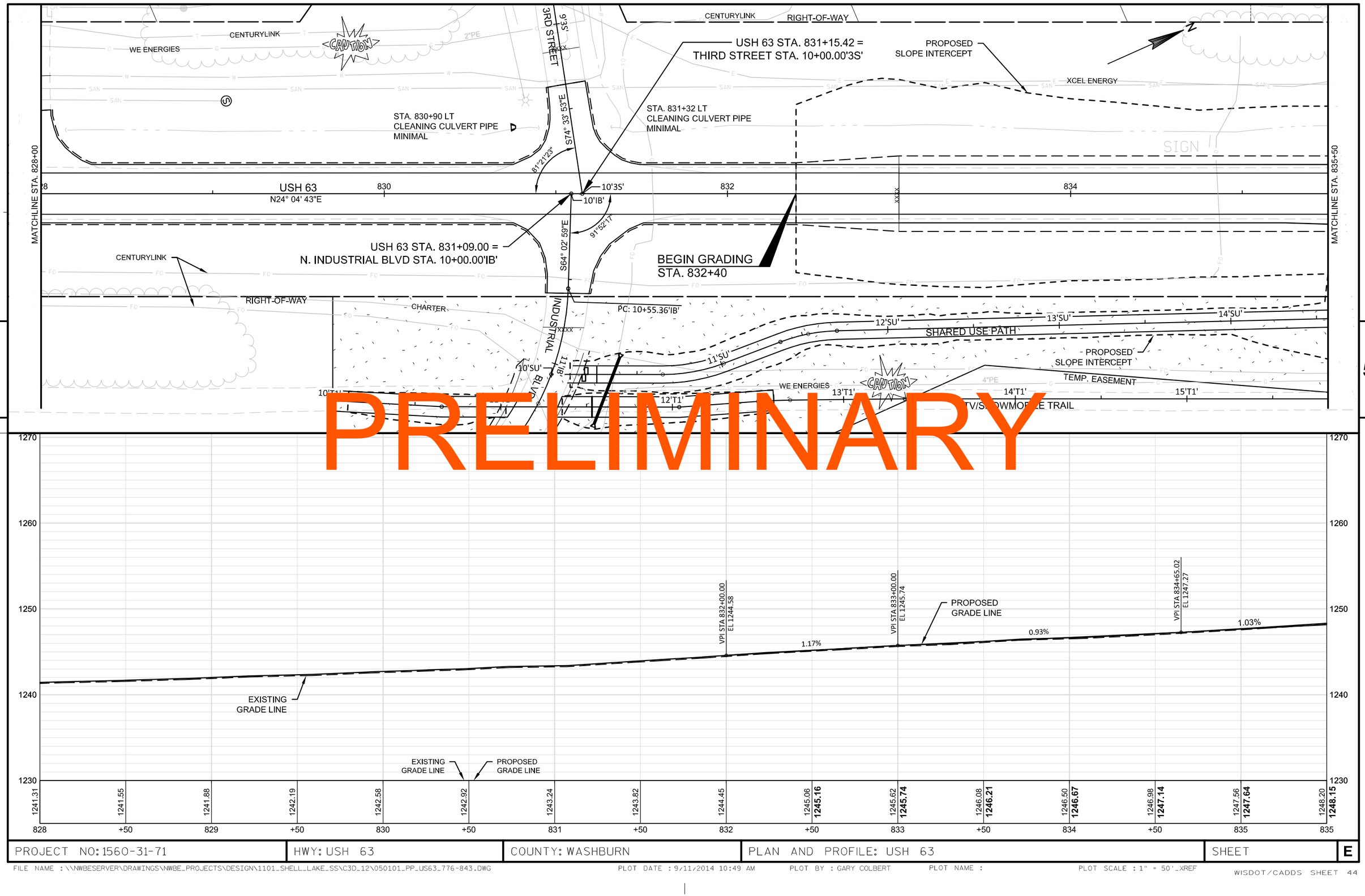
PROPOSED
GRADE LINE

1238.10 **1238.22**	1238.14 **1238.26**	1238.08 **1238.20**	1238.32 **1238.45**	1238.58 **1238.71**	1238.77 **1238.89**	1238.97 **1239.10**	1239.25 **1239.37**	1239.49 **1239.61**	1239.71 **1239.83**	1239.94 **1240.07**	1240.35 **1240.48**	1240.64 **1240.77**	1240.87 **1241.00**	1241.10 **1241.23**	1241.31 **1241.43**
820	821	+50	822	+50	823	+50	824	+50	825	+50	826	+50	827	+50	828

1270 1260 1250 1240 1230

PROJECT NO: 1560-31-71	HWY: USH 63	COUNTY: WASHBURN	PLAN AND PROFILE: USH 63	SHEET	E

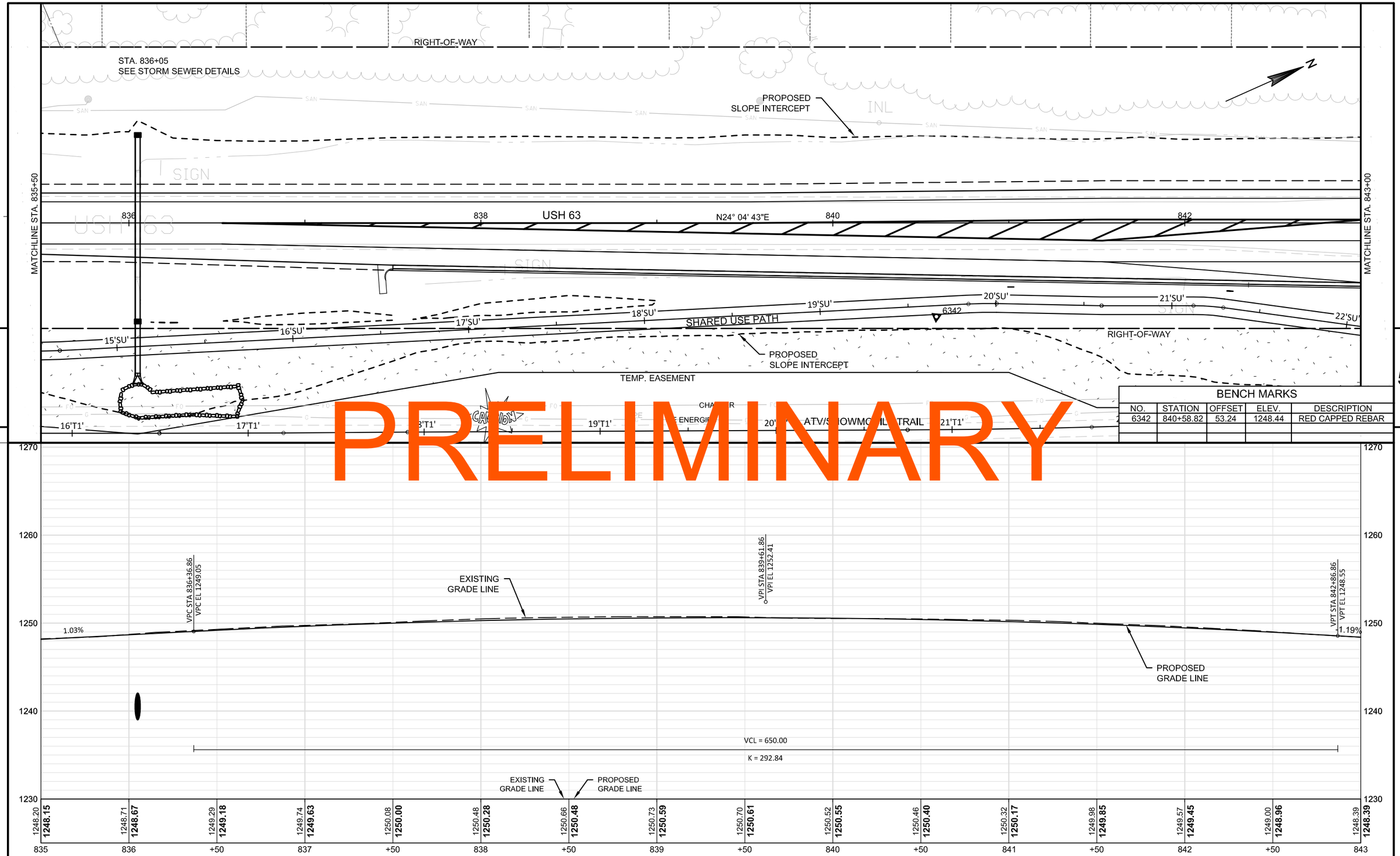
FILE NAME : \\NWBESERVER\DRAWINGS\NWBE_PROJECTS\DESIGN\1101_SHELL_LAKE_SS\C3D_12\050101_PP_US63_776-843.DWG PLOT DATE : 9/11/2014 10:48 AM PLOT BY : GARY COLBERT PLOT NAME : PLOT SCALE : 1" = 50'_XREF



PRELIMINARY

PROJECT NO: 1560-31-71	HWY: USH 63	COUNTY: WASHBURN	PLAN AND PROFILE: USH 63	SHEET	E

FILE NAME : \\NWBESERVER\DRAWINGS\NWBE_PROJECTS\DESIGN\1101_SHELL_LAKE_SS\C3D_12\050101_PP_US63_776-843.DWG PLOT DATE : 9/11/2014 10:49 AM PLOT BY : GARY COLBERT PLOT NAME : PLOT SCALE : 1" = 50'_XREF



PROJECT NO: 1560-31-71	HWY: USH 63	COUNTY: WASHBURN	PLAN AND PROFILE: USH 63	SHEET	E

FILE NAME : \\NWBESERVER\DRAWINGS\NWBE_PROJECTS\DESIGN\1101_SHELL_LAKE_SS\C3D_12\050101_PP_US63_776-843.DWG PLOT DATE : 9/11/2014 10:49 AM PLOT BY : GARY COLBERT PLOT NAME : PLOT SCALE : 1" = 50'_XREF
WISDOT/CADDS SHEET 44

PROPOSED STORM SEWER STRUCTURE

PROPOSED SANITARY SEWER STRUCTURE

RIGHT-OF-WAY

PROPOSED SLOPE INTERCEPT

USH 63 STA. 845+80.49 = 1ST AVENUE STA. 10+00.00'1A'

USH 63 STA. 845+77.14 = WEST LAKE DRIVE STA. 10+00.00'WL'

1ST AVENUE

WEST LAKE DRIVE

N89° 21' 35"E

PC: 845+43.66

89°26'46"

10'1A'

10'WL'

65°38'58"

N24° 04' 43"E

N 3° 28' 09"E 1.1

STA. 859+75 - 860+67 LT
TERRACE SLOPE = 2.0%

STA.847+47
CONSTRUCT CE 35' WIDE
(ASPHALT)

ALLEY

XCELENERGY

PI STA = 847+30.97
Y = 537146.52
X = 731666.73
DELTA = 3°44'41"
L.C. BEARING = N22° 12' 23"E
D = 1°00'00"
T = 187.30
L = 374.47
R = 5729.58
SE = NORMAL CROWN

USH 63 STA. 849+86.45 = S. ATV TRAIL STA. 31+28.05'T1'

2ND AVENUE

PT: 849+18.14

N20° 20' 02"E

90°00'

USH 63

MATCHLINE STA. 843+00

MATCHLINE STA. 850+50

CAUTION

CHARTER

WE ENERGIES

TEMP. EASEMENT

CENTURYLINK

SHARED-USE PATH

PROPOSED SLOPE INTERCEPT

23'SU'
24'SU'
25'T1'
24'T1'
26'SU'
27'SU'
28'SU'
29'SU'
28'T1'
29'T1'
30'T1'
31'T1'

PRELIMINARY

1270 1260 1250 1240 1230

STA 844+40.00 EL 1246.73

STA 847+30.00 EL 1243.15

-1.19%

-1.24%

-0.93%

EXISTING GRADE LINE

PROPOSED GRADE LINE

1248.39	1247.79	1247.19	1246.57	1245.96	1245.32	1244.80	1244.13	1243.59	1242.97	1242.46	1241.95	1241.48	1241.10	1240.73	1240.32
1248.39	**1247.80**	**1247.21**	**1246.61**	**1245.99**	**1245.37**	**1244.76**	**1244.14**	**1243.52**	**1242.96**	**1242.50**	**1242.03**	**1241.56**	**1241.10**	**1240.63**	**1240.17**

843+00 843+50 844+00 844+50 845+00 845+50 846+00 846+50 847+00 847+50 848+00 848+50 849+00 849+50 850+00 850+50

PROJECT NO: 1560-31-71	HWY: USH 63	COUNTY: WASHBURN	PLAN AND PROFILE: USH 63	SHEET	E

FILE NAME : \\NWBESERVER\DRAWINGS\NWBE_PROJECTS\DESIGN\1101_SHELL_LAKE_SS\C3D_12\050102_PP_US63_843-865.DWG PLOT DATE : 9/11/2014 11:35 AM PLOT BY : GARY COLBERT PLOT NAME : PLOT SCALE : 1" = 50'_XREF

PROPOSED STORM SEWER STRUCTURE

PROPOSED SANITARY SEWER STRUCTURE

1ST STREET (LEWIS STREET)

USH 63 STA. 851+25.36 = 1ST STREET STA. 10+00.00'1S'

STA. 853+34 - 853+52 LT CONCRETE CURB PEDESTRIAN. ADJUST TOP OF CURB HEIGHT TO 2-INCHES ABOVE INLET GRATE ELEVATION AT BACK OF CURB.

STA. 853+52 - 853+91 LT CONCRETE BLOCK RETAINING WALL

STA. 853+91 - 854+75 LT CONCRETE CURB PEDESTRIAN

USH 63 STA. 855+46.68 = PARKING ENTRANCE STA. 10+00.00'P5'

USH 63 STA. 857+37.73 = 4TH AVENUE STA. 10+00.00'4A'

STA. 857+99 LT CONSTRUCT CE 35' WIDE

PROPOSED SLOPE INTERCEPT

RIGHT-OF-WAY

TEMP. EASEMENT

PARKING ENTRANCE

1ST STREET

4TH AVENUE

MATCHLINE STA. 850+50

MATCHLINE STA. 858+00

USH 63

N20° 20' 02"E

XCEL ENERGY

SHARED-USE PATH

WE ENERGIES RIGHT-OF-WAY

CHARTER

USH 63 STA. 853+52.99 = PARKING ENTRANCE STA. 10+00.00'P1'

USH 63 STA. 857+16.09 = PARKING ENTRANCE STA. 10+00.00'P2'

PROPOSED SLOPE INTERCEPT

PRELIMINARY

EXISTING GRADE LINE

PROPOSED GRADE LINE

VPC STA 851+00.00 VPC EL 1239.70

VPI STA 852+50.00 VPI EL 1238.30

VPC STA 854+00.00 VPC EL 1238.99

VPT STA 854+00.00 VPT EL 1238.99

VPI STA 855+00.00 VPI EL 1239.46

VPT STA 856+00.00 VPT EL 1238.64

VPC STA 856+84.00 VPC EL 1237.96

VPI STA 857+84.00 VPI EL 1237.15

0.46%

-0.81%

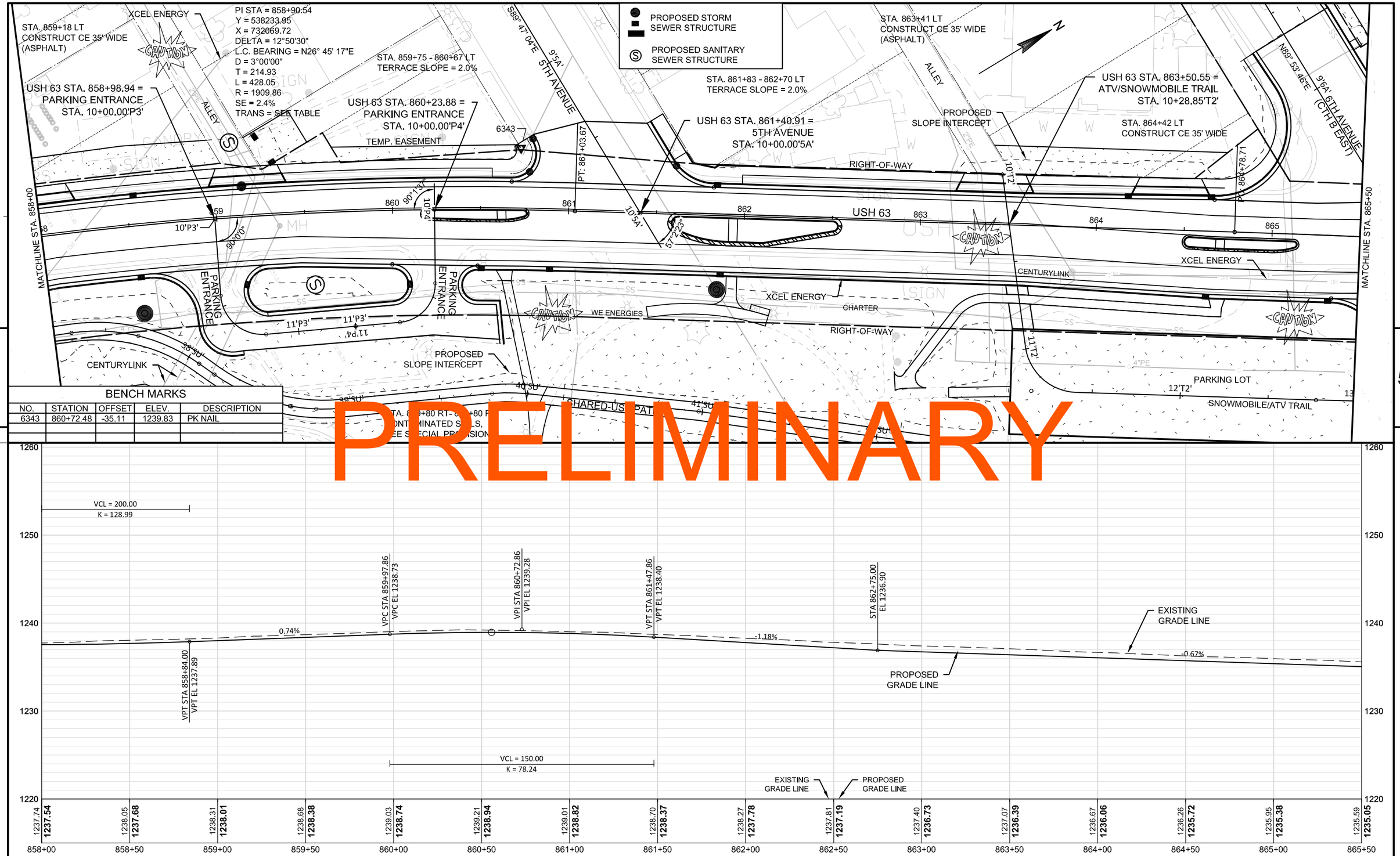
VCL = 156.92

VCL = 200.00 K = 128.99

850+50	851+00	851+50	852+00	852+50	853+00	853+50	854+00	854+50	855+00	855+50	856+00	856+50	857+00	857+50	858+00
1240.32	1240.17	1240.02	1239.70	1239.62	1239.29	1239.32	1239.00	1239.20	1238.82	1239.08	1238.76	1239.13	1238.82	1239.21	1238.99	1239.30	1239.15	1239.19	1239.14	1239.02	1238.97	1238.78	1238.64	1238.42	1238.24	1238.05	1237.84	1237.84	1237.59	1237.74	1237.54

PROJECT NO: 1560-31-71	HWY: USH 63	COUNTY: WASHBURN	PLAN AND PROFILE: USH 63	SHEET	E

FILE NAME : \\NWBESERVER\DRAWINGS\NWBE_PROJECTS\DESIGN\1101_SHELL_LAKE_SS\C3D_12\050102_PP_US63_843-865.DWG PLOT DATE : 9/11/2014 11:35 AM PLOT BY : GARY COLBERT PLOT NAME : PLOT SCALE : 1" = 50'_XREF



BENCH MARKS				
NO.	STATION	OFFSET	ELEV.	DESCRIPTION
6343	860+72.48	-35.11	1239.83	PK NAIL

PRELIMINARY

PROJECT NO: 1560-31-71	HWY: USH 63	COUNTY: WASHBURN	PLAN AND PROFILE: USH 63	SHEET	E

FILE NAME : \\NWBESERVER\DRAWINGS\NWBE_PROJECTS\DESIGN\1101_SHELL_LAKE_SS\C3D_12\050102_PP_US63_843-865.DWG PLOT DATE : 9/11/2014 11:35 AM PLOT BY : GARY COLBERT PLOT NAME : PLOT SCALE : 1" = 50'_XREF
WISDOT/CADDS SHEET 44

PROPOSED STORM SEWER STRUCTURE

PROPOSED SANITARY SEWER STRUCTURE

PI STA = 866+76.83
Y = 538893.59
X = 732500.97
DELTA = 2°58'17"
L.C. CHORD = N34°39'41"E
D = 0°45'00"
T = 198.13
L = 396.17
R = 7639.44
SE = NORMAL CROWN

STA. 866+76 - 868+55 LT
CONCRETE CURB & GUTTER
30-INCH TYPE L

STA. 867+76.0 - 868+29.1 LT
MGS GUARDRAIL TERMINAL EAT

STA. 868+29.1 - 869+41.6 LT
MGS GUARDRAIL 3

STORM SEWER OUTFALL / SLOPE REPAIR
SEE STORM SEWER DETAILS

STA. 868+71.5 - 874+82.5 LT
SALVAGE GUARDRAIL

STA. 869+41.6 - 872+91.6 LT
MGS GUARDRAIL 3 K

STA. 872+91.6 - 874+54.1 LT
MGS GUARDRAIL 3

USH 63 STA.865+77.82 =
6TH AVE STA. 10+00.00'6A' =
PARKING ENTRANCE STA. 10+00.00'P6'

6TH AVENUE (CTH B WEST)

PT STA 868+74.87

TEMP. EASEMENT

RIGHT-OF-WAY

PROPOSED SLOPE INTERCEPT

MATCHLINE STA. 865+50.00

MATCHLINE STA. 873+00.00

866 867 868 869 870 871 872

USH 63

N36°08'49"E

90°00'00"

58°34"

XCEL ENERGIES

USH 63 STA. 869+65.98 =
PLAYGROUND DRIVE STA. 10+00.00'PG'

PLAYGROUND DRIVE 11'P6'

S56°11'11"E

STA. 865+78 - 866+18 RT
REMOVE BUILDING

STA. 867+03 - 867+66 RT
REMOVE BUILDING

CAUTION

PROPOSED SLOPE INTERCEPT

RIGHT-OF-WAY

WE ENERGIES

PARKING ENTRANCE 11'P6'

S56°02'39"E

PARKING LOT

14'T2' 15'T2' 16'T2' 17'T2' 18'T2' 19'T2' 20'T2'

NON-MOBILE TRAIL

46'SU' 47'SU' 48'SU' 50' 51'SU' 52'SU'

SHARED USE PATH

5 5

1260 1260

PRELIMINARY

VCL = 600.00

K = 409.97

1250 1240 1230 1220

EXISTING GRADE LINE

PROPOSED GRADE LINE

VPC STA 866+33.00
VPC EL 1234.49

VPI STA 869+33.00
VPI EL 1232.46

VPT STA 872+33.00
VPT EL 1234.83

EXISTING GRADE LINE

PROPOSED GRADE LINE

| | | |

PROPOSED STORM SEWER STRUCTURE

PROPOSED SANITARY SEWER STRUCTURE

STA. 874+54.1 - 875+07.2 LT
MGS GUARDRAIL TERMINAL EAT

PROPOSED SLOPE INTERCEPT

RIGHT-OF-WAY

STA. 876+92 LT
CONSTRUCT CE.
SEE INTERSECTION DETAILS

TEMP. EASEMENT

STA. 879+38 LT
CONSTRUCT CE 35' WIDE

TEMP. EASEMENT

CENTURYLINK

MATCHLINE STA. 873+00.00

MATCHLINE STA. 880+50.00

873 874 875 USH 63 876 877 878 879 880

N36°08'49"E

USH 63 STA. 874+37.95 =
PETERSON COURT
STA. 10+00.00'PC'

PETERSON COURT

S89°51'11"E

PROPOSED SLOPE INTERCEPT

STA. 876+98
CONSTRUCT CE 35' WIDE
RIGHT-OF-WAY

CENTURYLINK

XCEL ENERGY

STA. 877+48 RT
REMOVE CE

STA. 878+31 RT
REMOVE CE

STA. 879+33 RT
REMOVE CE

COMMERCIAL ENTRANCE
(EARLEY AUTOBODY)

9'C2'

WE ENERGIES

STA. 877+50 - 877+70, RT
CONTAMINATED SOILS, SEE
SPECIAL PROVISIONS

4" PE

21'T2' 22'T2' 23'T2' 24'T2' 25'T2' 26'T2' 27'T2'

53'SU' 54'SU' 55'SU' 56'SU' 58'SU'

11'PC'

ATV / SNOWMOBILE TRAIL

SHARED-USE P

5 5

1260 1260

PRELIMINARY

1250 1250

1240 1240

1230 1230

1220 1220

STA 874+00.00
EL 1236.15

0.79%

1.22%

VPC STA 875+96.00
VPC EL 1238.54

EXISTING GRADE LINE

VPI STA 878+64.00
VPI EL 1241.82

PROPOSED GRADE LINE

VCL = 536.00

K = 502.55

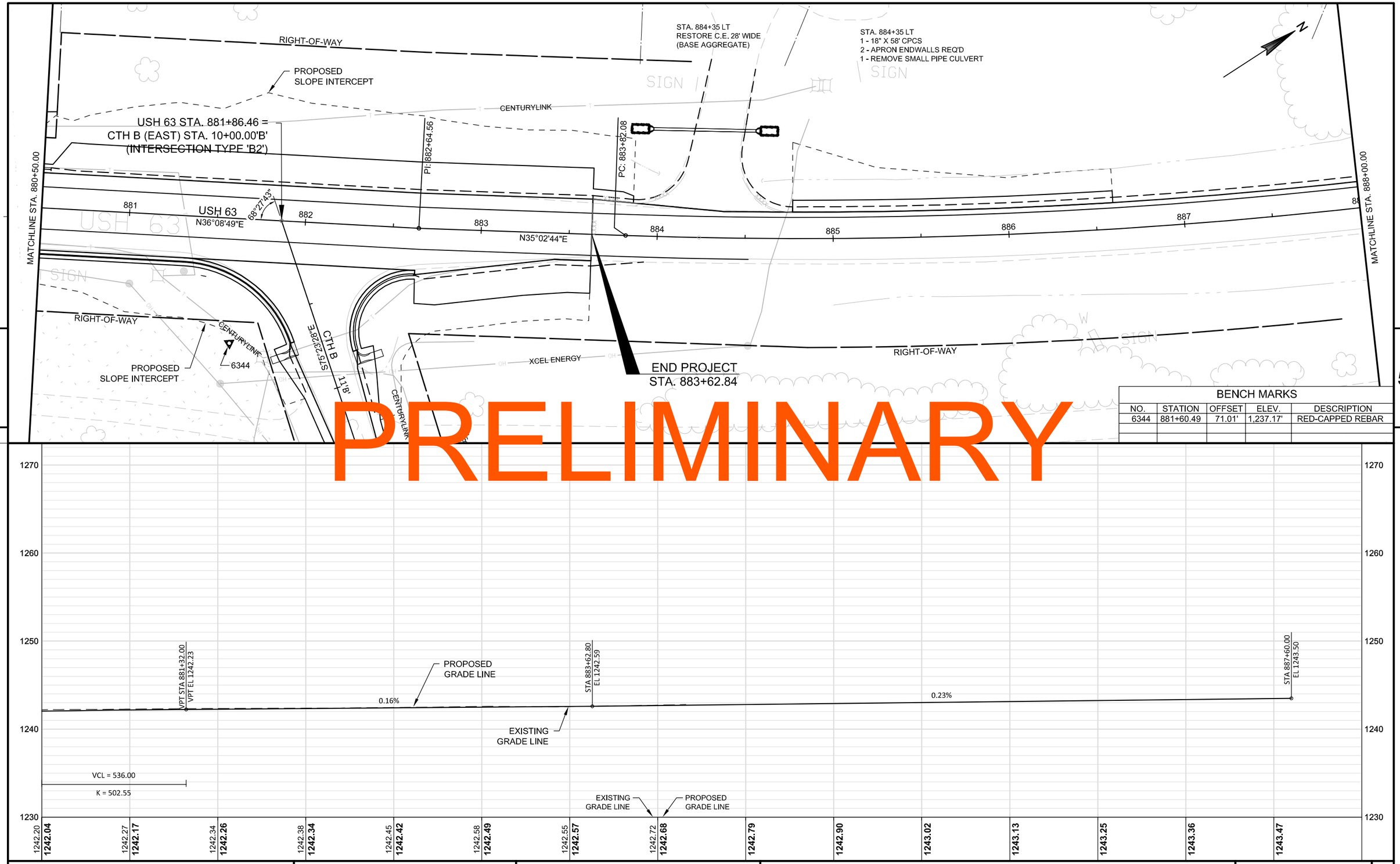
EXISTING GRADE LINE

PROPOSED GRADE LINE

1235.33	1235.71	1236.15	1236.62	1237.20	1237.95	1238.66	1239.28	1239.79	1240.43	1240.73	1241.22	1241.47	1241.93	1242.06	1242.20
1235.36	**1235.75**	**1236.15**	**1236.76**	**1237.37**	**1237.98**	**1238.59**	**1239.17**	**1239.71**	**1240.19**	**1240.62**	**1241.00**	**1241.34**	**1241.62**	**1241.85**	**1242.04**
873+00	873+50	874+00	874+50	875+00	875+50	876+00	876+50	877+00	877+50	878+00	878+50	879+00	879+50	880+00	880+50

PROJECT NO: 1560-31-71	HWY: USH 63	COUNTY: WASHBURN	PLAN AND PROFILE: USH 63	SHEET	E

FILE NAME : \\NWBESERVER\DRAWINGS\NWBE_PROJECTS\DESIGN\1101_SHELL_LAKE_SS\C3D_12\050103_PP_US63_865-884.DWG PLOT DATE : 9/11/2014 11:42 AM PLOT BY : GARY COLBERT PLOT NAME : PLOT SCALE : 1:50_XREF

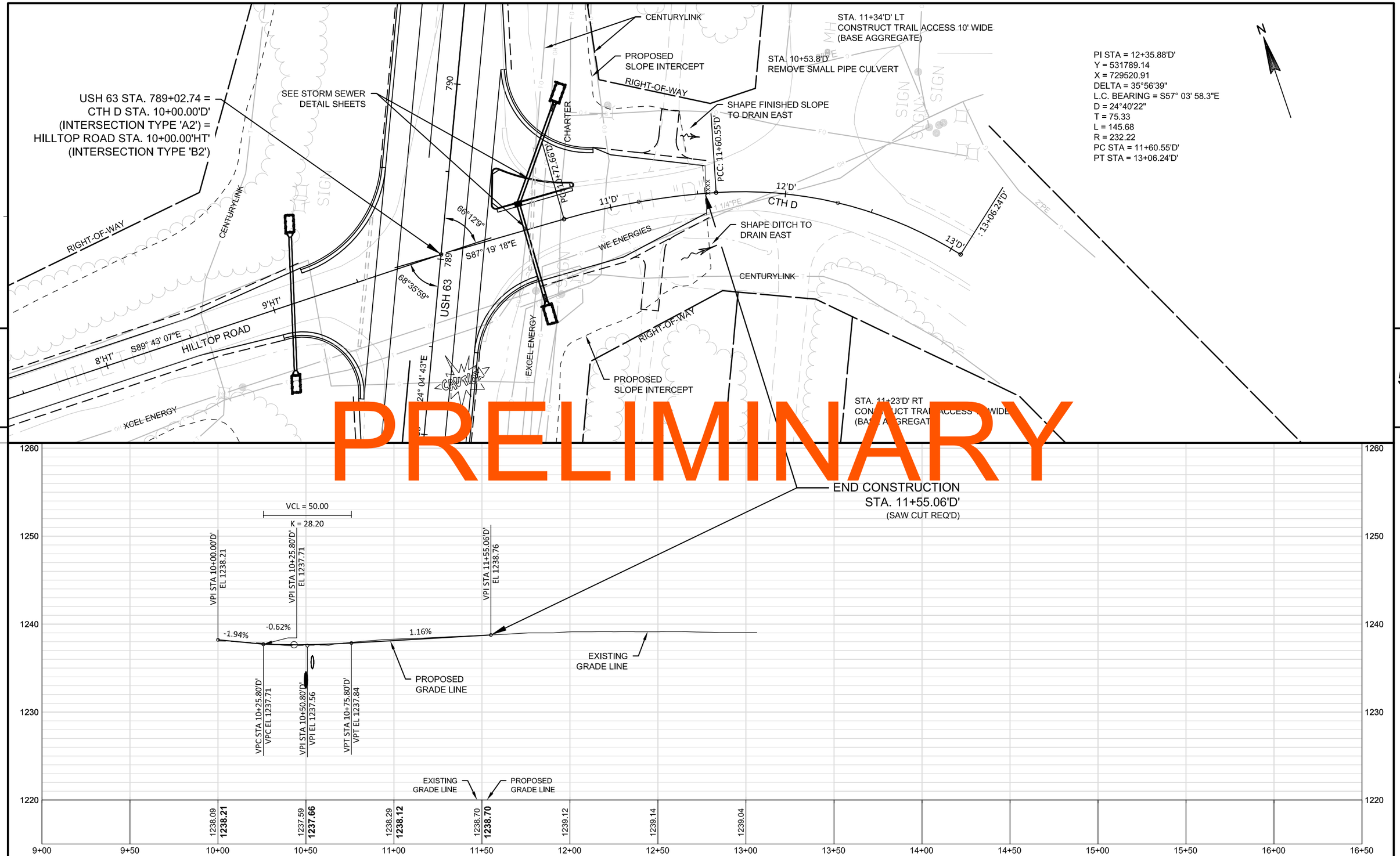


PRELIMINARY

BENCH MARKS				
NO.	STATION	OFFSET	ELEV.	DESCRIPTION
6344	881+60.49	71.01'	1,237.17'	RED-CAPPED REBAR

PROJECT NO: 1560-31-71	HWY: USH 63	COUNTY: WASHBURN	PLAN AND PROFILE: USH 63	SHEET	E

FILE NAME : \\NWBESERVER\DRAWINGS\NWBE_PROJECTS\DESIGN\1101_SHELL_LAKE_SS\C3D_12\050103_PP_US63_865-884.DWG PLOT DATE : 9/11/2014 11:42 AM PLOT BY : GARY COLBERT PLOT NAME : PLOT SCALE : 1:50_XREF
WISDOT/CADDS SHEET 44



PRELIMINARY

PROJECT NO: 1560-31-71	HWY: USH 63	COUNTY: WASHBURN	PLAN AND PROFILE: CTH D	SHEET	E

N

STA. 5+65'HT' LT
CONSTRUCT FE (BASE AGGREGATE)
1 - 12" X 12' CPCS
2 - APRON ENDWALLS REQ'D

STA. 9+11.0'HT'
1 - 18" X 76' CPCS
2 - APRON ENDWALLS REQ'D
SKEW 16°04'07" LHF

STA. 9+55.6'HT'
REMOVE SMALL PIPE CULVERT

USH 63 STA.789+02.74 =
HILLTOP RD STA. 10+00.00'HT'
(INTERSECTION TYPE 'B2')=
CTH D STA. 10+00.00'D'
(INTERSECTIONTYPE 'A2')

PROPOSED SLOPE INTERCEPT
RIGHT-OF-WAY
TEMP. EASEMENT
PI: 6+22.55'HT'
CENTURYLINK
CHARTER
CENTURYLINK
33.6'
32.4'
5'HT'
6'HT'
7'HT'
8'HT'
9'HT'
HILLTOP ROAD
N89° 33' 58"E
S89° 43' 07"E
CAUTION
790
789
788
66° 29"
88°35'59"
PC: 10+66.55'D'
PCC: 11+60.55'D'
S87° 19' 18"E
11'D'
CTH D
12'D'
WE ENERGIES
1 1/4"PE
XCEL ENERGY
TEMP. EASEMENT
RIGHT-OF-WAY
PROPOSED SLOPE INTERCEPT
USH 63
N24° 04' 43"E
XCEL ENERGY
BEGIN CONSTRUCTION
STA. 4+97.00'HT'
(SAW CUT REQ'D)

5

5

PRELIMINARY

1270
1260
1250
1240
1230

VPC STA 4+97.00'HT'
VPC EL 1255.83
-3.24%
VPI STA 6+12.00'HT'
VPI EL 1252.10
EXISTING GRADE LINE
PROPOSED GRADE LINE
VPT STA 7+27.00'HT'
VPT EL 1246.05
-5.26%
VCL = 140.00
K = 32.85
VPC STA 8+02.98'HT'
VPC EL 1242.05
VPI STA 8+72.98'HT'
VPI EL 1238.37
VPT STA 9+42.98'HT'
VPT EL 1237.67
STA 9+59.88
EL 1237.50
STA 9+99.98
EL 1238.21
-1.00%
1.77%
VCL = 230.00
K = 113.83
EXISTING GRADE LINE
PROPOSED GRADE LINE

1264.95	1262.44	1260.10	1257.86	1255.74	**1255.73**	1254.24	**1253.99**	1252.74	**1252.03**	1251.10	**1249.84**	1248.93	**1247.44**	1247.13	**1244.84**	1244.93	**1242.21**	1242.39	**1239.91**	1239.77	**1238.38**	1238.15	**1237.60**	1238.09
3+00	3+50	4+00	4+50	5+00		5+50		6+00		6+50		7+00		7+50		8+00		8+50		9+00		9+50		10+00	10+50

PROJECT NO: 1560-31-71	HWY: USH 63	COUNTY: WASHBURN	PLAN AND PROFILE: HILLTOP ROAD	SHEET	E

FILE NAME : \\NWBESERVER\DRAWINGS\NWBE_PROJECTS\DESIGN\1101_SHELL_LAKE_SS\C3D_12\050105_PP_HILLTOP.DWG PLOT DATE : 9/11/2014 12:11 PM PLOT BY : GARY COLBERT PLOT NAME : PLOT SCALE : 1:50_XREF

STA. 9+36'SE'
EXISTING 18" X 76' CPCM TO REMAIN
CLEANING PIPE CULVERT MINIMAL LT AND RT

USH 63 STA. 808+59.37 =
SCHOOL ENTRANCE STA. 10+00.00'SE'
(INTERSECTION TYPE 'B2')

TEMP. EASEMENT

8'SE' S69° 24' 15"E 9'SE'
SCHOOL ENTRANCE

TEMP. EASEMENT

SHAPE TERRACE WIDTH BEHIND
CURB AS SHOWN IN THE CROSS
SECTIONS

BEGIN CONSTRUCTION
STA. 8+25.40'SE'

PROPOSED
SLOPE
INTERCEPT

RIGHT-OF-WAY

CENTURYLINK

XCEL ENERGY

809

86°31'1"

USH 63
N24° 04' 43"E

808

RIGHT-OF-WAY

PROPOSED
SLOPE INTERCEPT

CHARTER

TEMP. EASEMENT

CENTURYLINK

5

5

PRELIMINARY

VCL = 50.00
K = 40.74

PROPOSED
GRADE LINE

VPI STA 9+73.70'SE'
EL 1237.45

1.55%

2.02%

0.32%

EXISTING
GRADE LINE

VPI STA 8+00.00'SE'
EL 1235.53

VPC STA 8+38.00'SE'
VPC EL 1235.65

VPI STA 8+63.00'SE'
VPI EL 1235.73

VPT STA 8+88.00'SE'
VPT EL 1236.12

VPI STA 10+00.00'SE'
EL 1237.98

EXISTING
GRADE LINE

PROPOSED
GRADE LINE

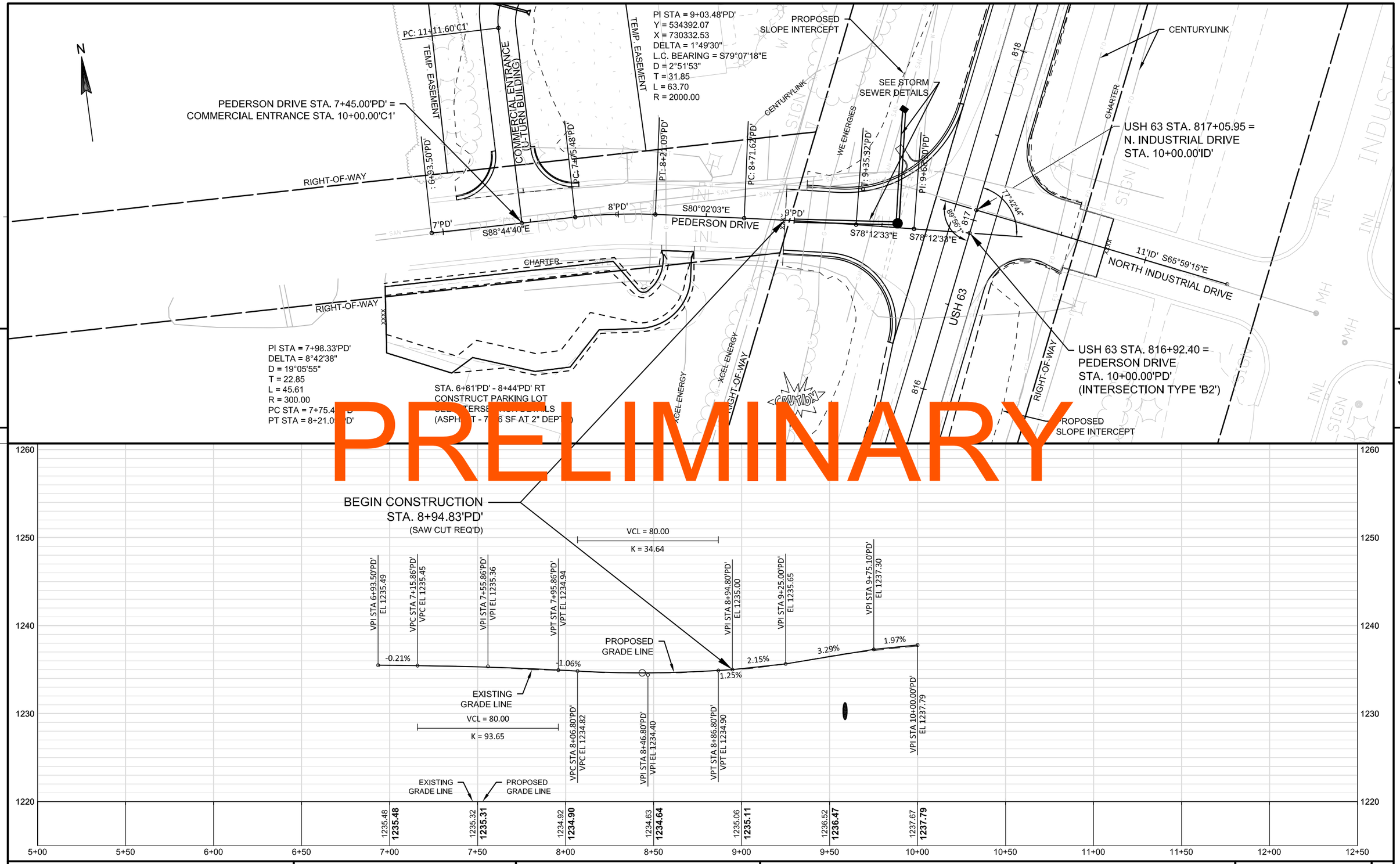
1235.52	1235.53	1235.53	1235.73	1235.71	1236.36	1236.31	1237.14	1237.08	1237.98

1260
1250
1240
1230
1220

5+00 5+50 6+00 6+50 7+00 7+50 8+00 8+50 9+00 9+50 10+00 10+50 11+00 11+50 12+00 12+50

PROJECT NO: 1560-31-71	HWY: USH 63	COUNTY: WASHBURN	PLAN AND PROFILE: SCHOOL ENTRANCE	SHEET E

PRELIMINARY



PROJECT NO: 1560-31-71	HWY: USH 63	COUNTY: WASHBURN	PLAN AND PROFILE: PEDERSON DRIVE	SHEET	E

PEDERSON DRIVE STA. 7+45.00'PD' =
U-TURN ENTRANCE STA. 10+00.00'C1'

PARKING LOT
(SEE INTERSECTION DETAILS)

PI STA = 7+98.33'PD'
Y = 534410.28
X = 730228.88
DELTA = 8°42'38"
L.C. BEARING = S84°23'21"E
D = 19°05'55"
T = 22.85
L = 45.61
R = 300.00

STA. 11+25'C1'
1 - 12" X 34' CPCS
2 - AEW'S REQ'D

PROPOSED
SLOPE INTERCEPT

PI STA = 11+45.32'C1'
Y = 534556.76
X = 730177.30
DELTA = 87°52'22"
L.C. BEARING = N44°37'20"E
D = 163°42'08"
T = 33.72
L = 53.68
R = 35.00

RIGHT-OF-WAY
TEMP. EASEMENT
PC 11+11.60'C1'
TEMP. EASEMENT
N0°41'09"E
11'C1'
COMMERCIAL ENTRANCE
(U-TURN BUILDING)
PT 11+65.27'C1'
N88°33'31"E
11+93.94'C1'
PROPOSED
SLOPE INTERCEPT
TEMP. EASEMENT
RIGHT-OF-WAY
CHARTER
89°25'49"
S88°44'40"E
7'PD'
6+93.50'PD'
PC 7+75.48'PD'
8'PD'
PT 8+21.03'PD'
PEDERSON DRIVE
S80°20'03"E
PC 8+71.62'PD'
XCEL ENERGY
XCEL ENERGY
CENTURYLINK
WE ENERGIES
CAUTION
SIGN
A/C

PRELIMINARY

BEGIN CONSTRUCTION
STA. 10+17.13'C1'

END CONSTRUCTION
STA. 11+83.94'C1'

PROPOSED
GRADE LINE

EXISTING
GRADE LINE

-2.89%
-0.22%
2.63%

VPI STA 10+00.00'C1'
EL 1235.35

VPI STA 10+17.10'C1'
EL 1234.85

VPI STA 11+83.94'C1'
EL 1234.49

VPI STA 11+93.94'C1'
EL 1234.75

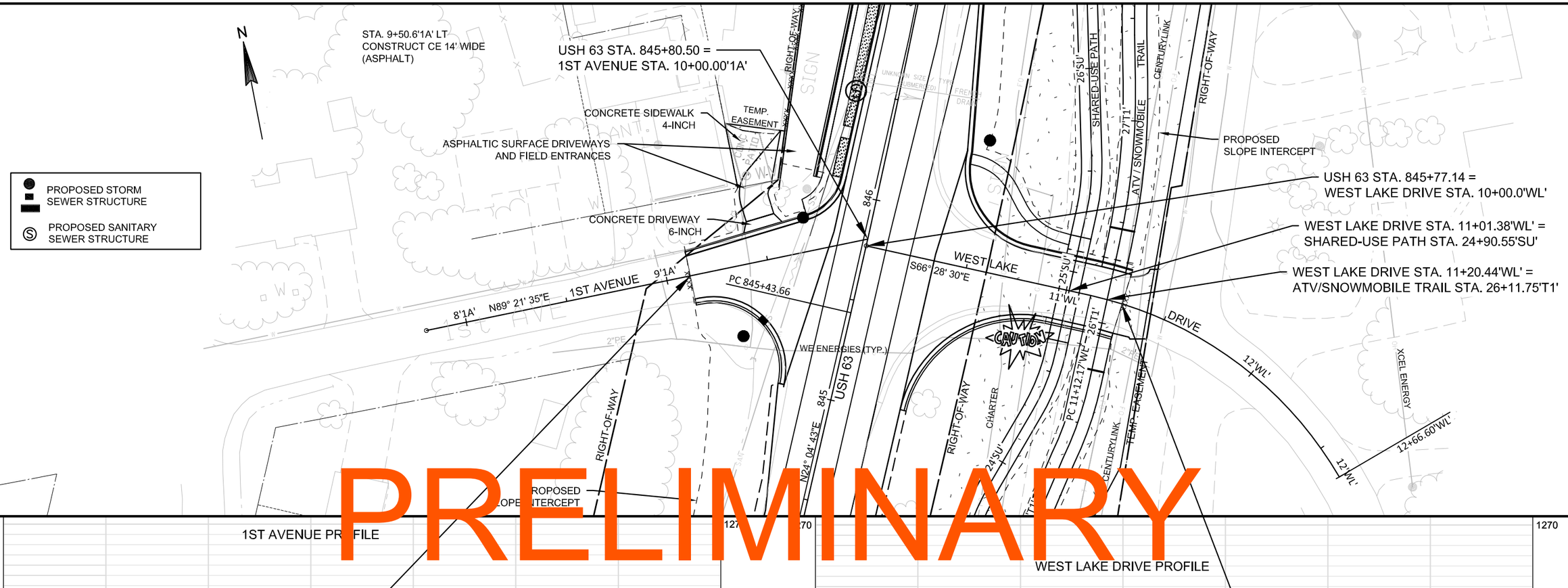
EXISTING GRADE LINE		PROPOSED GRADE LINE	
1235.35	**1235.35**	1236.75	**1234.78**
1233.72	**1234.67**	1233.59	**1234.56**

1260
1250
1240
1230
1220

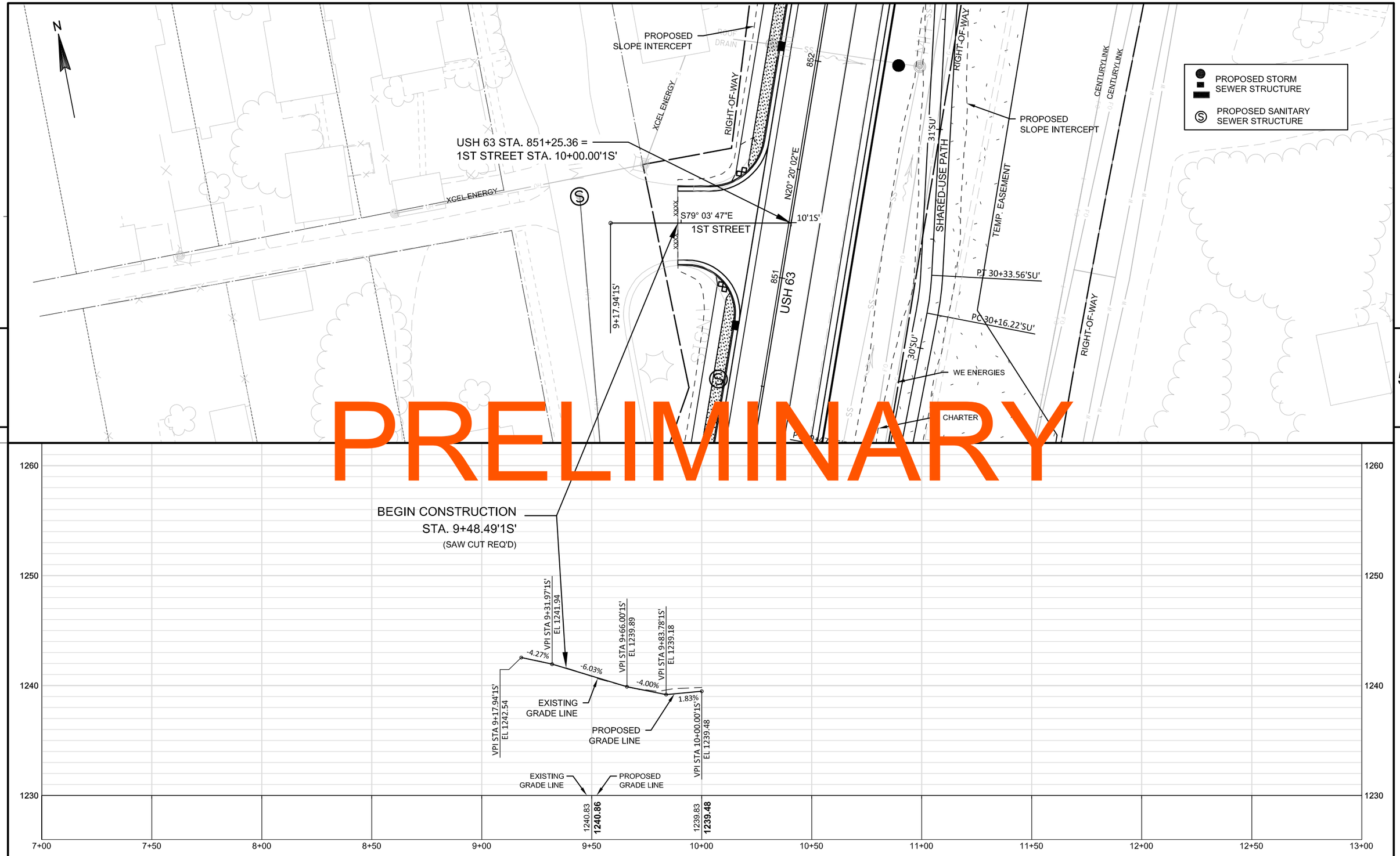
8+00 8+50 9+00 9+50 10+00 10+50 11+00 11+50 12+00 12+50 13+00 13+50 14+00 14+50 15+00 15+50

PROJECT NO: 1560-31-71	HWY: USH 63	COUNTY: WASHBURN	PLAN AND PROFILE: COMMERCIAL ENTRANCE (U-TURN BUILDING)	SHEET	E

FILE NAME : \\NWBESERVER\DRAWINGS\NWBE_PROJECTS\DESIGN\1101_SHELL_LAKE_SS\C3D_12\050108_PP_C1_U-TURN.DWG
PLOT DATE : 7/29/2014 12:29 PM
PLOT BY : GARY COLBERT
PLOT NAME :
PLOT SCALE : 1" = 50'_XREF
WISDOT/CADDS SHEET 44



PROJECT NO: 1560-31-71	HWY: USH 63	COUNTY: WASHBURN	PLAN AND PROFILE: 1ST AVENUE / WEST LAKE DRIVE	SHEET	E



PROJECT NO: 1560-31-71	HWY: USH 63	COUNTY: WASHBURN	PLAN AND PROFILE: 1ST STREET	SHEET	E

PROPOSED STORM SEWER STRUCTURE

PROPOSED SANITARY SEWER STRUCTURE

N

PROPOSED SLOPE INTERCEPT

TEMP. EASEMENT

RIGHT-OF-WAY

PARKING ENTRANCE

S69° 39' 58"E

9+03.10'P5'

4TH AVENUE

S89° 44' 20"E

PC: 836+75.61

853 854 N20° 20' 02"E 855 856 857 858

USH 63

USH 63 STA. 853+52.99 = PARKING ENTRANCE STA. 10+00.00'P1'

USH 63 STA. 855+46.68 = PARKING ENTRANCE STA. 10+00.00'P5'

USH 63 STA. 857+16.10 = PARKING ENTRANCE STA. 10+00.00'P2'

S89° 15' 03"E

XCEL ENERGY

32'SU' 33'SU' 34'SU' 35'SU' 36'SU' 37'SU'

SHARED-USE PATH

CHARTER

WE ENERGIES

CAUTION

5

5

+82.81'P1

TEMP. EASEMENT

PRELIMINARY

'P1' PROFILE

END CONSTRUCTION STA. 10+60.00'P1' (SAW CUT REQ'D)

VPI STA 9+99.90'P1' EL 1238.83

VPC STA 10+42.69 VPC EL 1237.97

VPI STA 10+62.69 VPI EL 1237.57

VPT STA 10+82.69 VPT EL 1234.79

VPI STA 10+82.81'P1' EL 1234.77

-2.00%

-13.91%

EXISTING GRADE LINE

PROPOSED GRADE LINE

VCL = 40.00

K = 3.36

1239.14 **1238.83**

1237.81 **1237.75**

9+50 10+00 10+50 11+00

1250 1240 1230 1220

'P5' PROFILE

BEGIN CONSTRUCTION STA. 9+60.00'P5' (SAW CUT REQ'D)

VPI STA 9+07.66'P5' EL 1244.64

VPI STA 9+29.01'P5' EL 1243.41

VPI STA 9+74.00'P5' EL 1239.08

VPI STA 10+00.00'P5' EL 1238.98

VPI STA 9+56.39'P5' EL 1240.63

VPI STA 9+84.00'P5' EL 1238.68

-5.76%

-10.16%

-8.78%

-4.00%

1.88%

PROPOSED GRADE LINE

EXISTING GRADE LINE

1241.25 **1241.28**

1239.03 **1238.98**

9+00 9+50 10+00 10+50

1260 1250 1240 1230

'P2' PROFILE

END CONSTRUCTION STA. 10+65.00'P2' (SAW CUT REQ'D)

VPI STA 10+00.00'P2' EL 1237.75

VPI STA 10+31.78'P2' EL 1237.11

VPI STA 10+65.00'P2' EL 1236.43

-2.00%

-2.04%

EXISTING GRADE LINE

PROPOSED GRADE LINE

1237.98 **1237.75**

1237.01 **1236.74**

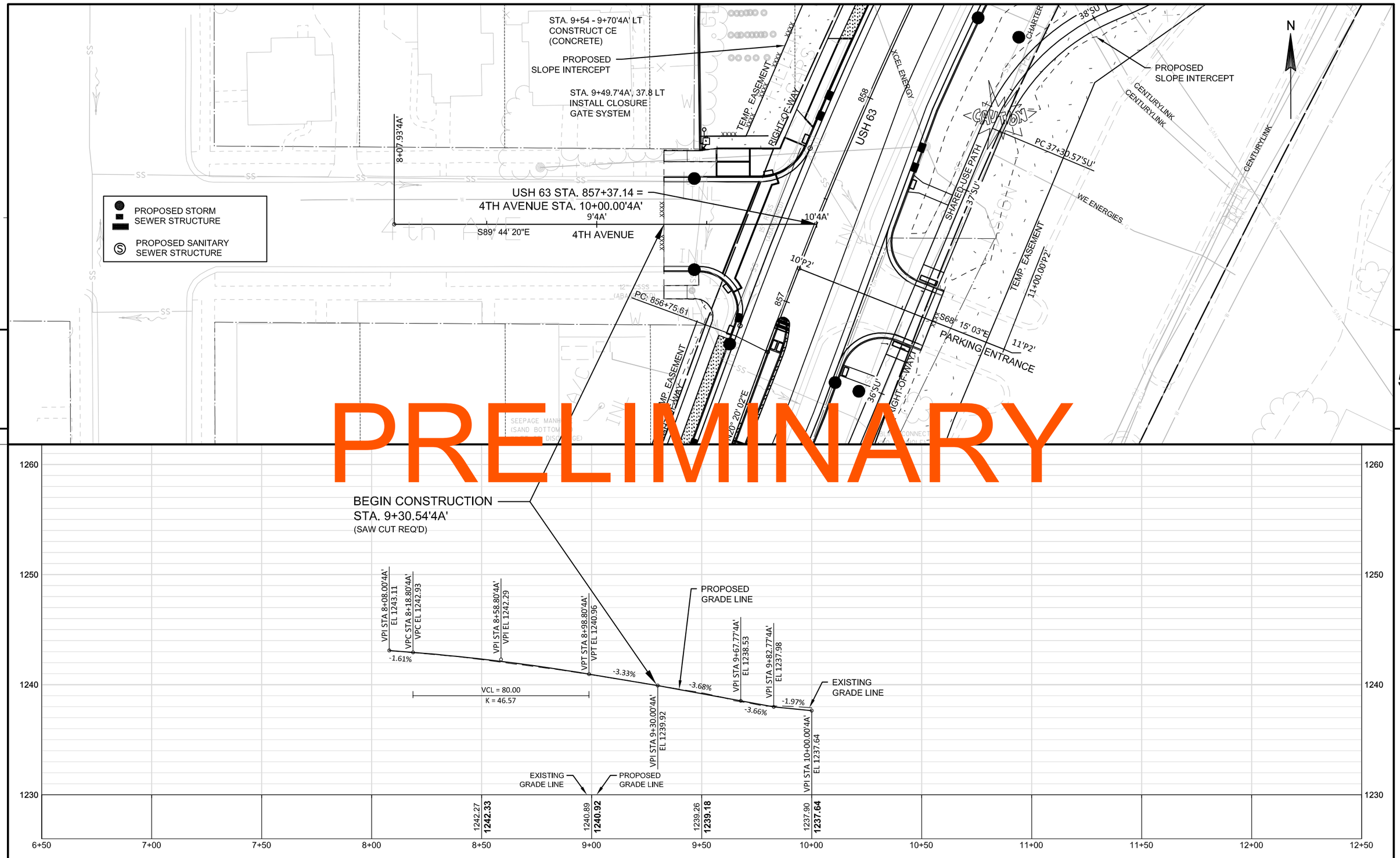
1234.94

9+50 10+00 10+50 11+00

1250 1240 1230 1220

PROJECT NO: 1560-31-71	HWY: USH 63	COUNTY: WASHBURN	PLAN AND PROFILE: PARKING ENTRANCE P1, P2, AND P5	SHEET E

FILE NAME : \\NWBESERVER\DRAWINGS\NWBE_PROJECTS\DESIGN\1101_SHELL_LAKE_SS\C3D_12\050111_PP_PARK1-2_5.DWG PLOT DATE : 9/11/2014 12:50 PM PLOT BY : GARY COLBERT PLOT NAME : PLOT SCALE : 1:40_XREF



PROJECT NO: 1560-31-71	HWY: USH 63	COUNTY: WASHBURN	PLAN AND PROFILE: 4TH AVENUE	SHEET	E

FILE NAME : \\NWBESERVER\DRAWINGS\NWBE_PROJECTS\DESIGN\1101_SHELL_LAKE_SS\C3D_12\050112_PP_4TH_AVE.DWG PLOT DATE : 9/11/2014 12:56 PM PLOT BY : GARY COLBERT PLOT NAME : PLOT SCALE : 1:40_XREF

PROPOSED SLOPE INTERCEPT

PC: 856+75.61

4TH AVENUE

RIGHT-OF-WAY

TEMP. EASEMENT

9TH AVENUE

PT: 861+03.67

USH 63 STA. 585+98.93 =
PARKING ENTRANCE STA. 10+00.00'P3'

857 858 859 860 861 862

N20° 20' 02"E

USH 63

XCEL ENERGY

S62° 57' 59"E

USH 63 STA. 860+23.88 =
PARKING ENTRANCE STA. 10+00.00'P4'

10'P4'

N33° 10' 32"E

10'SA'

S39° 13' 04"E

PC 10+43.76'P3'

PT 10+81.40'P3'

N26° 13' 59"E

PARKING ENTRANCE

PC 10+41.88'P4'

SHARED-USE PATH

36'SU'

37'SU'

11'P3'

11'P3'

PARKING ENTRANCE

CHARTER

RIGHT-OF-WAY

38'SU'

PARKING ENTRANCE

11'P2'

11+00.00'P2'

WE ENERGIES

PT 10+24.69'P4'

39'SU'

40'SU'

XCEL ENERGY

41'SU'

CENTURYLINK

CENTURYLINK

TEMP. EASEMENT

PROPOSED SLOPE INTERCEPT

PROPOSED STORM SEWER STRUCTURE

PROPOSED SANITARY SEWER STRUCTURE

5

5

PRELIMINARY

END CONSTRUCTION
STA. 11+32.49'P3'

'P3' PROFILE

VPI STA 10+00.00'P3'
EL 1238.00

VPI STA 10+38.00'P3'
EL 1237.28

VPI STA 10+83.40'P3'
EL 1238.01

VPI STA 11+32.49'P3'
EL 1238.47

VPI STA 10+27.97'P3'
EL 1237.33

-2.41%

0.50%

1.62%

0.93%

EXISTING GRADE LINE

PROPOSED GRADE LINE

EXISTING GRADE LINE

PROPOSED GRADE LINE

1238.29 **1238.00**

1237.85 **1237.47**

1238.26 **1238.17**

'P4' PROFILE

END CONSTRUCTION
STA. 11+00.00'P4'

VPI STA 9+99.87'P4'
EL 1238.88

VPI STA 10+42.51'P4'
EL 1238.07

VPI STA 10+81.80'P4'
EL 1238.64

VPI STA 11+00.00'P4'
EL 1238.47

VPI STA 10+31.49'P4'
EL 1238.12

-2.40%

-0.50%

1.45%

-0.93%

EXISTING GRADE LINE

PROPOSED GRADE LINE

EXISTING GRADE LINE

PROPOSED GRADE LINE

1239.16 **1239.16**

1238.47 **1238.47**

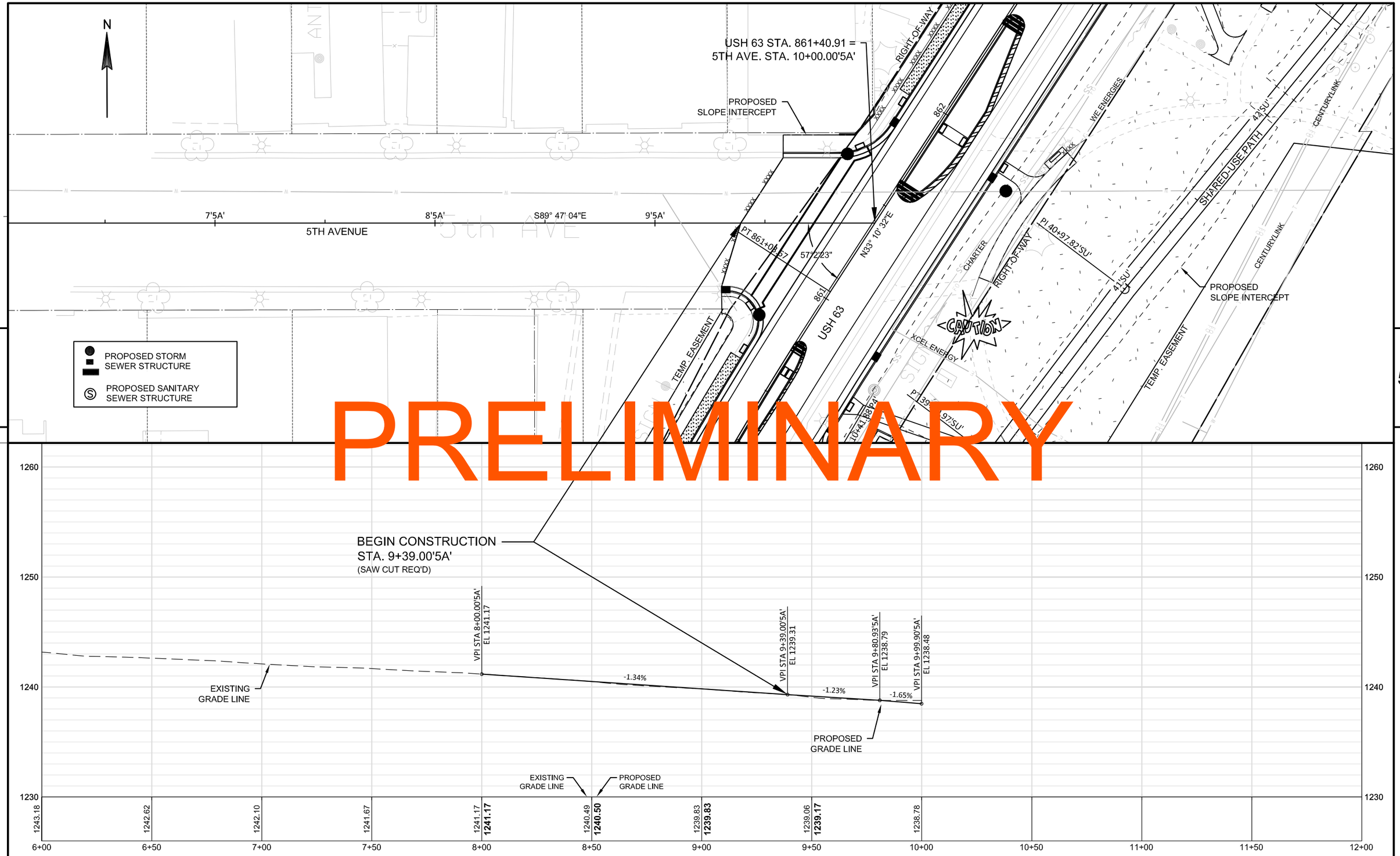
1238.47 **1238.47**

1260 1250 1240 1230

9+50 10+00 10+50 11+00 11+50 12+00 12+40

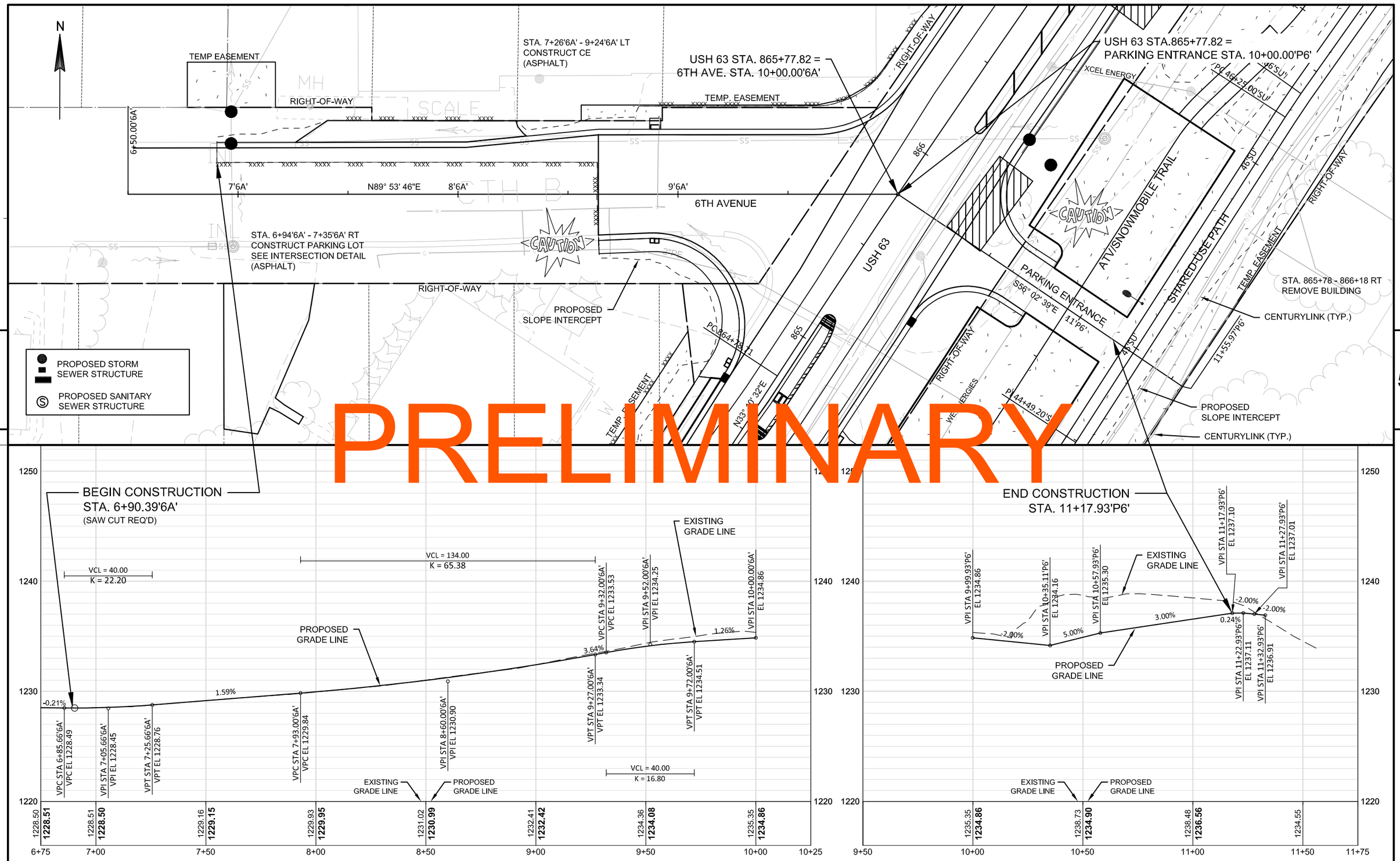
PROJECT NO: 1560-31-71	HWY: USH 63	COUNTY: WASHBURN	PLAN AND PROFILE: PARKING ENTRANCE 'P3' & 'P4'	SHEET	E

FILE NAME : \\NWBESERVER\DRAWINGS\NWBE_PROJECTS\DESIGN\1101_SHELL_LAKE_SS\C3D_12\050113_PP_PARK3-4.DWG PLOT DATE : 9/11/2014 1:07 PM PLOT BY : GARY COLBERT PLOT NAME : PLOT SCALE : 1:40_XREF



PRELIMINARY

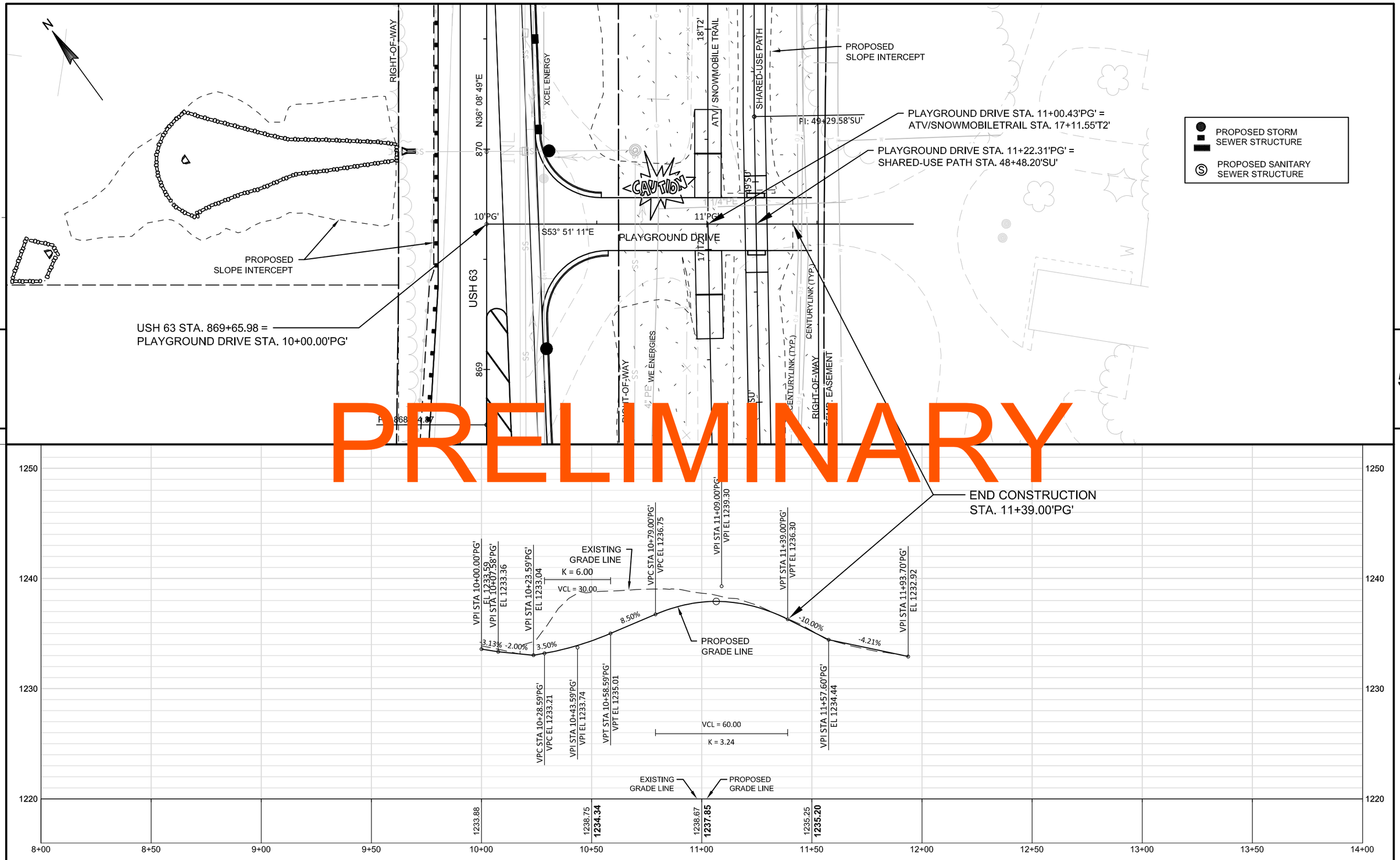
PROJECT NO: 1560-31-71	HWY: USH 63	COUNTY: WASHBURN	PLAN AND PROFILE: 5TH AVENUE	SHEET	E



PRELIMINARY

PROJECT NO: 1560-31-71	HWY: USH 63	COUNTY: WASHBURN	PLAN AND PROFILE: 6TH AVENUE/PARKING ENTRANCE 'R6'	SHEET E

PRELIMINARY



PROJECT NO: 1560-31-71	HWY: USH 63	COUNTY: WASHBURN	PLAN AND PROFILE: PLAYGROUND DRIVE - STAGE 4	SHEET	E

PROPOSED
SLOPE INTERCEPT

STA. 874+82
SEE STORM SEWER DETAILS

LOT LINE

RIGHT-OF-WAY

875

N36° 08' 49"E

874

USH 63

XCEL ENERGY

CENTURYLINK (TYP.)

ATV / SNOWMOBILE TRAIL

54'SU'

SHARED-USE PATH

53'SU'

TEMP. EASEMENT

CENTURYLINK (TYP.)

RIGHT-OF-WAY

RIGHT-OF-WAY

PROPOSED STORM SEWER STRUCTURE

PROPOSED SANITARY SEWER STRUCTURE

PROPOSED
SLOPE INTERCEPT

PETERSON COURT STA. 10+98.52'PC' =
SHARED-USE PATH STA. 53+57.58'SU'

22'T2'

2"PE

10'PC'

PETERSON COURT

S53° 51' 11"E

11'PC'

<CAUTION>

USH 63 STA. 874+37.95 =
PETERSON COURT STA. 10+00.00'PC'

PETERSON COURT STA. 10+83.51'PC' =
ATV/SNOWMOBILE TRAIL STA. 21+84.54'T2'

W ENE ES

53'T2'

END CONSTRUCTION
STA. 11+08.00'PC'

PRELIMINARY

VCL = 30.00

K = 17.79

STA 10+16.00
EL 1236.29

EXISTING
GRADE LINE

VPC STA 10+66.00'PC'
VPC EL 1237.13

VPI STA 10+87.00'PC'
VPI EL 1237.59

VPT STA 11+08.00'PC'
VPT EL 1237.06

VPI STA 11+28.00
EL 1236.55

0.50%

2.19%

-2.54%

-2.00%

VPI STA 10+00.00
EL 1236.61

PROPOSED
GRADE LINE

VPC STA 10+16.00'PC'
VPC EL 1236.29

VPI STA 10+31.00'PC'
VPI EL 1236.37

VPT STA 10+46.00'PC'
VPT EL 1236.70

VCL = 42.00

K = 8.89

EXISTING
GRADE LINE

PROPOSED
GRADE LINE

1236.51
1236.61

1237.06
1236.78

1237.32
1237.23

1250
1240
1230
1220

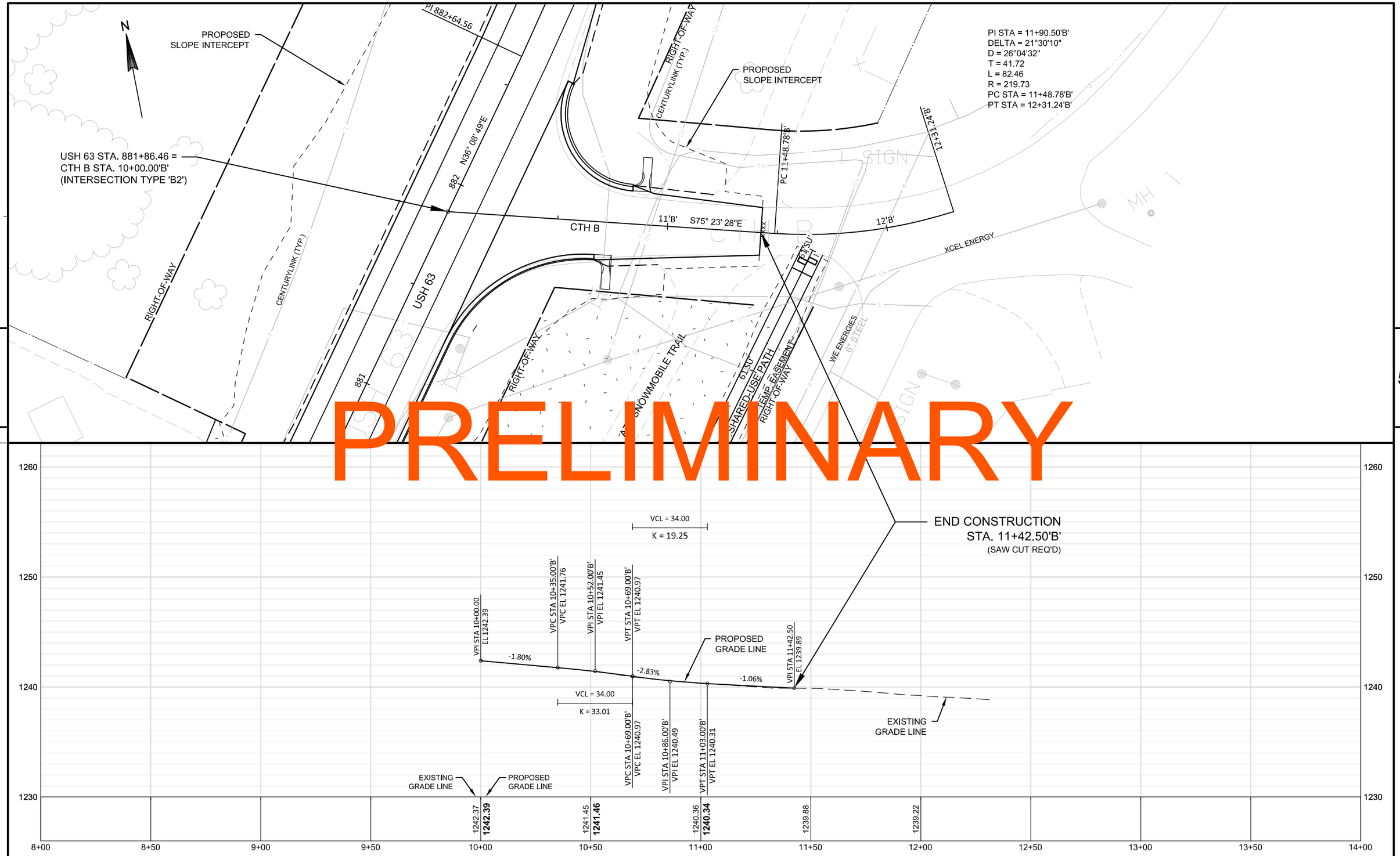
8+00
8+50
9+00
9+50
10+00
10+50
11+00
11+50
12+00
12+50
13+00
13+50
14+00

5

5

PROJECT NO: 1560-31-71	HWY: USH 63	COUNTY: WASHBURN	PLAN AND PROFILE: PETERSON COURT - STAGE 4	SHEET	E

FILE NAME : \\NWBESERVER\DRAWINGS\NWBE_PROJECTS\DESIGN\1101_SHELL_LAKE_SS\C3D_12\050117_PP_PETERSON.DWG
PLOT DATE : 9/11/2014 1:49 PM
PLOT BY : GARY COLBERT
PLOT NAME :
PLOT SCALE : 1:40_XREF



PRELIMINARY

PROJECT NO: 1560-31-71	HWY: USH 63	COUNTY: WASHBURN	PLAN AND PROFILE: CTH B	SHEET E

STA. 10+00.00'SU'=
INDUSTRIAL BLVD STA. 11+06.50'IB'

PROPOSED STORM SEWER STRUCTURE

PROPOSED SANITARY SEWER STRUCTURE

USH 63

STA. 10+25'SU'
1 - 12" X 42' CPCS
2 - AEW'S REQ'D

PROPOSED SLOPE INTERCEPT

STA. 836+05
SEE STORM SEWER DETAILS

MATCHLINE STA. 17+50

INDUSTRIAL BLVD

CENTURYLINK

RIGHT-OF-WAY

SHARED-USE PATH

CHARTER

WE ENERGIES

4"PE

ATV / SNOWMOBILE TRAIL

TEMP. EASEMENT

CONCRETE SIDEWALK 4"

CAUTION

BEGIN CONSTRUCTION
STA. 10+11.20'SU'

PROPOSED SLOPE INTERCEPT

CENTRUYLINK

PRELIMINARY

VPI STA 10+00.00
EL 1241.57

VPC STA 12+10.00'SU'
VPC EL 1243.18

VPI STA 12+60.00'SU'
VPI EL 1243.58

VPT STA 13+10.00'SU'
VPT EL 1243.65

VCL = 100.00
K = 28.30

VPC STA 17+00.00'SU'
VPC EL 1247.74

VPI STA 17+50.00'SU'
VPI EL 1249.98

0.81%

1.19%

0.76%

0.14%

3.68%

PROPOSED GRADE LINE

EXISTING GRADE LINE

VCL = 100.00
K = 150.80

VCL = 100.00
K = 27.15

VPI STA 10+11.00
EL 1241.66

VPI STA 10+15.00
EL 1241.61

VPC STA 15+50.00'SU'
VPC EL 1243.99

VPI STA 16+00.00'SU'
VPI EL 1244.06

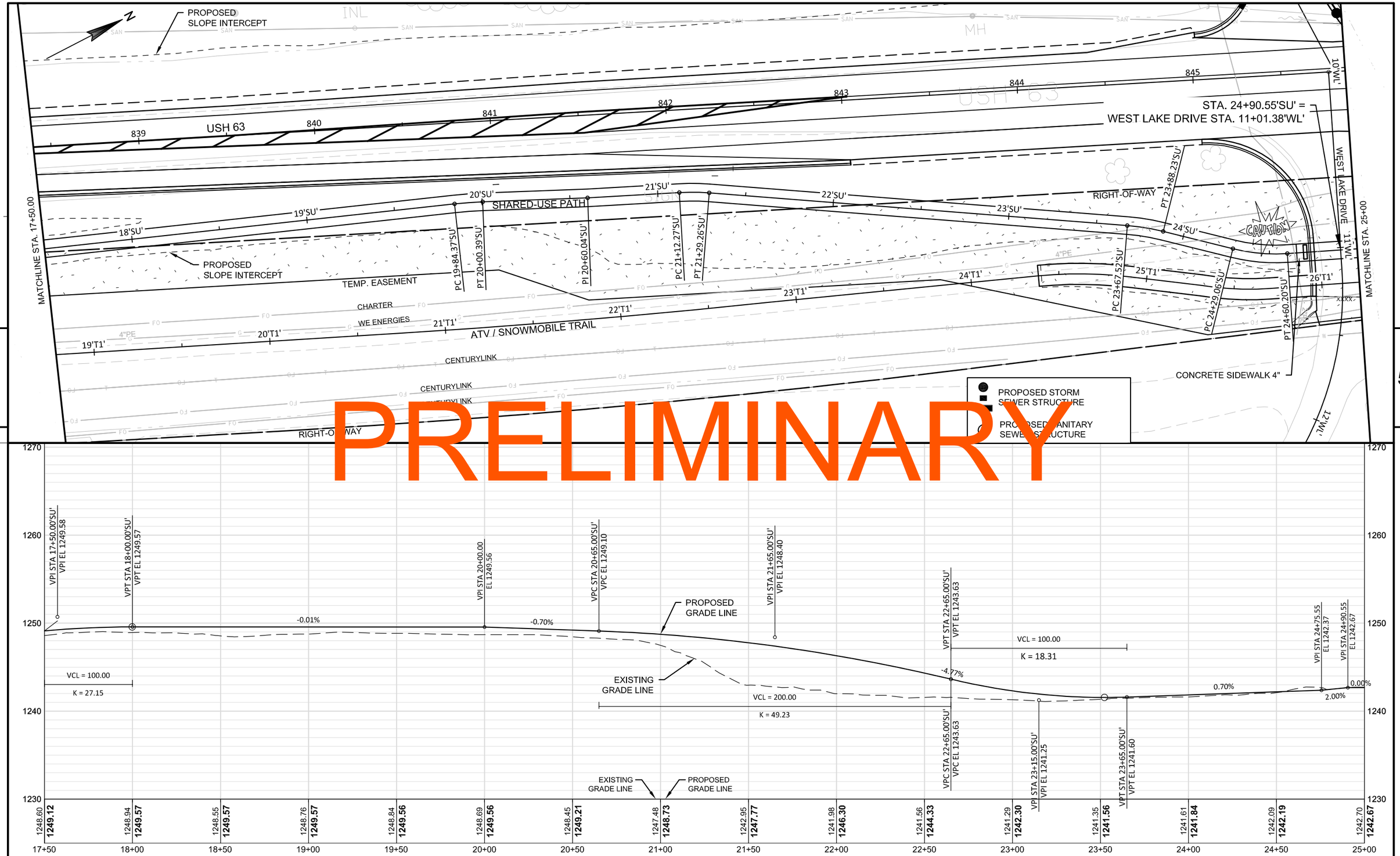
VPT STA 16+50.00'SU'
VPT EL 1245.90

1241.57	1240.16	1240.61	1241.76	1242.58	1243.36	1243.49	1243.45	1243.52	1242.87	1241.88	1242.12	1244.12	1245.56	1247.65	1248.60
1241.57	**1241.89**	**1242.29**	**1242.70**	**1243.10**	**1243.45**	**1243.63**	**1243.71**	**1243.78**	**1243.85**	**1243.92**	**1243.99**	**1244.51**	**1245.90**	**1247.74**	**1249.12**

10+00	10+50	11+00	11+50	12+00	12+50	13+00	13+50	14+00	14+50	15+00	15+50	16+00	16+50	17+00	17+50

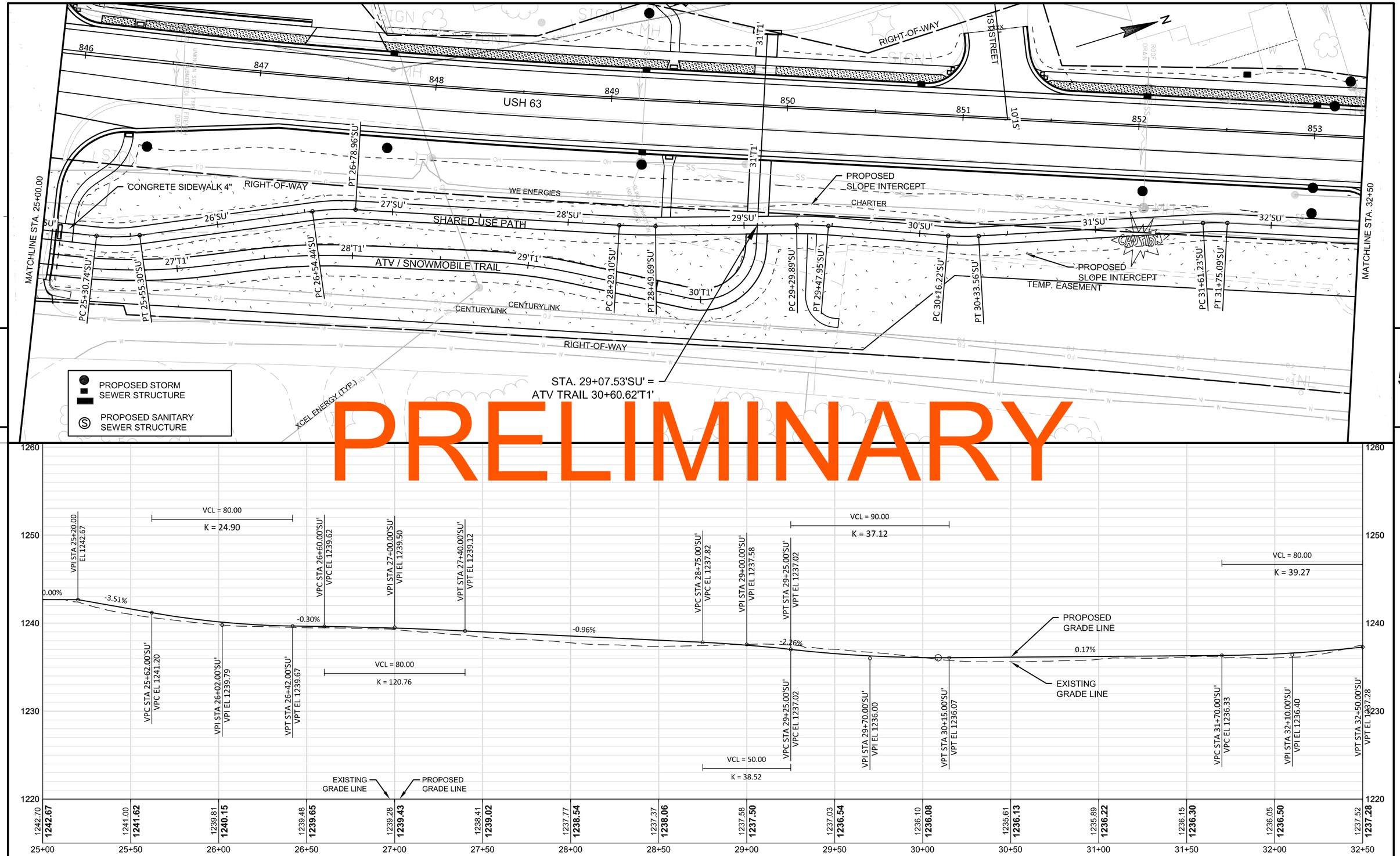
PROJECT NO: 1560-31-71	HWY: USH 63	COUNTY: WASHBURN	PLAN AND PROFILE: SHARED-USE PATH	SHEET	E

FILE NAME : \\NWBESERVER\DRAWINGS\NWBE_PROJECTS\DESIGN\1101_SHELL_LAKE_SS\C3D_12\050119_PP_SHARED_USE.DWG
PLOT DATE : 9/11/2014 2:46 PM
PLOT BY : GARY COLBERT
PLOT NAME :
PLOT SCALE : 1" = 50'_XREF
WISDOT/CADDS SHEET 44



PROJECT NO: 1560-31-71	HWY: USH 63	COUNTY: WASHBURN	PLAN AND PROFILE: SHARED-USE PATH	SHEET	E

FILE NAME : \\NWBESERVER\DRAWINGS\NWBE_PROJECTS\DESIGN\1101_SHELL_LAKE_SS\C3D_12\050119_PP_SHARED_USE.DWG PLOT DATE : 9/11/2014 2:47 PM PLOT BY : GARY COLBERT PLOT NAME : PLOT SCALE : 1" = 50'_XREF



PRELIMINARY

PROJECT NO: 1560-31-71	HWY: USH 63	COUNTY: WASHBURN	PLAN AND PROFILE: SHARED-USE PATH	SHEET	E

PROPOSED STORM SEWER STRUCTURE

PROPOSED SANITARY SEWER STRUCTURE

STA. 32+74.95'SU' =
PARKING ENTRANCE STA. 10+52.00'P1'

STA. 36+39.10'SU' =
PARKING ENTRANCE STA. 10+56.40'P2'

USH 63

4TH AVE.

TEMP. EASEMENT

XCEL ENERGY (TYP.)

PARKING ENTRANCE

SHARED-USE PATH

CHARTER

RIGHT-OF-WAY

CONCRETE SIDEWALK 4"

STA. 33+25'SU' - 33+50'SU' RT
CONSTRUCT RETAINING WALL

MATCHLINE STA. 32+50.00

MATCHLINE STA. 40+00

PROPOSED SLOPE INTERCEPT

WE ENERGIES (TYP.)

CENTURYLINK (TYP.)

CENTURYLINK

XCEL ENERGY

PRELIMINARY

VCL = 40.00
K = 6.25

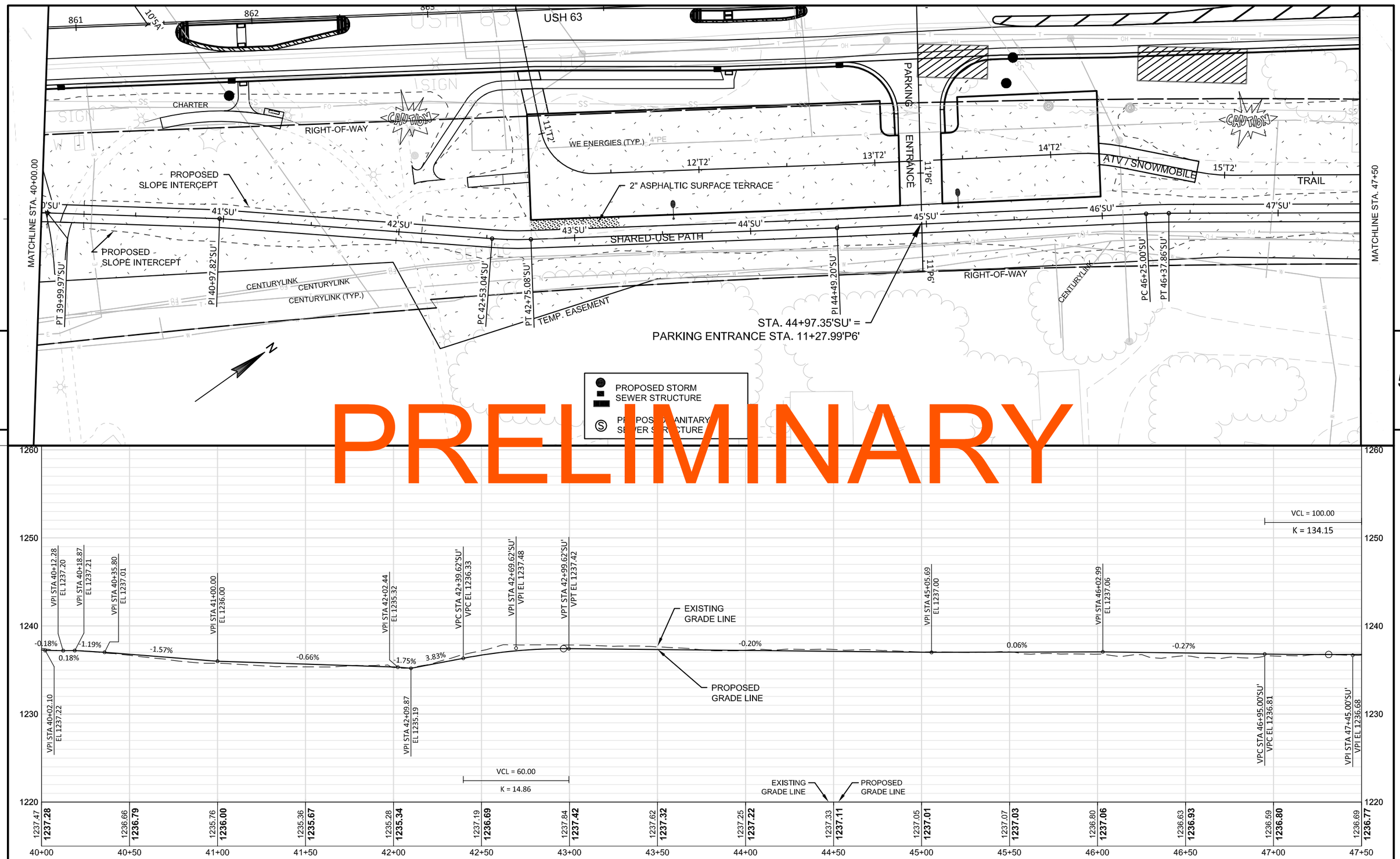
VCL = 66.00
K = 15.57

VCL = 37.39
K = 25.20

EXISTING GRADE LINE

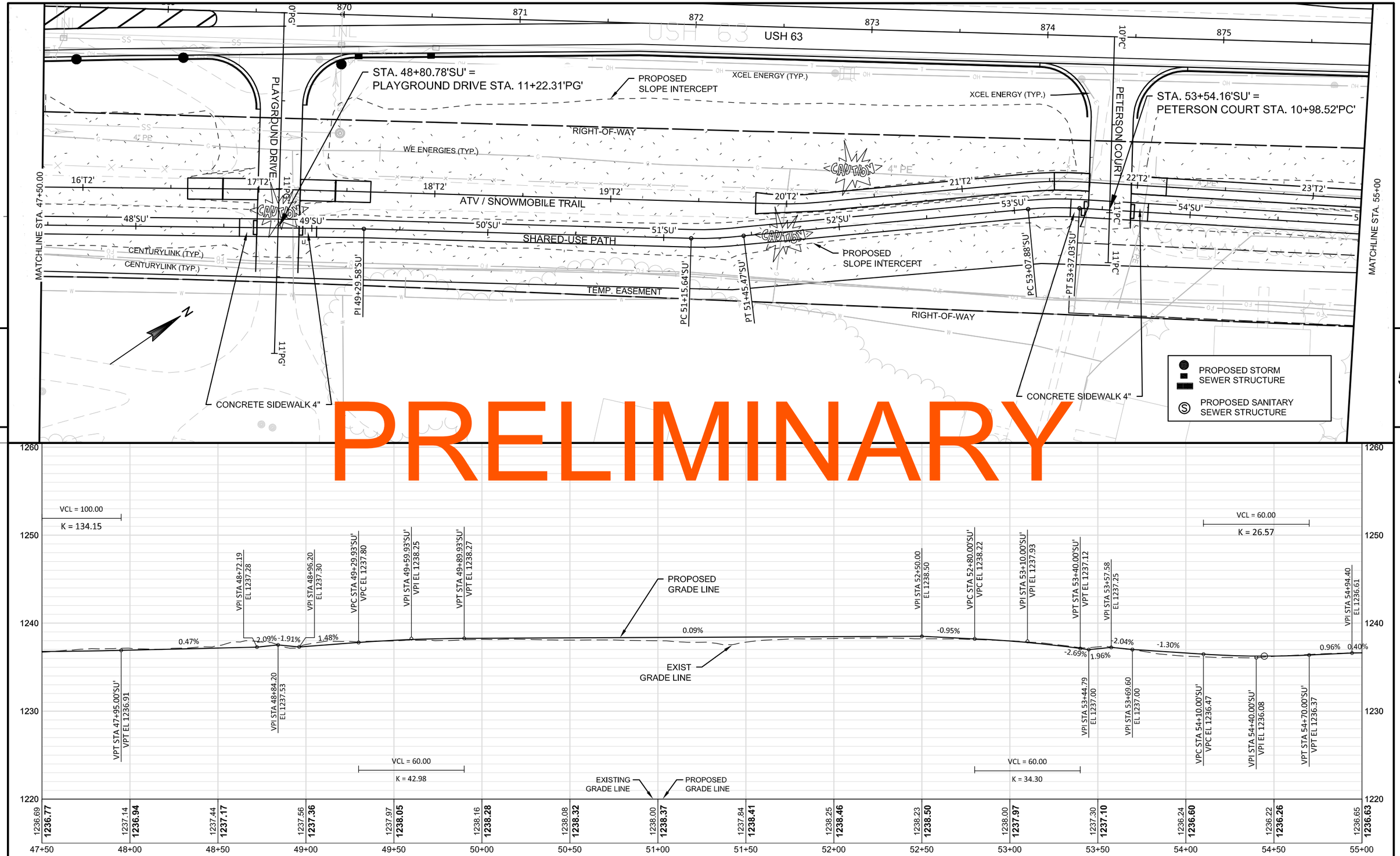
PROPOSED GRADE LINE

PROJECT NO: 1560-31-71	HWY: USH 63	COUNTY: WASHBURN	PLAN AND PROFILE: SHARED-USE PATH	SHEET E



PRELIMINARY

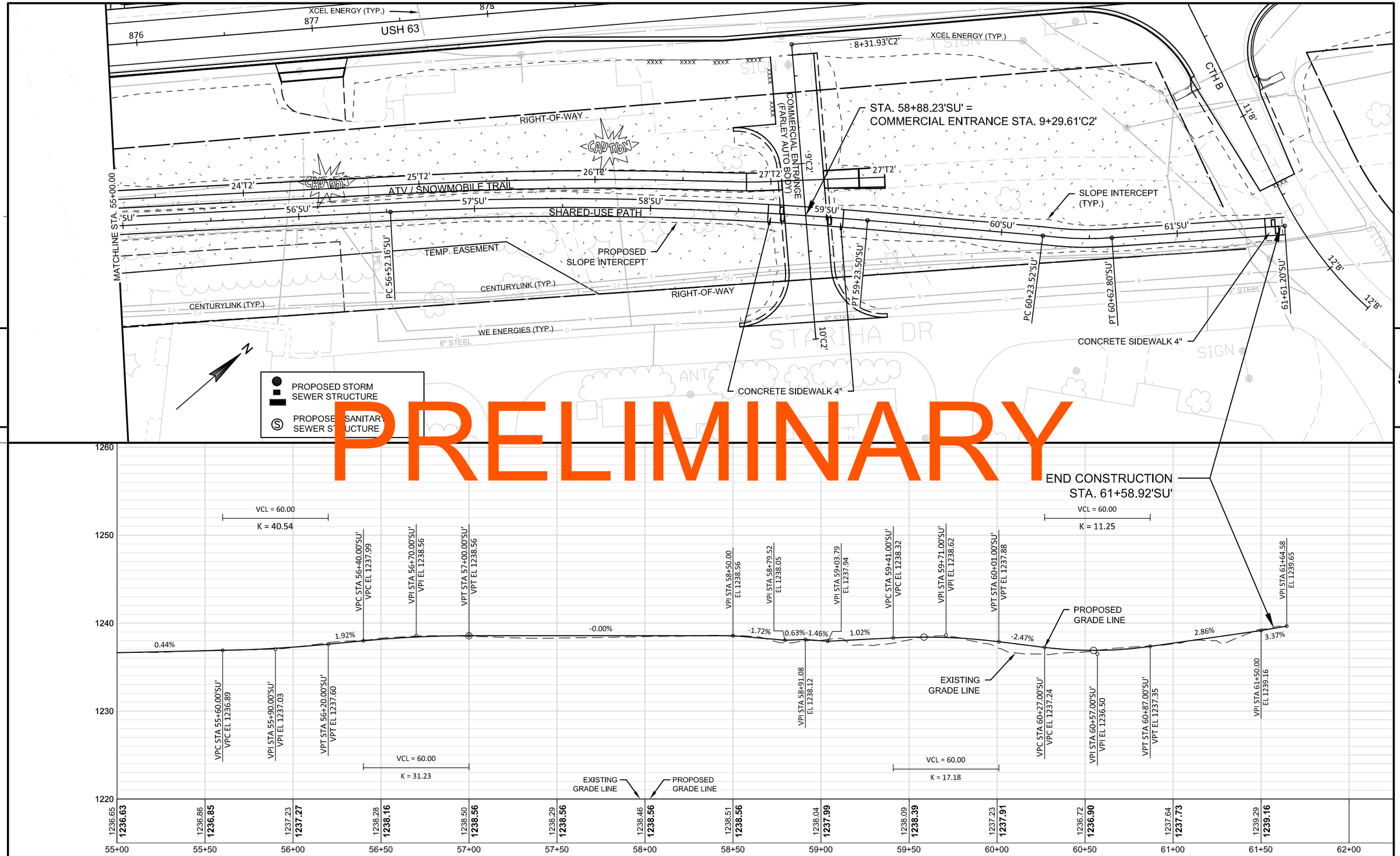
PROJECT NO: 1560-31-71	HWY: USH 63	COUNTY: WASHBURN	PLAN AND PROFILE: SHARED-USE PATH	SHEET E



PRELIMINARY

PROJECT NO: 1560-31-71	HWY: USH 63	COUNTY: WASHBURN	PLAN AND PROFILE: SHARED-USE PATH	SHEET	E

FILE NAME : \\NWBESERVER\DRAWINGS\NWBE_PROJECTS\DESIGN\1101_SHELL_LAKE_SS\C3D_12\050119_PP_SHARED_USE.DWG
PLOT DATE : 9/11/2014 2:51 PM
PLOT BY : GARY COLBERT
PLOT NAME :
PLOT SCALE : 1" = 50'_XREF
WISDOT/CADDS SHEET 44



PROJECT NO: 1560-31-71	HWY: USH 63	COUNTY: WASHBURN	PLAN AND PROFILE: SHARED-USE PATH	SHEET	E

FILE NAME : \\NWBESERVER\DRAWINGS\NWBE_PROJECTS\DESIGN\1101_SHELL_LAKE_SS\C3D_12\050119_PP_SHARED_USE.DWG PLOT DATE : 9/11/2014 2:52 PM PLOT BY : GARY COLBERT PLOT NAME : PLOT SCALE : 1" = 50'_XREF

PRELIMINARY

828 829 830 831 832 833 834

USH 63

INDUSTRIAL BLVD STA.11+27.32'IB' =
ATV/SNOWMOBILE TRAIL STA. 11+20.82'T1'

PROPOSED
SLOPE INTERCEPT

RIGHT-OF-WAY

ATV / SNOWMOBILE TRAIL

INDUSTRIAL

BOULEVARD

11'SU'

12'SU'

13'SU'

SHARED-USE PATH

CHARTER

WE ENERGIES

TEMP. EASEMENT

4"PE

11'T1'

12'T1'

13'T1'

14'T1'

ATV/SNOWMOBILE TRAIL

CAUTION

PROPOSED
SLOPE INTERCEPT

10+00.00'T1'

PI 10+65.60'T1'

ASPHALTIC SURFACE

CENTURYLINK

PI 12+04.01'T1'

12+50.06'T1'

12+68.80'T1'

PI 13+35.59'T1'

RIGHT-OF-WAY

5

5

1260
1250
1240
1230

BEGIN CONSTRUCTION
STA. 10+11.00'T1'

END GRADING
STA. 12+59.24'T1'

VPI STA 11+03.01'T1'
EL 1240.49

VPI STA 11+20.82'T1'
EL 1241.24

VPI STA 11+35.80'T1'
EL 1241.42

VPI STA 12+59.24'T1'
EL 1241.23

PROPOSED
GRADE LINE

-0.20%

4.20%

1.22%

-0.16%

EXISTING
GRADE LINE

VPI STA 10+00.00'T1'
EL 1240.70

EXISTING
GRADE LINE

PROPOSED
GRADE LINE

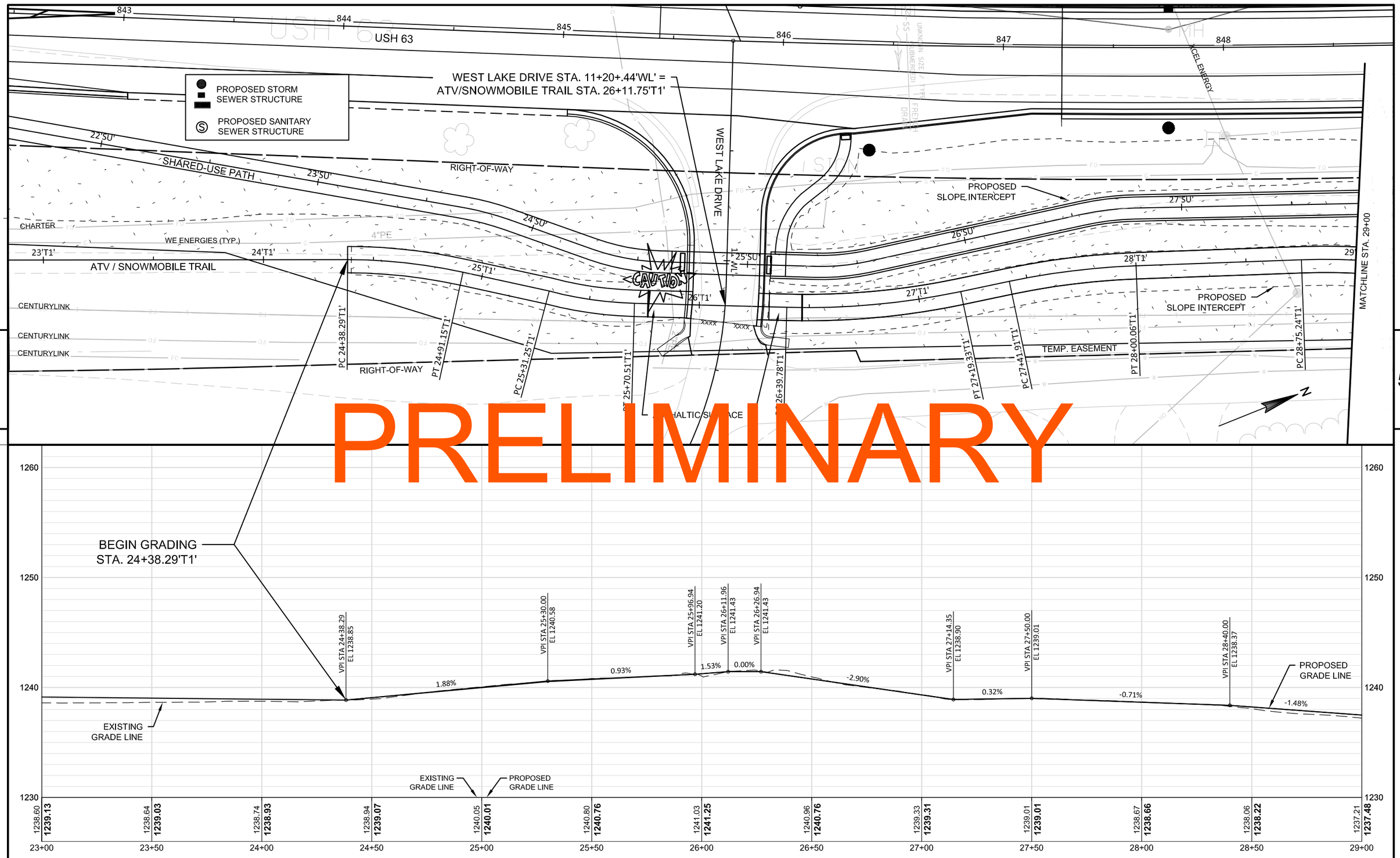
1240.70	1240.19	1240.39	1240.89	1241.04	1241.25	1241.42	1241.78	1241.60
1240.70	**1240.60**	**1240.50**	**1241.40**	**1241.32**	**1241.24**	**1241.15**	**1241.05**	**1240.95**

8+00 8+50 9+00 9+50 10+00 10+50 11+00 11+50 12+00 12+50 13+00 13+50 14+00

PROJECT NO: 1560-31-71	HWY: USH 63	COUNTY: WASHBURN	PLAN AND PROFILE: ATV / SNOWMOBILE TRAIL	SHEET	E

FILE NAME : \\NWBESERVER\DRAWINGS\NWBE_PROJECTS\DESIGN\1101_SHELL_LAKE_SS\C3D_12\050120_PP_ATV_SNOW.DWG PLOT DATE : 9/10/2014 3:43 PM PLOT BY : GARY COLBERT PLOT NAME : PLOT SCALE : 1:40_XREF

WISDOT/CADDS SHEET 44



PROJECT NO: 1560-31-71	HWY: USH 63	COUNTY: WASHBURN	PLAN AND PROFILE: ATV / SNOWMOBILE TRAIL	SHEET	E

FILE NAME : \\NWBESERVER\DRAWINGS\NWBE_PROJECTS\DESIGN\1101_SHELL_LAKE_SS\C3D_12\050120_PP_ATV_SNOW.DWG PLOT DATE : 9/10/2014 3:43 PM PLOT BY : GARY COLBERT PLOT NAME : PLOT SCALE : 1:40_XREF

PROPOSED STORM SEWER STRUCTURE

PROPOSED SANITARY SEWER STRUCTURE

SHARED-USE PATH STA. 29+07.53'SU' =
ATV/SNOWMOBILE TRAIL STA. 30+60.62'T1'

MATCHLINE STA. 29+00.00

RIGHT-OF-WAY

ATV / SNOWMOBILE TRAIL

PT 29+26.84'T1'

TEMP. EASEMENT

CENTURYLINK

PC 29+93.91'T1'

ASPHALTIC SURFACE

PROPOSED SLOPE INTERCEPT

PT 849+18.1

USH 63 STA. 849+86.45 =
ATV/SNOWMOBILE TRAIL STA. 31+28.05'T1'

ASPHALTIC SURFACE

31+69.40'T1'

CHARTER

CORR. PVCSS

WE ENERGIES

SHARED-USE PATH

PT 30+47.64'T1'

USH 63

1ST STREET

XCEL ENERGY

MH

ST.6

N

849

850

851

5

5

PRELIMINARY

1260
1250
1240
1230

-1.48%
2.31%
1.85%
8.58%
6.25%
2.00%
-2.00%
0.00%
1.50%
9.28%
-6.25%

VPI STA 30+00.00
EL 1236.00

VPI STA 30+54.61
EL 1237.26

VPI STA 30+66.62
EL 1237.48

VPI STA 30+97.50
EL 1240.13

VPI STA 31+00.05
EL 1240.20

VPI STA 31+28.05
EL 1240.76

VPI STA 31+44.05
EL 1240.44

VPI STA 31+46.55
EL 1240.51

VPI STA 31+51.56
EL 1241.07

VPI STA 31+56.55
EL 1241.09

VPI STA 31+69.40
EL 1242.28

EXISTING GRADE LINE

PROPOSED GRADE LINE

VPI STA 30+98.05
EL 1240.07

VPI STA 31+46.05
EL 1240.31

EXISTING GRADE LINE

PROPOSED GRADE LINE

END CONSTRUCTION
STA. 31+69.40'T1'

1237.21	1236.73	1236.02	1237.15	1240.16	1240.37
1237.48	**1236.74**	**1236.00**	**1237.15**	**1240.20**	**1240.86**

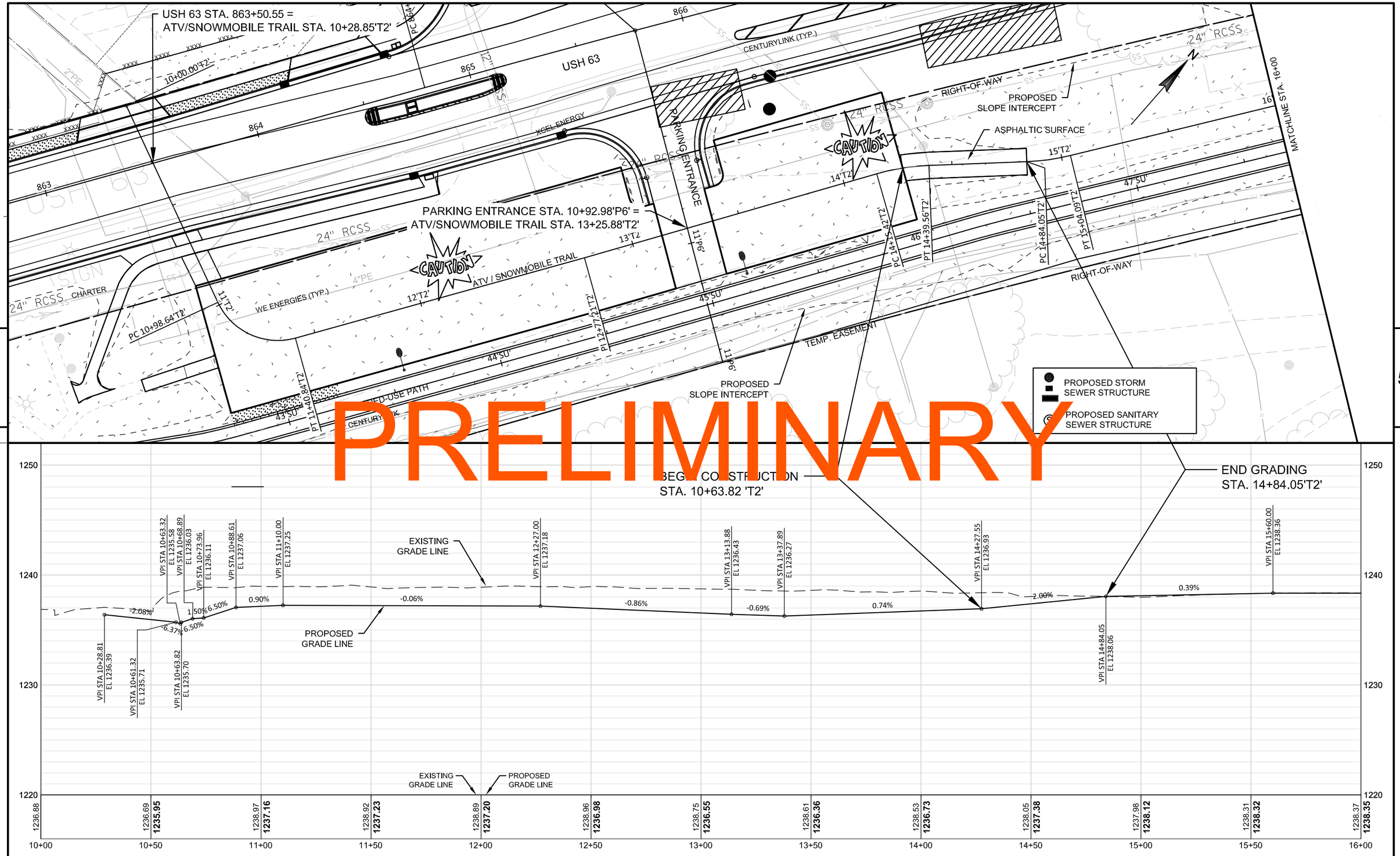
29+00 29+50 30+00 30+50 31+00 31+50 32+00 32+50 33+00 33+50 34+00 34+50 35+00

PROJECT NO: 1560-31-71	HWY: USH 63	COUNTY: WASHBURN	PLAN AND PROFILE: ATV / SNOWMOBILE TRAIL	SHEET	E

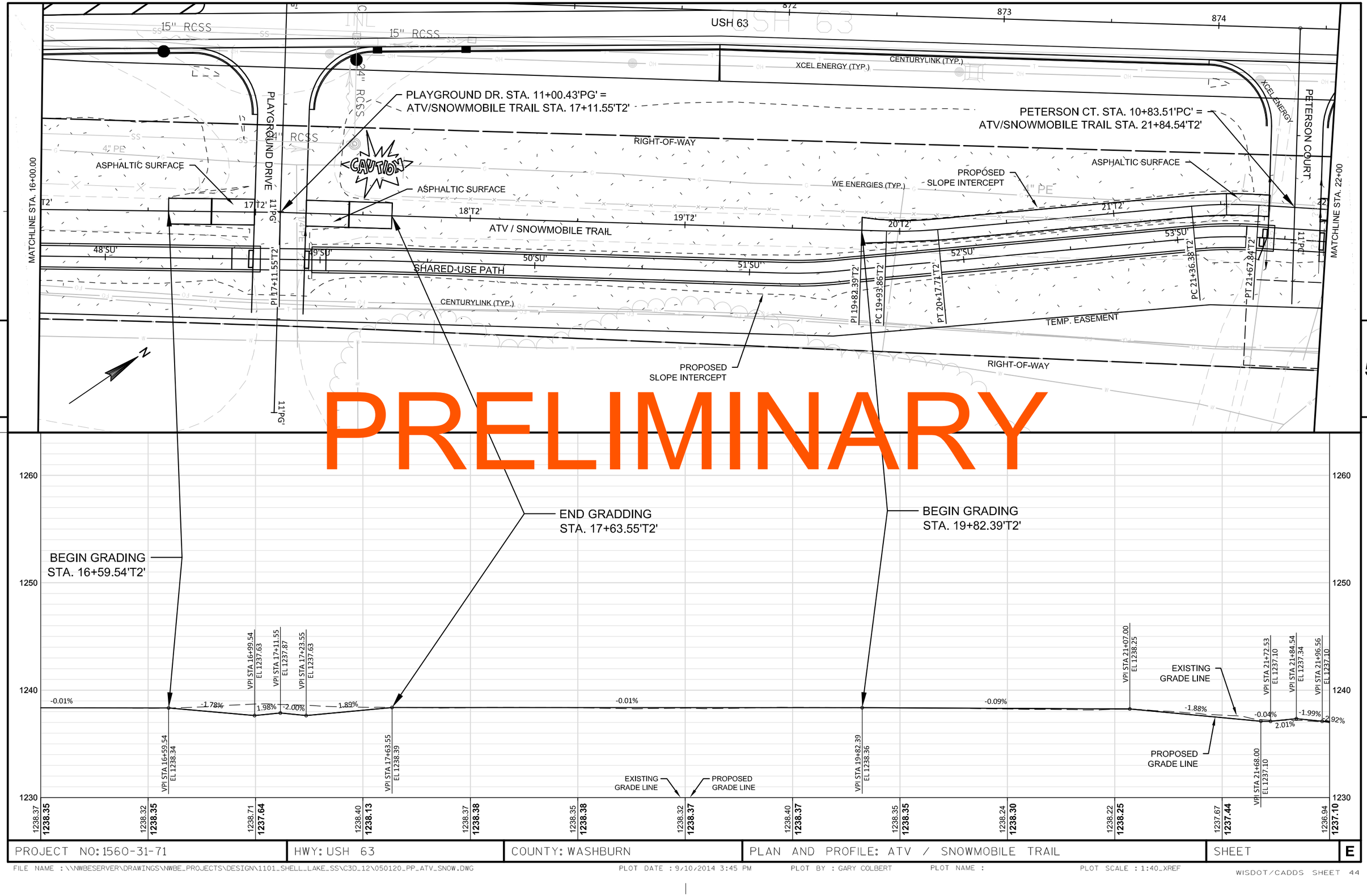
FILE NAME : \\NWBESERVER\DRAWINGS\NWBE_PROJECTS\DESIGN\1101_SHELL_LAKE_SS\C3D_12\050120_PP_ATV_SNOW.DWG PLOT DATE : 9/10/2014 3:44 PM PLOT BY : GARY COLBERT PLOT NAME : PLOT SCALE : 1:40_XREF

WISDOT/CADDS SHEET 44

PRELIMINARY



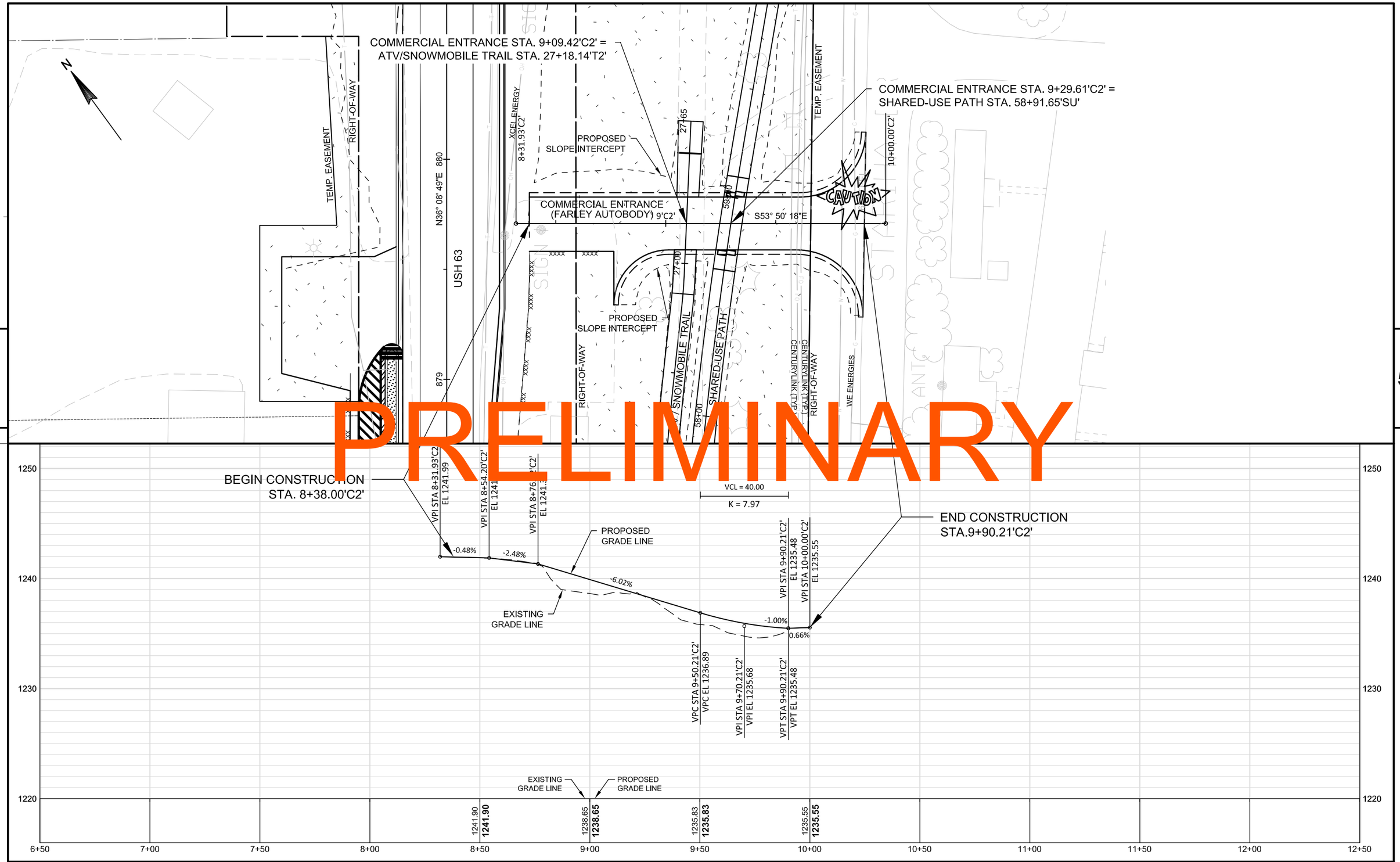
PROJECT NO: 1560-31-71	HWY: USH 63	COUNTY: WASHBURN	PLAN AND PROFILE: ATV / SNOWMOBILE TRAIL	SHEET E



PROJECT NO: 1560-31-71	HWY: USH 63	COUNTY: WASHBURN	PLAN AND PROFILE: ATV / SNOWMOBILE TRAIL	SHEET	E

PROJECT NO: 1560-31-71	HWY: USH 63	COUNTY: WASHBURN	PLAN AND PROFILE: ATV / SNOWMOBILE TRAIL	SHEET E

FILE NAME : \\NWBESERVER\DRAWINGS\NWBE_PROJECTS\DESIGN\1101_SHELL_LAKE_SS\C3D_12\050120_PP_ATV_SNOW.DWG PLOT DATE : 9/10/2014 3:46 PM PLOT BY : GARY COLBERT PLOT NAME : PLOT SCALE : 1:40_XREF



5

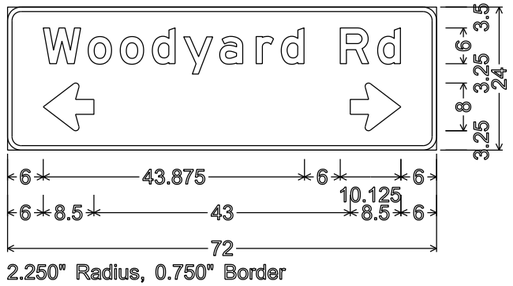
5

PROJECT NO: 1560-31-71	HWY: USH 63	COUNTY: WASHBURN	PLAN AND PROFILE: COMMERCIAL ENTRANCE (FARLEY AUTO BODY)	SHEET	E

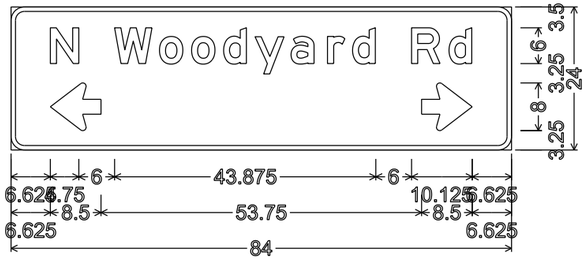
PRELIMINARY

NOTES

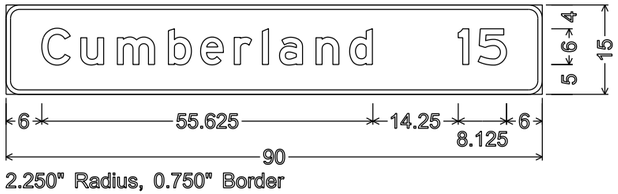
1. All Signs are Type II - Type H Reflective
2. Color:
   Background - Green
   Message - White
3. Message Series - E except as noted



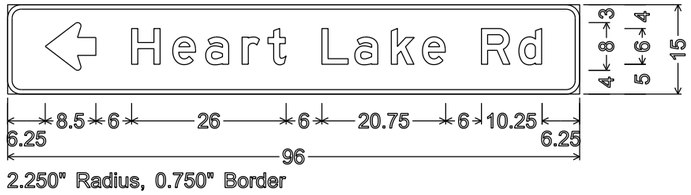
2.250" Radius, 0.750" Border



2.250" Radius, 0.750" Border

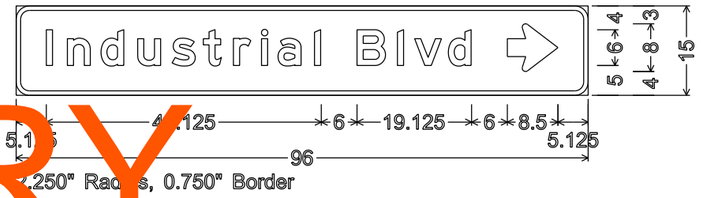


2.250" Radius, 0.750" Border

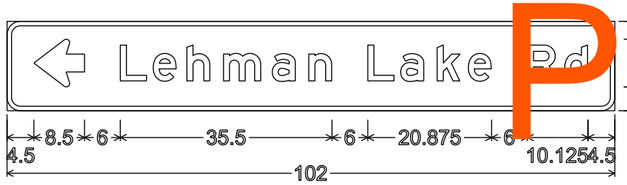


2.250" Radius, 0.750" Border

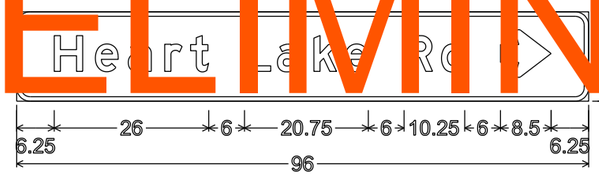
2.250" Radius, 0.750" Border



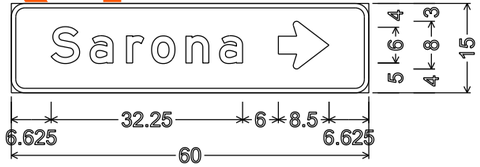
2.250" Radius, 0.750" Border



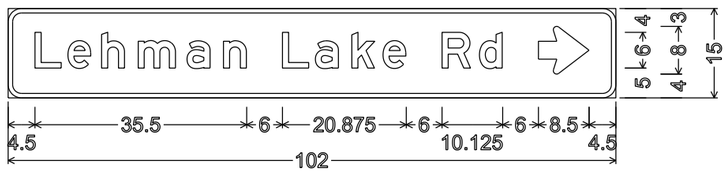
2.250" Radius, 0.750" Border



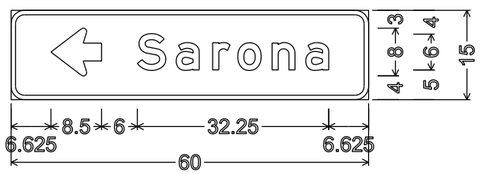
2.250" Radius, 0.750" Border



2.250" Radius, 0.750" Border



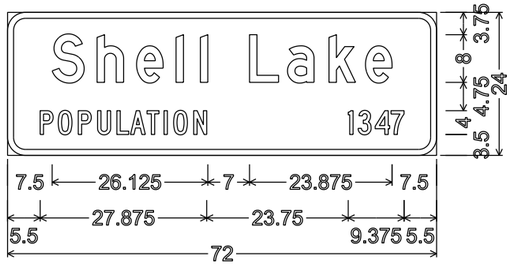
2.250" Radius, 0.750" Border



2.250" Radius, 0.750" Border

2.250" Radius, 0.750" Border

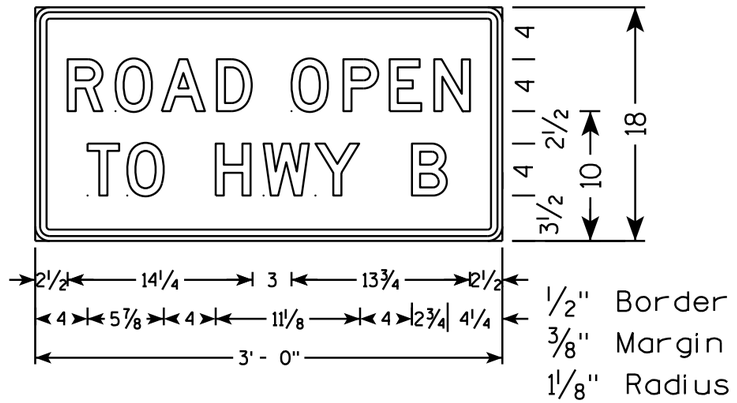
2.250" Radius, 0.750" Border



3.000" Radius, 1.000" Border
"Shell" D; "Lake" D;
"POPULATION" C 125% spacing; "1347" C;

PROJECT NO: 1560-31-71	HWY: USH 63	COUNTY: WASHBURN	PERMANENT SIGNING	SHEET NO:	E

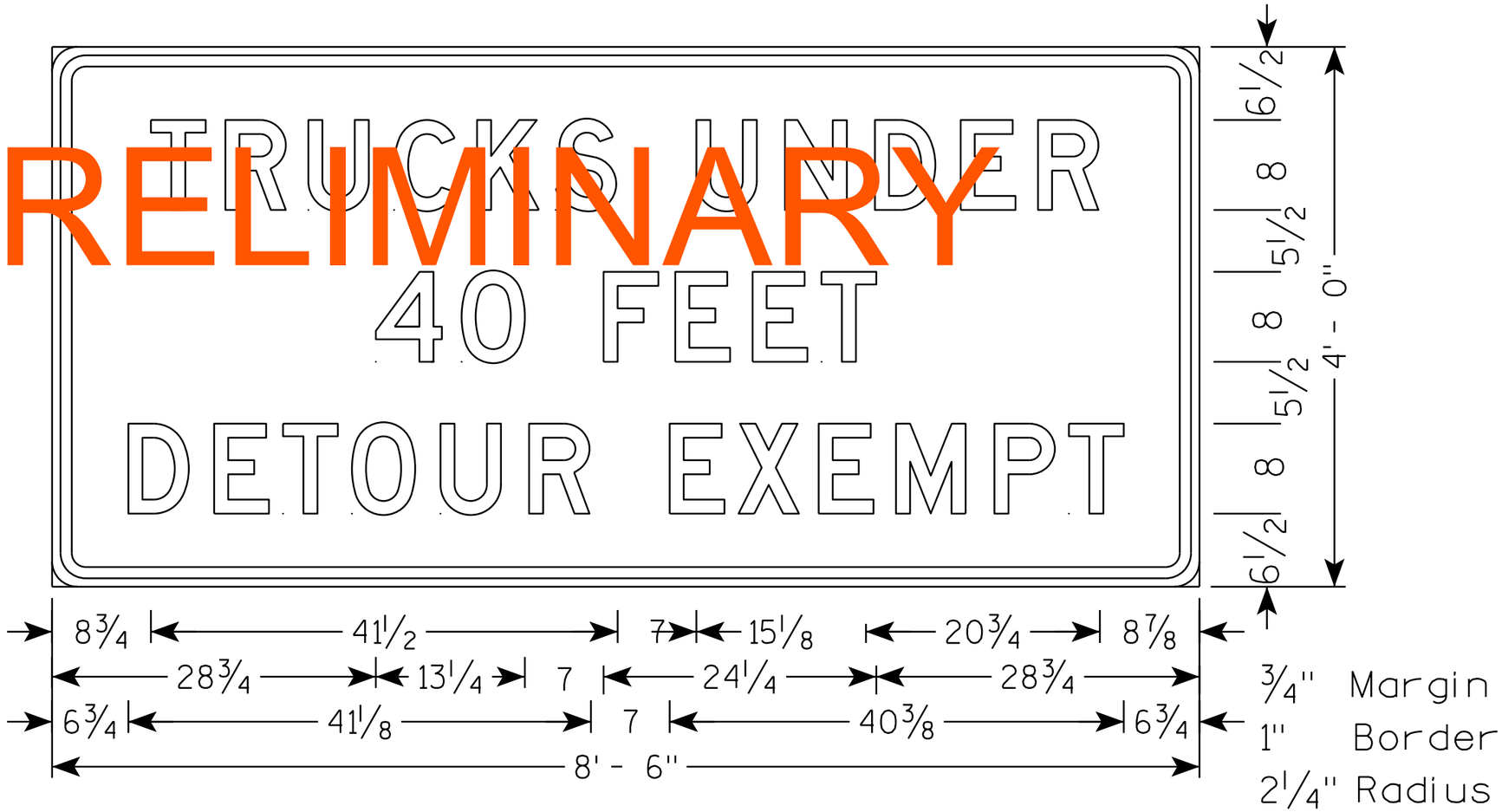
7 7



NOTES

1. Sign Is Type II - Type H Reflective
2. Color:
   Background - WHITE
   Message - BLACK
3. Message Series - D

PRELIMINARY



NOTES

1. Sign Is Type II - Type F Reflective
2. Color:
   Background - ORANGE
   Message - BLACK
3. Message Series - D

7

7

PROJECT NO: 1560-31-71	HWY: USH 63	COUNTY: WASHBURN	TEMPORARY SIGNING	SHEET NO:	E

USH 63 - STAGE 1 WIDENING STA. 829+24 - 886+60

STATION	LENGTH	CUT END AREA	FILL END AREA	CUT RAW VOLUME	FILL RAW VOLUME	(ADJUSTED) FILL RAW VOLUME * 1.25	CUMULATIVE CUT VOLUME	(ADJUSTED) CUMULATIVE FILL VOLUME	MASS ORDINATE
	LF	SF	SF	CY	CY	CY	CY	CY	CY
829+24.0	-	0.0	0.0	-	-	-	-	-	-
829+55.0	31.0	3.0	0.0	2	0	0	2	0	2
830+00.0	45.0	5.3	0.0	7	0	0	9	0	9
830+50.0	50.0	5.5	4.6	10	4	5	19	5	13
830+75.0	25.0	5.6	3.2	5	4	4	24	10	14
830+75.1	0.1	0.0	0.0	0	0	0	24	10	14
831+29.4	54.3	0.0	0.0	0	0	0	24	10	14
831+30.0	0.6	0.0	0.0	0	0	0	24	10	14
831+50.0	20.0	5.8	10.8	2	4	5	26	15	11
832+00.0	50.0	8.6	12.0	13	21	26	39	41	-2
832+50.0	50.0	8.8	15.3	16	25	32	55	73	-18
833+00.0	50.0	8.7	15.6	16	29	36	72	109	-37
833+50.0	50.0	7.6	16.7	15	30	37	87	146	-59
834+00.0	50.0	7.1	20.4	14	34	43	100	189	-89
834+50.0	50.0	6.9	27.2	13	44	55	113	244	-131
835+00.0	50.0	6.6	40.8	12	63	79	126	323	-197
835+50.0	50.0	5.8	48.2	11	82	103	137	426	-288
836+00.0	50.0	6.6	44.0	11	85	107	149	532	-384
836+05.0	5.0	12.2	48.3	2	9	11	150	543	-393
836+50.0	45.0	6.3	36.8	15	71	89	166	632	-466
837+00.0	50.0	6.6	29.1	12	61	76	178	708	-530
837+50.0	50.0	6.4	24.8	12	50	62	190	770	-580
838+00.0	50.0	6.8	23.7	12	45	56	202	826	-624
838+50.0	50.0	6.6	19.6	12	40	50	214	876	-662
839+00.0	50.0	6.7	19.0	12	36	45	226	921	-695
839+50.0	50.0	6.5	17.1	12	33	42	238	963	-725
840+00.0	50.0	6.0	14.2	12	29	36	250	999	-749
840+50.0	50.0	6.8	8.9	12	21	27	262	1026	-764
841+00.0	50.0	7.2	7.0	13	15	18	275	1044	-769
841+50.0	50.0	7.5	2.8	14	9	11	289	1055	-767
842+00.0	50.0	8.7	0.4	15	3	4	303	1059	-755
842+50.0	50.0	10.0	0.0	17	0	0	321	1059	-739
843+00.0	50.0	9.9	0.0	18	0	0	339	1059	-720
843+50.0	50.0	7.1	0.0	16	0	0	355	1059	-704
844+00.0	50.0	6.9	0.0	13	0	0	368	1059	-691
844+20.0	20.0	0.0	0.0	3	0	0	370	1059	-689
845+93.0	173.0	0.0	0.0	0	0	0	370	1059	-689
846+28.7	35.7	4.0	0.0	3	0	0	373	1059	-686
846+50.0	21.3	5.8	0.0	4	0	0	377	1059	-682
847+00.0	50.0	7.6	0.0	12	0	0	389	1059	-670
847+50.0	50.0	7.9	0.0	14	0	0	404	1059	-656
848+00.0	50.0	10.5	0.0	17	0	0	421	1059	-639
848+50.0	50.0	9.2	0.0	18	0	0	439	1059	-620
849+00.0	50.0	9.7	0.0	17	0	0	456	1059	-603
849+50.0	50.0	11.5	0.0	20	0	0	476	1059	-583
850+00.0	50.0	9.8	0.0	20	0	0	496	1059	-564
850+50.0	50.0	9.7	0.0	18	0	0	514	1059	-546
851+00.0	50.0	6.1	0.3	15	0	0	528	1060	-531
851+25.0	25.0	6.3	0.7	6	0	1	534	1060	-526
851+50.0	25.0	6.4	0.0	6	0	0	540	1061	-521
852+00.0	50.0	9.4	0.0	15	0	0	555	1061	-506
852+50.0	50.0	9.0	0.0	17	0	0	572	1061	-489
853+00.0	50.0	7.6	0.0	15	0	0	587	1061	-474
853+50.0	50.0	15.5	0.0	21	0	0	608	1061	-452
853+66.0	16.0	13.4	0.0	9	0	0	617	1061	-444
854+00.0	34.0	10.7	0.0	15	0	0	632	1061	-429
854+50.0	50.0	11.3	0.0	20	0	0	652	1061	-408
855+00.0	50.0	9.8	0.0	19	0	0	672	1061	-389
855+50.0	50.0	7.4	0.0	16	0	0	688	1061	-373

USH 63 - STAGE 1 WIDENING STA. 829+24 - 886+60 CONT'D

STATION	LENGTH	CUT END AREA	FILL END AREA	CUT RAW VOLUME	FILL RAW VOLUME	(ADJUSTED) FILL RAW VOLUME * 1.25	CUMULATIVE CUT VOLUME	(ADJUSTED) CUMULATIVE FILL VOLUME	MASS ORDINATE
	LF	SF	SF	CY	CY	CY	CY	CY	CY
856+00.0	50.0	6.8	0.0	13	0	0	701	1061	-360
856+50.0	50.0	3.7	0.0	10	0	0	711	1061	-350
856+91.0	41.0	0.0	0.0	3	0	0	714	1061	-347
857+53.0	62.0	0.8	0.0	1	0	0	714	1061	-346
858+00.0	47.0	15.3	0.0	14	0	0	728	1061	-332
858+50.0	50.0	11.5	0.0	25	0	0	753	1061	-307
859+00.0	50.0	6.4	0.0	17	0	0	770	1061	-291
859+22.0	22.0	8.0	0.0	6	0	0	776	1061	-285
859+50.0	28.0	10.1	0.0	9	0	0	785	1061	-276
860+00.0	50.0	5.5	0.0	14	0	0	799	1061	-261
860+50.0	50.0	4.1	0.0	9	0	0	808	1061	-253
860+77.0	27.0	0.6	0.0	2	0	0	810	1061	-250
861+67.0	90.0	0.3	0.0	1	0	0	812	1061	-249
862+00.0	33.0	3.3	0.0	2	0	0	814	1061	-247
862+50.0	50.0	3.2	0.0	6	0	0	820	1061	-241
863+00.0	50.0	3.0	0.0	6	0	0	826	1061	-235
863+38.0	38.0	3.7	0.0	5	0	0	830	1061	-230
863+50.0	12.0	3.7	0.0	2	0	0	832	1061	-229
863+75.0	25.0	2.2	0.0	3	0	0	835	1061	-226
863+75.1	0.1	0.0	0.0	0	0	0	835	1061	-226
868+99.9	524.8	0.0	0.0	0	0	0	835	1061	-226
869+00.0	0.1	1.9	0.0	0	0	0	835	1061	-226
869+50.0	50.0	4.3	0.0	6	0	0	841	1061	-220
869+9[illegible].0	49.0	5.2	0.8	[illegible]	1	1	849	1062	-212
870+5[illegible].0	[illegible].0	10.4	0.0	15	1	1	864	1062	-199
871+0[illegible].0	5[illegible].0	8.1	0.0	1[illegible]	0	0	881	1062	-181
871+5[illegible].0	50.[illegible]	7.[illegible]	0.0	[illegible]5	0	0	896	1062	-167
872+0[illegible].0	50.0	8.[illegible]	0.0	[illegible]	0	0	911	1062	-152
872+5[illegible].0	50.0	[illegible].7	0.0	16	0	0	927	1062	-136
873+00.0	50.0	9.2	0.0	17	0	0	943	1062	-119
873+50.0	50.0	8.7	0.0	17	0	0	960	1062	-103
874+00.0	50.0	8.4	0.0	16	0	0	976	1062	-87
874+50.0	50.0	9.3	0.0	16	0	0	992	1062	-70
875+00.0	50.0	8.2	0.0	16	0	0	1008	1062	-54
875+50.0	50.0	12.5	0.0	19	0	0	1027	1062	-35
876+00.0	50.0	18.0	0.0	28	0	0	1056	1062	-7
876+50.0	50.0	13.3	0.1	29	0	0	1085	1063	22
877+00.0	50.0	16.5	0.1	28	0	0	1112	1063	49
877+50.0	50.0	17.3	0.3	31	0	0	1143	1063	80
878+00.0	50.0	23.9	0.0	38	0	0	1181	1064	118
878+50.0	50.0	20.3	0.0	41	0	0	1222	1064	159
879+00.0	50.0	14.8	0.5	33	0	1	1255	1064	191
879+50.0	50.0	11.2	0.6	24	1	1	1279	1065	214
880+00.0	50.0	8.1	1.6	18	2	3	1297	1068	229
880+50.0	50.0	6.2	10.4	13	11	14	1310	1082	228
881+00.0	50.0	4.4	44.0	10	50	63	1320	1145	175
881+50.0	50.0	4.9	64.8	9	101	126	1328	1271	58
882+00.0	50.0	5.0	75.8	9	130	163	1337	1433	-96
882+50.0	50.0	4.3	70.7	9	136	170	1346	1603	-257
883+00.0	50.0	4.6	78.3	8	138	173	1354	1775	-421
883+50.0	50.0	4.8	87.9	9	154	192	1363	1968	-605
884+00.0	50.0	8.2	22.5	12	102	128	1375	2096	-721
884+25.0	25.0	18.1	0.1	12	10	13	1387	2109	-721
884+60.0	35.0	28.7	11.6	30	8	9	1418	2118	-701
885+00.0	40.0	7.0	25.3	26	27	34	1444	2152	-708
885+50.0	50.0	8.6	14.1	14	37	46	1459	2198	-740
886+00.0	50.0	5.7	5.8	13	18	23	1472	2221	-749
886+50.0	50.0	2.9	0.1	8	5	7	1480	2228	-748
886+60.0	10.0	1.8	0.0	1	0	0	1480	2228	-747
TOTALS				1480	1782	2228			

PRELIMINARY

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PROJECT NO: 1560-31-71	HWY: USH 63	COUNTY: WASHBURN	EARTHWORK	SHEET	E

FILE NAME : \\NWBESERVER\DRAWINGS\NWBE_PROJECTS\DESIGN\1101_SHELL_LAKE_SS\C3D_12\090101_EW.DWG PLOT DATE : 9/10/2014 9:44 AM PLOT BY : GARY COLBERT PLOT NAME : ----------

WISDOT/CADDS SHEET 49

USH 63 - STAGE 1 WIDENING WEST LAKE DRIVE

STATION	LENGTH	CUT END AREA	FILL END AREA	CUT RAW VOLUME	FILL RAW VOLUME	(ADJUSTED) FILL RAW VOLUME * 1.25	CUMULATIVE CUT VOLUME	(ADJUSTED) CUMULATIVE FILL VOLUME	MASS ORDINATE
	LF	SF	SF	CY	CY	CY	CY	CY	CY
10+32.0	-	0.0	0.0	-	-	-	-	-	-
10+33.0	1.0	9.0	0.0	0.2	0.0	0.0	0	0	0
10+50.0	17.0	27.6	0.0	11.5	0.0	0.0	12	0	12
10+75.0	25.0	17.2	0.0	20.7	0.0	0.0	32	0	32
11+00.0	25.0	18.7	0.1	16.6	0.0	0.0	49	0	49
11+25.0	25.0	26.3	0.0	20.8	0.0	0.0	70	0	70
11+39.0	14.0	28.1	0.0	14.1	0.0	0.0	84	0	84
TOTALS				84	0	0			

USH 63 - STAGE 1 WIDENING NORTH INDUSTRIAL DRIVE

STATION	LENGTH	CUT END AREA	FILL END AREA	CUT RAW VOLUME	FILL RAW VOLUME	(ADJUSTED) FILL RAW VOLUME * 1.25	CUMULATIVE CUT VOLUME	(ADJUSTED) CUMULATIVE FILL VOLUME	MASS ORDINATE
	LF	SF	SF	CY	CY	CY	CY	CY	CY
10+18.6	-	0.0	0.0	-	-	-	-	-	-
10+29.7	11.1	9.3	0.4	1.9	0.1	0.1	2	0	2
10+40.0	10.3	9.8	0.0	3.6	0.1	0.1	6	0	5
10+50.0	10.0	9.7	0.0	3.6	0.0	0.0	9	0	9
10+56.1	6.1	0.0	0.0	1.1	0.0	0.0	10	0	10
TOTALS				10	0	0			

USH 63 - STAGE 1 WIDENING 3RD STREET

STATION	LENGTH	CUT END AREA	FILL END AREA	CUT RAW VOLUME	FILL RAW VOLUME	(ADJUSTED) FILL RAW VOLUME * 1.25	CUMULATIVE CUT VOLUME	(ADJUSTED) CUMULATIVE FILL VOLUME	MASS ORDINATE
	LF	SF	SF	CY	CY	CY	CY	CY	CY
10+60.0	-	16.1	0.0	-	-	-	-	-	-
11+00.0	40.0	28.0	0.0	32.6	0.0	0.0	33	0	33
11+25.0	25.0	36.3	0.0	29.7	0.0	0.0	62	0	62
11+50.0	25.0	35.1	0.0	33.0	0.0	0.0	95	0	95
12+00.0	50.0	13.8	0.0	45.2	0.0	0.0	141	0	141
12+00.1	0.1	0.0	0.0	0.0	0.0	0.0	141	0	141
13+13.5	113.4	0.0	0.0	0.0	0.0				141
13+13.7	0.2	5.9	0.1	0.0	0.0	0.0	141	0	141
13+30.0	16.3	4.1	2.4	3.0	0.7	0.9	144	1	143
TOTALS				144	1	1			

USH 63 - STAGE 1 WIDENING LIND AVENUE

STATION	LENGTH	CUT END AREA	FILL END AREA	CUT RAW VOLUME	FILL RAW VOLUME	(ADJUSTED) FILL RAW VOLUME * 1.25	CUMULATIVE CUT VOLUME	(ADJUSTED) CUMULATIVE FILL VOLUME	MASS ORDINATE
	LF	SF	SF	CY	CY	CY	CY	CY	CY
10+35.9	-	0.0	0.0	-	-	-	-	-	-
10+50.0	14.1	2.2	25.5	0.6	6.7	8.3	1	8	-8
10+57.0	7.0	2.6	18.7	0.6	5.7	7.2	1	15	-14
10+64.9	7.9	3.5	10.8	0.9	4.3	5.4	2	21	-19
10+84.9	20.0	4.4	0.0	2.9	4.0	5.0	5	26	-21
10+89.9	5.1	4.4	0.0	0.8	0.0	0.0	6	26	-20
TOTALS				6	21	26			

PRELIMINARY

USH 63 - SLOPE REPAIR 624+78 - 626+00 LT & RT

STATION	LENGTH	CUT END AREA	FILL END AREA	CUT RAW VOLUME	FILL RAW VOLUME	(ADJUSTED) FILL RAW VOLUME * 1.25	CUMULATIVE CUT VOLUME	(ADJUSTED) CUMULATIVE FILL VOLUME	MASS ORDINATE
	LF	SF	SF	CY	CY	CY	CY	CY	CY
624+78.0	-	0.0	0.2	-	-	-	-	-	-
625+00.0	22.0	16.9	9.7	6.9	4.0	5.0	7	5	2
625+18.1	18.1	25.0	22.1	14.1	10.6	13.3	21	18	3
625+30.0	11.9	37.3	7.8	13.7	6.6	8.2	35	27	8
625+40.0	10.0	16.5	10.3	10.0	3.4	4.2	45	31	14
625+58.0	18.0	3.8	16.2	6.8	8.8	11.0	51	42	10
625+69.1	11.1	0.0	15.4	0.8	6.5	8.1	52	50	2
625+80.0	10.9	0.2	19.9	0.0	7.1	8.9	52	59	-7
626+00.0	20.0	0.0	0.3	0.1	7.5	9.3	52	68	-16
TOTALS				52	54	68			

USH 63 - SLOPE REPAIR 637+60 - 638+60 LT & RT FOR CATTLE PASS

STATION	LENGTH	CUT END AREA	FILL END AREA	CUT RAW VOLUME	FILL RAW VOLUME	(ADJUSTED) FILL RAW VOLUME * 1.25	CUMULATIVE CUT VOLUME	(ADJUSTED) CUMULATIVE FILL VOLUME	MASS ORDINATE
	LF	SF	SF	CY	CY	CY	CY	CY	CY
637+60.0	-	1.9	2.4	-	-	-	-	-	-
637+80.0	20.0	1.6	9.1	1.3	4.2	5.3	1	5	-4
638+00.0	20.0	1.2	19.4	1.0	10.6	13.2	2	18	-16
638+10.5	10.5	1.2	157.4	0.5	34.4	43.		61	-59
638+20.0	9.5	1.1	23.4	0.4	31.8	39.8		101	-98
638+40.0	20.0	0.9	28.6	0.7	19.2	24.		125	-121
638+60.0	20.0	0.6	4.5	0.6	12.2	15.3	4	141	-136
TOTALS				4	112	141			

USH 63 - SLOPE REPAIR 655+88 - 659+20 RT FOR SPBG

STATION	LENGTH	CUT END AREA	FILL END AREA	CUT RAW VOLUME	FILL RAW VOLUME	(ADJUSTED) FILL RAW VOLUME * 1.25	CUMULATIVE CUT VOLUME	(ADJUSTED) CUMULATIVE FILL VOLUME	MASS ORDINATE
	LF	SF	SF	CY	CY	CY	CY	CY	CY
655+88.2	-	0.0	0.1	-	-	-	-	-	-
656+00.0	11.8	0.2	0.1	0.0	0.0	0.1	0	0	0
656+50.0	50.0	2.1	0.0	2.1	0.1	0.2	2	0	2
657+00.0	50.0	2.0	1.8	3.8	1.6	2.1	6	2	4
657+07.3	7.3	2.1	2.6	0.5	0.6	0.7	6	3	3
657+32.3	25.0	1.5	2.7	1.7	2.4	3.0	8	6	2
657+50.0	17.7	1.1	1.0	0.9	1.2	1.5	9	8	1
657+57.3	7.3	0.9	0.3	0.3	0.2	0.2	9	8	2
658+00.0	42.7	1.2	0.1	1.7	0.3	0.4	11	8	3
658+50.0	50.0	1.1	0.0	2.1	0.1	0.1	13	8	5
659+00.0	50.0	0.9	0.0	1.9	0.0	0.0	15	8	7
659+19.8	19.8	0.7	0.2	0.6	0.1	0.1	16	8	7
TOTALS				16	7	8			

USH 63 - SLOPE REPAIR 661+94 - 665+51 RT FOR SPBG

STATION	LENGTH	CUT END AREA	FILL END AREA	CUT RAW VOLUME	FILL RAW VOLUME	(ADJUSTED) FILL RAW VOLUME * 1.25	CUMULATIVE CUT VOLUME	(ADJUSTED) CUMULATIVE FILL VOLUME	MASS ORDINATE
	LF	SF	SF	CY	CY	CY	CY	CY	CY
661+94.3	-	0.5	0.9	-	-	-	-	-	-
662+00.0	5.7	0.5	0.7	0.1	0.2	0.2	0	0	0
662+50.0	50.0	0.6	0.2	1.1	0.8	1.0	1	1	0
663+00.0	50.0	1.1	0.0	1.6	0.2	0.2	3	1	1
663+50.0	50.0	0.9	0.0	1.8	0.0	0.0	5	1	3
663+81.8	31.8	0.8	0.0	1.0	0.0	0.0	6	1	4
664+00.0	18.2	1.3	0.5	0.7	0.2	0.2	6	2	5
664+06.8	6.8	1.6	1.1	0.4	0.2	0.2	7	2	5
664+31.8	25.0	2.2	2.9	1.7	1.8	2.3	8	4	4
664+50.0	18.2	2.0	1.0	1.4	1.3	1.6	10	6	4
665+00.0	50.0	1.2	0.2	3.0	1.1	1.3	13	7	6
665+50.0	50.0	0.8	0.0	1.9	0.2	0.2	15	7	7
665+50.9	0.9	0.8	0.0	0.0	0.0	0.0	15	7	7
TOTALS				15	6	7			

USH 63 - DITCH GRADING STA. 733+25 - 735+00 RT

STATION	LENGTH	CUT END AREA	FILL END AREA	CUT RAW VOLUME	FILL RAW VOLUME	(ADJUSTED) FILL RAW VOLUME * 1.25	CUMULATIVE CUT VOLUME	(ADJUSTED) CUMULATIVE FILL VOLUME	MASS ORDINATE
	LF	SF	SF	CY	CY	CY	CY	CY	CY
733+25.0		0.0	0.				-	-	-
733+46.3	2	0.3	7.5	8	0	3.7	8	4	4
733+00.0	53.	9.3	0.9	8	8.3	10.4	97	14	83
73 +50.0	50.0	9.9	8.0	7	2	10.3	170	24	146
73 +00.0	50.0	8.9	6.8	1	7	17.2	183	42	142
TOTALS				103	35	42			

PRELIMINARY

USH 63 - STA 776+98 - 820+74

STATION	LENGTH	CUT END AREA	FILL END AREA	MARSH EXC AREA	CUT RAW VOLUME	FILL RAW VOLUME	MARSH EXC RAW VOLUME	(ADJUSTED) FILL RAW VOLUME * 1.25	CUMULATIVE CUT VOLUME	(ADJUSTED) CUMULATIVE FILL VOLUME	CUMULATIVE MARSH EXC VOLUME	MASS ORDINATE
	LF	SF	SF	SF	CY	CY	CY	CY	CY	CY	CY	CY
776+97.6	-	66.7	0.8		-	-	-	-	-	-	-	-
777+00.0	2.4	64.4	0.8		6	0	0	0	6	0	0	6
777+50.0	50.0	70.9	1.1		125	2	0	2	131	2	0	129
778+00.0	50.0	81.3	4.0		141	5	0	6	272	8	0	264
778+50.0	50.0	73.3	4.2		143	8	0	9	415	18	0	398
779+00.0	50.0	52.2	1.2		116	5	0	6	531	24	0	507
779+17.8	17.8	53.6	1.0		35	1	0	1	566	25	0	541
779+50.0	32.2	54.5	0.8		64	1	0	1	631	26	0	605
780+00.0	50.0	26.9	58.4		75	55	0	69	706	95	0	611
780+50.0	50.0	44.3	1.0		66	55	0	69	772	163	0	608
781+00.0	50.0	48.9	1.0		86	2	0	2	858	165	0	693
781+50.0	50.0	42.8	1.1		85	2	0	2	943	168	0	775
782+00.0	50.0	60.1	1.3		95	2	0	3	1038	171	0	868
782+50.0	50.0	70.9	1.0		121	2	0	3	1159	173	0	986
783+00.0	50.0	50.8	1.1		113	2	0	2	1272	176	0	1096
783+49.0	49.0	94.1	1.6		132	2	0	3	1404	179	0	1225
783+50.0	1.0	94.7	1.8	0.0	3	0	0	0	1407	179	0	1228
784+00.0	50.0	91.5	1.4	26.0	172	3	24	4	1579	182	24	1397
784+50.0	50.0	108.2	0.7	58.0	185	2	78	2	1764	185	102	1579
784+99.0	49.0	148.0	0.1	0.0	233	1	53	1	1997	186	155	1811
785+00.0	1.0	150.0	0.0		5	0	0	0	2002	186	155	1816
785+50.0	50.0	303.0	0.0		419	0	0	0	2422	186	155	2236
785+77.8	27.8	339.6	2.3		331	1	0	1	2752	187	155	2565
[illegible]	22.2	[illegible]	0.0		[illegible]0	1	0	[illegible]	3[illegible]52	188	155	287[illegible]
[illegible]+50.0	[illegible].0	600.0	0.0		[illegible]8	0	[illegible]0	[illegible]	4[illegible]00	188	155	38[illegible]2
[illegible]+00.0	[illegible].0	636.6	0.0		[illegible]45	0	[illegible]	[illegible]	5[illegible]45	188	[illegible]55	[illegible]57
[illegible]+50.0	[illegible]0.0	[illegible]	0.3		[illegible]70	0	[illegible]	[illegible]	6[illegible]15	189	155	[illegible]6026
[illegible]+00.0	50.0	580.9	0.0		[illegible]18	0	[illegible]0	[illegible]	7[illegible]33	189	155	7044
[illegible]+17.0	17.0	644.7	0.0		[illegible]5	0	[illegible]0	[illegible]	[illegible]18	[illegible]9	[illegible]55	7429
[illegible]+17.0	0.0	195.3	0.0		0	0	0	[illegible]	[illegible]18	[illegible]	[illegible]	7429
788+49.2	32.2	170.7	1.5		218	1	0	1	7837	190	155	7646
788+50.0	0.8	84.4	0.0		4	0	0	0	7841	190	155	7650
789+00.0	50.0	82.9	0.0		155	0	0	0	7995	190	155	7805
789+48.0	48.0	73.0	0.0		139	0	0	0	8134	190	155	7944
789+48.7	0.7	561.3	5.8		8	0	0	0	8142	190	155	7952
790+00.0	51.3	490.4	0.0		999	6	0	7	9141	197	155	8944
790+10.0	10.0	481.5	0.0		180	0	0	0	9321	197	155	9124
790+10.1	0.1	551.5	9.0		1	0	0	0	9323	197	155	9125
790+50.0	39.9	477.3	0.0		761	7	0	8	10083	206	155	9878
790+77.1	27.1	367.6	0.0		425	0	0	0	10508	206	155	10302
791+00.0	22.9	318.0	0.0		290	0	0	0	10798	206	155	10592
791+48.9	48.9	261.5	0.0		525	0	0	0	11323	206	155	11117
791+50.0	1.1	265.4	0.0		11	0	0	0	11334	206	155	11128
792+00.0	50.0	229.3	0.0		458	0	0	0	11792	206	155	11586
792+50.0	50.0	162.8	0.0		363	0	0	0	12155	206	155	11949
792+61.5	11.5	152.7	0.1		67	0	0	0	12222	206	155	12016
793+00.0	38.5	132.5	0.5		203	0	0	1	12425	206	155	12219
793+50.0	50.0	119.6	0.9		233	1	0	2	12659	208	155	12451
794+00.0	50.0	87.1	3.7		191	4	0	5	12850	213	155	12637
794+50.0	50.0	93.1	8.3		167	11	0	14	13017	227	155	12790
795+00.0	50.0	113.9	6.2		192	13	0	17	13209	244	155	12965
795+07.0	7.0	112.8	6.8		30	2	0	2	13238	246	155	12992
795+52.0	45.0	76.2	43.5		157	42	0	52	13395	298	155	13097
795+92.1	40.1	46.9	15.9		91	44	0	55	13487	353	155	13133
796+00.0	7.9	45.1	18.4		14	5	0	6	13500	360	155	13140
796+50.0	50.0	44.5	32.7		83	47	0	59	13583	419	155	13164
797+00.0	50.0	47.7	43.9		85	71	0	89	13669	508	155	13161
797+50.0	50.0	46.4	45.2		87	83	0	103	13756	611	155	13145
798+00.0	50.0	47.1	46.6		87	85	0	106	13842	717	155	13125

PRELIMINARY

USH 63 - STA 776+98 - 820+74 CONT'D

STATION	LENGTH	CUT END AREA	FILL END AREA	MARSH EXC AREA	CUT RAW VOLUME	FILL RAW VOLUME	MARSH EXC RAW VOLUME	(ADJUSTED) FILL RAW VOLUME * 1.25	CUMULATIVE CUT VOLUME	(ADJUSTED) CUMULATIVE FILL VOLUME	CUMULATIVE MARSH EXC VOLUME	MASS ORDINATE
	LF	SF	SF	SF	CY	CY	CY	CY	CY	CY	CY	CY
798+00.0	50.0	47.1	46.6		87	85	0	106	13842	717	155	13125
798+50.0	50.0	51.0	31.9		91	73	0	91	13933	808	155	13125
799+00.0	50.0	46.2	36.0		90	63	0	79	14023	887	155	13137
799+50.0	50.0	45.3	39.4		85	70	0	87	14108	974	155	13134
800+00.0	50.0	44.0	26.1		83	61	0	76	14191	1050	155	13141
800+50.0	50.0	44.1	30.3		82	52	0	65	14272	1115	155	13157
801+00.0	50.0	45.6	24.9		83	51	0	64	14355	1179	155	13177
801+50.0	50.0	51.2	20.7		90	42	0	53	14445	1232	155	13213
801+67.0	17.0	46.6	27.6		31	15	0	19	14476	1251	155	13225
802+00.0	33.0	41.9	31.2		54	36	0	45	14530	1296	155	13234
802+50.0	50.0	59.5	32.1		94	59	0	73	14624	1369	155	13255
802+52.1	2.1	52.5	31.9		4	2	0	3	14628	1372	155	13256
803+00.0	47.9	45.3	47.6		87	70	0	88	14715	1460	155	13255
803+50.0	50.0	41.1	51.5		80	92	0	115	14795	1575	155	13220
804+00.0	50.0	44.6	54.2		79	98	0	122	14874	1697	155	13177
804+02.1	2.1	44.4	53.7		3	4	0	5	14878	1702	155	13175
804+50.0	47.9	47.3	54.8		81	96	0	120	14959	1823	155	13137
805+00.0	50.0	45.9	52.4		86	99	0	124	15045	1947	155	13099
805+50.0	50.0	46.6	52.0		86	97	0	121	15131	2068	155	13063
806+00.0	50.0	56.4	41.6		95	87	0	108	15226	2176	155	13051
806+50.0	50.0	66.5	36.0		114	72	0	90	15340	2266	155	13074
807+00.0	50.0	67.8	30.6		124	62	0	77	15465	2343	155	13122
807+37.9	37.9	73.5	18.0		99	34	0	43	15564	2385	155	13178
807+50.0	12.1	80.6	15.1		35	7	0	9	15598	2395	155	13204
807+75.0	25.0	91.4	13.3		80	13	0	16	15678	2411	155	13267
[illegible]	25.4	[illegible]	22		79	1	0	1	757	2432	155	13325
808+01.0	[illegible]0.6	76.0	22		2		0		758	2433	155	[illegible]326
[illegible]8+50.0	[illegible]9.0	228.9	10		[illegible]77	3	0	[illegible]7	[illegible]035	2470	155	[illegible]3565
[illegible]	9.4		10		80		0		[illegible]115	2474	155	13641
[illegible]9+00.0	40.6	101.[illegible]	11		[illegible]52	1	0	[illegible]1	[illegible]367	2495	155	13873
[illegible]9+29.0	29.0	88.7	19		[illegible]02	1	0	[illegible]1	[illegible]470	[illegible]516	155	13954
[illegible]9+29.1	0.1	88.6	19				0		[illegible]47	[illegible]16	[illegible]55	13954
809+50.0	20.9	100.0	11.1		73	12	0	15	16543	2531	155	14012
809+59.4	9.4	96.4	12.8		34	4	0	5	16577	2536	155	14041
810+00.0	40.6	85.3	16.6		137	22	0	28	16714	2563	155	14150
810+50.0	50.0	69.2	34.5		143	47	0	59	16857	2623	155	14234
811+00.0	50.0	51.2	67.2		112	94	0	118	16968	2740	155	14228
811+29.1	29.1	47.1	72.0		53	75	0	94	17021	2834	155	14187
811+50.0	20.9	44.4	74.6		35	57	0	71	17057	2905	155	14152
812+00.0	50.0	47.9	63.0		85	127	0	159	17142	3064	155	14078
812+50.0	50.0	44.1	66.1		85	120	0	149	17227	3214	155	14014
813+00.0	50.0	46.0	66.0		83	122	0	153	17311	3366	155	13944
813+04.0	4.0	45.8	72.2		7	10	0	13	17317	3379	155	13938
813+30.0	26.0	146.1	21.8		92	45	0	57	17410	3436	155	13974
813+38.0	8.0	149.1	24.5		44	7	0	9	17454	3444	155	14009
813+46.0	8.0	144.2	26.4		43	8	0	9	17497	3454	155	14043
813+50.0	4.0	134.2	27.5		21	4	0	5	17518	3459	155	14059
814+00.0	50.0	52.1	46.7		172	69	0	86	17690	3545	155	14145
814+50.0	50.0	61.1	42.9		105	83	0	104	17795	3648	155	14147
815+00.0	50.0	64.4	18.8		116	57	0	71	17911	3720	155	14191
815+50.0	50.0	48.1	24.0		104	40	0	50	18015	3769	155	14246
815+60.2	10.2	46.6	23.2		18	9	0	11	18033	3780	155	14253
816+00.0	39.8	48.5	27.6		70	37	0	47	18103	3827	155	14276
816+20.0	20.0	42.6	59.2		34	32	0	40	18137	3867	155	14269
816+21.0	1.0	42.5	13.3		2	1	0	2	18138	3869	155	14269
816+50.0	29.0	41.4	5.4		45	10	0	13	18183	3882	155	14302
816+92.4	42.4	35.9	0.0		61	4	0	5	18244	3887	155	14357
817+00.0	7.6	37.5	0.0		10	0	0	0	18254	3887	155	14368
817+06.0	5.9	38.0	0.0		8	0	0	0	18263	3887	155	14376
817+15.1	9.1	37.6	0.0		13	0	0	0	18276	3887	155	14389
817+50.0	34.9	28.2	0.2		43	0	0	0	18318	3887	155	14431

PRELIMINARY

USH 63 - STA 776+98 - 820+74 CONT'D

STATION	LENGTH	CUT END AREA	FILL END AREA	MARSH EXC AREA	CUT RAW VOLUME	FILL RAW VOLUME	MARSH EXC RAW VOLUME	(ADJUSTED) FILL RAW VOLUME * 1.25	CUMULATIVE CUT VOLUME	(ADJUSTED) CUMULATIVE FILL VOLUME	CUMULATIVE MARSH EXC VOLUME	MASS ORDINATE
	LF	SF	SF	SF	CY	CY	CY	CY	CY	CY	CY	CY
817+61.0	11.0	30.1	0.0		12	0	0	0	18330	3887	155	14443
817+61.5	0.5	41.1	28.7		1	0	0	0	18331	3887	155	14443
818+00.0	38.5	37.9	5.6		56	25	0	31	18387	3918	155	14469
818+50.0	50.0	35.5	1.9		68	7	0	9	18455	3927	155	14528
818+75.0	25.0	137.1	0.1		80	1	0	1	18535	3928	155	14607
818+80.0	5.0	163.1	0.2		28	0	0	0	18563	3928	155	14635
818+87.0	7.0	166.0	0.2		43	0	0	0	18605	3928	155	14677
818+94.0	7.0	134.4	0.6		39	0	0	0	18644	3928	155	14716
819+00.0	6.0	70.1	0.3		23	0	0	0	18667	3928	155	14739
819+50.0	50.0	33.0	3.2		95	3	0	4	18762	3932	155	14830
819+61.6	11.6	32.4	2.7		14	1	0	2	18776	3934	155	14843
820+00.0	38.4	35.9	0.2		49	2	0	3	18825	3936	155	14889
820+50.0	50.0	31.0	1.2		62	1	0	2	18887	3938	155	14949
820+74.1	24.1	31.0	0.7		28	1	0	1	18914	3939	155	14975
TOTALS					18914	3151	155	3939				

PRELIMINARY

USH 63 STA 832+40.0 - 886+60

STATION	LENGTH	CUT END AREA	FILL END AREA	CUT RAW VOLUME	FILL RAW VOLUME	(ADJUSTED) FILL RAW VOLUME * 1.25	CUMULATIVE CUT VOLUME	(ADJUSTED) CUMULATIVE FILL VOLUME	MASS ORDINATE
	LF	SF	SF	CY	CY	CY	CY	CY	CY
832+40.0	-	94.2	0.9	-	-	-	-	-	-
832+50.0	10.0	96.9	1.2	35.4	0.4	0.5	35	0	35
833+00.0	50.0	121.6	0.1	202.3	1.2	1.5	238	2	236
833+50.0	50.0	193.3	0.1	291.5	0.2	0.2	529	2	527
834+00.0	50.0	168.1	2.4	334.6	2.3	2.9	864	5	859
834+50.0	50.0	162.0	5.2	305.6	7.1	8.8	1169	14	1155
835+00.0	50.0	163.7	7.4	301.5	11.7	14.6	1471	29	1442
835+50.0	50.0	162.7	22.9	302.2	28.1	35.1	1773	64	1709
836+00.0	50.0	164.7	42.2	303.1	60.3	75.4	2076	139	1937
836+05.0	5.0	166.4	78.0	30.7	11.1	13.9	2107	153	1954
836+50.0	45.0	160.6	42.7	272.5	100.6	125.7	2379	279	2101
837+00.0	50.0	157.5	16.4	294.5	54.7	68.4	2674	347	2327
837+50.0	50.0	159.2	29.5	293.2	42.5	53.1	2967	400	2567
838+00.0	50.0	153.8	28.6	289.8	53.8	67.2	3257	467	2790
838+50.0	50.0	149.1	17.6	280.5	42.8	53.6	3537	521	3016
839+00.0	50.0	146.6	18.1	273.8	33.1	41.4	3811	562	3249
839+50.0	50.0	142.0	23.7	267.3	38.7	48.4	4078	611	3468
840+00.0	50.0	136.2	18.2	257.6	38.8	48.4	4336	659	3677
840+50.0	50.0	141.8	13.3	257.4	29.1	36.4	4593	696	3898
841+00.0	50.0	143.7	10.4	264.4	21.9	27.4	4858	723	4135
841+50.0	50.0	148.9	11.7	271.0	20.4	25.5	5129	748	4380
842+00.0	50.0	141.5	10.0	268.8	20.0	25.0	5398	773	4624
842+50.0	50.0	128.0	38.0	249.5	[illegible]	[illegible]	[illegible]	829	4818
843+00.0	50.0	128.9	55.8	237.9	86.8	108.5	5885	937	4948
843+03.0	3.0	129.0	56.9	14.3	6.2	7.8	5899	945	[illegible]
843+50.0	47.0	137.4	50.3	231.9	[illegible]	[illegible]	[illegible]	1062	[illegible]
844+00.0	50.0	146.9	34.8	263.3	78.8	98.[illegible]	6395	1160	52[illegible]
844+50.0	50.0	153.6	16.4	278.2	47.4	59.2	6673	1220	545[illegible]
845+00.0	50.0	172.7	3.2	302.0	18.1	22.6	[illegible]	1242	573[illegible]
845+01.7	1.7	146.7	0.0	10.1	0.1	0.1	6985	1242	5742
845+02.6	0.9	135.6	0.0	4.5	0.0	0.0	6989	1242	5747
845+50.0	47.4	127.9	0.0	231.4	0.0	0.0	7221	1242	5978
845+77.1	27.1	126.7	0.0	127.9	0.0	0.0	7349	1242	6106
845+80.5	3.4	126.1	0.0	15.7	0.0	0.0	7364	1242	6122
846+00.0	19.5	130.2	0.0	92.6	0.0	0.0	7457	1242	6215
846+07.6	7.6	170.0	0.6	42.2	0.1	0.1	7499	1243	6257
846+32.9	25.3	175.1	7.7	161.9	3.9	4.9	7661	1247	6414
846+50.0	17.1	166.1	6.5	107.9	4.5	5.6	7769	1253	6516
847+00.0	50.0	158.7	5.1	300.8	10.7	13.4	8070	1266	6803
847+26.6	26.6	154.0	6.0	154.1	5.4	6.8	8224	1273	6951
847+50.0	23.4	167.3	6.7	139.3	5.5	6.9	8363	1280	7083
848+00.0	50.0	131.9	6.5	277.1	12.3	15.3	8640	1295	7345
848+50.0	50.0	133.1	6.4	245.4	11.9	14.9	8886	1310	7575
849+00.0	50.0	129.8	9.6	243.4	14.8	18.5	9129	1329	7800
849+50.0	50.0	129.2	10.1	239.8	18.3	22.8	9369	1352	8017
850+00.0	50.0	128.3	11.2	238.4	19.8	24.7	9607	1376	8231
850+50.0	50.0	131.5	12.6	240.5	22.0	27.5	9848	1404	8444
850+76.9	26.9	134.6	12.5	132.3	12.5	15.6	9980	1420	8561
851+00.0	23.1	160.4	9.0	126.4	9.2	11.5	10106	1431	8675
851+22.7	22.7	128.2	8.3	121.4	7.3	9.1	10228	1440	8788
851+50.0	27.3	127.5	8.9	129.2	8.7	10.8	10357	1451	8906
851+60.8	10.8	142.4	8.4	54.0	3.5	4.3	10411	1455	8956
852+00.0	39.2	140.3	11.1	205.1	14.2	17.7	10616	1473	9143
852+50.0	50.0	140.9	8.8	260.3	18.4	23.0	10877	1496	9381
853+00.0	50.0	137.2	13.0	257.5	20.1	25.2	11134	1521	9613
853+19.1	19.1	143.2	3.5	99.4	5.9	7.3	11233	1528	9705

USH 63 STA 832+40.0 - 886+60 CONT'D

STATION	LENGTH	CUT END AREA	FILL END AREA	CUT RAW VOLUME	FILL RAW VOLUME	(ADJUSTED) FILL RAW VOLUME * 1.25	CUMULATIVE CUT VOLUME	(ADJUSTED) CUMULATIVE FILL VOLUME	MASS ORDINATE
	LF	SF	SF	CY	CY	CY	CY	CY	CY
853+50.0	30.9	127.3	4.6	154.6	4.6	5.8	11388	1534	9854
853+53.0	3.0	127.6	4.1	14.1	0.5	0.6	11402	1535	9867
853+66.0	13.0	128.9	5.0	61.8	2.2	2.7	11464	1538	9926
853+75.0	9.0	129.0	5.0	43.0	1.7	2.1	11507	1540	9967
853+87.3	12.3	140.3	9.3	61.5	3.3	4.1	11568	1544	10025
854+00.0	12.7	135.8	10.7	64.7	4.7	5.9	11633	1550	10084
854+50.0	50.0	131.1	6.4	247.1	15.8	19.8	11880	1569	10311
855+00.0	50.0	125.8	3.0	237.8	8.8	10.9	12118	1580	10538
855+09.5	9.5	124.4	1.2	43.9	0.7	0.9	12162	1581	10581
855+46.7	37.2	118.3	0.5	167.1	1.2	1.5	12329	1583	10746
855+50.0	3.3	118.3	0.5	14.6	0.1	0.1	12344	1583	10761
855+83.9	33.9	128.2	1.2	154.6	1.1	1.3	12498	1584	10914
856+00.0	16.1	136.3	1.4	79.1	0.8	1.0	12577	1585	10992
856+50.0	50.0	146.9	1.3	262.2	2.5	3.1	12840	1588	11251
856+81.5	31.5	150.8	0.2	173.6	0.9	1.1	13013	1589	11424
856+82.0	0.4	146.6	0.2	2.5	0.0	0.0	13016	1589	11426
857+03.6	21.6	115.7	0.0	105.0	0.1	0.1	13121	1589	11531
857+16.1	12.5	114.7	0.0	53.5	0.0	0.0	13174	1589	11585
857+37.7	21.6	114.2	0.0	91.6	0.0	0.0	13266	1589	11676
857+50.0	12.3	138.2	0.0	57.4	0.0	0.0	13323	1589	11734
857+68.9	18.9	174.8	0.0	109.7	0.0	0.0	13433	1589	11843
858+00.0	31.1	167.0	0.0	196.6	0.0	0.0	13629	1589	12040
858[illegible]5.0	25.0	173[illegible]	0.[illegible]	[illegible]7.6	0.0	0.0	13787	1589	12198
858[illegible]0.0	25.0	175[illegible]	0.[illegible]	1[illegible].9	0.[illegible]	0.0	13950	1589	12360
858[illegible]8.6	[illegible]8.6	17[illegible].1	0.[illegible]	[illegible].6	[illegible]	0.0	14007	1589	12417
858[illegible]8.9	[illegible].3	1[illegible]9.4	0.[illegible]	243.0	[illegible].0	0.0	14250	1589	12660
859[illegible]0.0	1[illegible]	[illegible].3	0.[illegible]	[illegible].9	0.0	0.0	14255	1589	12666
859[illegible]8.2	28.2	171.3	0.[illegible]	[illegible].3	0.0	0.0	14423	1589	12833
859[illegible]0.0	21.8	171.3	0.1	13[illegible].4	0.1	0.1	14561	1590	12972
859+97.7	47.7	173.4	0.3	304.3	0.4	0.5	14865	1590	13275
860+00.0	2.3	170.1	0.3	14.8	0.0	0.0	14880	1590	13290
860+23.8	23.8	124.8	0.4	130.2	0.3	0.3	15010	1590	13420
860+50.0	26.2	178.1	1.3	146.7	0.8	1.0	15157	1591	13566
860+67.1	17.1	149.6	0.5	103.5	0.5	0.7	15261	1592	13669
861+00.0	32.9	135.3	0.0	173.8	0.3	0.3	15434	1592	13842
861+30.5	30.5	140.8	0.0	156.1	0.0	0.0	15591	1592	13998
861+50.0	19.5	143.0	0.0	102.3	0.0	0.0	15693	1592	14100
861+82.7	32.7	166.2	0.0	187.4	0.0	0.0	15880	1592	14288
862+00.0	17.3	170.2	0.0	107.6	0.0	0.0	15988	1592	14395
862+50.0	50.0	193.0	0.0	336.3	0.0	0.0	16324	1592	14732
863+00.0	50.0	201.1	0.0	364.9	0.0	0.0	16689	1592	15097
863+50.0	50.0	309.6	0.0	472.9	0.0	0.0	17162	1592	15569
864+00.0	50.0	418.5	0.0	674.2	0.0	0.0	17836	1592	16244
864+50.0	50.0	423.2	0.0	779.4	0.0	0.0	18615	1592	17023
864+66.3	16.3	402.5	0.0	248.8	0.0	0.0	18864	1592	17272
865+00.0	33.7	459.0	0.0	538.1	0.0	0.0	19402	1592	17810
865+34.5	34.5	480.7	0.0	599.7	0.0	0.0	20002	1592	18409
865+50.0	15.5	272.3	0.0	216.7	0.0	0.0	20219	1592	18626
865+64.2	14.2	289.9	0.0	147.4	0.0	0.0	20366	1592	18774
865+77.8	13.6	250.9	0.0	136.6	0.0	0.0	20503	1592	18910
866+00.0	22.2	200.9	0.0	185.8	0.0	0.0	20688	1592	19096
866+19.9	19.9	436.6	0.0	234.3	0.0	0.0	20923	1592	19330
866+22.0	2.1	440.1	0.0	34.6	0.0	0.0	20957	1592	19365
866+50.0	28.0	412.3	0.0	442.3	0.0	0.0	21400	1592	19807
867+00.0	50.0	248.4	0.0	611.7	0.0	0.0	22011	1592	20419

PRELIMINARY

USH 63 STA 832+40.0 - 886+60 CONT'D

STATION	LENGTH	CUT END AREA	FILL END AREA	CUT RAW VOLUME	FILL RAW VOLUME	(ADJUSTED) FILL RAW VOLUME * 1.25	CUMULATIVE CUT VOLUME	(ADJUSTED) CUMULATIVE FILL VOLUME	MASS ORDINATE
	LF	SF	SF	CY	CY	CY	CY	CY	CY
867+50.0	50.0	237.3	0.0	449.7	0.0	0.0	22461	1592	20869
867+76.0	26.0	252.7	0.0	235.9	0.0	0.0	22697	1592	21104
868+00.0	24.0	211.2	0.0	206.1	0.0	0.0	22903	1592	21311
868+01.0	1.0	205.5	0.0	7.7	0.0	0.0	22911	1592	21318
868+26.0	25.0	185.7	0.4	181.1	0.2	0.2	23092	1593	21499
868+50.0	24.0	161.2	0.0	154.1	0.2	0.2	23246	1593	21653
869+00.0	50.0	192.0	0.0	327.0	0.0	0.0	23573	1593	21980
869+50.0	50.0	223.1	0.0	384.4	0.0	0.0	23957	1593	22365
870+00.0	50.0	162.1	0.0	356.7	0.0	0.0	24314	1593	22721
870+50.0	50.0	189.5	0.0	325.6	0.0	0.0	24640	1593	23047
871+00.0	50.0	176.7	0.0	339.1	0.0	0.0	24979	1593	23386
871+50.0	50.0	163.7	0.0	315.2	0.0	0.0	25294	1593	23701
872+00.0	50.0	143.9	0.0	284.8	0.0	0.0	25579	1593	23986
872+50.0	50.0	142.8	0.0	265.5	0.0	0.0	25844	1593	24251
873+00.0	50.0	146.7	0.4	268.0	0.3	0.4	26112	1593	24519
873+50.0	50.0	148.7	0.4	273.5	0.7	0.9	26386	1594	24792
874+00.0	50.0	143.3	0.0	270.4	0.4	0.5	26656	1595	25061
874+50.0	50.0	112.2	0.1	236.5	0.1	0.1	26893	1595	25298
874+57.2	7.2	111.0	0.1	29.8	0.0	0.0	26922	1595	25328
874+82.2	25.0	126.3	3.7	109.9	1.8	2.2	27032	1597	25435
875+00.0	17.8	130.9	4.3	84.8	2.7	3.3	27117	1600	25517
875+07.2	7.2	131.3	2.9	35.0	1.0	1.2	27152	1602	25550
875+50.0	42.8	149.5	0.0	222.6	2.3	2.9	27375	1604	25770
876+00.0	50.0	111.9	6.5	242.1	6.1	7.6	27617	1612	26005
876+50.0	50.0	109.3	3.5	204.8	9.3	11.6	27822	1624	26198
877+00.0	50.0	125.3	1.7	217.2	4.8	6.0	28039	1630	26409
877+50.0	50.0	153.1	5.2	257.7	[illegible]	[illegible]	[illegible]	1638	[illegible]
878+00.0	50.0	143.4	0.0	274.5	4.9	6.1	28571	1644	[illegible]
878+50.0	50.0	147.7	0.2	269.5	0.2	0.2	28840	1644	[illegible]
879+00.0	50.0	172.5	0.0	296.4	[illegible]	[illegible]	[illegible]	1644	[illegible]
879+30.0	30.0	193.1	0.0	203.1	0.0	0.0	29340	1644	[illegible]
879+50.0	20.0	204.0	0.0	147.1	0.0	0.0	29487	1644	[illegible]
880+00.0	50.0	144.0	9.0	322.2	8.4	10.5	[illegible]	[illegible]	[illegible]
880+50.0	50.0	135.6	19.2	258.9	26.2	32.7	30068	1687	28381
881+00.0	50.0	155.6	73.6	269.6	86.0	107.5	30338	1795	28543
881+31.7	31.7	152.5	94.8	180.7	98.8	123.5	30518	1918	28600
881+50.0	18.3	144.0	26.4	100.6	41.1	51.4	30619	1970	28649
881+96.0	46.0	141.8	43.4	243.2	59.4	74.3	30862	2044	28818
882+00.0	4.0	141.5	42.2	21.2	6.4	8.0	30883	2052	28832
882+50.0	50.0	152.4	19.7	272.1	57.3	71.6	31156	2124	29032
882+64.0	14.0	169.5	58.2	83.5	20.2	25.3	31239	2149	29090
883+00.0	36.0	174.0	40.5	228.9	65.8	82.2	31468	2231	29237
883+50.0	50.0	176.5	22.3	324.5	58.2	72.7	31792	2304	29489
883+62.9	12.9	63.6	0.0	57.4	5.3	6.7	31850	2310	29539
883+85.9	23.0	61.8	0.0	53.4	0.0	0.0	31903	2310	29593
884+00.0	14.1	0.0	0.0	16.1	0.0	0.0	31919	2310	29609
884+50.0	50.0	0.0	0.0	0.0	0.0	0.0	31919	2310	29609
884+77.0	27.0	55.6	0.0	27.8	0.0	0.0	31947	2310	29637
885+00.0	23.0	47.2	0.0	43.8	0.0	0.0	31991	2310	29680
885+50.0	50.0	30.3	0.0	71.8	0.0	0.0	32063	2310	29752
886+00.0	50.0	16.3	0.0	43.2	0.0	0.0	32106	2310	29795
886+50.0	50.0	8.5	0.0	23.0	0.0	0.0	32129	2310	29818
886+60.0	10.0	7.8	0.0	3.0	0.0	0.0	32132	2310	29821
TOTALS				32132	1848	2310			

STAGE 4 - USH 63 - STA. 868+31 - 877+30

STATION	LENGTH	CUT END AREA	FILL END AREA	CUT RAW VOLUME	FILL RAW VOLUME	(ADJUSTED) FILL RAW VOLUME * 1.25	CUMULATIVE CUT VOLUME	(ADJUSTED) CUMULATIVE FILL VOLUME	MASS ORDINATE
	LF	SF	SF	CY	CY	CY	CY	CY	CY
868+31.4	-	11.6	0.2	-	-	-	-	-	-
868+48.6	17.2	26.6	0.0	12	0	0	12	0	12
868+50.0	1.4	27.5	0.1	1	0	0	14	0	13
869+00.0	50.0	33.1	1.2	56	1	2	70	2	68
869+22.8	22.8	29.4	2.7	26	2	2	96	4	92
869+50.0	27.2	0.0	0.0	15	1	2	111	5	106
869+66.0	16.0	0.0	0.0	0	0	0	111	5	106
869+99.0	33.1	14.4	2.5	9	2	2	120	7	113
870+08.9	9.9	14.3	3.0	5	1	1	125	9	117
870+50.0	41.1	18.2	4.1	25	5	7	150	15	134
871+00.0	50.0	11.9	7.8	28	11	14	178	29	149
871+50.0	50.0	10.9	12.2	21	18	23	199	52	147
872+00.0	50.0	10.9	12.8	20	23	29	219	81	138
872+50.0	50.0	10.9	13.1	20	24	30	239	111	128
873+00.0	50.0	10.9	12.6	20	24	30	260	141	119
873+50.0	50.0	10.9	11.3	20	22	28	280	168	112
873+95.9	45.9	10.9	9.9	19	18	22	298	191	108
874+00.0	4.1	0.0	0.0	1	1	1	299	192	108
874+38.0	38.0	0.0	0.0	0	0	0	299	192	108
874+50.0	12.0	0.0	0.0	0	0	0	299	192	108
874+82.0	32.0	10.9	7.5	6	4	6	306	197	108
875+00.0	18.0	10.9	8.0	7	5	6	313	204	109
875+50.0	50.0	10.9	5.1	20	12	15	333	219	114
876+00.0	50.0	10.9	2.8	20	7	9	353	228	126
876+50.0	50.0	11.7	1.3	21	4	5	374	233	142
877+00.0	50.0	33.7	0.0	42	1	2	416	234	182
877+27.9	27.9	11.4	6.6	23	3	4	440	238	201
TOTALS				440	191	238			

STAGE 4 - PLAYGROUND DRIVE - STA. 10+24 - 11+29

STATION	LENGTH	CUT END AREA	FILL END AREA	CUT RAW VOLUME	FILL RAW VOLUME	(ADJUSTED) FILL RAW VOLUME * 1.25	CUMULATIVE CUT VOLUME	(ADJUSTED) CUMULATIVE FILL VOLUME	MASS ORDINATE
	LF	SF	SF	CY	CY	CY	CY	CY	CY
10+23.6	-	47.1	0.0	-	-	-	-	-	-
10+25.2	1.6	96.1	0.0	4	0	0	4	0	4
10+31.2	6.0	63.5	10.9	18	1	2	22	2	21
10+40.2	9.0	176.7	0.0	40	2	2	62	4	58
10+52.0	11.8	259.8	0.0	96	0	0	158	4	154
10+55.2	3.2	240.7	2.4	29	0	0	187	4	183
10+75.0	19.8	158.4	0.0	146	1	1	333	5	328
11+00.0	25.0	48.0	0.0	96	0	0	429	5	424
11+25.0	25.0	33.0	0.0	38	0	0	466	5	461
11+39.0	14.0	36.4	0.0	18	0	0	484	5	479
TOTALS				484	4	5			

STAGE 4 - PLAYGROUND DRIVE - STA. 10+16 - 11+08

STATION	LENGTH	CUT END AREA	FILL END AREA	CUT RAW VOLUME	FILL RAW VOLUME	(ADJUSTED) FILL RAW VOLUME * 1.25	CUMULATIVE CUT VOLUME	(ADJUSTED) CUMULATIVE FILL VOLUME	MASS ORDINATE
	LF	SF	SF	CY	CY	CY	CY	CY	CY
10+16.0	-	98.1	0.0	-	-	-	-	-	-
10+24.8	8.8	74.0	8.0	28	1	2	28	2	26
10+43.9	19.1	64.7	0.8	49	3	4	77	6	71
10+46.0	2.1	62.4	1.2	5	0	0	82	6	76
10+50.0	4.0	54.7	0.0	9	0	0	91	6	85
10+75.0	25.0	35.9	0.2	42	0	0	133	6	127
11+00.0	25.0	34.5	0.0	33	0	0	165	6	159
11+08.4	8.4	34.6	0.0	11	0	0	176	6	170
TOTALS				176	5	6			

PRELIMINARY

HILLTOP ROAD - STA. 4+97 - 9+61

STATION	LENGTH	CUT END AREA	FILL END AREA	CUT RAW VOLUME	FILL RAW VOLUME	(ADJUSTED) FILL RAW VOLUME * 1.25	CUMULATIVE CUT VOLUME	(ADJUSTED) CUMULATIVE FILL VOLUME	MASS ORDINATE
	LF	SF	SF	CY	CY	CY	CY	CY	CY
4+97.0	-	40.3	8.5	-	-	-	-	-	-
5+00.0	3.0	40.3	8.4	4	1	1	4	1	3
5+50.0	50.0	62.0	0.0	95	8	10	99	11	88
5+63.0	13.0	75.8	0.1	33	0	0	132	11	121
6+00.0	37.0	80.6	0.6	107	0	1	240	11	228
6+50.0	50.0	141.4	0.0	206	1	1	445	12	433
7+00.0	50.0	210.0	0.0	325	0	0	770	12	758
7+50.0	50.0	323.1	0.0	494	0	0	1264	12	1252
8+00.0	50.0	343.5	0.0	617	0	0	1881	12	1869
8+50.0	50.0	367.2	0.0	658	0	0	2539	12	2527
8+51.6	1.6	368.4	0.0	22	0	0	2562	12	2550
9+00.6	48.9	365.0	0.0	664	0	0	3226	12	3214
9+21.8	21.3	395.3	0.4	300	0	0	3526	12	3513
9+35.7	13.9	338.0	1.1	188	0	0	3714	13	3701
9+50.0	14.3	297.0	1.5	168	1	1	3882	14	3868
9+60.7	10.7	208.7	1.9	100	1	1	3982	14	3967
TOTALS				3982	12	14			

CTH D - STA. 10+03 - 11+54

STATION	LENGTH	CUT END AREA	FILL END AREA	CUT RAW VOLUME	(AD… RAW VOLUME * 1.…	CU… VOLUME	(ADJUSTED) …UMULATIVE …LL VOLUME	M… ORD…
	LF	SF	SF	CY	CY	CY	CY	
10+03.0	-	0.0	0.0	-	-	-	-	
10+25.7	22.7	88.1	0.0	37	0	37	0	
10+49.0	23.3	219.9	0.0	133	0	0		
10+81.5	32.5	250.6	1.4	283	1	1	453	1	452
11+00.0	18.5	227.8	0.0	164	0	1	617	2	615
11+50.0	50.0	65.6	0.0	272	0	0	889	2	887
11+54.2	4.2	60.9	0.0	10	0	0	898	2	897
TOTALS				898	1	2			

SCHOOL ENTRANCE - STA. 8+25 - 9+74

STATION	LENGTH	CUT END AREA	FILL END AREA	CUT RAW VOLUME	FILL RAW VOLUME	(ADJUSTED) FILL RAW VOLUME * 1.25	CUMULATIVE CUT VOLUME	(ADJUSTED) CUMULATIVE FILL VOLUME	MASS ORDINATE
	LF	SF	SF	CY	CY	CY	CY	CY	CY
8+25.4	-	33.1	0.0	-	-	-	-	-	-
8+50.0	24.6	37.2	0.0	32	0	0	32	0	32
9+15.4	65.4	48.2	1.0	103	1	2	135	2	134
9+32.5	17.1	56.8	5.6	33	2	3	169	4	165
9+50.0	17.5	75.6	6.5	43	4	5	212	9	202
9+56.5	6.5	89.9	14.8	20	3	3	232	12	219
9+61.7	5.1	103.1	28.6	18	4	5	250	17	232
9+73.7	12.1	70.3	0.0	39	6	8	289	25	263
TOTALS				289	20	25			

PEDERSON DRIVE - STA. 8+95 - 9+75

STATION	LENGTH	CUT END AREA	FILL END AREA	CUT RAW VOLUME	FILL RAW VOLUME	(ADJUSTED) FILL RAW VOLUME * 1.25	CUMULATIVE CUT VOLUME	(ADJUSTED) CUMULATIVE FILL VOLUME	MASS ORDINATE
	LF	SF	SF	CY	CY	CY	CY	CY	CY
8+94.9	-	44.9	0.0	-	-	-	-	-	-
9+00.0	5.1	43.5	0.7	8	0	0	8	0	8
9+20.9	20.9	44.5	6.8	34	3	4	42	4	39
9+23.5	2.6	45.5	7.1	4	1	1	47	5	42
9+45.7	22.2	58.7	83.3	43	37	47	90	51	39
9+50.0	4.3	64.8	108.6	10	15	19	99	70	29
9+55.7	5.7	82.0	90.6	15	21	26	115	96	19
9+75.1	19.4	33.7	65.8	42	56	70	156	166	-10
TOTALS				156	133	166			

COMMERCIAL ENTRANCE (U-TURN BUILDING) 'C1' - STA. 10+17 - 11+84

STATION	LENGTH	CUT END AREA	FILL END AREA	CUT RAW VOLUME	FILL RAW VOLUME	(ADJUSTED) FILL RAW VOLUME * 1.25	CUMULATIVE CUT VOLUME	(ADJUSTED) CUMULATIVE FILL VOLUME	MASS ORDINATE
	LF	SF	SF	CY	CY	CY	CY	CY	CY
10+17.3	-	52.1	0.0	-	-	-	-	-	-
10+22.7	5.4	116.5	0.0	17	0	0	17	0	17
10+25.3	2.6	135.4	0.0	…	0	0	29	0	29
10+36.6	1.4	131.3	0.0	56	0	0	85	0	85
10+46.1	…	131.1	0.0	46	…	0	131	0	131
10+50.0	3.…	146.…	0.0	…	…	0	151	0	151
10+00.0	50.0	10.…	2.5	…	…	3	296	3	294
10+08.1	8.1	0…	2.4	2	…	3	298	6	292
10+25.0	16.9	0…	…2	0	1	18	298	24	275
11+37.4	12.4	0.0	17.4	0	12	15	298	38	260
11+50.0	12.6	8.1	3.4	2	5	6	300	44	256
11+61.4	11.4	18.2	1.9	6	1	1	306	46	260
11+83.9	22.5	32.0	0.0	21	1	1	327	47	280
TOTALS				327	37	47			

1ST AVENUE - STA. 9+12 - 9+81

STATION	LENGTH	CUT END AREA	FILL END AREA	CUT RAW VOLUME	FILL RAW VOLUME	(ADJUSTED) FILL RAW VOLUME * 1.25	CUMULATIVE CUT VOLUME	(ADJUSTED) CUMULATIVE FILL VOLUME	MASS ORDINATE
	LF	SF	SF	CY	CY	CY	CY	CY	CY
9+11.6	-	58.9	6.1	-	-	-	-	-	-
9+41.0	29.4	76.2	15.7	74	12	15	74	15	59
9+50.0	9.0	126.6	0.0	34	3	3	107	18	89
9+80.8	30.8	28.7	0.0	88	0	0	196	18	178
TOTALS				196	14	18			

PRELIMINARY

WEST LAKE DRIVE - STA. 10+38 - 11+28

STATION	LENGTH	CUT END AREA	FILL END AREA	CUT RAW VOLUME	FILL RAW VOLUME	(ADJUSTED) FILL RAW VOLUME * 1.25	CUMULATIVE CUT VOLUME	(ADJUSTED) CUMULATIVE FILL VOLUME	MASS ORDINATE
	LF	SF	SF	CY	CY	CY	CY	CY	CY
10+38.0	-	216.8	2.2	-	-	-	-	-	-
10+50.0	12.0	120.0	42.1	75	10	12	75	12	63
10+90.0	40.0	70.4	8.8	141	38	47	216	59	156
11+00.0	10.0	94.9	0.3	31	2	2	246	61	185
11+28.0	28.0	48.8	0.1	75	0	0	321	62	259
TOTALS				321	49	62			

1ST STREET - STA. 9+48 - 9+84

STATION	LENGTH	CUT END AREA	FILL END AREA	CUT RAW VOLUME	FILL RAW VOLUME	(ADJUSTED) FILL RAW VOLUME * 1.25	CUMULATIVE CUT VOLUME	(ADJUSTED) CUMULATIVE FILL VOLUME	MASS ORDINATE
	LF	SF	SF	CY	CY	CY	CY	CY	CY
9+48.5	-	48.7	0.1	-	-	-	-	-	-
9+50.0	1.5	47.9	0.1	3	0	0	3	0	3
9+70.9	20.9	58.6	0.2	41	0	0	44	0	44
9+76.4	5.5	90.1	0.0	15	0	0	59	0	59
9+83.8	7.4	48.6	0.9	19	0	0	78	0	78
TOTALS				78	0	0			

PARKING ENTRANCE 'P1' - STA. 10+28 - 10+60

STATION	LENGTH	CUT END AREA	FILL END AREA	CUT RAW VOLUME	FILL RAW VOLUME	(ADJUSTED) FILL RAW VOLUME * 1.25	CUMULATIVE CUT VOLUME	(ADJUSTED) CUMULATIVE FILL VOLUME	MASS ORDINATE
	LF	SF	SF	CY	CY	CY	CY	CY	CY
10+28.0	-	96.9	0.0	-	-	-	-	-	-
10+35.8	7.8	74.5	5.8	25	1	1	25	1	24
10+47.0	11.2	45.0	0.0	25	1	2	50	3	47
10+50.0	3.0	45.8	0.0	5	0	0	55	3	52
10+60.0	10.0	41.9	0.0	16	0	0	71	3	68
TOTALS				71	2	3			

PARKING ENTRANCE 'P2' - STA. 10+32 - 10+64

STATION	LENGTH	CUT END AREA	FILL END AREA	CUT RAW VOLUME	FILL RAW VOLUME	(ADJUSTED) FILL RAW VOLUME * 1.25	CUMULATIVE CUT VOLUME	(ADJUSTED) CUMULATIVE FILL VOLUME	MASS ORDINATE
	LF	SF	SF	CY	CY	CY	CY	CY	CY
10+32.4	-	110.9	0.0	-	-	-	-	-	-
10+37.9	5.5	98.7	0.0	21	0	0	21	0	21
10+45.2	7.3	55.5	0.0	21	0	0	42	0	42
10+64.8	19.6	41.6	0.0	35	0	0	77	0	77
TOTALS				77	0	0			

PARKING ENTRANCE 'P3' - STA. 10+28 - 11+32

STATION	LENGTH	CUT END AREA	FILL END AREA	CUT RAW VOLUME	FILL RAW VOLUME	(ADJUSTED) FILL RAW VOLUME * 1.25	CUMULATIVE CUT VOLUME	(ADJUSTED) CUMULATIVE FILL VOLUME	MASS ORDINATE
	LF	SF	SF	CY	CY	CY	CY	CY	CY
10+28.4	-	123.4	0.0	-	-	-	-	-	-
10+38.5	10.1	94.9	0.0	41	0	0	41	0	41
10+43.8	5.2	75.3	0.0	17	0	0	57	0	57
10+50.0	6.2	65.9	0.0	16	0	0	74	0	74
10+65.0	15.0	62.9	0.0	36	0	0	110	0	110
10+84.4	19.4	30.0	0.0	33	0	0	143	0	143
11+00.0	15.6	31.5	0.0	18	0	0	161	0	161
11+32.4	32.4	30.6	0.0	37	0	0	198	0	198
TOTALS				198	0	0			

PARKING ENTRANCE 'P4' - STA. 10+32 - 11+00

STATION	LENGTH	CUT END AREA	FILL END AREA	CUT RAW VOLUME	FILL RAW VOLUME	(ADJUSTED) FILL RAW VOLUME * 1.25	CUMULATIVE CUT VOLUME	(ADJUSTED) CUMULATIVE FILL VOLUME	MASS ORDINATE
	LF	SF	SF	CY	CY	CY	CY	CY	CY
10+32.1	-	84.0	0.0	-	-	-	-	-	-
10+42.5	10.4	57.8	0.0	27	0	0	27	0	27
10+50.0	7.5	89.8	0.0	20	0	0	48	0	48
10+53.0	3.0	90.8	0.0	10	0	0	58	0	58
10+[illegible]	[illegible]	[illegible]	0.0	54	0	0	112	0	112
11+[illegible]	[illegible]	[illegible]	0.0	25	0	0	138	0	138
TOTALS				138	0	0			

PARKING ENTRANCE 'P5' - STA. 9+60 - 9+84

STATION	LENGTH	CUT END AREA	FILL END AREA	CUT RAW VOLUME	FILL RAW VOLUME	(ADJUSTED) FILL RAW VOLUME * 1.25	CUMULATIVE CUT VOLUME	(ADJUSTED) CUMULATIVE FILL VOLUME	MASS ORDINATE
	LF	SF	SF	CY	CY	CY	CY	CY	CY
9+60.0	-	41.1	0.0	-	-	-	-	-	-
9+75.0	15.0	51.7	0.0	26	0	0	26	0	26
9+84.0	9.0	93.8	0.0	24	0	0	50	0	50
TOTALS				50	0	0			

PARKING ENTRANCE 'P6' - STA. 10+36 - 11+19

STATION	LENGTH	CUT END AREA	FILL END AREA	CUT RAW VOLUME	FILL RAW VOLUME	(ADJUSTED) FILL RAW VOLUME * 1.25	CUMULATIVE CUT VOLUME	(ADJUSTED) CUMULATIVE FILL VOLUME	MASS ORDINATE
	LF	SF	SF	CY	CY	CY	CY	CY	CY
10+36.0	-	401.9	0.0	-	-	-	-	-	-
10+50.0	14.0	363.7	0.0	198	0	0	198	0	198
10+68.2	18.2	167.4	0.0	179	0	0	378	0	378
11+00.0	31.8	74.4	0.0	142	0	0	520	0	520
11+17.6	17.6	52.8	0.0	41	0	0	561	0	561
11+19.0	1.4	0.0	0.0	1	0	0	563	0	563
TOTALS				563	0	0			

PRELIMINARY

4TH AVENEUE - STA. 9+30 - 9+83

STATION	LENGTH	CUT END AREA	FILL END AREA	CUT RAW VOLUME	FILL RAW VOLUME	(ADJUSTED) FILL RAW VOLUME * 1.25	CUMULATIVE CUT VOLUME	(ADJUSTED) CUMULATIVE FILL VOLUME	MASS ORDINATE
	LF	SF	SF	CY	CY	CY	CY	CY	CY
9+30.5	-	71.4	0.0	-	-	-	-	-	-
9+50.0	19.5	78.5	0.0	54	0	0	54	0	54
9+65.1	15.1	96.6	0.0	49	0	0	103	0	103
9+82.8	17.7	50.3	0.0	48	0	0	151	0	151
TOTALS				151	0	0			

5TH AVENUE - STA. 9+30 - 9+97

STATION	LENGTH	CUT END AREA	FILL END AREA	CUT RAW VOLUME	FILL RAW VOLUME	(ADJUSTED) FILL RAW VOLUME * 1.25	CUMULATIVE CUT VOLUME	(ADJUSTED) CUMULATIVE FILL VOLUME	MASS ORDINATE
	LF	SF	SF	CY	CY	CY	CY	CY	CY
9+30.4	-	12.0	0.0	-	-	-	-	-	-
9+39.0	8.6	41.5	0.9	9	0	0	9	0	8
9+46.6	7.6	68.4	0.0	15	0	0	24	0	24
9+58.3	11.7	78.2	0.0	32	0	0	56	0	55
9+80.9	22.7	43.5	0.0	51	0	0	107	0	106
9+96.7	15.7	19.0	0.3	18	0	0	125	0	125
TOTALS				125	0	0			

6TH AVENUE - STA. 6+90 - 9+95

STATION	LENGTH	CUT END AREA	FILL END AREA	CUT RAW VOLUME	FILL RAW VOLUME	(ADJUSTED) FILL RAW VOLUME * 1.25	CUMULATIVE CUT VOLUME	(ADJUSTED) CUMULATIVE FILL VOLUME	MASS ORDINATE
	LF	SF	SF	CY	CY	CY	CY	CY	CY
6+90.4	-	13.3	0.0	-	-	-	-	-	-
7+00.0	9.6	12.4	0.1	5	0	0	5	0	5
7+30.0	30.0	11.2	0.0	13	0	0	18	0	18
7+40.6	10.6	18.1	0.0	6	0	0	23	0	23
7+50.0	9.4	18.8	0.0	6	0	0	30	0	30
8+00.0	50.0	19.4	0.0	35	0	0	65	0	65
8+26.3	26.3	20.6	0.0	19	0	0	85	0	84
8+31.1	4.8	16.6	0.0	3	0	0	88	0	88
8+50.0	18.9	19.1	0.0	12	0	0	100	0	100
8+60.0	10.0	20.0	0.0	7	0	0	108	0	108
8+64.2	4.2	70.5	0.0	7	0	0	115	0	115
8+80.0	15.8	67.8	0.0	40	0	0	155	0	155
8+82.2	2.2	73.2	0.0	6	0	0	161	0	161
9+00.0	17.8	72.9	0.2	48	0	0	209	0	209
9+10.0	10.0	93.4	0.0	31	0	0	240	0	240
9+25.0	15.0	173.9	0.0	74	0	0	314	0	314
9+32.1	7.1	166.3	0.0	45	0	0	359	0	358
9+50.0	17.9	120.7	0.0	95	0	0	454	0	454
9+61.3	11.3	95.8	0.0	45	0	0	499	0	499
9+75.5	14.2	61.3	0.0	41	0	0	541	0	540
9+94.6	19.1	31.1	0.0	33	0	0	573	0	573
TOTALS				573	0	0			

CTH B - STA. 10+04 - 11+42

STATION	LENGTH	CUT END AREA	FILL END AREA	CUT RAW VOLUME	FILL RAW VOLUME	(ADJUSTED) FILL RAW VOLUME * 1.25	CUMULATIVE CUT VOLUME	(ADJUSTED) CUMULATIVE FILL VOLUME	MASS ORDINATE
	LF	SF	SF	CY	CY	CY	CY	CY	CY
10+04.3	-	6.6	0.0	-	-	-	-	-	-
10+25.8	21.6	36.4	55.3	17	22	28	17	28	-10
10+50.6	24.8	93.5	11.4	60	31	38	77	66	11
10+68.0	17.4	49.7	35.1	46	15	19	123	85	38
10+83.7	15.7	67.2	0.5	34	10	13	157	98	59
11+00.0	16.3	69.6	0.0	41	0	0	198	98	100
11+25.0	25.0	40.0	0.0	51	0	0	249	98	151
11+42.5	17.5	37.4	0.0	25	0	0	274	98	176
TOTALS				274	78	98			

SHARED USE PATH - STA. 10+11 - 61+60

STATION	LENGTH	CUT END AREA	FILL END AREA	CUT RAW VOLUME	FILL RAW VOLUME	(ADJUSTED) FILL RAW VOLUME * 1.25	CUMULATIVE CUT VOLUME	(ADJUSTED) CUMULATIVE FILL VOLUME	MASS ORDINATE
	LF	SF	SF	CY	CY	CY	CY	CY	CY
10+11.2	-	7.9	0.0	-	-	-	-	-	-
10+25.0	13.8	0.2	5.4	2	1	2	2	2	0
10+40.0	15.0	0.0	18.1	0	7	8	2	10	-8
11+00.0	60.0	0.0	21.1	0	44	54	2	64	-62
11+50.0	50.0	0.0	7.6	0	27	33	2	97	-95
12+[illegible].0	[illegible]	[illegible].8	1.3	2	[illegible]	10	4	108	-104
12+[illegible].0	[illegible]	[illegible].8	0.0	9	[illegible]	1	13	109	-97
13+[illegible].0	[illegible]	[illegible].3	0.0	13	0	0	26	109	-84
13+[illegible].0	[illegible]	[illegible].0	[illegible].3	13	0	0	36	110	-73
14+[illegible].0	[illegible]	[illegible].4	[illegible]	9	1	1	45	110	-66
14+[illegible].0	[illegible]	[illegible].8	5.[illegible]	13	5	6	58	117	-59
15+00.0	50.0	36.2	25.0	43	28	35	101	152	-51
15+12.0	12.0	43.6	25.6	18	11	14	118	166	-47
15+50.0	38.0	23.2	25.5	47	36	45	165	211	-45
16+00.0	50.0	40.6	0.3	59	24	30	224	241	-16
16+50.0	50.0	9.3	0.3	46	1	1	271	241	29
17+00.0	50.0	6.9	0.0	15	0	0	286	242	44
17+50.0	50.0	1.9	0.9	8	1	1	294	243	51
18+00.0	50.0	0.4	1.0	2	2	2	296	245	51
18+50.0	50.0	0.0	6.1	0	7	8	296	253	43
19+00.0	50.0	0.0	4.4	0	10	12	296	265	31
19+50.0	50.0	0.3	4.3	0	8	10	297	275	21
20+00.0	50.0	0.0	7.1	0	11	13	297	288	8
20+50.0	50.0	0.7	15.5	1	21	26	297	315	-17
21+00.0	50.0	0.0	51.8	1	62	78	298	393	-94
21+50.0	50.0	0.0	149.9	0	187	233	298	626	-328
22+00.0	50.0	0.0	120.5	0	250	313	298	939	-641
22+50.0	50.0	0.0	62.0	0	169	211	298	1150	-852
23+00.0	50.0	0.0	10.7	0	67	84	298	1235	-936
23+50.0	50.0	5.7	0.6	5	11	13	303	1248	-944
24+00.0	50.0	5.3	0.3	10	1	1	314	1249	-935
24+50.0	50.0	9.2	0.0	13	0	0	327	1249	-922
24+60.2	10.2	11.9	0.0	4	0	0	331	1249	-918
24+70.6	10.4	11.9	0.0	5	0	0	336	1249	-914
24+70.7	0.1	0.0	0.0	0	0	0	336	1249	-914
25+10.4	39.7	0.0	0.0	0	0	0	336	1249	-914
25+10.5	0.1	6.8	0.1	0	0	0	336	1249	-914
25+50.0	39.5	0.8	1.5	6	1	1	341	1251	-909
26+00.0	50.0	4.1	0.6	5	2	2	346	1253	-907

PRELIMINARY

SHARED USE PATH - STA. 10+11 - 61+60 CONT'D

STATION	LENGTH	CUT END AREA	FILL END AREA	CUT RAW VOLUME	FILL RAW VOLUME	(ADJUSTED) FILL RAW VOLUME * 1.25	CUMULATIVE CUT VOLUME	(ADJUSTED) CUMULATIVE FILL VOLUME	MASS ORDINATE
	LF	SF	SF	CY	CY	CY	CY	CY	CY
26+50.0	50.0	6.2	0.2	9	1	1	355	1254	-899
27+00.0	50.0	6.5	0.4	12	1	1	367	1254	-888
27+50.0	50.0	1.2	2.1	7	2	3	374	1257	-883
28+00.0	50.0	0.5	4.8	2	6	8	376	1265	-890
28+50.0	50.0	0.8	2.9	1	7	9	377	1274	-897
29+00.0	50.0	11.8	0.0	12	3	3	388	1278	-889
29+10.0	10.0	14.1	0.0	5	0	0	393	1278	-884
29+50.0	40.0	17.2	0.0	23	0	0	416	1278	-861
30+00.0	50.0	10.4	0.8	26	1	1	442	1279	-837
30+50.0	50.0	2.8	3.7	12	4	5	454	1284	-830
31+00.0	50.0	5.0	3.1	7	6	8	461	1292	-830
31+50.0	50.0	6.0	1.4	10	4	5	471	1297	-825
32+00.0	50.0	2.7	1.7	8	3	4	480	1300	-821
32+50.0	50.0	11.3	0.0	13	2	2	493	1302	-810
32+58.0	8.0	14.5	0.0	4	0	0	496	1302	-806
32+58.1	0.1	14.5	0.0	0	0	0	496	1302	-806
32+91.8	33.7	14.2	0.0	18	0	0	514	1302	-788
32+91.9	0.1	14.2	0.0	0	0	0	514	1302	-788
33+00.0	8.1	10.5	0.0	4	0	0	518	1302	-784
33+25.0	25.0	4.4	11.7	7	5	7	525	1309	-784
33+35.0	10.0	5.3	11.0	2	4	5	527	1314	-787
33+40.0	5.0	5.7	11.4	1	2	3	528	1317	-789
33+45.0	5.0	6.3	10.1	1	2	2	529	1319	-790
33+50.0	5.0	6.5	2.1	1	1	1	530	1321	-791
34+00.0	50.0	0.0	6.3	6	8	10	536	1330	-794
34+50.0	50.0	3.9	0.2	4	[illegible]	[illegible]	[illegible]	1338	-798
35+00.0	50.0	5.8	0.0	9	[illegible]	[illegible]	549	1338	-789
35+50.0	50.0	6.6	0.0	11	[illegible]	[illegible]	560	1338	-778
36+00.0	50.0	16.9	0.0	22	[illegible]	[illegible]	[illegible]	1338	-756
36+22.6	22.6	14.8	0.0	13	[illegible]	[illegible]	595	1338	-743
36+22.7	0.1	14.8	0.0	0	[illegible]	[illegible]	595	1338	-743
36+55.9	33.2	18.2	0.0	20	[illegible]	[illegible]	[illegible]	[illegible]	-723
36+56.0	0.1	18.2	0.0	0	0	0	616	1338	-723
37+00.0	44.0	17.7	0.0	29	0	0	645	1338	-693
37+50.0	50.0	8.8	0.1	25	0	0	669	1338	-669
38+00.0	50.0	6.8	0.7	14	1	1	684	1339	-655
38+50.0	50.0	8.4	0.0	14	1	1	698	1340	-642
39+00.0	50.0	5.4	1.1	13	1	1	711	1341	-631
39+50.0	50.0	11.5	0.0	16	1	1	726	1343	-616
40+00.0	50.0	10.8	0.0	21	0	0	747	1343	-596
40+00.1	0.1	0.0	0.0	0	0	0	747	1343	-596
40+20.6	20.5	0.0	0.0	0	0	0	747	1343	-596
40+20.7	0.1	7.9	0.1	0	0	0	747	1343	-596
40+50.0	29.3	6.7	0.7	8	0	1	755	1343	-588
41+00.0	50.0	5.3	2.0	11	2	3	766	1346	-580
41+50.0	50.0	4.3	1.9	9	4	4	775	1351	-576
41+98.7	48.7	9.0	0.0	12	2	2	787	1353	-566
41+98.7	0.0	0.0	0.0	0	0	0	787	1353	-566
42+12.8	14.1	0.0	0.0	0	0	0	787	1353	-566
42+13.0	0.2	10.0	0.2	0	0	0	787	1353	-566
42+50.0	37.0	17.3	0.0	19	0	0	806	1353	-547
43+00.0	50.0	10.5	0.9	26	1	1	831	1354	-523
43+50.0	50.0	10.8	0.8	20	2	2	851	1356	-505
44+00.0	50.0	8.1	2.2	17	3	3	868	1359	-491
44+50.0	50.0	10.1	0.9	17	3	4	885	1363	-478
45+00.0	50.0	8.6	1.6	17	2	3	903	1366	-463
45+50.0	50.0	8.2	4.6	16	6	7	918	1373	-455
46+00.0	50.0	5.2	12.0	12	15	19	931	1392	-461
46+50.0	50.0	5.9	7.4	10	18	22	941	1414	-474
47+00.0	50.0	8.0	6.6	13	13	16	954	1431	-477

SHARED USE PATH - STA. 10+11 - 61+60 CONT'D

STATION	LENGTH	CUT END AREA	FILL END AREA	CUT RAW VOLUME	FILL RAW VOLUME	(ADJUSTED) FILL RAW VOLUME * 1.25	CUMULATIVE CUT VOLUME	(ADJUSTED) CUMULATIVE FILL VOLUME	MASS ORDINATE
	LF	SF	SF	CY	CY	CY	CY	CY	CY
47+50.0	50.0	10.7	2.8	17	9	11	971	1442	-470
48+00.0	50.0	13.5	3.4	22	6	7	994	1449	-455
48+50.0	50.0	13.9	0.9	25	4	5	1019	1454	-435
48+72.2	22.2	18.4	0.0	13	0	0	1032	1454	-422
48+72.2	0.0	0.0	0.0	0	0	0	1032	1454	-422
49+96.0	123.8	0.0	0.0	0	0	0	1032	1454	-422
48+96.2	-99.8	9.6	0.1	-18	0	0	1014	1454	-440
49+00.0	3.8	11.3	0.0	1	0	0	1016	1454	-438
49+50.0	50.0	7.4	0.1	17	0	0	1033	1454	-421
50+00.0	50.0	6.3	0.6	13	1	1	1046	1455	-409
50+50.0	50.0	4.9	1.1	10	2	2	1056	1457	-401
51+00.0	50.0	3.5	1.8	8	3	3	1064	1460	-396
51+50.0	50.0	1.4	2.3	5	4	5	1068	1465	-396
52+00.0	50.0	5.5	0.6	6	3	3	1075	1468	-393
52+50.0	50.0	4.8	0.9	9	1	2	1084	1470	-386
53+00.0	50.0	8.0	0.3	12	1	1	1096	1471	-375
53+45.0	45.0	10.8	0.0	16	0	0	1112	1472	-360
53+45.0	0.0	0.0	0.0	0	0	0	1112	1472	-360
53+69.4	24.4	0.0	0.0	0	0	0	1112	1472	-360
53+69.6	0.2	7.3	0.3	0	0	0	1112	1472	-360
54+00.0	30.4	2.5	1.7	6	1	1	1117	1473	-356
54+50.0	50.0	7.1	0.4	9	2	2	1126	1476	-349
55+00.0	50.0	8.1	0.5	14	1	1	1140	1477	-336
55+50.0	50.0	8.0	0.2	15	1	1	1155	1477	-322
56+00.0	50.0	7.5	0.4	14	0	1	1169	1478	-308
56+50.0	[illegible]	[illegible]	[illegible]	0.0	[illegible]	[illegible]	[illegible]	1478	-293
57+00.0	[illegible]	[illegible]	[illegible]	0.8	15	1	1200	1479	-279
57+50.0	[illegible]	[illegible]	[illegible]	[illegible]	11	2	1211	1481	-270
58+00.0	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	1	1222	1483	-261
58+50.0	[illegible]	[illegible]	[illegible]	[illegible]	14	0	1236	1484	-247
58+72.0	[illegible]	[illegible]	[illegible]	0.[illegible]	8	0	1244	1484	-240
58+72.1	[illegible]	[illegible]	[illegible]	0.0	0	0	1244	1484	-240
59+04.4	29.3	0.0	0.0	0	0	0	1244	1484	-240
59+04.6	0.2	2.0	1.3	0	0	0	1244	1484	-240
59+50.0	45.4	4.0	2.2	5	3	4	1249	1487	-238
60+00.0	50.0	0.5	3.2	4	5	6	1253	1494	-240
60+50.0	50.0	5.8	0.1	6	3	4	1259	1498	-238
61+00.0	50.0	6.7	0.1	12	0	0	1271	1498	-227
61+50.0	50.0	9.5	0.0	15	0	0	1286	1498	-212
61+59.8	9.8	10.2	0.0	4	0	0	1289	1498	-209
TOTALS				1289	1198	1498			

ATV / SNOWMOBILE TRAIL 'T3' - STA. 10+17 - 11+10

STATION	LENGTH	CUT END AREA	FILL END AREA	CUT RAW VOLUME	FILL RAW VOLUME	(ADJUSTED) FILL RAW VOLUME * 1.25	CUMULATIVE CUT VOLUME	(ADJUSTED) CUMULATIVE FILL VOLUME	MASS ORDINATE
	LF	SF	SF	CY	CY	CY	CY	CY	CY
10+17.0	-	14.6	0.0	-	-	-	-	-	-
10+30.0	13.0	0.0	48.3	4	12	15	4	15	-11
10+40.0	10.0	0.0	57.7	0	20	25	4	39	-36
10+50.0	10.0	0.0	47.7	0	20	24	4	63	-60
10+70.0	20.0	0.0	39.7	0	32	40	4	104	-100
10+80.0	10.0	0.0	37.5	0	14	18	4	122	-118
11+00.0	20.0	2.1	3.4	1	15	19	4	141	-136
11+10.0	10.0	19.3	0.0	4	1	1	8	141	-133
TOTALS				8	113	141			

PRELIMINARY

ATV / SNOWMOBILE TRAIL 'T1' - STA. 10+11 - 31+69

STATION	LENGTH	CUT END AREA	FILL END AREA	CUT RAW VOLUME	FILL RAW VOLUME	(ADJUSTED) FILL RAW VOLUME * 1.25	CUMULATIVE CUT VOLUME	(ADJUSTED) CUMULATIVE FILL VOLUME	MASS ORDINATE
	LF	SF	SF	CY	CY	CY	CY	CY	CY
10+11.0	-	7.6	0.0	-	-	-	-	-	-
10+50.0	39.0	3.6	1.1	8	1	1	8	1	7
11+00.0	50.0	7.3	0.0	10	1	1	18	2	16
11+03.0	3.0	7.3	0.0	1	0	0	19	2	17
11+03.1	0.1	0.0	0.0	0	0	0	19	2	17
11+35.7	32.6	0.0	0.0	0	0	0	19	2	17
11+35.8	0.1	8.0	0.0	0	0	0	19	2	17
11+50.0	14.2	1.7	5.1	3	1	2	22	4	18
11+58.2	8.2	1.3	5.0	0	2	2	22	6	16
12+00.0	41.8	4.2	1.2	4	5	6	26	12	14
12+50.0	50.0	7.8	0.1	11	1	1	37	13	24
12+59.2	9.2	7.5	0.1	3	0	0	40	13	27
12+59.3	0.1	0.0	0.0	0	0	0	40	13	27
24+39.9	1180.6	0.0	0.0	0	0	0	40	13	27
24+40.0	0.1	7.9	0.1	0	0	0	40	13	27
24+50.0	10.0	7.0	0.1	3	0	0	43	13	29
25+00.0	50.0	8.2	0.4	14	0	1	57	14	43
25+50.0	50.0	9.1	0.9	16	1	1	73	15	57
25+91.0	41.0	0.0	4.0	7	4	5	80	20	60
25+91.1	0.1	0.0	0.0	0	0	0	80	20	60
26+31.7	40.6	0.0	0.0	0	0	0	80	20	60
26+31.8	0.1	10.5	0.0	0	0	0	80	20	60
26+50.0	18.3	10.6	0.0	7	0	0	87	20	67
27+00.0	50.0	7.9	1.4	17	1	2	104	22	82
27+50.0	50.0	7.5	1.0	14	2	3	118	24	94
28+00.0	50.0	7.8	0.9	14	2	2	132	27	106
28+50.0	50.0	5.9	0.8	13	2	2	145	29	116
29+00.0	50.0	4.8	1.2	10	2	5	155	31	124
29+50.0	50.0	6.9	0.8	11	2	5	165	33	132
30+00.0	50.0	10.7	0.0	16	1	1	181	34	148
30+25.0	25.0	11.0	0.0	10	0	0	192	34	158
30+50.0	25.0	11.1	0.0	10	0	0	202	34	168
30+54.2	4.2	13.6	0.0	2	0	0	204	34	170
30+54.3	0.1	0.0	0.0	0	0	0	204	34	170
30+66.9	12.6	0.0	0.0	0	0	0	204	34	170
30+67.0	0.1	15.9	0.0	0	0	0	204	34	170
30+84.1	17.1	8.4	0.0	8	0	0	212	34	178
30+84.2	0.1	0.0	0.0	0	0	0	212	34	178
0+00.0	-3084.2	0.0	0.0	0	0	0	212	34	178
31+60.6	3160.6	9.8	0.0	571	0	0	782	34	748
31+69.4	8.8	8.6	0.0	3	0	0	785	34	751
TOTALS				785	27	34			

ATV / SNOWMOBILE TRAIL 'T2' - STA. 14+30 - 27+65

STATION	LENGTH	CUT END AREA	FILL END AREA	CUT RAW VOLUME	FILL RAW VOLUME	(ADJUSTED) FILL RAW VOLUME * 1.25	CUMULATIVE CUT VOLUME	(ADJUSTED) CUMULATIVE FILL VOLUME	MASS ORDINATE
	LF	SF	SF	CY	CY	CY	CY	CY	CY
14+29.9	-	0.0	0.0	-	-	-	-	-	-
14+30.0	0.1	31.5	0.0	0	0	0	0	0	0
14+50.0	20.0	13.0	0.0	16	0	0	17	0	17
14+84.1	34.1	0.0	0.4	8	0	0	25	0	24
14+84.1	0.0	0.0	0.0	0	0	0	25	0	24
16+59.4	175.3	0.0	0.0	0	0	0	25	0	24
16+59.5	0.1	8.0	0.0	0	0	0	25	0	24
16+99.5	40.0	25.6	0.0	25	0	0	50	0	49
16+99.6	0.1	0.0	0.0	0	0	0	50	0	49
17+23.4	23.8	0.0	0.0	0	0	0	50	0	49
17+23.6	0.1	22.7	0.0	0	0	0	50	0	49
17+50.0	26.5	11.2	0.0	17	0	0	66	0	66
17+63.6	13.6	8.0	0.0	5	0	0	71	0	71
17+63.6	0.0	0.0	0.0	0	0	0	71	0	71
19+82.3	218.7	0.0	0.0	0	0	0	71	0	71
19+82.4	0.1	7.8	0.0	0	0	0	71	0	71
20+00.0	17.6	6.6	0.0	5	0	0	76	0	75
20+50.0	50.0	6.1	0.0	12	0	0	88	0	87
21+00.0	50.0	6.3	0.1	12	0	0	99	1	99
21+50.0	50.0	9.2	0.0	14	0	0	113	1	113
21+72.5	22.5	7.9	0.0	7	0	0	121	1	120
21+72.6	0.1	0.0	0.0	0	0	0	121	1	120
21+96.5	23.9	0.0	0.0	0	0	0	121	1	120
21+[illegible].6	1	[illegible].9	0.0	[illegible]	0	0	121	1	120
22+[illegible].0	[illegible]	[illegible].1	0.1	1	0	0	121	1	121
22+[illegible].0	[illegible]	[illegible].0	[illegible].9	10	[illegible]	2	132	3	129
23+[illegible].0	0.0	[illegible].7	[illegible].3	[illegible]	2	3	148	6	143
23+[illegible].0	0.0	[illegible].8	[illegible]	15	1	1	163	7	157
24+[illegible].0	0.0	[illegible].5	0.[illegible]	13	1	2	177	8	169
24+[illegible].0	[illegible].0	[illegible].4	0.[illegible]	16	1	2	192	10	183
25+00.0	50.0	5.6	0.1	12	1	1	204	11	194
25+50.0	50.0	6.6	0.0	11	0	0	216	11	205
26+00.0	50.0	6.1	0.2	12	0	0	227	11	217
26+50.0	50.0	6.4	0.0	12	0	0	239	11	228
27+00.0	50.0	3.0	0.6	9	1	1	248	12	236
27+06.1	6.1	5.5	0.0	1	0	0	249	12	237
27+06.2	0.1	0.0	0.0	0	0	0	249	12	237
27+30.0	23.8	0.0	0.0	0	0	0	249	12	237
27+30.2	0.2	2.0	2.2	0	0	0	249	12	237
27+50.0	19.8	4.6	0.4	2	1	1	251	13	238
27+64.7	14.7	7.0	0.0	3	0	0	254	13	241
TOTALS				254	11	13			

PRELIMINARY

PROJECT NO: 1560-31-71	HWY: USH 63	COUNTY: WASHBURN	EARTHWORK	SHEET	E

FILE NAME : \\NWBESERVER\DRAWINGS\NWBE_PROJECTS\DESIGN\1101_SHELL_LAKE_SS\C3D_12\090101_EW.DWG PLOT DATE : 9/10/2014 9:44 AM PLOT BY : GARY COLBERT PLOT NAME : ----------

WISDOT/CADDS SHEET 49

COMMERCIAL ENTRANCE (FARLEY AUTO BODY) 'C2' - STA. 8+38 - 9+90

STATION	LENGTH	CUT END AREA	FILL END AREA	CUT RAW VOLUME	FILL RAW VOLUME	(ADJUSTED) FILL RAW VOLUME * 1.25	CUMULATIVE CUT VOLUME	(ADJUSTED) CUMULATIVE FILL VOLUME	MASS ORDINATE
	LF	SF	SF	CY	CY	CY	CY	CY	CY
8+38.0	-	26.4	0.0	-	-	-	-	-	-
8+50.0	12.0	27.1	3.3	12	1	1	12	1	11
8+76.4	26.4	46.4	11.4	36	7	9	48	10	38
9+00.0	23.6	0.1	17.0	20	12	15	68	25	43
9+50.0	50.0	0.2	9.8	0	25	31	68	56	12
9+87.8	37.8	49.3	0.0	35	7	9	103	65	38
9+90.3	2.5	41.6	0.0	4	0	0	107	65	42
TOTALS				107	52	65			

SS OUTFALL / STILLING BASIN 'BD' - STA. 28+27 - 29+15

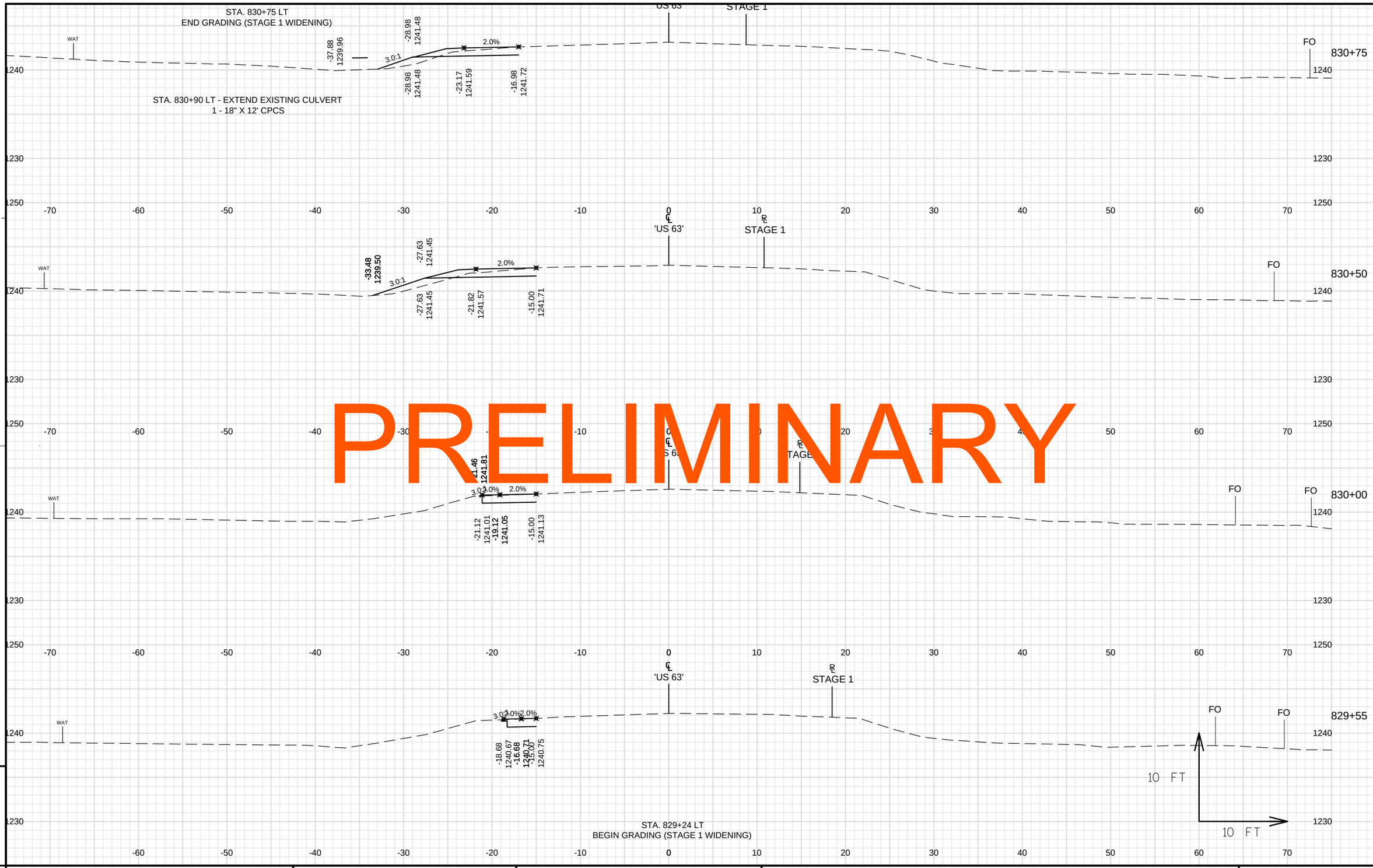
STATION	LENGTH	CUT END AREA	FILL END AREA	CUT RAW VOLUME	FILL RAW VOLUME	(ADJUSTED) FILL RAW VOLUME * 1.25	CUMULATIVE CUT VOLUME	(ADJUSTED) CUMULATIVE FILL VOLUME	MASS ORDINATE
	LF	SF	SF	CY	CY	CY	CY	CY	CY
28+27.5	-	0.0	0.0	-	-	-	-	-	-
28+50.0	22.5	243.4	0.0	102	0	0	102	0	102
28+55.5	5.5	372.3	0.0	63	0	0	164	0	164
28+60.5	5.0	499.1	0.0	81	0	0	245	0	245
28+72.0	11.5	531.2	0.0	219	0	0	464	0	464
28+75.5	3.5	497.6	0.0	67	0	0	5[illegible]	0	31
28+80.5	5.0	338.0	0.0	77	0	0	6[illegible]	0	08
28+93.0	12.5	77.5	5.8	96	1	2	7[illegible]	2	03
29+13.0	20.0	24.2	0.0	38	2	3	7[illegible]	4	38
29+14.7	1.7	0.0	0.0	1	0	0	7[illegible]	4	39
TOTALS				743	3	4			

PRELIMINARY

PRELIMINARY

STA. 830+75 LT
END GRADING (STAGE 1 WIDENING)

STA. 830+90 LT - EXTEND EXISTING CULVERT
1 - 18" X 12' CPCS

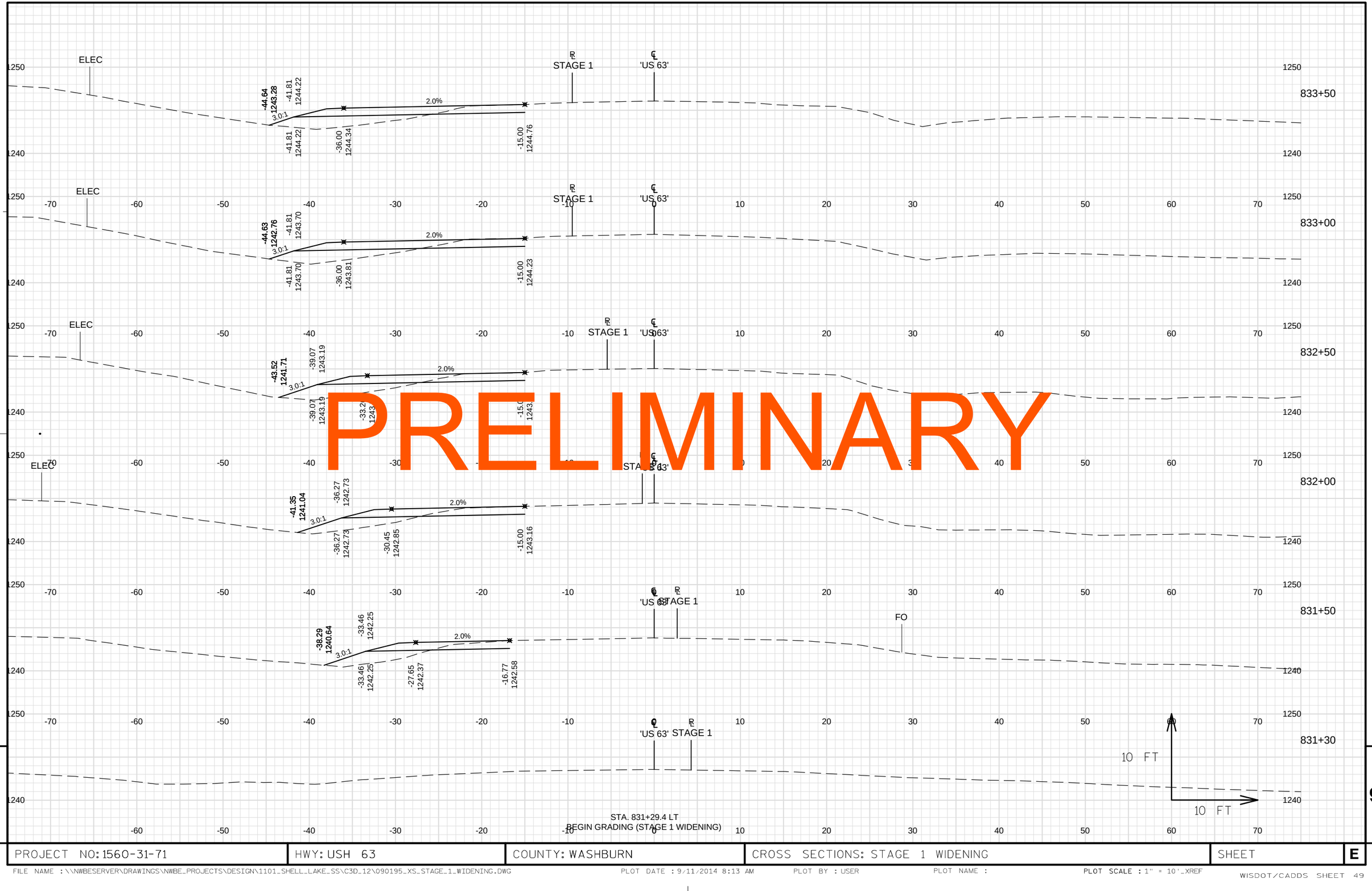


STA. 829+24 LT
BEGIN GRADING (STAGE 1 WIDENING)

PROJECT NO: 1560-31-71	HWY: USH 63	COUNTY: WASHBURN	CROSS SECTIONS: STAGE 1 WIDENING	SHEET E

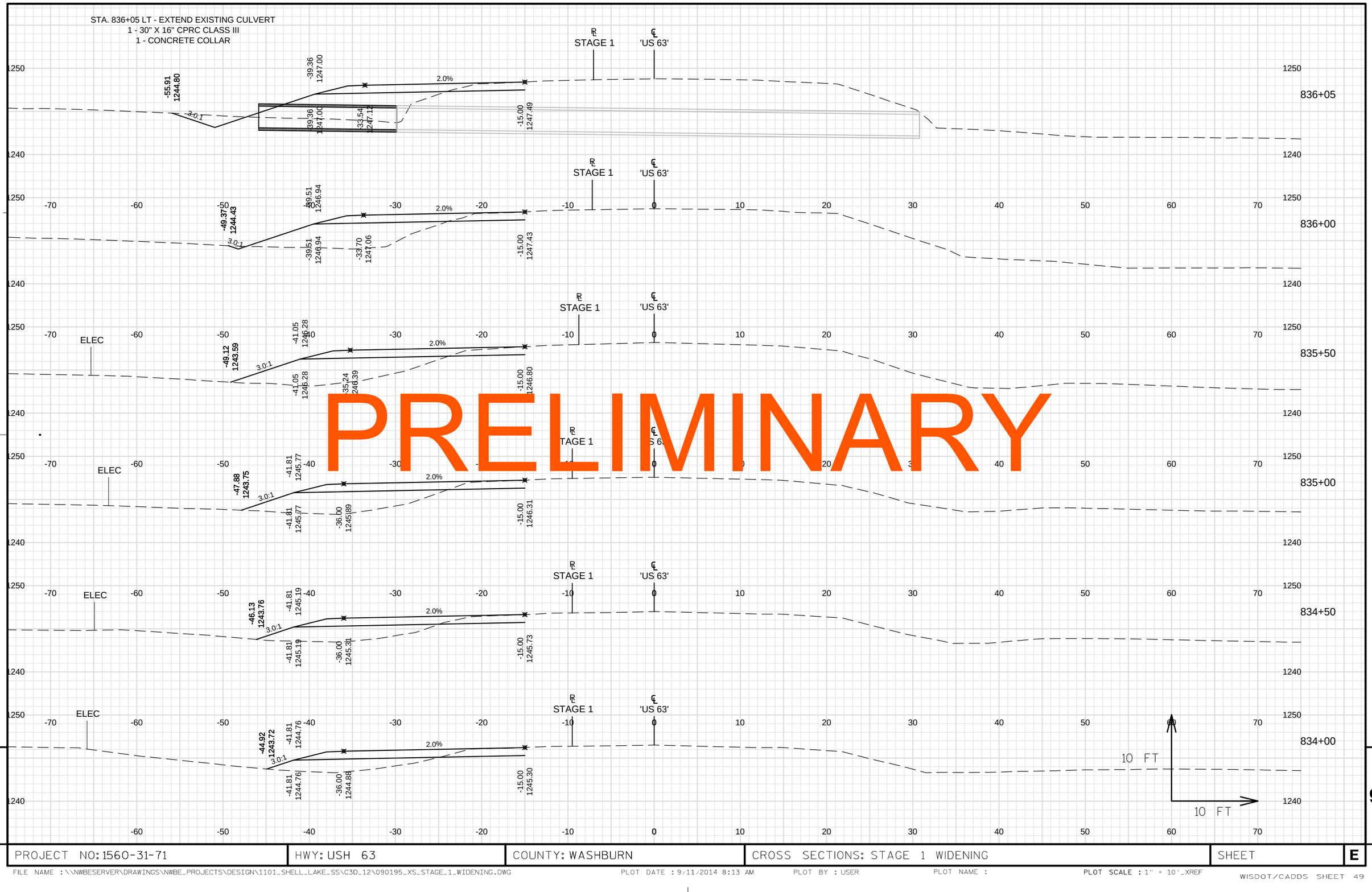
FILE NAME : \\NWBESERVER\DRAWINGS\NWBE_PROJECTS\DESIGN\1101_SHELL_LAKE_SS\C3D_12\090195_XS_STAGE_1_WIDENING.DWG PLOT DATE : 9/11/2014 8:12 AM PLOT BY : USER PLOT NAME : PLOT SCALE : 1" = 10'_XREF

PRELIMINARY



PROJECT NO: 1560-31-71	HWY: USH 63	COUNTY: WASHBURN	CROSS SECTIONS: STAGE 1 WIDENING	SHEET E

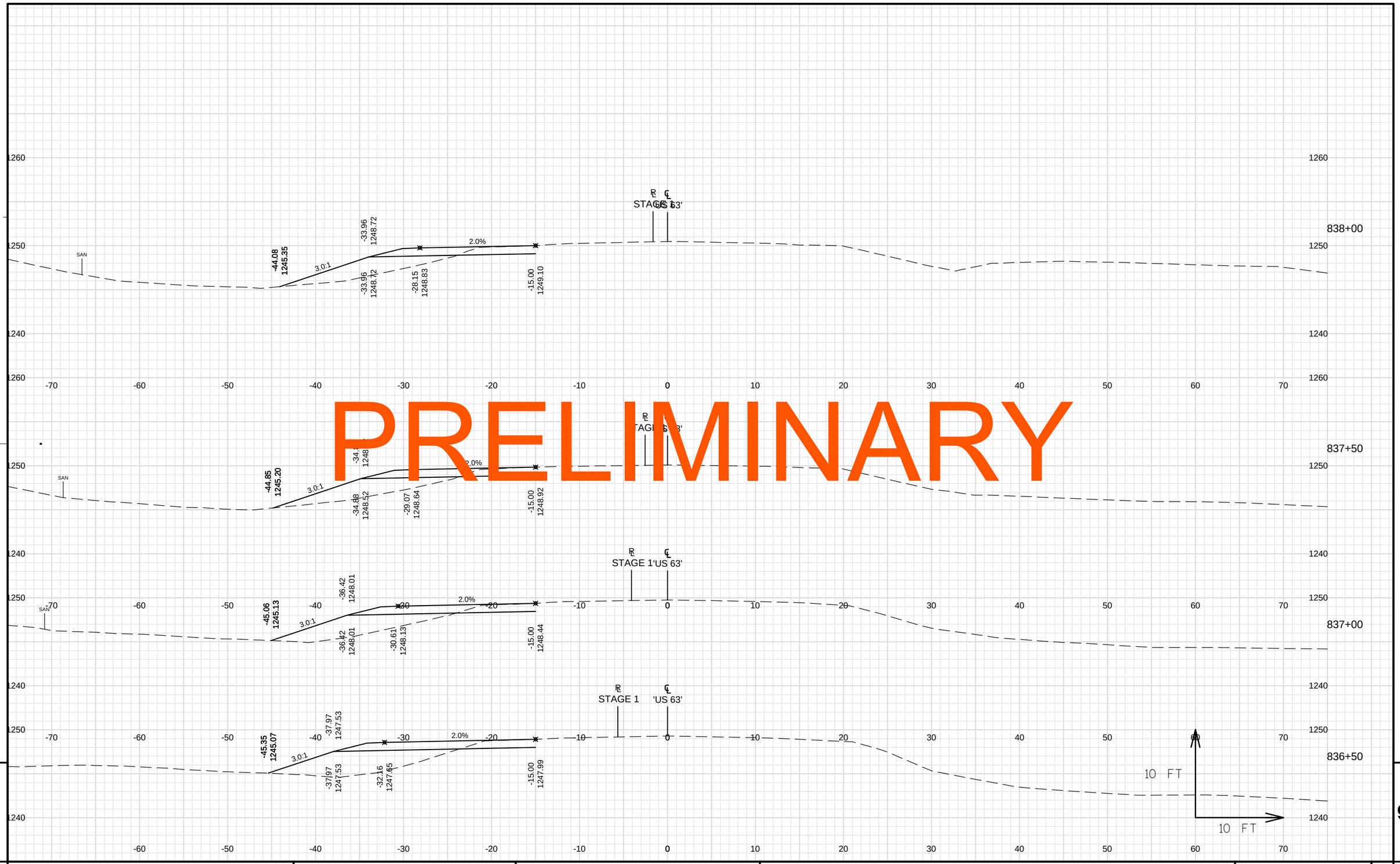
STA. 836+05 LT - EXTEND EXISTING CULVERT
1 - 30" X 16" CPRC CLASS III
1 - CONCRETE COLLAR



PRELIMINARY

PROJECT NO: 1560-31-71	HWY: USH 63	COUNTY: WASHBURN	CROSS SECTIONS: STAGE 1 WIDENING	SHEET E

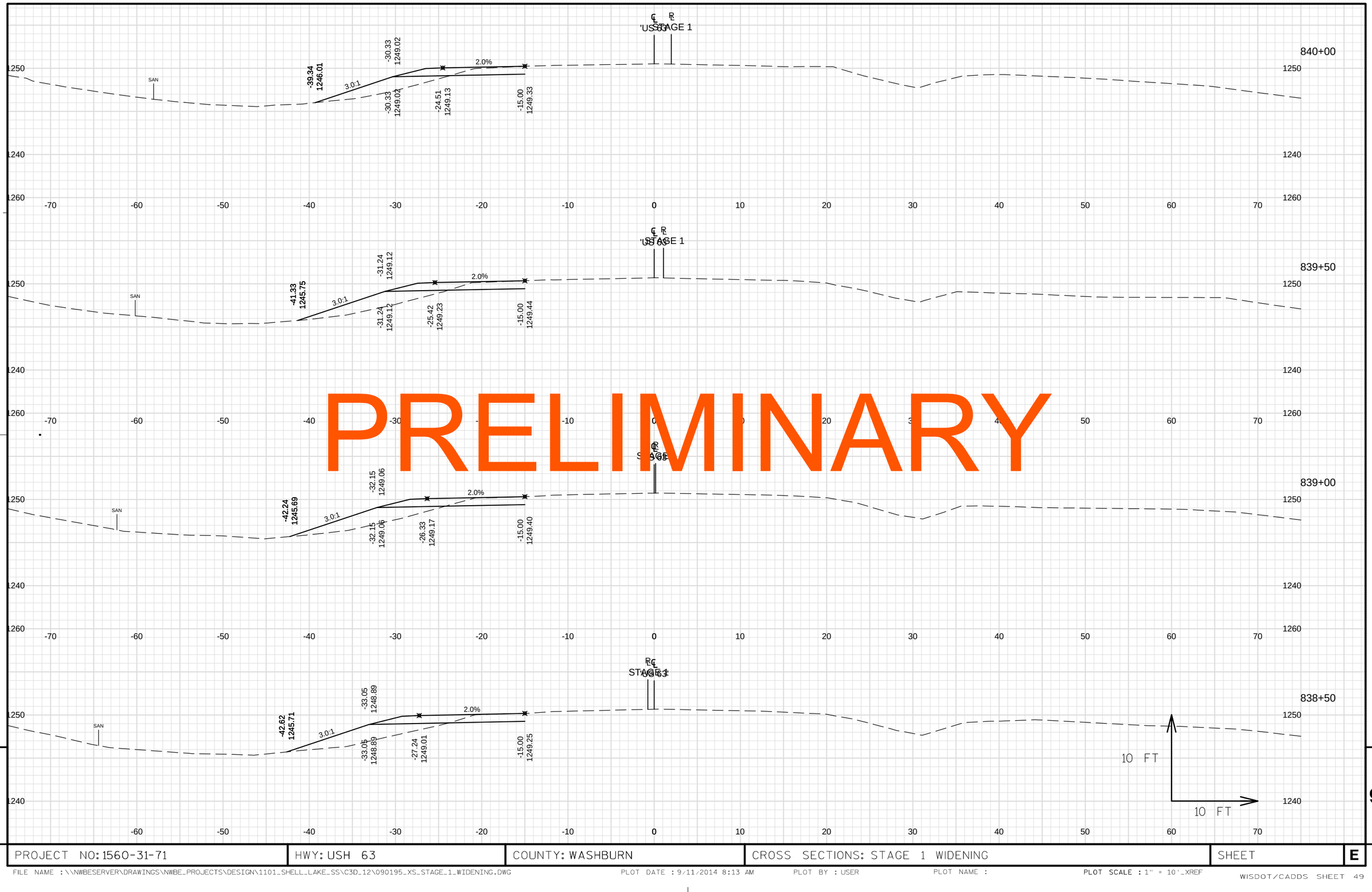
PRELIMINARY



PROJECT NO: 1560-31-71	HWY: USH 63	COUNTY: WASHBURN	CROSS SECTIONS: STAGE 1 WIDENING	SHEET	E

FILE NAME : \\NWBESERVER\DRAWINGS\NWBE_PROJECTS\DESIGN\1101_SHELL_LAKE_SS\C3D_12\090195_XS_STAGE_1_WIDENING.DWG PLOT DATE : 9/11/2014 8:13 AM PLOT BY : USER PLOT NAME : PLOT SCALE : 1" = 10'_XREF

WISDOT/CADDS SHEET 49



PRELIMINARY

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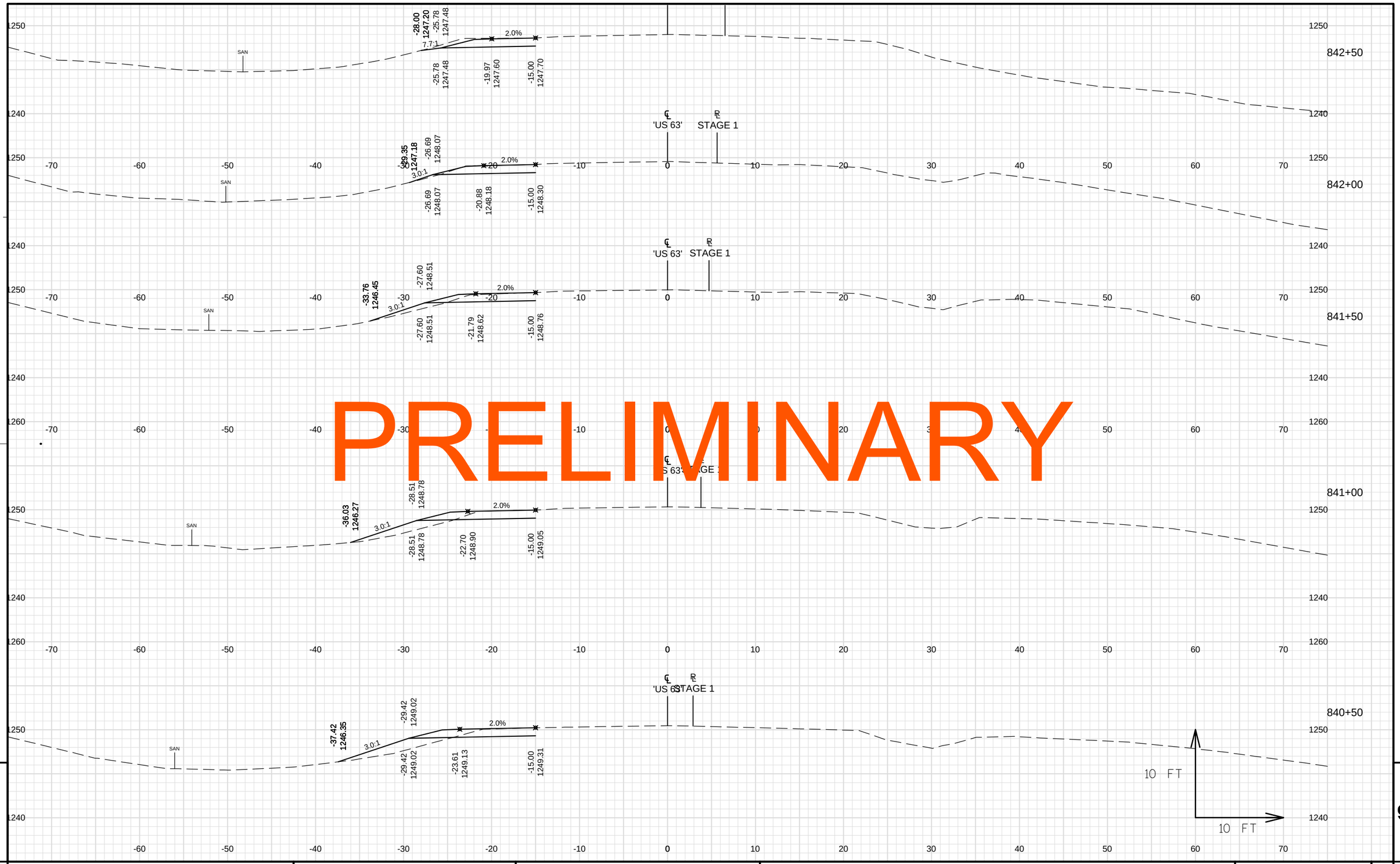
PROJECT NO: 1560-31-71	HWY: USH 63	COUNTY: WASHBURN	CROSS SECTIONS: STAGE 1 WIDENING	SHEET	E

FILE NAME : \\NWBESERVER\DRAWINGS\NWBE_PROJECTS\DESIGN\1101_SHELL_LAKE_SS\C3D_12\090195_XS_STAGE_1_WIDENING.DWG PLOT DATE : 9/11/2014 8:13 AM PLOT BY : USER PLOT NAME : PLOT SCALE : 1" = 10'_XREF

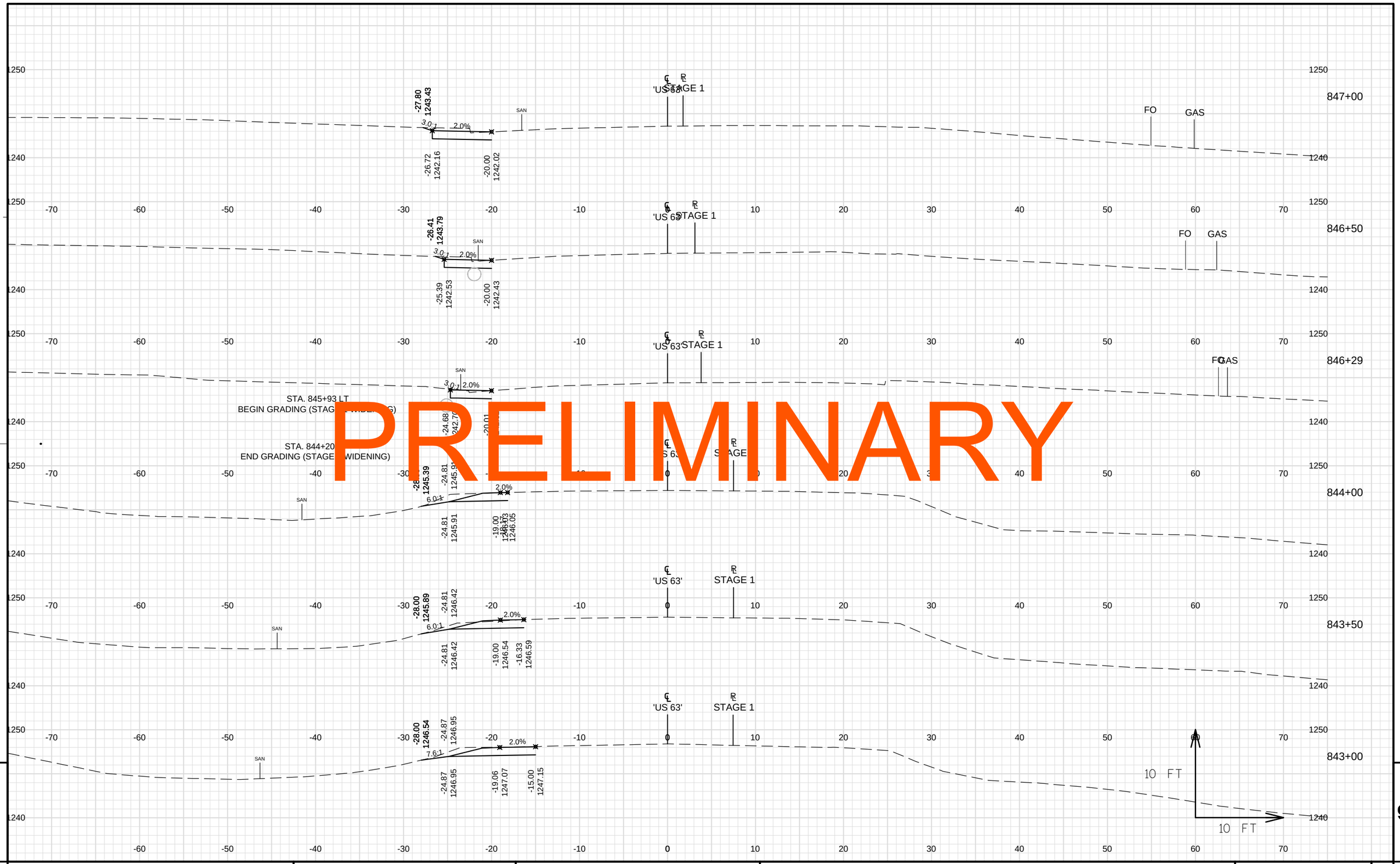
PRELIMINARY



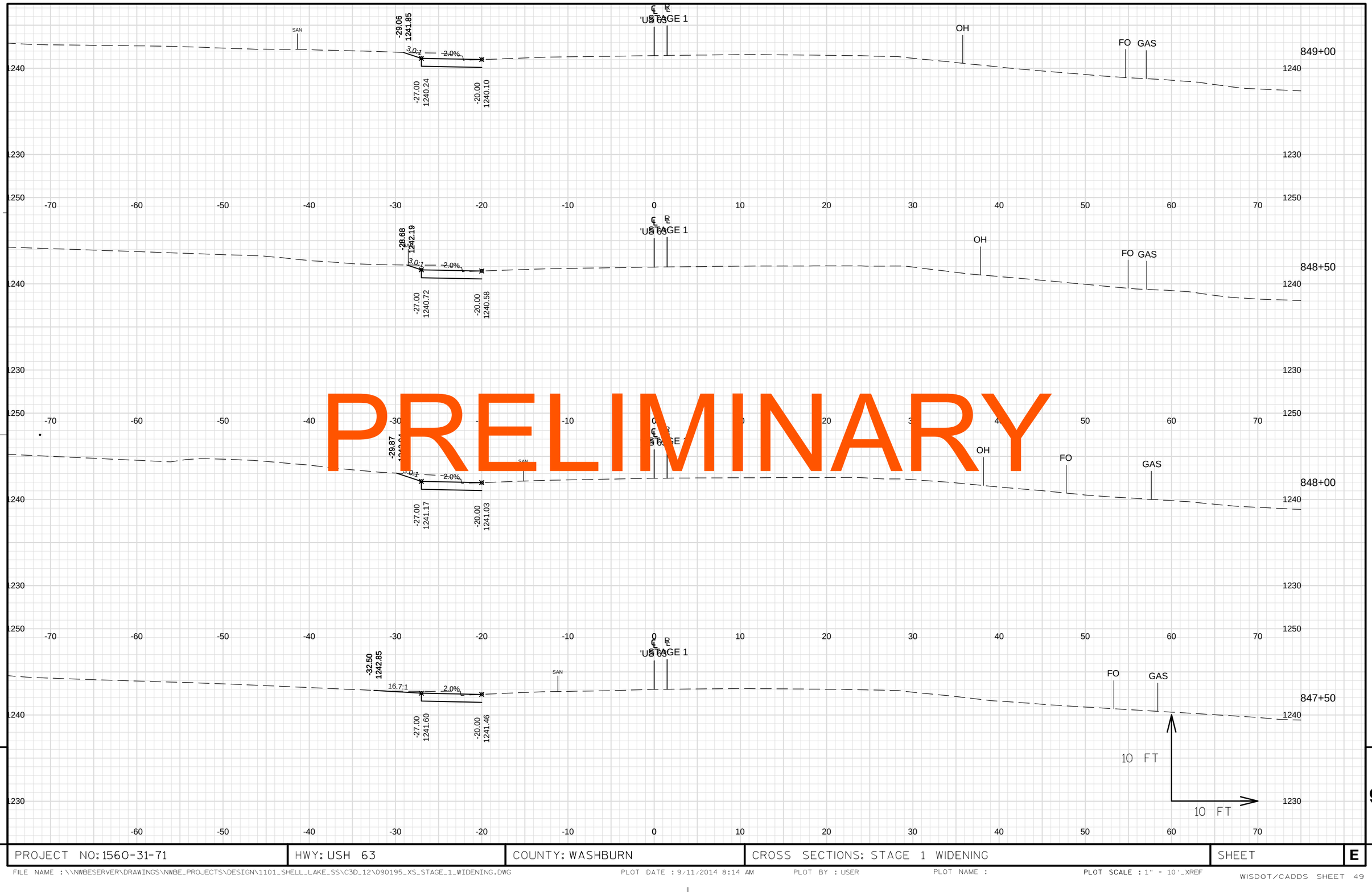
PROJECT NO: 1560-31-71	HWY: USH 63	COUNTY: WASHBURN	CROSS SECTIONS: STAGE 1 WIDENING	SHEET E

FILE NAME : \\NWBESERVER\DRAWINGS\NWBE_PROJECTS\DESIGN\1101_SHELL_LAKE_SS\C3D_12\090195_XS_STAGE_1_WIDENING.DWG PLOT DATE : 9/11/2014 8:13 AM PLOT BY : USER PLOT NAME : PLOT SCALE : 1" = 10'_XREF

PRELIMINARY



PROJECT NO: 1560-31-71	HWY: USH 63	COUNTY: WASHBURN	CROSS SECTIONS: STAGE 1 WIDENING	SHEET E



PRELIMINARY

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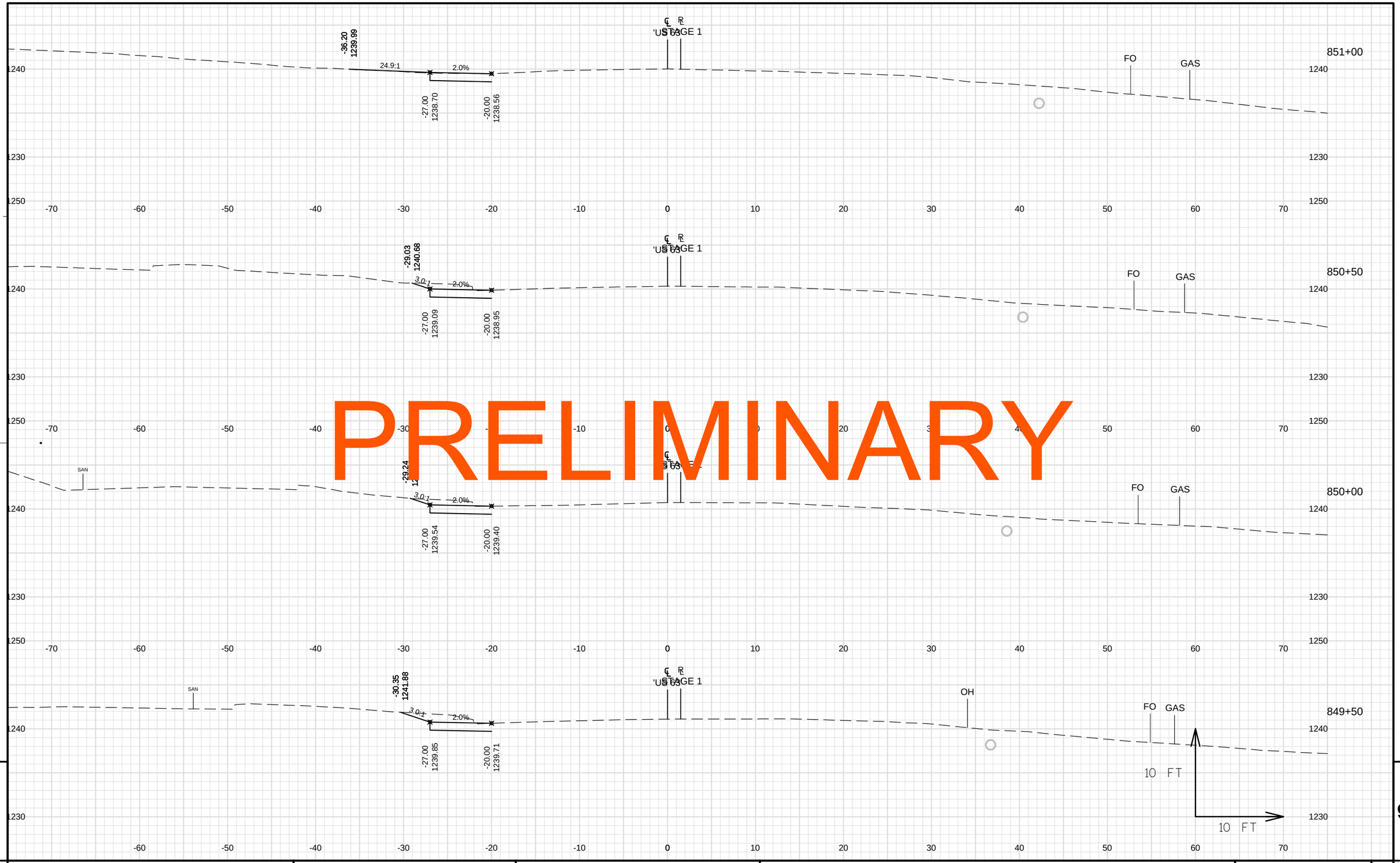
9

PROJECT NO: 1560-31-71	HWY: USH 63	COUNTY: WASHBURN	CROSS SECTIONS: STAGE 1 WIDENING	SHEET	E

PRELIMINARY



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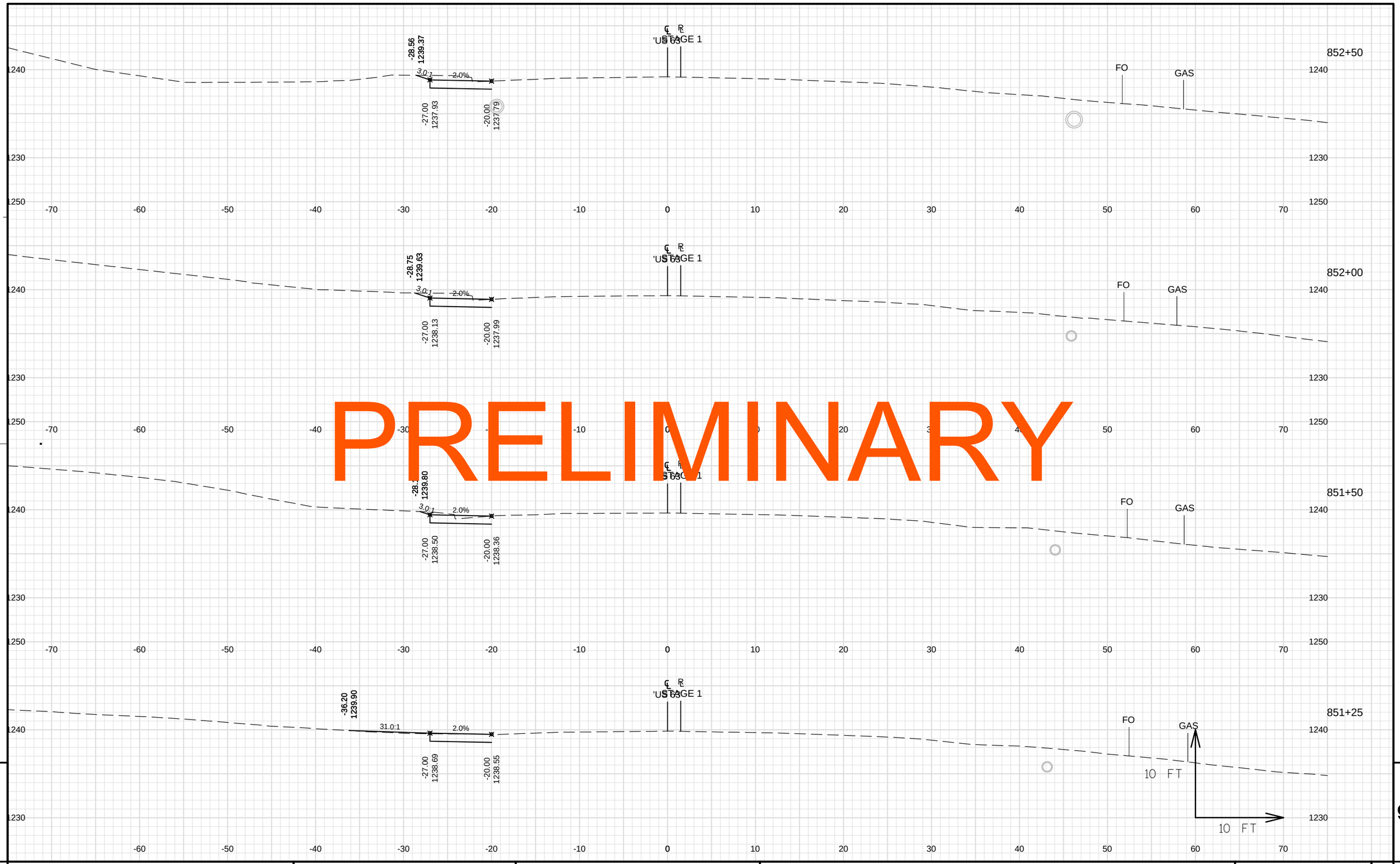
PROJECT NO: 1560-31-71	HWY: USH 63	COUNTY: WASHBURN	CROSS SECTIONS: STAGE 1 WIDENING	SHEET E

FILE NAME : \\NWBESERVER\DRAWINGS\NWBE_PROJECTS\DESIGN\1101_SHELL_LAKE_SS\C3D_12\090195_XS_STAGE_1_WIDENING.DWG PLOT DATE : 9/11/2014 8:14 AM PLOT BY : USER PLOT NAME : PLOT SCALE : 1" = 10'_XREF



PRELIMINARY

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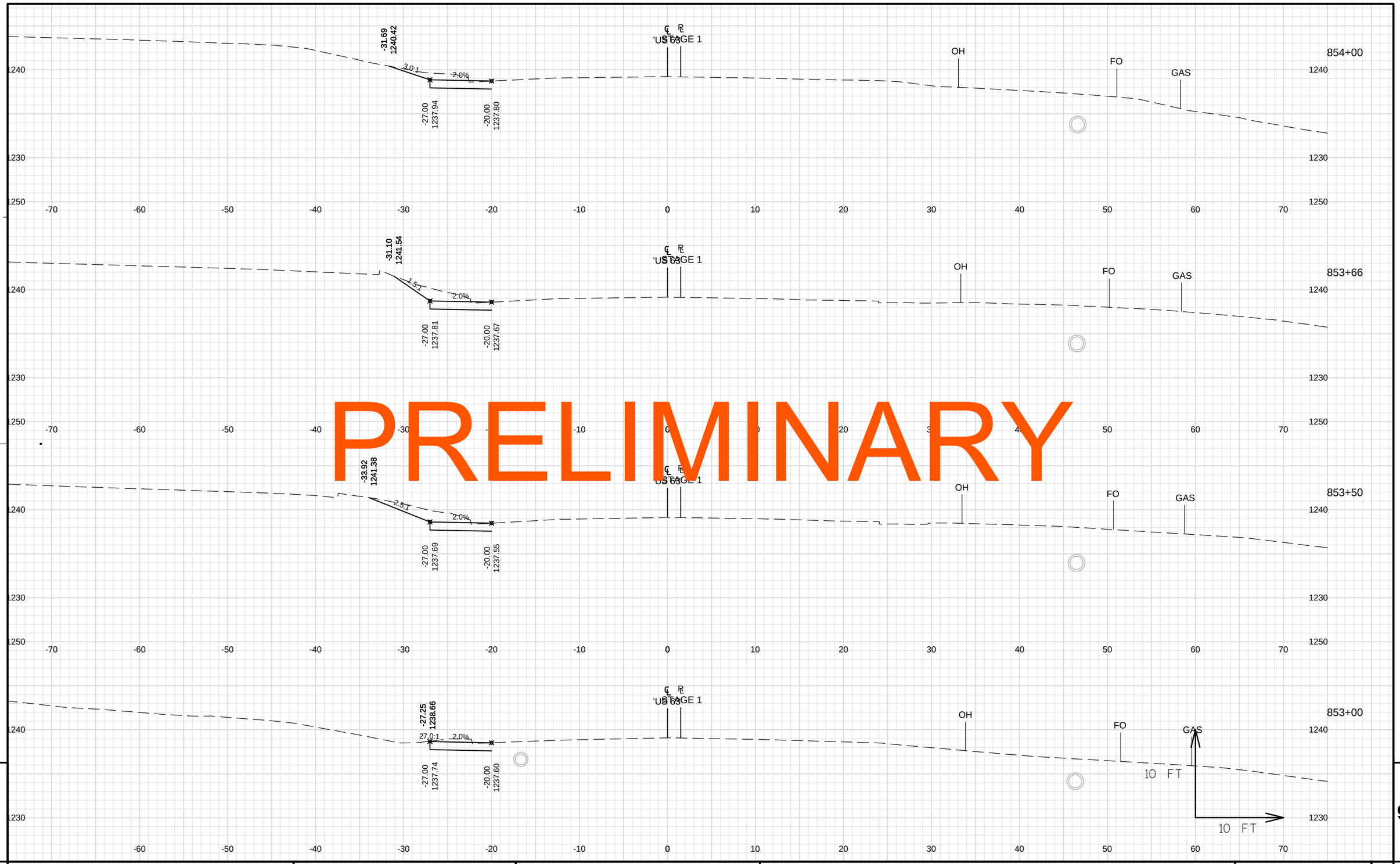
9

PROJECT NO: 1560-31-71	HWY: USH 63	COUNTY: WASHBURN	CROSS SECTIONS: STAGE 1 WIDENING	SHEET	E

FILE NAME : \\NWBESERVER\DRAWINGS\NWBE_PROJECTS\DESIGN\1101_SHELL_LAKE_SS\C3D_12\090195_XS_STAGE_1_WIDENING.DWG PLOT DATE : 9/11/2014 8:14 AM PLOT BY : USER PLOT NAME : PLOT SCALE : 1" = 10'_XREF



PRELIMINARY

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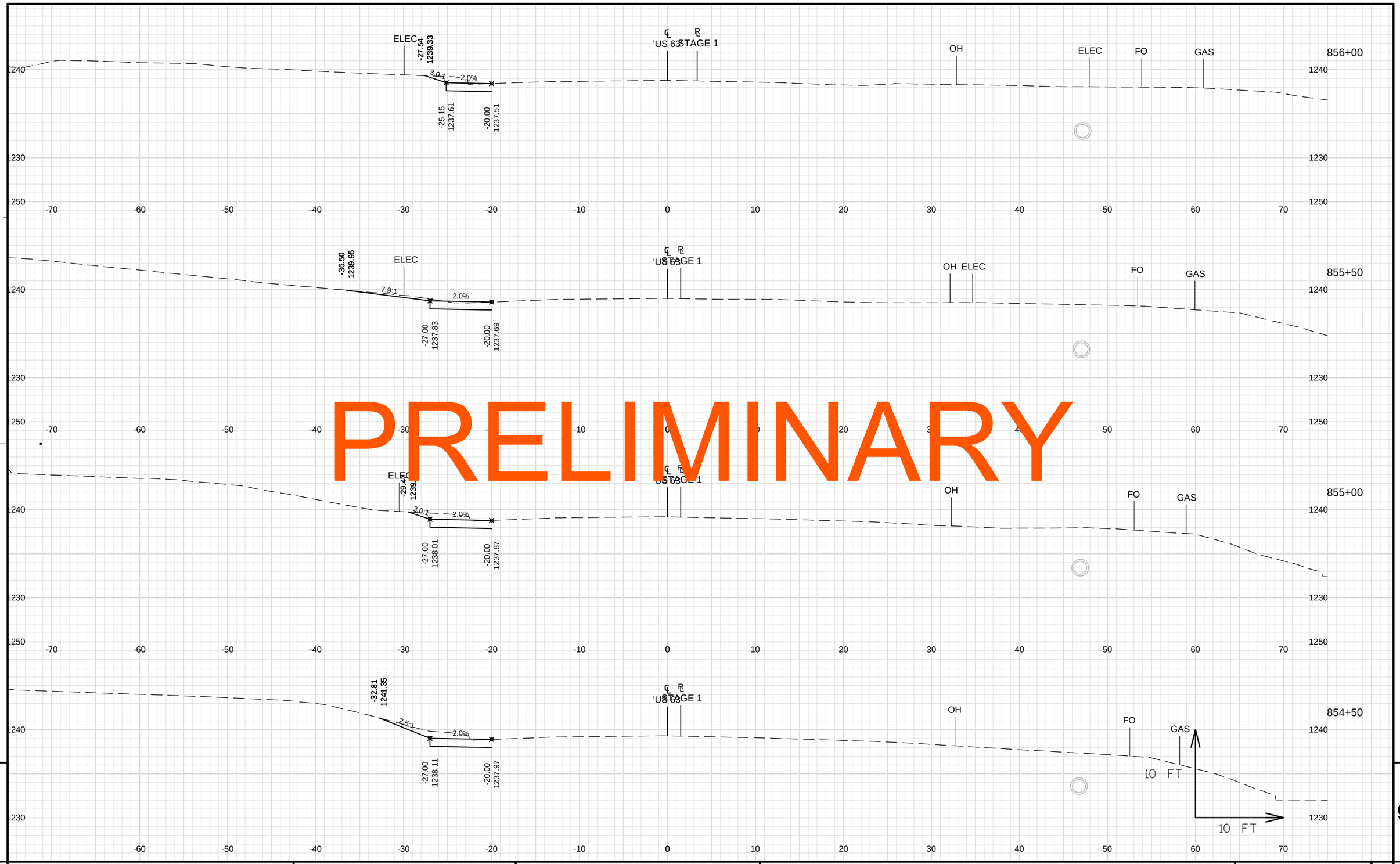
9

PROJECT NO: 1560-31-71	HWY: USH 63	COUNTY: WASHBURN	CROSS SECTIONS: STAGE 1 WIDENING	SHEET E

FILE NAME : \\NWBESERVER\DRAWINGS\NWBE_PROJECTS\DESIGN\1101_SHELL_LAKE_SS\C3D_12\090195_XS_STAGE_1_WIDENING.DWG
PLOT DATE : 9/11/2014 8:14 AM
PLOT BY : USER
PLOT NAME :
PLOT SCALE : 1" = 10'_XREF
WISDOT/CADDS SHEET 49



PRELIMINARY

9

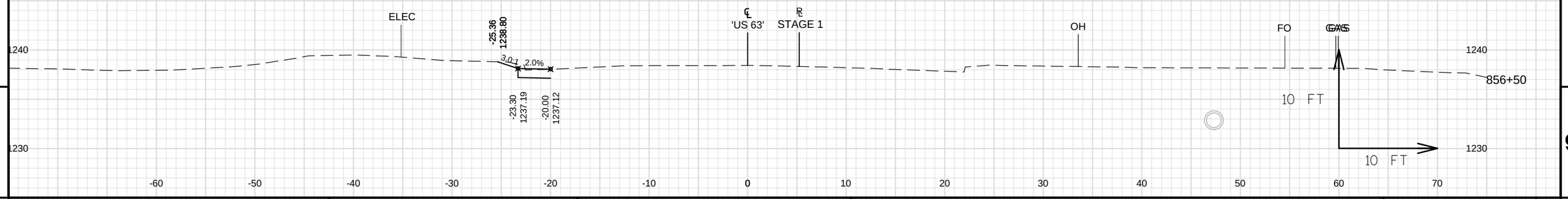
9

PROJECT NO: 1560-31-71	HWY: USH 63	COUNTY: WASHBURN	CROSS SECTIONS: STAGE 1 WIDENING	SHEET	E

FILE NAME : \\NWBESERVER\DRAWINGS\NWBE_PROJECTS\DESIGN\1101_SHELL_LAKE_SS\C3D_12\090195_XS_STAGE_1_WIDENING.DWG PLOT DATE : 9/11/2014 8:14 AM PLOT BY : USER PLOT NAME : PLOT SCALE : 1" = 10'_XREF

PRELIMINARY

STA. 856+91 LT
END GRADING (STAGE 1 WIDENING)



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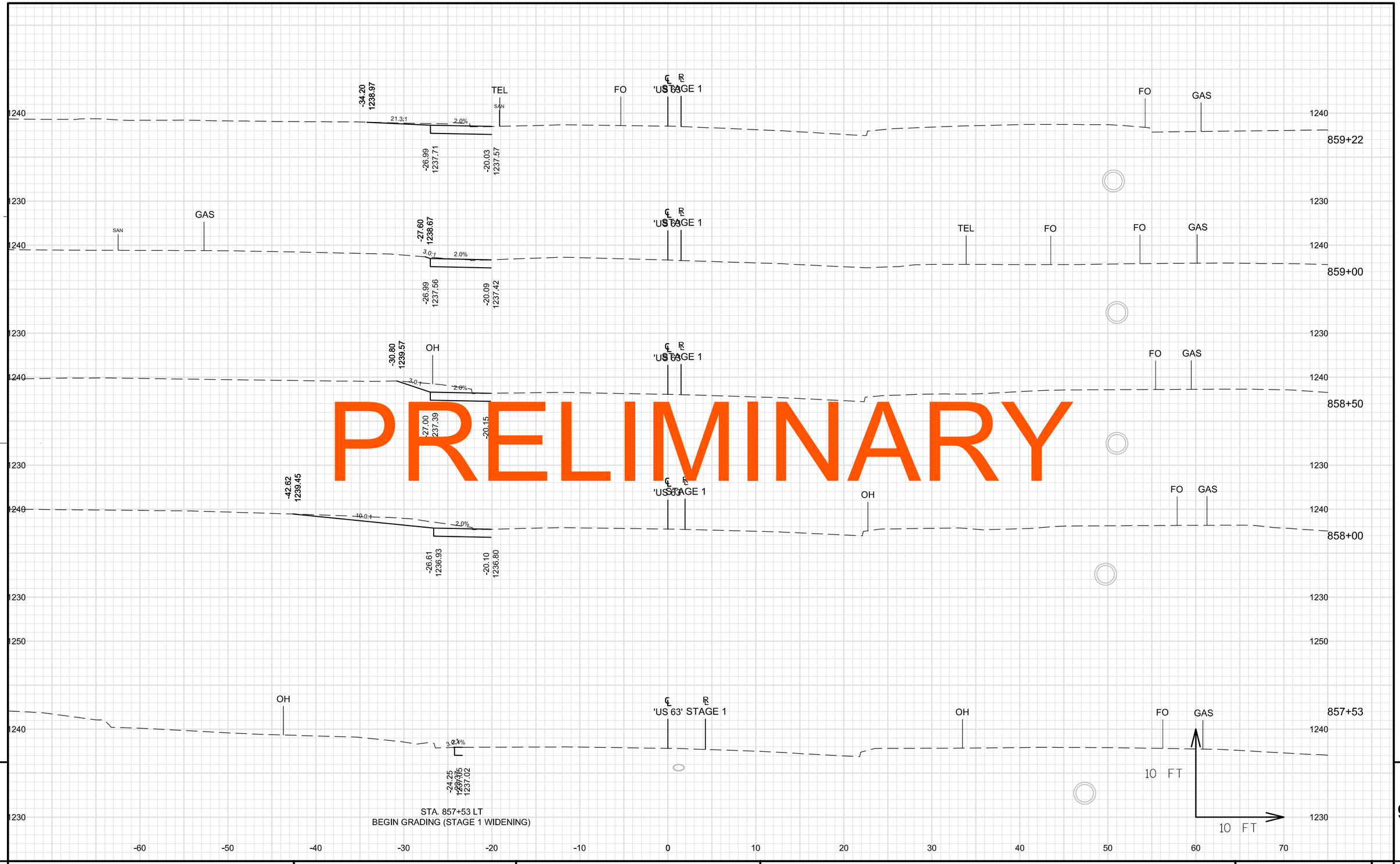
PROJECT NO: 1560-31-71	HWY: USH 63	COUNTY: WASHBURN	CROSS SECTIONS: STAGE 1 WIDENING	SHEET	E

FILE NAME : \\NWBESERVER\DRAWINGS\NWBE_PROJECTS\DESIGN\1101_SHELL_LAKE_SS\C3D_12\090195_XS_STAGE_1_WIDENING.DWG
PLOT DATE : 9/11/2014 8:15 AM
PLOT BY : USER
PLOT NAME :
PLOT SCALE : 1" = 10'_XREF
WISDOT/CADDS SHEET 49

PRELIMINARY



PROJECT NO: 1560-31-71	HWY: USH 63	COUNTY: WASHBURN	CROSS SECTIONS: STAGE 1 WIDENING	SHEET	E

FILE NAME : \\NWBESERVER\DRAWINGS\NWBE_PROJECTS\DESIGN\1101_SHELL_LAKE_SS\C3D_12\090196_XS_STAGE_1_WIDENING.DWG PLOT DATE : 9/11/2014 8:06 AM PLOT BY : GARY COLBERT PLOT NAME : PLOT SCALE : 1:10_XREF

PRELIMINARY

STA. 860+77 LT
END GRADING (STAGE 1 WIDENING)

-22.89
1239.12

-22.77
1238.24

WAT

℄ 'US 63'

℞ STAGE 1

ELEC

FO

GAS

861+67

860+77

860+50

-24.53
1239.90

3.0:1

2.0%

-22.92
1238.45

-19.31
1238.38

860+00

-25.99
1239.81

-24.22
1238.31

-19.67
1238.22

859+50

-29.41
1239.69

-26.85
1237.92

-19.93
1237.78

10 FT

10 FT

1240

1230

1250

1235

-60 -50 -40 -30 -20 -10 0 10 20 30 40 50 60 70

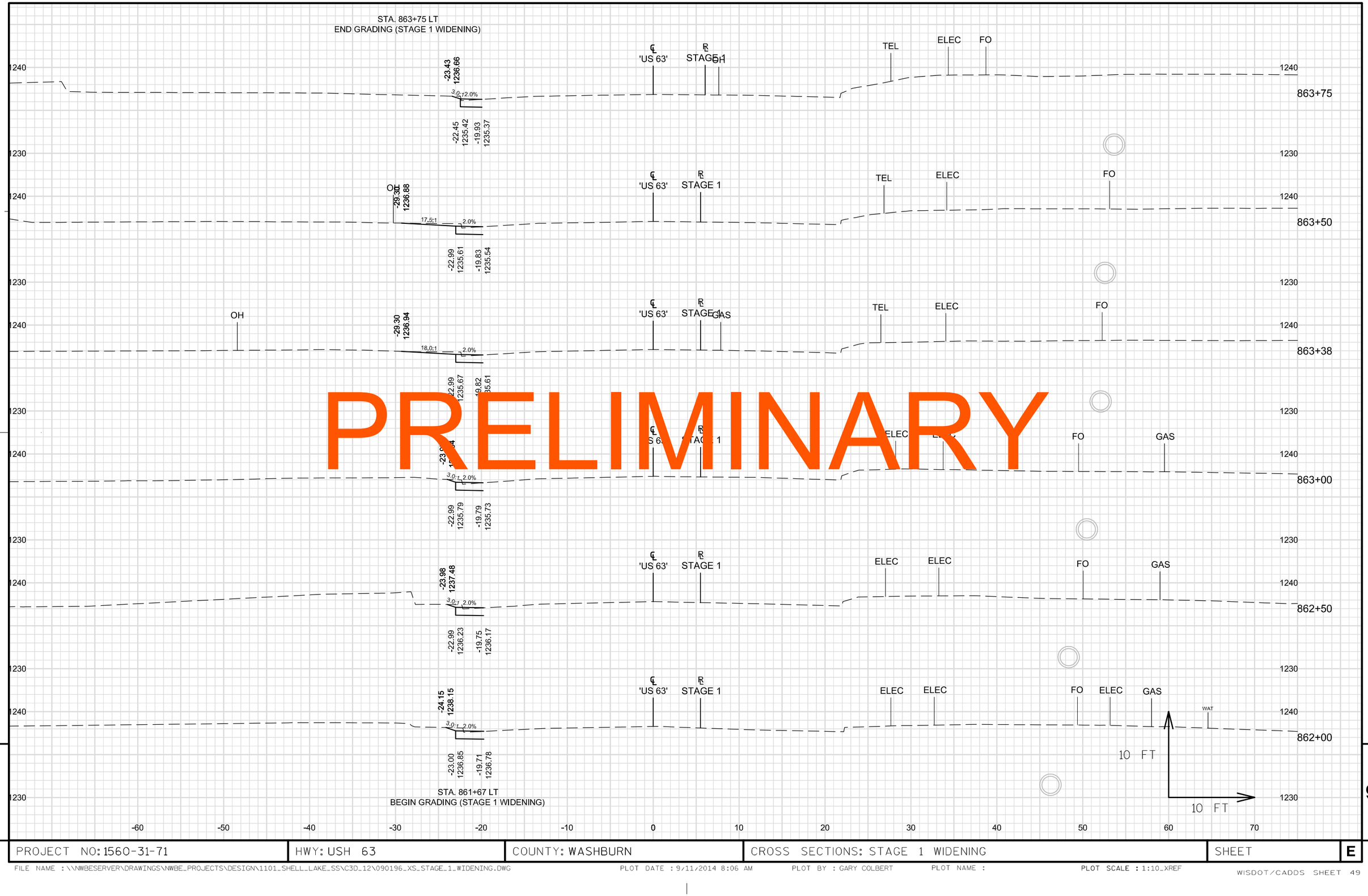
9

9

PROJECT NO: 1560-31-71	HWY: USH 63	COUNTY: WASHBURN	CROSS SECTIONS: STAGE 1 WIDENING	SHEET	E

FILE NAME : \\NWBESERVER\DRAWINGS\NWBE_PROJECTS\DESIGN\1101_SHELL_LAKE_SS\C3D_12\090196_XS_STAGE_1_WIDENING.DWG PLOT DATE : 9/11/2014 8:06 AM PLOT BY : GARY COLBERT PLOT NAME : PLOT SCALE : 1:10_XREF

STA. 863+75 LT
END GRADING (STAGE 1 WIDENING)



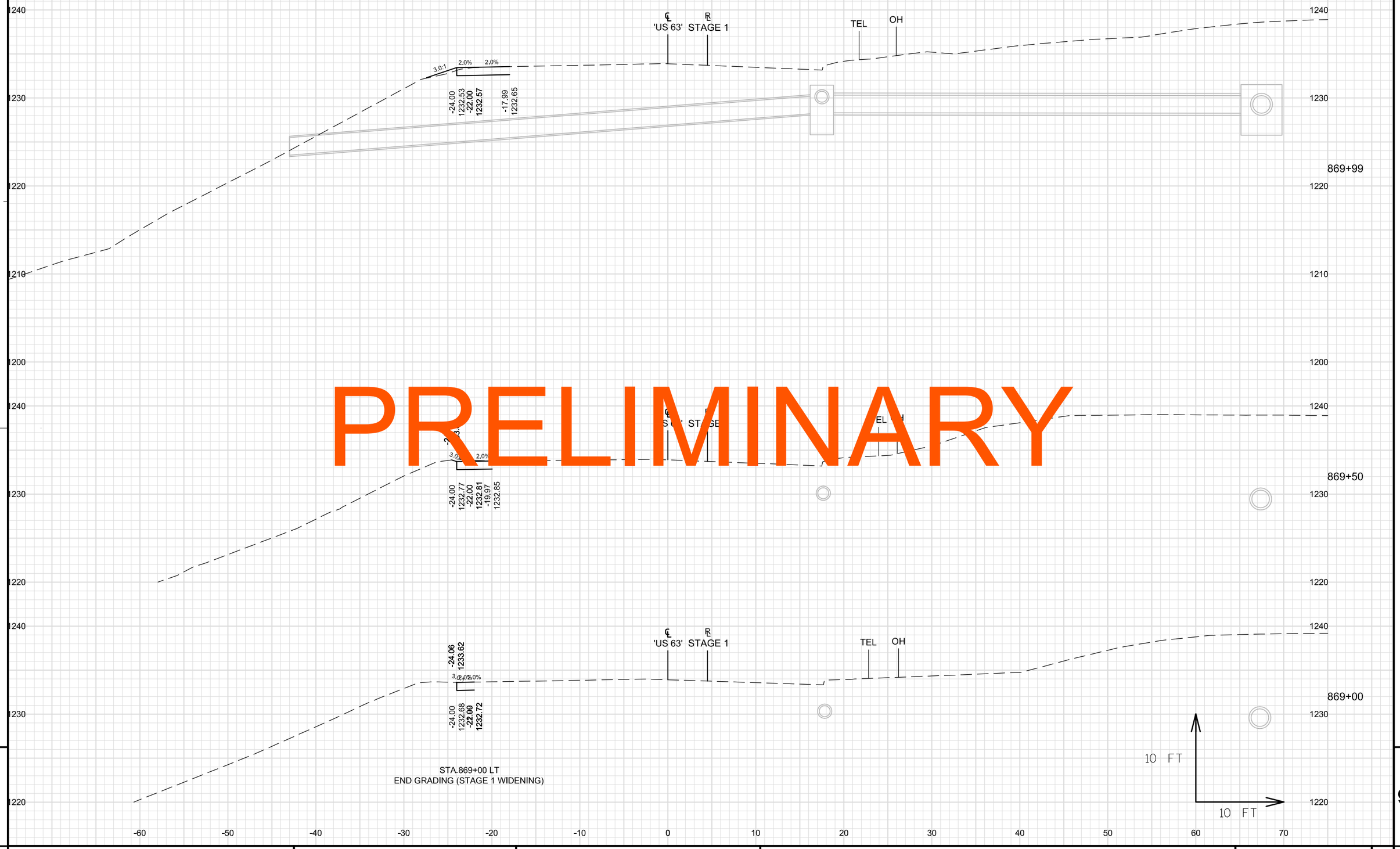
STA. 861+67 LT
BEGIN GRADING (STAGE 1 WIDENING)

PRELIMINARY

9 9

PROJECT NO: 1560-31-71	HWY: USH 63	COUNTY: WASHBURN	CROSS SECTIONS: STAGE 1 WIDENING	SHEET E

FILE NAME : \\NWBESERVER\DRAWINGS\NWBE_PROJECTS\DESIGN\1101_SHELL_LAKE_SS\C3D_12\090196_XS_STAGE_1_WIDENING.DWG PLOT DATE : 9/11/2014 8:06 AM PLOT BY : GARY COLBERT PLOT NAME : PLOT SCALE : 1:10_XREF



PRELIMINARY

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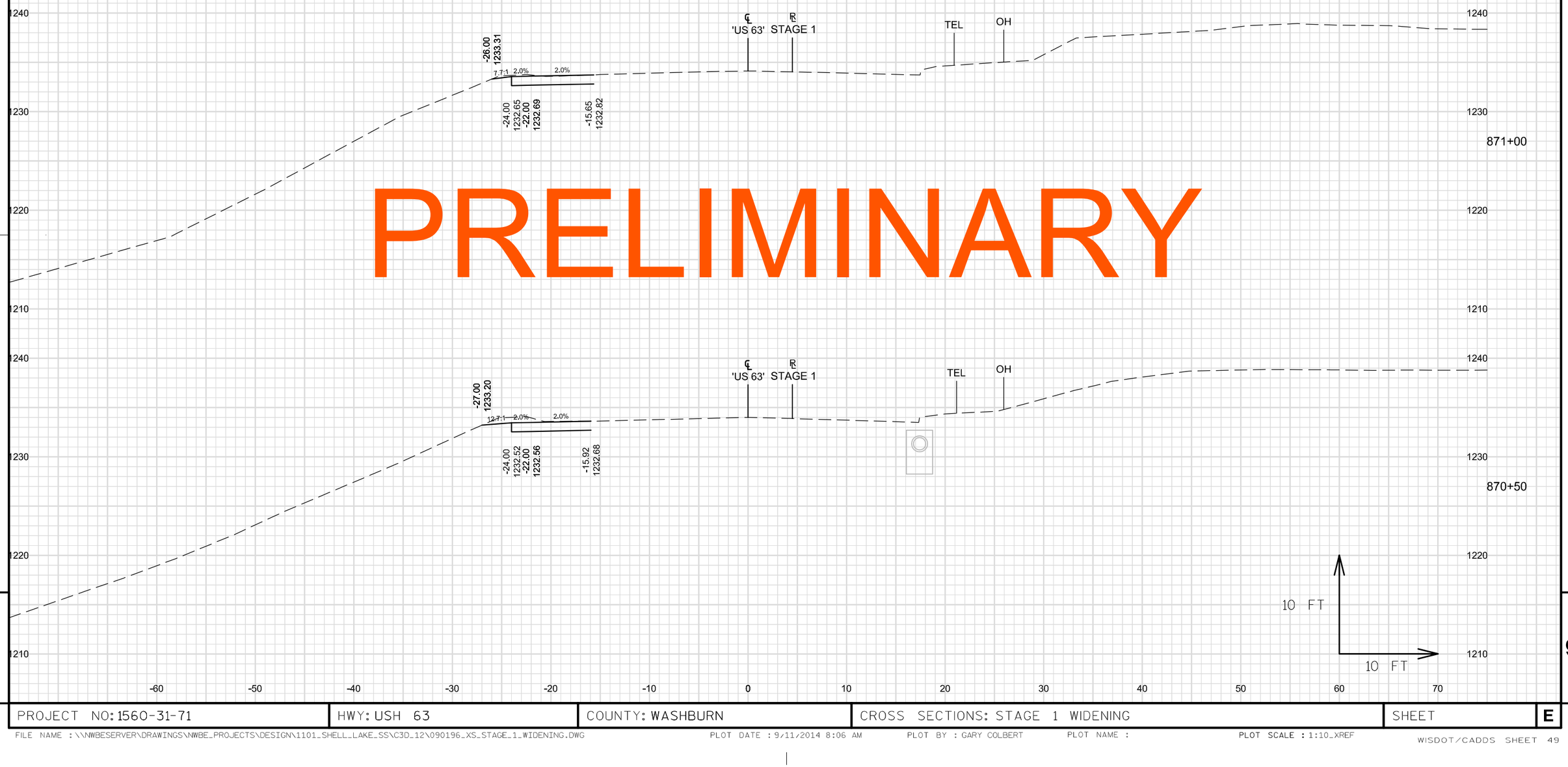
PROJECT NO: 1560-31-71	HWY: USH 63	COUNTY: WASHBURN	CROSS SECTIONS: STAGE 1 WIDENING	SHEET	E

FILE NAME : \\NWBESERVER\DRAWINGS\NWBE_PROJECTS\DESIGN\1101_SHELL_LAKE_SS\C3D_12\090196_XS_STAGE_1_WIDENING.DWG PLOT DATE : 9/11/2014 8:06 AM PLOT BY : GARY COLBERT PLOT NAME : PLOT SCALE : 1:10_XREF



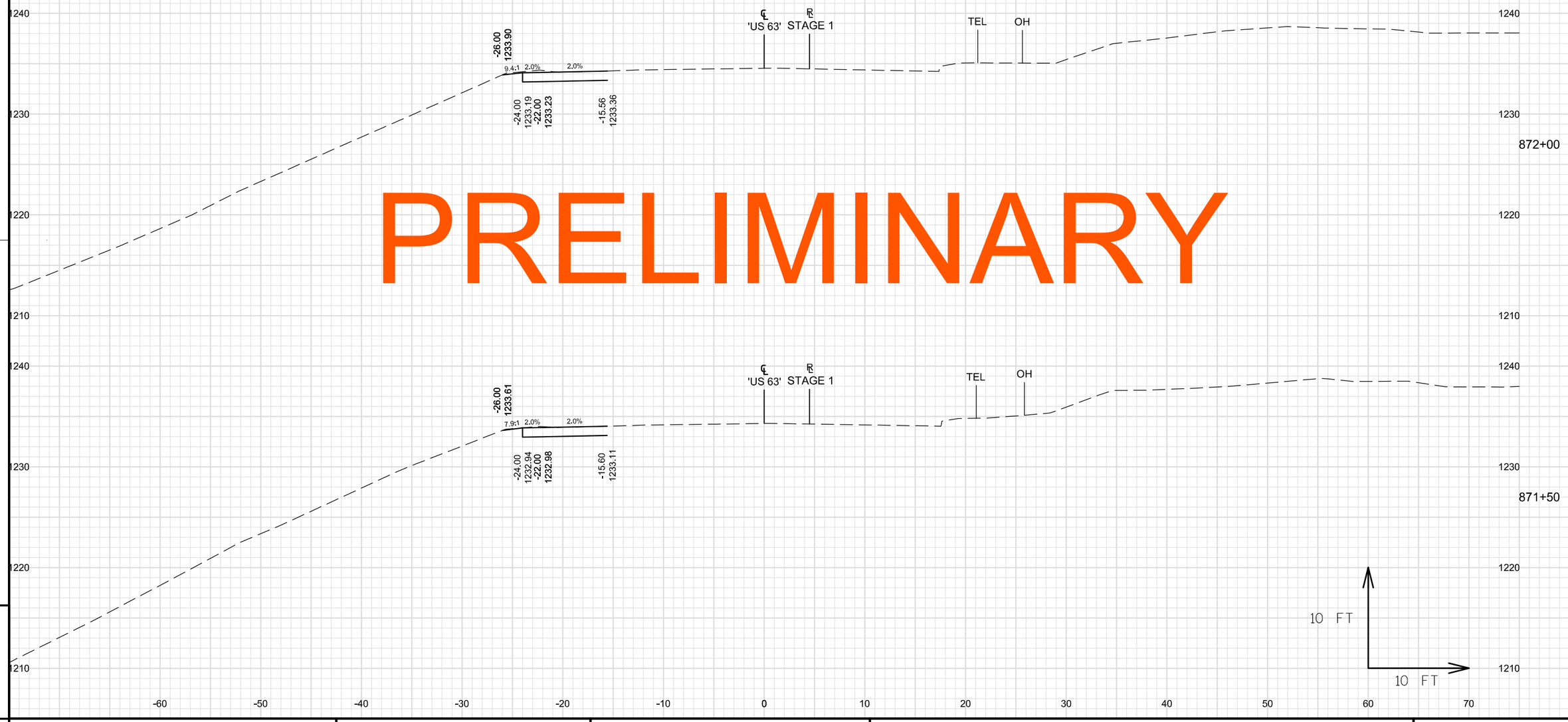
PRELIMINARY

9 9

PROJECT NO: 1560-31-71	HWY: USH 63	COUNTY: WASHBURN	CROSS SECTIONS: STAGE 1 WIDENING	SHEET	E

FILE NAME : \\NWBESERVER\DRAWINGS\NWBE_PROJECTS\DESIGN\1101_SHELL_LAKE_SS\C3D_12\090196_XS_STAGE_1_WIDENING.DWG PLOT DATE : 9/11/2014 8:06 AM PLOT BY : GARY COLBERT PLOT NAME : PLOT SCALE : 1:10_XREF

WISDOT/CADDS SHEET 49



PRELIMINARY

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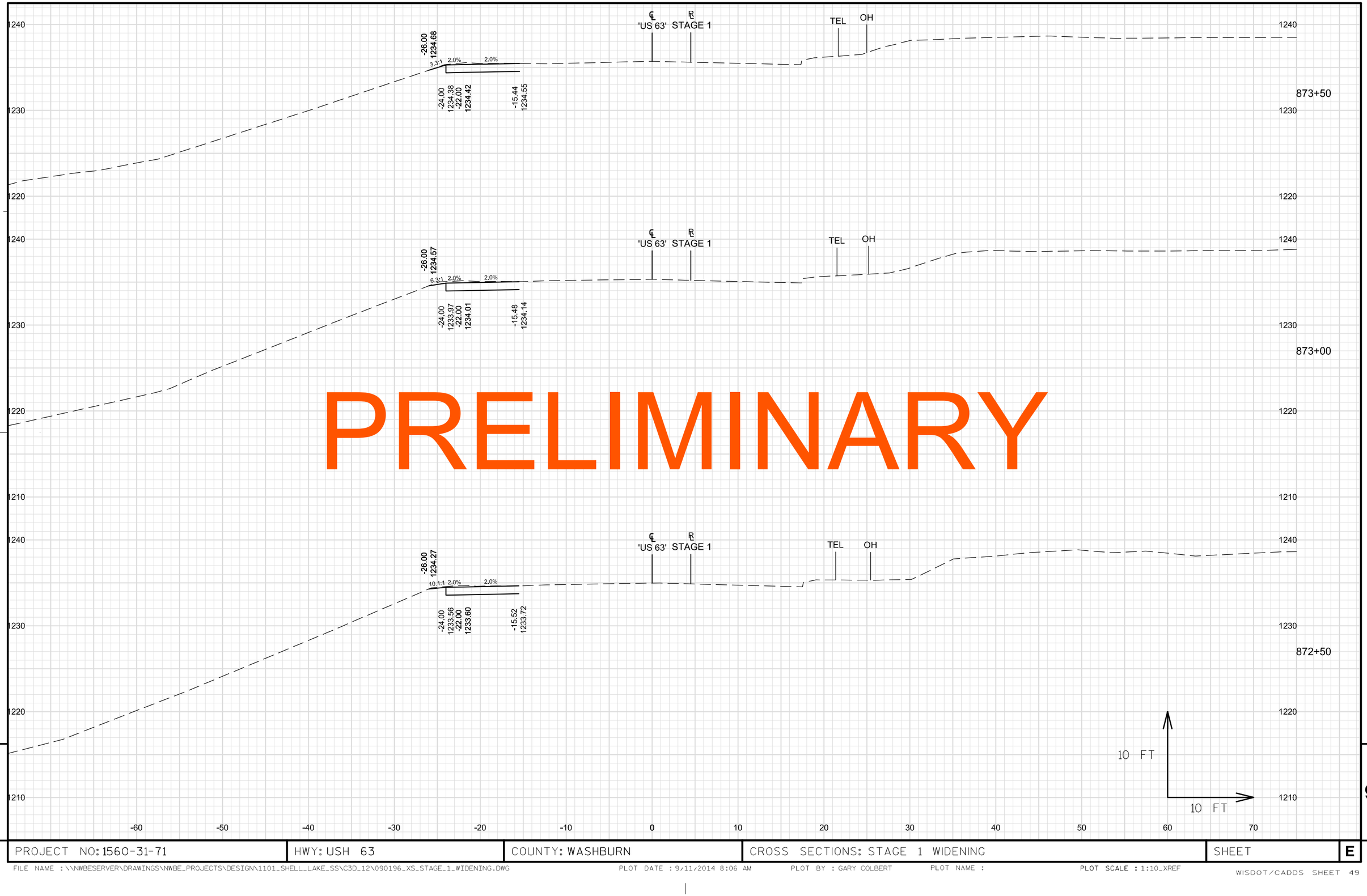
9

PROJECT NO: 1560-31-71	HWY: USH 63	COUNTY: WASHBURN	CROSS SECTIONS: STAGE 1 WIDENING	SHEET	E

FILE NAME : \\NWBESERVER\DRAWINGS\NWBE_PROJECTS\DESIGN\1101_SHELL_LAKE_SS\C3D_12\090196_XS_STAGE_1_WIDENING.DWG PLOT DATE : 9/11/2014 8:06 AM PLOT BY : GARY COLBERT PLOT NAME : PLOT SCALE : 1:10_XREF

WISDOT/CADDS SHEET 49



PRELIMINARY

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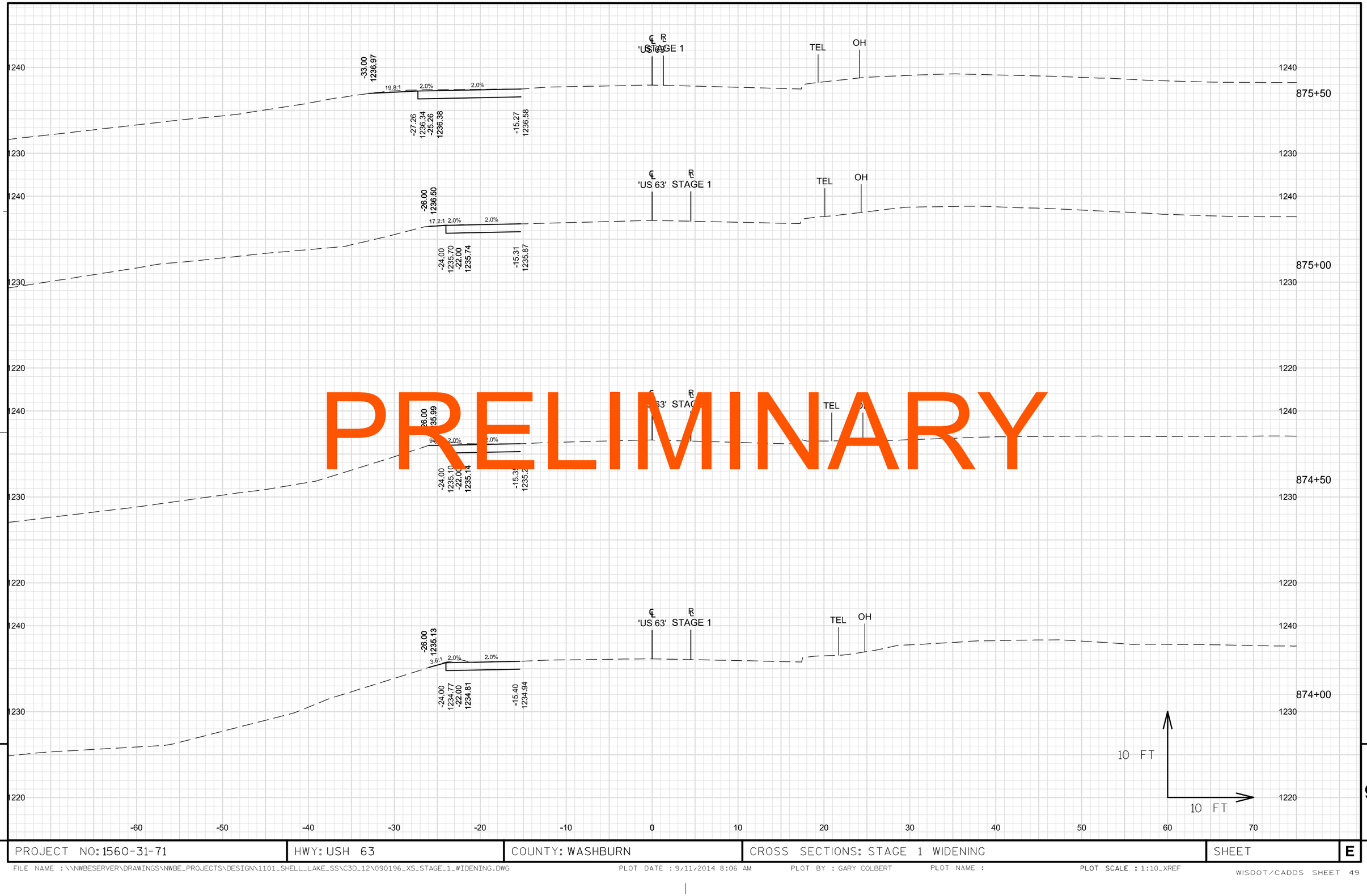
PROJECT NO: 1560-31-71	HWY: USH 63	COUNTY: WASHBURN	CROSS SECTIONS: STAGE 1 WIDENING	SHEET	E

FILE NAME : \\NWBESERVER\DRAWINGS\NWBE_PROJECTS\DESIGN\1101_SHELL_LAKE_SS\C3D_12\090196_XS_STAGE_1_WIDENING.DWG PLOT DATE : 9/11/2014 8:06 AM PLOT BY : GARY COLBERT PLOT NAME : PLOT SCALE : 1:10_XREF

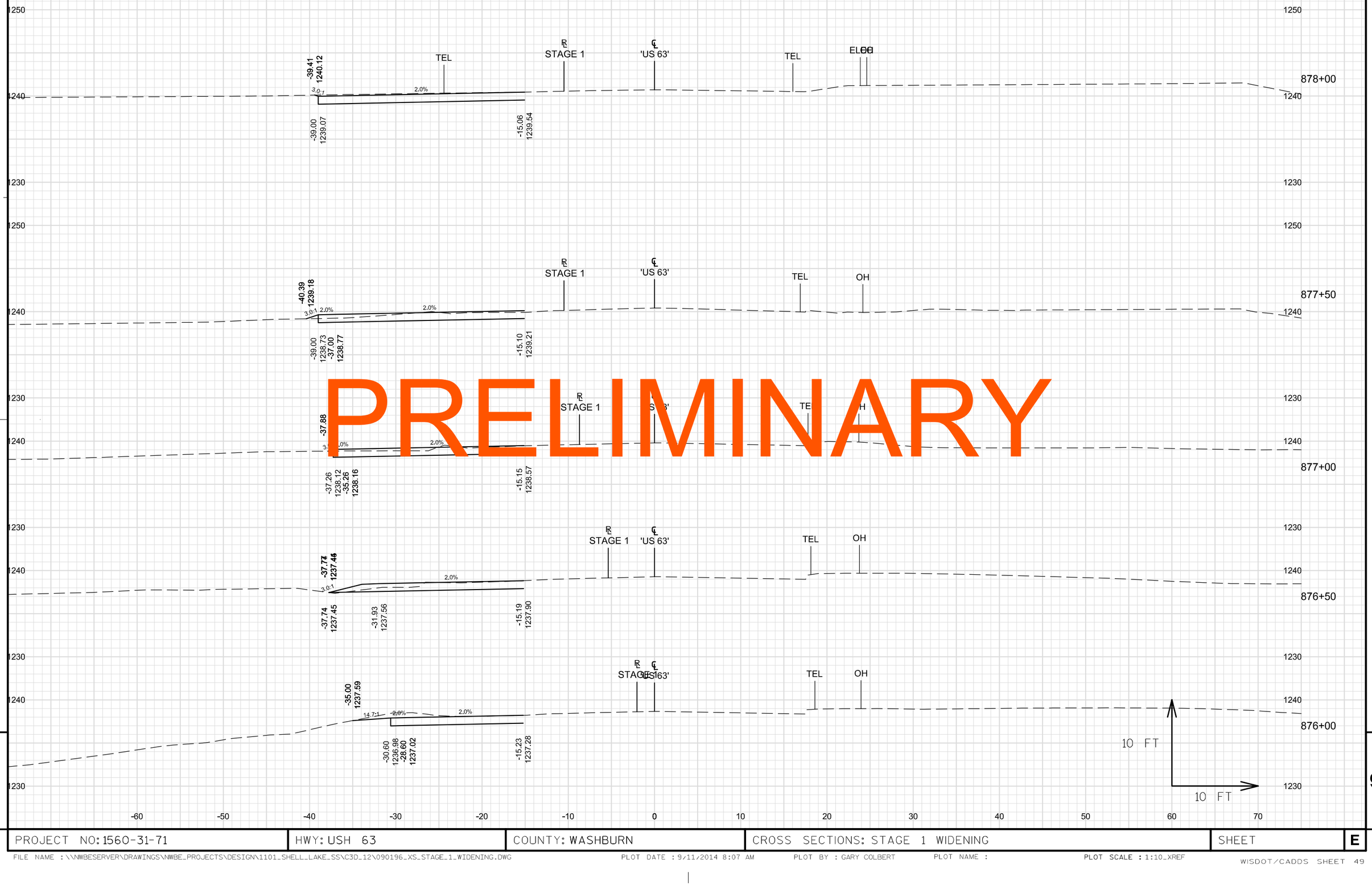


PRELIMINARY

9

PROJECT NO: 1560-31-71	HWY: USH 63	COUNTY: WASHBURN	CROSS SECTIONS: STAGE 1 WIDENING	SHEET	E

FILE NAME : \\NWBESERVER\DRAWINGS\NWBE_PROJECTS\DESIGN\1101_SHELL_LAKE_SS\C3D_12\090196_XS_STAGE_1_WIDENING.DWG PLOT DATE : 9/11/2014 8:06 AM PLOT BY : GARY COLBERT PLOT NAME : PLOT SCALE : 1:10_XREF



PRELIMINARY

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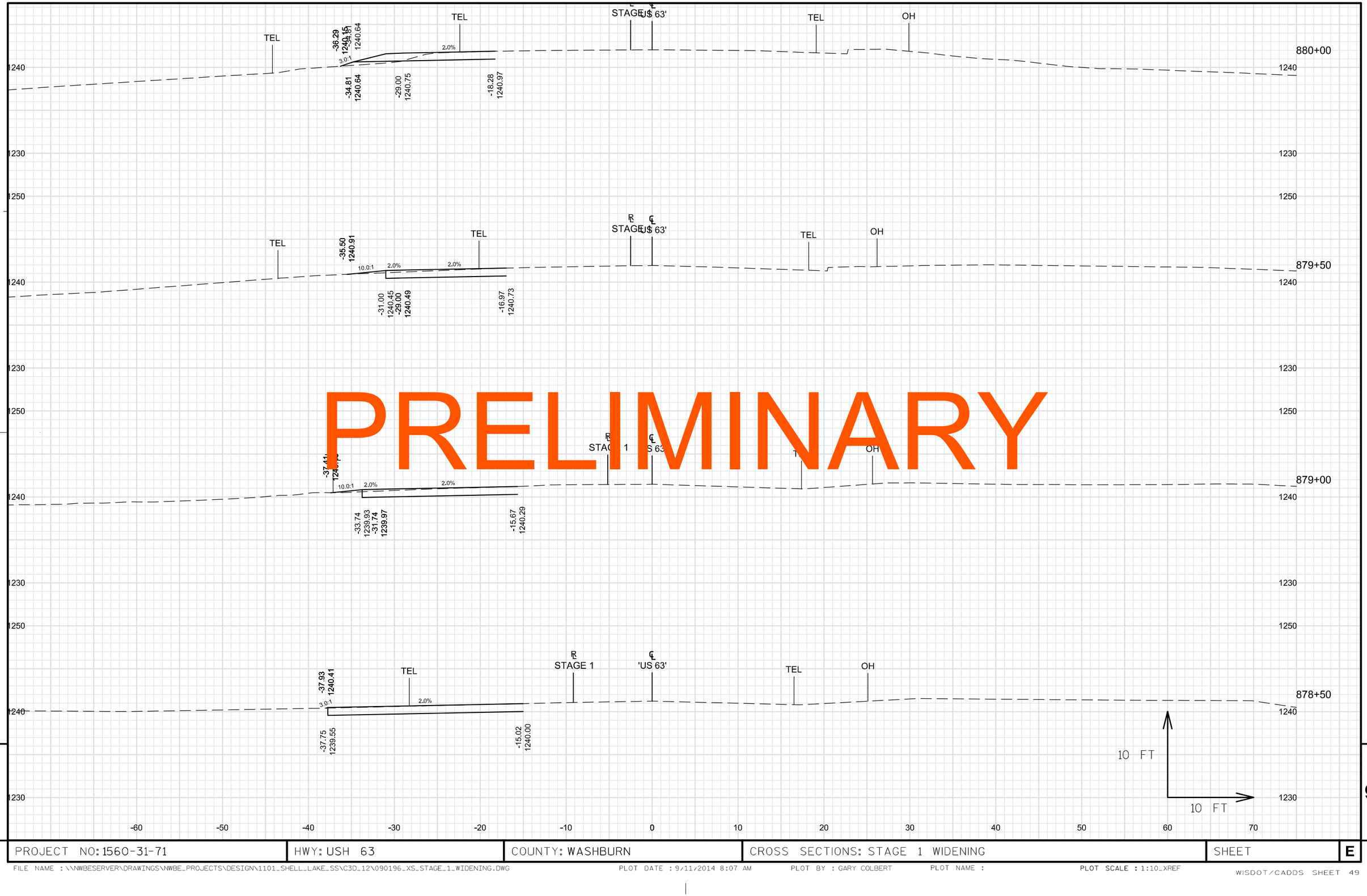
9

PROJECT NO: 1560-31-71	HWY: USH 63	COUNTY: WASHBURN	CROSS SECTIONS: STAGE 1 WIDENING	SHEET	E

FILE NAME : \\NWBESERVER\DRAWINGS\NWBE_PROJECTS\DESIGN\1101_SHELL_LAKE_SS\C3D_12\090196_XS_STAGE_1_WIDENING.DWG PLOT DATE : 9/11/2014 8:07 AM PLOT BY : GARY COLBERT PLOT NAME : PLOT SCALE : 1:10_XREF

WISDOT/CADDS SHEET 49



PRELIMINARY

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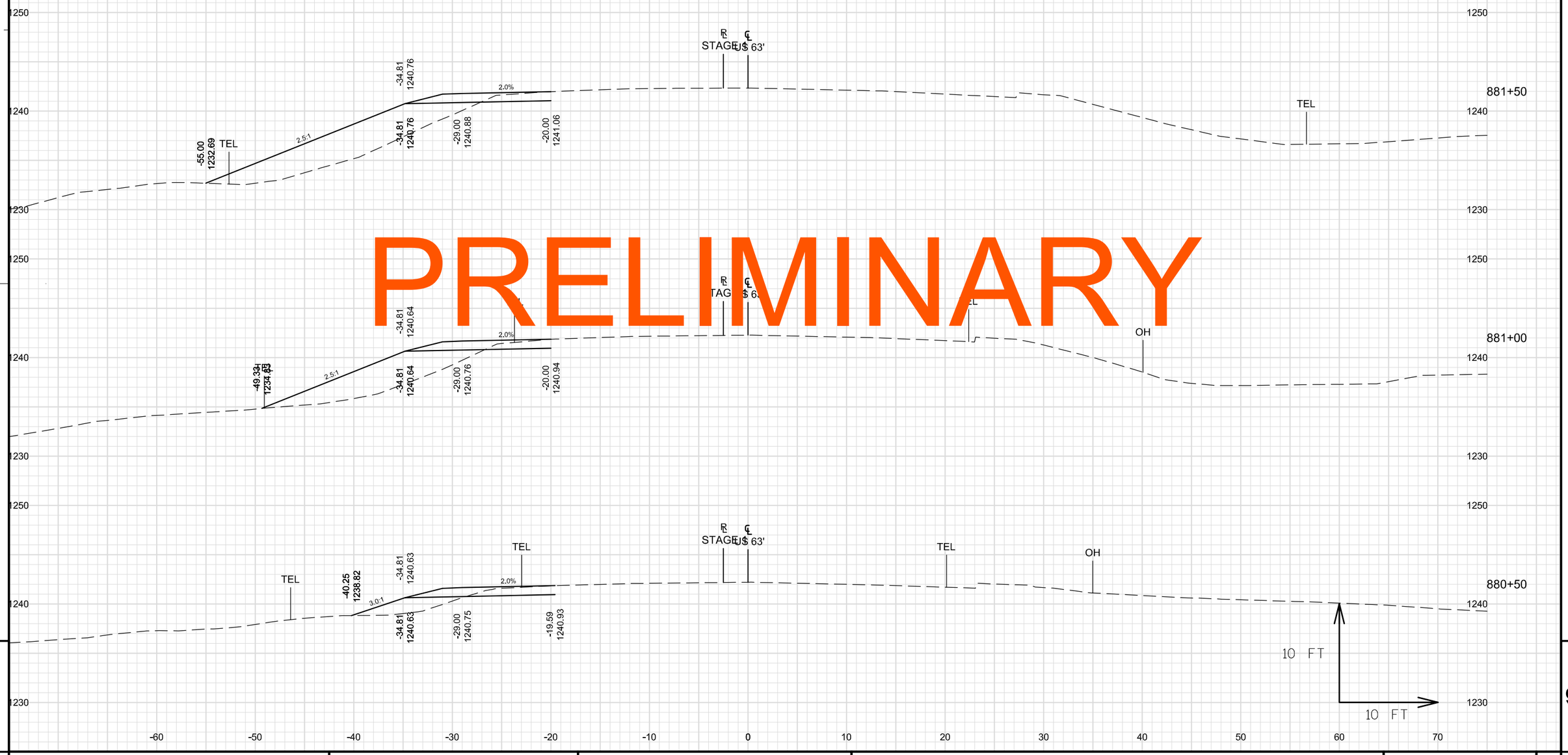
9

PROJECT NO: 1560-31-71	HWY: USH 63	COUNTY: WASHBURN	CROSS SECTIONS: STAGE 1 WIDENING	SHEET	E

FILE NAME : \\NWBESERVER\DRAWINGS\NWBE_PROJECTS\DESIGN\1101_SHELL_LAKE_SS\C3D_12\090196_XS_STAGE_1_WIDENING.DWG
PLOT DATE : 9/11/2014 8:07 AM
PLOT BY : GARY COLBERT
PLOT NAME :
PLOT SCALE : 1:10_XREF
WISDOT/CADDS SHEET 49



PRELIMINARY

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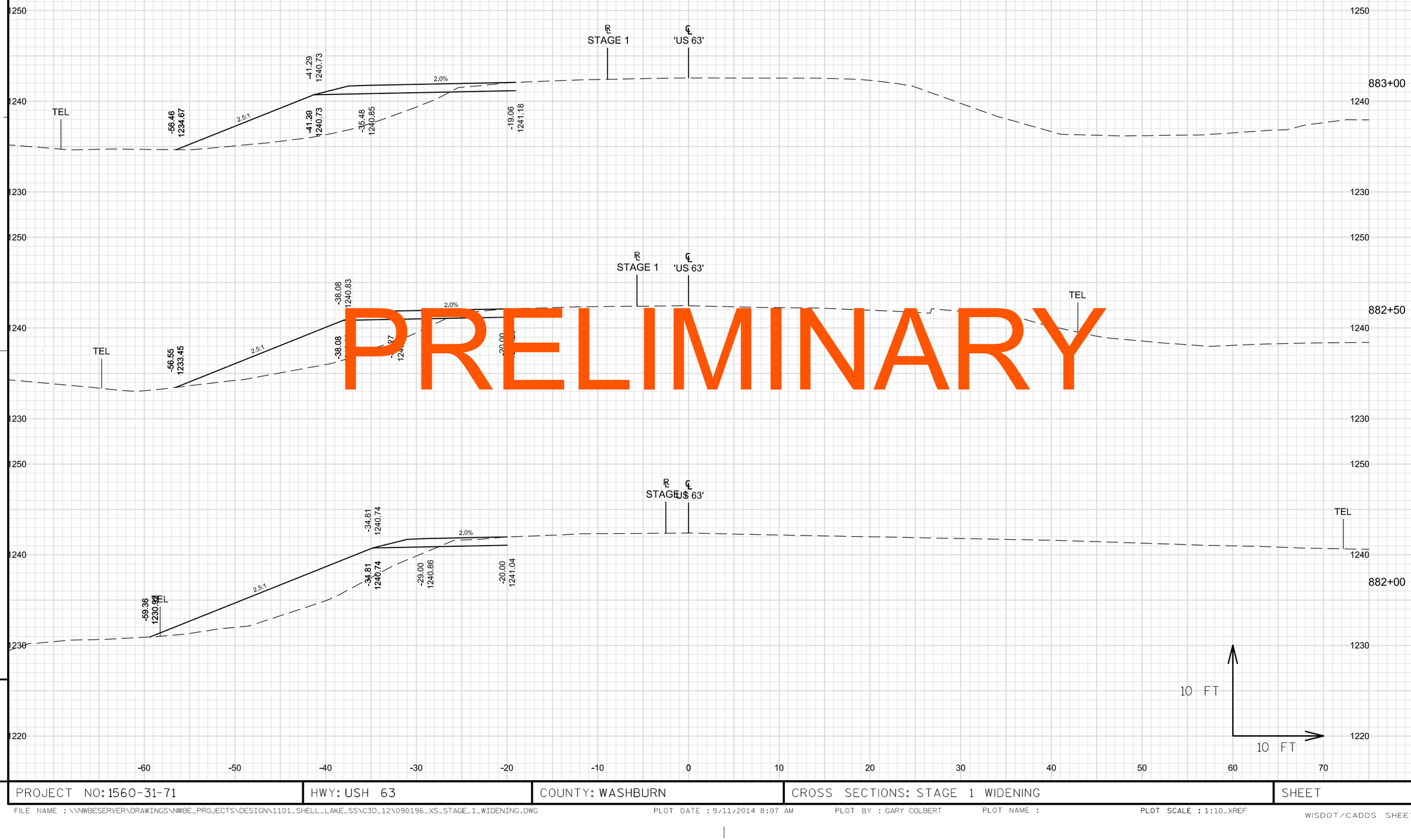
9

PROJECT NO: 1560-31-71	HWY: USH 63	COUNTY: WASHBURN	CROSS SECTIONS: STAGE 1 WIDENING	SHEET	E

FILE NAME : \\NWBESERVER\DRAWINGS\NWBE_PROJECTS\DESIGN\1101_SHELL_LAKE_SS\C3D_12\090196_XS_STAGE_1_WIDENING.DWG PLOT DATE : 9/11/2014 8:07 AM PLOT BY : GARY COLBERT PLOT NAME : PLOT SCALE : 1:10_XREF

WISDOT/CADDS SHEET 49



PRELIMINARY

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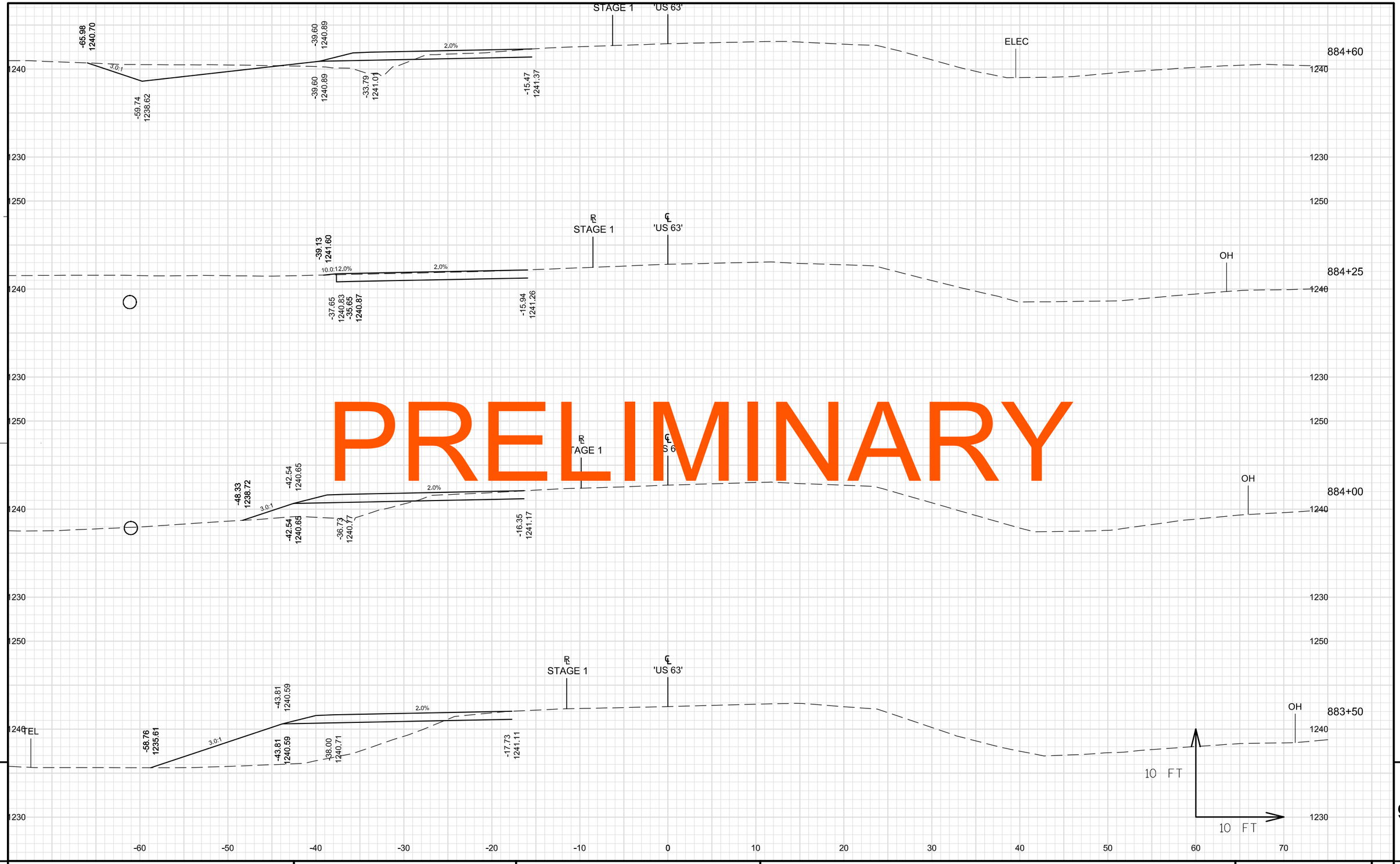
PROJECT NO: 1560-31-71	HWY: USH 63	COUNTY: WASHBURN	CROSS SECTIONS: STAGE 1 WIDENING	SHEET	E

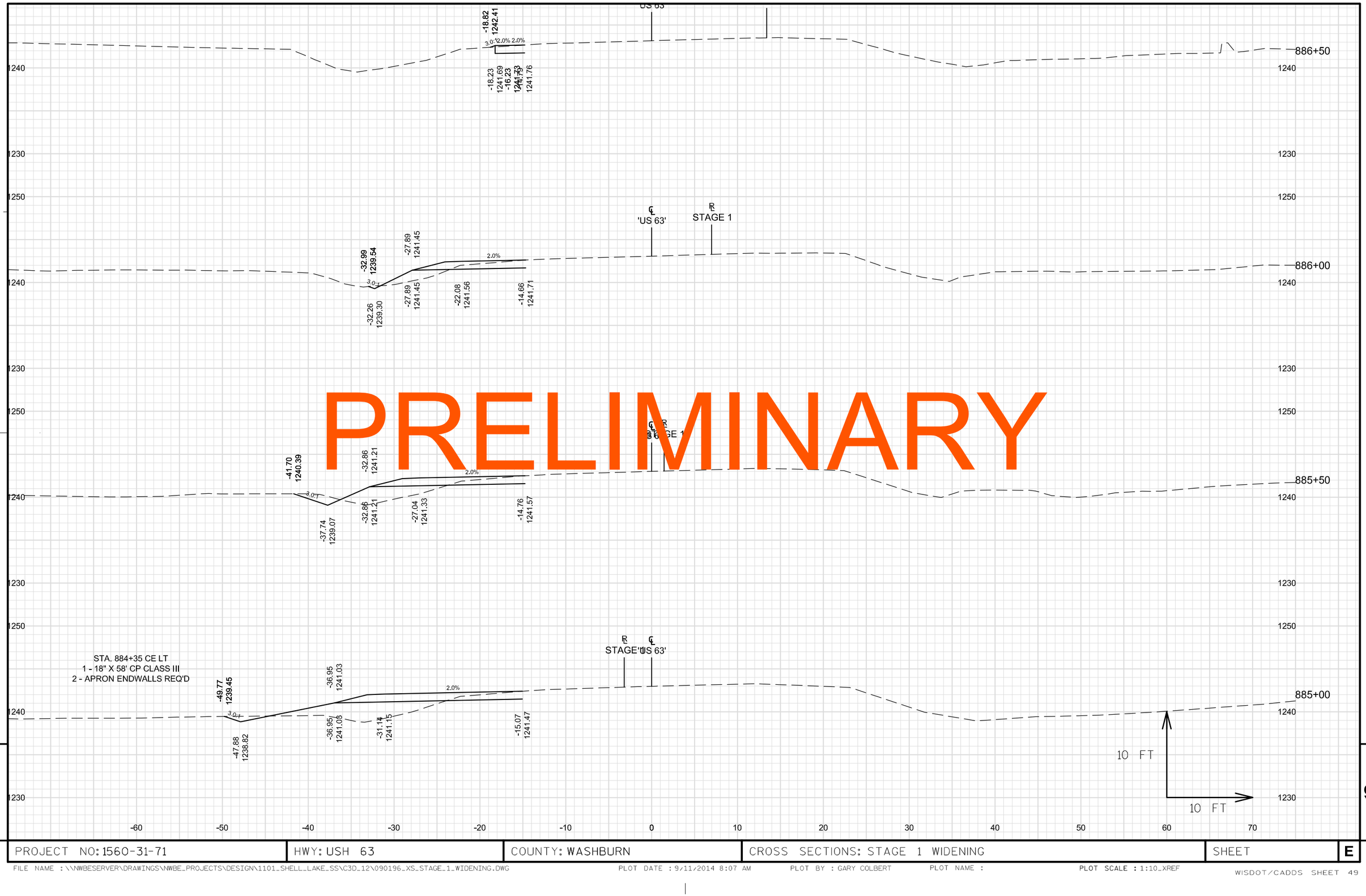
FILE NAME : \\NWBESERVER\DRAWINGS\NWBE_PROJECTS\DESIGN\1101_SHELL_LAKE_SS\C3D_12\090196_XS_STAGE_1_WIDENING.DWG
PLOT DATE : 9/11/2014 8:07 AM
PLOT BY : GARY COLBERT
PLOT NAME :
PLOT SCALE : 1:10_XREF
WISDOT/CADDS SHEET 49

PRELIMINARY



PROJECT NO: 1560-31-71	HWY: USH 63	COUNTY: WASHBURN	CROSS SECTIONS: STAGE 1 WIDENING	SHEET	E

FILE NAME : \\NWBESERVER\DRAWINGS\NWBE_PROJECTS\DESIGN\1101_SHELL_LAKE_SS\C3D_12\090196_XS_STAGE_1_WIDENING.DWG PLOT DATE : 9/11/2014 8:07 AM PLOT BY : GARY COLBERT PLOT NAME : PLOT SCALE : 1:10_XREF



PRELIMINARY

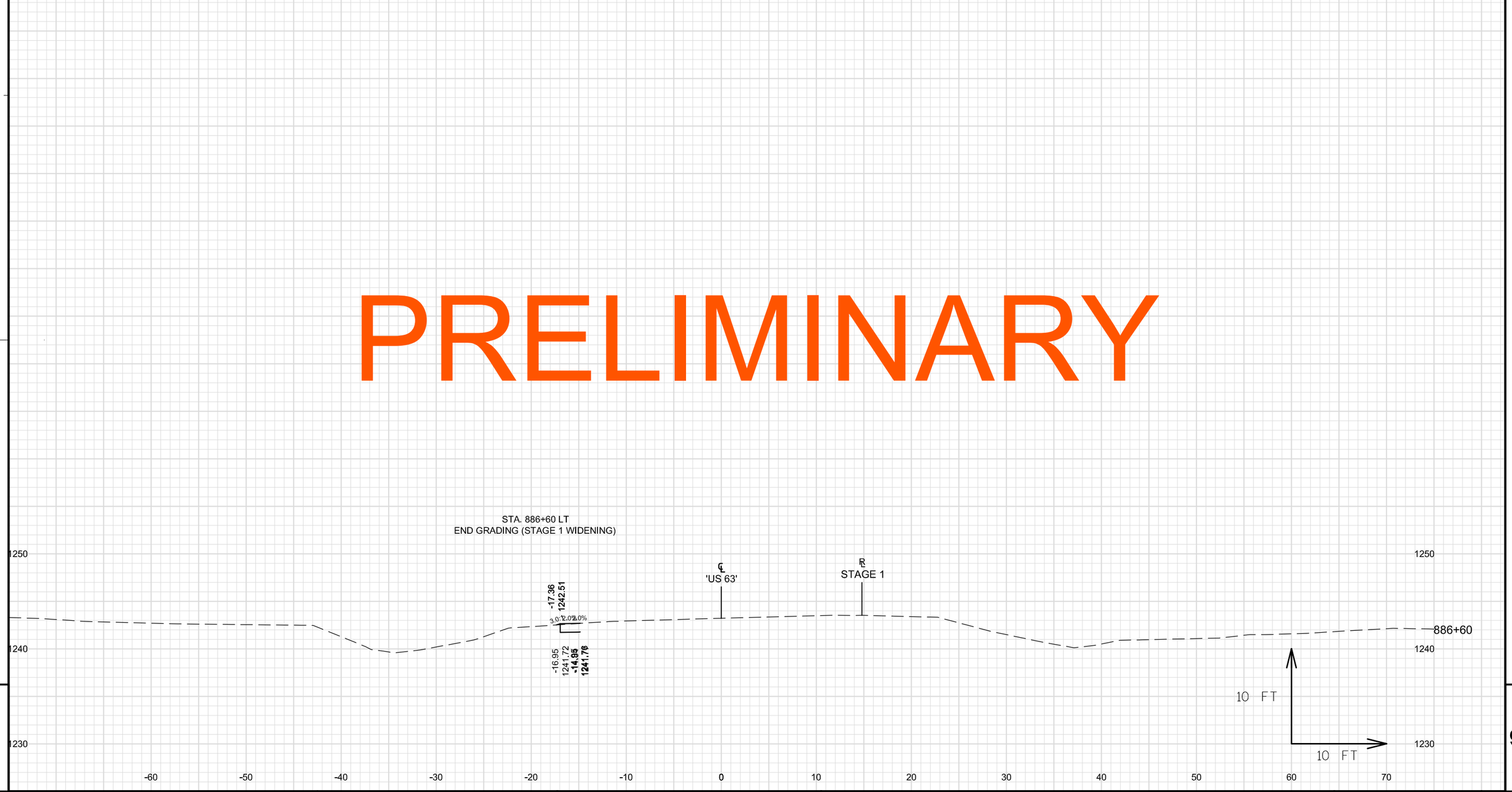
9

9

PROJECT NO: 1560-31-71	HWY: USH 63	COUNTY: WASHBURN	CROSS SECTIONS: STAGE 1 WIDENING	SHEET	E

PRELIMINARY

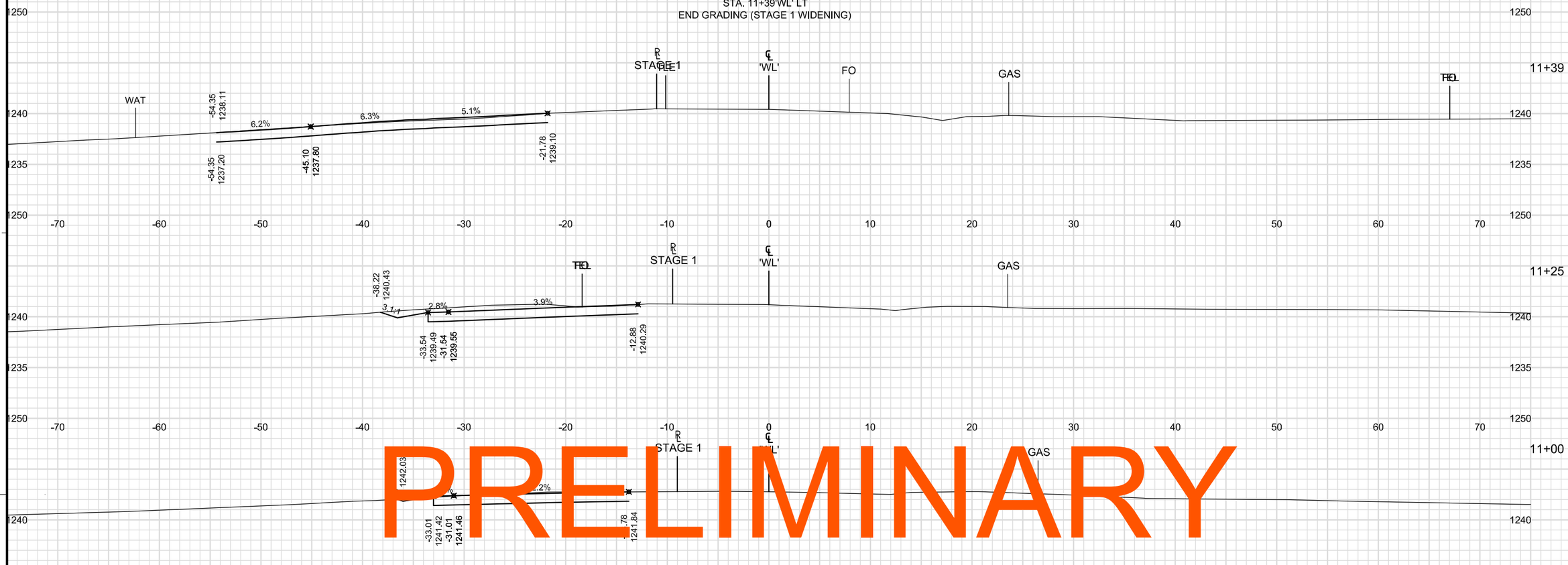
STA. 886+60 LT
END GRADING (STAGE 1 WIDENING)



PROJECT NO: 1560-31-71	HWY: USH 63	COUNTY: WASHBURN	CROSS SECTIONS: STAGE 1 WIDENING	SHEET	E

FILE NAME : \\NWBESERVER\DRAWINGS\NWBE_PROJECTS\DESIGN\1101_SHELL_LAKE_SS\C3D_12\090196_XS_STAGE_1_WIDENING.DWG PLOT DATE : 9/11/2014 8:07 AM PLOT BY : GARY COLBERT PLOT NAME : PLOT SCALE : 1:10_XREF

STA. 11+39'WL' LT
END GRADING (STAGE 1 WIDENING)



STA. 10+32'WL' LT
BEGIN GRADING (STAGE 1 WIDENING)

PRELIMINARY

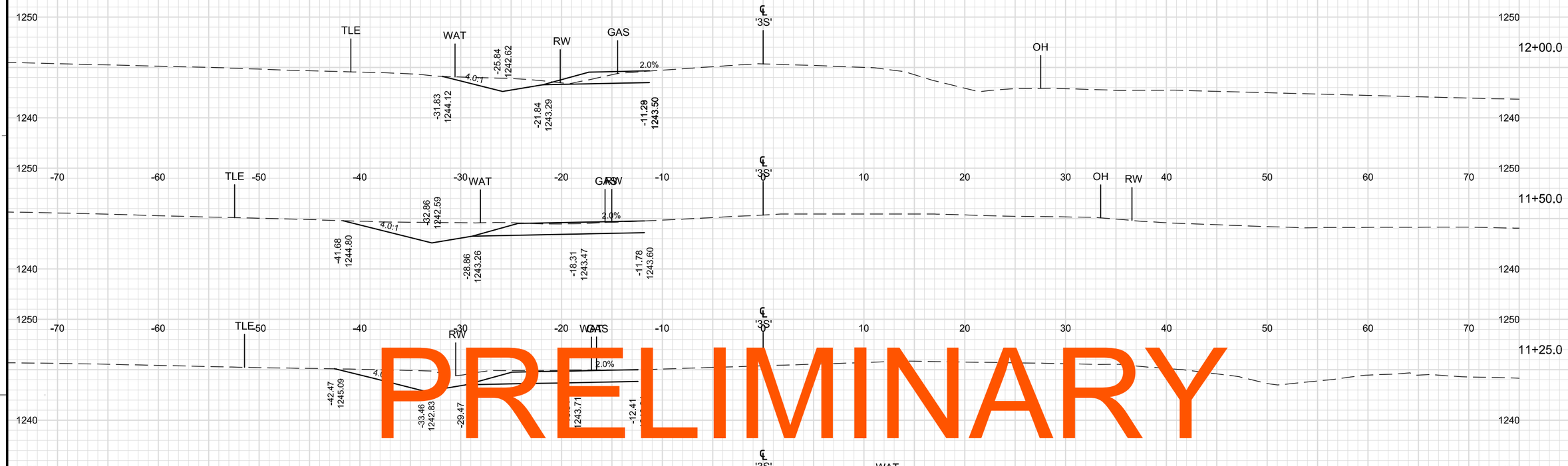
PROJECT NO: 1560-31-71	HWY: USH 63	COUNTY: WASHBURN	CROSS SECTIONS: STAGE 1 WIDENING (WEST LAKE DRIVE)	SHEET	E

FILE NAME : \\NWBESERVER\DRAWINGS\NWBE_PROJECTS\DESIGN\1101_SHELL_LAKE_SS\C3D_12\090197_XS_STAGE_1_WEST_LAKE.DWG PLOT DATE : 9/4/2014 3:42 PM PLOT BY : GARY COLBERT PLOT NAME : PLOT SCALE : 1" = 10'_XREF

WISDOT/CADDS SHEET 49

PRELIMINARY

STA. 12+00.0
END GRADING

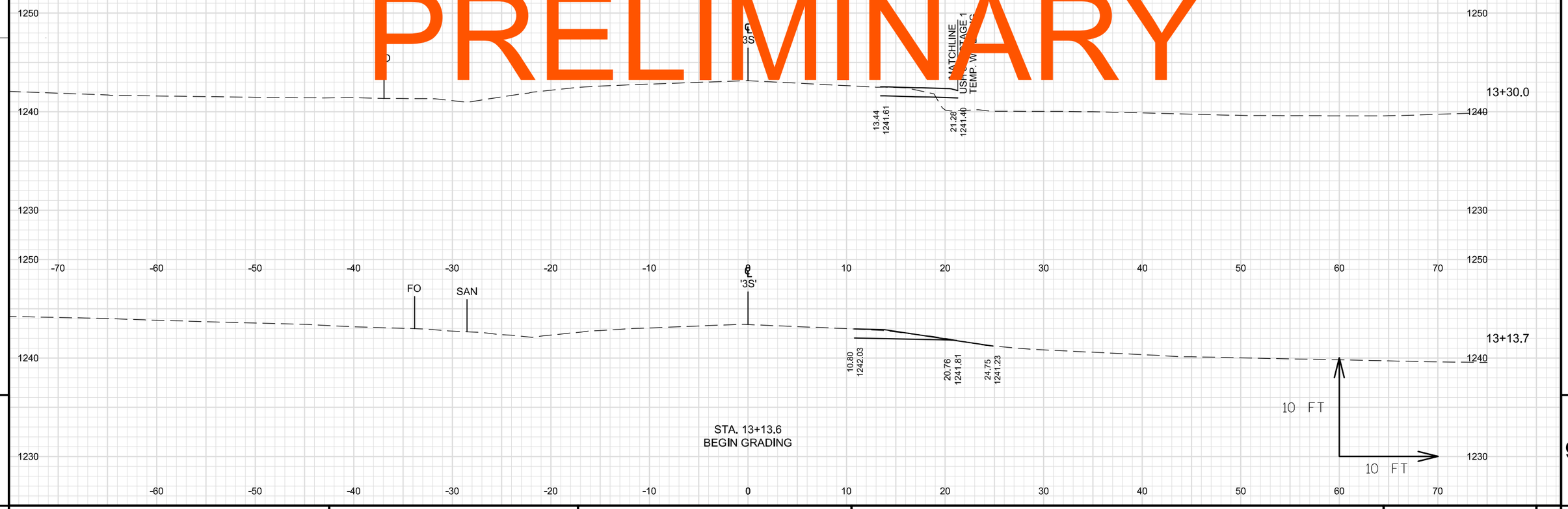


STA. 10+60.0
BEGIN CONSTRUCTION

PROJECT NO: 1560-31-71	HWY: USH 63	COUNTY: WASHBURN	CROSS SECTIONS: DETOUR WIDENING - 3RD STREET	SHEET	E

STA. 13+30.0
END CONSTRUCTION

PRELIMINARY



9 9

PROJECT NO: 1560-31-71	HWY: USH 63	COUNTY: WASHBURN	CROSS SECTIONS: DETOUR WIDENING - 3RD STREET	SHEET E

PRELIMINARY

STA. 10+56.1
END CONSTRUCTION

℄
'ID'

1240
1230

2.2%
2:1
33.76 1234.56
18.58 1235.06
19.97 1235.02
28.22 1234.84
32.40 1234.27

10+50.0

1.8%
2:1
33.53 1234.68
18.17 1235.21
20.77 1235.16
28.66 1235.04
32.71 1234.45

10+40.0

0.7%
5.7:1
20.22 1235.52
24.90 1235.56
33.99 1235.70
39.33 1235.29

10+29.7

-70 -60 -50 -40 -30 -20 -10 0 10 20 30 40 50 60 70

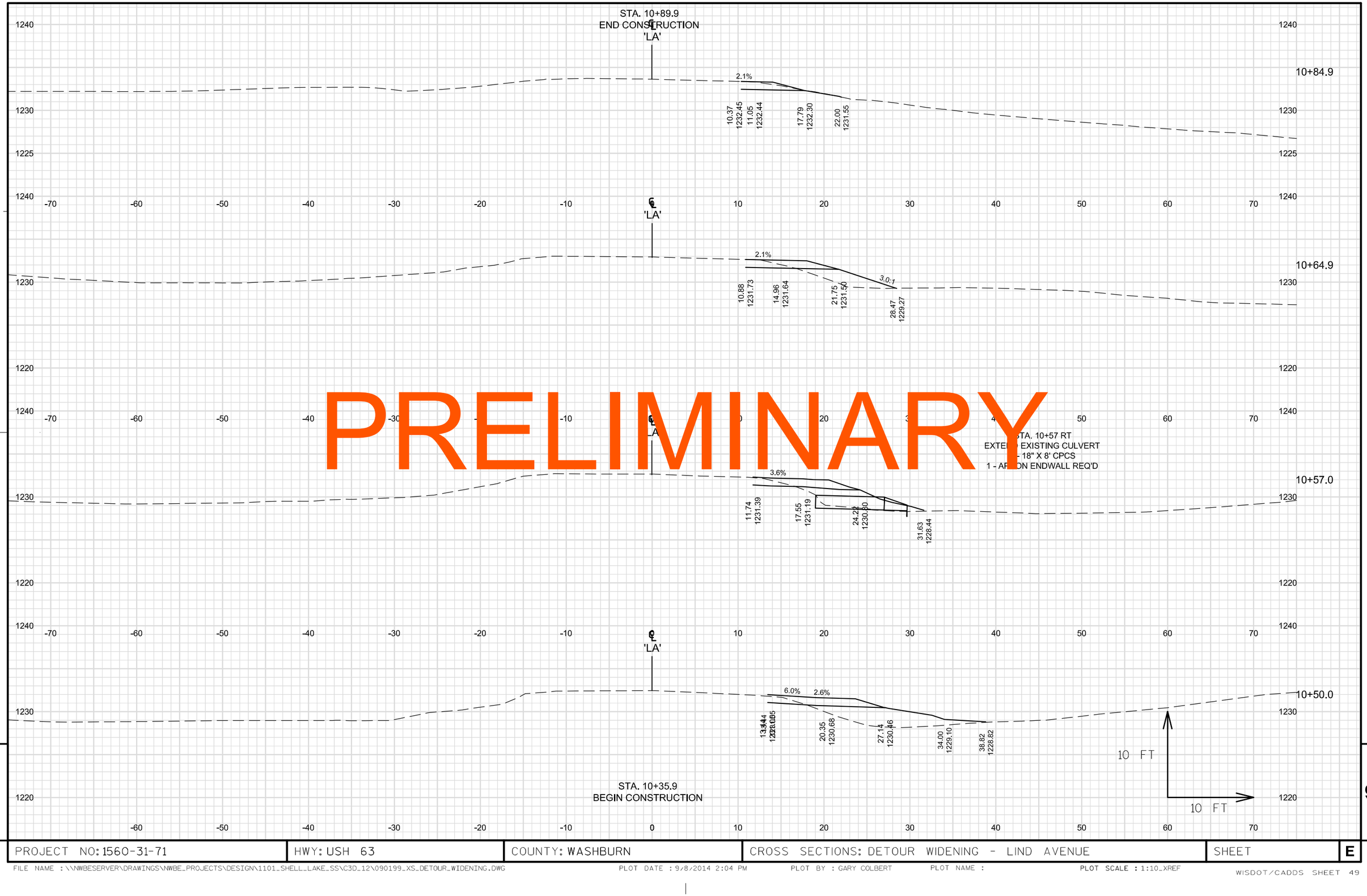
10 FT
10 FT

STA. 10+18.6
BEGIN CONSTRUCTION

9

PROJECT NO: 1560-31-71	HWY: USH 63	COUNTY: WASHBURN	CROSS SECTIONS: DETOUR WIDEING - NORTH INDUSTRIAL DRIVE	SHEET E

FILE NAME : \\NWBESERVER\DRAWINGS\NWBE_PROJECTS\DESIGN\1101_SHELL_LAKE_SS\C3D_12\090199_XS_DETOUR_WIDENING.DWG
PLOT DATE : 9/8/2014 2:04 PM
PLOT BY : GARY COLBERT
PLOT NAME :
PLOT SCALE : 1:10_XREF



PRELIMINARY

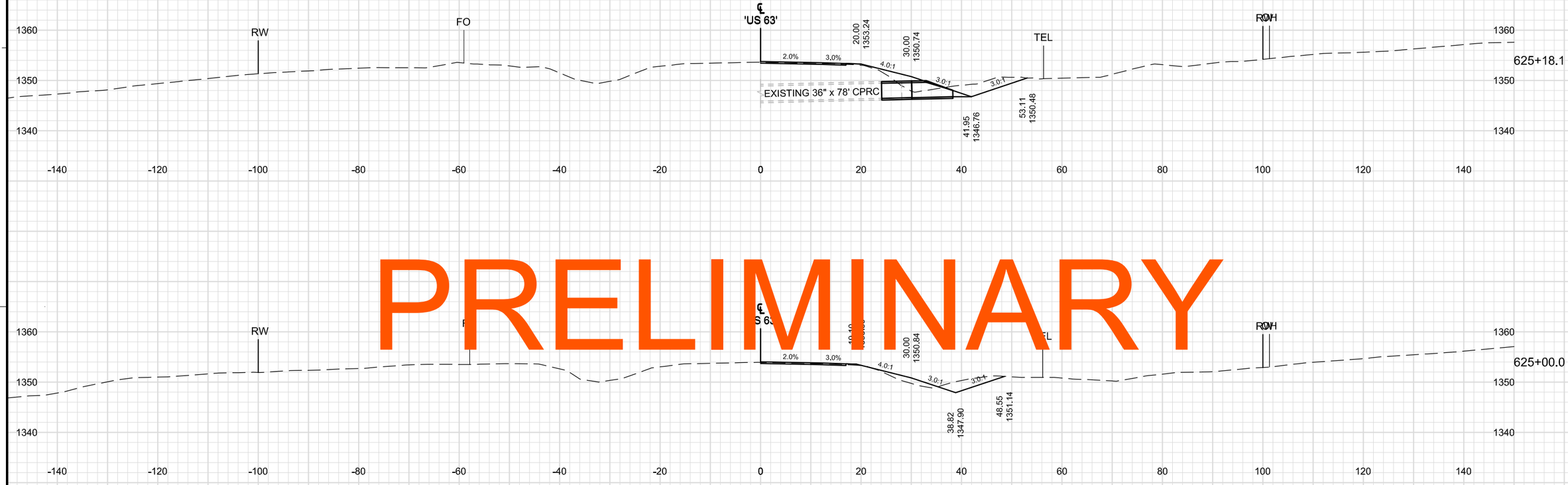
9

9

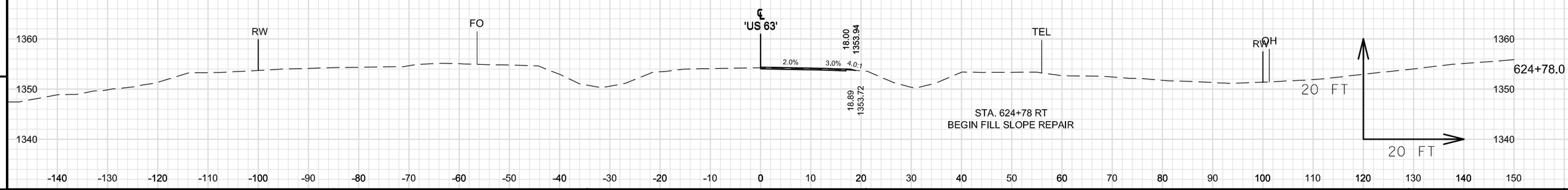
PROJECT NO: 1560-31-71	HWY: USH 63	COUNTY: WASHBURN	CROSS SECTIONS: DETOUR WIDENING - LIND AVENUE	SHEET	E

FILE NAME : \\NWBESERVER\DRAWINGS\NWBE_PROJECTS\DESIGN\1101_SHELL_LAKE_SS\C3D_12\090199_XS_DETOUR_WIDENING.DWG PLOT DATE : 9/8/2014 2:04 PM PLOT BY : GARY COLBERT PLOT NAME : PLOT SCALE : 1:10_XREF

WISDOT/CADDS SHEET 49



PRELIMINARY



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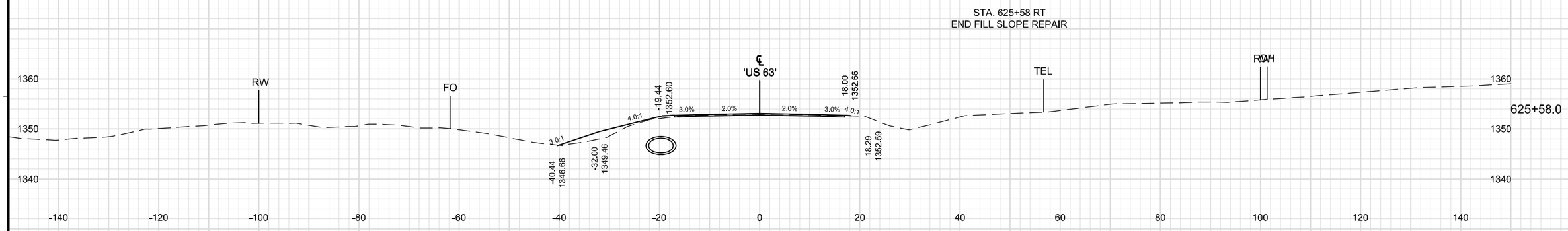
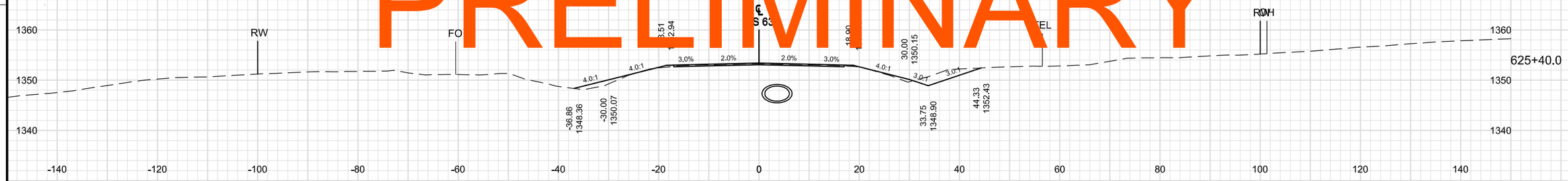
PROJECT NO: 1560-31-71	HWY: USH 63	COUNTY: WASHBURN	CROSS SECTIONS: USH 63	SHEET	E

FILE NAME : \\NWBESERVER\DRAWINGS\NWBE_PROJECTS\DESIGN\1101_SHELL_LAKE_SS\C3D_12\090200_XS_622-777_CULVERTS_AND_SPBG.DWG PLOT DATE : 9/9/2014 9:51 AM PLOT BY : GARY COLBERT PLOT NAME : PLOT SCALE : 1:20_XREF





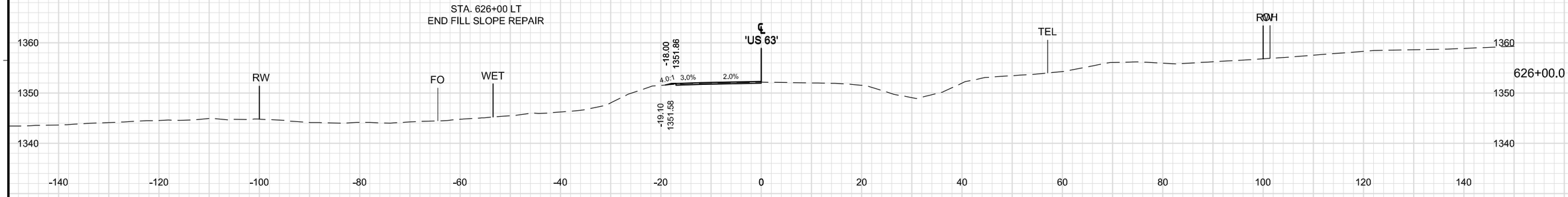
STA. 625+30 LT
BEGIN FILL SLOPE REPAIR

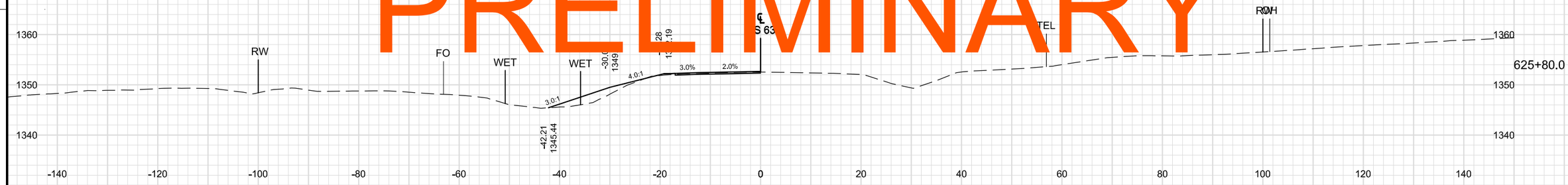
PRELIMINARY

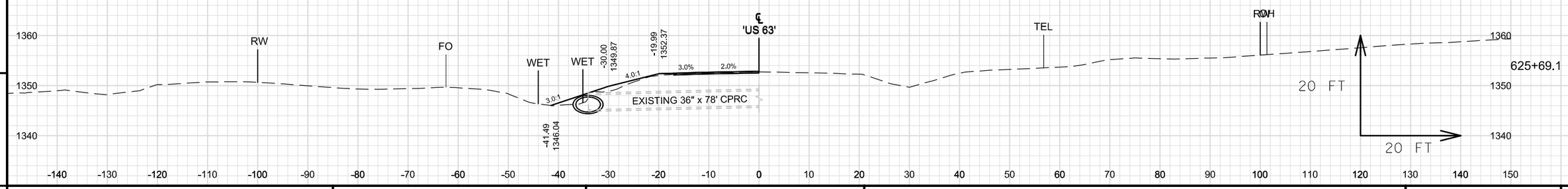
9

9

PROJECT NO: 1560-31-71	HWY: USH 63	COUNTY: WASHBURN	CROSS SECTIONS: USH 63	SHEET	E







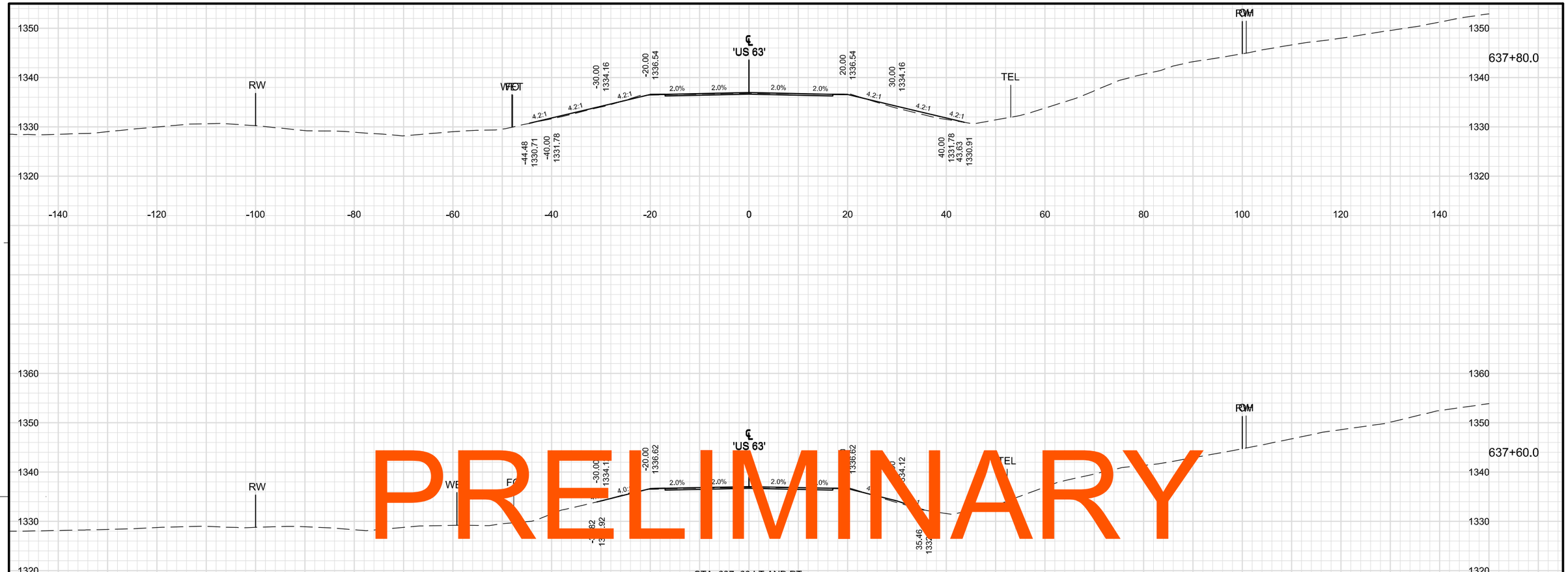
PRELIMINARY

9

9

PROJECT NO: 1560-31-71	HWY: USH 63	COUNTY: WASHBURN	CROSS SECTIONS: USH 63	SHEET	E

FILE NAME : \\NWBESERVER\DRAWINGS\NWBE_PROJECTS\DESIGN\1101_SHELL_LAKE_SS\C3D_12\090200_XS_622-777_CULVERTS_AND_SPBG.DWG PLOT DATE : 9/9/2014 9:39 AM PLOT BY : GARY COLBERT PLOT NAME : PLOT SCALE : 1:20_XREF

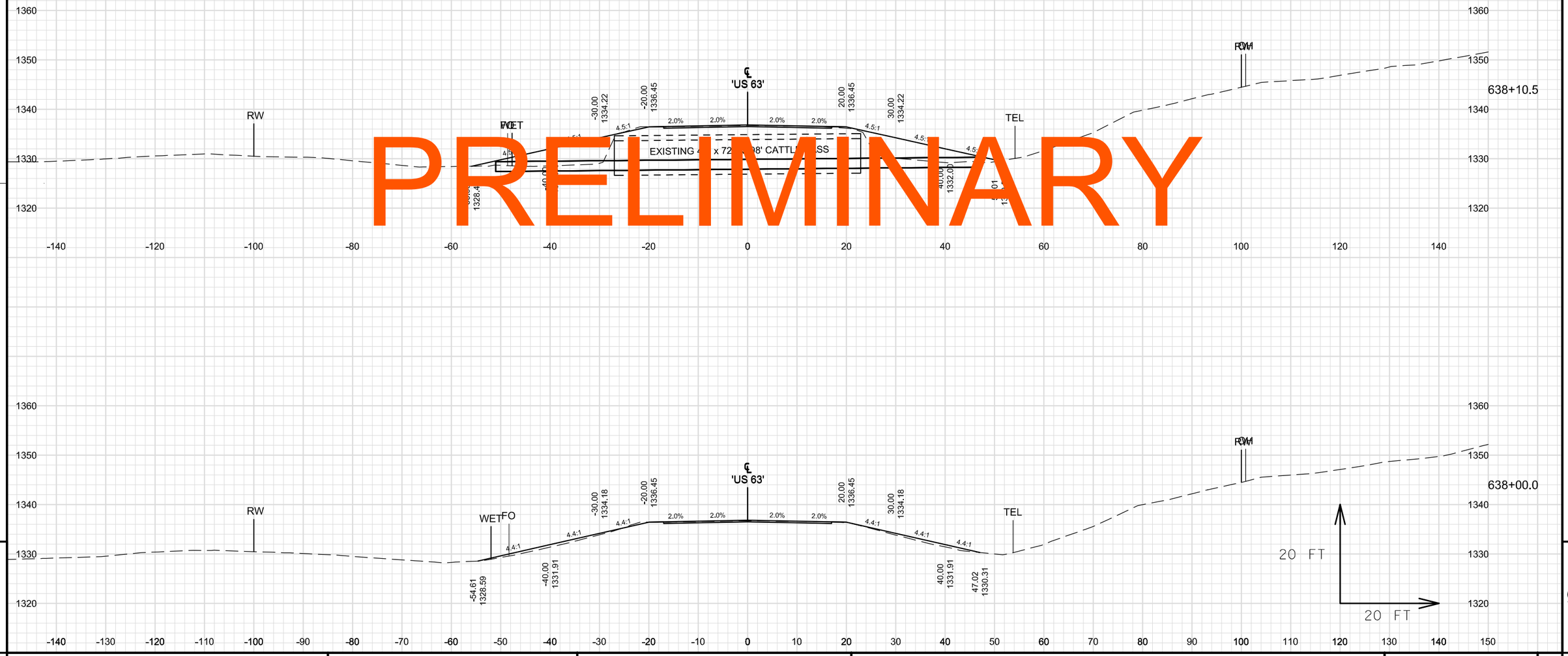


PRELIMINARY

9 9

PROJECT NO: 1560-31-71	HWY: USH 63	COUNTY: WASHBURN	CROSS SECTIONS: USH 63	SHEET E

PRELIMINARY

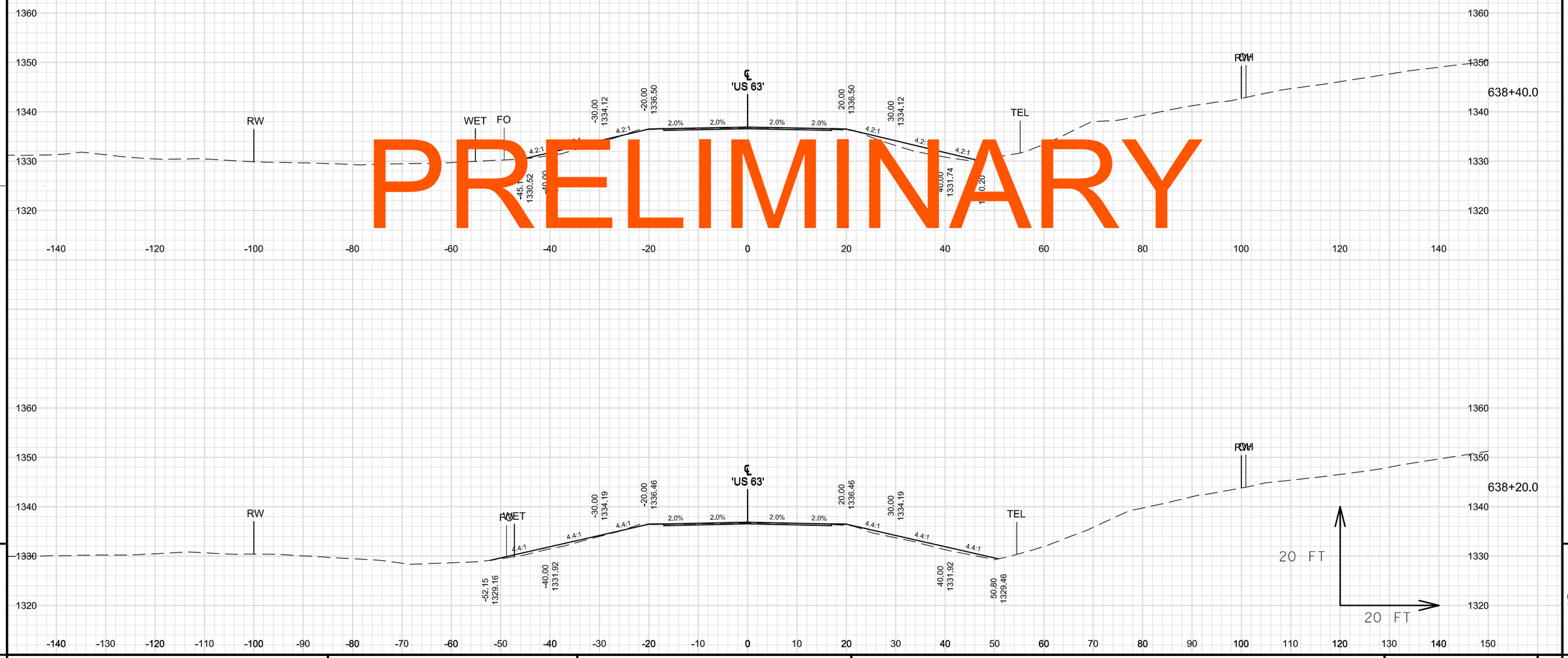


9 9

PROJECT NO: 1560-31-71	HWY: USH 63	COUNTY: WASHBURN	CROSS SECTIONS: USH 63	SHEET	E

FILE NAME : \\NWBESERVER\DRAWINGS\NWBE_PROJECTS\DESIGN\1101_SHELL_LAKE_SS\C3D_12\090200_XS_622-777_CULVERTS_AND_SPBG.DWG PLOT DATE : 9/9/2014 9:40 AM PLOT BY : GARY COLBERT PLOT NAME : PLOT SCALE : 1:20_XREF

PRELIMINARY



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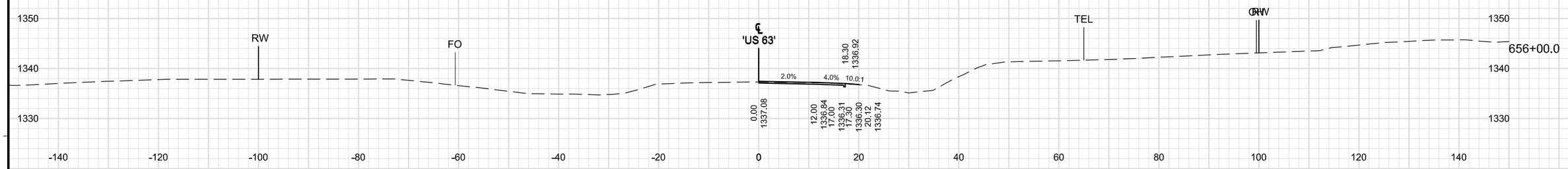
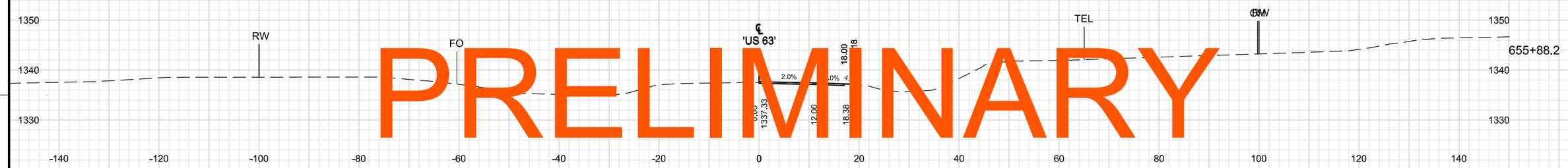
9

PROJECT NO: 1560-31-71	HWY: USH 63	COUNTY: WASHBURN	CROSS SECTIONS: USH 63	SHEET	E

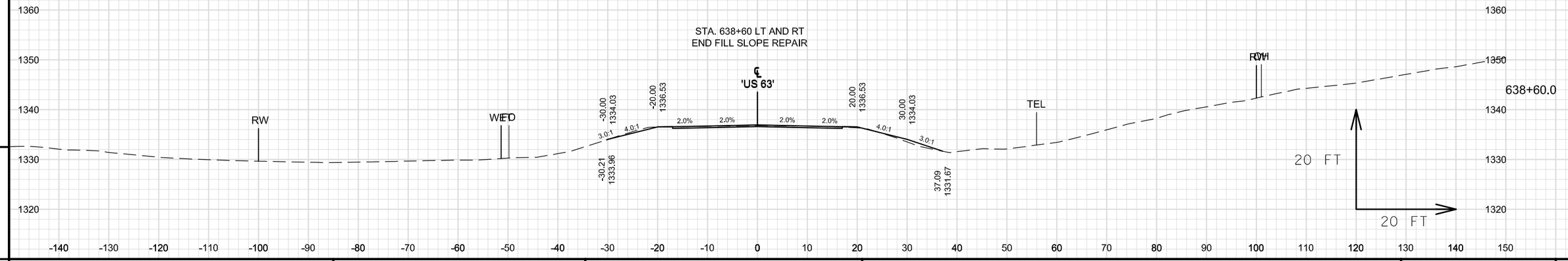


STA. 655+88.2 RT
BEGIN TERMINAL WIDENING



PRELIMINARY

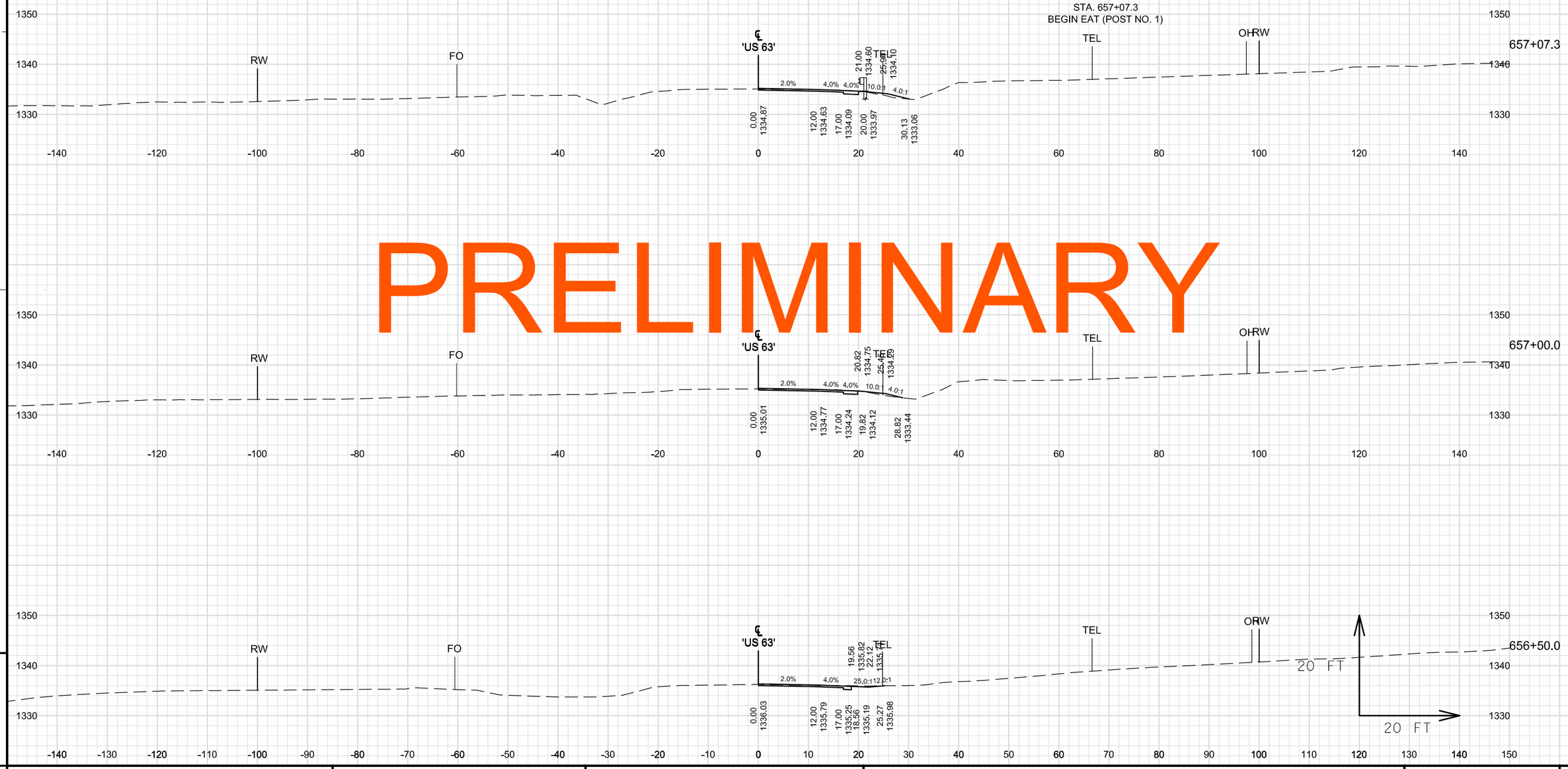
STA. 638+60 LT AND RT
END FILL SLOPE REPAIR



9 9

PROJECT NO: 1560-31-71	HWY: USH 63	COUNTY: WASHBURN	CROSS SECTIONS: USH 63	SHEET	E

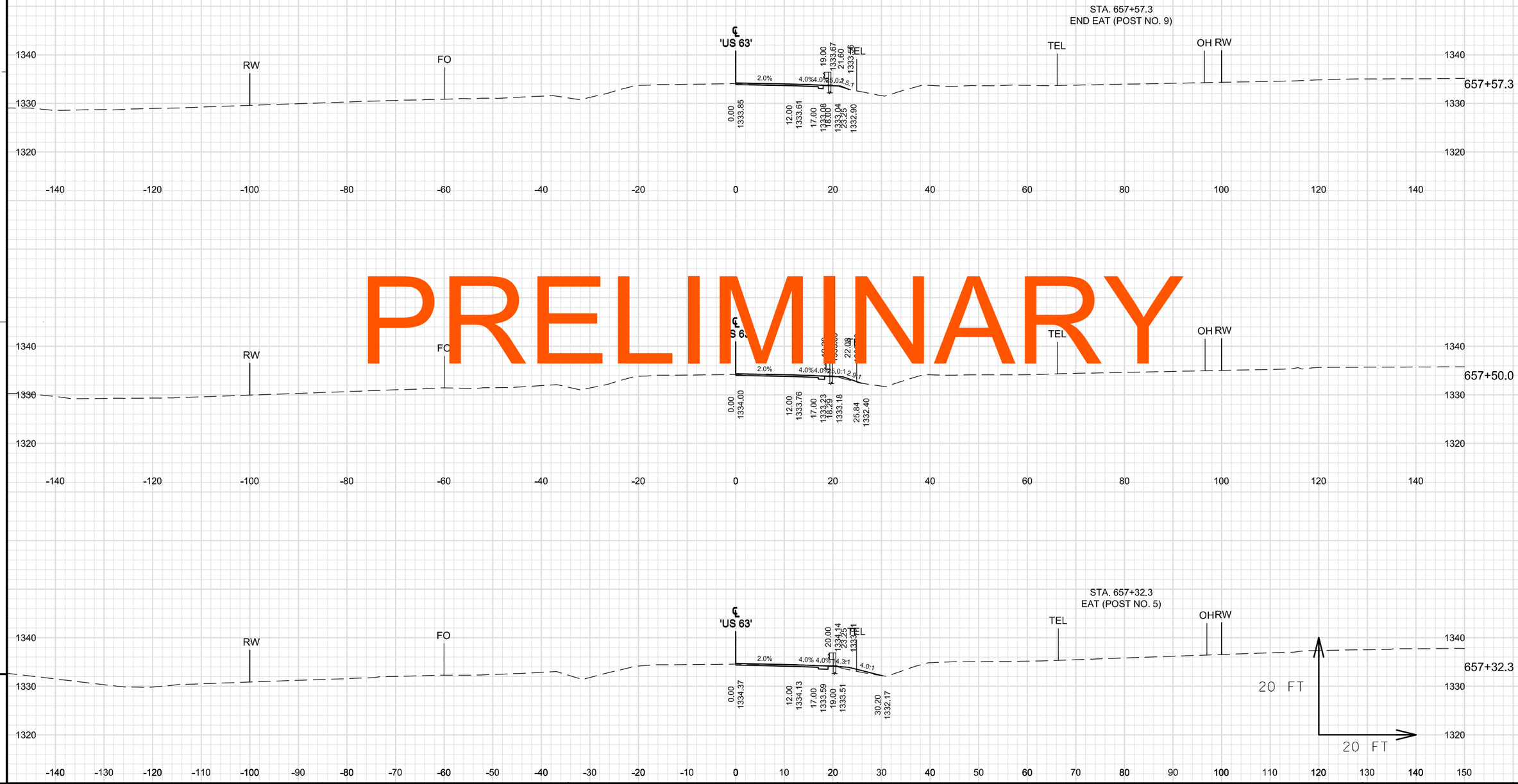
FILE NAME : \\NWBESERVER\DRAWINGS\NWBE_PROJECTS\DESIGN\1101_SHELL_LAKE_SS\C3D_12\090200_XS_622-777_CULVERTS_AND_SPBG.DWG PLOT DATE : 9/9/2014 9:42 AM PLOT BY : GARY COLBERT PLOT NAME : PLOT SCALE : 1:20_XREF
WISDOT/CADDS SHEET 49



PRELIMINARY

PROJECT NO: 1560-31-71	HWY: USH 63	COUNTY: WASHBURN	CROSS SECTIONS: USH 63	SHEET	E

FILE NAME : \\NWBESERVER\DRAWINGS\NWBE_PROJECTS\DESIGN\1101_SHELL_LAKE_SS\C3D_12\090200_XS_622-777_CULVERTS_AND_SPBG.DWG PLOT DATE : 9/9/2014 9:42 AM PLOT BY : GARY COLBERT PLOT NAME : PLOT SCALE : 1:20_XREF

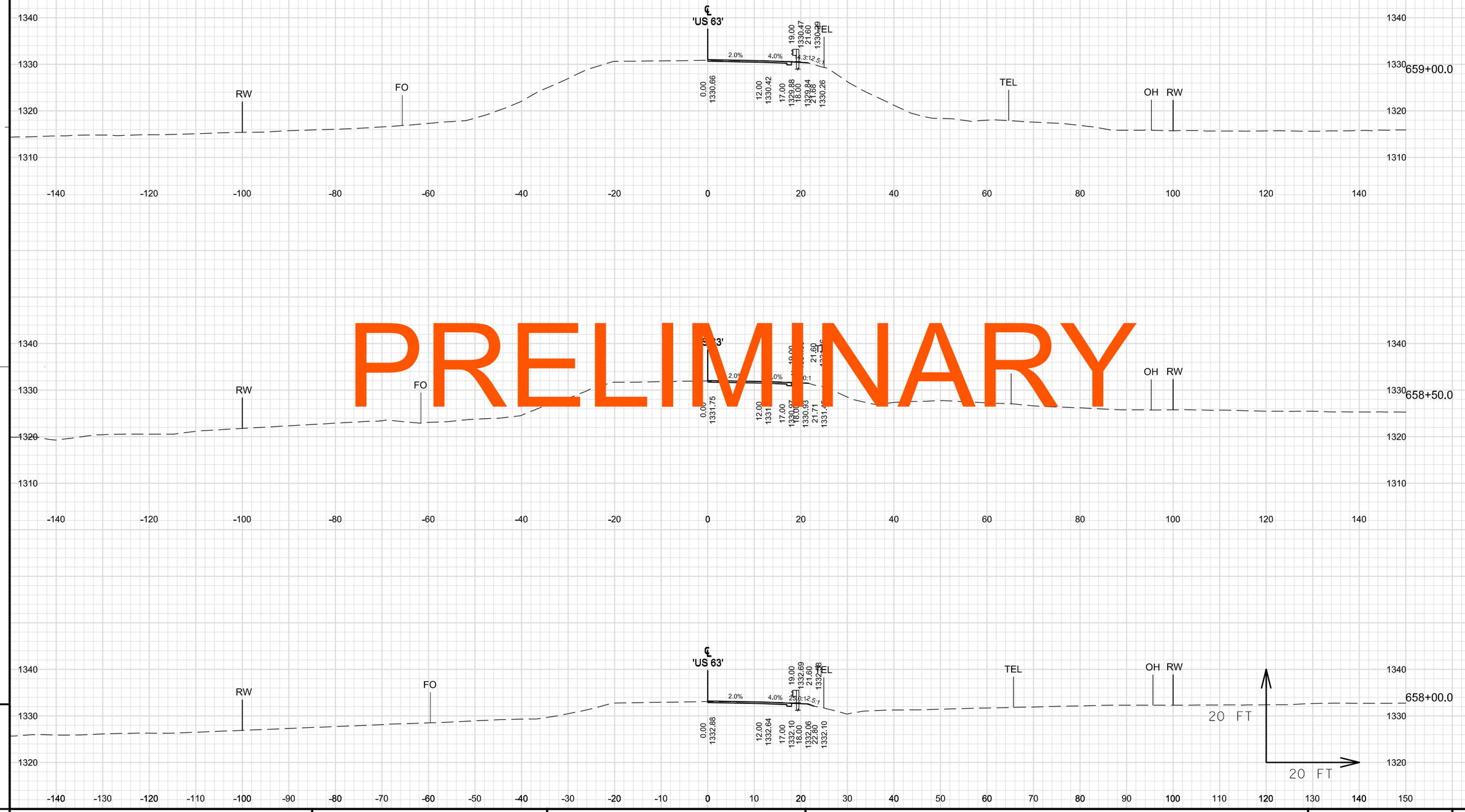


PRELIMINARY

9 9

PROJECT NO: 1560-31-71	HWY: USH 63	COUNTY: WASHBURN	CROSS SECTIONS: USH 63	SHEET E

FILE NAME : \\NWBESERVER\DRAWINGS\NWBE_PROJECTS\DESIGN\1101_SHELL_LAKE_SS\C3D_12\090200_XS_622-777_CULVERTS_AND_SPBG.DWG PLOT DATE : 9/9/2014 9:43 AM PLOT BY : GARY COLBERT PLOT NAME : PLOT SCALE : 1:20_XREF



PRELIMINARY

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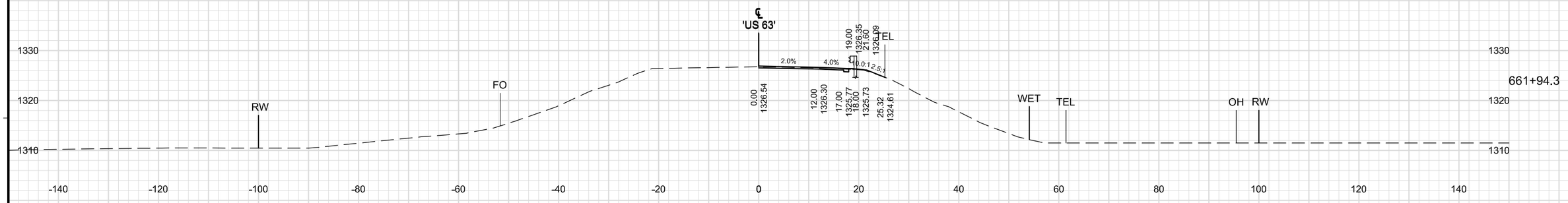
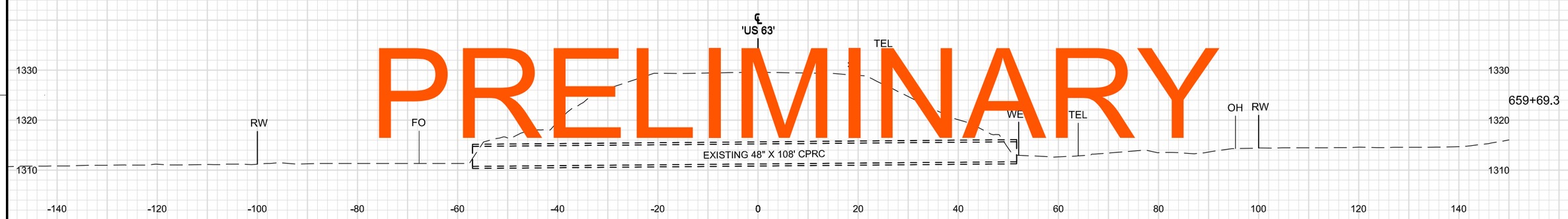
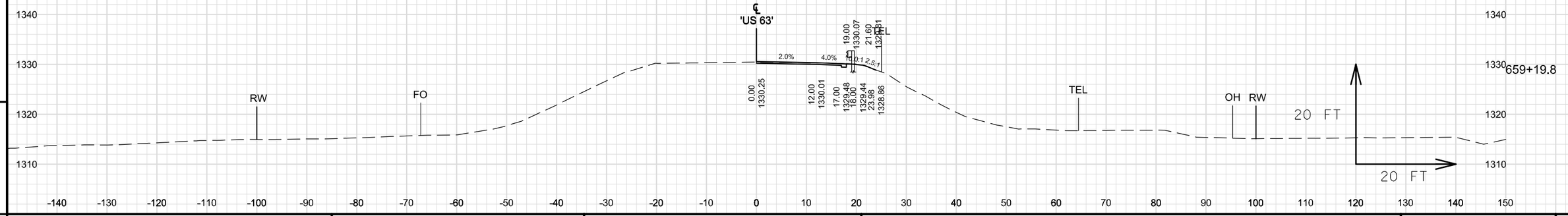
PROJECT NO: 1560-31-71	HWY: USH 63	COUNTY: WASHBURN	CROSS SECTIONS: USH 63	SHEET	E







PRELIMINARY

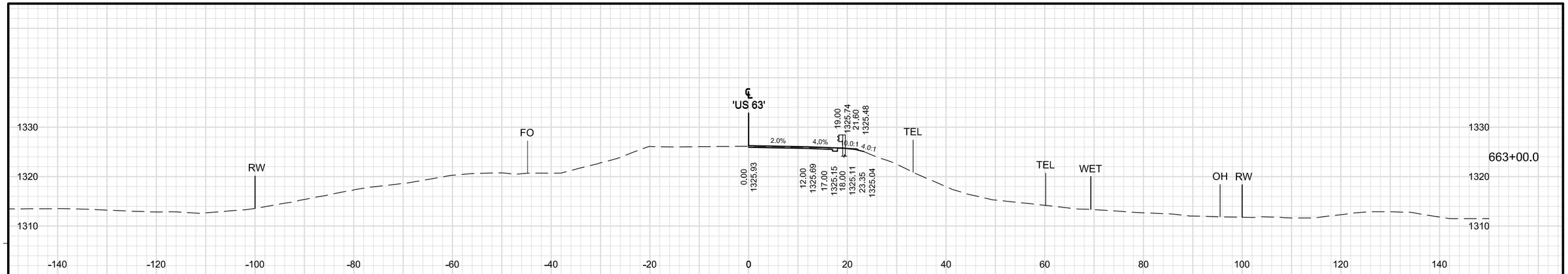
9

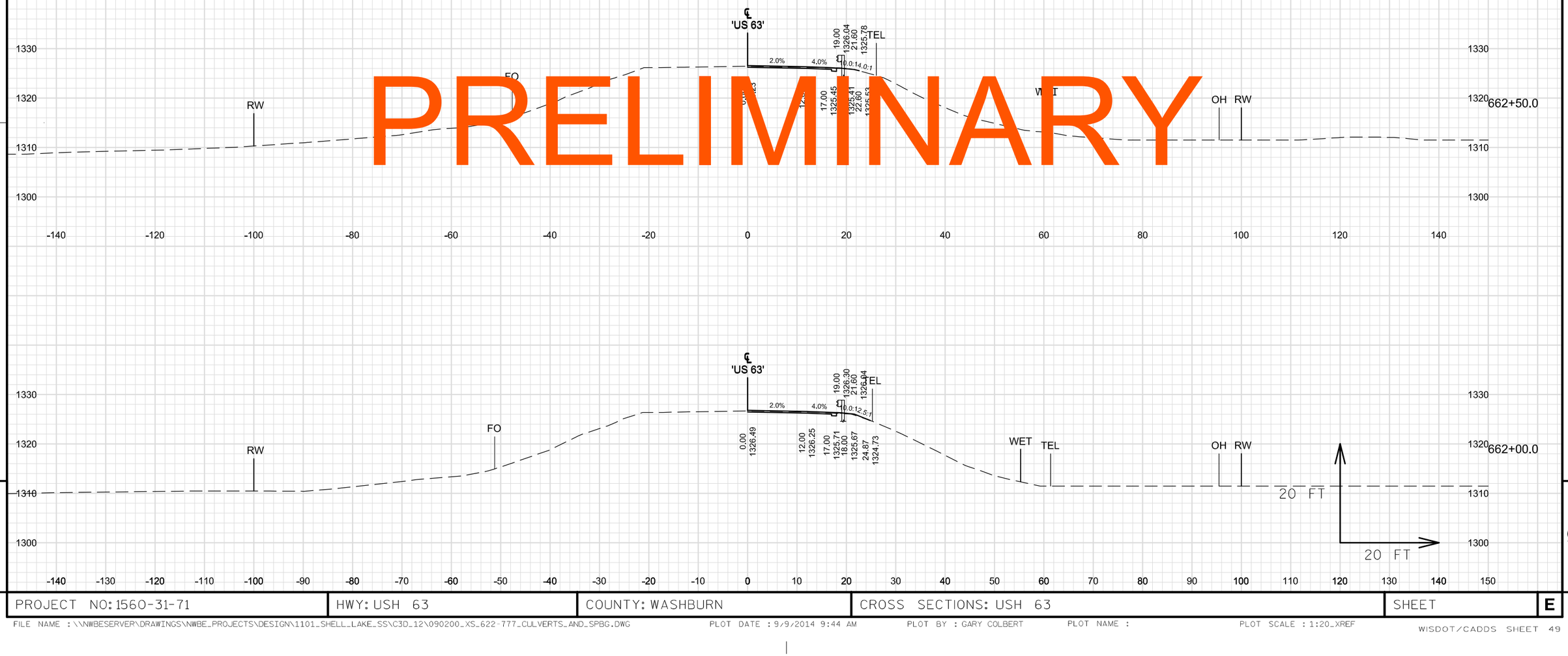
9

PROJECT NO: 1560-31-71	HWY: USH 63	COUNTY: WASHBURN	CROSS SECTIONS: USH 63	SHEET	E

FILE NAME : \\NWBESERVER\DRAWINGS\NWBE_PROJECTS\DESIGN\1101_SHELL_LAKE_SS\C3D_12\090200_XS_622-777_CULVERTS_AND_SPBG.DWG PLOT DATE : 9/9/2014 9:44 AM PLOT BY : GARY COLBERT PLOT NAME : PLOT SCALE : 1:20_XREF

WISDOT/CADDS SHEET 49





PRELIMINARY

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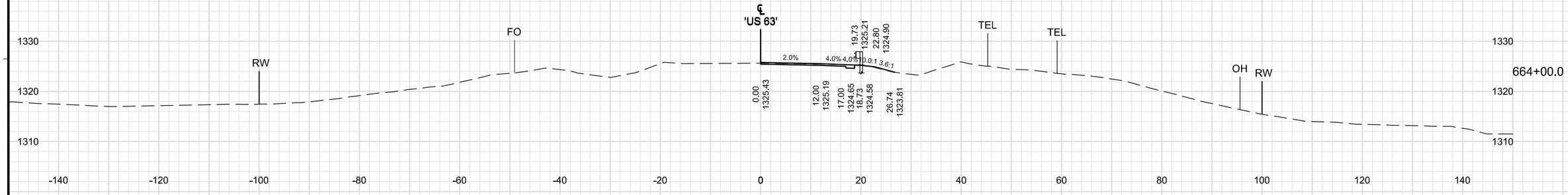
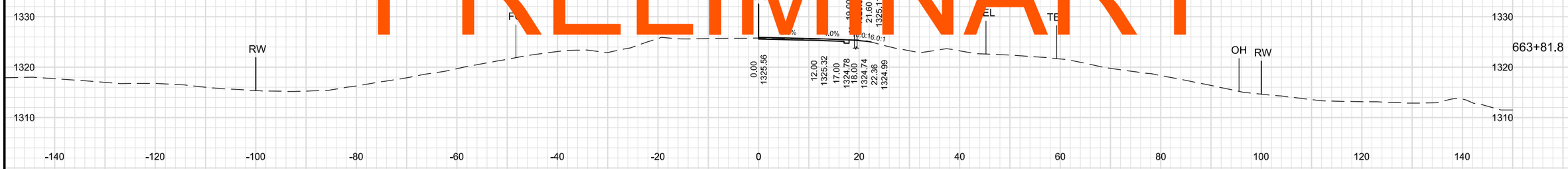
9

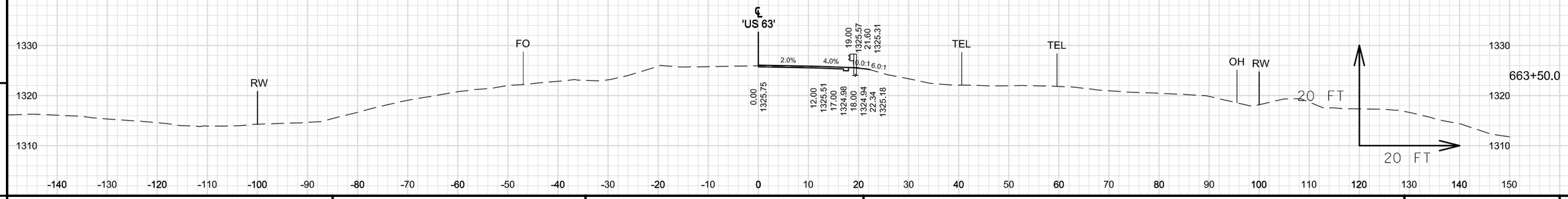
PROJECT NO: 1560-31-71	HWY: USH 63	COUNTY: WASHBURN	CROSS SECTIONS: USH 63	SHEET	E

FILE NAME : \\NWBESERVER\DRAWINGS\NWBE_PROJECTS\DESIGN\1101_SHELL_LAKE_SS\C3D_12\090200_XS_622-777_CULVERTS_AND_SPBG.DWG PLOT DATE : 9/9/2014 9:44 AM PLOT BY : GARY COLBERT PLOT NAME : PLOT SCALE : 1:20_XREF

PRELIMINARY



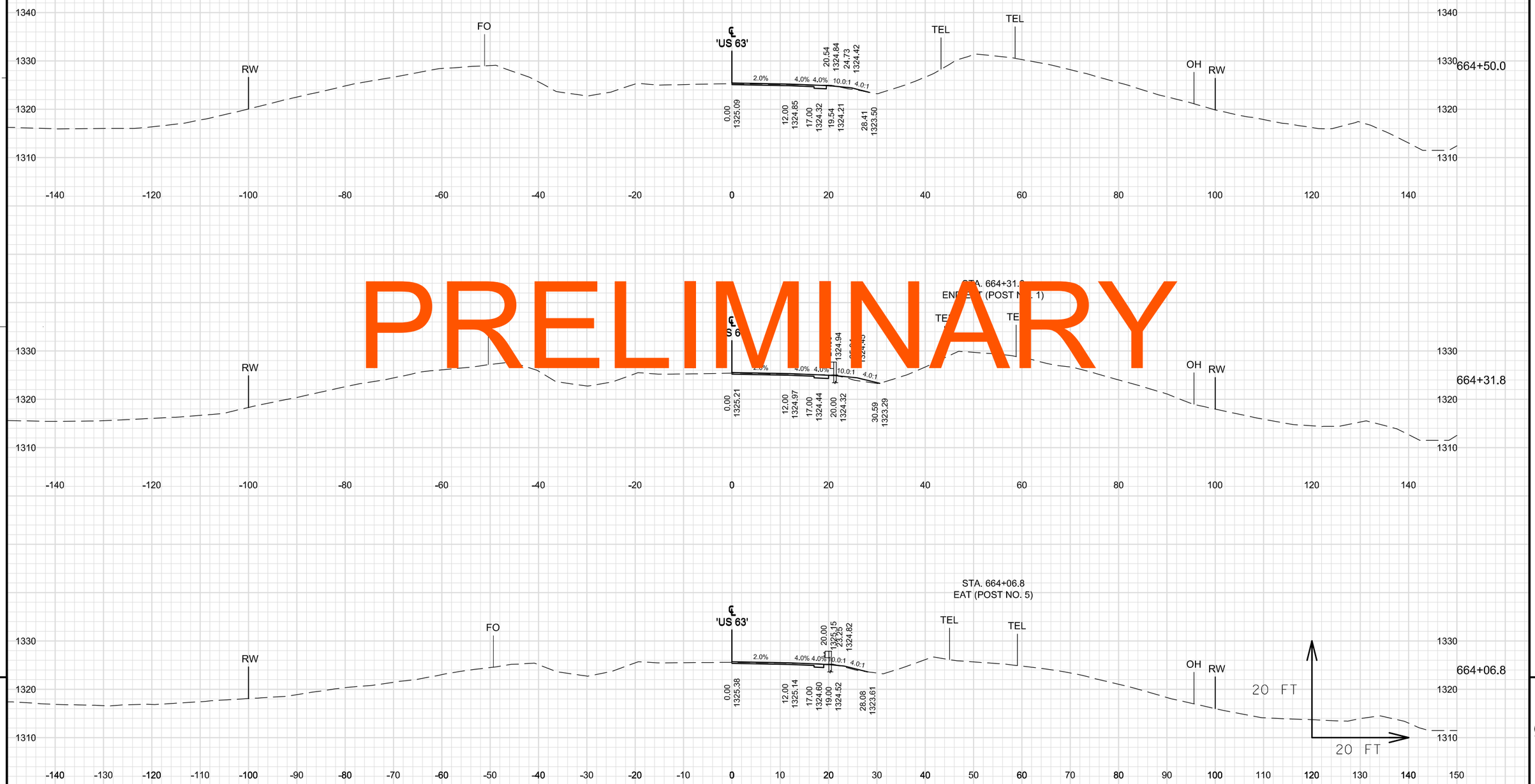




9 9

PROJECT NO: 1560-31-71	HWY: USH 63	COUNTY: WASHBURN	CROSS SECTIONS: USH 63	SHEET	E

FILE NAME : \\NWBESERVER\DRAWINGS\NWBE_PROJECTS\DESIGN\1101_SHELL_LAKE_SS\C3D_12\090200_XS_622-777_CULVERTS_AND_SPBG.DWG PLOT DATE : 9/9/2014 9:45 AM PLOT BY : GARY COLBERT PLOT NAME : PLOT SCALE : 1:20_XREF



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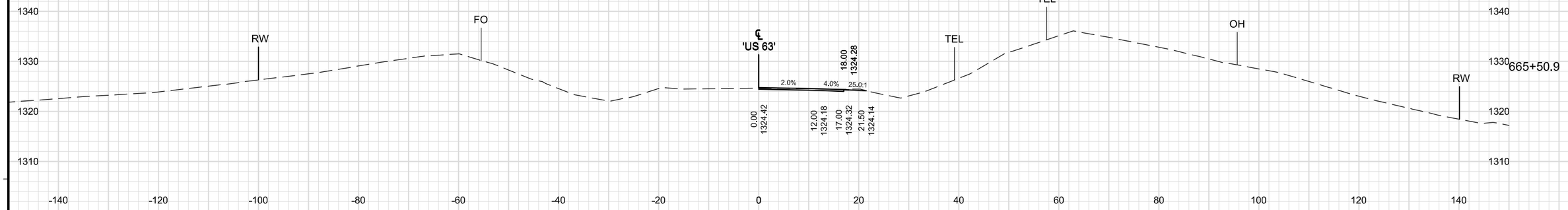
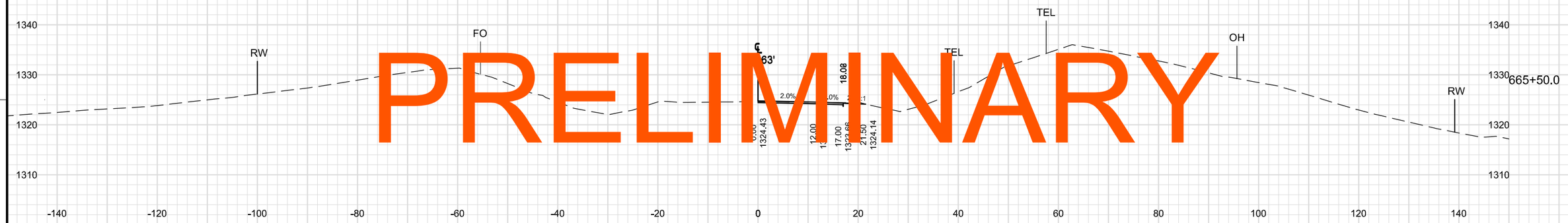
9

PROJECT NO: 1560-31-71	HWY: USH 63	COUNTY: WASHBURN	CROSS SECTIONS: USH 63	SHEET	E

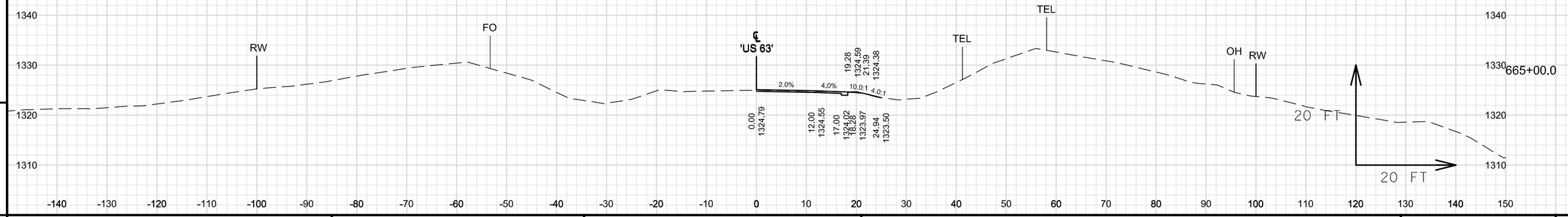
FILE NAME : \\NWBESERVER\DRAWINGS\NWBE_PROJECTS\DESIGN\1101_SHELL_LAKE_SS\C3D_12\090200_XS_622-777_CULVERTS_AND_SPBG.DWG PLOT DATE : 9/9/2014 9:46 AM PLOT BY : GARY COLBERT PLOT NAME : PLOT SCALE : 1:20_XREF

STA. 665+50.9 RT
END TERMINAL WIDENING





PRELIMINARY



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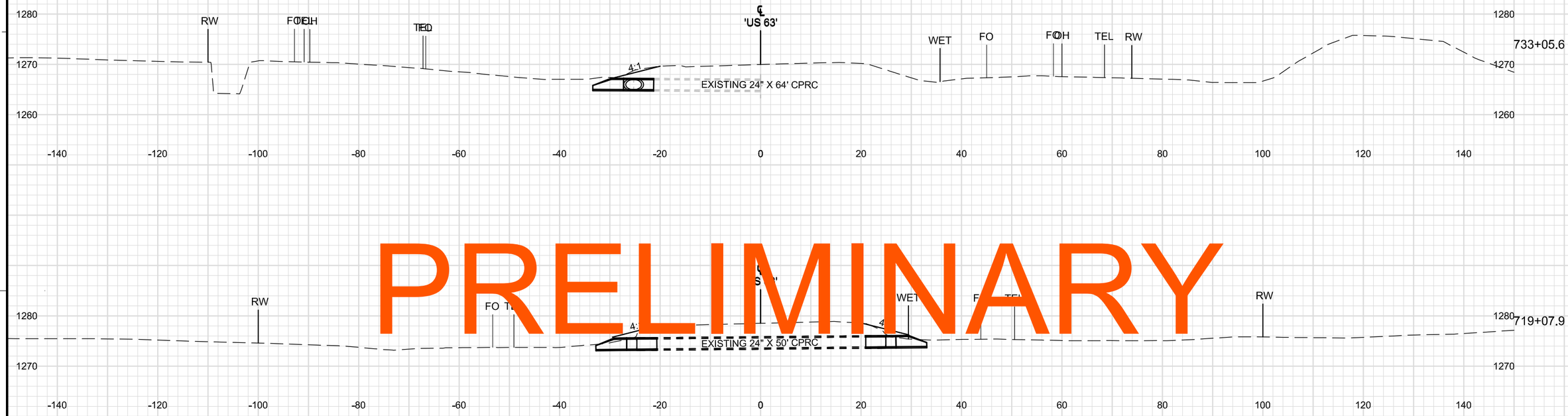
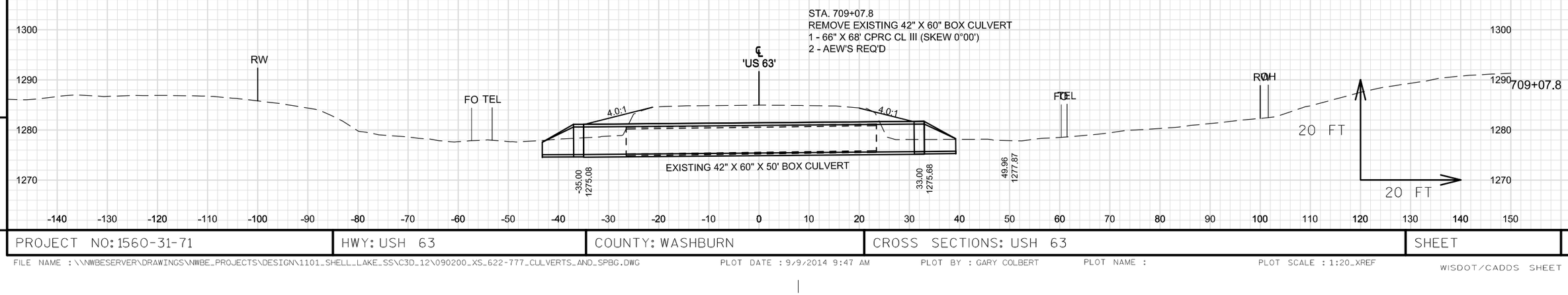
PROJECT NO: 1560-31-71	HWY: USH 63	COUNTY: WASHBURN	CROSS SECTIONS: USH 63	SHEET	E

FILE NAME : \\NWBESERVER\DRAWINGS\NWBE_PROJECTS\DESIGN\1101_SHELL_LAKE_SS\C3D_12\090200_XS_622-777_CULVERTS_AND_SPBG.DWG PLOT DATE : 9/9/2014 9:46 AM PLOT BY : GARY COLBERT PLOT NAME : PLOT SCALE : 1:20_XREF

PRELIMINARY

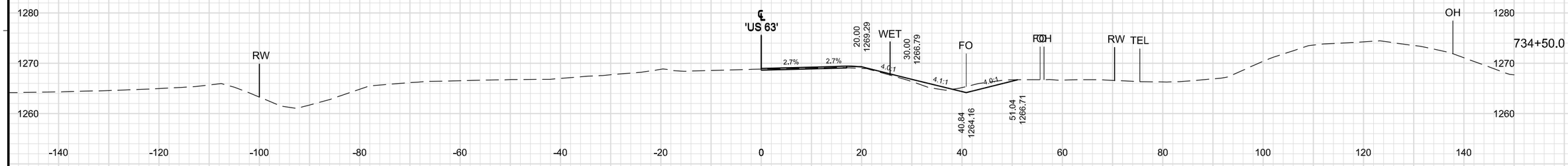


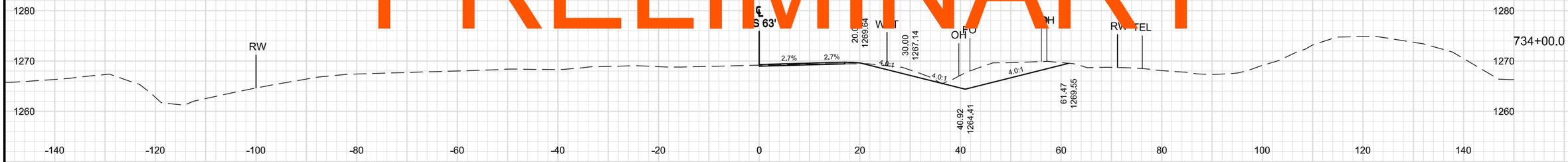


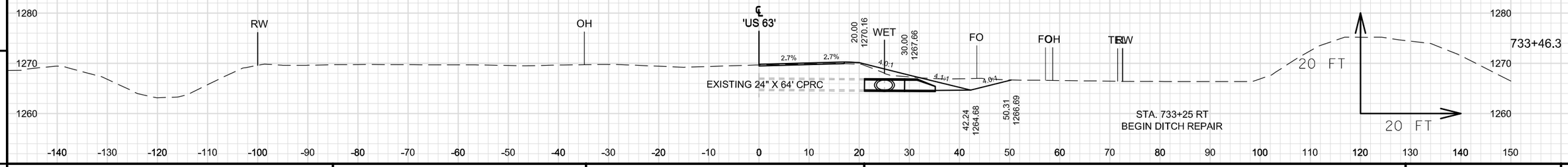
9 9

PROJECT NO: 1560-31-71	HWY: USH 63	COUNTY: WASHBURN	CROSS SECTIONS: USH 63	SHEET	E

PRELIMINARY



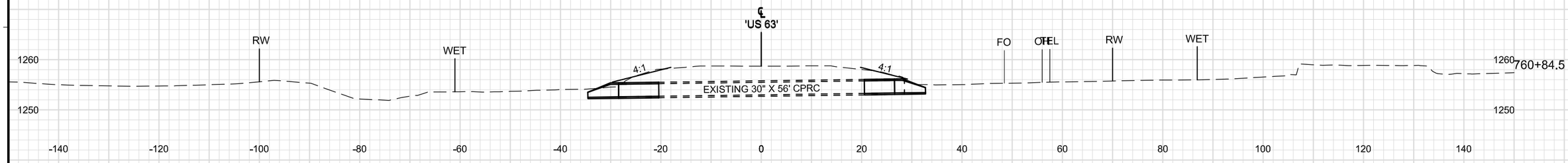


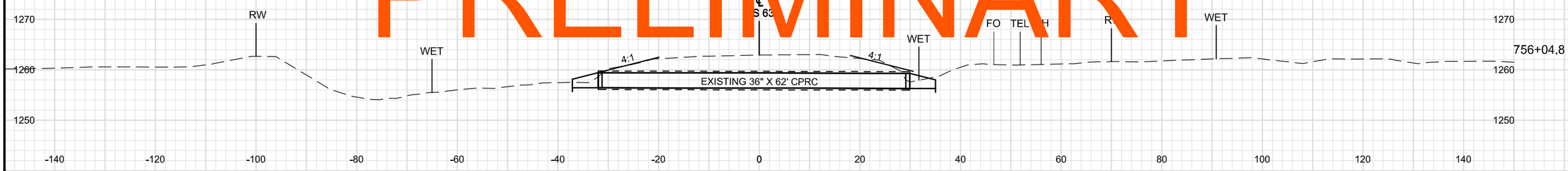


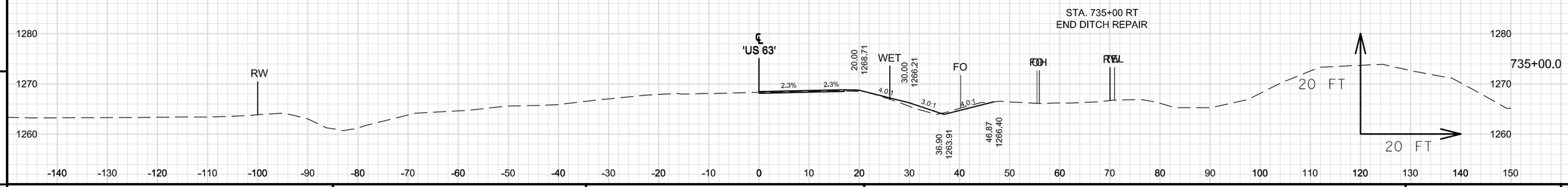
PROJECT NO: 1560-31-71	HWY: USH 63	COUNTY: WASHBURN	CROSS SECTIONS: USH 63	SHEET	E

FILE NAME : \\NWBESERVER\DRAWINGS\NWBE_PROJECTS\DESIGN\1101_SHELL_LAKE_SS\C3D_12\090200_XS_622-777_CULVERTS_AND_SPBG.DWG PLOT DATE : 9/9/2014 9:47 AM PLOT BY : GARY COLBERT PLOT NAME : PLOT SCALE : 1:20_XREF

PRELIMINARY







9 9

PROJECT NO: 1560-31-71	HWY: USH 63	COUNTY: WASHBURN	CROSS SECTIONS: USH 63	SHEET E

FILE NAME : \\NWBESERVER\DRAWINGS\NWBE_PROJECTS\DESIGN\1101_SHELL_LAKE_SS\C3D_12\090200_XS_622-777_CULVERTS_AND_SPBG.DWG PLOT DATE : 9/9/2014 9:48 AM PLOT BY : GARY COLBERT PLOT NAME : PLOT SCALE : 1:20_XREF

PRELIMINARY

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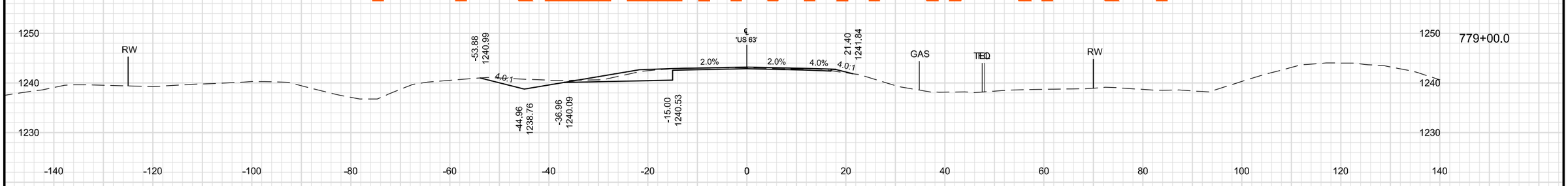
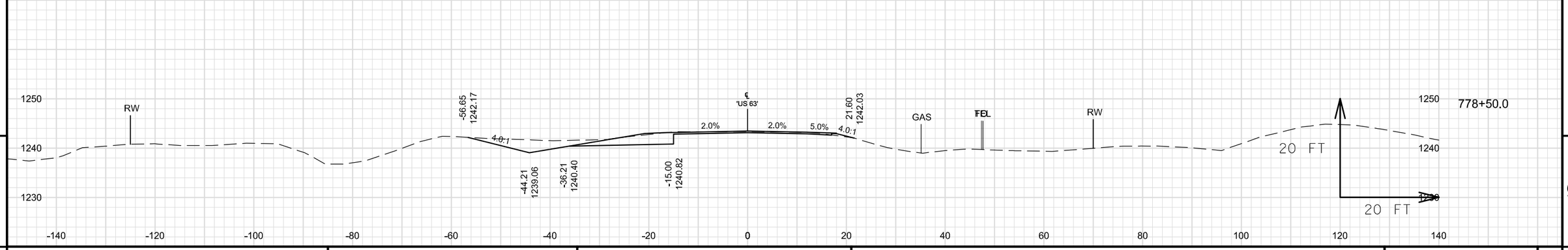
9

PROJECT NO: 1560-31-71	HWY: USH 63	COUNTY: WASHBURN	CROSS SECTIONS: USH 63	SHEET	E

FILE NAME : \\NWBESERVER\DRAWINGS\NWBE_PROJECTS\DESIGN\1101_SHELL_LAKE_SS\C3D_12\090201_XS_777-802_NEW_SCOPE.DWG PLOT DATE : 9/9/2014 10:23 AM PLOT BY : GARY COLBERT PLOT NAME : PLOT SCALE : 1" = 20'_XREF
WISDOT/CADDS SHEET 49

PRELIMINARY





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PROJECT NO: 1560-31-71	HWY: USH 63	COUNTY: WASHBURN	CROSS SECTIONS: USH 63	SHEET	E

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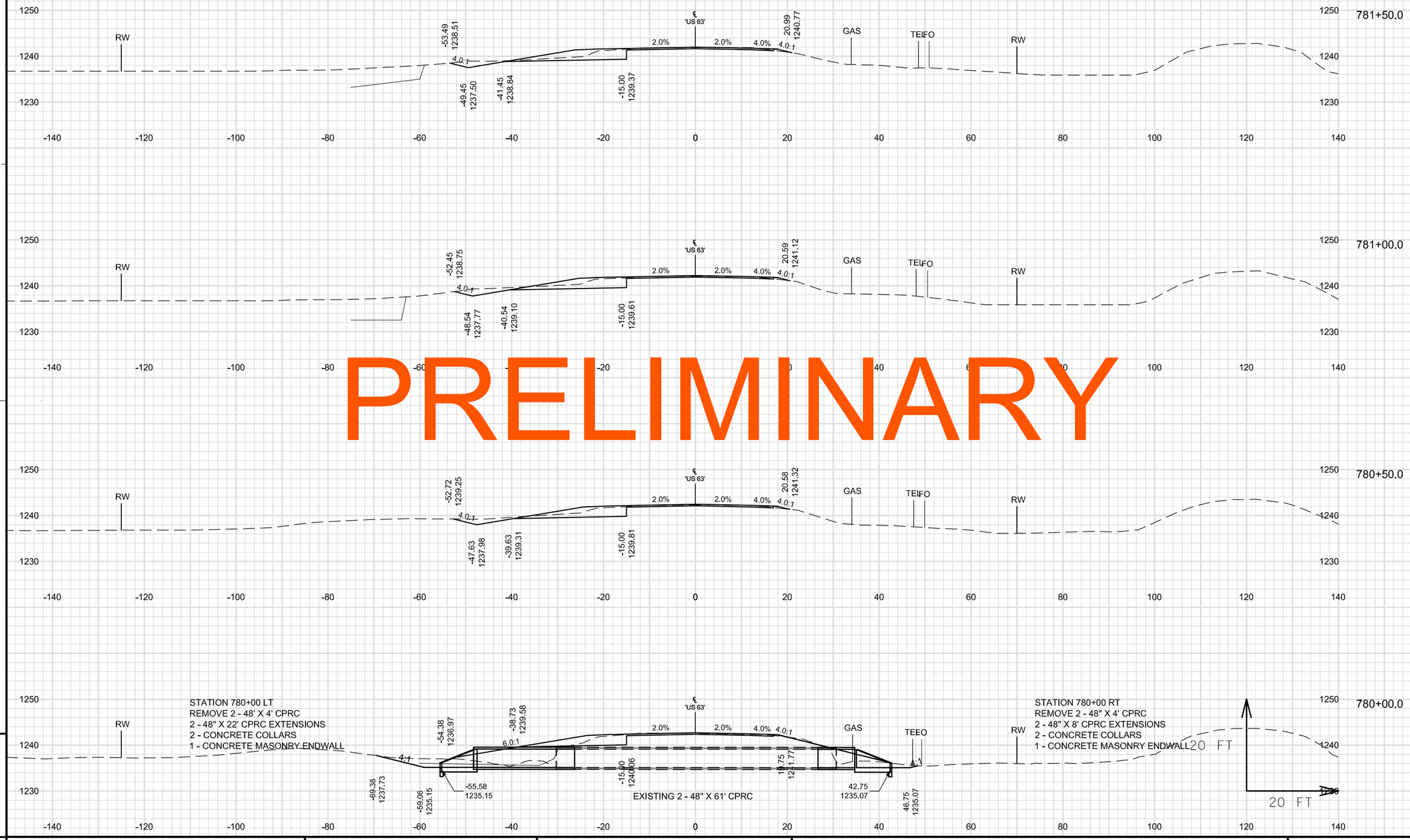

PRELIMINARY

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PROJECT NO: 1560-31-71	HWY: USH 63	COUNTY: WASHBURN	CROSS SECTIONS: USH 63	SHEET	E

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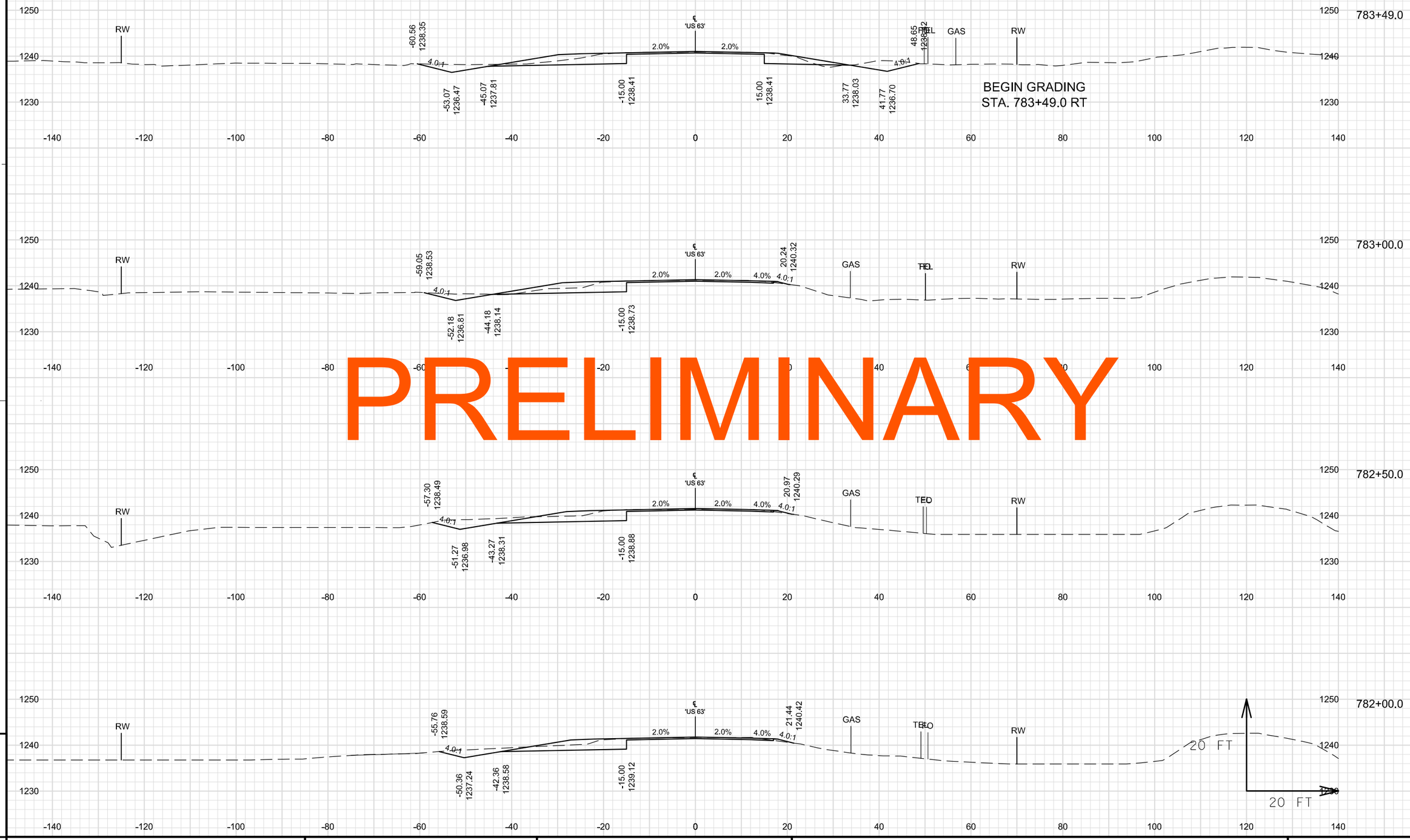

PRELIMINARY

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PROJECT NO: 1560-31-71	HWY: USH 63	COUNTY: WASHBURN	CROSS SECTIONS: USH 63	SHEET	E

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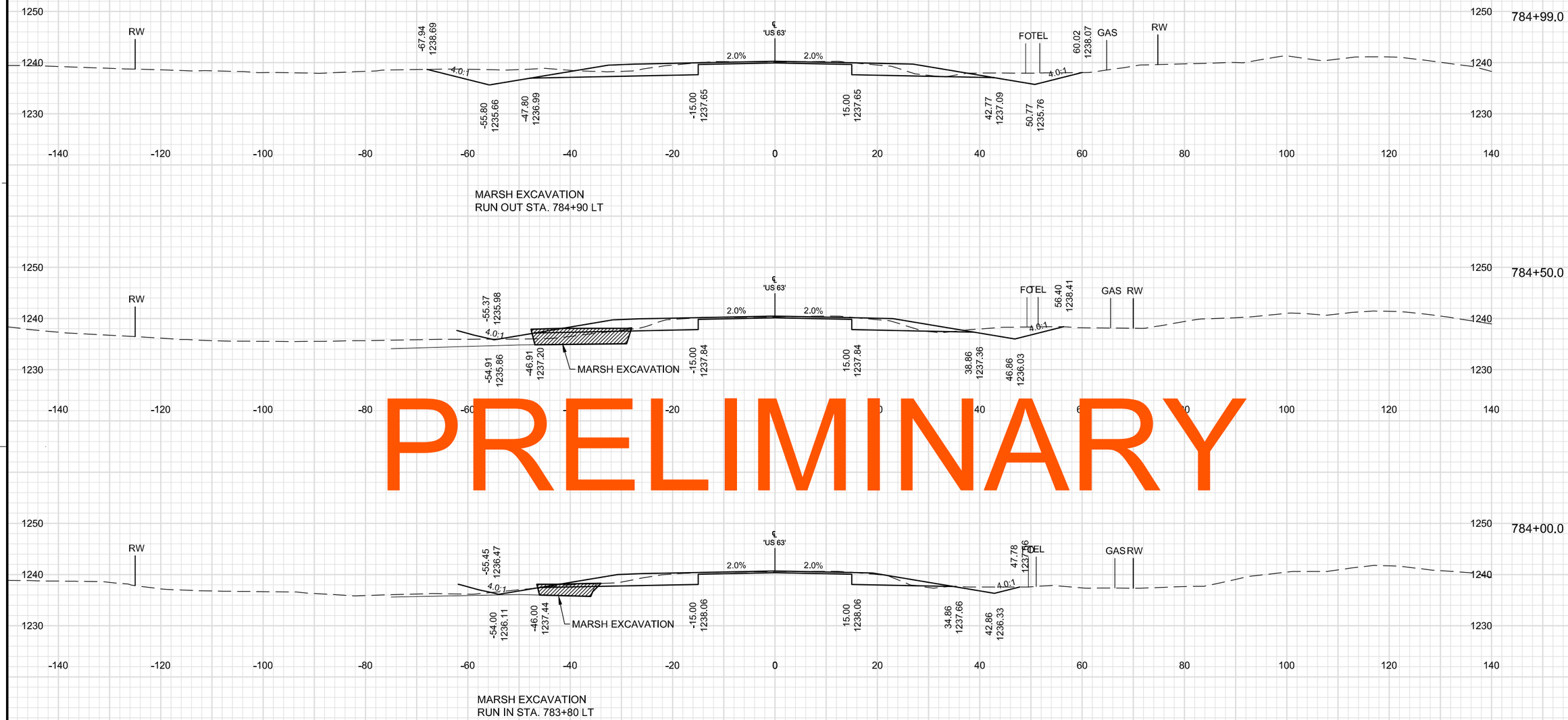

PRELIMINARY

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PROJECT NO: 1560-31-71	HWY: USH 63	COUNTY: WASHBURN	CROSS SECTIONS: USH 63	SHEET E

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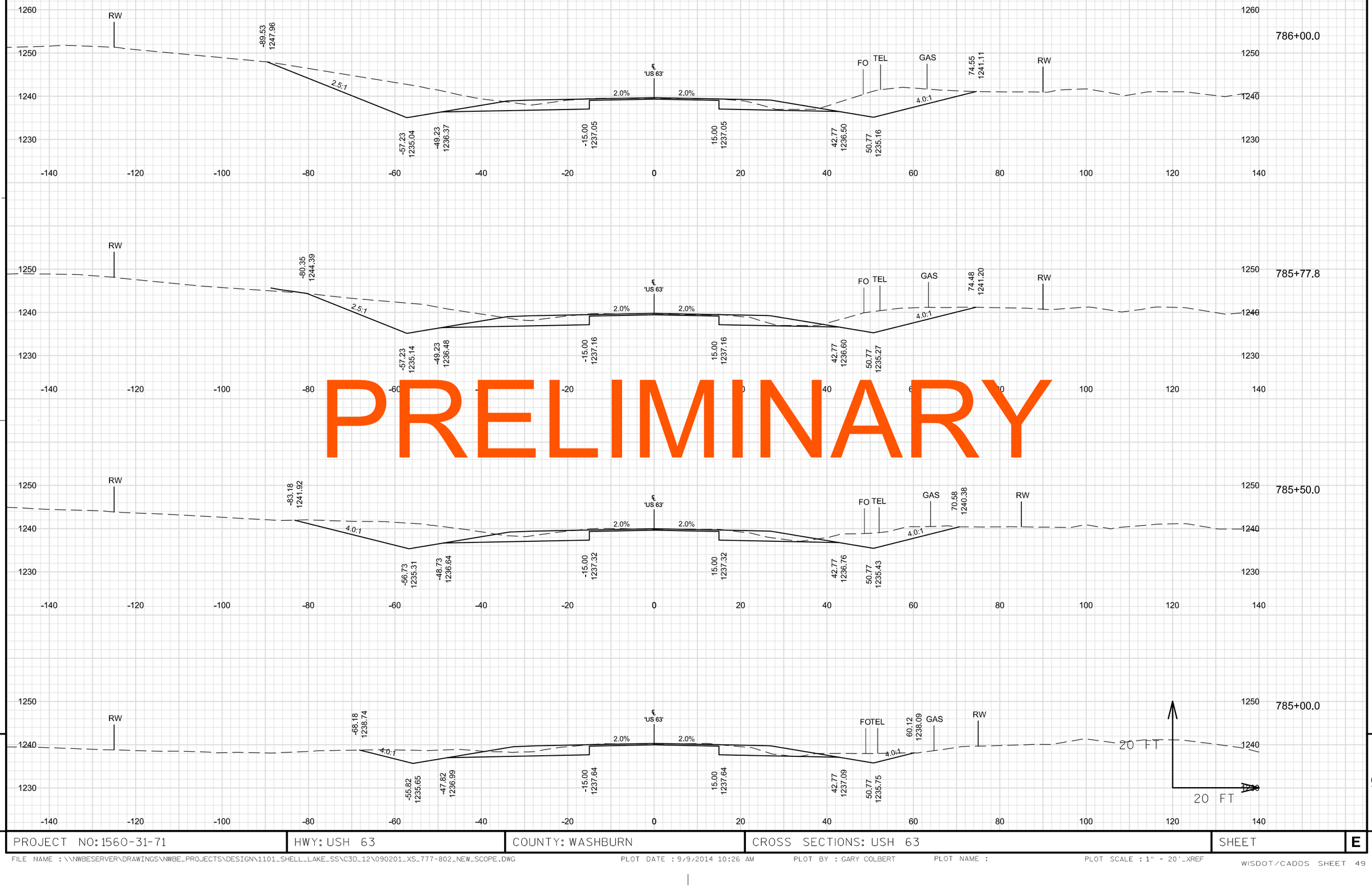

PRELIMINARY

PROJECT NO: 1560-31-71	HWY: USH 63	COUNTY: WASHBURN	CROSS SECTIONS: USH 63	SHEET E

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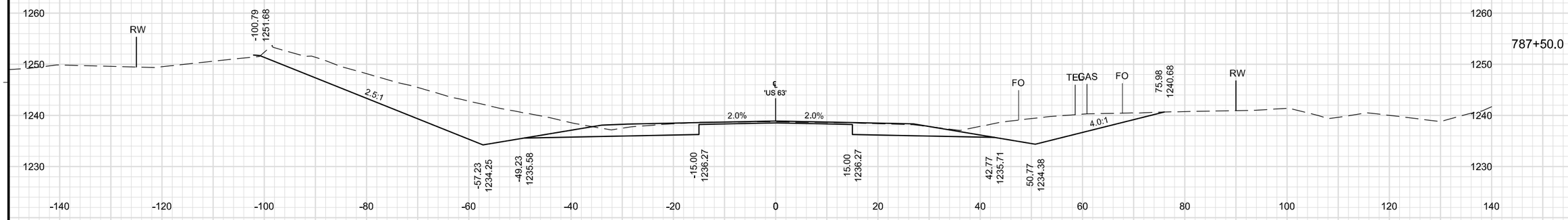
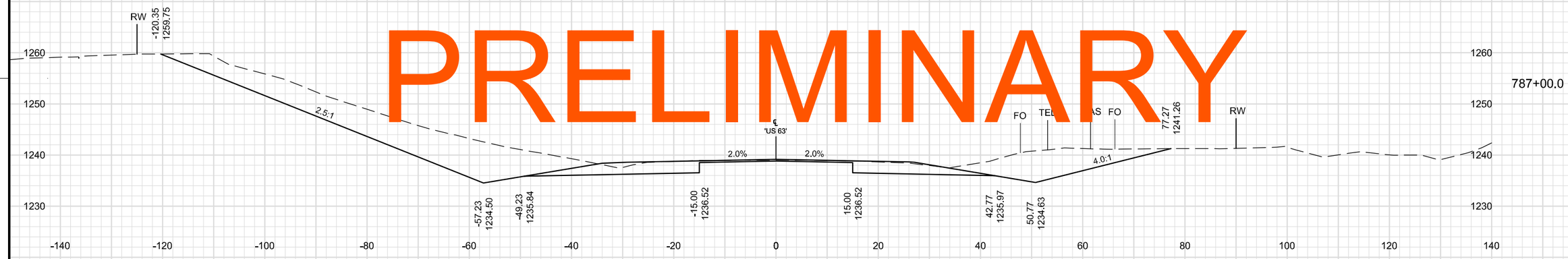
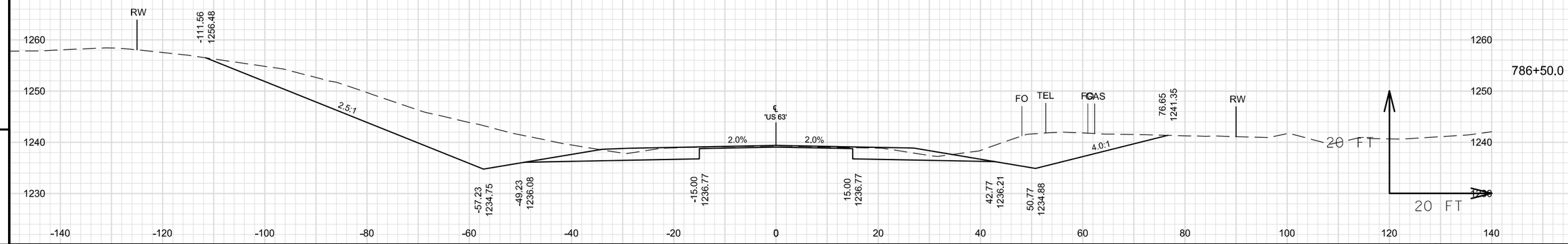
WISDOT/CADDS SHEET 49

PRELIMINARY







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PROJECT NO: 1560-31-71	HWY: USH 63	COUNTY: WASHBURN	CROSS SECTIONS: USH 63	SHEET	E

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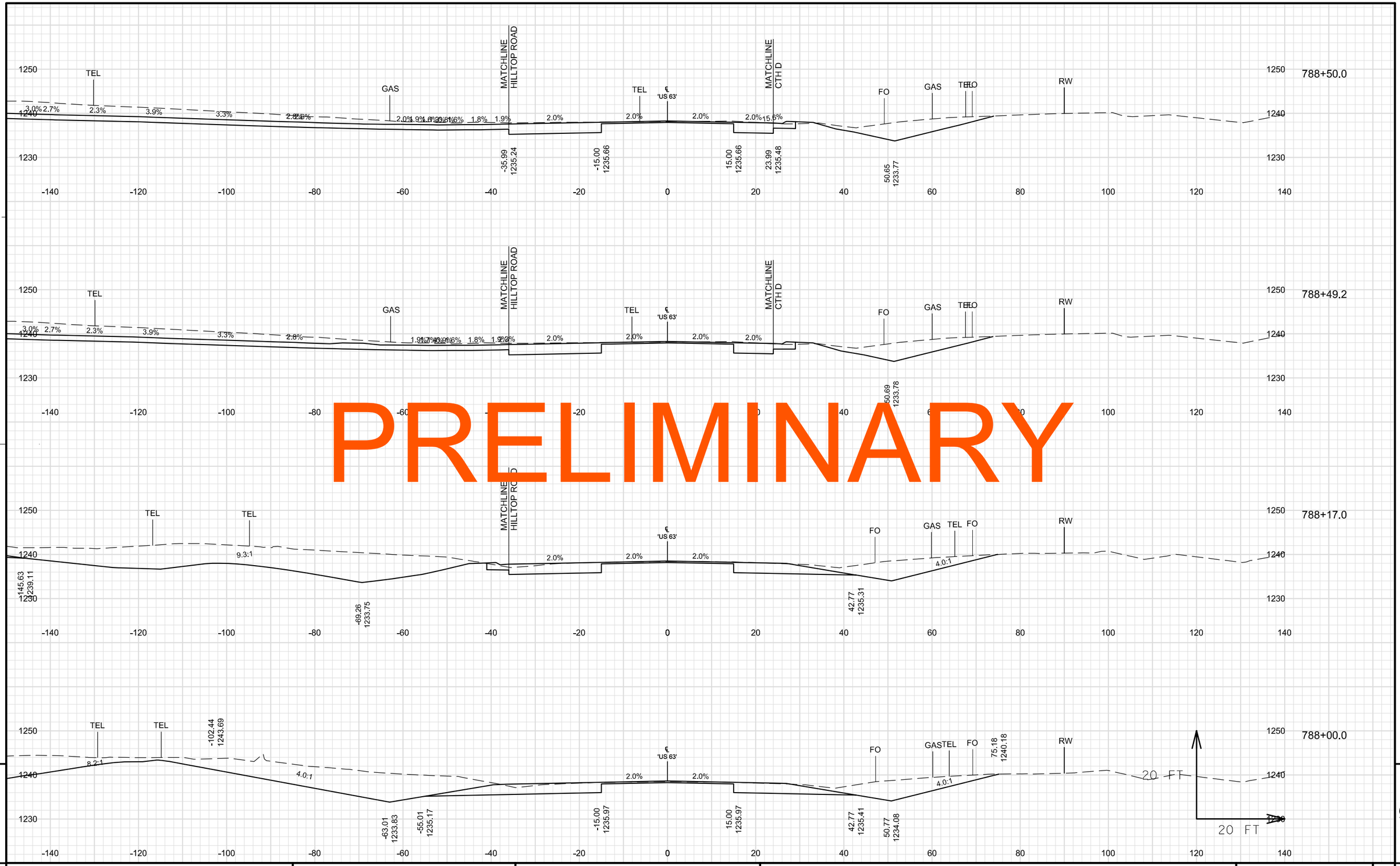

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PROJECT NO: 1560-31-71	HWY: USH 63	COUNTY: WASHBURN	CROSS SECTIONS: USH 63	SHEET	E

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WISDOT/CADDS SHEET 49

PRELIMINARY

PROJECT NO: 1560-31-71	HWY: USH 63	COUNTY: WASHBURN	CROSS SECTIONS: USH 63	SHEET	E

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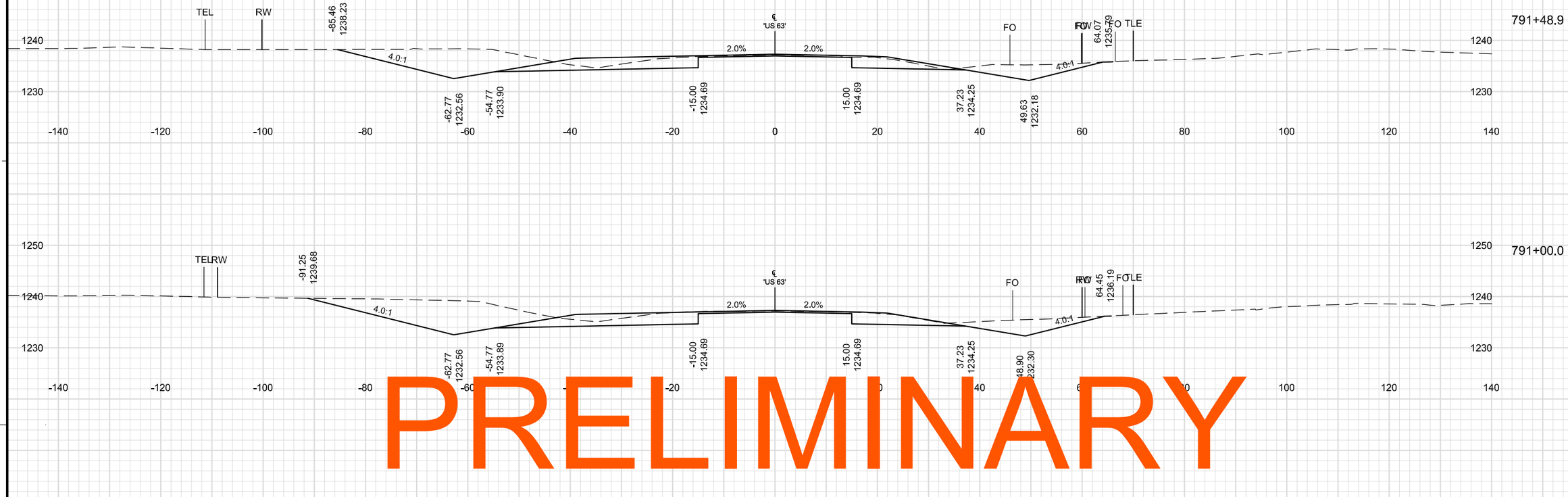

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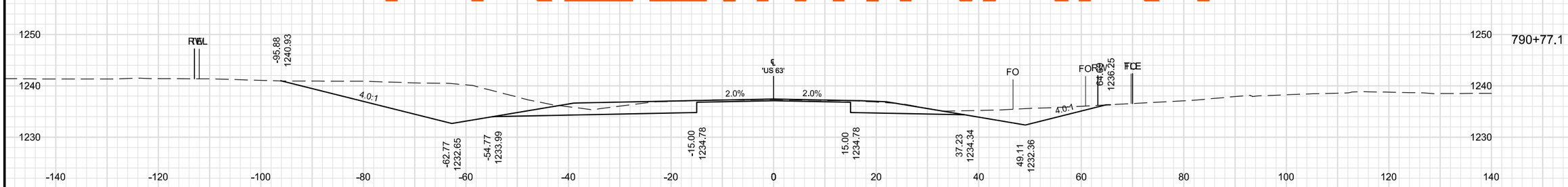

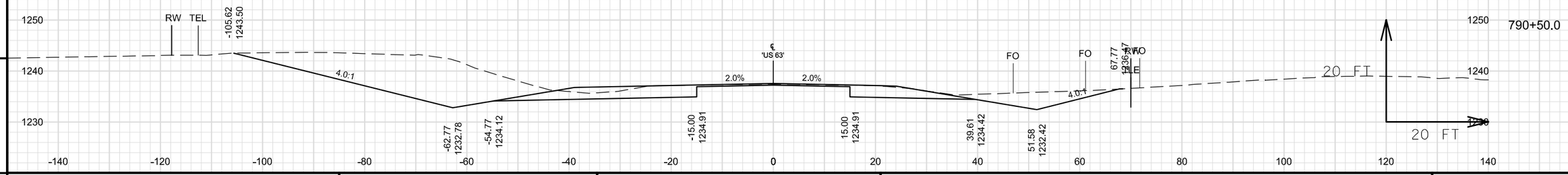

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PROJECT NO: 1560-31-71	HWY: USH 63	COUNTY: WASHBURN	CROSS SECTIONS: USH 63	SHEET	E

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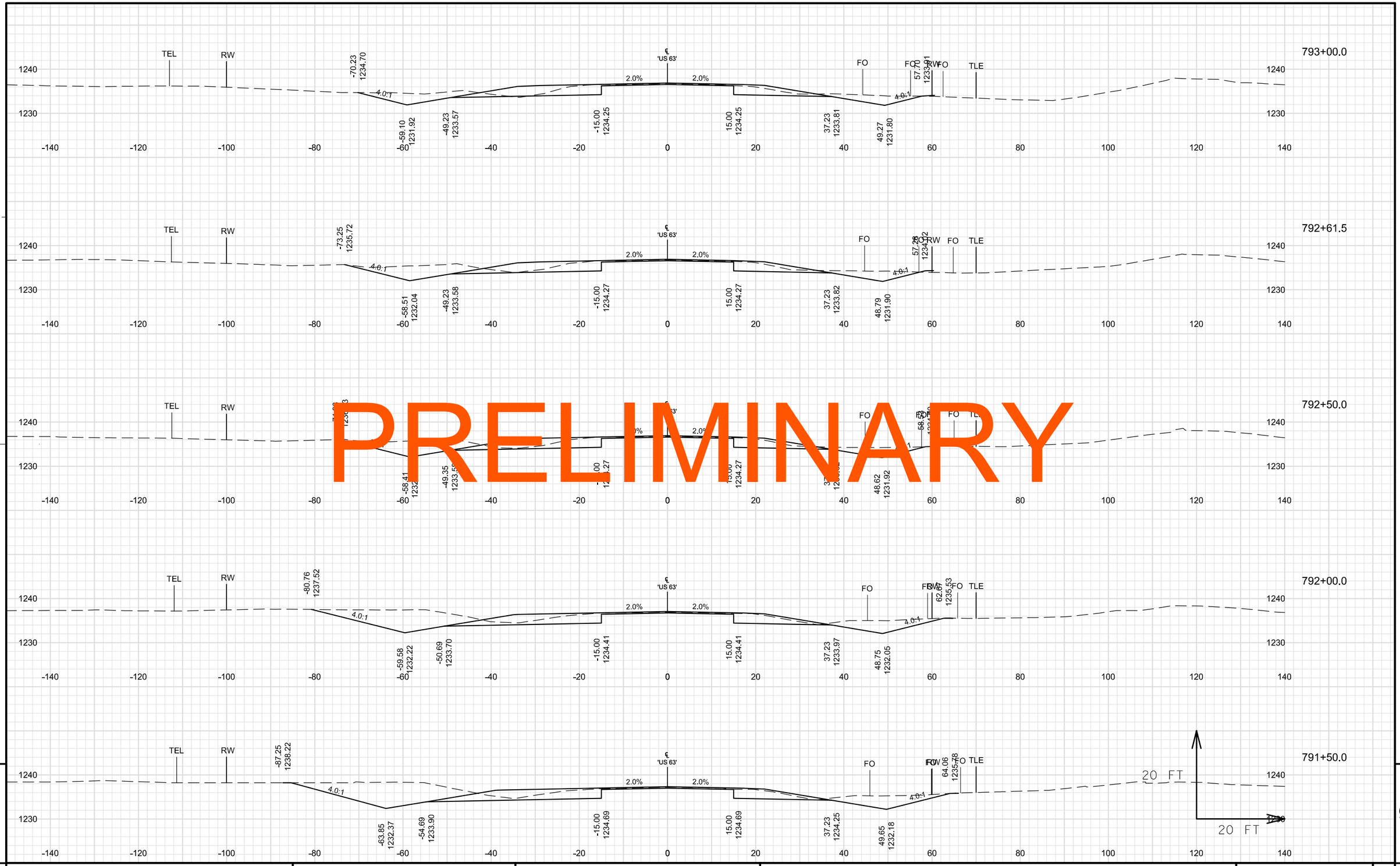
WISDOT/CADDS SHEET 49



PRELIMINARY

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PROJECT NO: 1560-31-71	HWY: USH 63	COUNTY: WASHBURN	CROSS SECTIONS: USH 63	SHEET	E

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PLOT NAME :
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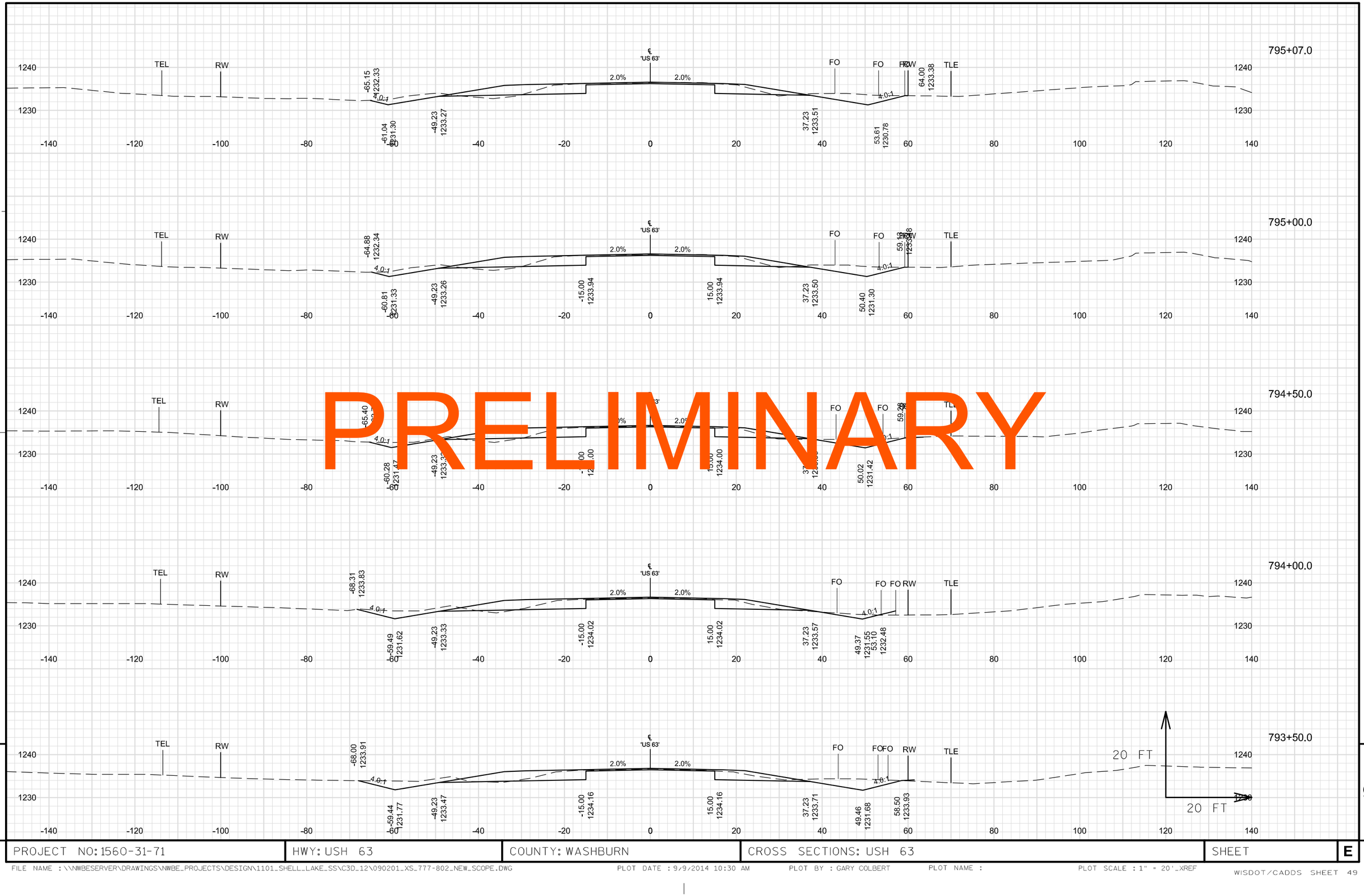
WISDOT/CADDS SHEET 49



PRELIMINARY

PROJECT NO: 1560-31-71	HWY: USH 63	COUNTY: WASHBURN	CROSS SECTIONS: USH 63	SHEET E

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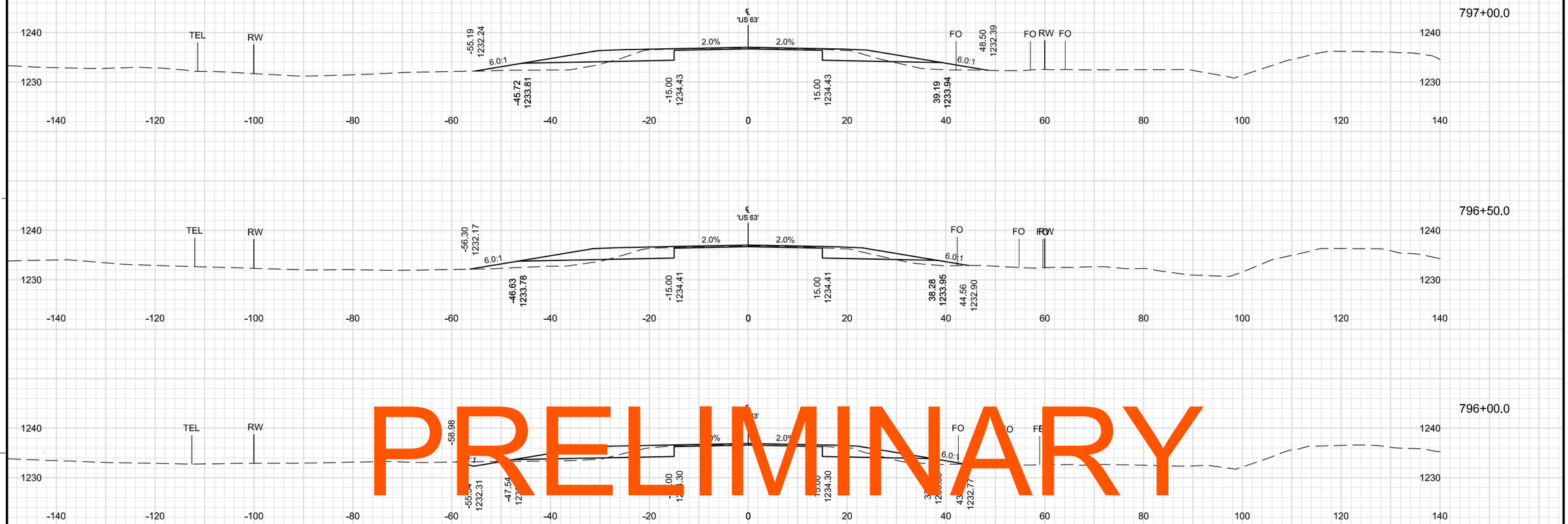
WISDOT/CADDS SHEET 49



PRELIMINARY

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PROJECT NO: 1560-31-71	HWY: USH 63	COUNTY: WASHBURN	CROSS SECTIONS: USH 63	SHEET	E

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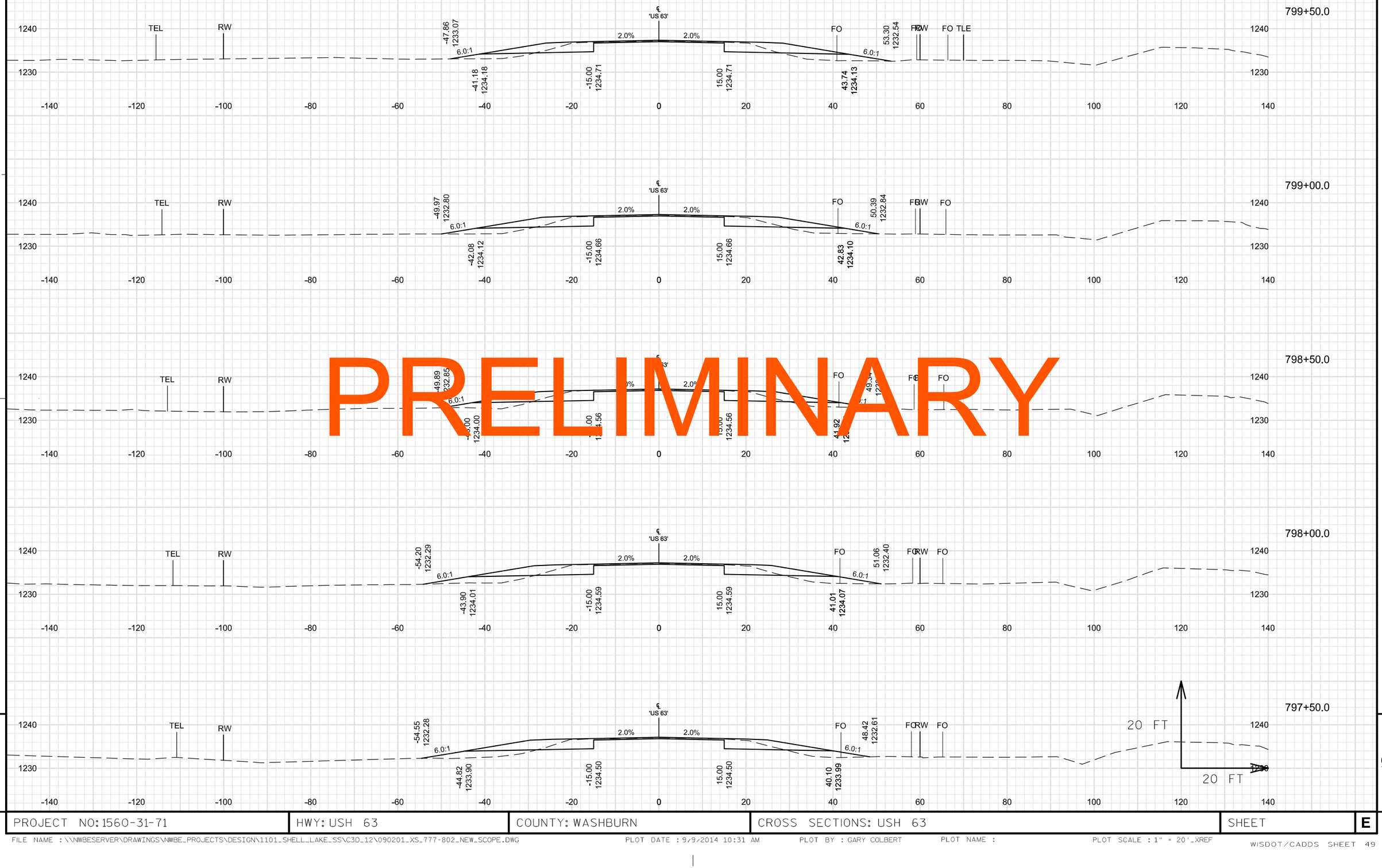

PRELIMINARY

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PROJECT NO: 1560-31-71	HWY: USH 63	COUNTY: WASHBURN	CROSS SECTIONS: USH 63	SHEET	E

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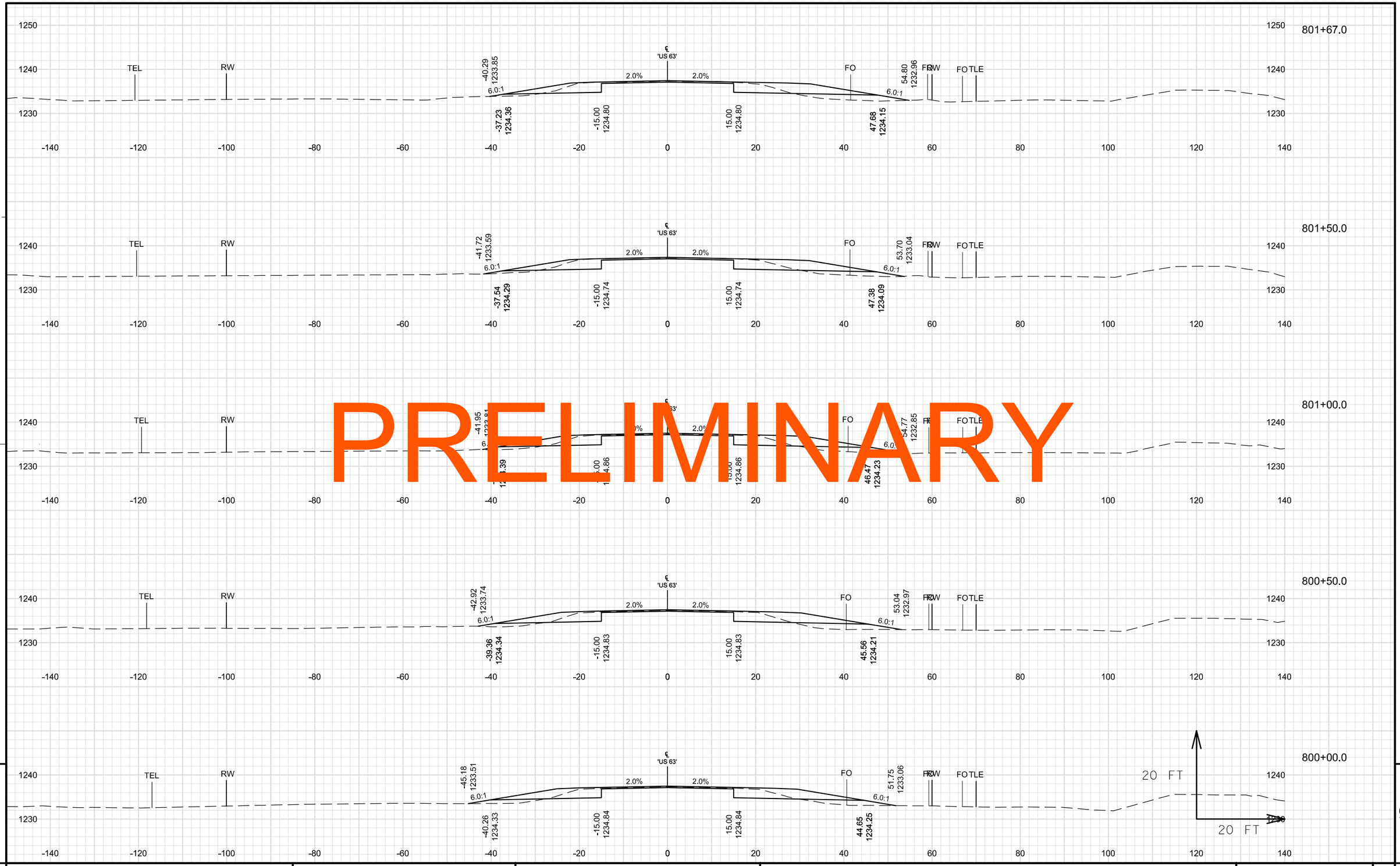

PRELIMINARY

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PROJECT NO: 1560-31-71	HWY: USH 63	COUNTY: WASHBURN	CROSS SECTIONS: USH 63	SHEET	E

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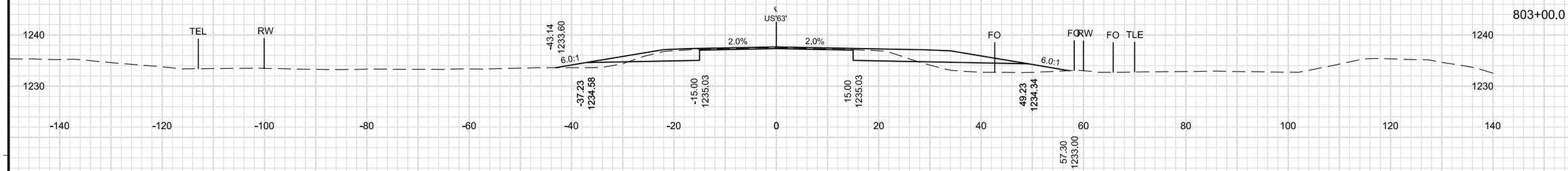

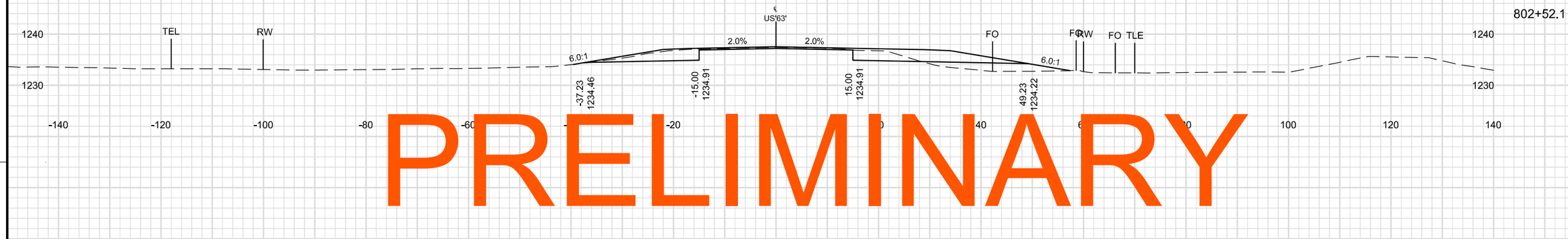

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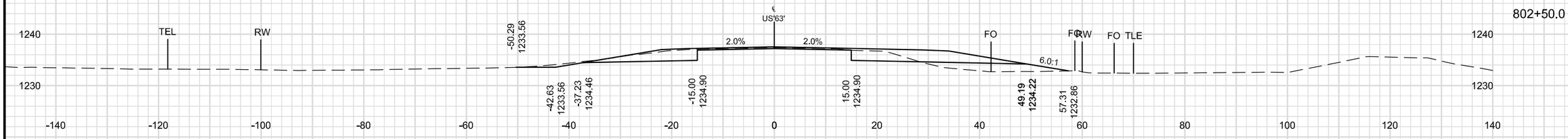

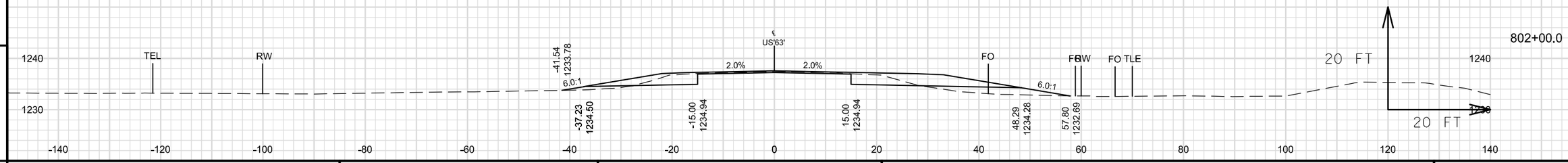

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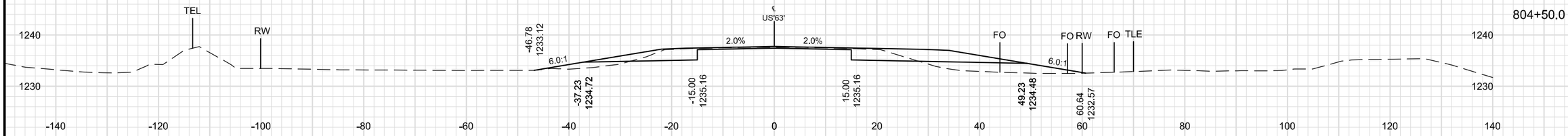
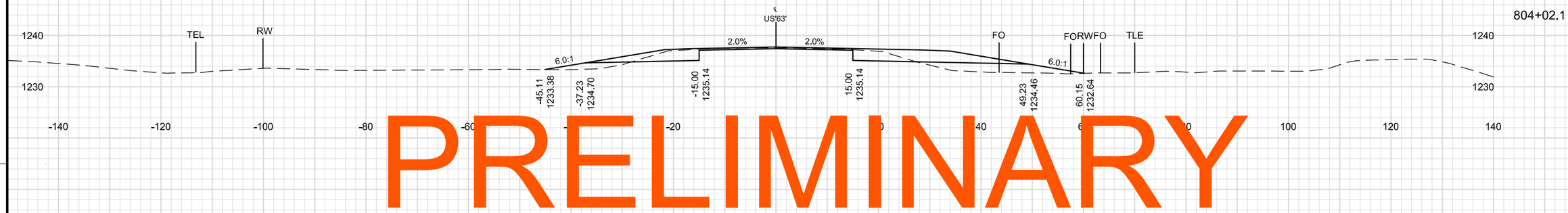
WISDOT/CADDS SHEET 49





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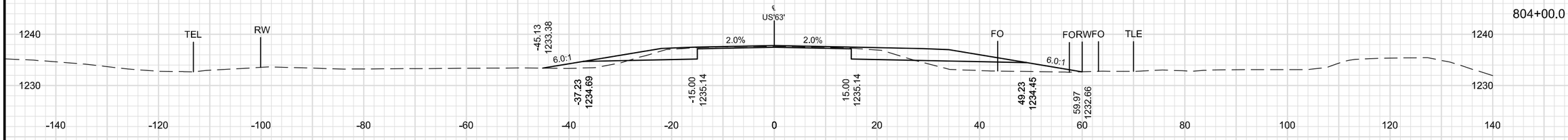

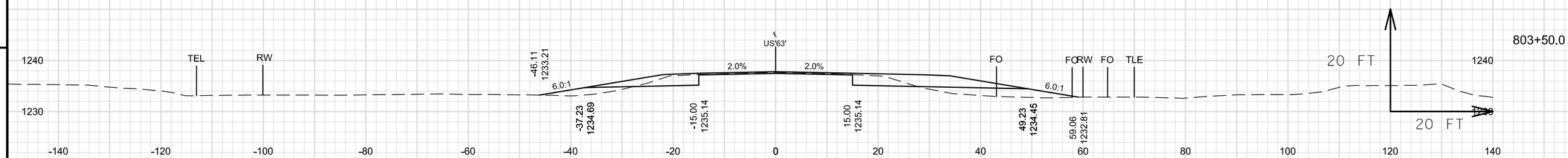

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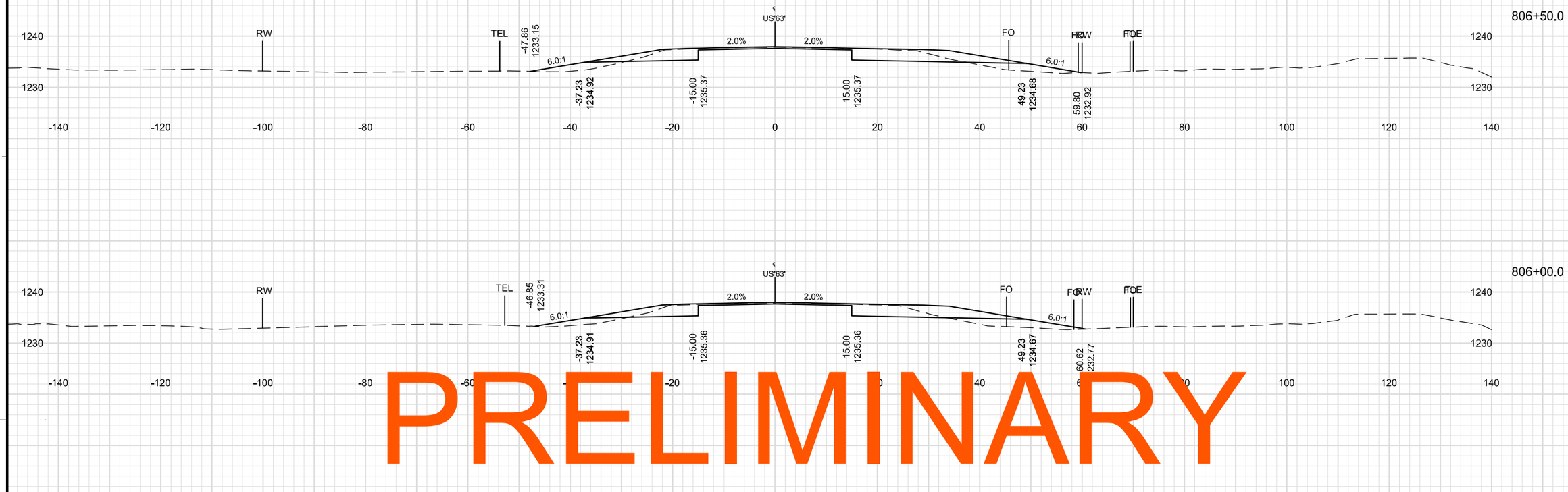

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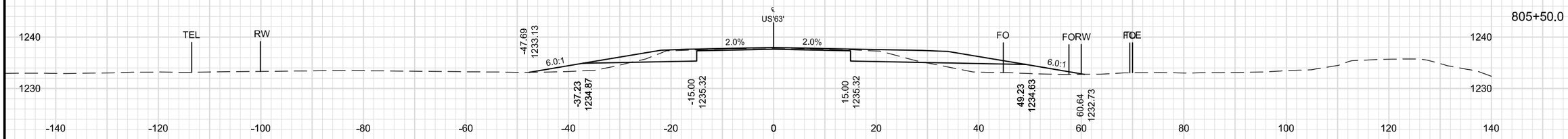

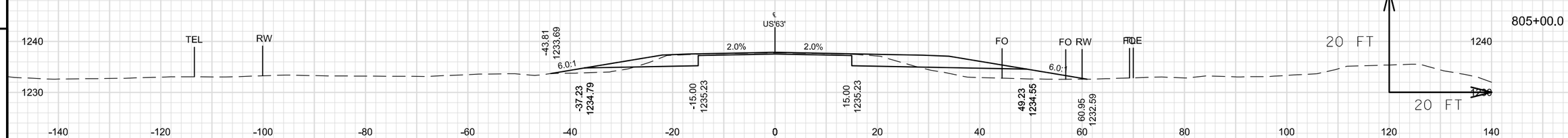

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PROJECT NO: 1560-31-71	HWY: USH 63	COUNTY: WASHBURN	CROSS SECTIONS: USH 63	SHEET	E

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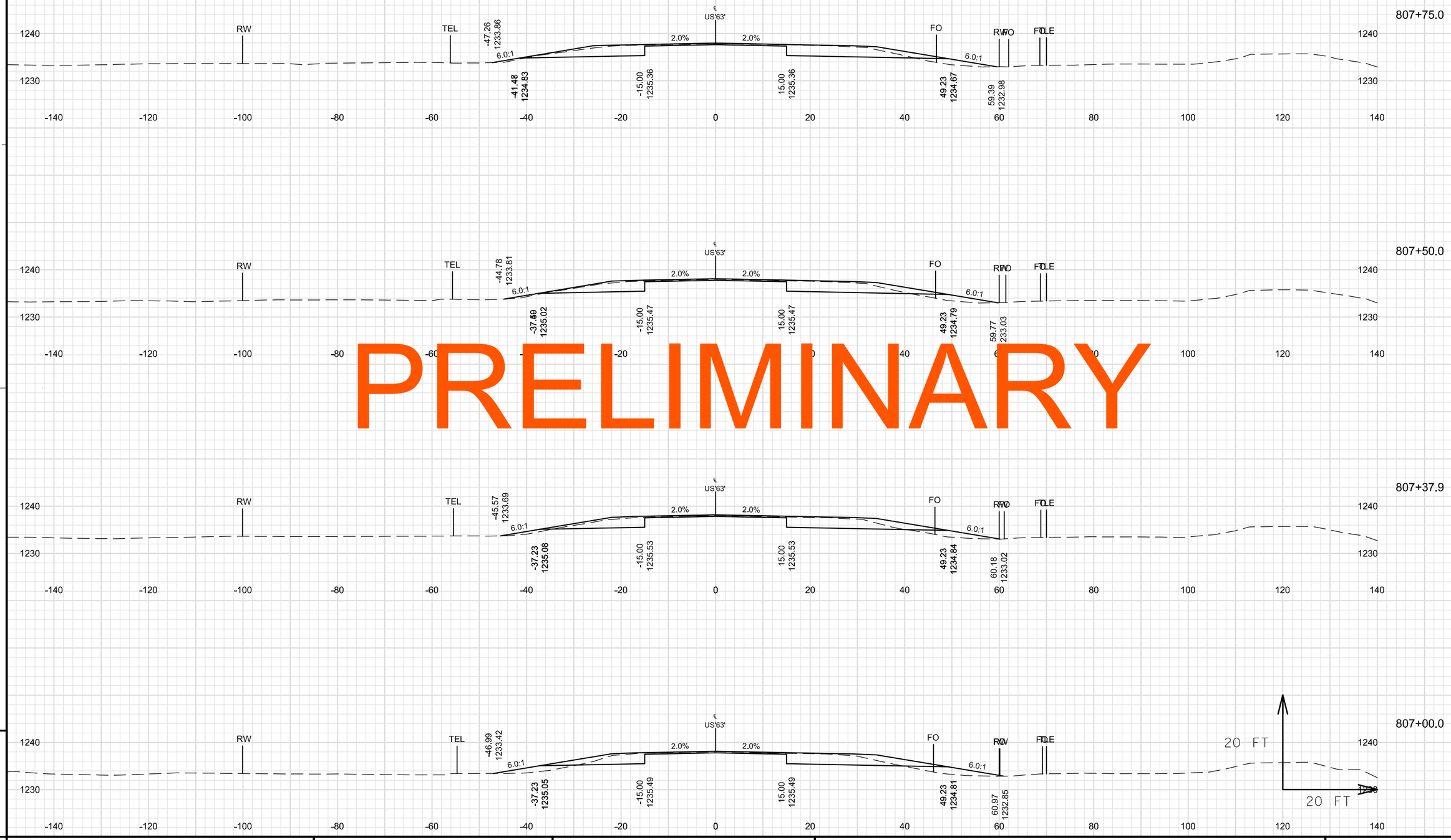

PRELIMINARY

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PROJECT NO: 1560-31-71	HWY: USH 63	COUNTY: WASHBURN	CROSS SECTIONS: USH 63	SHEET	E

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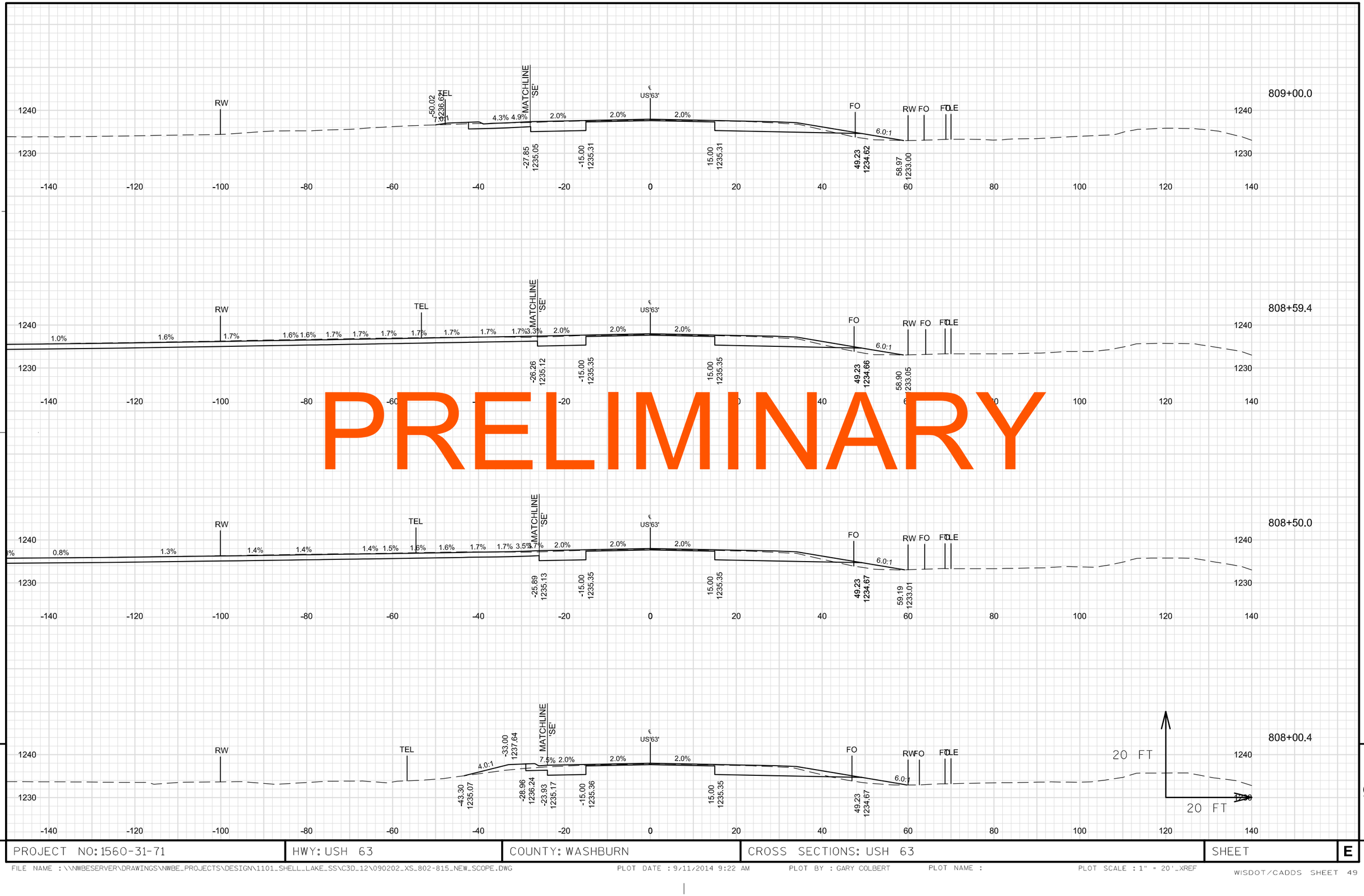
WISDOT/CADDS SHEET 49



PRELIMINARY

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PROJECT NO: 1560-31-71	HWY: USH 63	COUNTY: WASHBURN	CROSS SECTIONS: USH 63	SHEET	E

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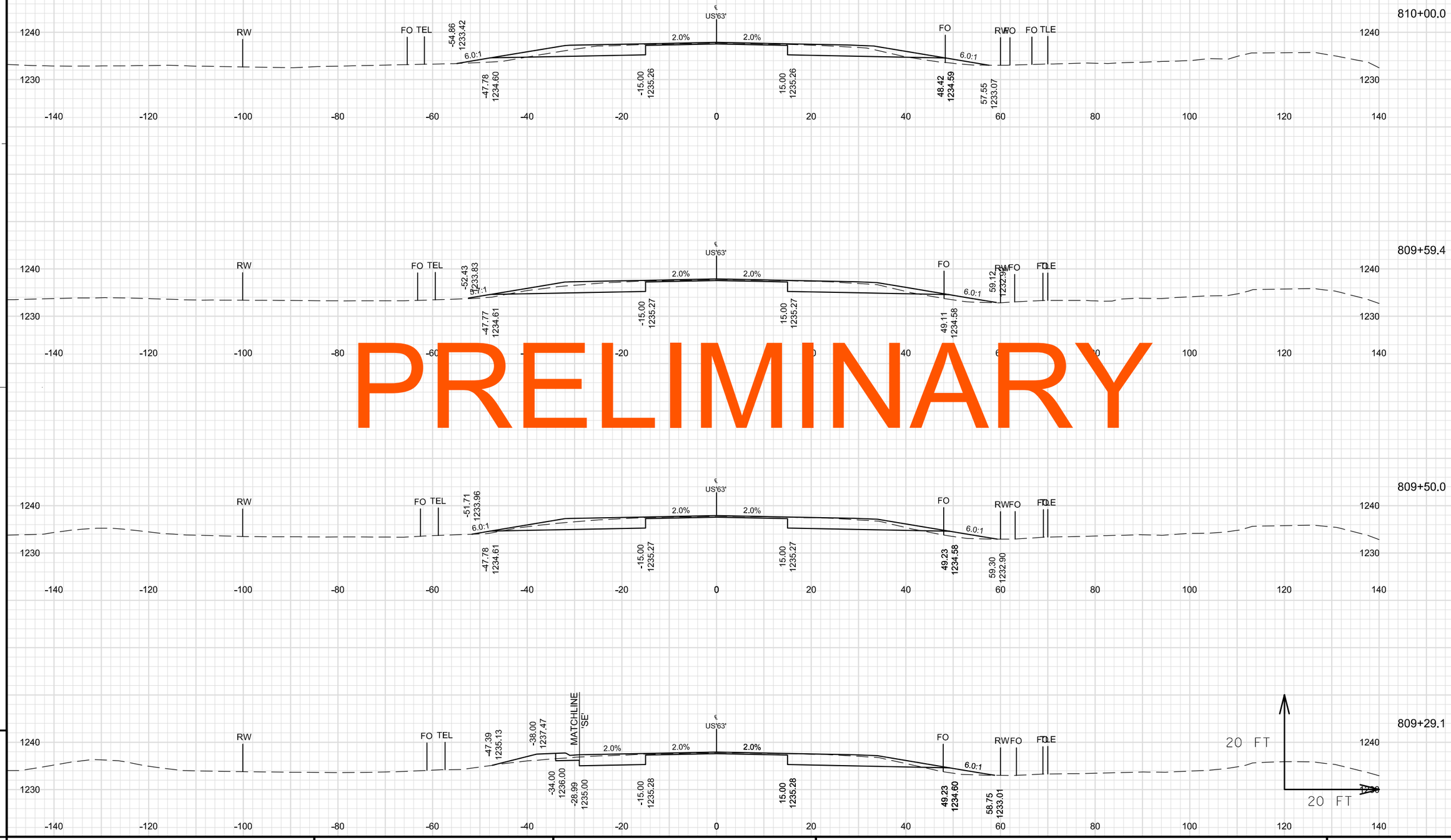

PRELIMINARY

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PROJECT NO: 1560-31-71	HWY: USH 63	COUNTY: WASHBURN	CROSS SECTIONS: USH 63	SHEET	E

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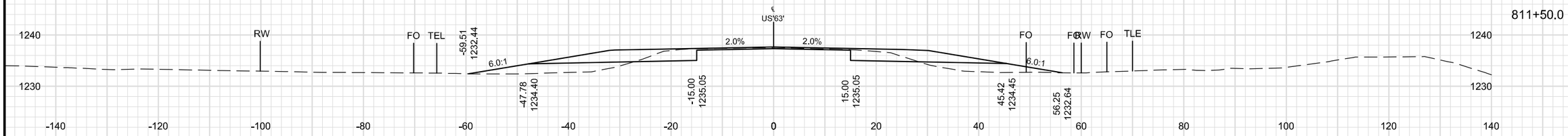

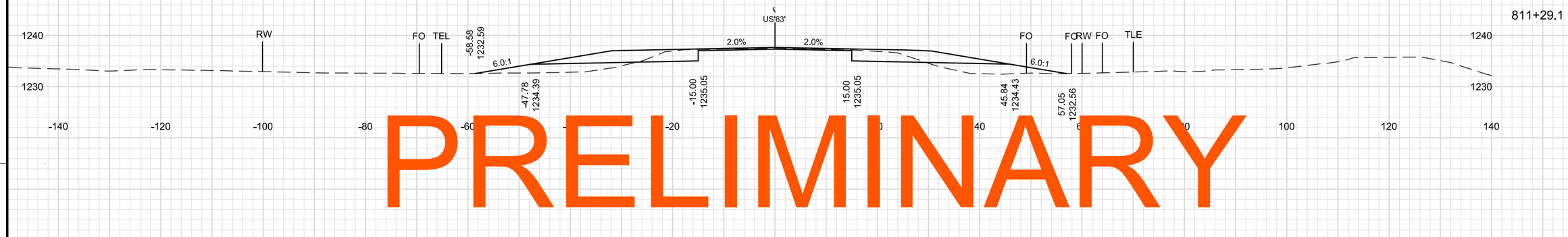

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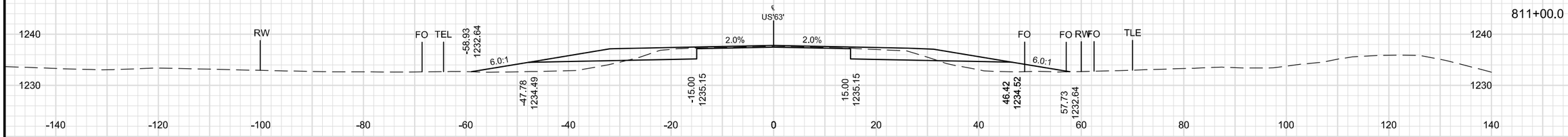

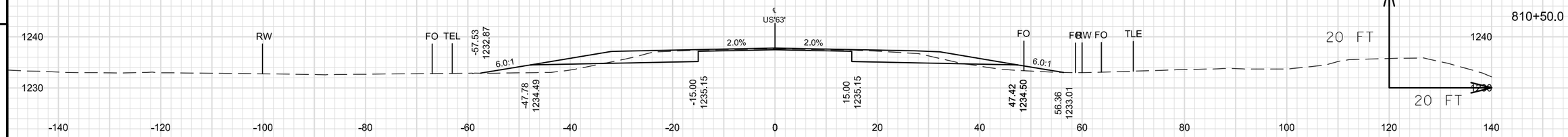

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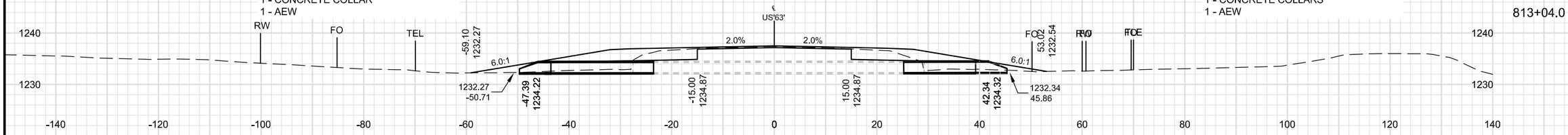
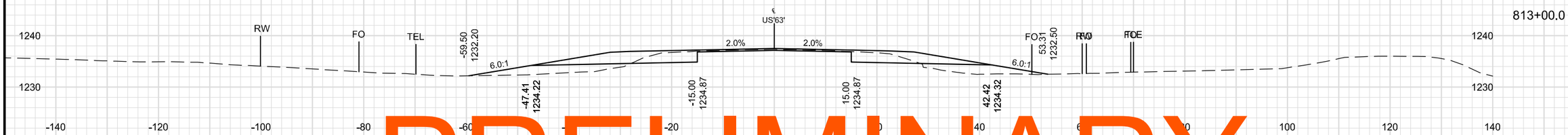
PROJECT NO: 1560-31-71	HWY: USH 63	COUNTY: WASHBURN	CROSS SECTIONS: USH 63	SHEET	E

FILE NAME : \\NWBESERVER\DRAWINGS\NWBE_PROJECTS\DESIGN\1101_SHELL_LAKE_SS\C3D_12\090202_XS_802-815_NEW_SCOPE.DWG PLOT DATE : 9/11/2014 9:23 AM PLOT BY : GARY COLBERT PLOT NAME : PLOT SCALE : 1" = 20'_XREF
WISDOT/CADDS SHEET 49

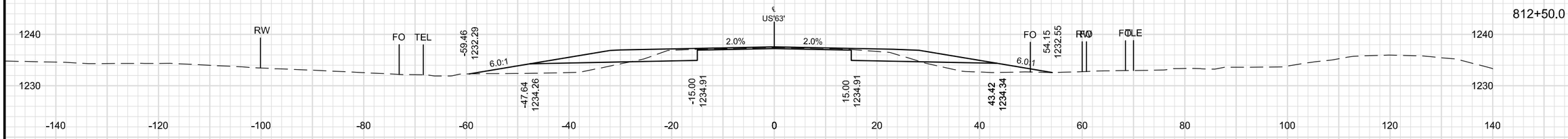
STATION 813+040 LT
1 - 24-INCH X 20 LF CPRC EXTENSION
1 - CONCRETE COLLAR
1 - AEW

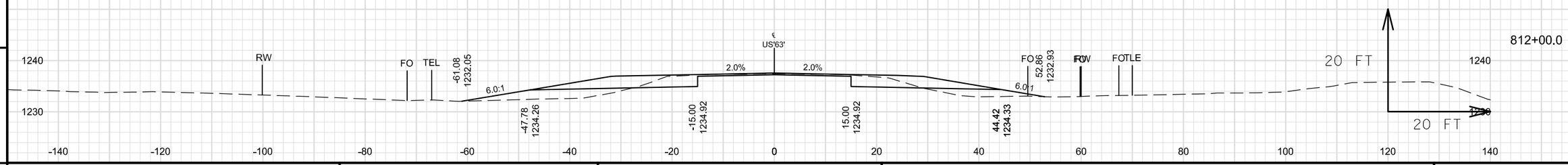
STATION 813+04 RT
1 - 24-INCH X 14 LF CPRC EXTENSION
1 - CONCRETE COLLARS
1 - AEW





PRELIMINARY





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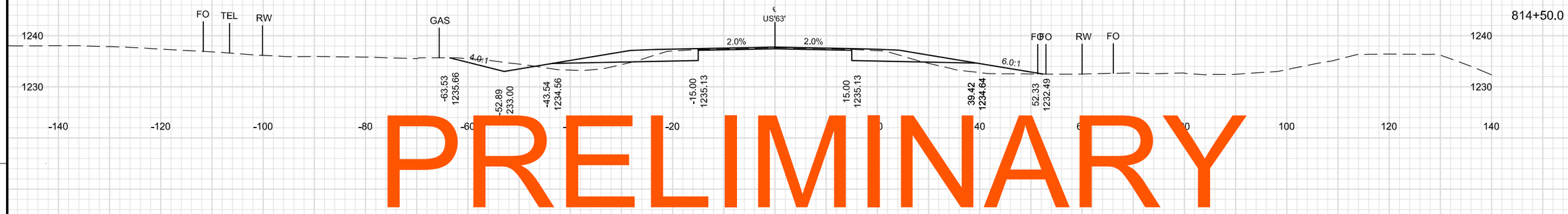
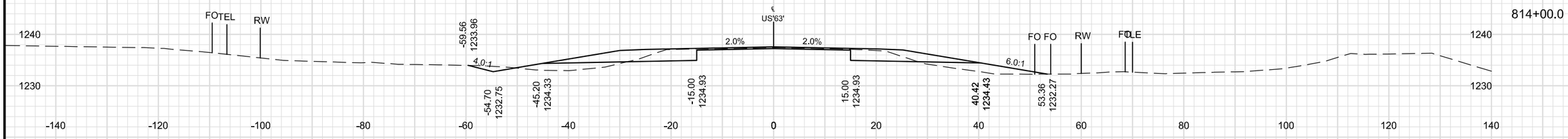
PROJECT NO: 1560-31-71	HWY: USH 63	COUNTY: WASHBURN	CROSS SECTIONS: USH 63	SHEET	E

FILE NAME : \\NWBESERVER\DRAWINGS\NWBE_PROJECTS\DESIGN\1101_SHELL_LAKE_SS\C3D_12\090202_XS_802-815_NEW_SCOPE.DWG PLOT DATE : 9/11/2014 9:24 AM PLOT BY : GARY COLBERT PLOT NAME : PLOT SCALE : 1" = 20'_XREF

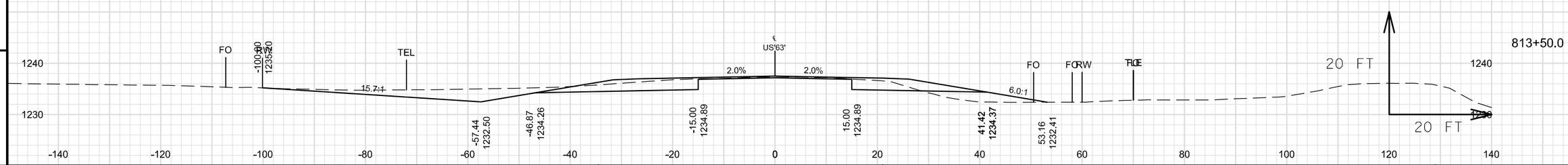
WISDOT/CADDS SHEET 49



PRELIMINARY



STATION 813+30 - 813+46
REMOVE CE LT



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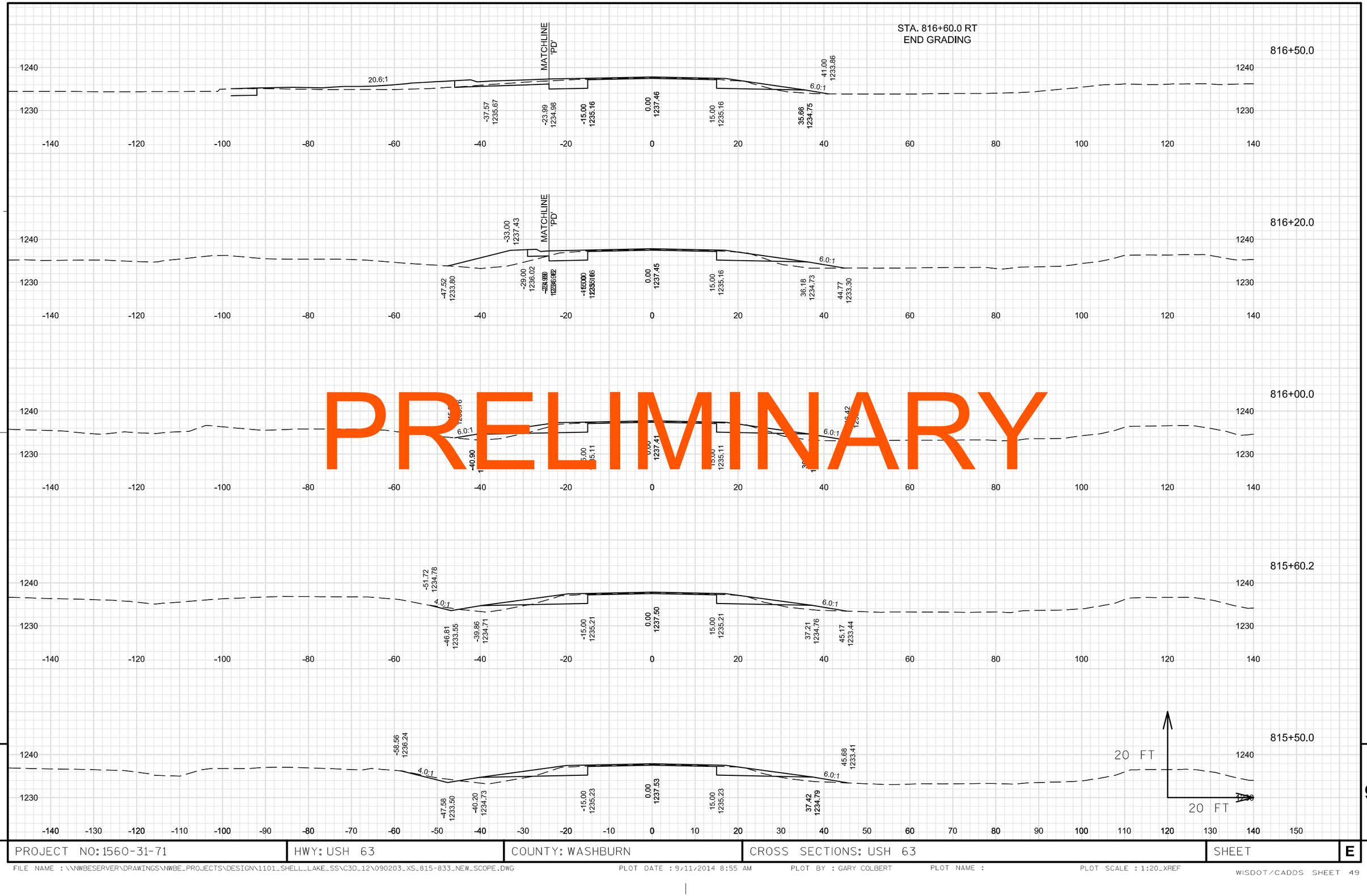
PROJECT NO: 1560-31-71	HWY: USH 63	COUNTY: WASHBURN	CROSS SECTIONS: USH 63	SHEET	E

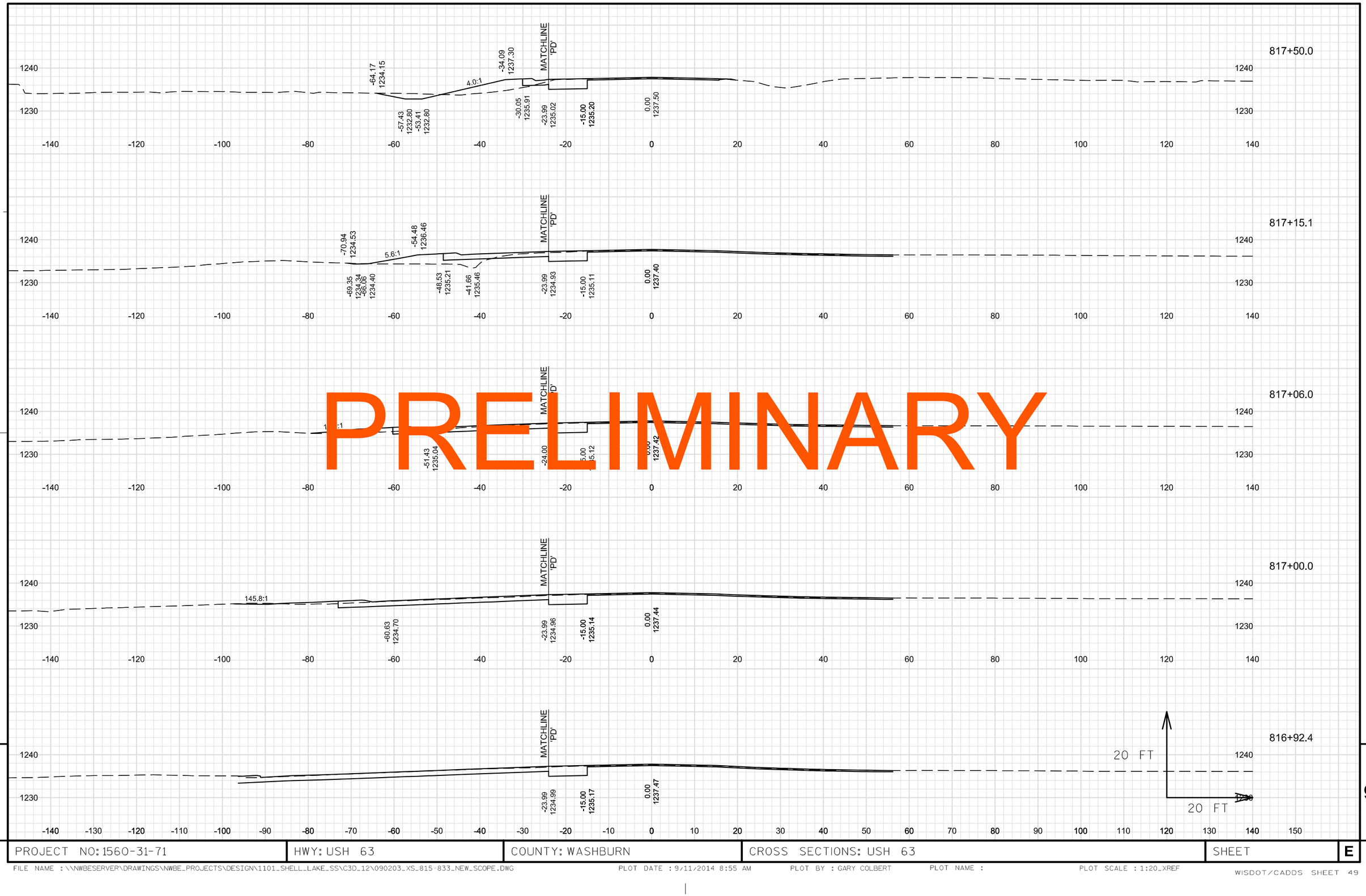
FILE NAME : \\NWBESERVER\DRAWINGS\NWBE_PROJECTS\DESIGN\1101_SHELL_LAKE_SS\C3D_12\090202_XS_802-815_NEW_SCOPE.DWG PLOT DATE : 9/11/2014 9:24 AM PLOT BY : GARY COLBERT PLOT NAME : PLOT SCALE : 1" = 20'_XREF



PRELIMINARY

PROJECT NO: 1560-31-71	HWY: USH 63	COUNTY: WASHBURN	CROSS SECTIONS: USH 63	SHEET	E

FILE NAME : \\NWBESERVER\DRAWINGS\NWBE_PROJECTS\DESIGN\1101_SHELL_LAKE_SS\C3D_12\090203_XS_815-833_NEW_SCOPE.DWG PLOT DATE : 9/11/2014 8:55 AM PLOT BY : GARY COLBERT PLOT NAME : PLOT SCALE : 1:20_XREF
WISDOT/CADDS SHEET 49



PRELIMINARY

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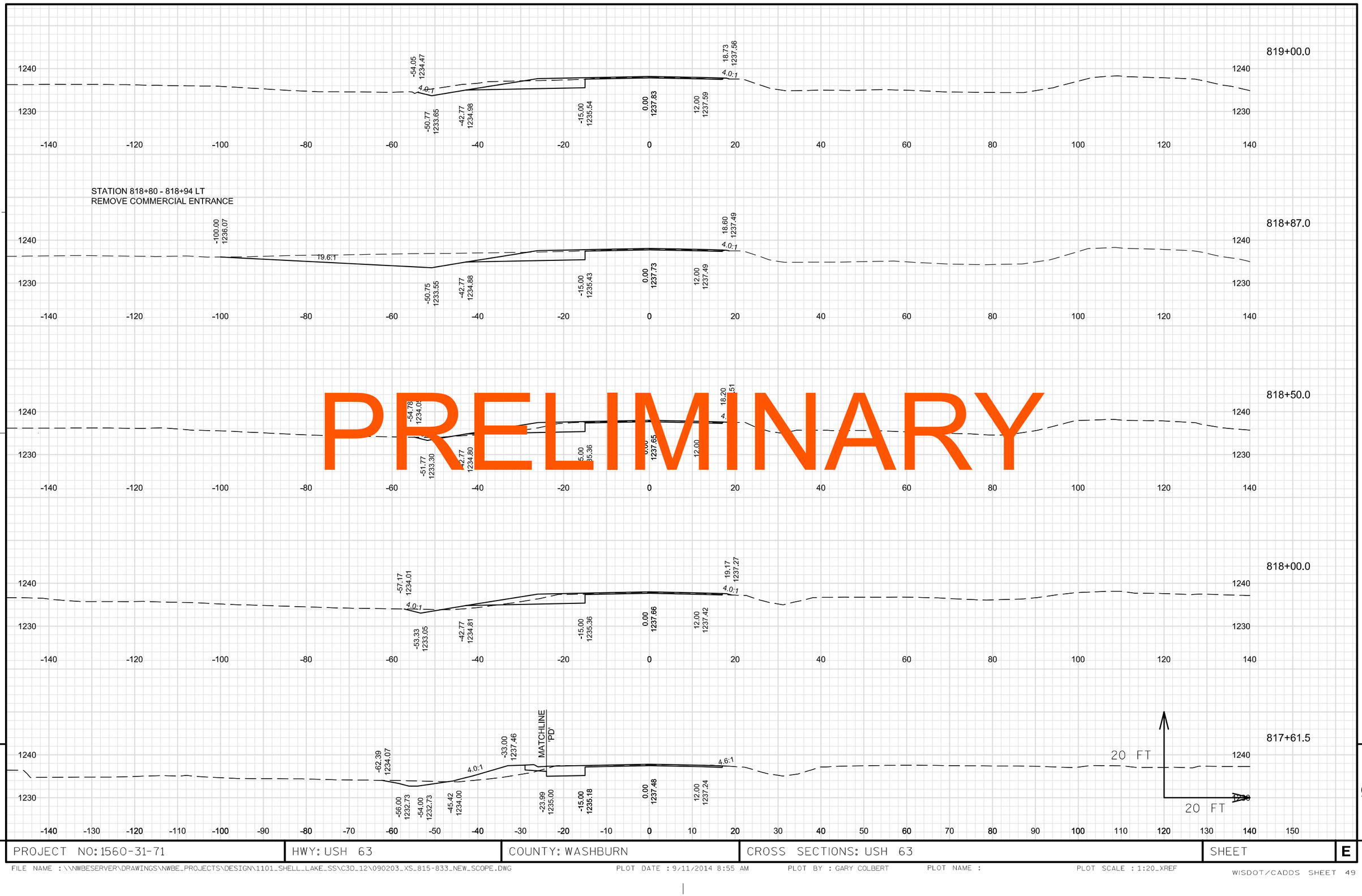
PROJECT NO: 1560-31-71	HWY: USH 63	COUNTY: WASHBURN	CROSS SECTIONS: USH 63	SHEET	E

FILE NAME : \\NWBESERVER\DRAWINGS\NWBE_PROJECTS\DESIGN\1101_SHELL_LAKE_SS\C3D_12\090203_XS_815-833_NEW_SCOPE.DWG PLOT DATE : 9/11/2014 8:55 AM PLOT BY : GARY COLBERT PLOT NAME : PLOT SCALE : 1:20_XREF

STATION 818+80 - 818+94 LT
REMOVE COMMERCIAL ENTRANCE

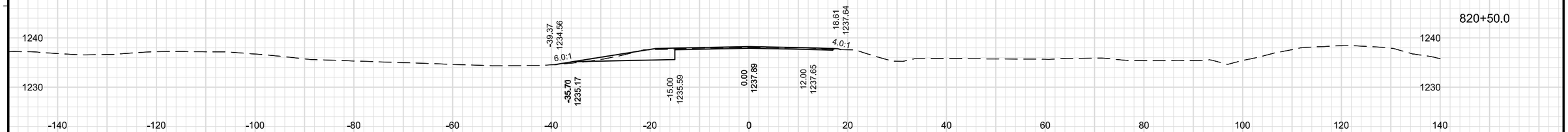


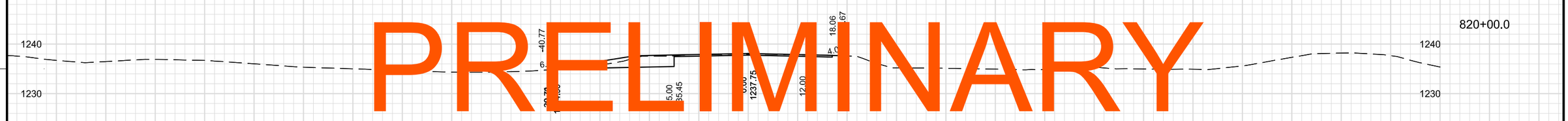
PRELIMINARY

PROJECT NO: 1560-31-71	HWY: USH 63	COUNTY: WASHBURN	CROSS SECTIONS: USH 63	SHEET	E

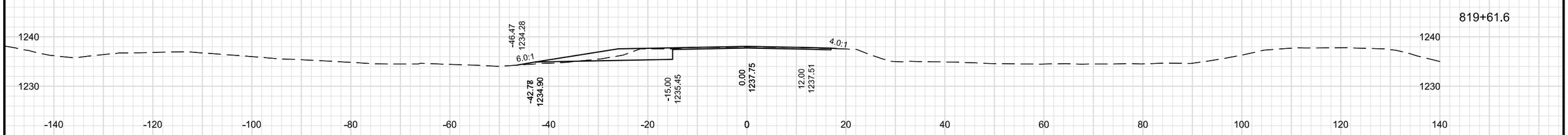
FILE NAME : \\NWBESERVER\DRAWINGS\NWBE_PROJECTS\DESIGN\1101_SHELL_LAKE_SS\C3D_12\090203_XS_815-833_NEW_SCOPE.DWG PLOT DATE : 9/11/2014 8:55 AM PLOT BY : GARY COLBERT PLOT NAME : PLOT SCALE : 1:20_XREF

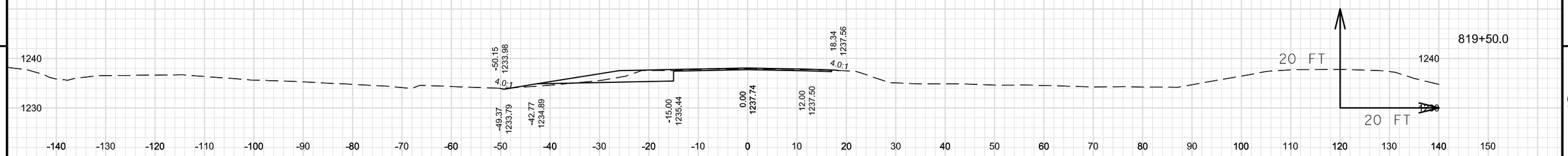
STA. 820+74.1 LT
END GRADING





PRELIMINARY





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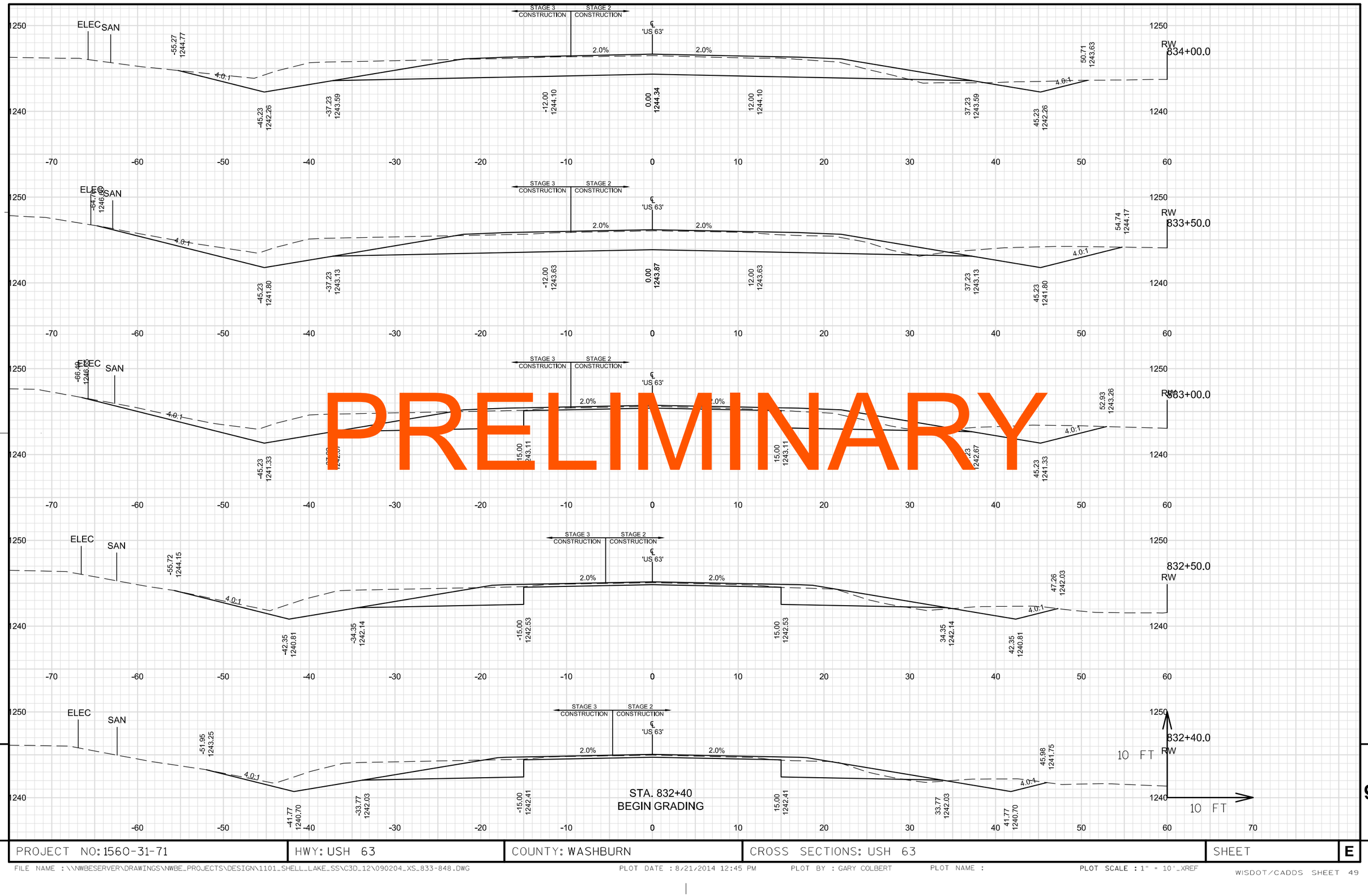
PROJECT NO: 1560-31-71	HWY: USH 63	COUNTY: WASHBURN	CROSS SECTIONS: USH 63	SHEET	E



PRELIMINARY

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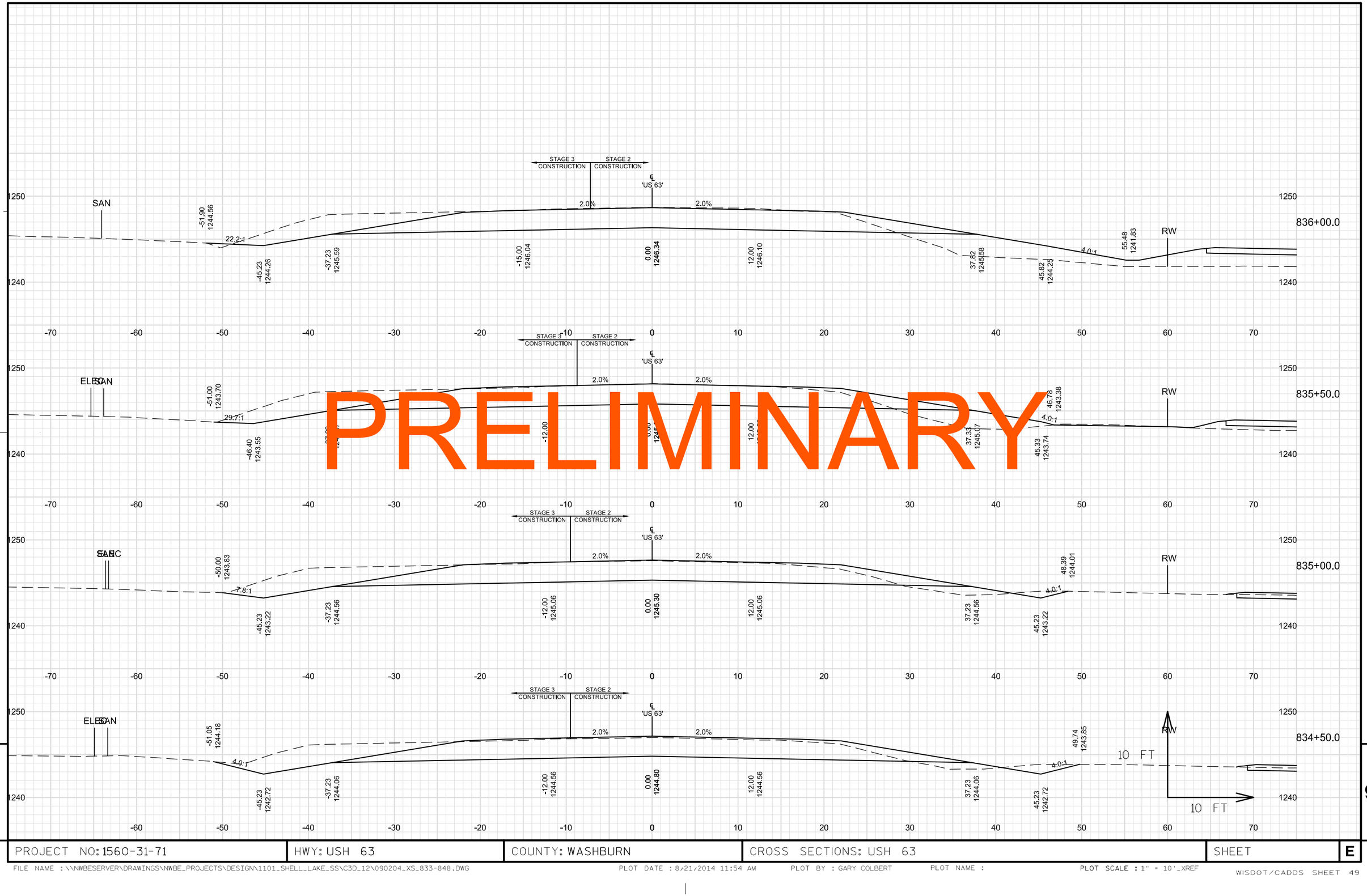
PROJECT NO: 1560-31-71	HWY: USH 63	COUNTY: WASHBURN	CROSS SECTIONS: USH 63	SHEET E

FILE NAME : \\NWBESERVER\DRAWINGS\NWBE_PROJECTS\DESIGN\1101_SHELL_LAKE_SS\C3D_12\090204_XS_833-848.DWG
PLOT DATE : 8/21/2014 12:45 PM
PLOT BY : GARY COLBERT
PLOT NAME :
PLOT SCALE : 1" = 10'_XREF
WISDOT/CADDS SHEET 49



PRELIMINARY

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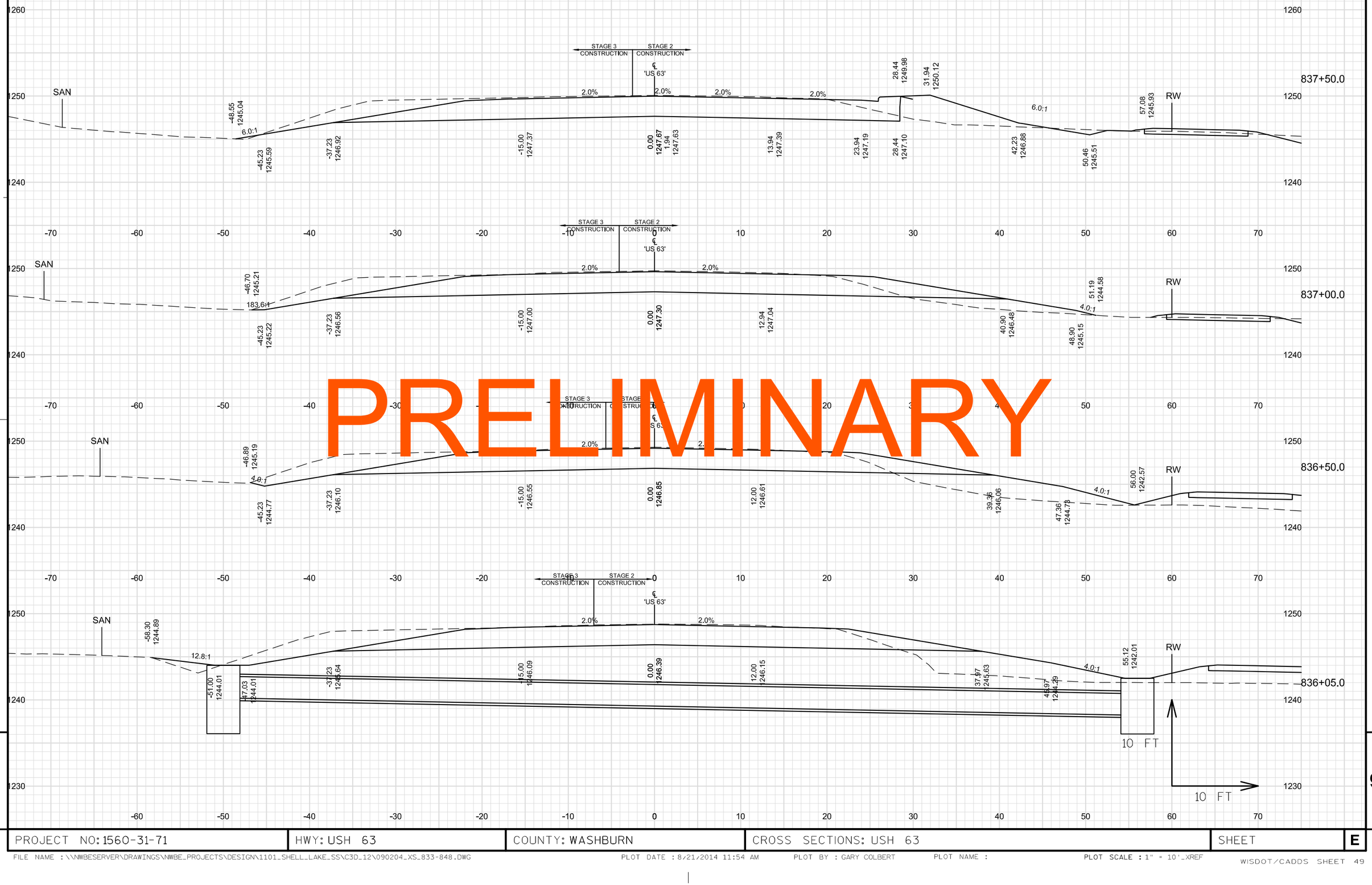
PROJECT NO: 1560-31-71	HWY: USH 63	COUNTY: WASHBURN	CROSS SECTIONS: USH 63	SHEET E



PRELIMINARY

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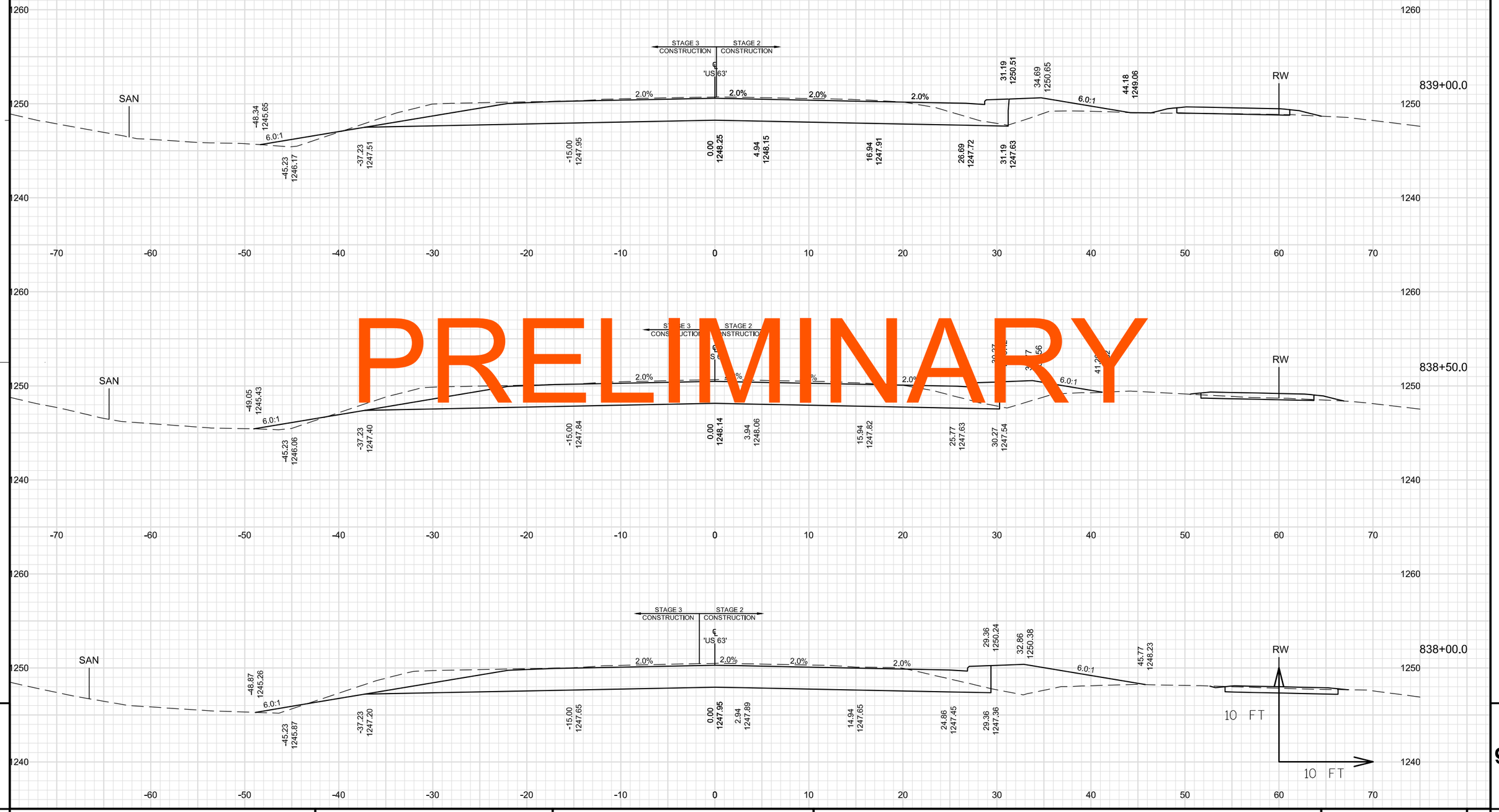
PROJECT NO: 1560-31-71	HWY: USH 63	COUNTY: WASHBURN	CROSS SECTIONS: USH 63	SHEET	E

PRELIMINARY



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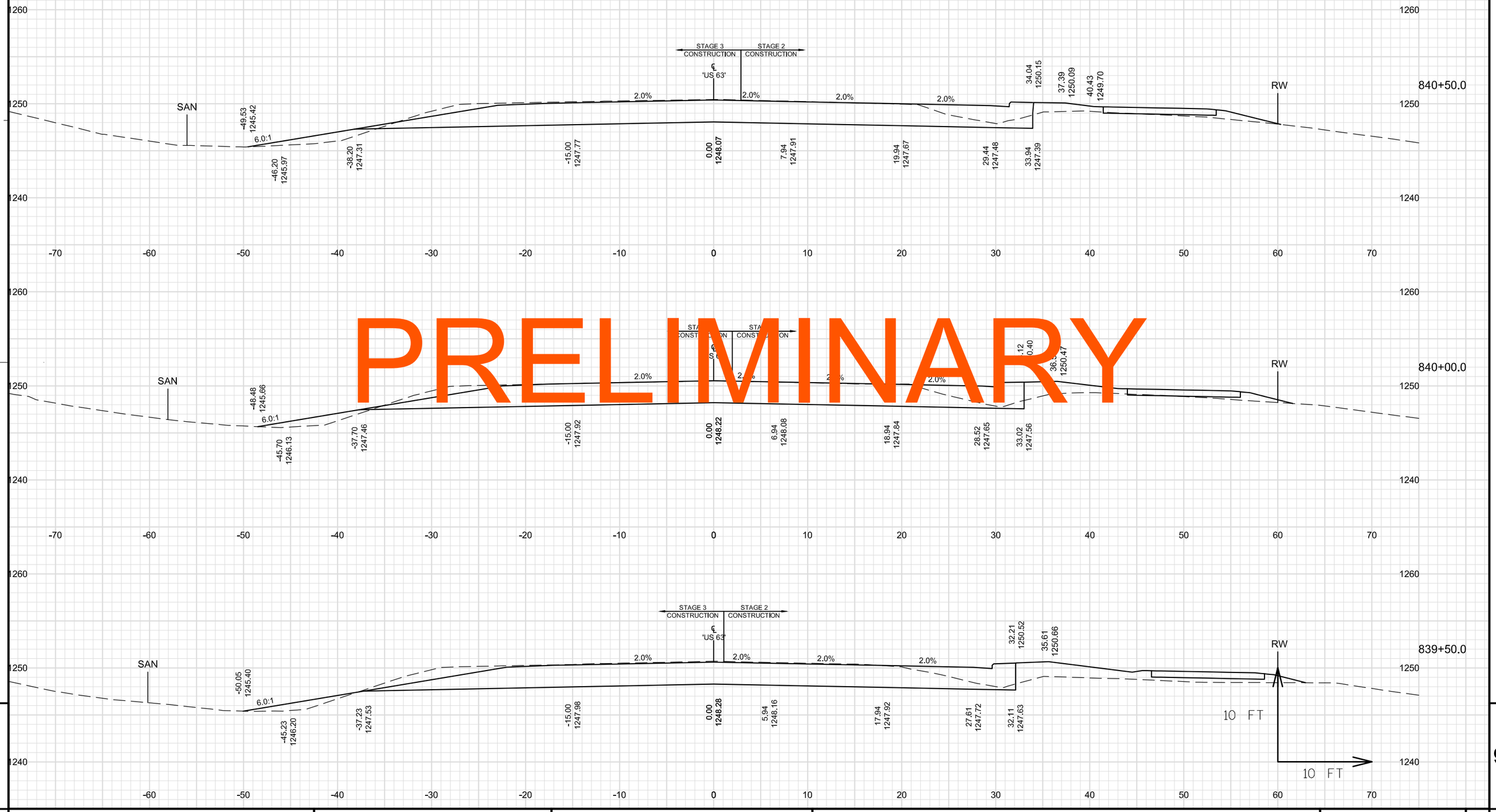
PROJECT NO: 1560-31-71	HWY: USH 63	COUNTY: WASHBURN	CROSS SECTIONS: USH 63	SHEET	E

FILE NAME : \\NWBESERVER\DRAWINGS\NWBE_PROJECTS\DESIGN\1101_SHELL_LAKE_SS\C3D_12\090204_XS_833-848.DWG PLOT DATE : 8/21/2014 11:54 AM PLOT BY : GARY COLBERT PLOT NAME : PLOT SCALE : 1" = 10'_XREF

PRELIMINARY



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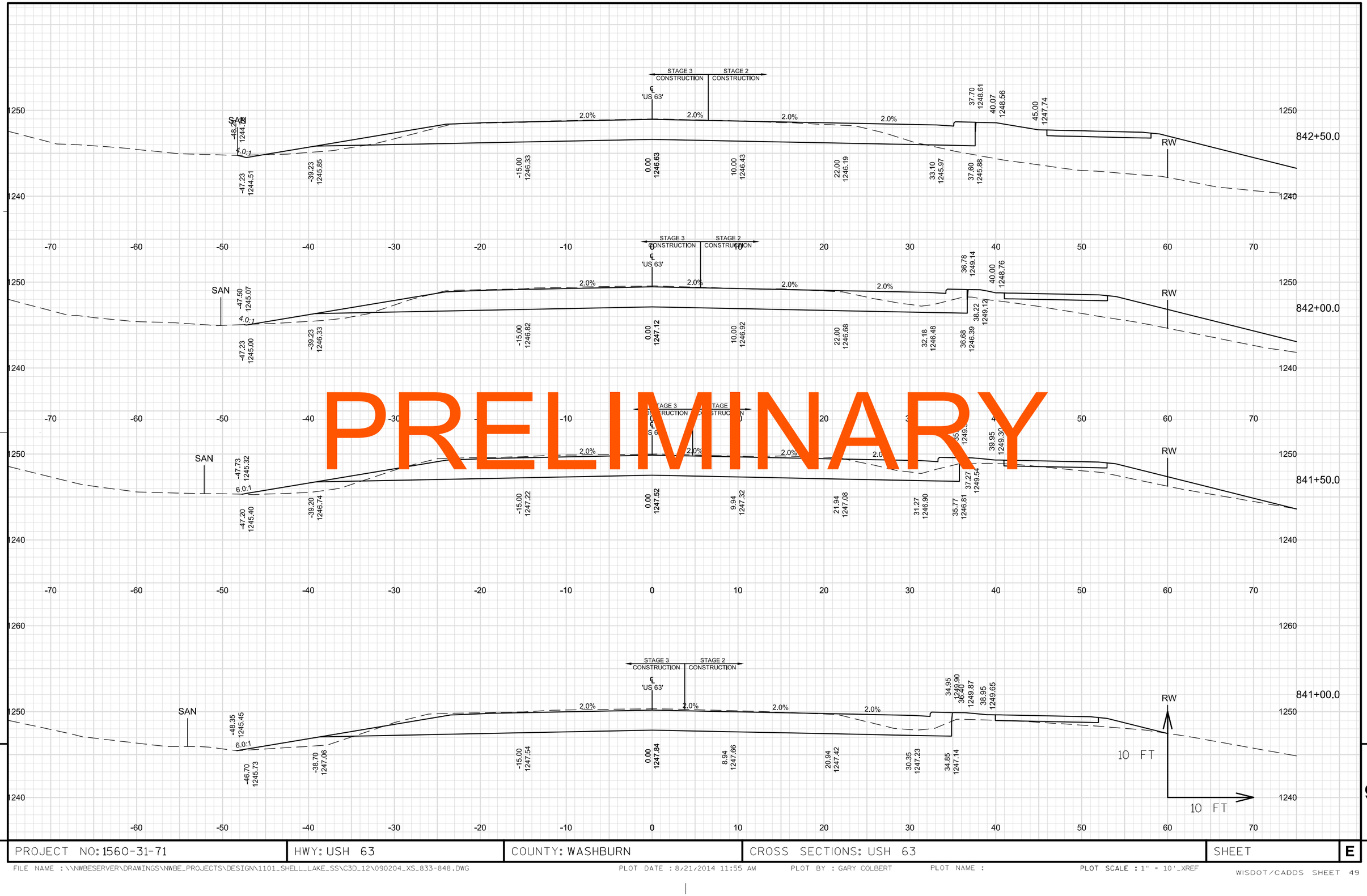
PROJECT NO: 1560-31-71	HWY: USH 63	COUNTY: WASHBURN	CROSS SECTIONS: USH 63	SHEET E



PRELIMINARY

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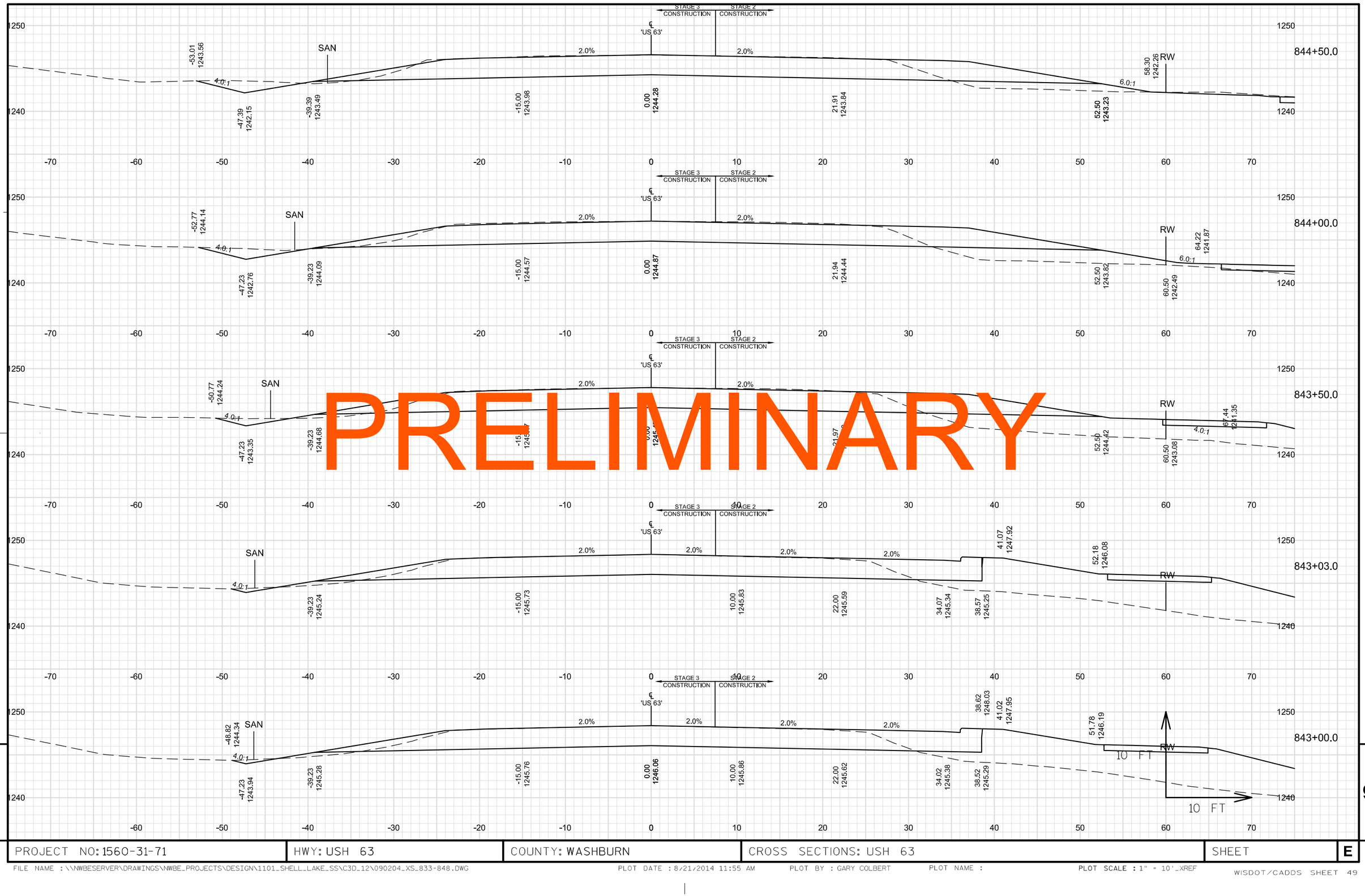
PROJECT NO: 1560-31-71	HWY: USH 63	COUNTY: WASHBURN	CROSS SECTIONS: USH 63	SHEET	E



PRELIMINARY

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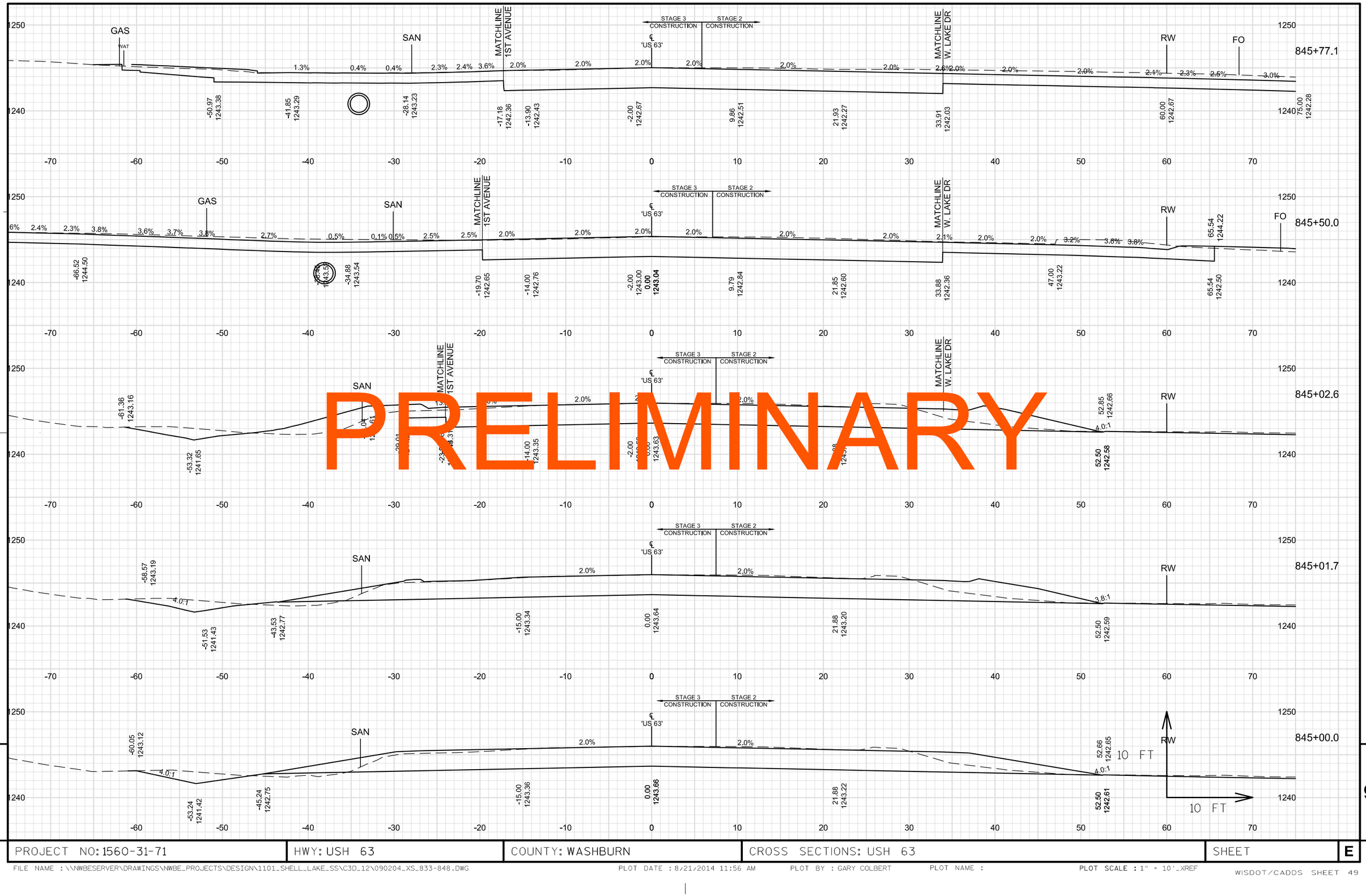
PROJECT NO: 1560-31-71	HWY: USH 63	COUNTY: WASHBURN	CROSS SECTIONS: USH 63	SHEET E

FILE NAME : \\NWBESERVER\DRAWINGS\NWBE_PROJECTS\DESIGN\1101_SHELL_LAKE_SS\C3D_12\090204_XS_833-848.DWG PLOT DATE : 8/21/2014 11:55 AM PLOT BY : GARY COLBERT PLOT NAME : PLOT SCALE : 1" = 10'_XREF
WISDOT/CADDS SHEET 49



PRELIMINARY

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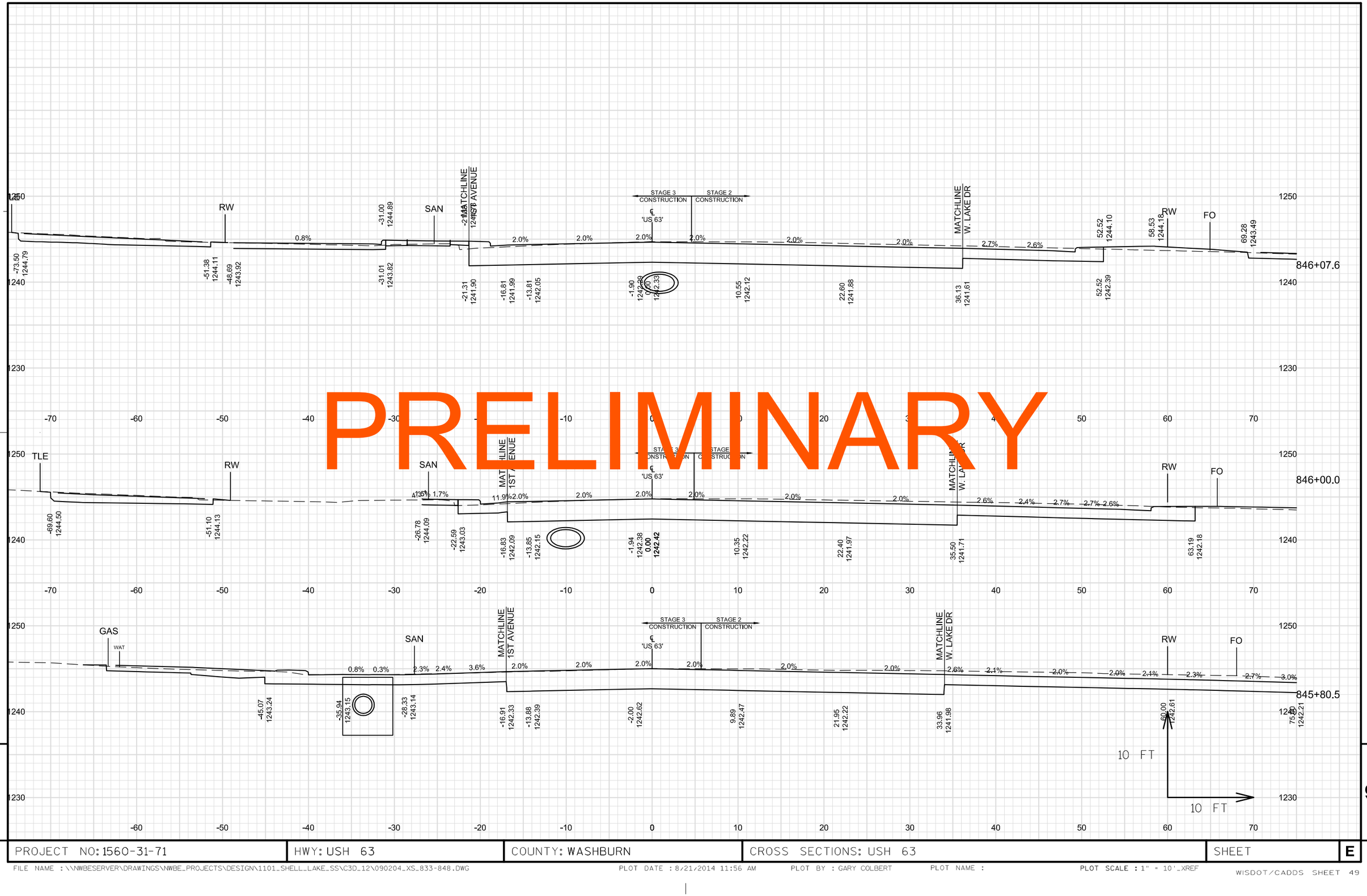
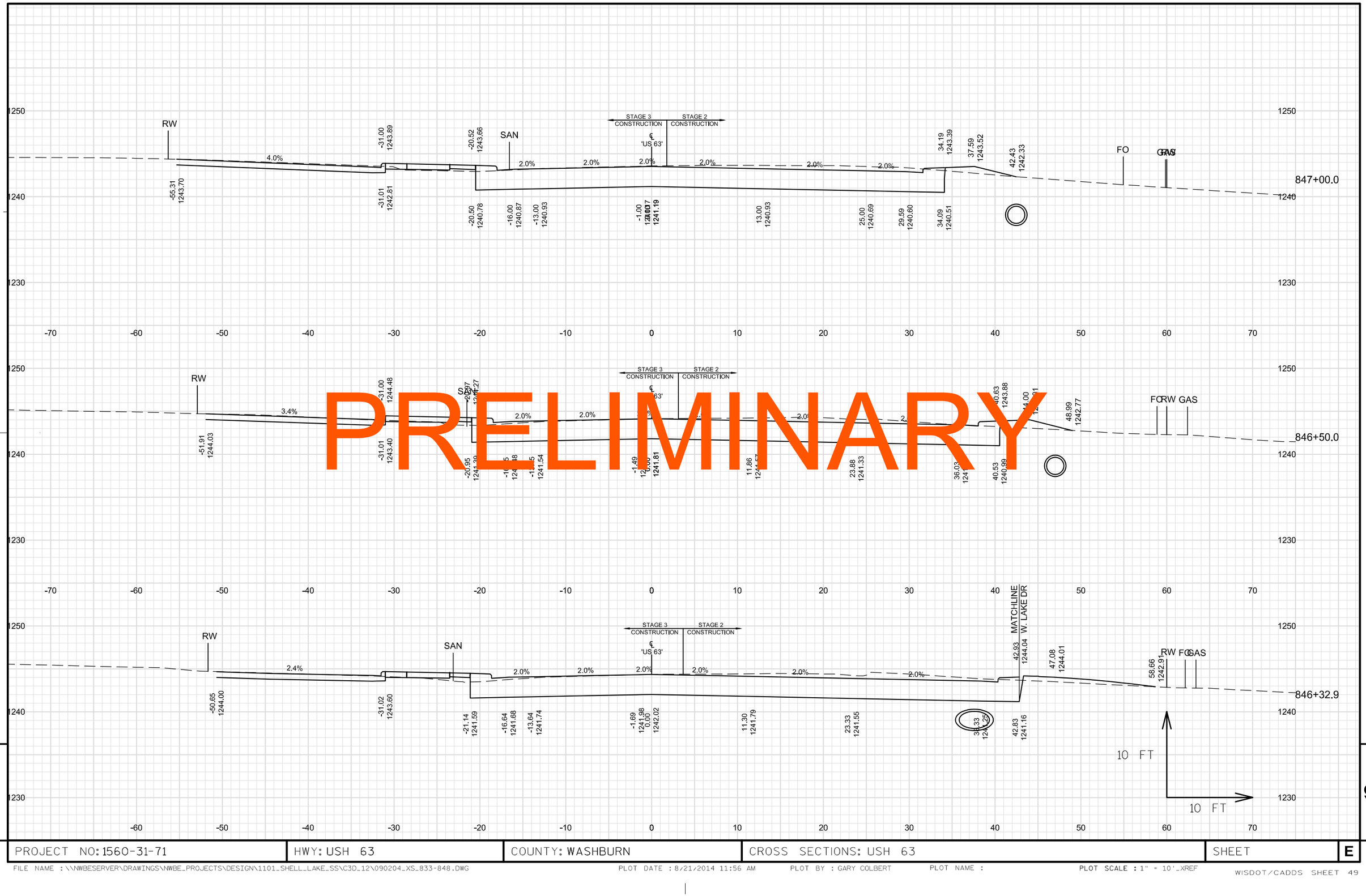
PROJECT NO: 1560-31-71	HWY: USH 63	COUNTY: WASHBURN	CROSS SECTIONS: USH 63	SHEET	E

PRELIMINARY



PROJECT NO: 1560-31-71	HWY: USH 63	COUNTY: WASHBURN	CROSS SECTIONS: USH 63	SHEET E



PRELIMINARY

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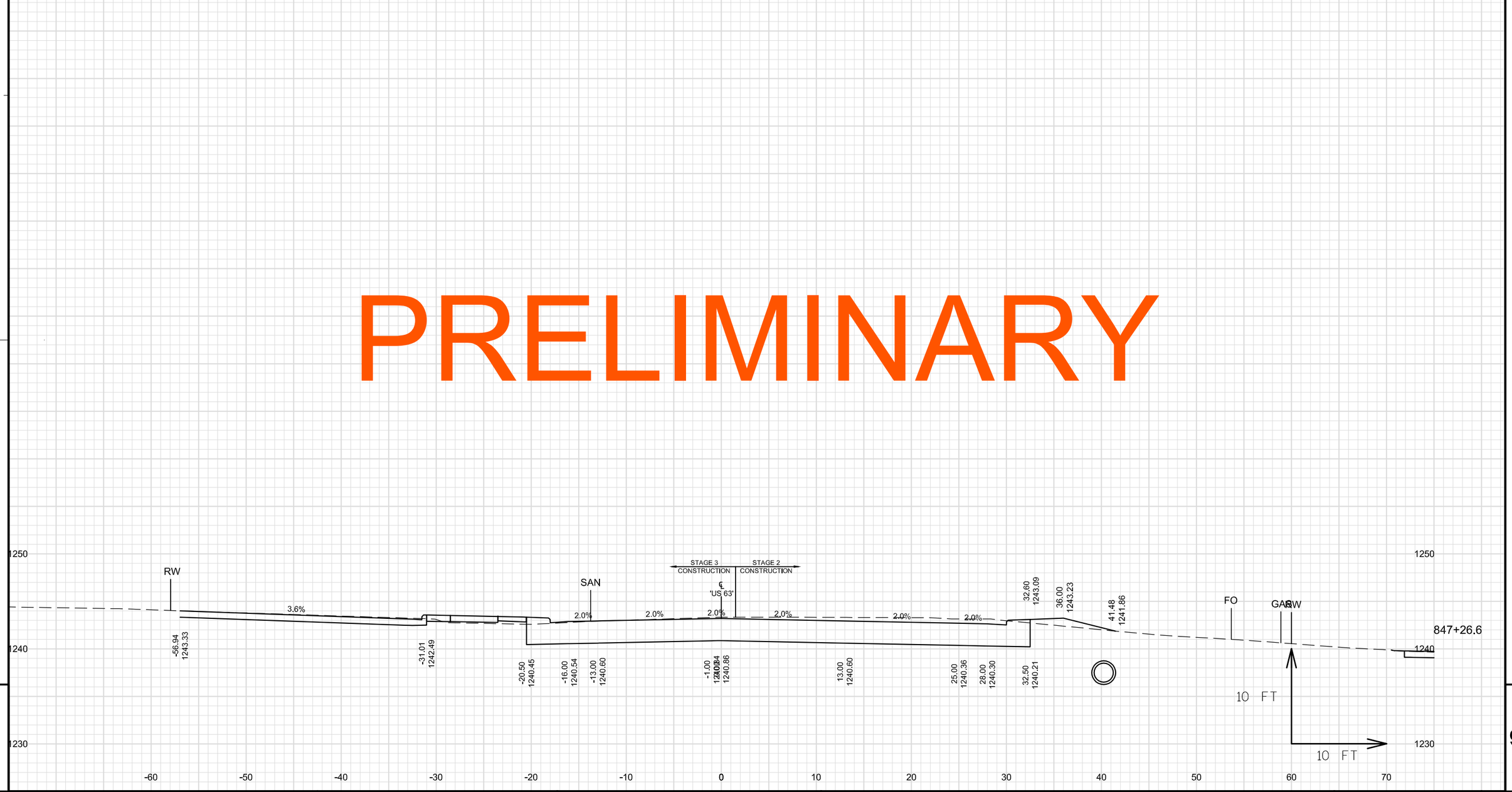
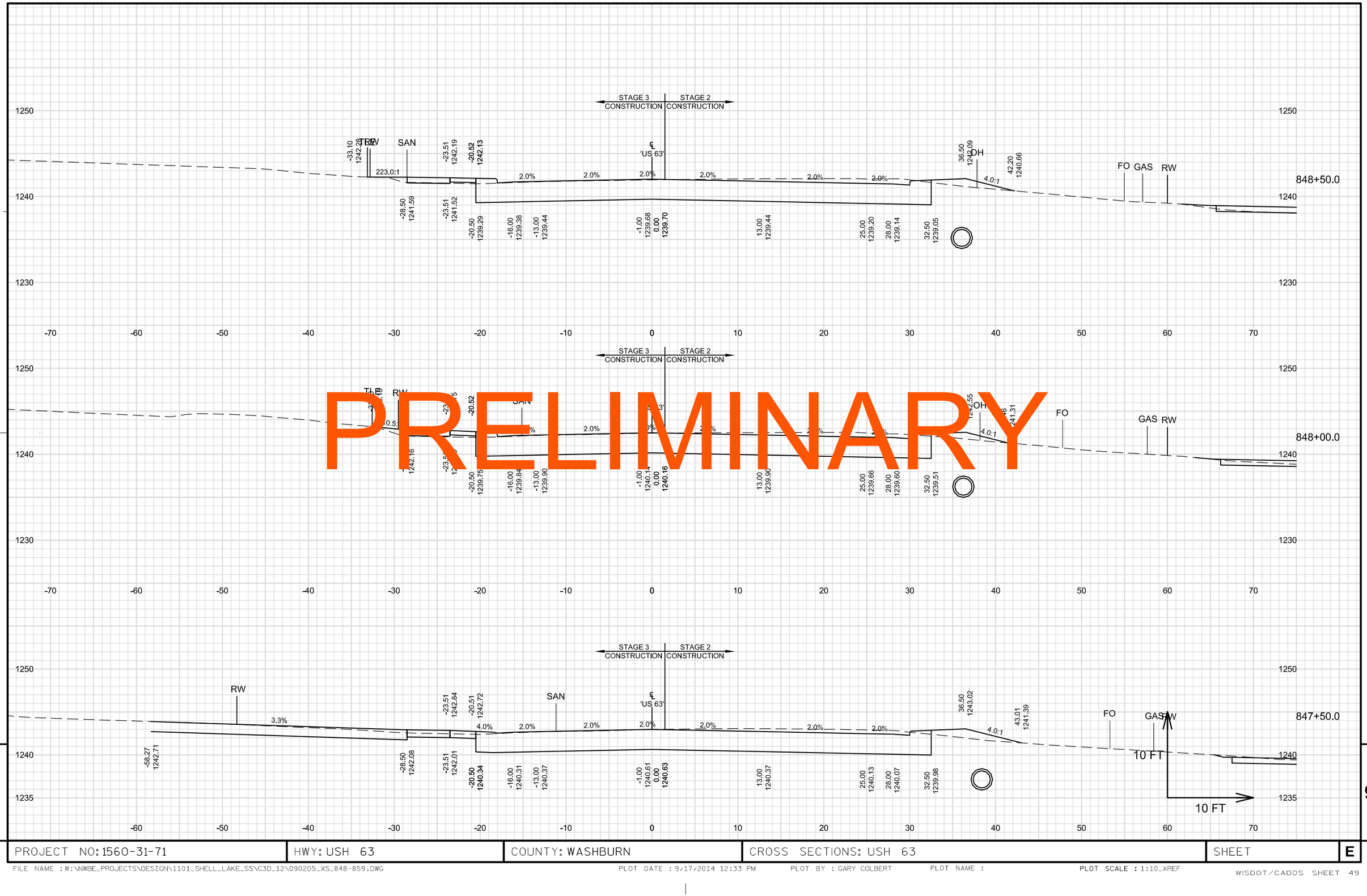
PROJECT NO: 1560-31-71	HWY: USH 63	COUNTY: WASHBURN	CROSS SECTIONS: USH 63	SHEET	E

PRELIMINARY



9	PROJECT NO: 1560-31-71	HWY: USH 63	COUNTY: WASHBURN	CROSS SECTIONS: USH 63	SHEET E	9



PRELIMINARY

PROJECT NO: 1560-31-71	HWY: USH 63	COUNTY: WASHBURN	CROSS SECTIONS: USH 63	SHEET	E

PRELIMINARY

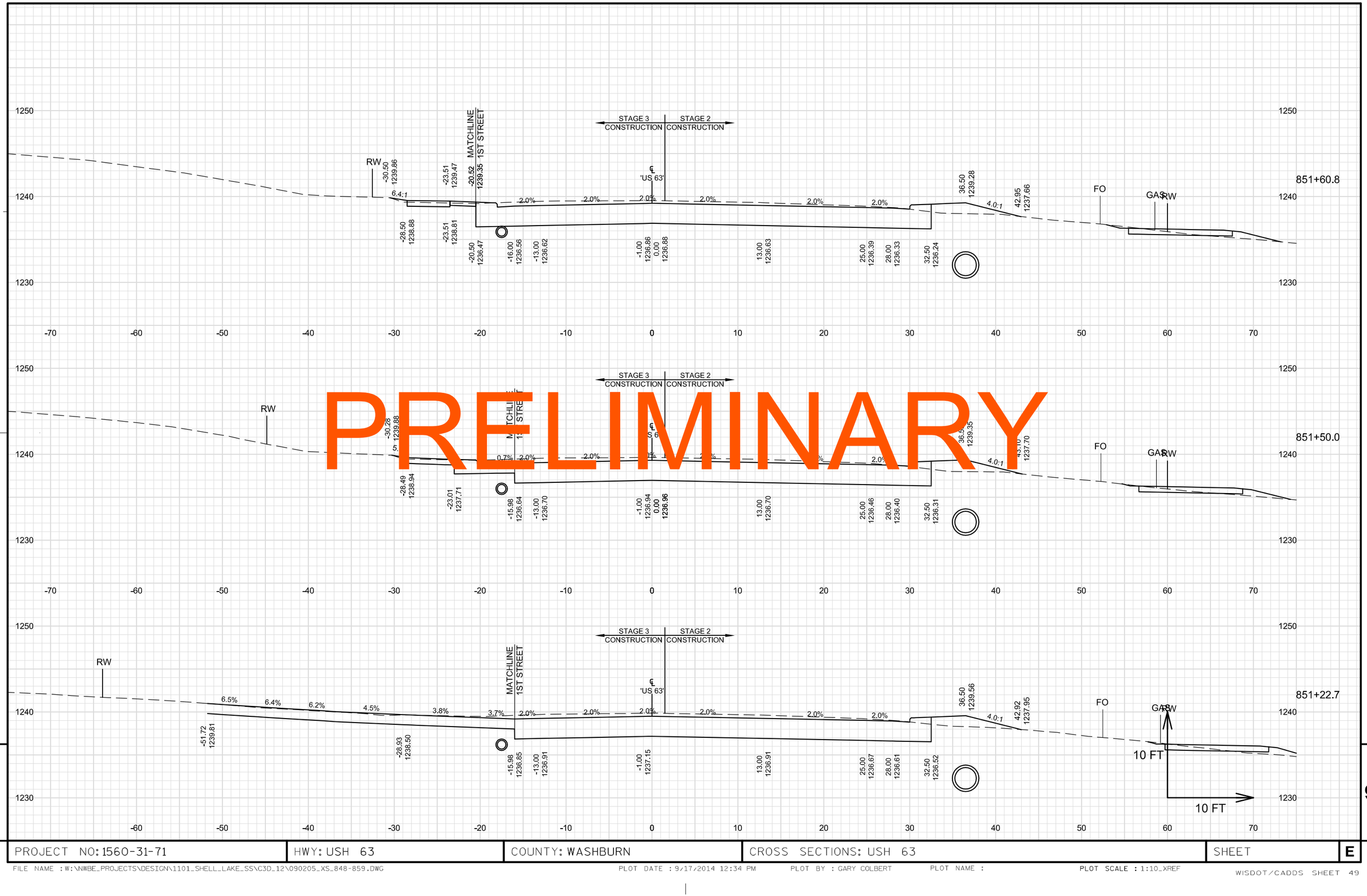
PROJECT NO: 1560-31-71	HWY: USH 63	COUNTY: WASHBURN	CROSS SECTIONS: USH 63	SHEET E

FILE NAME : W:\NWBE_PROJECTS\DESIGN\1101_SHELL_LAKE_SS\C3D_12\090205_XS_848-859.DWG PLOT DATE : 9/17/2014 12:33 PM PLOT BY : GARY COLBERT PLOT NAME : PLOT SCALE : 1:10_XREF

PRELIMINARY

9 9

PROJECT NO: 1560-31-71	HWY: USH 63	COUNTY: WASHBURN	CROSS SECTIONS: USH 63	SHEET E



PROJECT NO: 1560-31-71	HWY: USH 63	COUNTY: WASHBURN	CROSS SECTIONS: USH 63	SHEET	E

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PRELIMINARY

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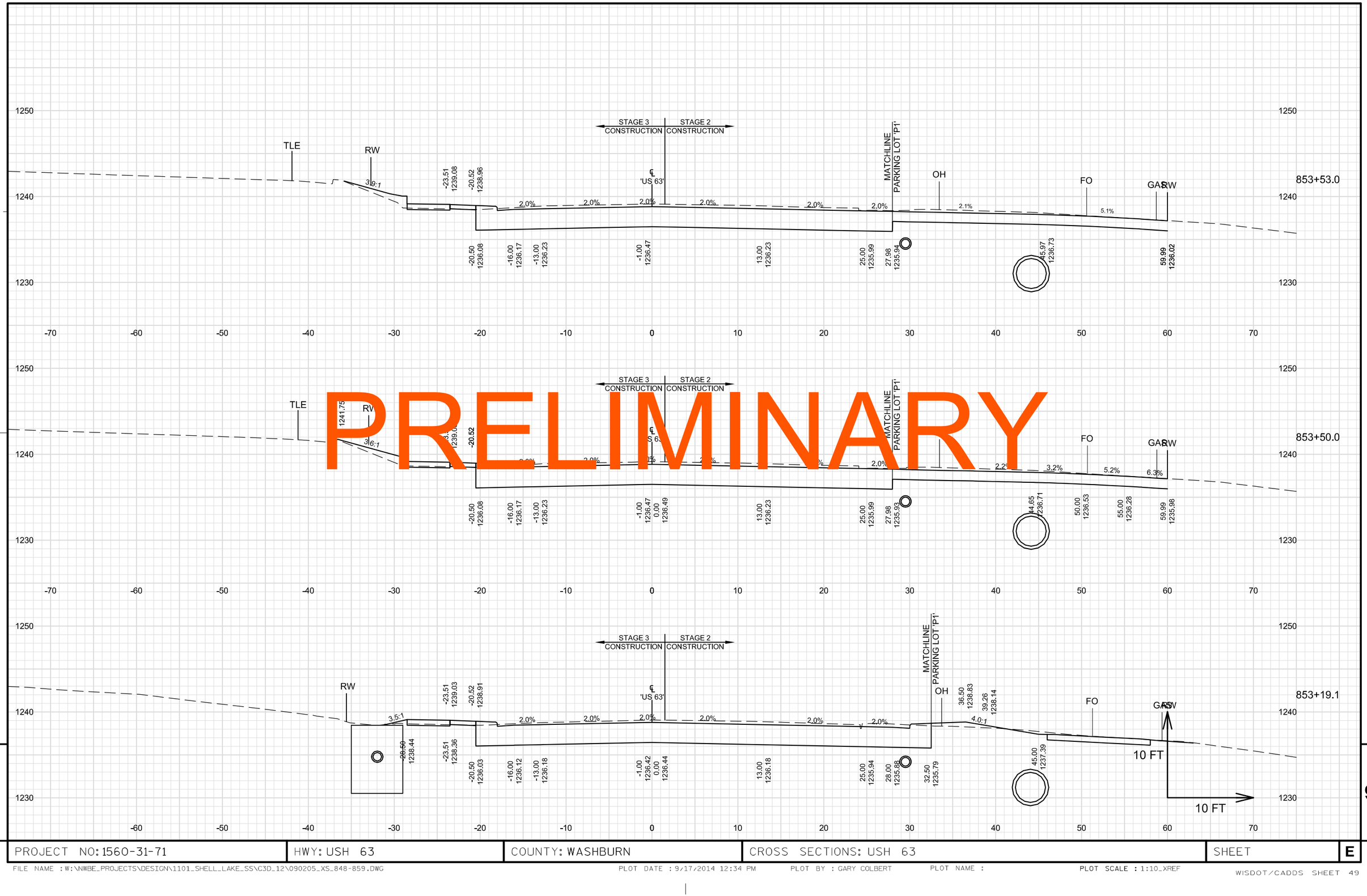
PROJECT NO: 1560-31-71	HWY: USH 63	COUNTY: WASHBURN	CROSS SECTIONS: USH 63	SHEET	E



PRELIMINARY

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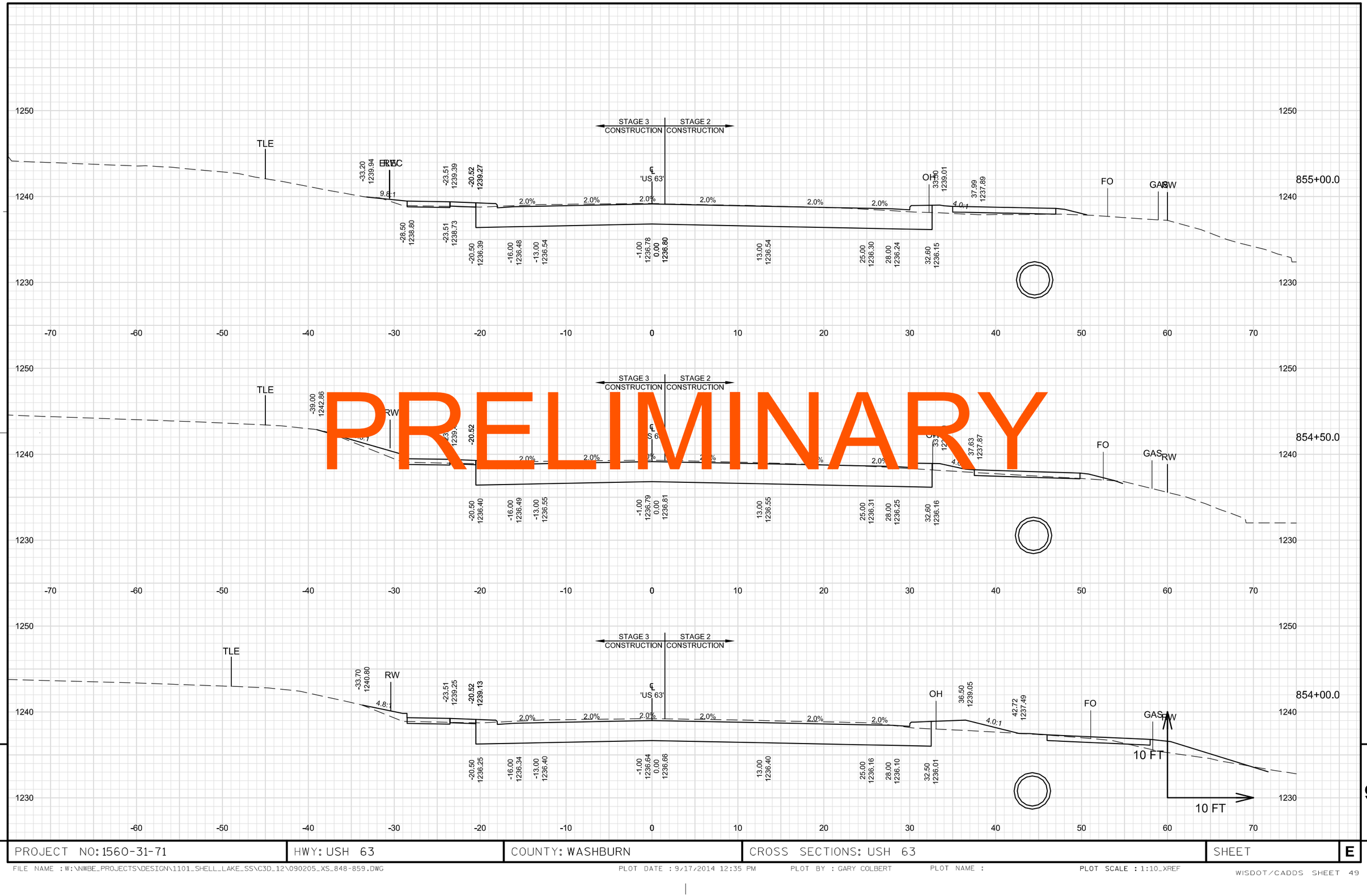
PROJECT NO: 1560-31-71	HWY: USH 63	COUNTY: WASHBURN	CROSS SECTIONS: USH 63	SHEET E

FILE NAME : W:\NWBE_PROJECTS\DESIGN\1101_SHELL_LAKE_SS\C3D_12\090205_XS_848-859.DWG
PLOT DATE : 9/17/2014 12:34 PM
PLOT BY : GARY COLBERT
PLOT NAME :
PLOT SCALE : 1:10_XREF
WISDOT/CADDS SHEET 49

PRELIMINARY

9 9

PROJECT NO: 1560-31-71	HWY: USH 63	COUNTY: WASHBURN	CROSS SECTIONS: USH 63	SHEET E



PROJECT NO: 1560-31-71	HWY: USH 63	COUNTY: WASHBURN	CROSS SECTIONS: USH 63	SHEET	E

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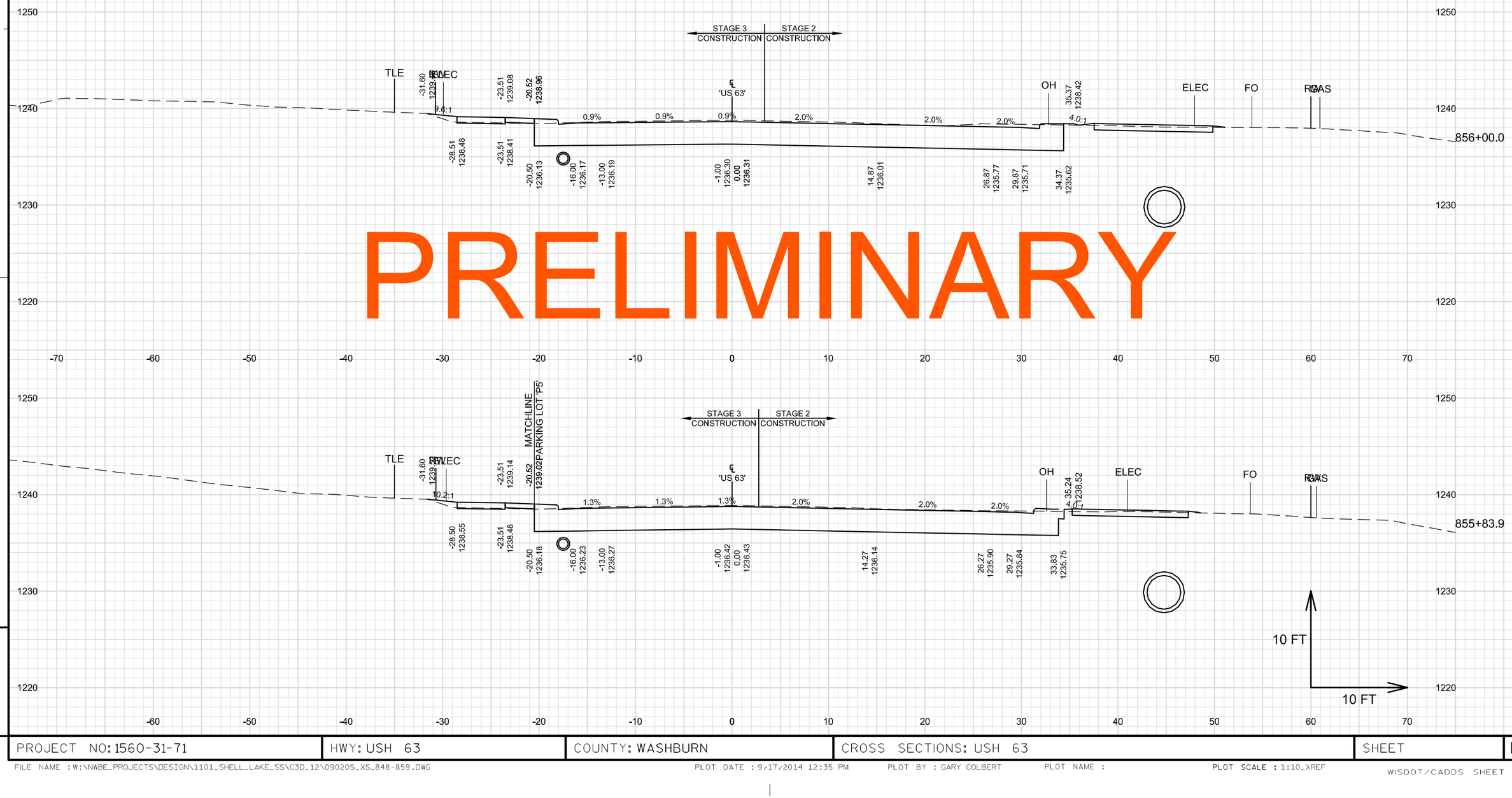
WISDOT/CADDS SHEET 49

PRELIMINARY

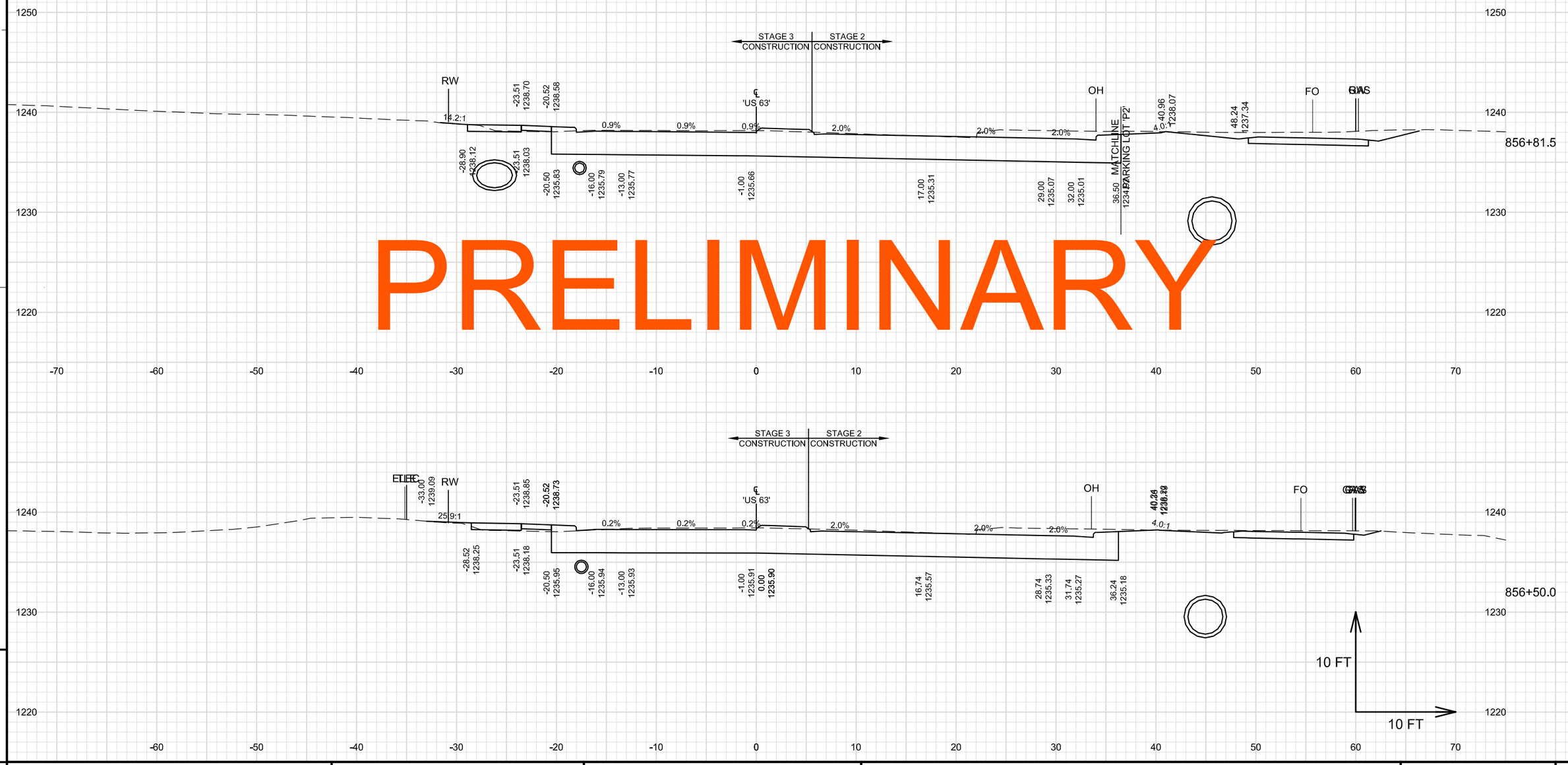
PROJECT NO: 1560-31-71	HWY: USH 63	COUNTY: WASHBURN	CROSS SECTIONS: USH 63	SHEET	E



PRELIMINARY

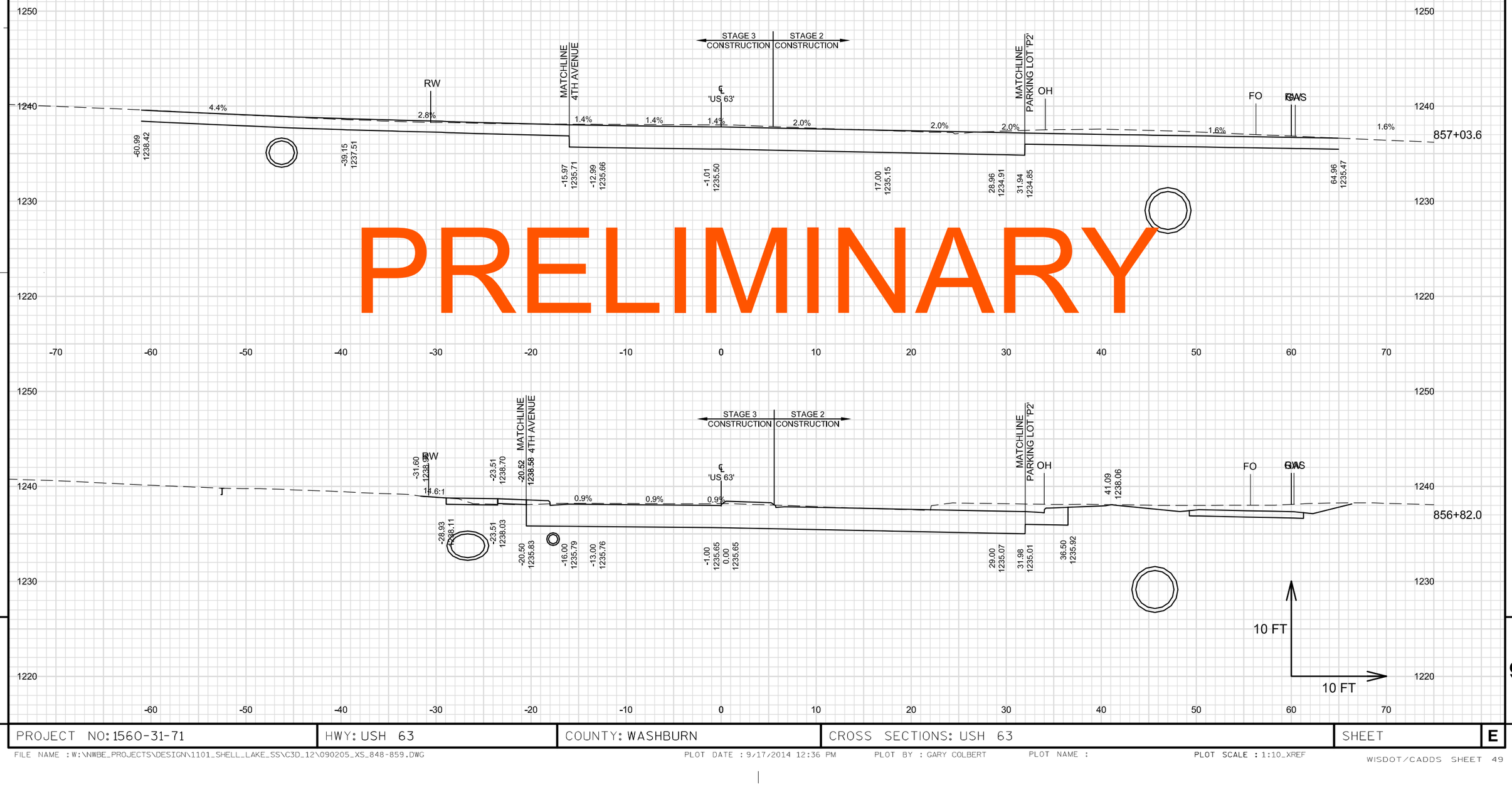
PROJECT NO: 1560-31-71	HWY: USH 63	COUNTY: WASHBURN	CROSS SECTIONS: USH 63	SHEET E

FILE NAME : W:\NWBE_PROJECTS\DESIGN\1101_SHELL_LAKE_SS\C3D_12\090205_XS_848-859.DWG PLOT DATE : 9/17/2014 12:35 PM PLOT BY : GARY COLBERT PLOT NAME : PLOT SCALE : 1:10_XREF



PROJECT NO: 1560-31-71	HWY: USH 63	COUNTY: WASHBURN	CROSS SECTIONS: USH 63	SHEET	E

FILE NAME : W:\NWBE_PROJECTS\DESIGN\1101_SHELL_LAKE_SS\C3D_12\090205_XS_848-859.DWG PLOT DATE : 9/17/2014 12:35 PM PLOT BY : GARY COLBERT PLOT NAME : PLOT SCALE : 1:10_XREF



PRELIMINARY

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PROJECT NO: 1560-31-71	HWY: USH 63	COUNTY: WASHBURN	CROSS SECTIONS: USH 63	SHEET	E

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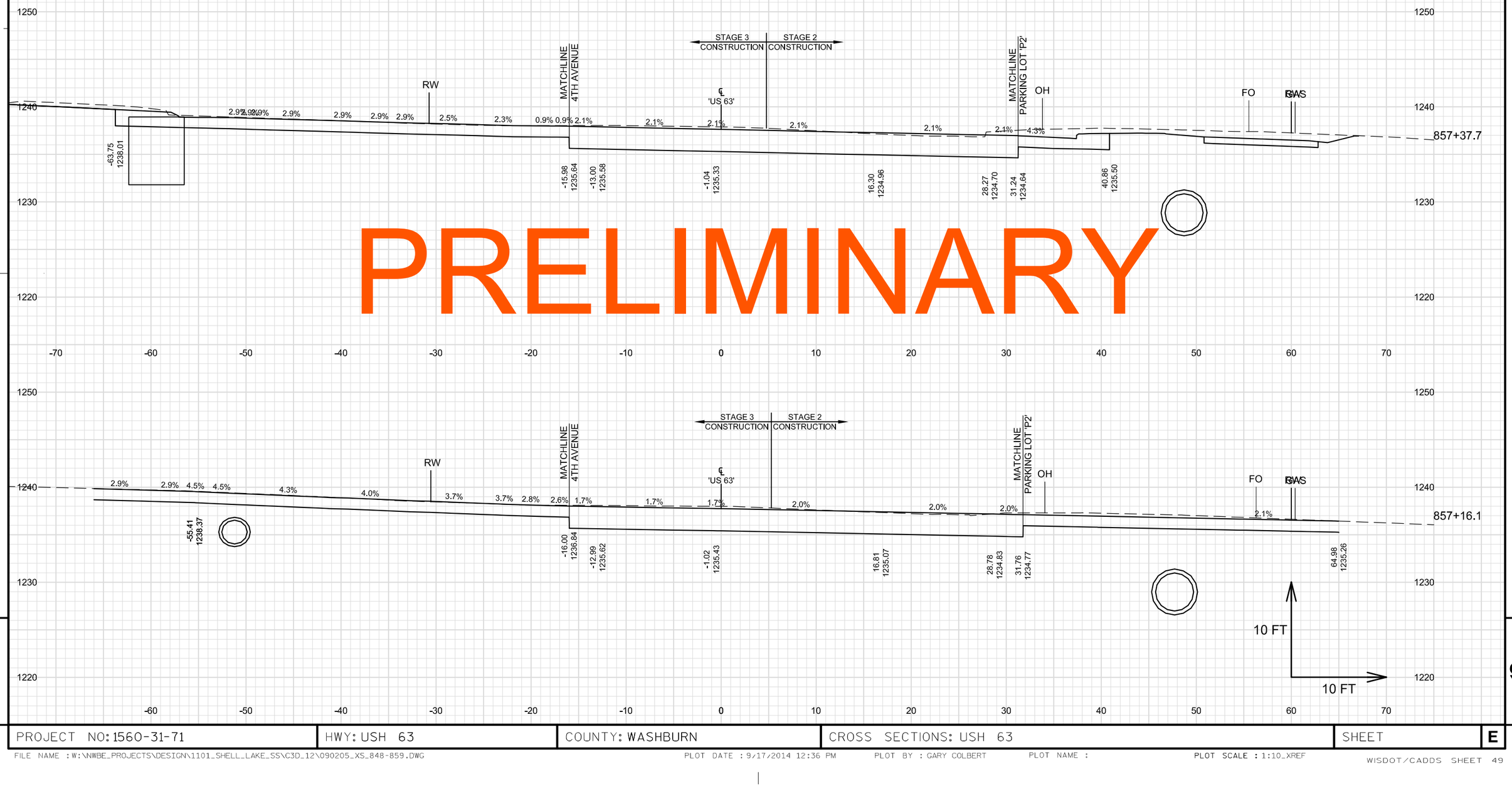
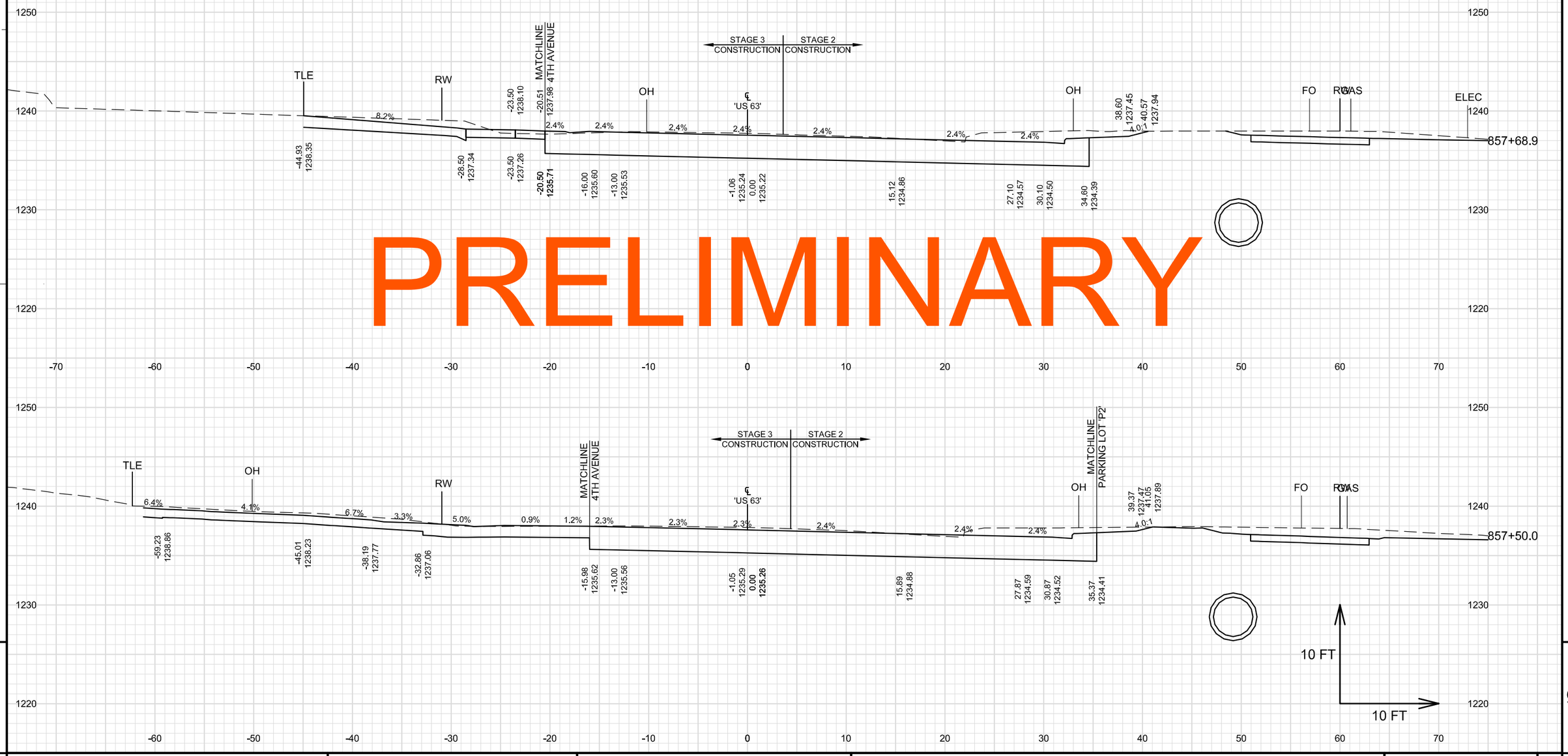


PRELIMINARY

PROJECT NO: 1560-31-71	HWY: USH 63	COUNTY: WASHBURN	CROSS SECTIONS: USH 63	SHEET	E

FILE NAME : W:\NWBE_PROJECTS\DESIGN\1101_SHELL_LAKE_SS\C3D_12\090205_XS_848-859.DWG PLOT DATE : 9/17/2014 12:36 PM PLOT BY : GARY COLBERT PLOT NAME : PLOT SCALE : 1:10_XREF



PRELIMINARY

PROJECT NO: 1560-31-71	HWY: USH 63	COUNTY: WASHBURN	CROSS SECTIONS: USH 63	SHEET	E

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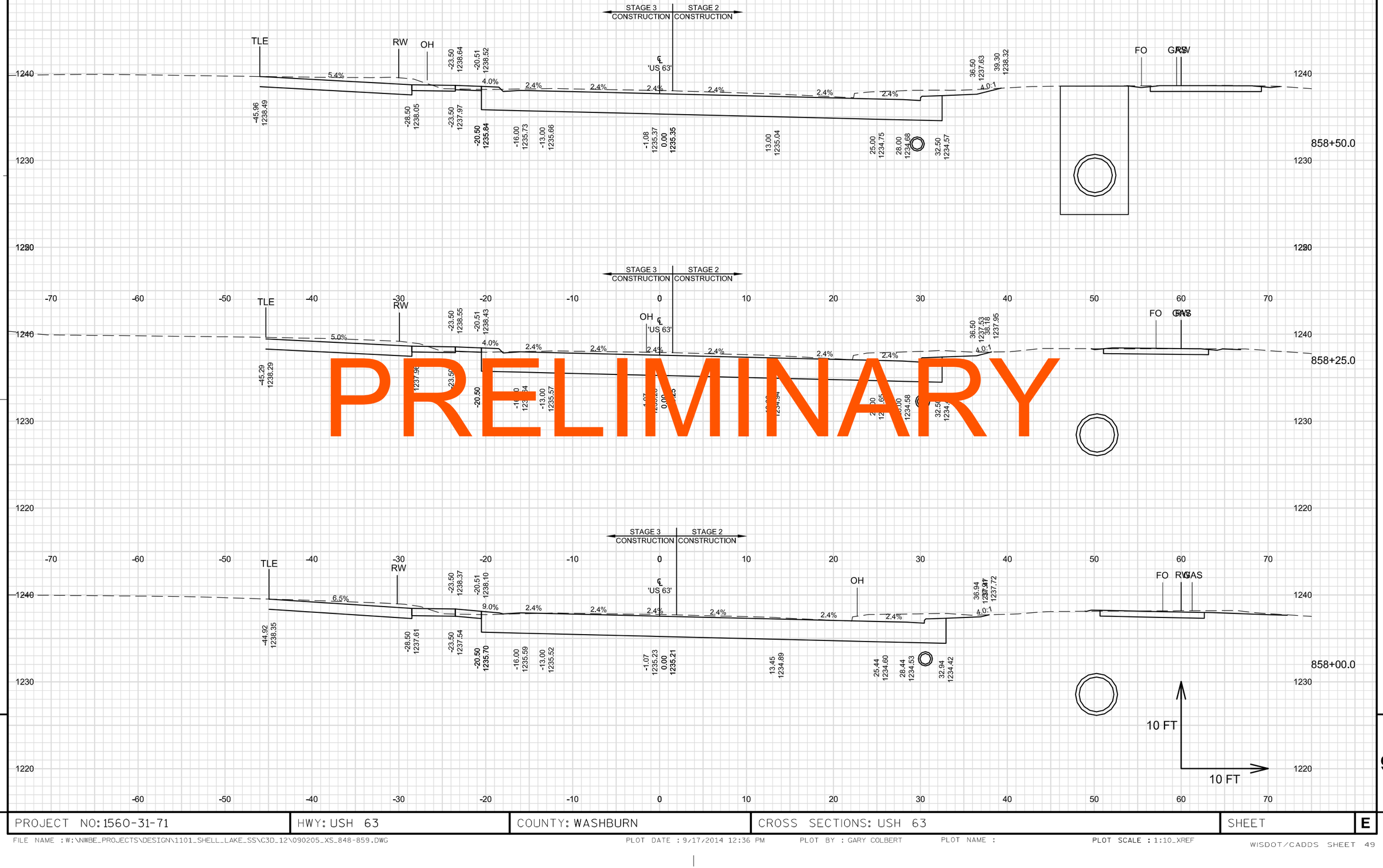

PRELIMINARY

PROJECT NO: 1560-31-71	HWY: USH 63	COUNTY: WASHBURN	CROSS SECTIONS: USH 63	SHEET E

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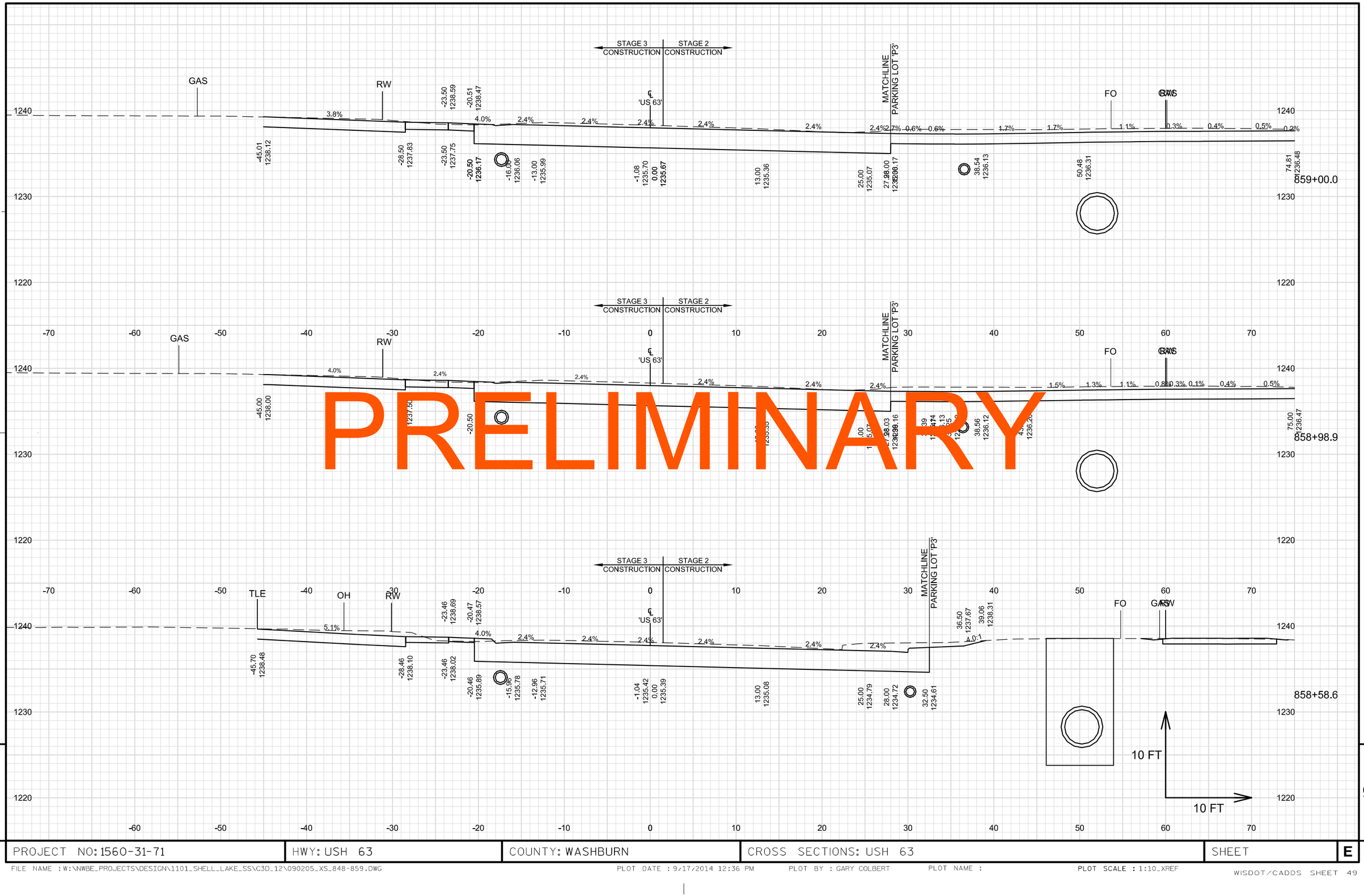

PROJECT NO: 1560-31-71	HWY: USH 63	COUNTY: WASHBURN	CROSS SECTIONS: USH 63	SHEET E

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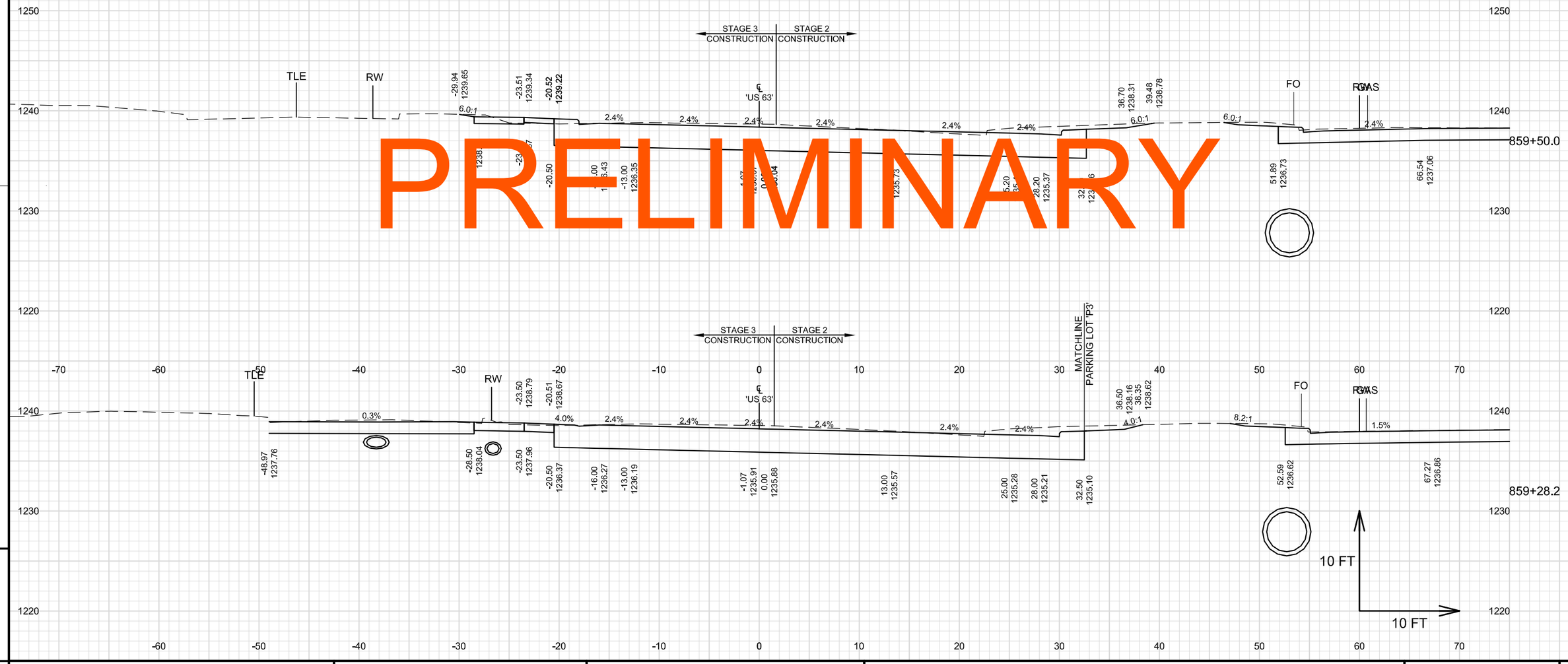

PRELIMINARY

PROJECT NO: 1560-31-71	HWY: USH 63	COUNTY: WASHBURN	CROSS SECTIONS: USH 63	SHEET E

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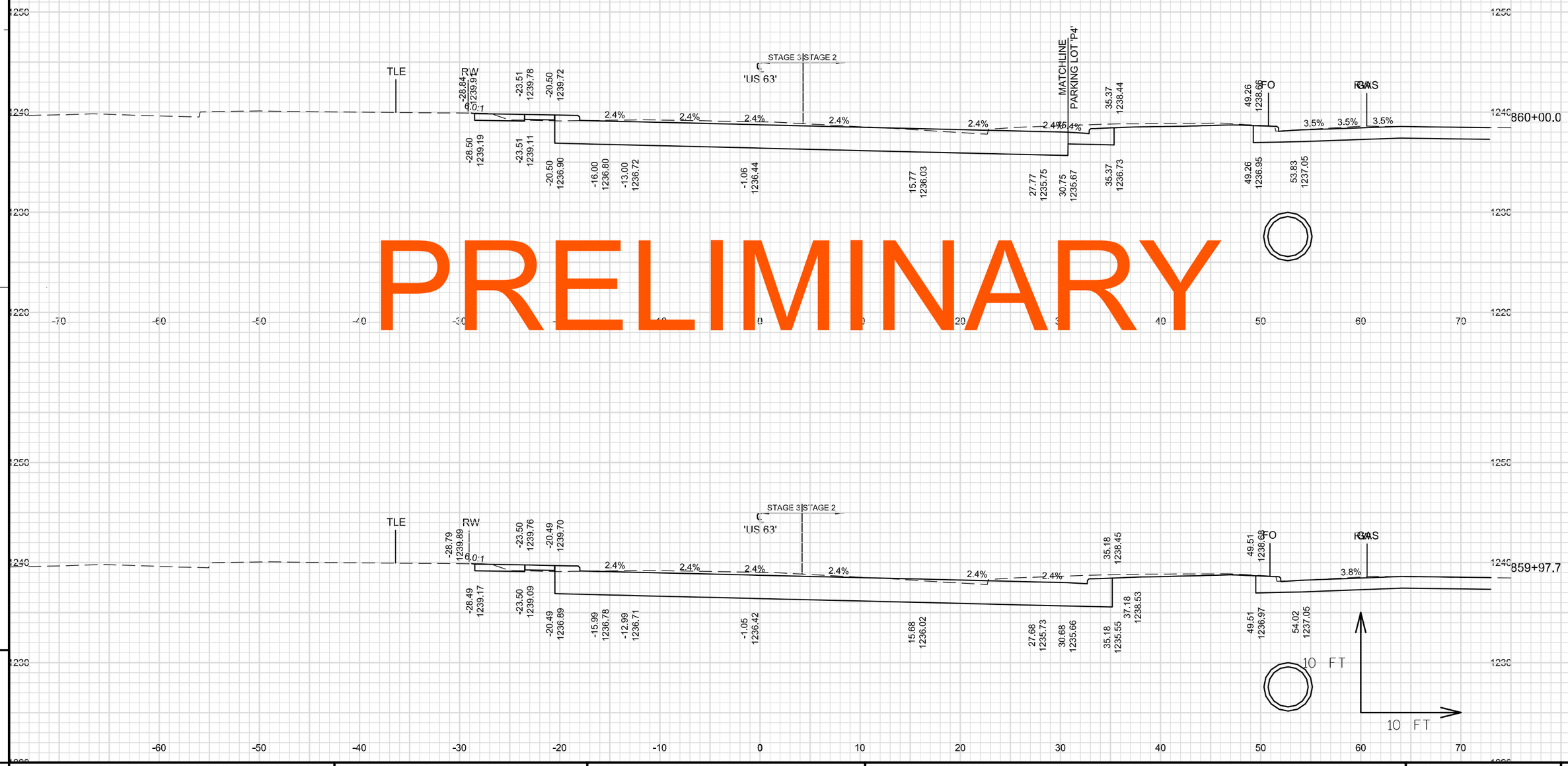

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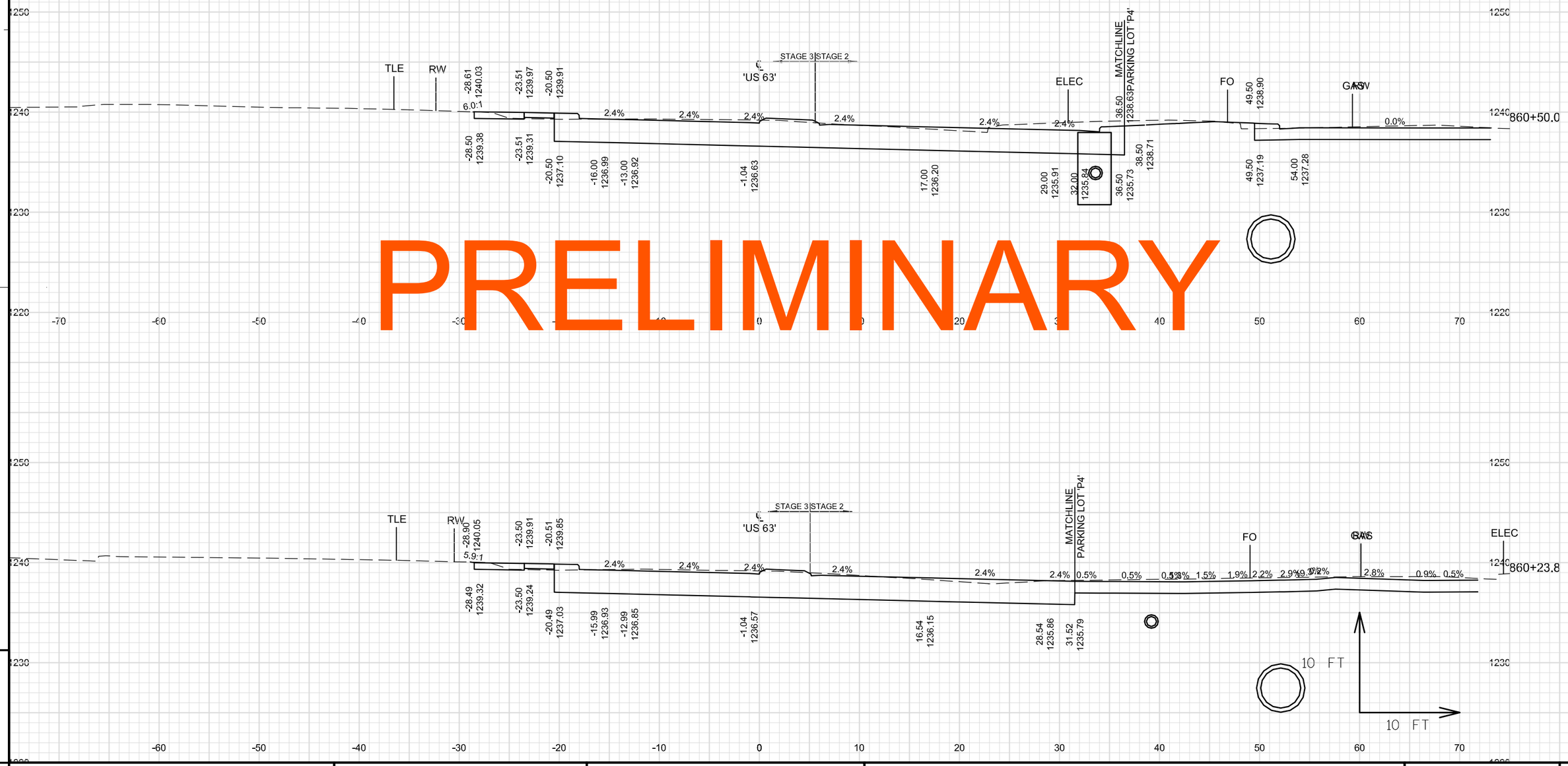
PROJECT NO: 1560-31-71	HWY: USH 63	COUNTY: WASHBURN	CROSS SECTIONS: USH 63	SHEET	E



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PLOT NAME :
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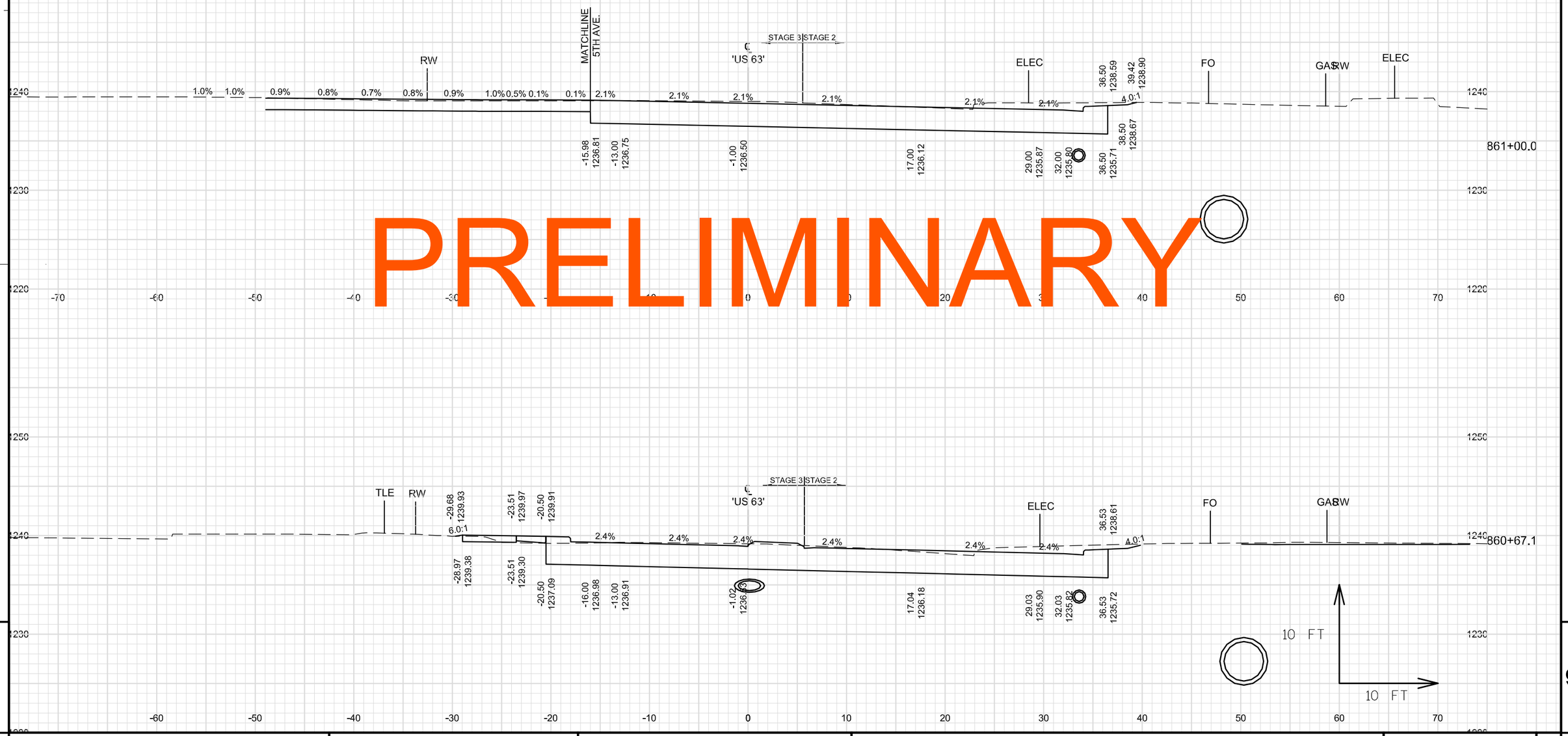
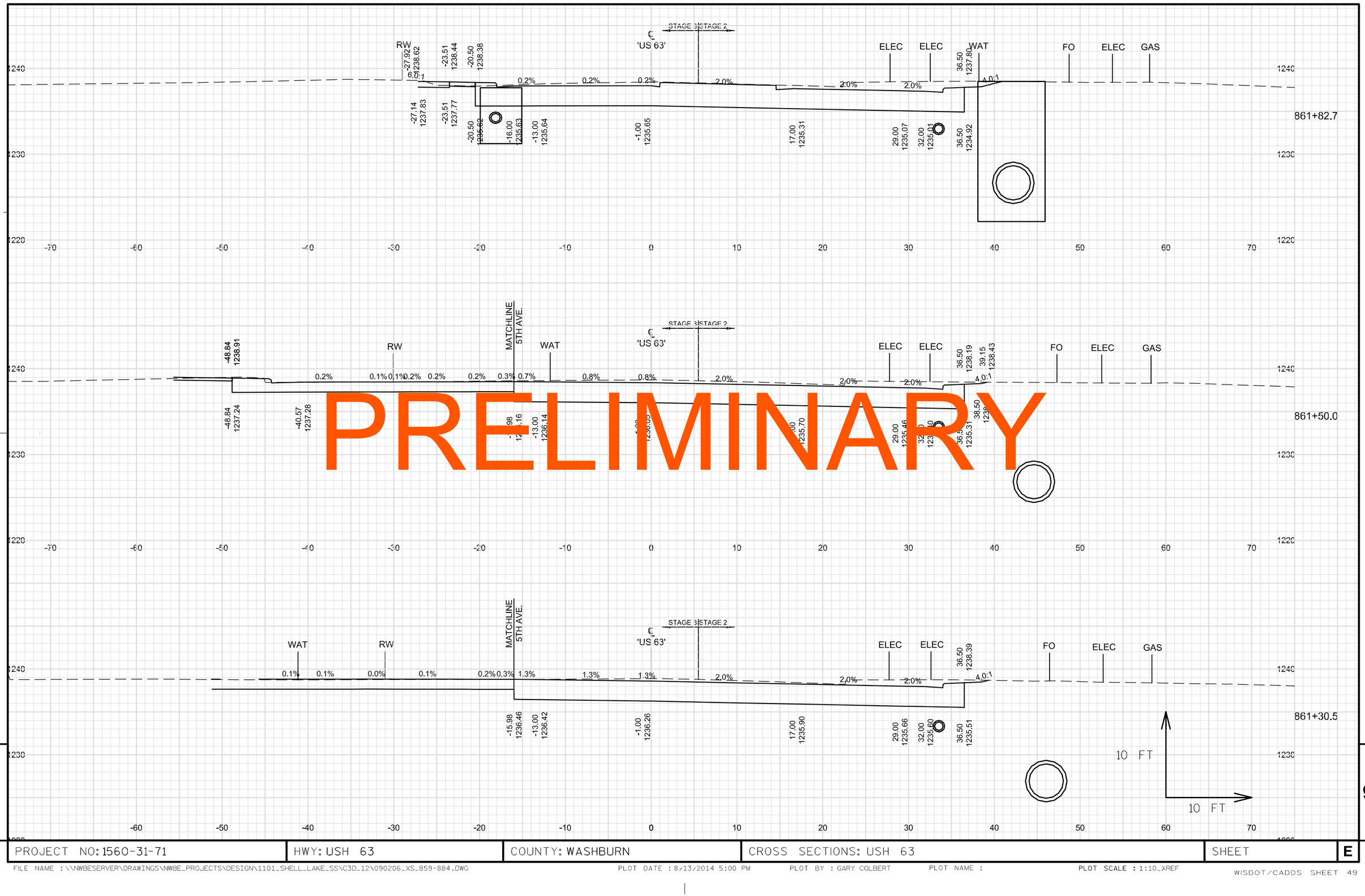
WISDOT/CADDS SHEET 49



PROJECT NO: 1560-31-71	HWY: USH 63	COUNTY: WASHBURN	CROSS SECTIONS: USH 63	SHEET E

FILE NAME : \\NWBESERVER\DRAWINGS\NWBE_PROJECTS\DESIGN\1101_SHELL_LAKE_SS\C3D_12\090206_XS_859-884.DWG PLOT DATE : 8/13/2014 5:00 PM PLOT BY : GARY COLBERT PLOT NAME : PLOT SCALE : 1:10_XREF



PRELIMINARY

PROJECT NO: 1560-31-71	HWY: USH 63	COUNTY: WASHBURN	CROSS SECTIONS: USH 63	SHEET	E

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PLOT NAME :
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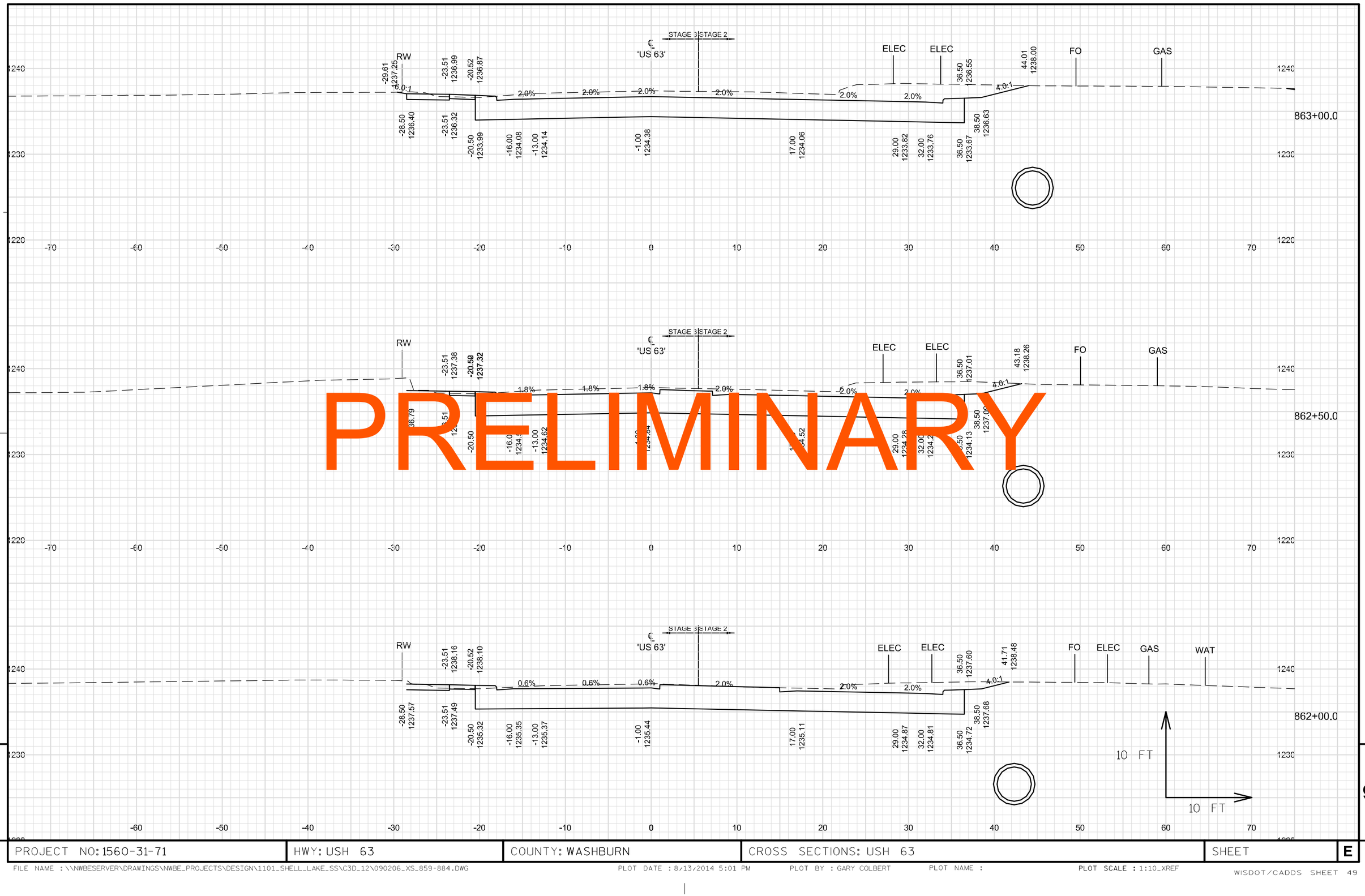
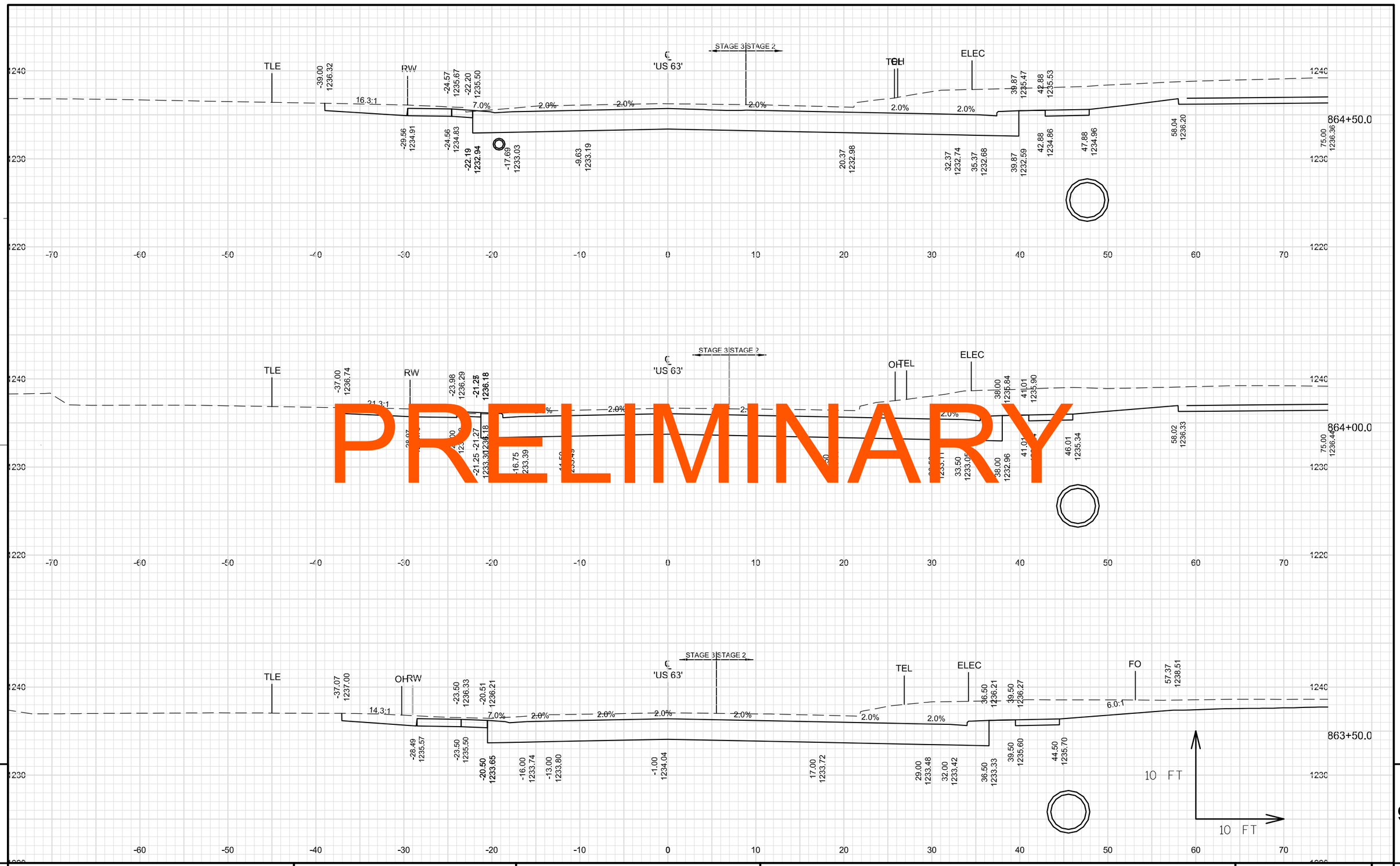


PRELIMINARY

PROJECT NO: 1560-31-71	HWY: USH 63	COUNTY: WASHBURN	CROSS SECTIONS: USH 63	SHEET	E

PRELIMINARY



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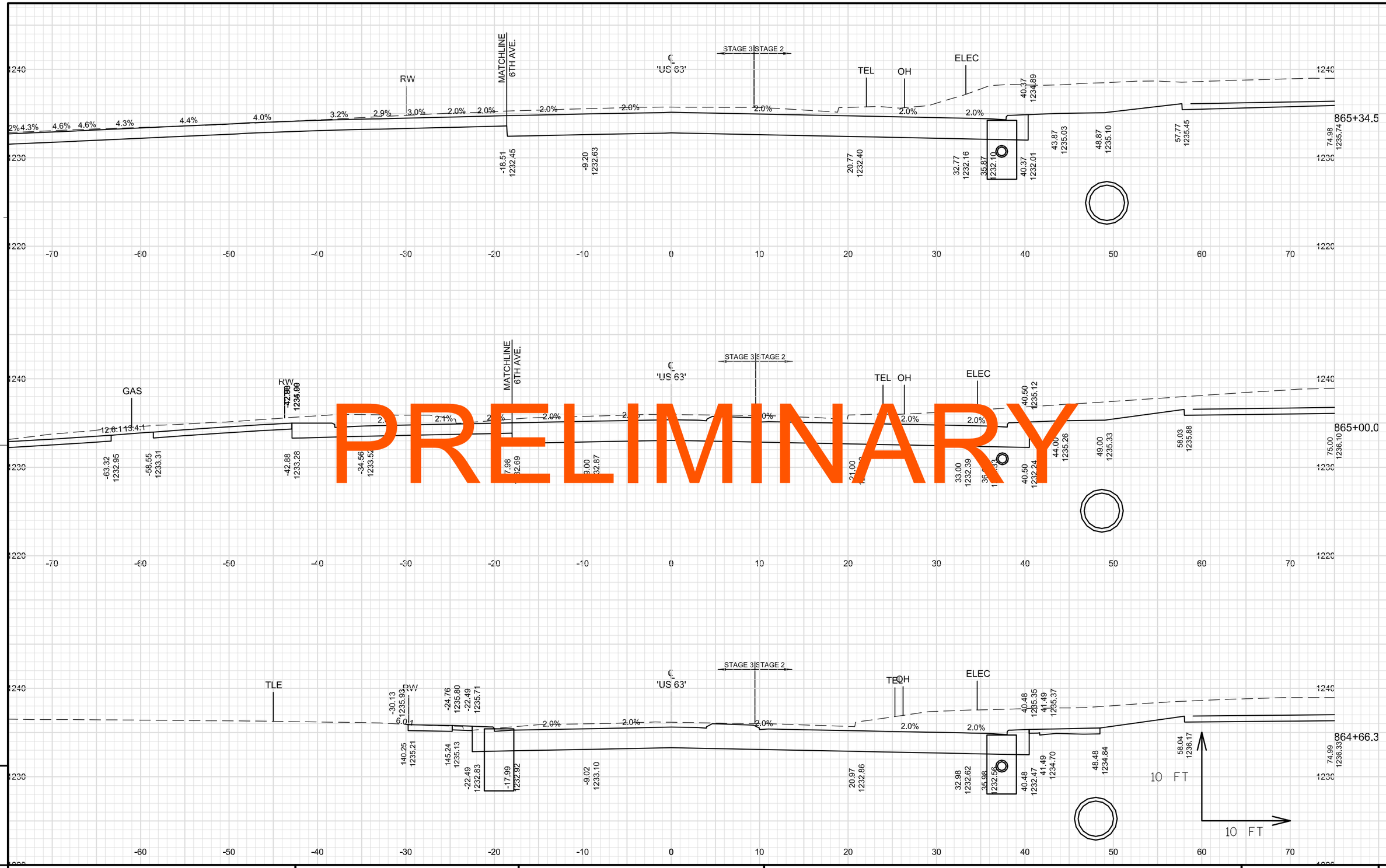

PRELIMINARY

PROJECT NO: 1560-31-71	HWY: USH 63	COUNTY: WASHBURN	CROSS SECTIONS: USH 63	SHEET	E

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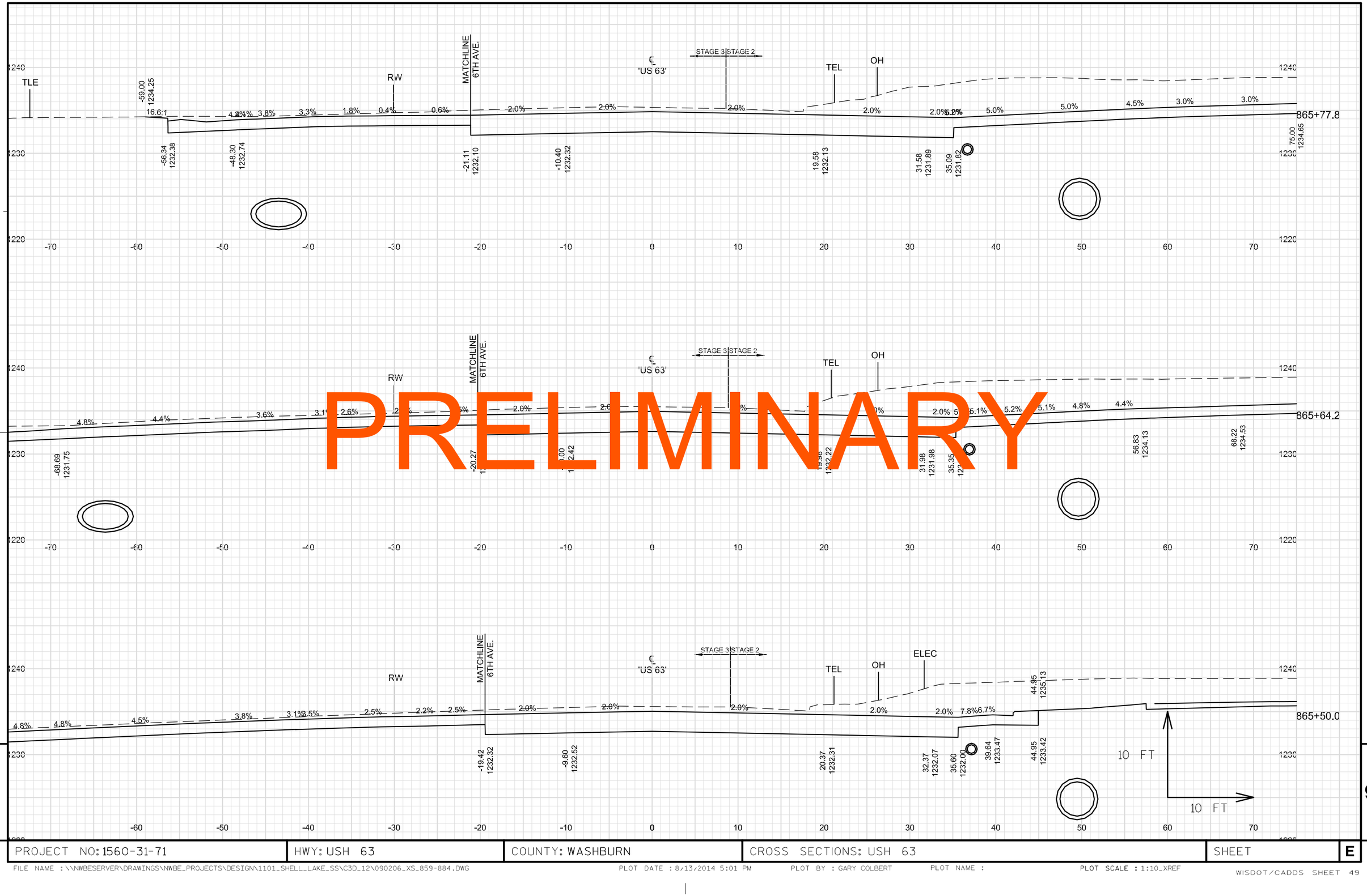

PRELIMINARY

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PROJECT NO: 1560-31-71	HWY: USH 63	COUNTY: WASHBURN	CROSS SECTIONS: USH 63	SHEET	E

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PLOT NAME :
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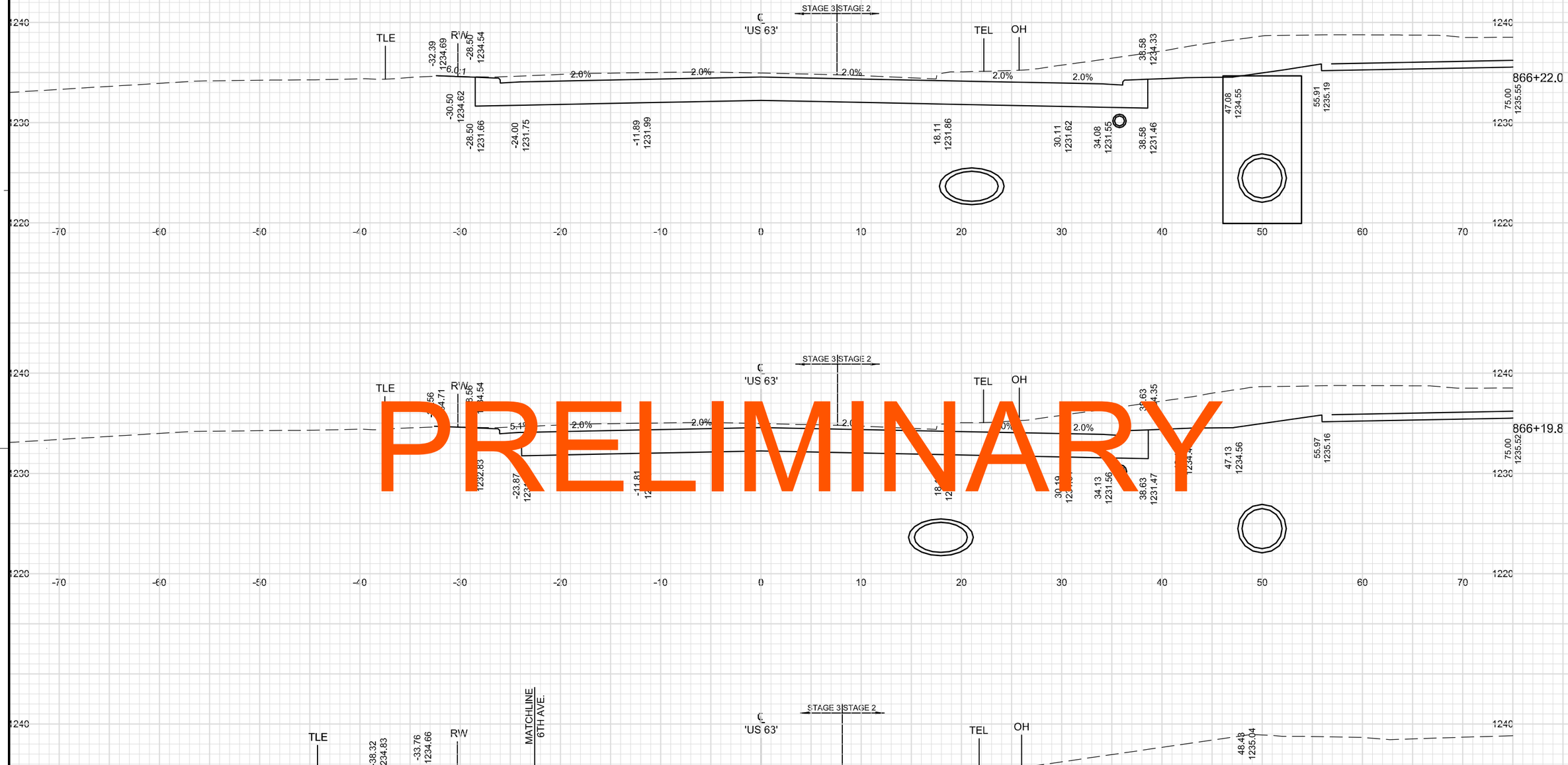
WISDOT/CADDS SHEET 49



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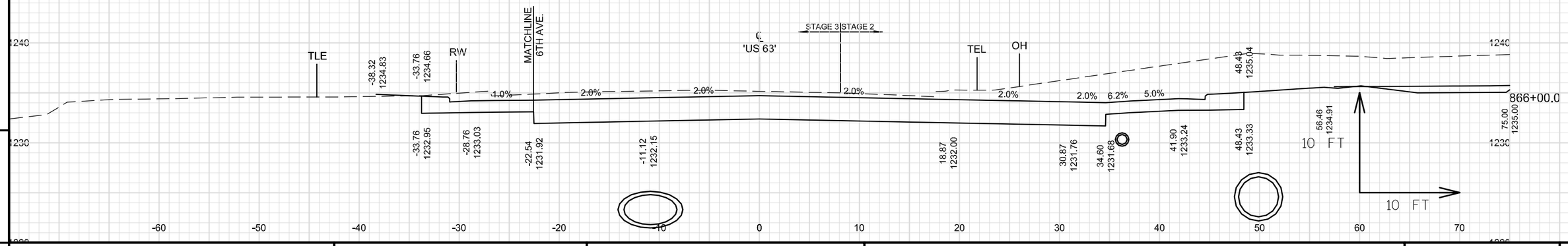

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PROJECT NO: 1560-31-71	HWY: USH 63	COUNTY: WASHBURN	CROSS SECTIONS: USH 63	SHEET	E

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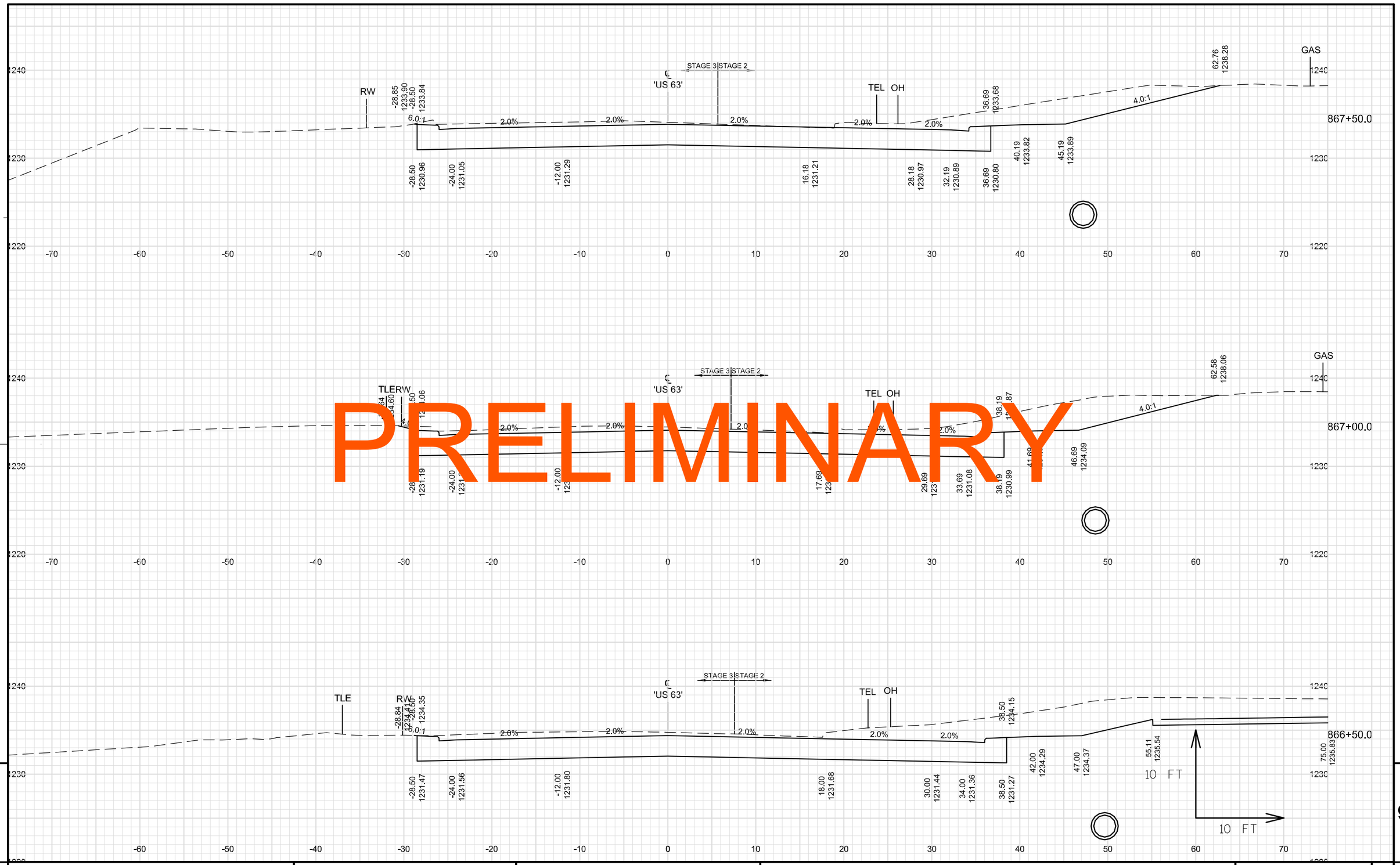

PRELIMINARY

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PROJECT NO: 1560-31-71	HWY: USH 63	COUNTY: WASHBURN	CROSS SECTIONS: USH 63	SHEET	E

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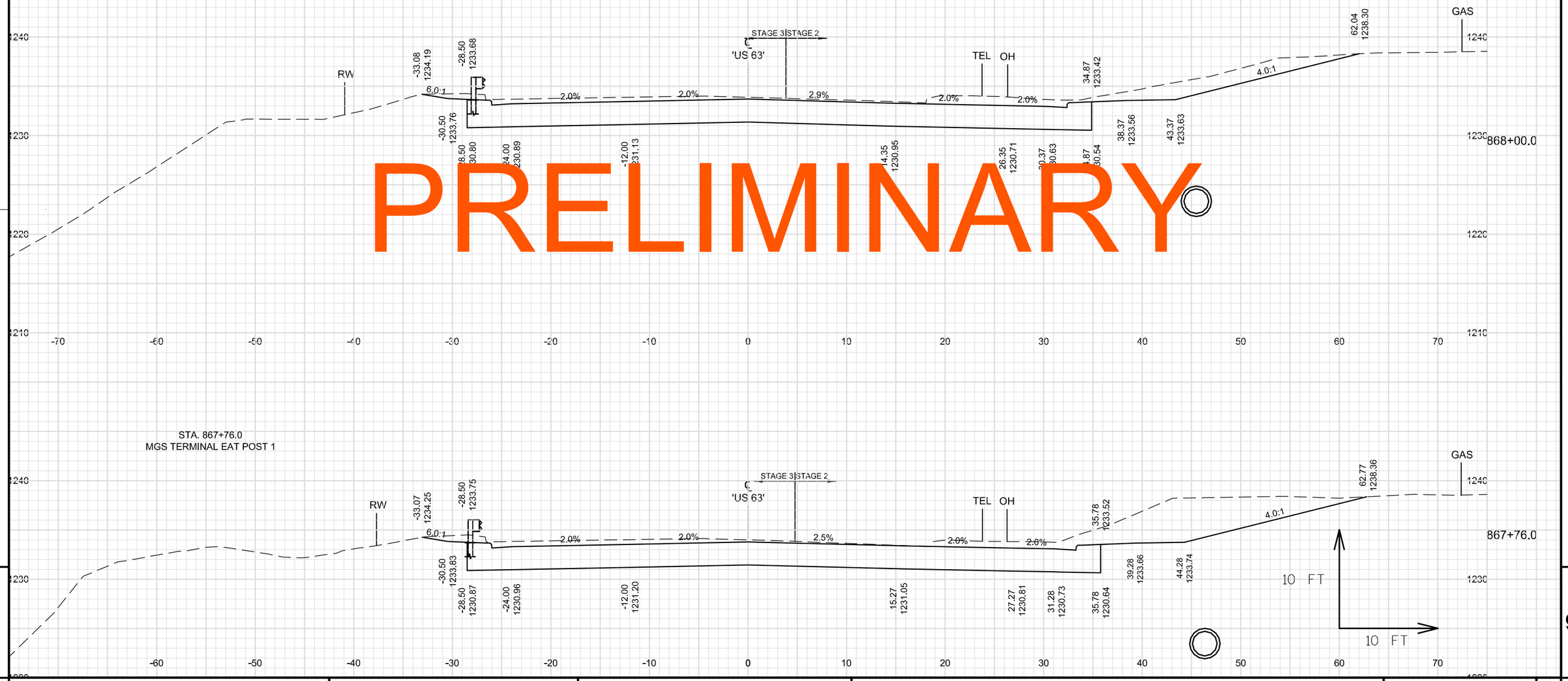
PRELIMINARY



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PROJECT NO: 1560-31-71	HWY: USH 63	COUNTY: WASHBURN	CROSS SECTIONS: USH 63	SHEET	E

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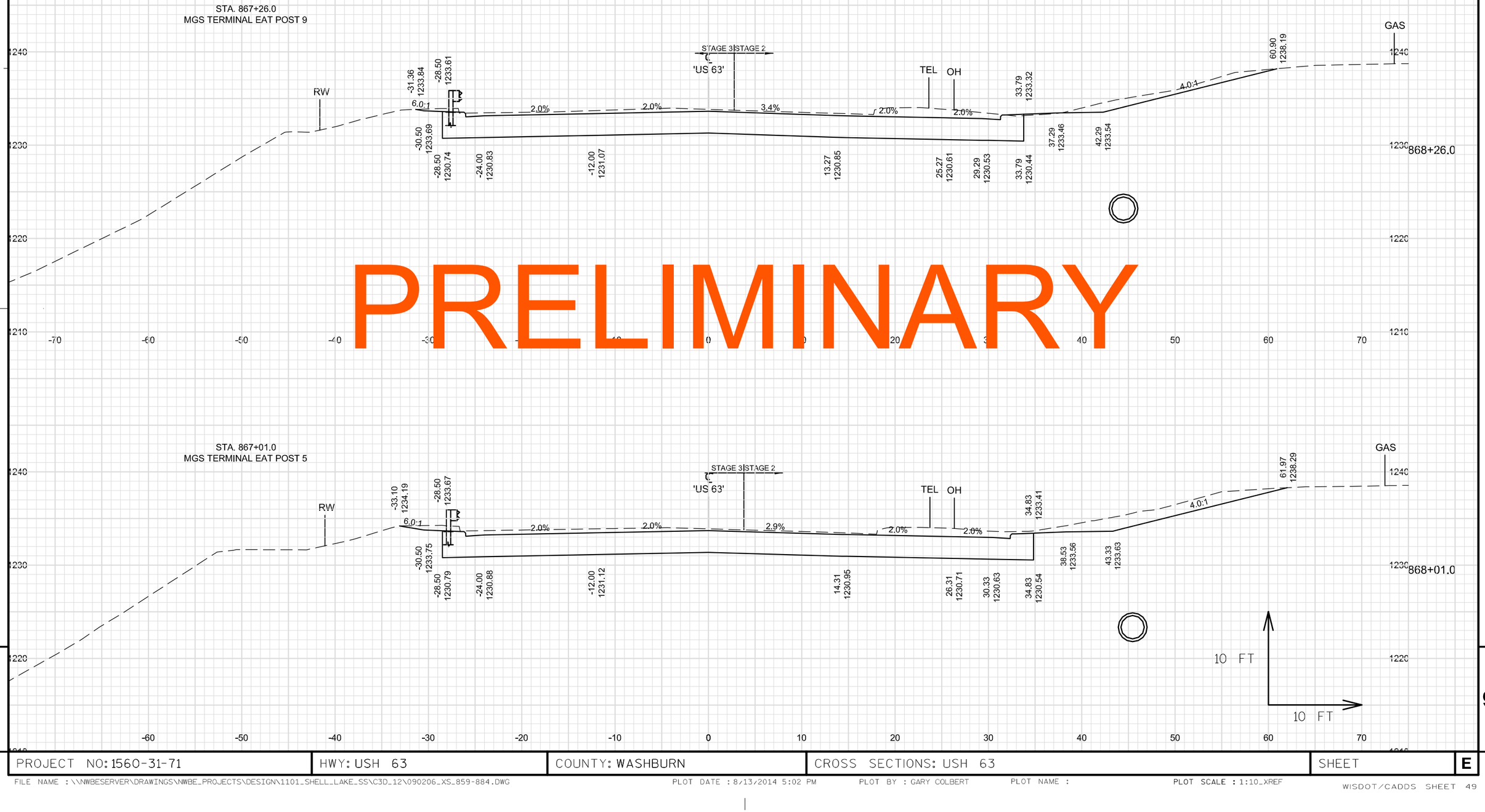
WISDOT/CADDS SHEET 49



PRELIMINARY

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PROJECT NO: 1560-31-71	HWY: USH 63	COUNTY: WASHBURN	CROSS SECTIONS: USH 63	SHEET	E

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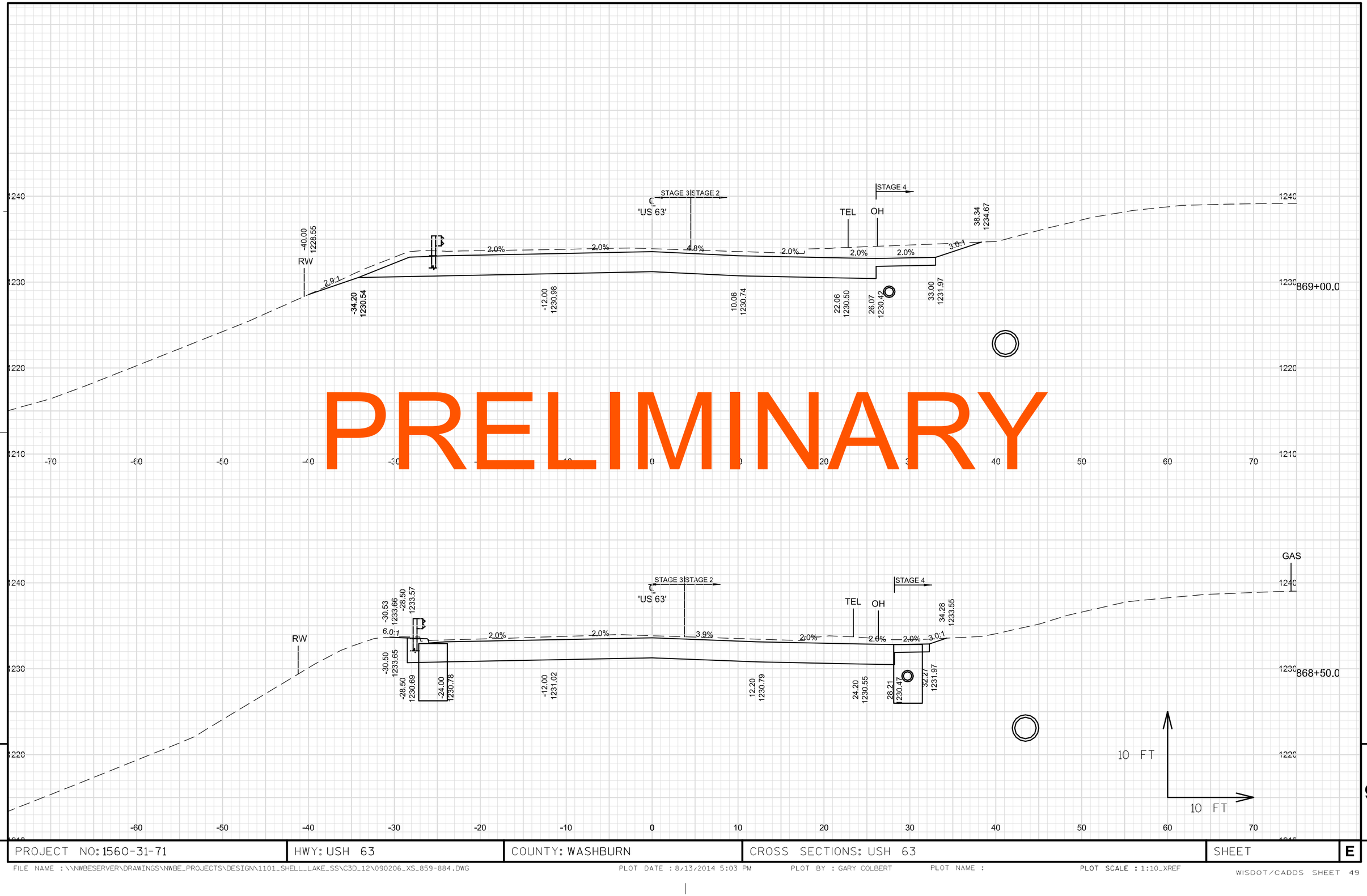

PRELIMINARY

PROJECT NO: 1560-31-71	HWY: USH 63	COUNTY: WASHBURN	CROSS SECTIONS: USH 63	SHEET	E

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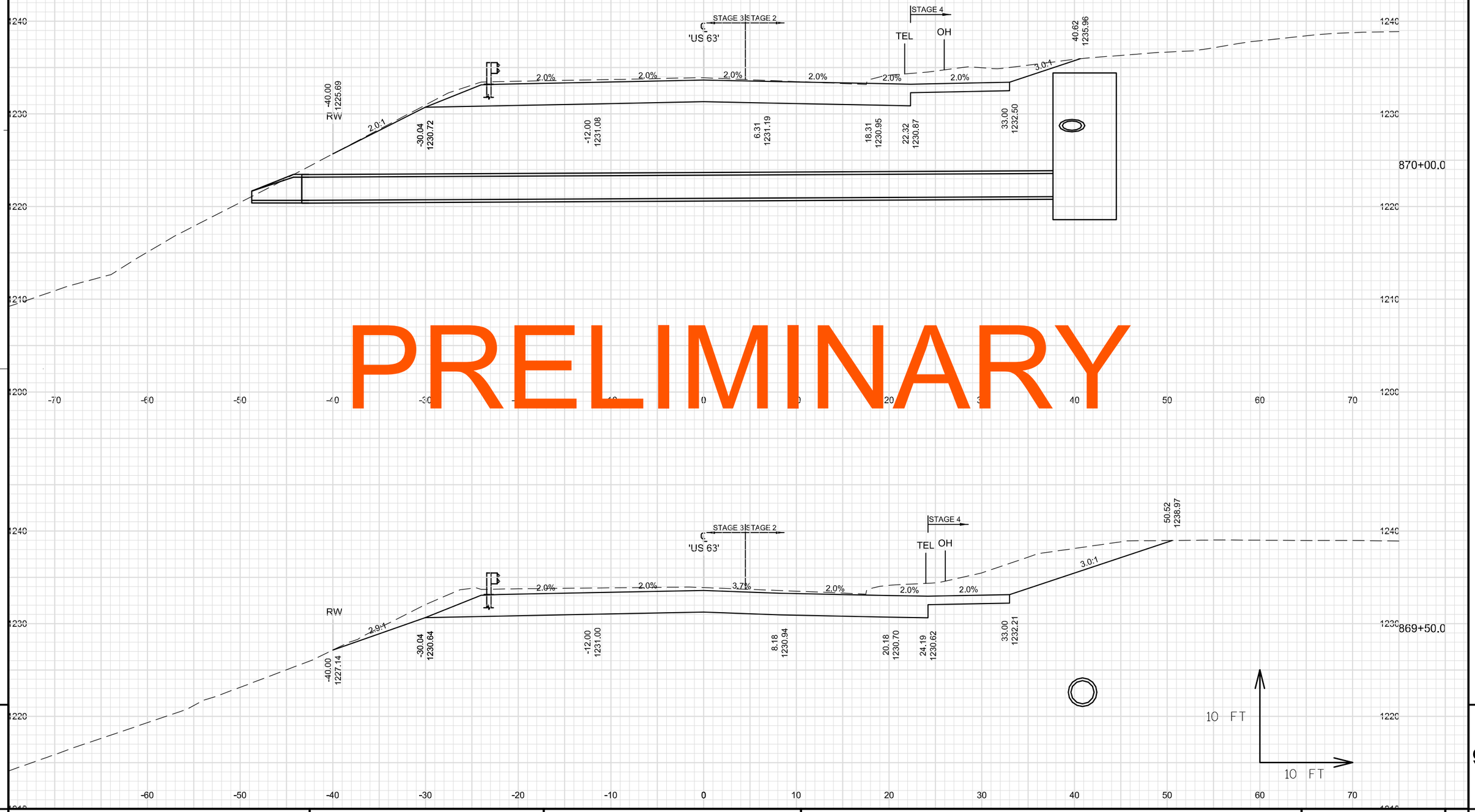
WISDOT/CADDS SHEET 49



PRELIMINARY

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PROJECT NO: 1560-31-71	HWY: USH 63	COUNTY: WASHBURN	CROSS SECTIONS: USH 63	SHEET	E

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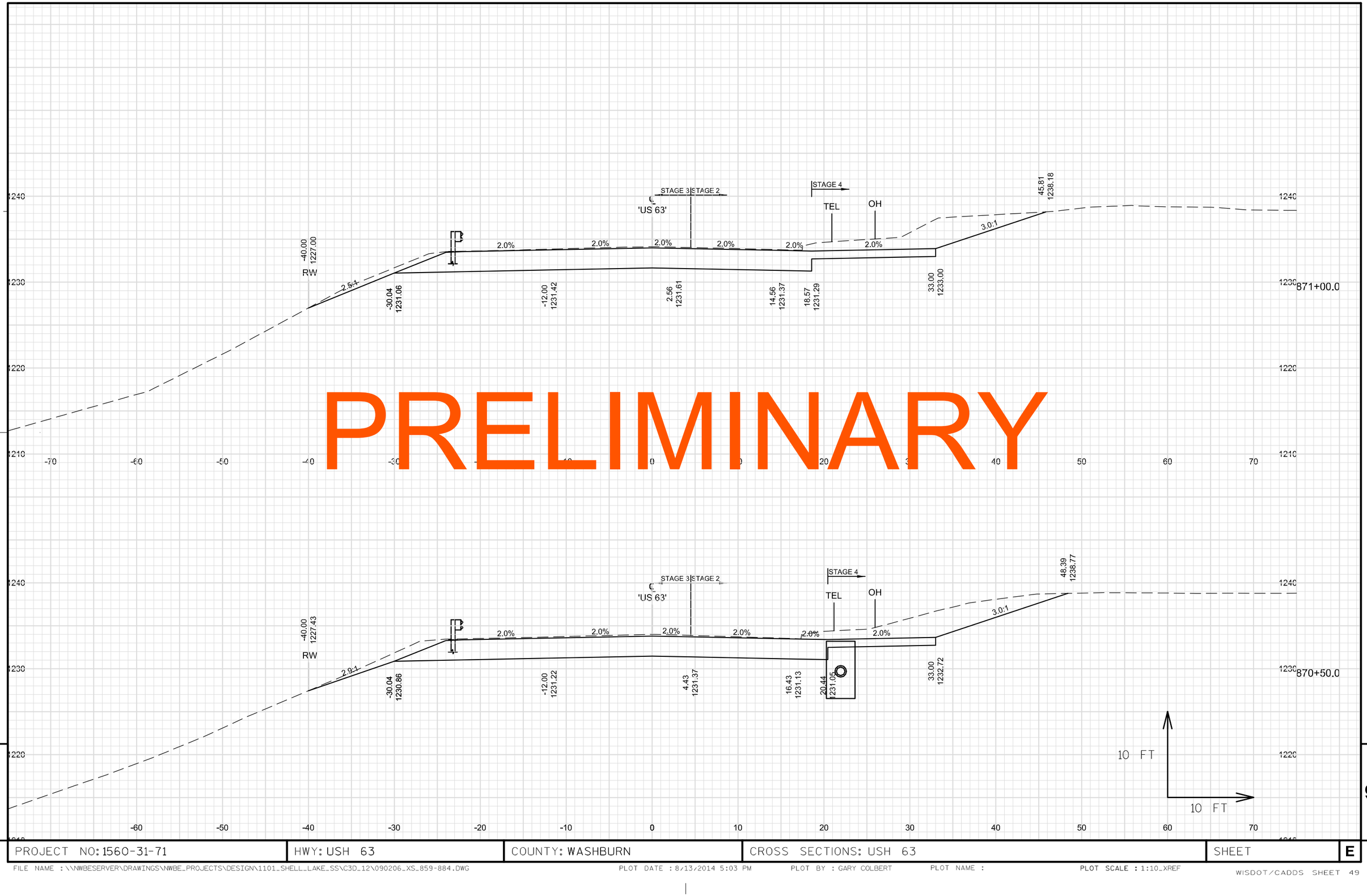

PRELIMINARY

PROJECT NO: 1560-31-71	HWY: USH 63	COUNTY: WASHBURN	CROSS SECTIONS: USH 63	SHEET	E

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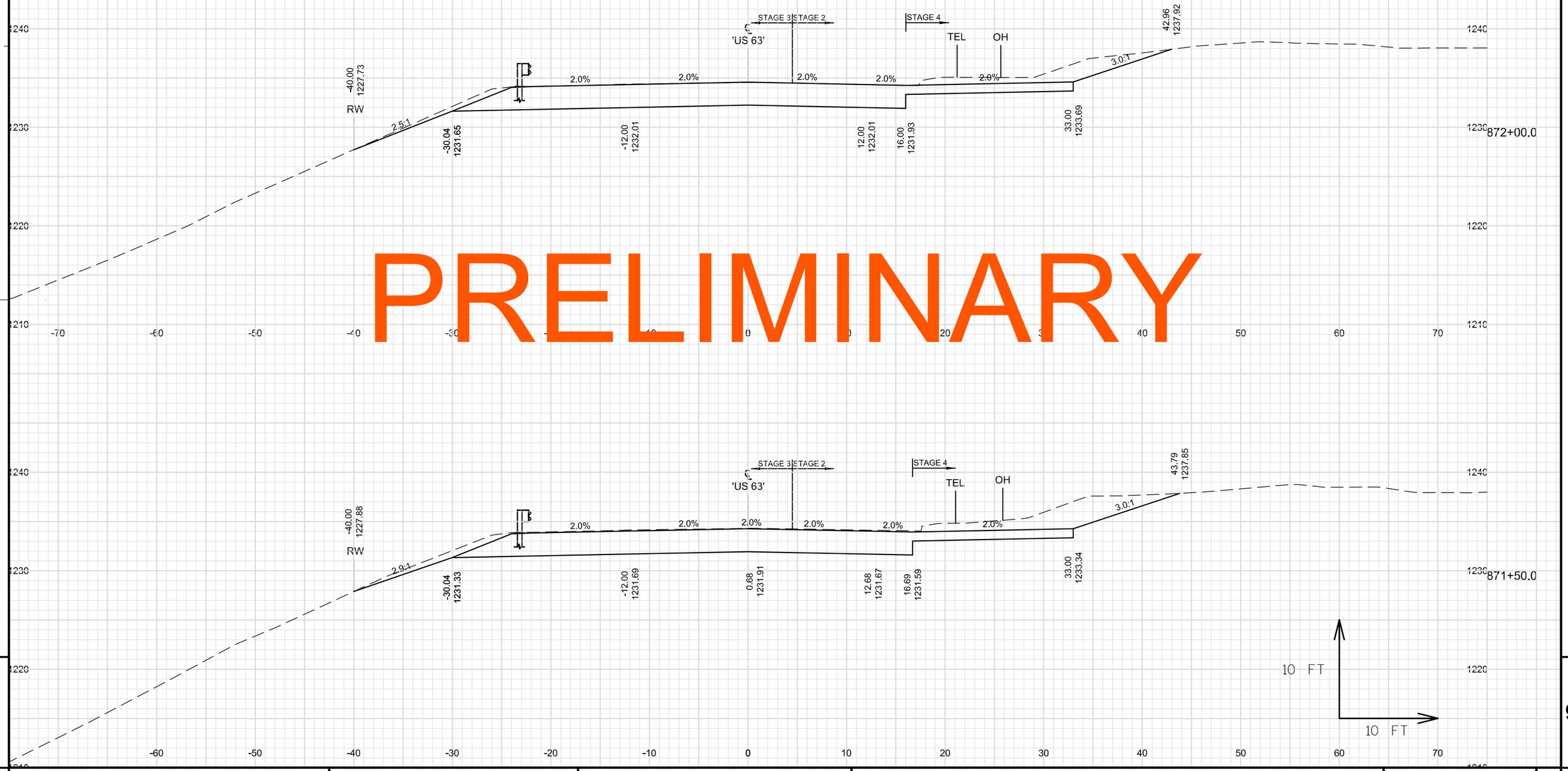

PRELIMINARY

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PROJECT NO: 1560-31-71	HWY: USH 63	COUNTY: WASHBURN	CROSS SECTIONS: USH 63	SHEET	E

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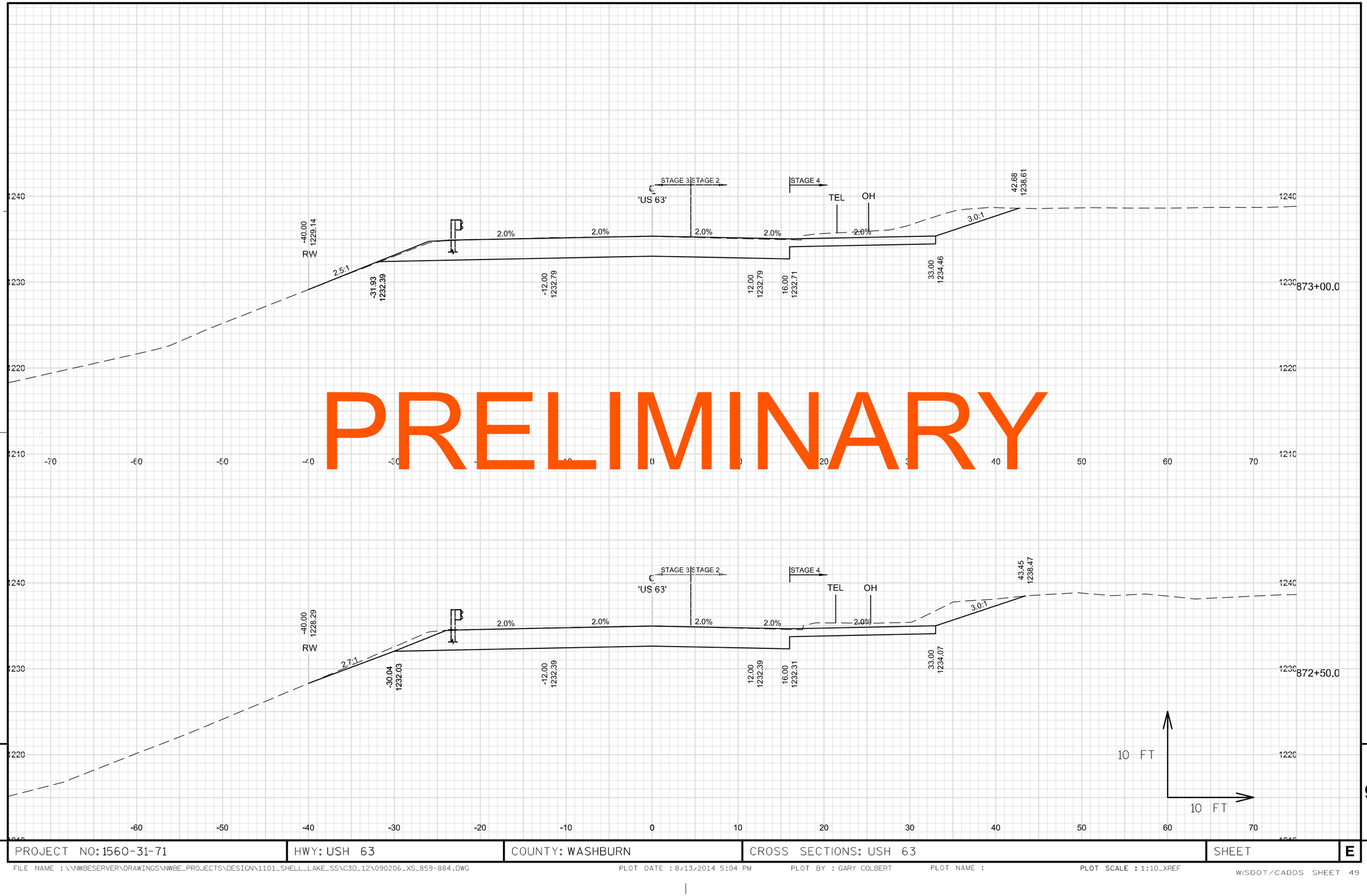
WISDOT/CADDS SHEET 49



PRELIMINARY

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PROJECT NO: 1560-31-71	HWY: USH 63	COUNTY: WASHBURN	CROSS SECTIONS: USH 63	SHEET	E

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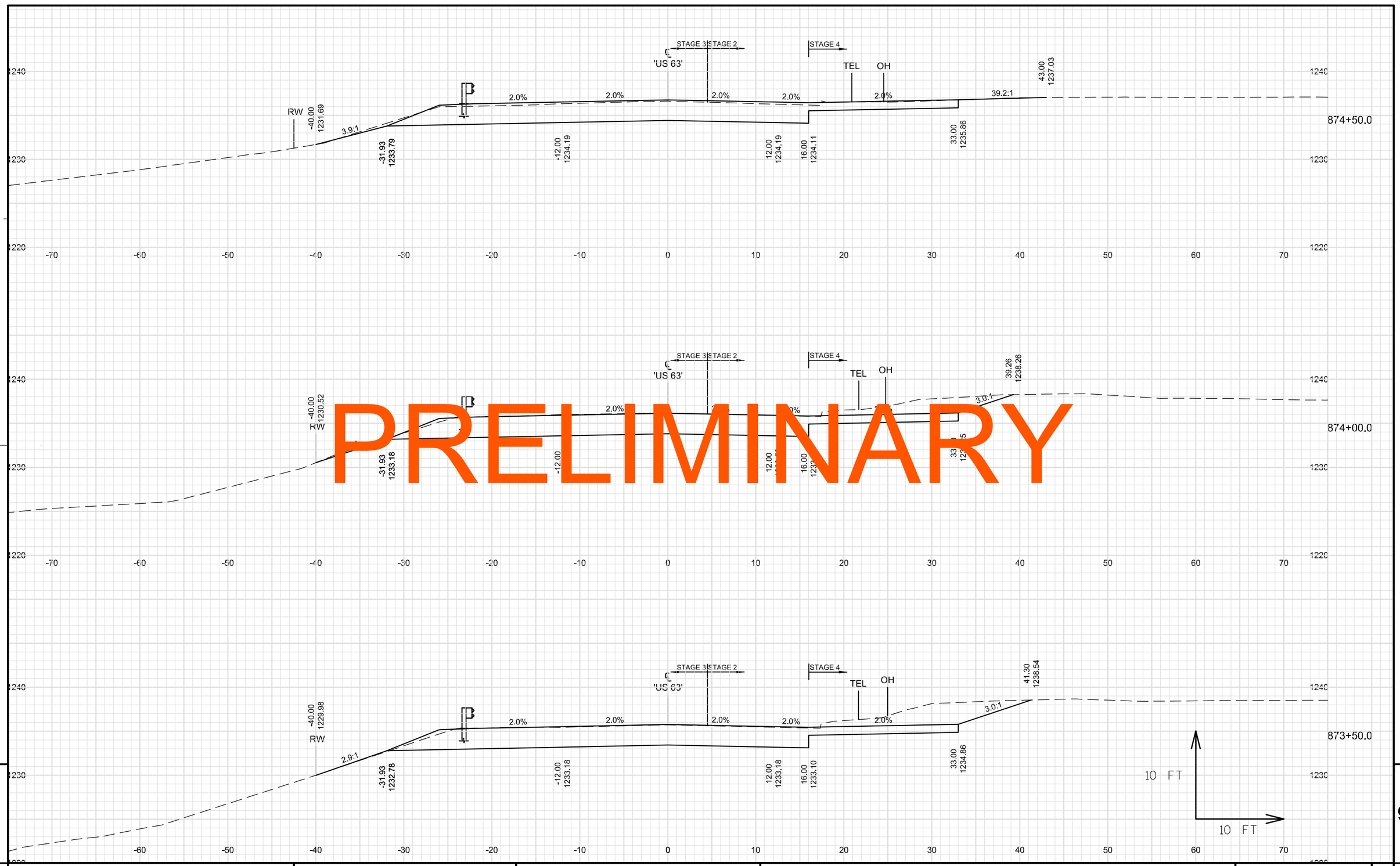

PRELIMINARY

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PROJECT NO: 1560-31-71	HWY: USH 63	COUNTY: WASHBURN	CROSS SECTIONS: USH 63	SHEET	E

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PRELIMINARY

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PROJECT NO: 1560-31-71	HWY: USH 63	COUNTY: WASHBURN	CROSS SECTIONS: USH 63	SHEET	E

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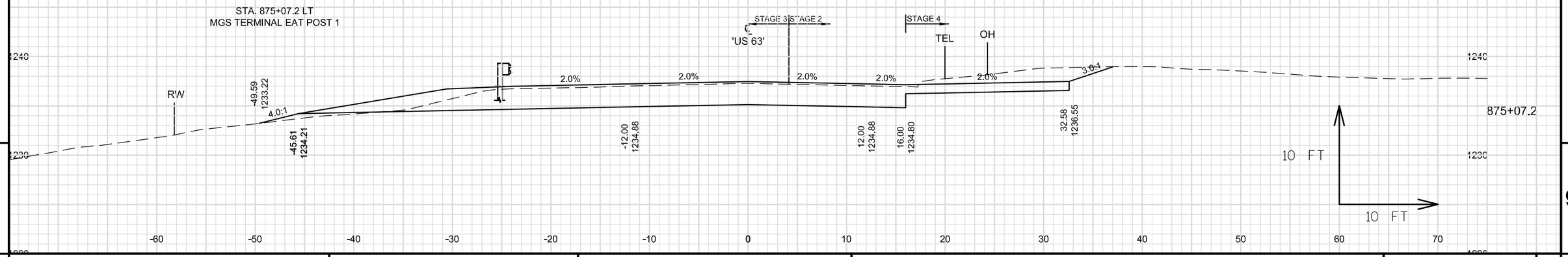

PRELIMINARY

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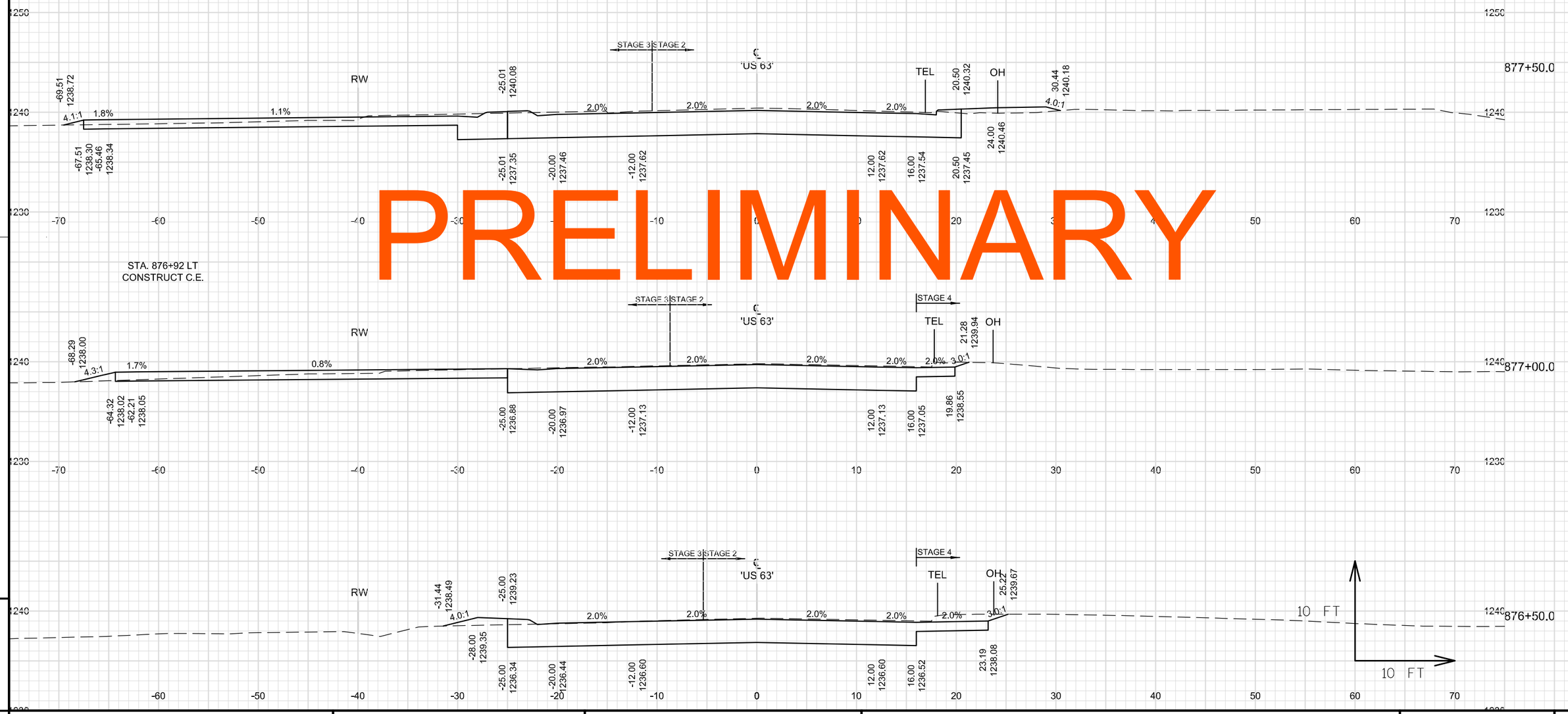
PROJECT NO: 1560-31-71	HWY: USH 63	COUNTY: WASHBURN	CROSS SECTIONS: USH 63	SHEET	E



PRELIMINARY

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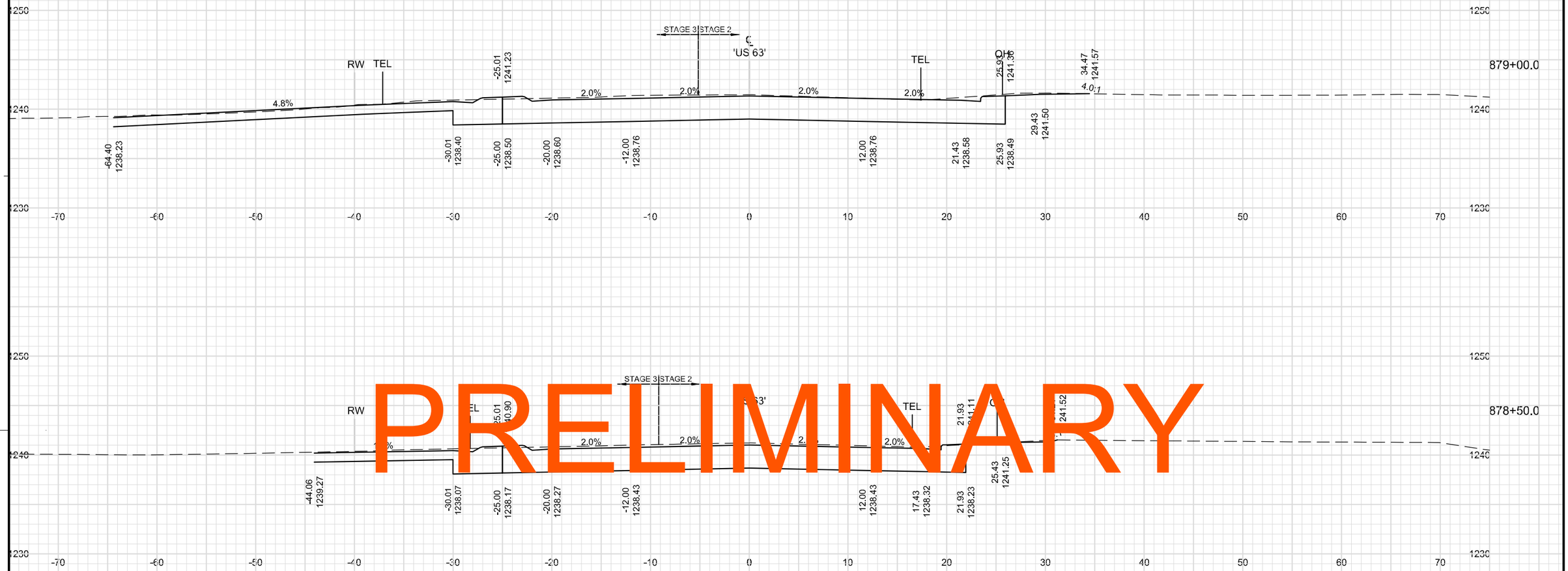
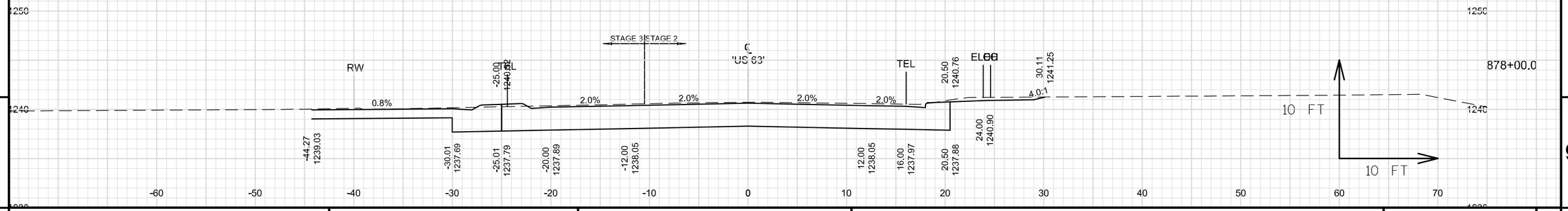
PROJECT NO: 1560-31-71	HWY: USH 63	COUNTY: WASHBURN	CROSS SECTIONS: USH 63	SHEET E





PRELIMINARY

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PROJECT NO: 1560-31-71	HWY: USH 63	COUNTY: WASHBURN	CROSS SECTIONS: USH 63	SHEET	E

FILE NAME : \\NWBESERVER\DRAWINGS\NWBE_PROJECTS\DESIGN\1101_SHELL_LAKE_SS\C3D_12\090206_XS_859-884.DWG
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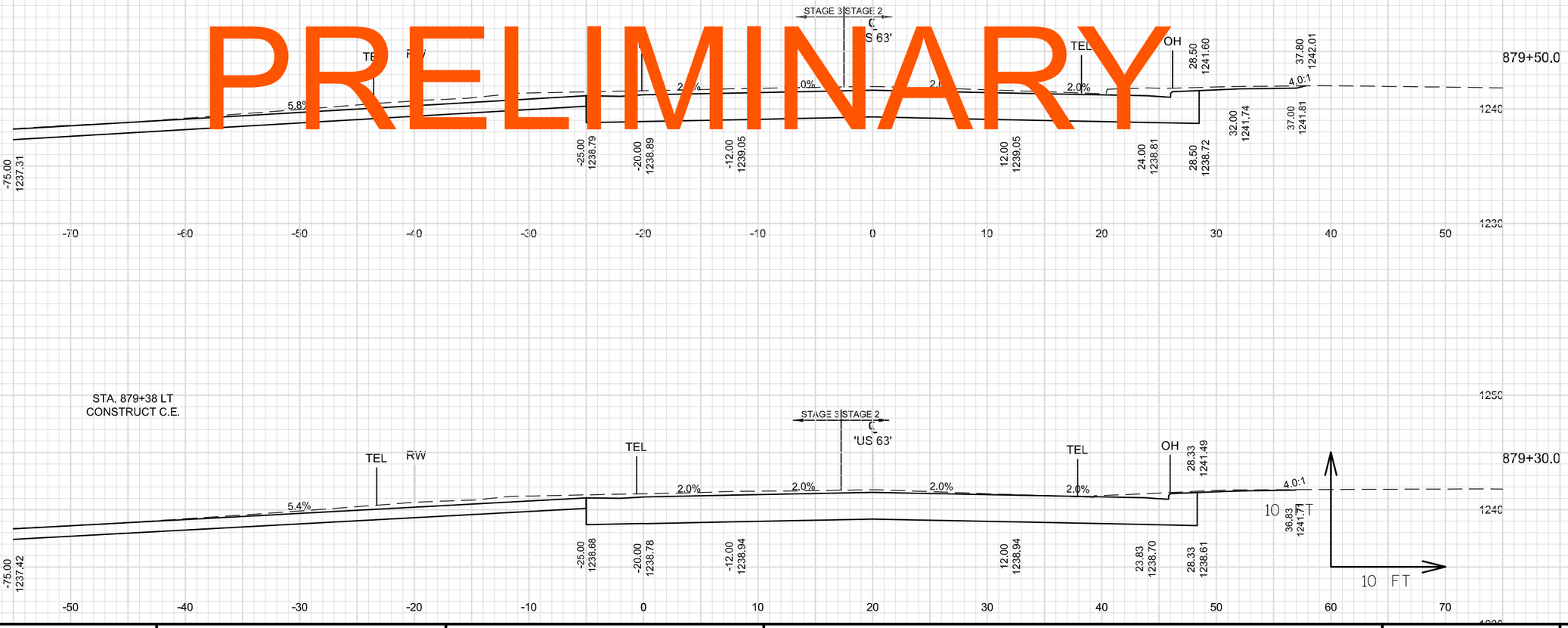
WISDOT/CADDS SHEET 49

PRELIMINARY



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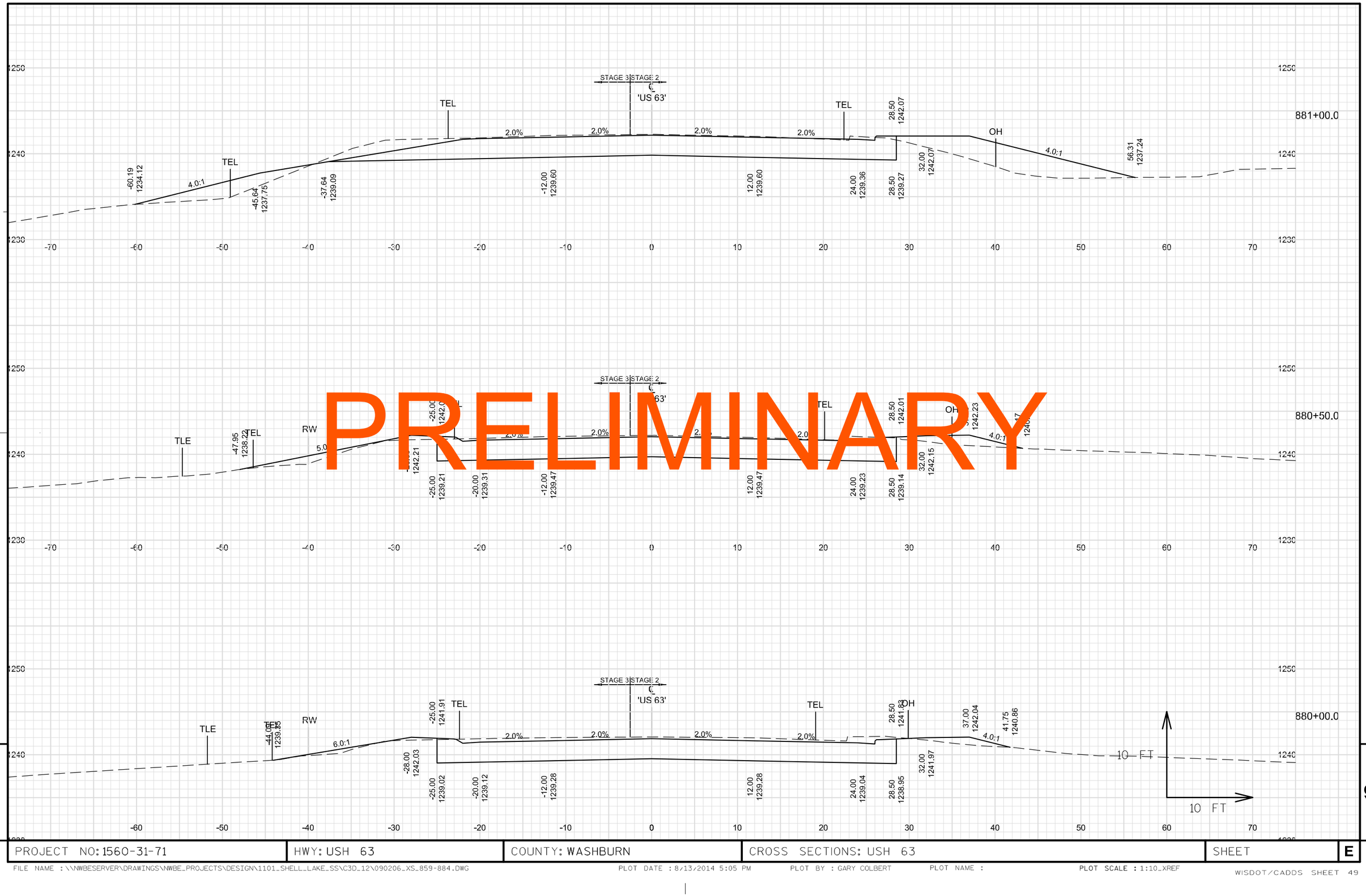

PRELIMINARY

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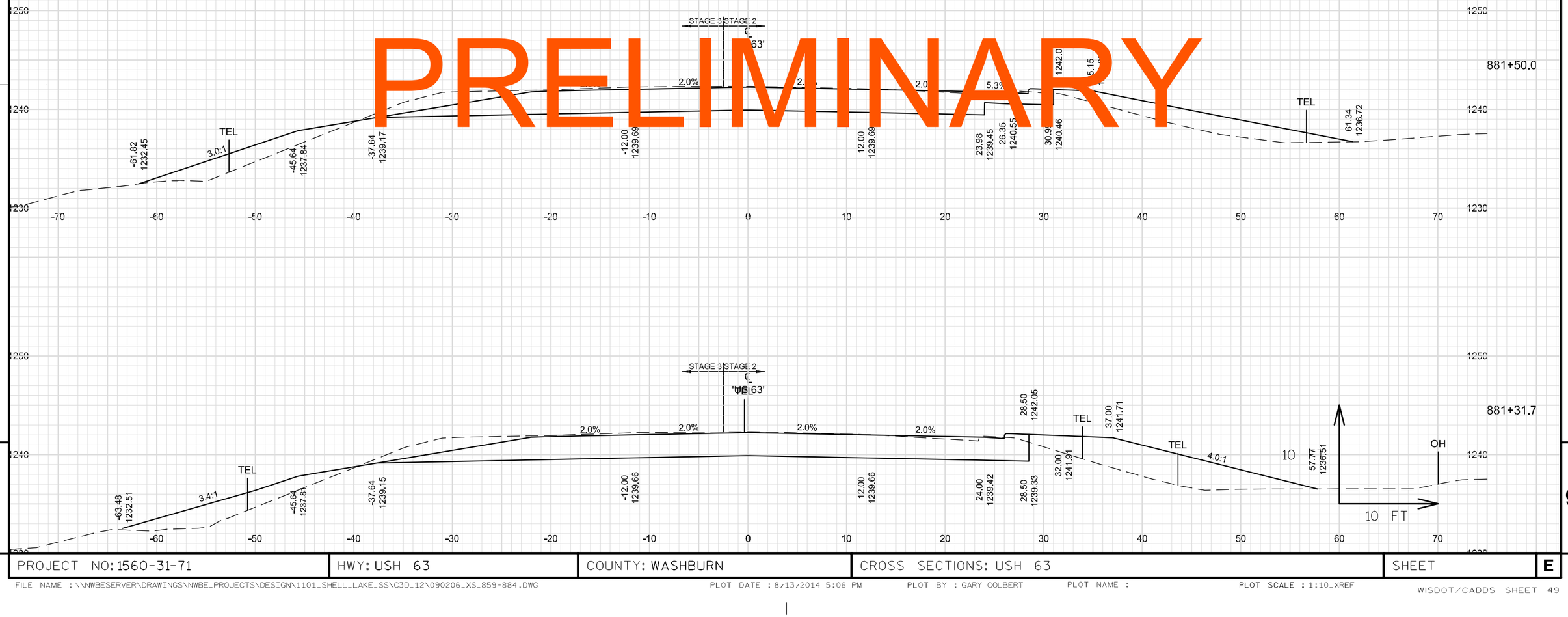
PROJECT NO: 1560-31-71	HWY: USH 63	COUNTY: WASHBURN	CROSS SECTIONS: USH 63	SHEET	E

PRELIMINARY



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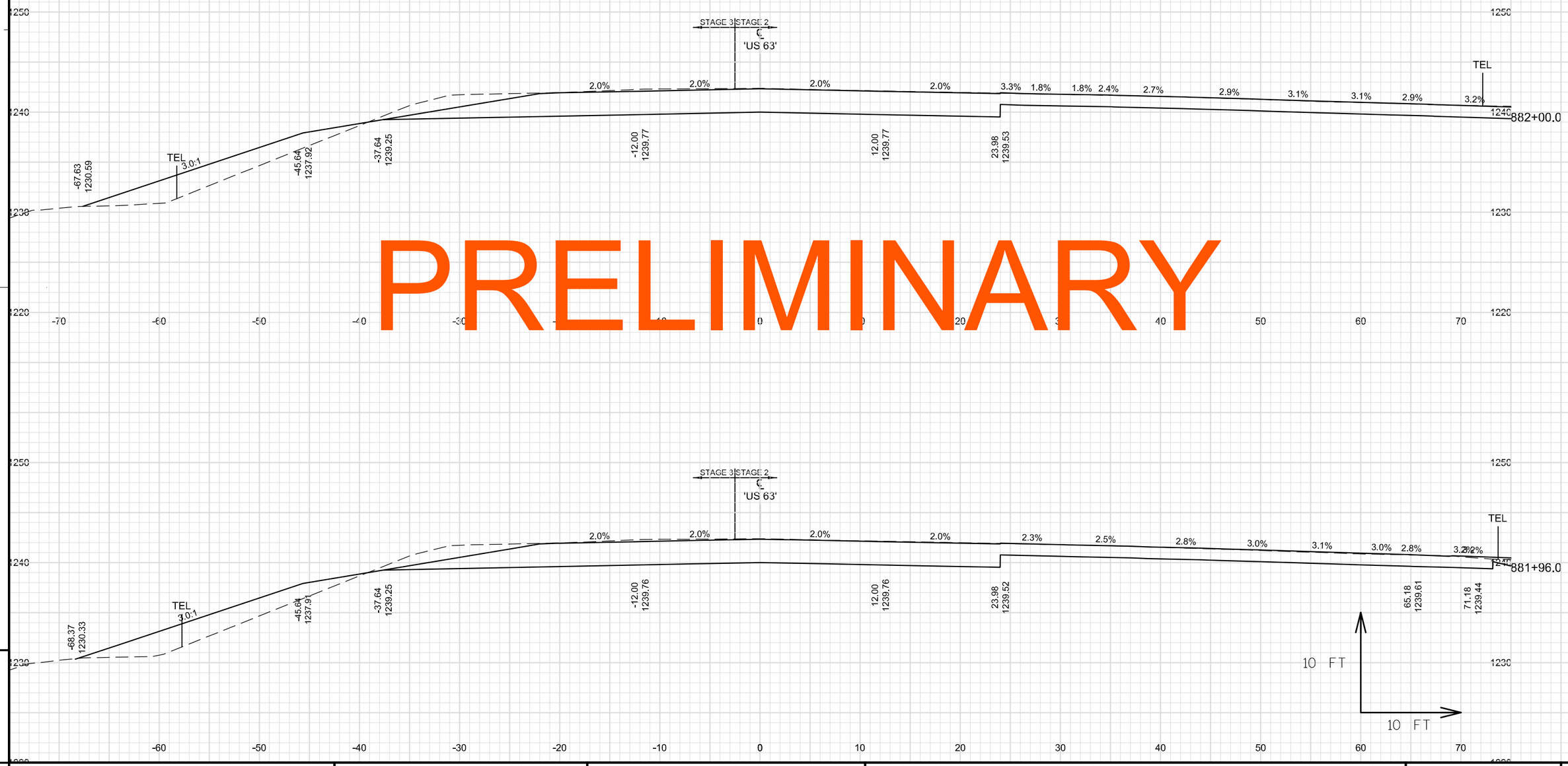
PROJECT NO: 1560-31-71	HWY: USH 63	COUNTY: WASHBURN	CROSS SECTIONS: USH 63	SHEET	E



PRELIMINARY

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PROJECT NO: 1560-31-71	HWY: USH 63	COUNTY: WASHBURN	CROSS SECTIONS: USH 63	SHEET	E

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PLOT NAME :
PLOT SCALE : 1:10_XREF
WISDOT/CADDS SHEET 49

PRELIMINARY

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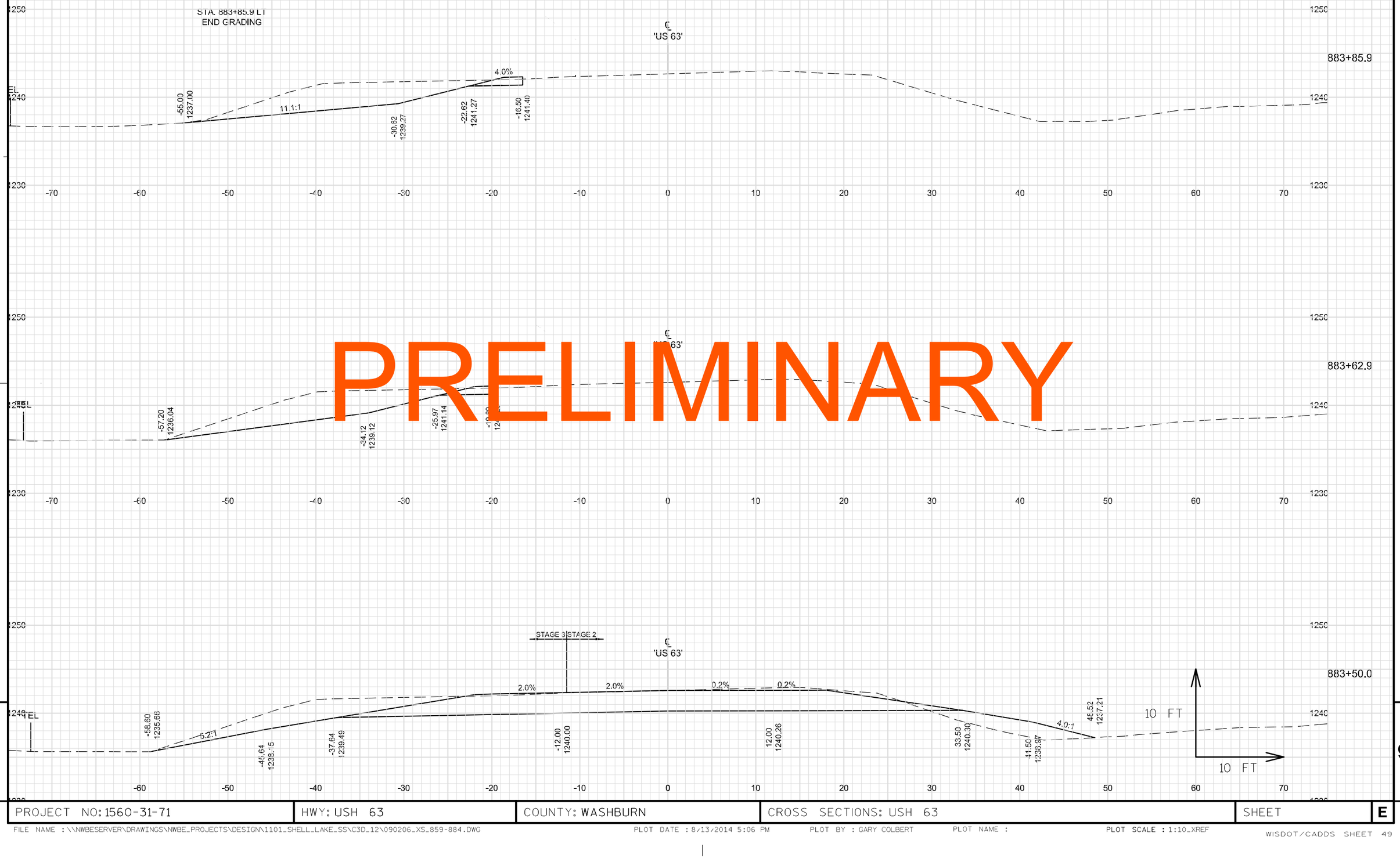
PROJECT NO: 1560-31-71	HWY: USH 63	COUNTY: WASHBURN	CROSS SECTIONS: USH 63	SHEET	E

FILE NAME : \\NWBESERVER\DRAWINGS\NWBE_PROJECTS\DESIGN\1101_SHELL_LAKE_SS\C3D_12\090206_XS_859-884.DWG
PLOT DATE : 8/13/2014 5:06 PM
PLOT BY : GARY COLBERT
PLOT NAME :
PLOT SCALE : 1:10_XREF
WISDOT/CADDS SHEET 49



PRELIMINARY

PROJECT NO: 1560-31-71	HWY: USH 63	COUNTY: WASHBURN	CROSS SECTIONS: USH 63	SHEET	E

PRELIMINARY

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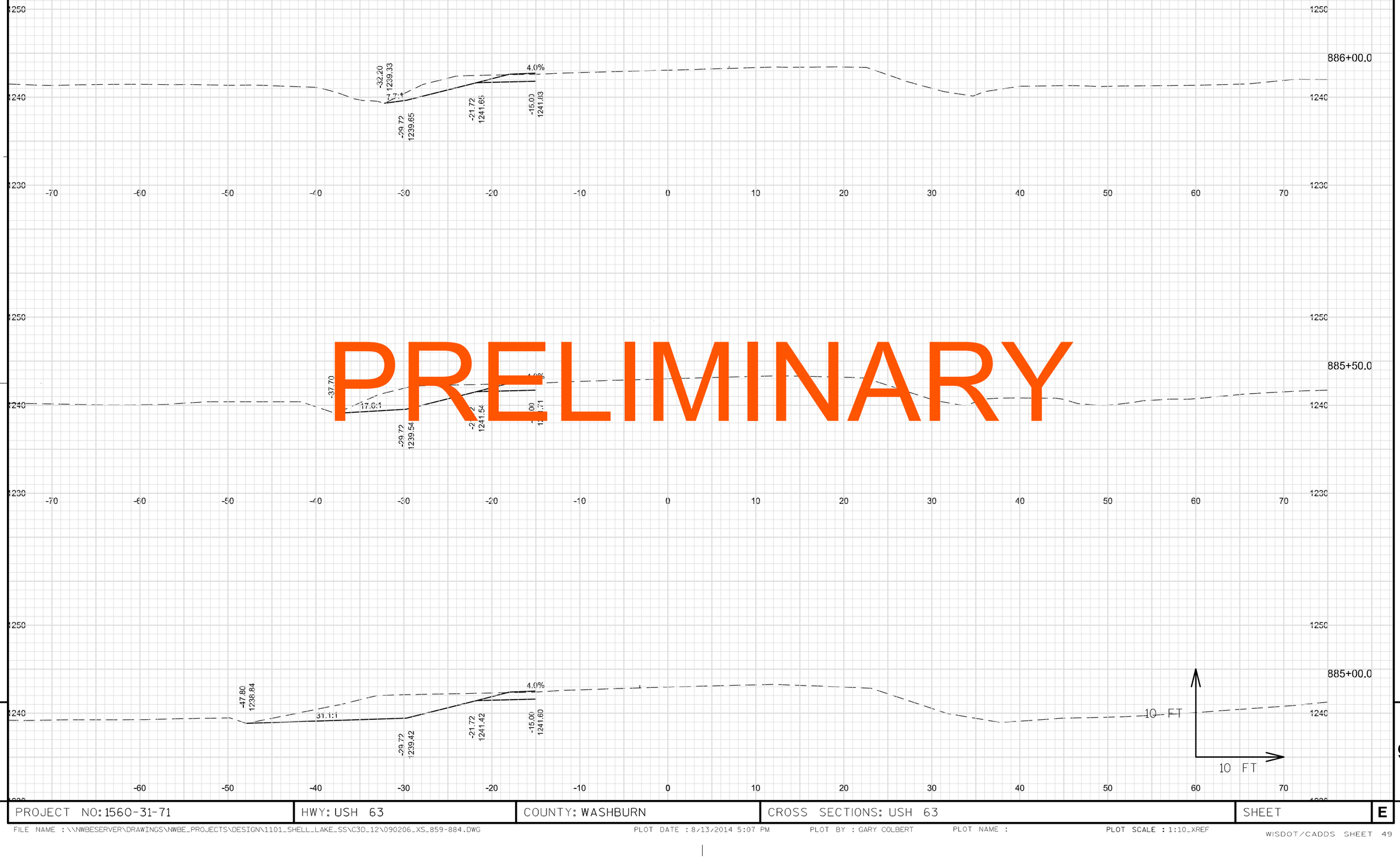
PROJECT NO: 1560-31-71	HWY: USH 63	COUNTY: WASHBURN	CROSS SECTIONS: USH 63	SHEET	E

PRELIMINARY

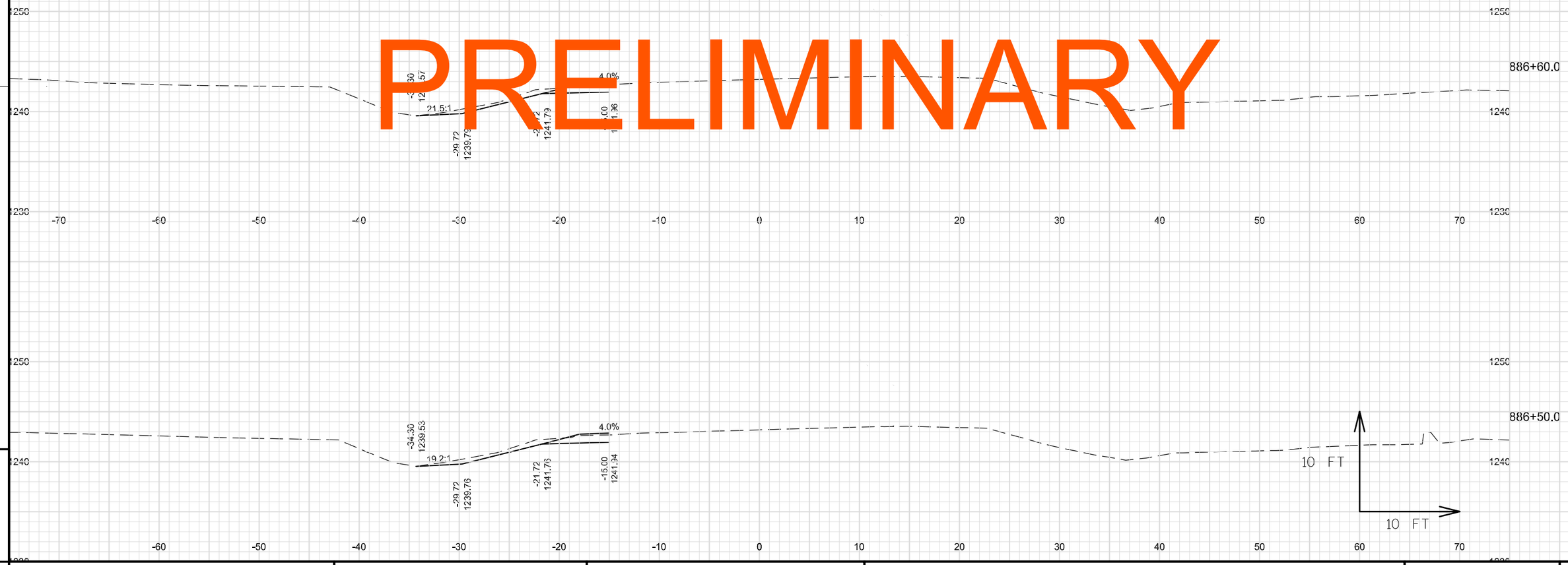


PROJECT NO: 1560-31-71	HWY: USH 63	COUNTY: WASHBURN	CROSS SECTIONS: USH 63	SHEET	E

FILE NAME : \\NWBESERVER\DRAWINGS\NWBE_PROJECTS\DESIGN\1101_SHELL_LAKE_SS\C3D_12\090206_XS_859-884.DWG PLOT DATE : 8/13/2014 5:07 PM PLOT BY : GARY COLBERT PLOT NAME : PLOT SCALE : 1:10_XREF

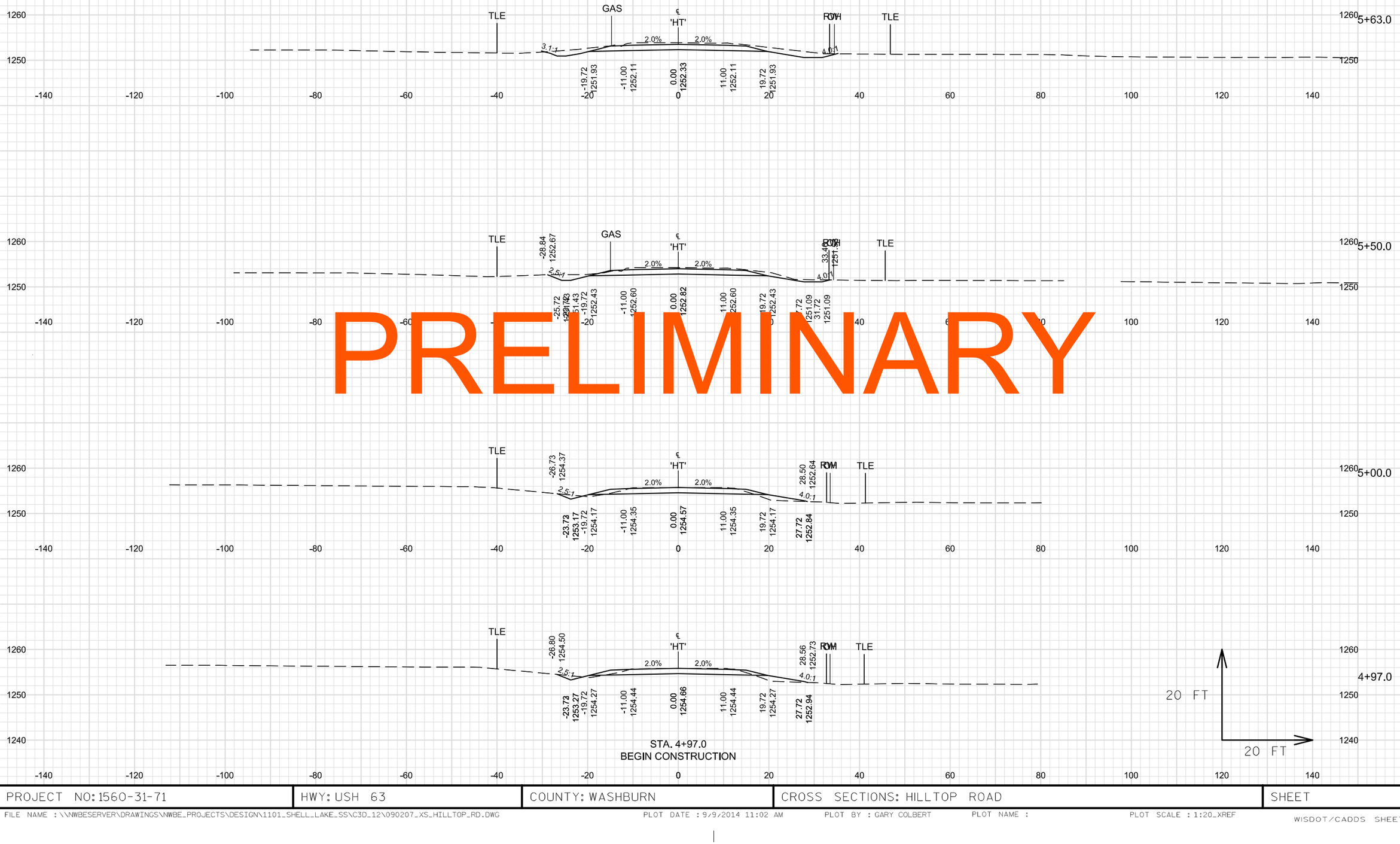
STA. 886+60.0
END CONSTRUCTION

PRELIMINARY



PROJECT NO: 1560-31-71	HWY: USH 63	COUNTY: WASHBURN	CROSS SECTIONS: USH 63	SHEET	E

FILE NAME : \\NWBESERVER\DRAWINGS\NWBE_PROJECTS\DESIGN\1101_SHELL_LAKE_SS\C3D_12\090206_XS_859-884.DWG PLOT DATE : 8/13/2014 5:07 PM PLOT BY : GARY COLBERT PLOT NAME : PLOT SCALE : 1:10_XREF

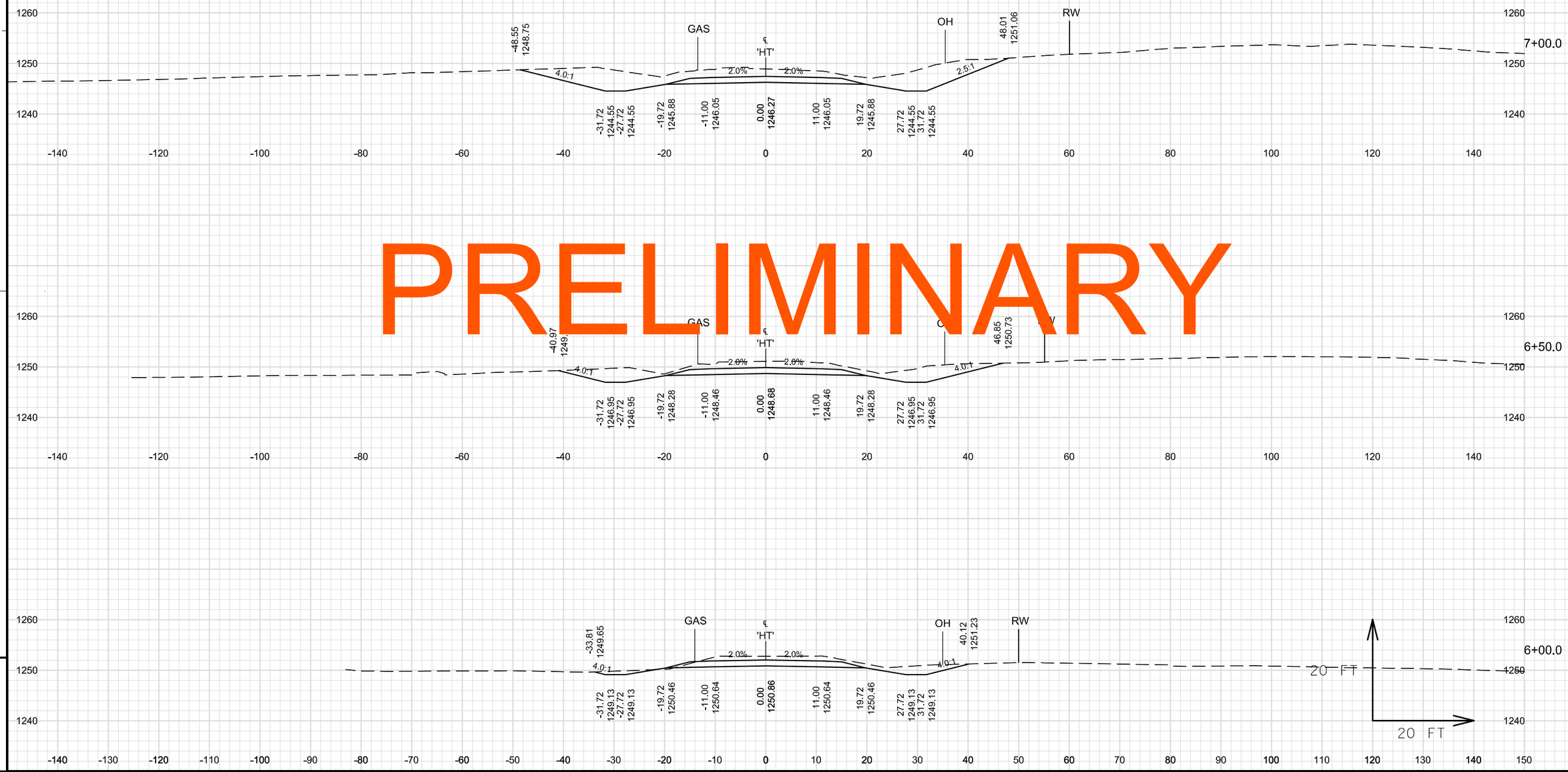


PRELIMINARY

9 9

PROJECT NO: 1560-31-71	HWY: USH 63	COUNTY: WASHBURN	CROSS SECTIONS: HILLTOP ROAD	SHEET	E

FILE NAME : \\NWBESERVER\DRAWINGS\NWBE_PROJECTS\DESIGN\1101_SHELL_LAKE_SS\C3D_12\090207_XS_HILLTOP_RD.DWG PLOT DATE : 9/9/2014 11:02 AM PLOT BY : GARY COLBERT PLOT NAME : PLOT SCALE : 1:20_XREF
WISDOT/CADDS SHEET 49



PRELIMINARY

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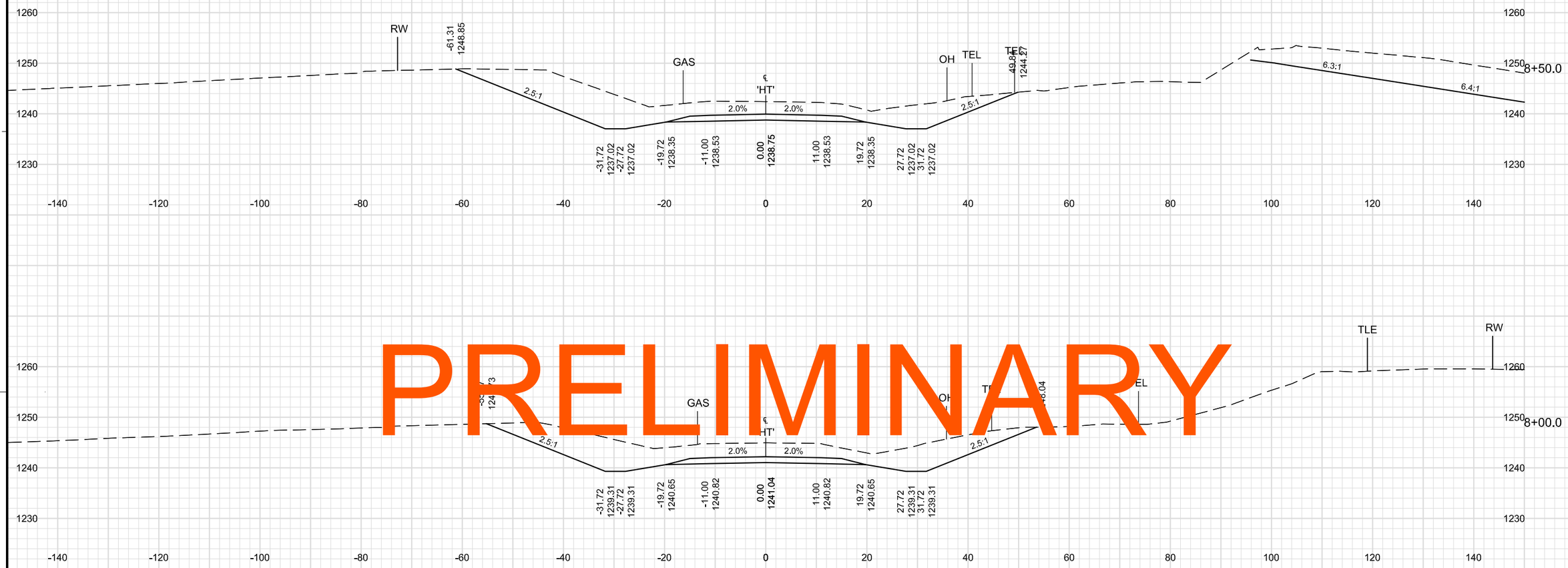
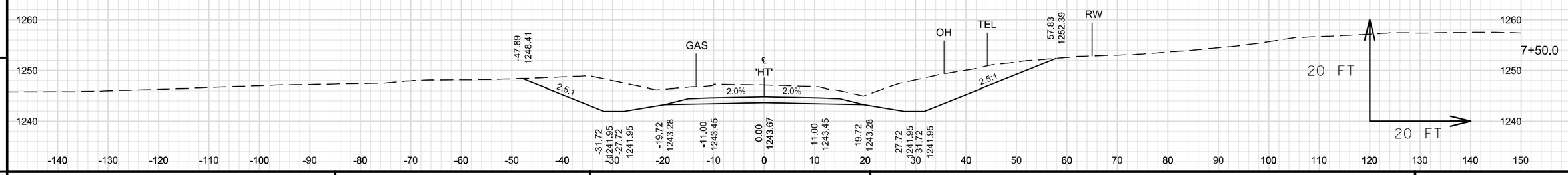
PROJECT NO: 1560-31-71	HWY: USH 63	COUNTY: WASHBURN	CROSS SECTIONS: HILLTOP ROAD	SHEET	E



PRELIMINARY



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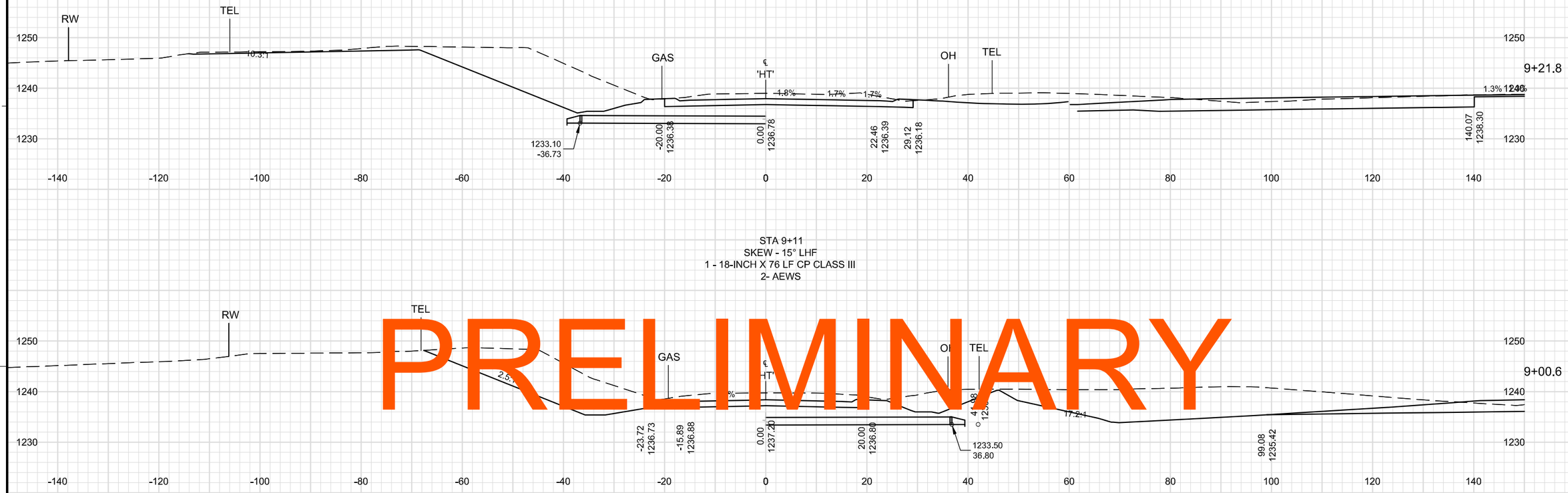
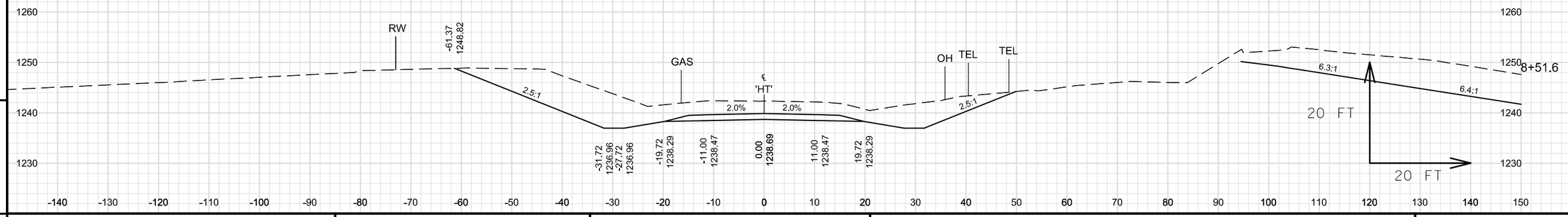
PROJECT NO: 1560-31-71	HWY: USH 63	COUNTY: WASHBURN	CROSS SECTIONS: HILLTOP ROAD	SHEET E

FILE NAME : \\NWBESERVER\DRAWINGS\NWBE_PROJECTS\DESIGN\1101_SHELL_LAKE_SS\C3D_12\090207_XS_HILLTOP_RD.DWG PLOT DATE : 9/9/2014 11:03 AM PLOT BY : GARY COLBERT PLOT NAME : PLOT SCALE : 1:20_XREF



STA 9+11
SKEW - 15° LHF
1 - 18-INCH X 76 LF CP CLASS III
2- AEWS

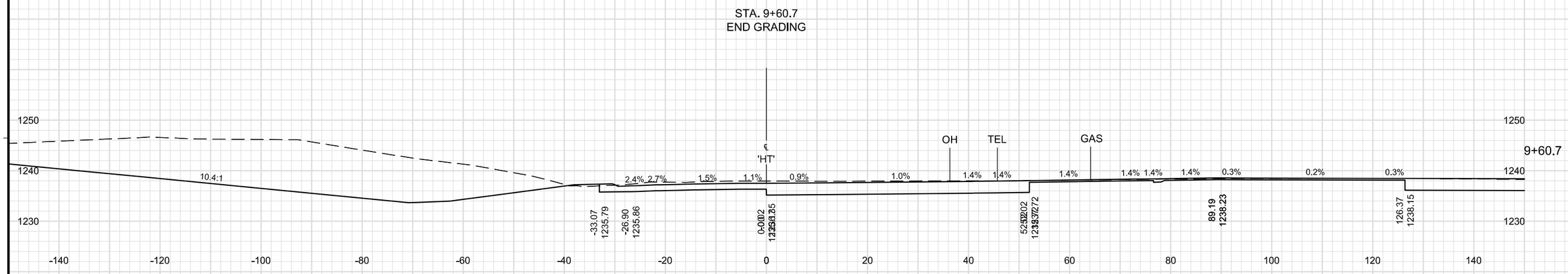
PRELIMINARY

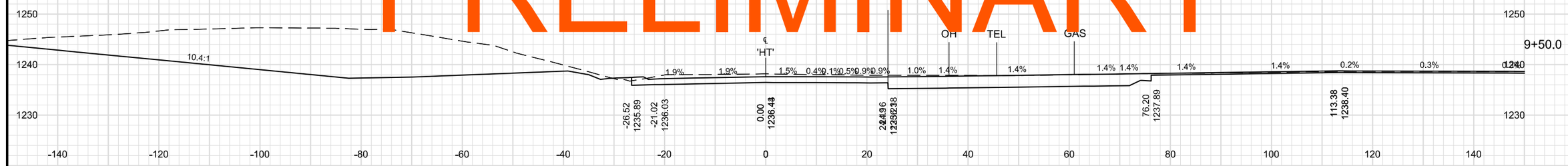


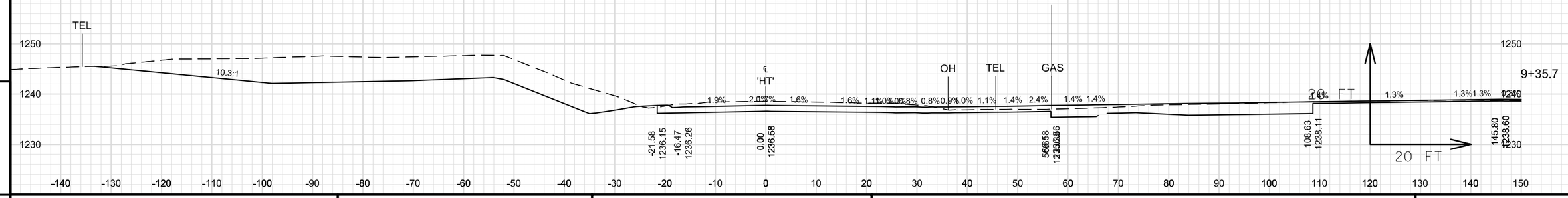
PROJECT NO: 1560-31-71	HWY: USH 63	COUNTY: WASHBURN	CROSS SECTIONS: HILLTOP ROAD	SHEET E

FILE NAME : \\NWBESERVER\DRAWINGS\NWBE_PROJECTS\DESIGN\1101_SHELL_LAKE_SS\C3D_12\090207_XS_HILLTOP_RD.DWG PLOT DATE : 9/9/2014 11:03 AM PLOT BY : GARY COLBERT PLOT NAME : PLOT SCALE : 1:20_XREF

PRELIMINARY



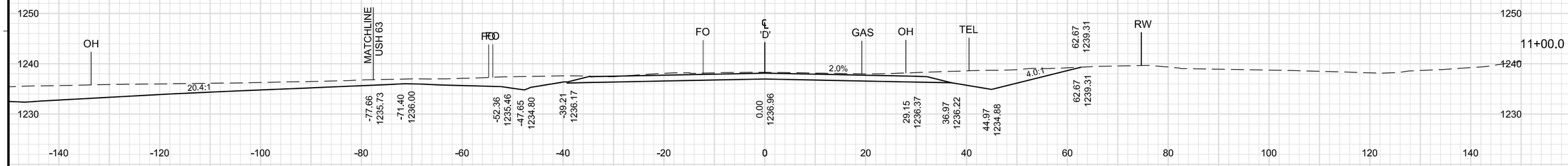


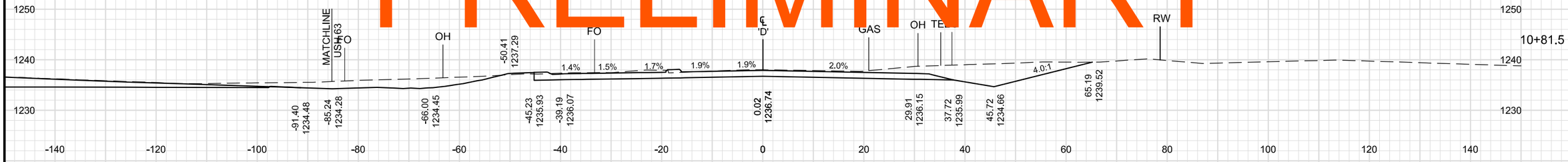


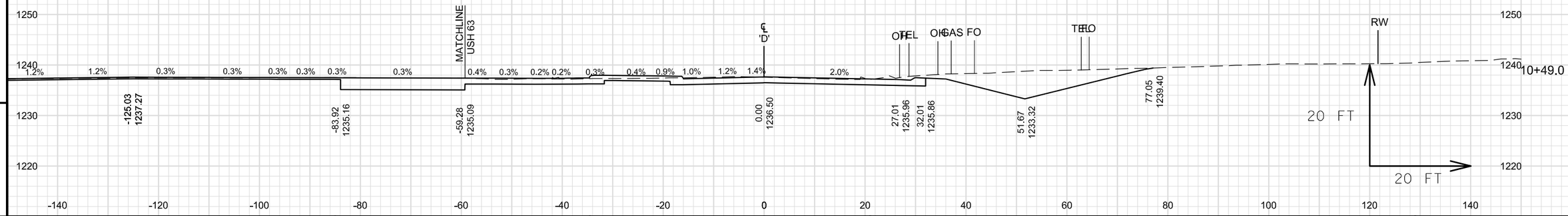
PROJECT NO: 1560-31-71	HWY: USH 63	COUNTY: WASHBURN	CROSS SECTIONS: HILLTOP ROAD	SHEET	E

FILE NAME : \\NWBESERVER\DRAWINGS\NWBE_PROJECTS\DESIGN\1101_SHELL_LAKE_SS\C3D_12\090207_XS_HILLTOP_RD.DWG PLOT DATE : 9/9/2014 11:03 AM PLOT BY : GARY COLBERT PLOT NAME : PLOT SCALE : 1:20_XREF

PRELIMINARY







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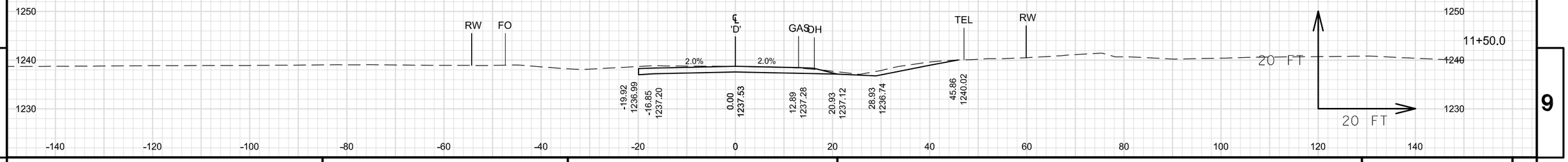
PROJECT NO: 1560-31-71	HWY: USH 63	COUNTY: WASHBURN	CROSS SECTIONS: CTH D	SHEET	E

PRELIMINARY

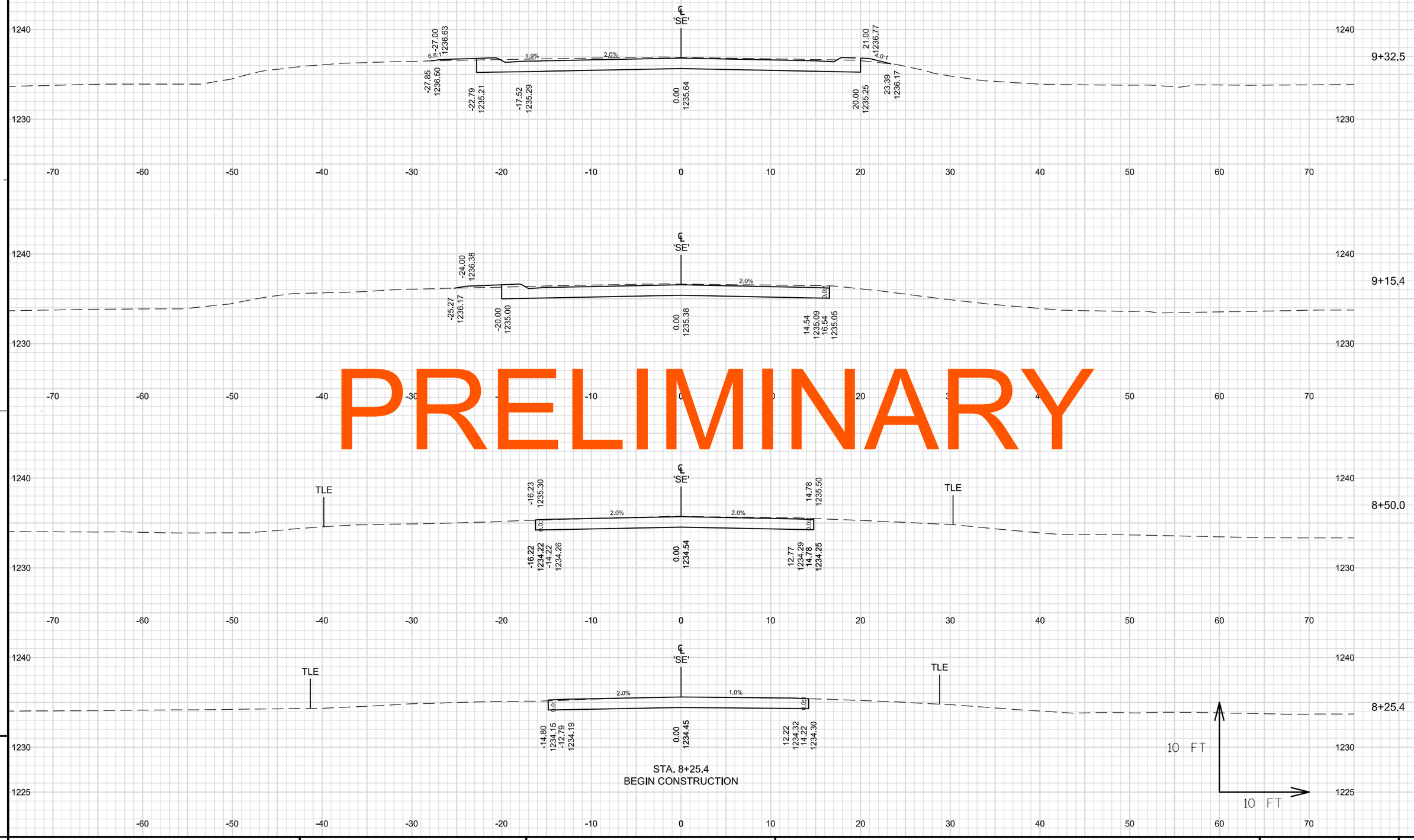
STA. 11+54.2
END CONSTRUCTION



9 9

PROJECT NO: 1560-31-71	HWY: USH 63	COUNTY: WASHBURN	CROSS SECTIONS: CTH D	SHEET	E

FILE NAME : \\NWBESERVER\DRAWINGS\NWBE_PROJECTS\DESIGN\1101_SHELL_LAKE_SS\C3D_12\090208_XS_CTH_D.DWG PLOT DATE : 9/9/2014 12:49 PM PLOT BY : GARY COLBERT PLOT NAME : PLOT SCALE : 1:20_XREF
WISDOT/CADDS SHEET 49



PRELIMINARY

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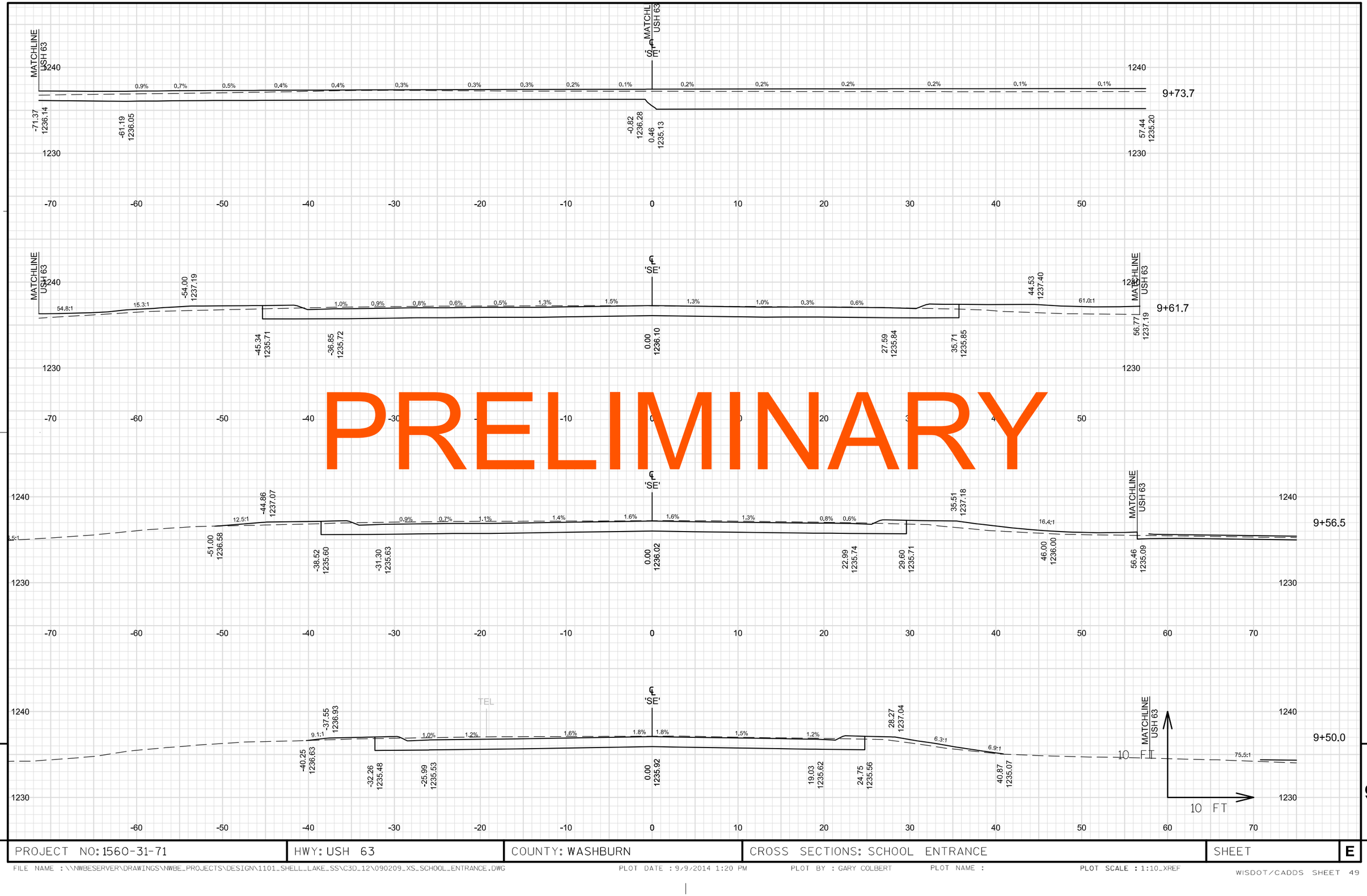
9

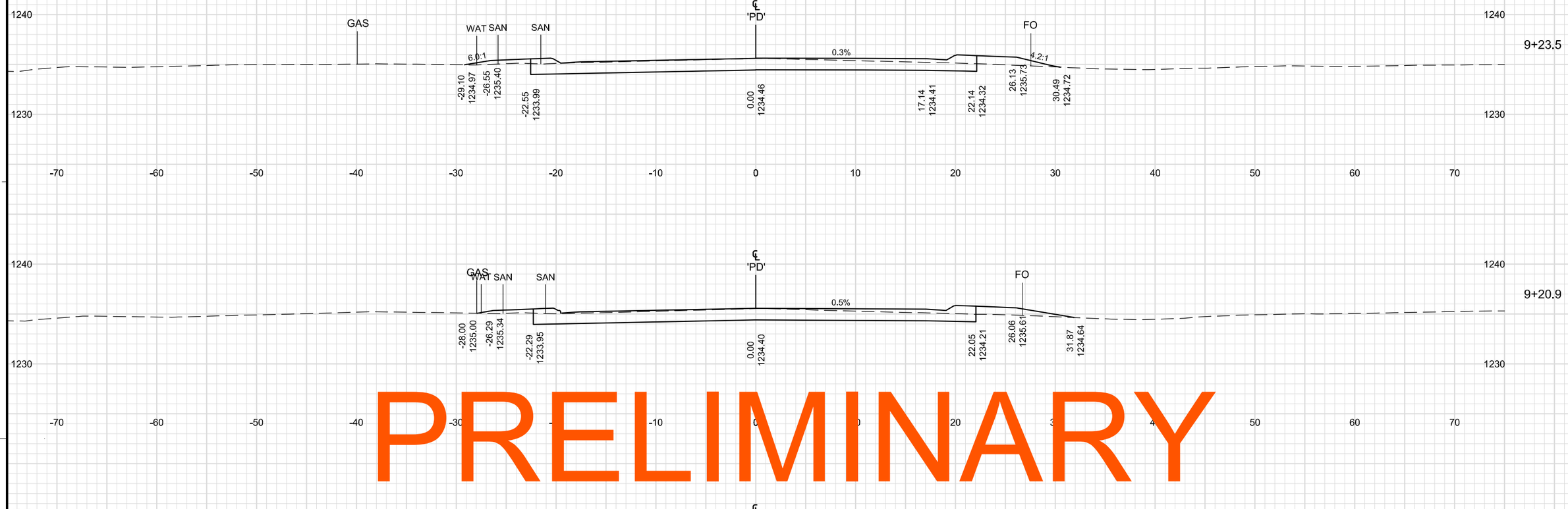
PROJECT NO: 1560-31-71	HWY: USH 63	COUNTY: WASHBURN	CROSS SECTIONS: SCHOOL ENTRANCE	SHEET	E



PRELIMINARY

9 9

PROJECT NO: 1560-31-71	HWY: USH 63	COUNTY: WASHBURN	CROSS SECTIONS: SCHOOL ENTRANCE	SHEET	E



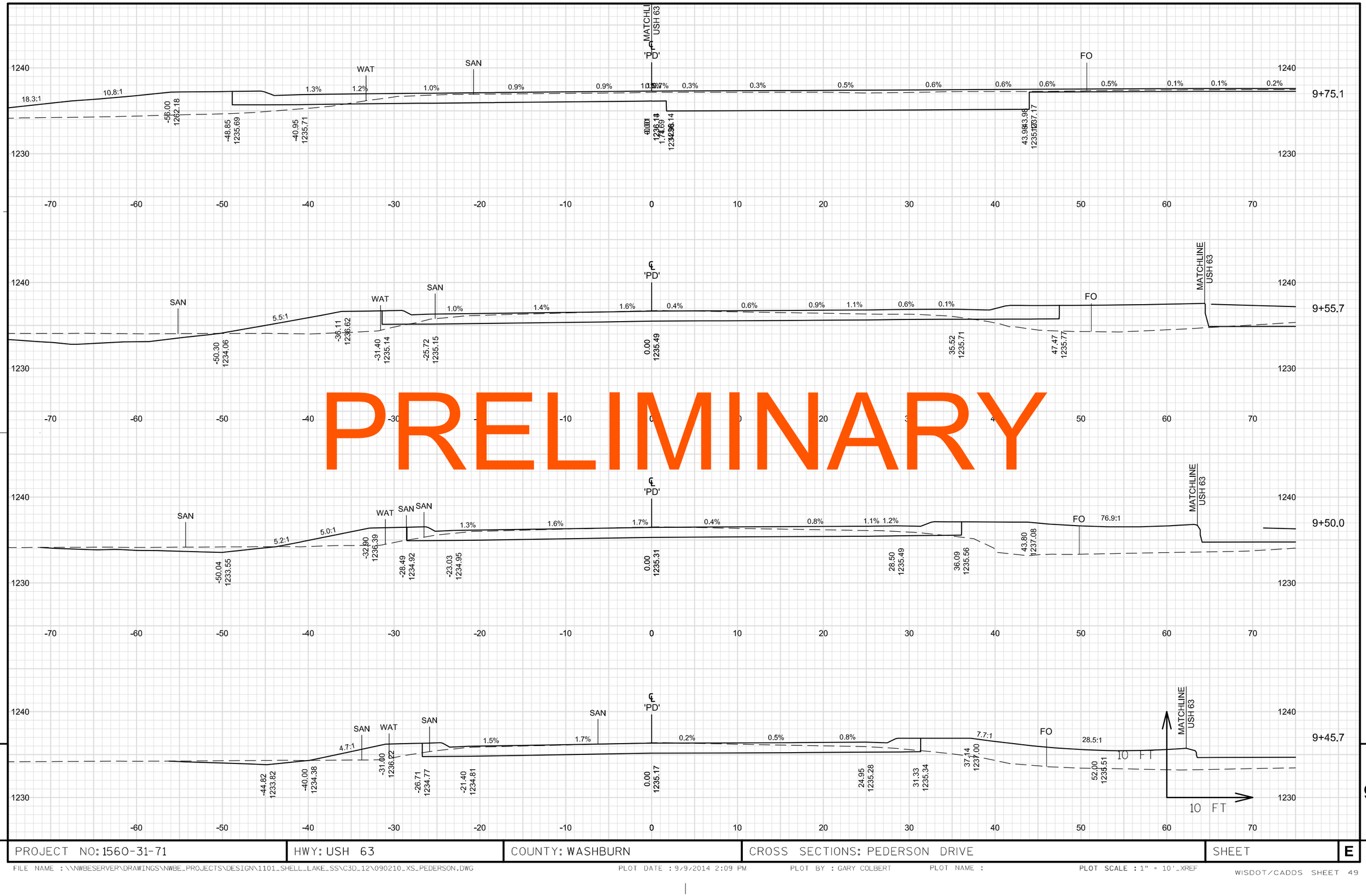
PRELIMINARY

9

9

PROJECT NO: 1560-31-71	HWY: USH 63	COUNTY: WASHBURN	CROSS SECTIONS: PEDERSON DRIVE	SHEET	E

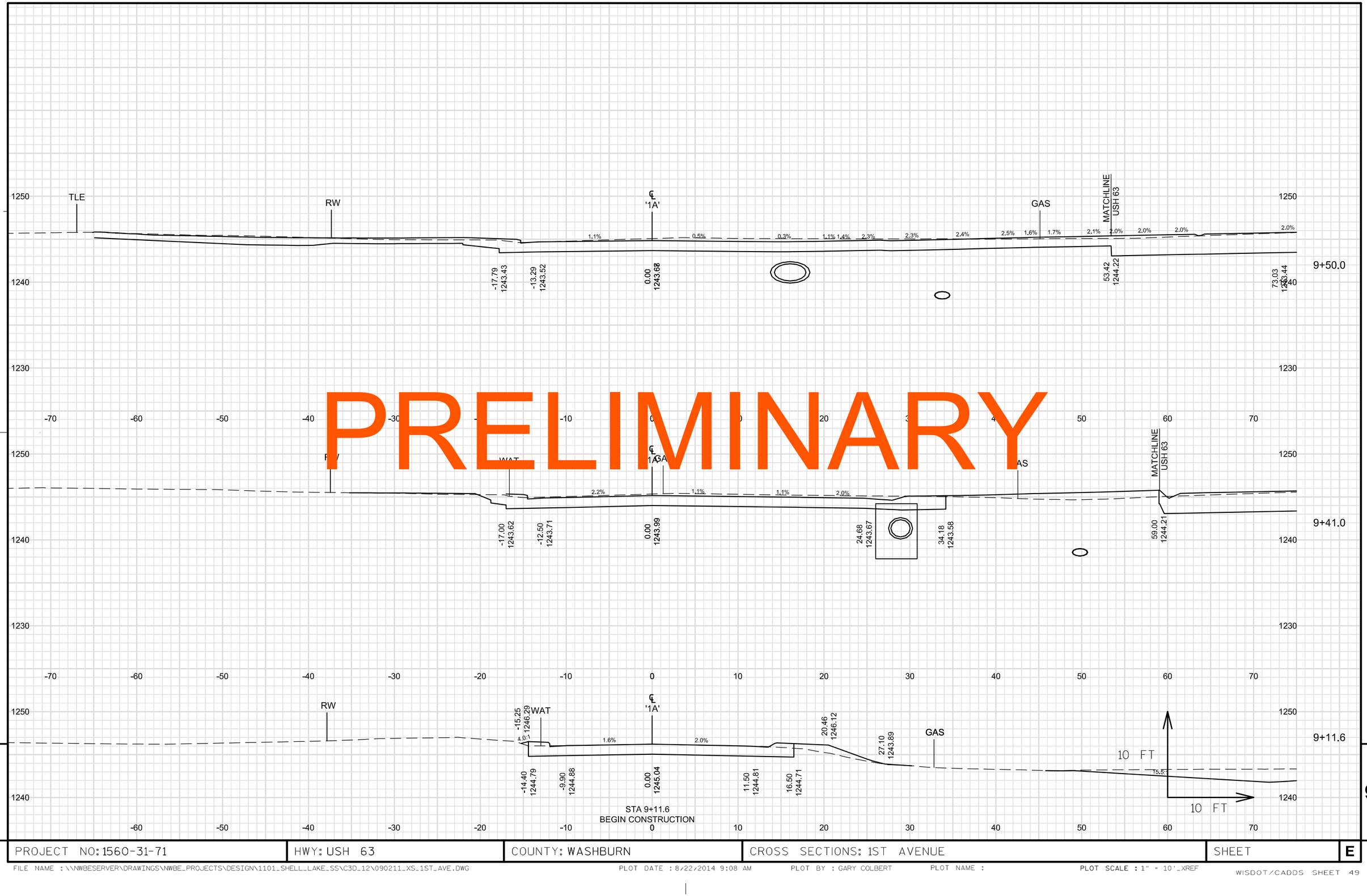
FILE NAME : \\NWBESERVER\DRAWINGS\NWBE_PROJECTS\DESIGN\1101_SHELL_LAKE_SS\C3D_12\090210_XS_PEDERSON.DWG PLOT DATE : 9/9/2014 2:09 PM PLOT BY : GARY COLBERT PLOT NAME : PLOT SCALE : 1" = 10'_XREF



PRELIMINARY

PROJECT NO: 1560-31-71	HWY: USH 63	COUNTY: WASHBURN	CROSS SECTIONS: PEDERSON DRIVE	SHEET	E

FILE NAME : \\NWBESERVER\DRAWINGS\NWBE_PROJECTS\DESIGN\1101_SHELL_LAKE_SS\C3D_12\090210_XS_PEDERSON.DWG PLOT DATE : 9/9/2014 2:09 PM PLOT BY : GARY COLBERT PLOT NAME : PLOT SCALE : 1" = 10'_XREF



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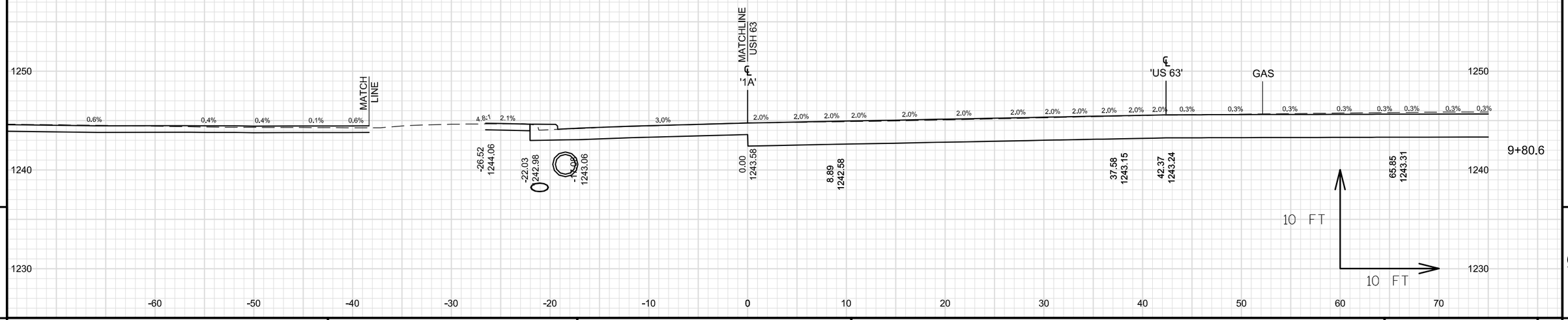
9

PROJECT NO: 1560-31-71	HWY: USH 63	COUNTY: WASHBURN	CROSS SECTIONS: 1ST AVENUE	SHEET	E

FILE NAME : \\NWBESERVER\DRAWINGS\NWBE_PROJECTS\DESIGN\1101_SHELL_LAKE_SS\C3D_12\090211_XS_1ST_AVE.DWG PLOT DATE : 8/22/2014 9:08 AM PLOT BY : GARY COLBERT PLOT NAME : PLOT SCALE : 1" = 10'_XREF

PRELIMINARY



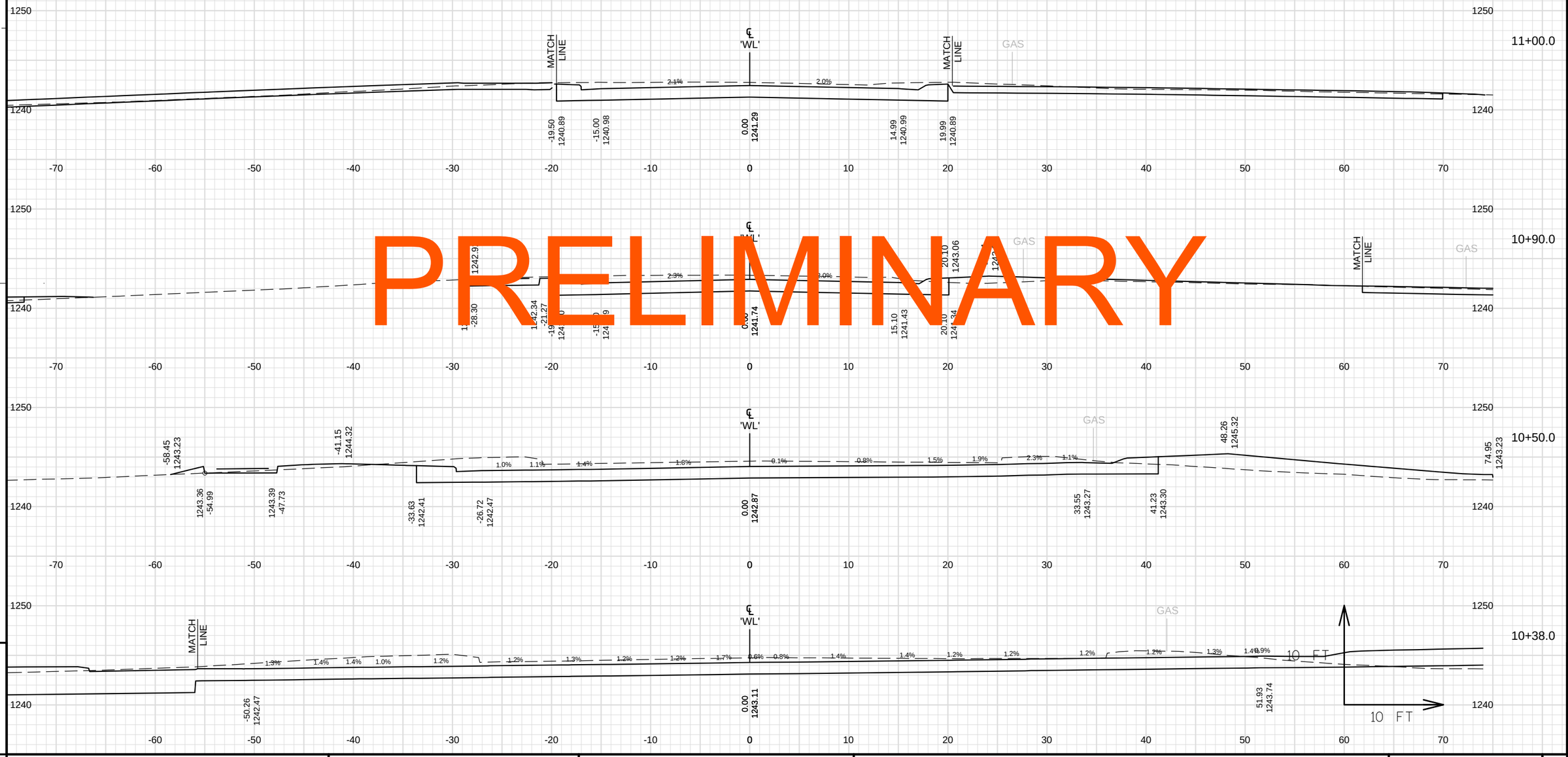
9

9

PROJECT NO: 1560-31-71	HWY: USH 63	COUNTY: WASHBURN	CROSS SECTIONS: 1ST AVENUE	SHEET	E

FILE NAME : \\NWBESERVER\DRAWINGS\NWBE_PROJECTS\DESIGN\1101_SHELL_LAKE_SS\C3D_12\090211_XS_1ST_AVE.DWG PLOT DATE : 8/22/2014 9:09 AM PLOT BY : GARY COLBERT PLOT NAME : PLOT SCALE : 1" = 10'_XREF

PRELIMINARY



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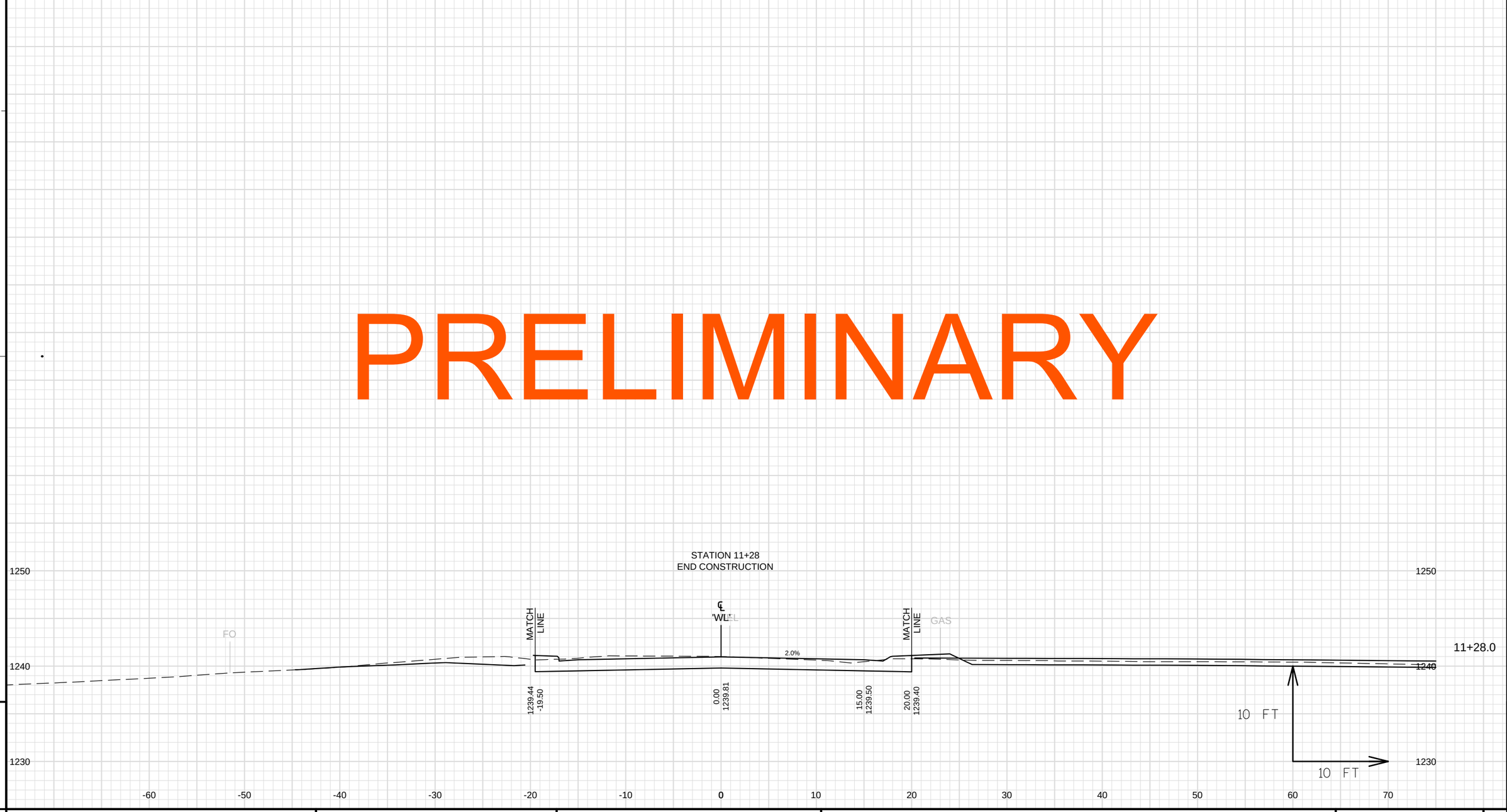
PROJECT NO: 1560-31-71	HWY: USH 63	COUNTY: WASHBURN	CROSS SECTIONS: WEST LAKE DRIVE	SHEET	E

FILE NAME : \\NWBESERVER\DRAWINGS\NWBE_PROJECTS\DESIGN\1101_SHELL_LAKE_SS\C3D_12\090212_XS_WEST_LAKE_DR.DWG
PLOT DATE : 8/21/2014 1:43 PM
PLOT BY : USER
PLOT NAME :
PLOT SCALE : 1:10_XREF
WISDOT/CADDS SHEET 49

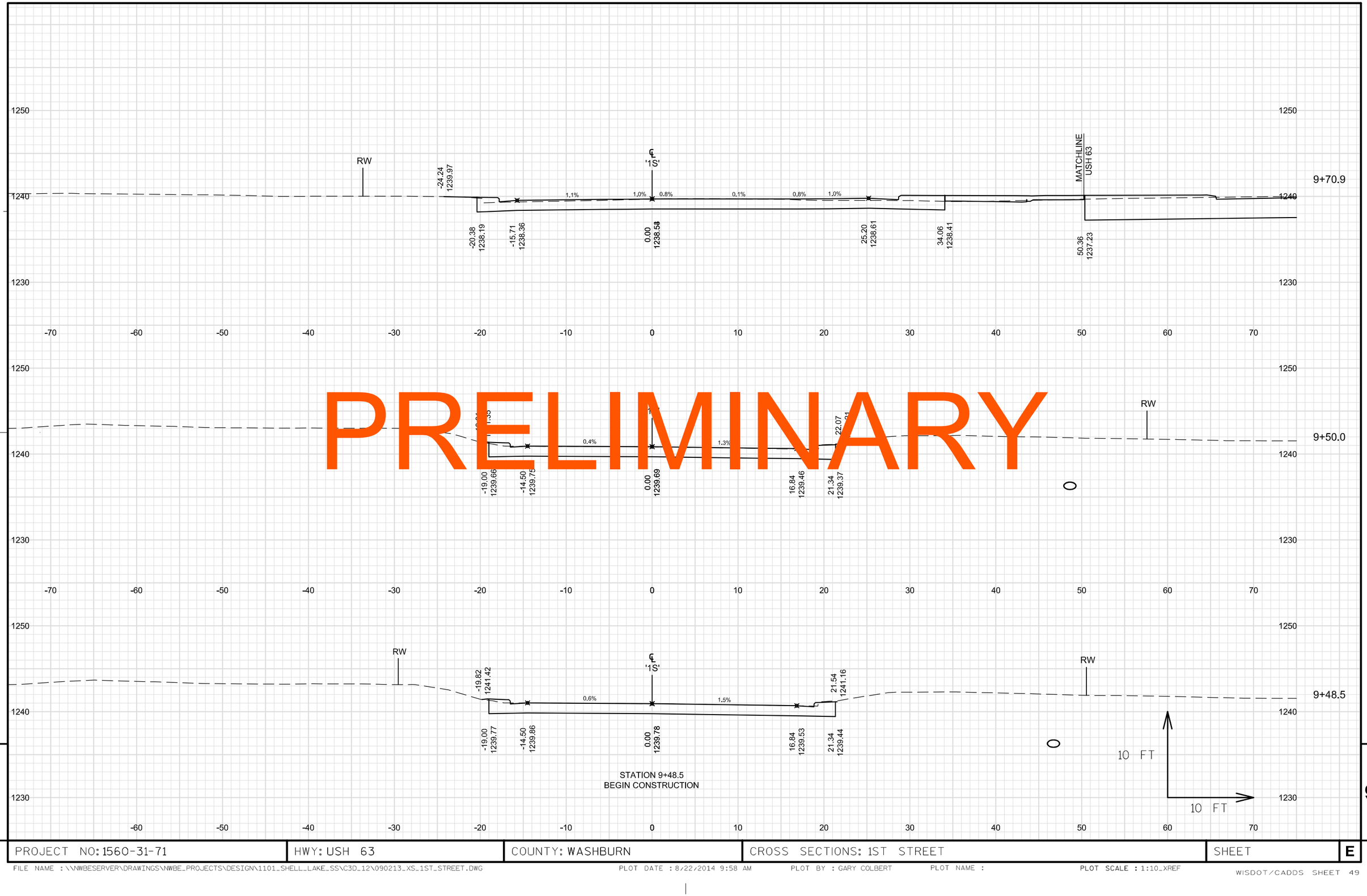
PRELIMINARY

STATION 11+28
END CONSTRUCTION



PROJECT NO: 1560-31-71	HWY: USH 63	COUNTY: WASHBURN	CROSS SECTIONS: WEST LAKE DRIVE	SHEET	E

FILE NAME : \\NWBESERVER\DRAWINGS\NWBE_PROJECTS\DESIGN\1101_SHELL_LAKE_SS\C3D_12\090212_XS_WEST_LAKE_DR.DWG
PLOT DATE : 8/21/2014 1:43 PM
PLOT BY : USER
PLOT NAME :
PLOT SCALE : 1:10_XREF
WISDOT/CADDS SHEET 49



PRELIMINARY

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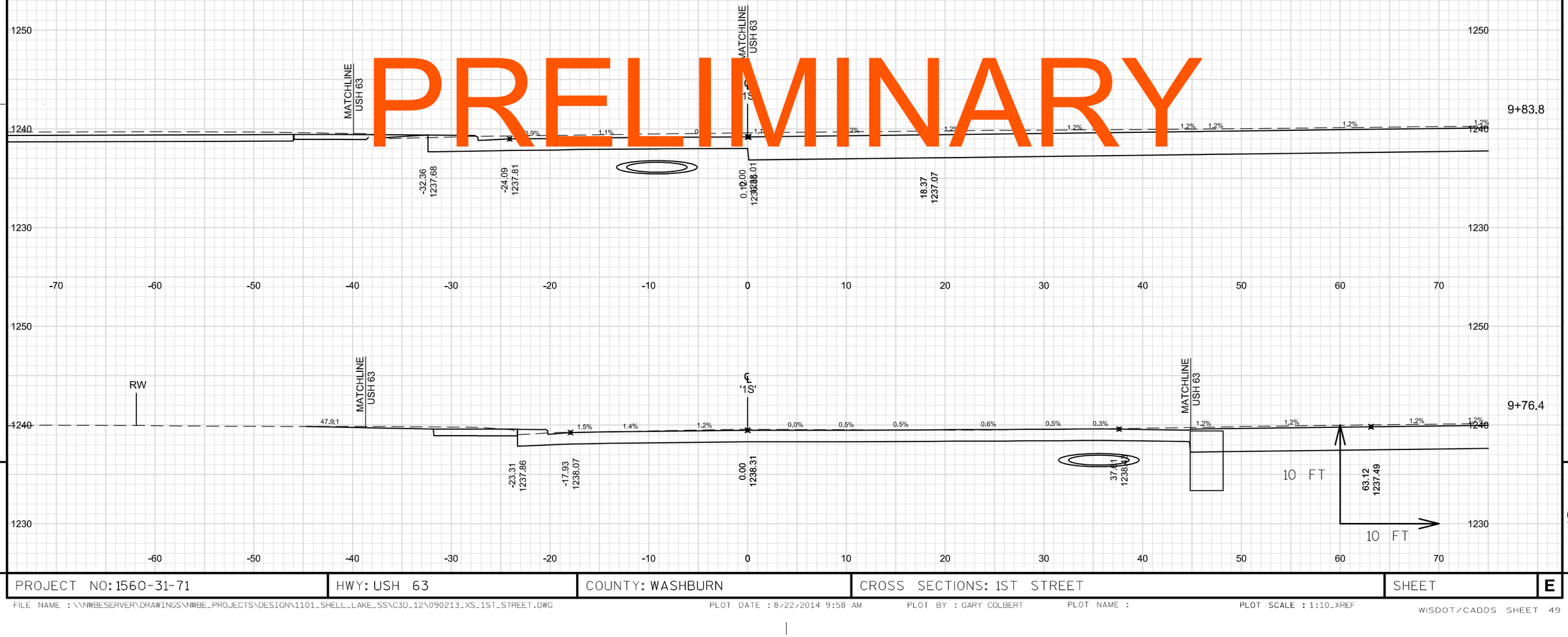
PROJECT NO: 1560-31-71	HWY: USH 63	COUNTY: WASHBURN	CROSS SECTIONS: 1ST STREET	SHEET	E

FILE NAME : \\NWBESERVER\DRAWINGS\NWBE_PROJECTS\DESIGN\1101_SHELL_LAKE_SS\C3D_12\090213_XS_1ST_STREET.DWG
PLOT DATE : 8/22/2014 9:58 AM
PLOT BY : GARY COLBERT
PLOT NAME :
PLOT SCALE : 1:10_XREF
WISDOT/CADDS SHEET 49

PRELIMINARY

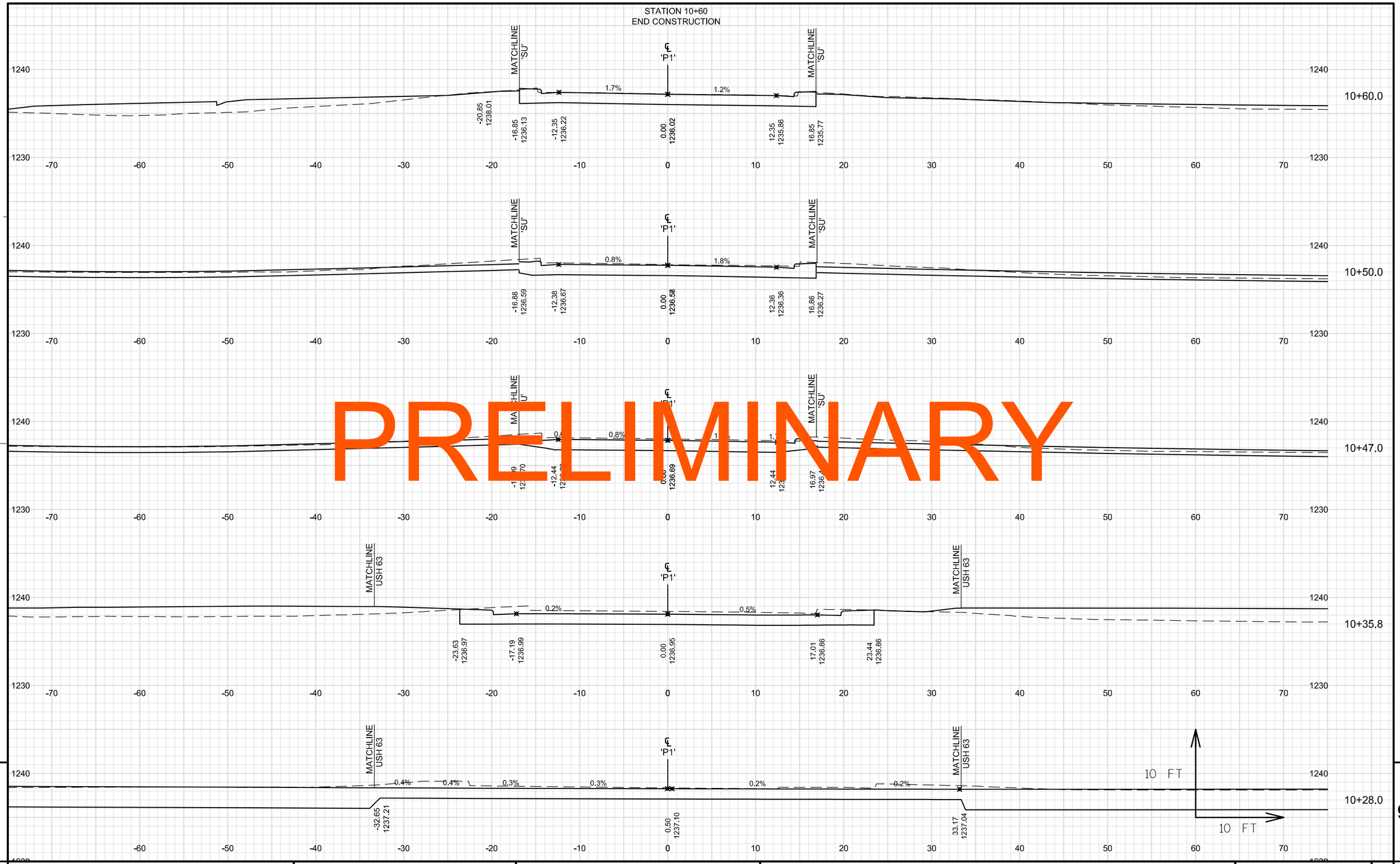


9

9

PROJECT NO: 1560-31-71	HWY: USH 63	COUNTY: WASHBURN	CROSS SECTIONS: 1ST STREET	SHEET	E

FILE NAME : \\NWBESERVER\DRAWINGS\NWBE_PROJECTS\DESIGN\1101_SHELL_LAKE_SS\C3D_12\090213_XS_1ST_STREET.DWG PLOT DATE : 8/22/2014 9:58 AM PLOT BY : GARY COLBERT PLOT NAME : PLOT SCALE : 1:10_XREF



PRELIMINARY

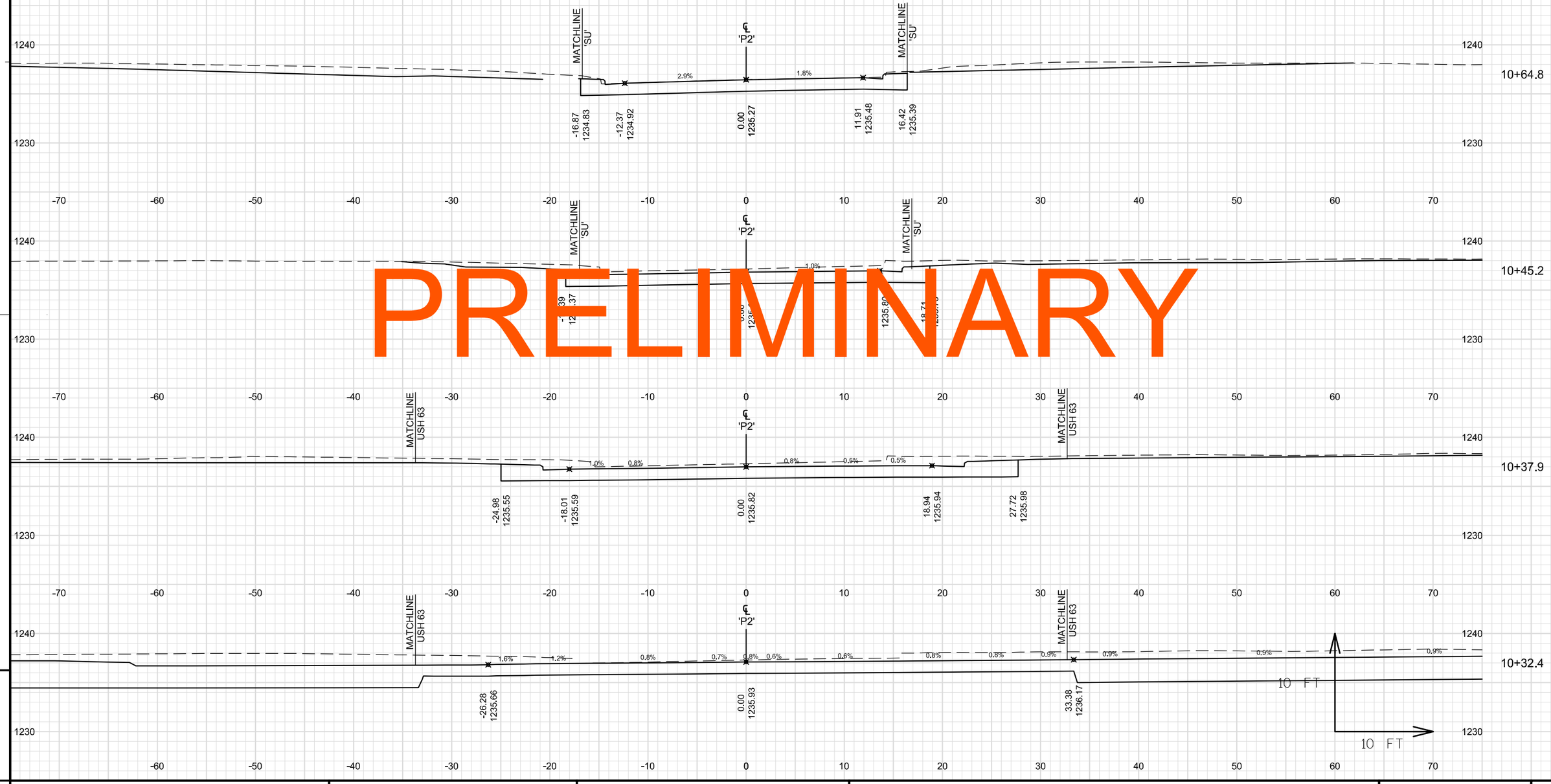
9

9

PROJECT NO: 1560-31-71	HWY: USH 63	COUNTY: WASHBURN	CROSS SECTIONS: PARKING ENTRANCE 'P1'	SHEET	E

FILE NAME : \\NWBESERVER\DRAWINGS\NWBE_PROJECTS\DESIGN\1101_SHELL_LAKE_SS\C3D_12\090214_XS_P1.DWG PLOT DATE : 8/22/2014 10:40 AM PLOT BY : GARY COLBERT PLOT NAME : PLOT SCALE : 1" = 10'_XREF

STATION 10+64.8
END CONSTRUCTION

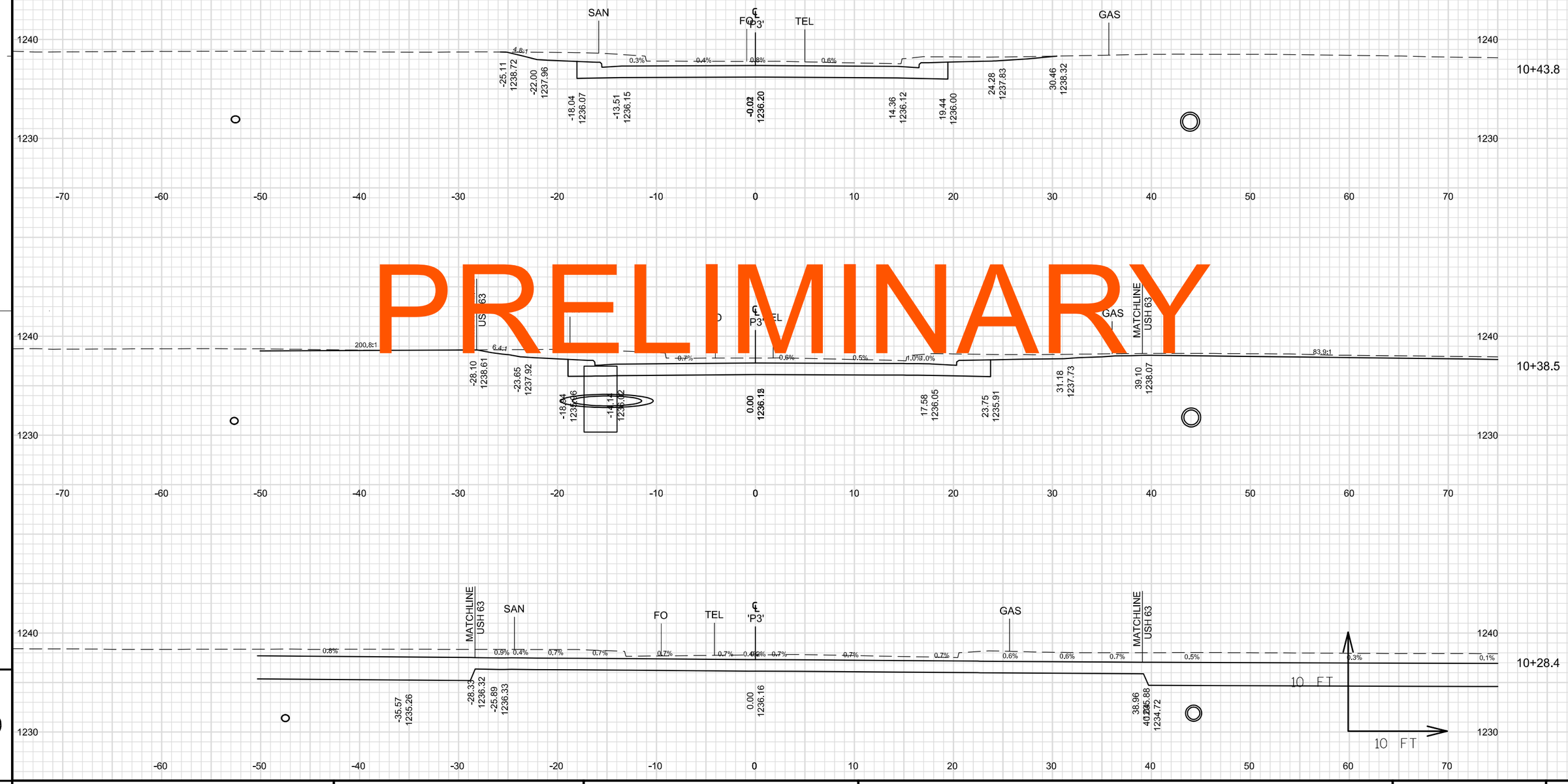


PRELIMINARY

9 9

PROJECT NO: 1560-31-71	HWY: USH 63	COUNTY: WASHBURN	CROSS SECTIONS: PARKING ENTRANCE 'P2'	SHEET E

FILE NAME : \\NWBESERVER\DRAWINGS\NWBE_PROJECTS\DESIGN\1101_SHELL_LAKE_SS\C3D_12\090214_XS_P2.DWG
PLOT DATE : 8/22/2014 11:09 AM PLOT BY : GARY COLBERT PLOT NAME : PLOT SCALE : 1" = 10'_XREF
WISDOT/CADDS SHEET 49

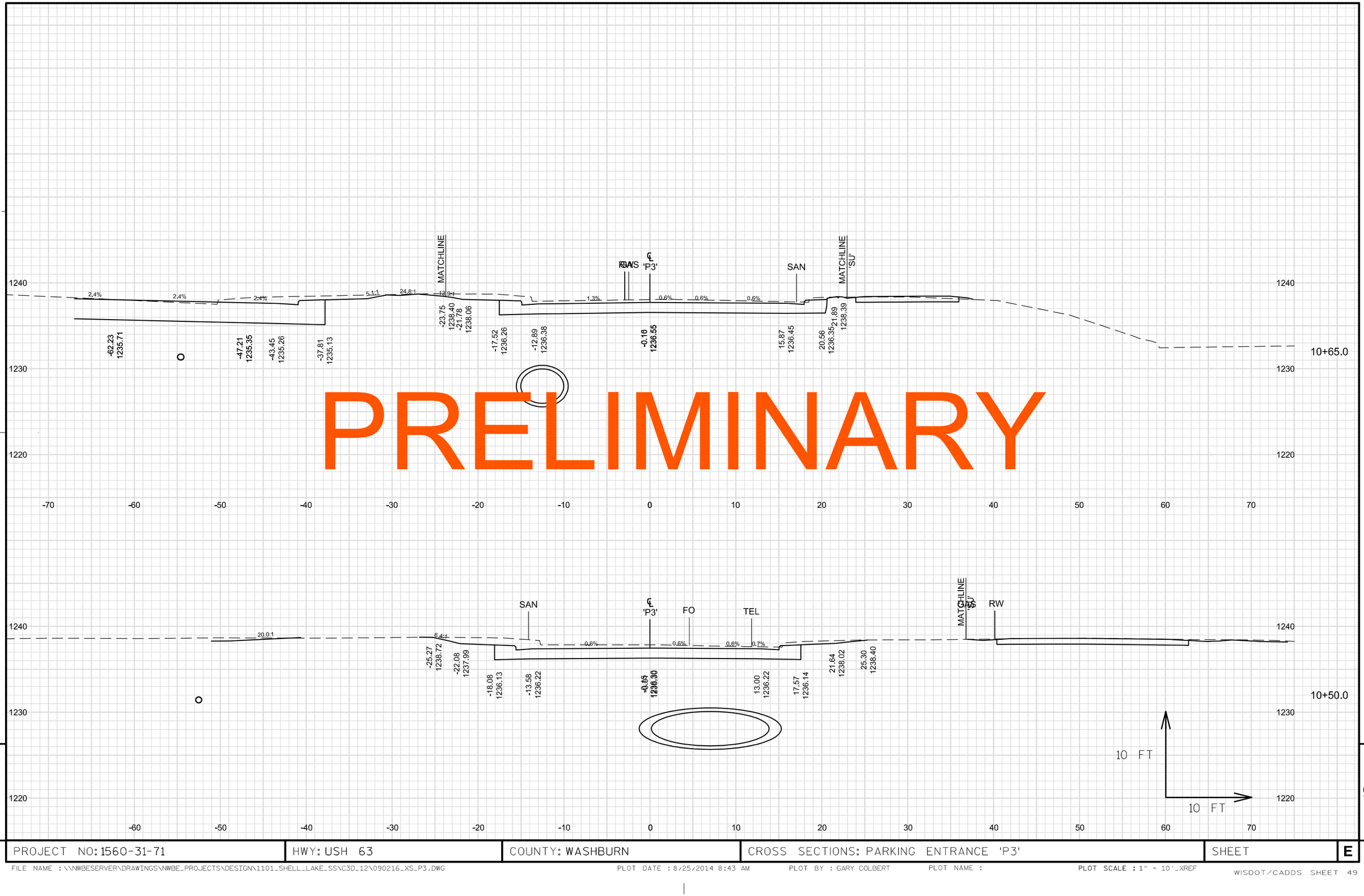


PRELIMINARY

9 9

PROJECT NO: 1560-31-71	HWY: USH 63	COUNTY: WASHBURN	CROSS SECTIONS: PARKING ENTRANCE 'P3'	SHEET E

FILE NAME : \\NWBESERVER\DRAWINGS\NWBE_PROJECTS\DESIGN\1101_SHELL_LAKE_SS\C3D_12\090216_XS_P3.DWG
PLOT DATE : 8/25/2014 8:43 AM
PLOT BY : GARY COLBERT
PLOT NAME :
PLOT SCALE : 1" = 10'_XREF
WISDOT/CADDS SHEET 49

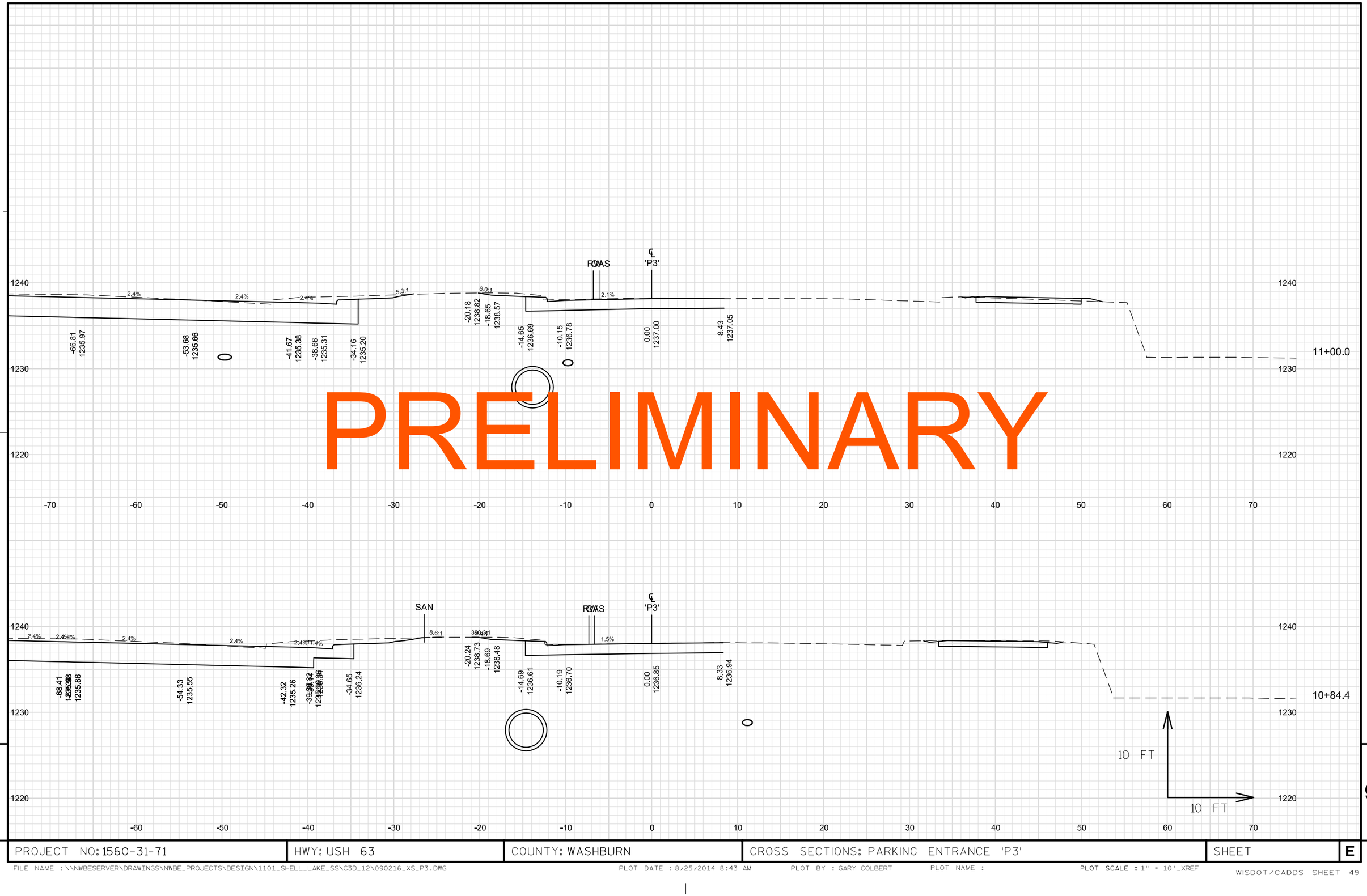


PRELIMINARY

PROJECT NO: 1560-31-71	HWY: USH 63	COUNTY: WASHBURN	CROSS SECTIONS: PARKING ENTRANCE 'P3'	SHEET	E

FILE NAME : \\NWBESERVER\DRAWINGS\NWBE_PROJECTS\DESIGN\1101_SHELL_LAKE_SS\C3D_12\090216_XS_P3.DWG PLOT DATE : 8/25/2014 8:43 AM PLOT BY : GARY COLBERT PLOT NAME : PLOT SCALE : 1" = 10'_XREF

WISDOT/CADDS SHEET 49



PRELIMINARY

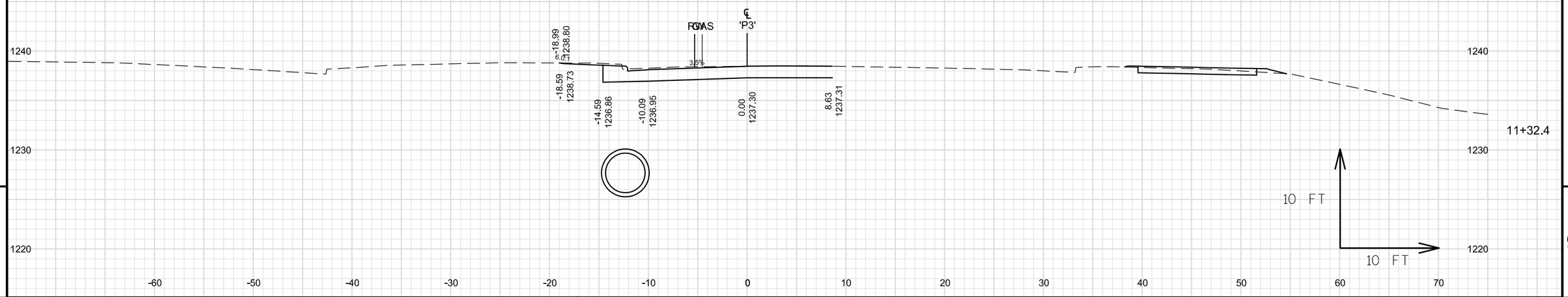
PROJECT NO: 1560-31-71	HWY: USH 63	COUNTY: WASHBURN	CROSS SECTIONS: PARKING ENTRANCE 'P3'	SHEET	E

FILE NAME : \\NWBESERVER\DRAWINGS\NWBE_PROJECTS\DESIGN\1101_SHELL_LAKE_SS\C3D_12\090216_XS_P3.DWG PLOT DATE : 8/25/2014 8:43 AM PLOT BY : GARY COLBERT PLOT NAME : PLOT SCALE : 1" = 10'_XREF

WISDOT/CADDS SHEET 49

PRELIMINARY

STA 11+3
END CONSTRUCTION

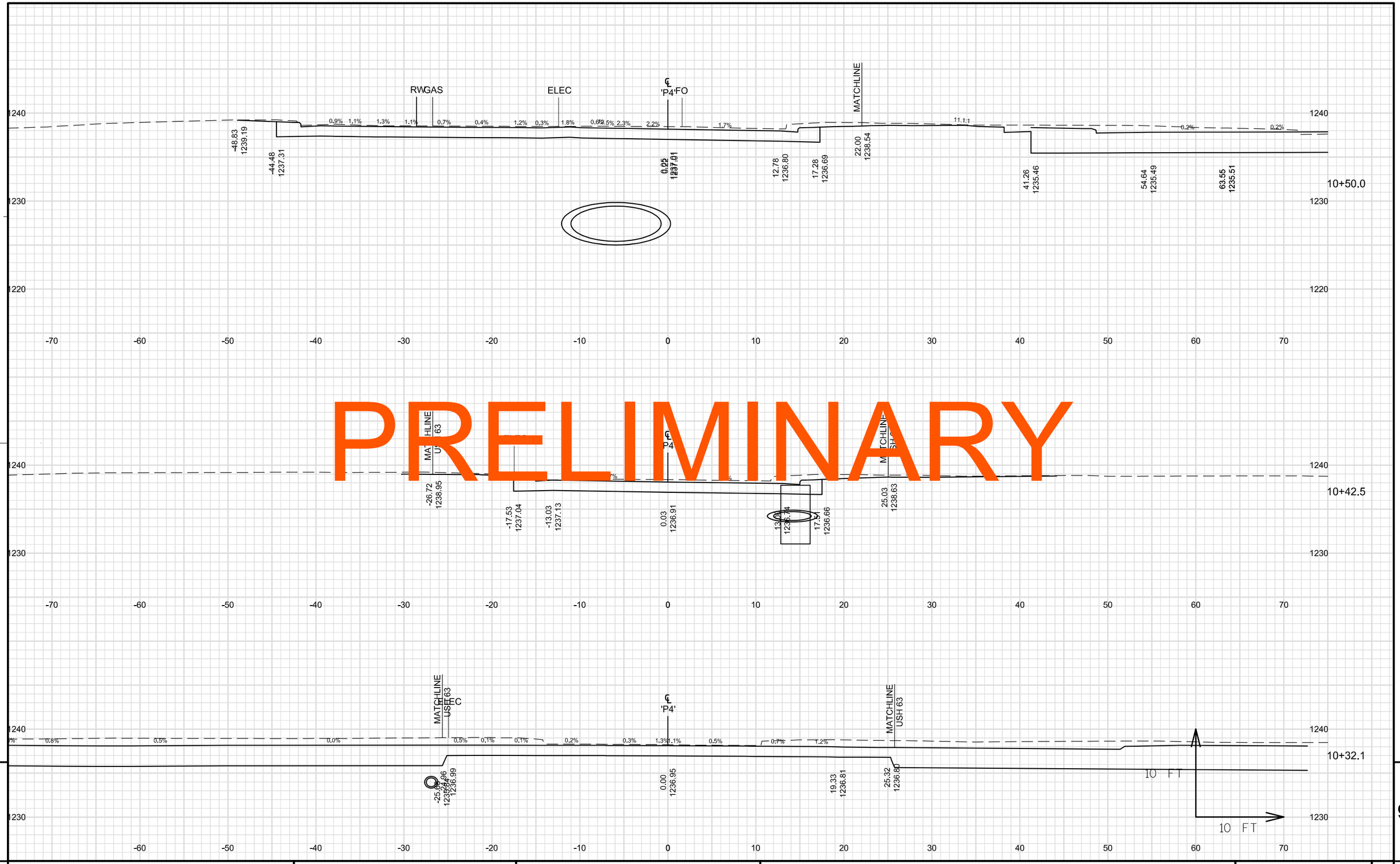


9

9

PROJECT NO: 1560-31-71	HWY: USH 63	COUNTY: WASHBURN	CROSS SECTIONS: PARKING ENTRANCE 'P3'	SHEET	E

FILE NAME : \\NWBESERVER\DRAWINGS\NWBE_PROJECTS\DESIGN\1101_SHELL_LAKE_SS\C3D_12\090216_XS_P3.DWG PLOT DATE : 8/25/2014 8:43 AM PLOT BY : GARY COLBERT PLOT NAME : PLOT SCALE : 1" = 10'_XREF

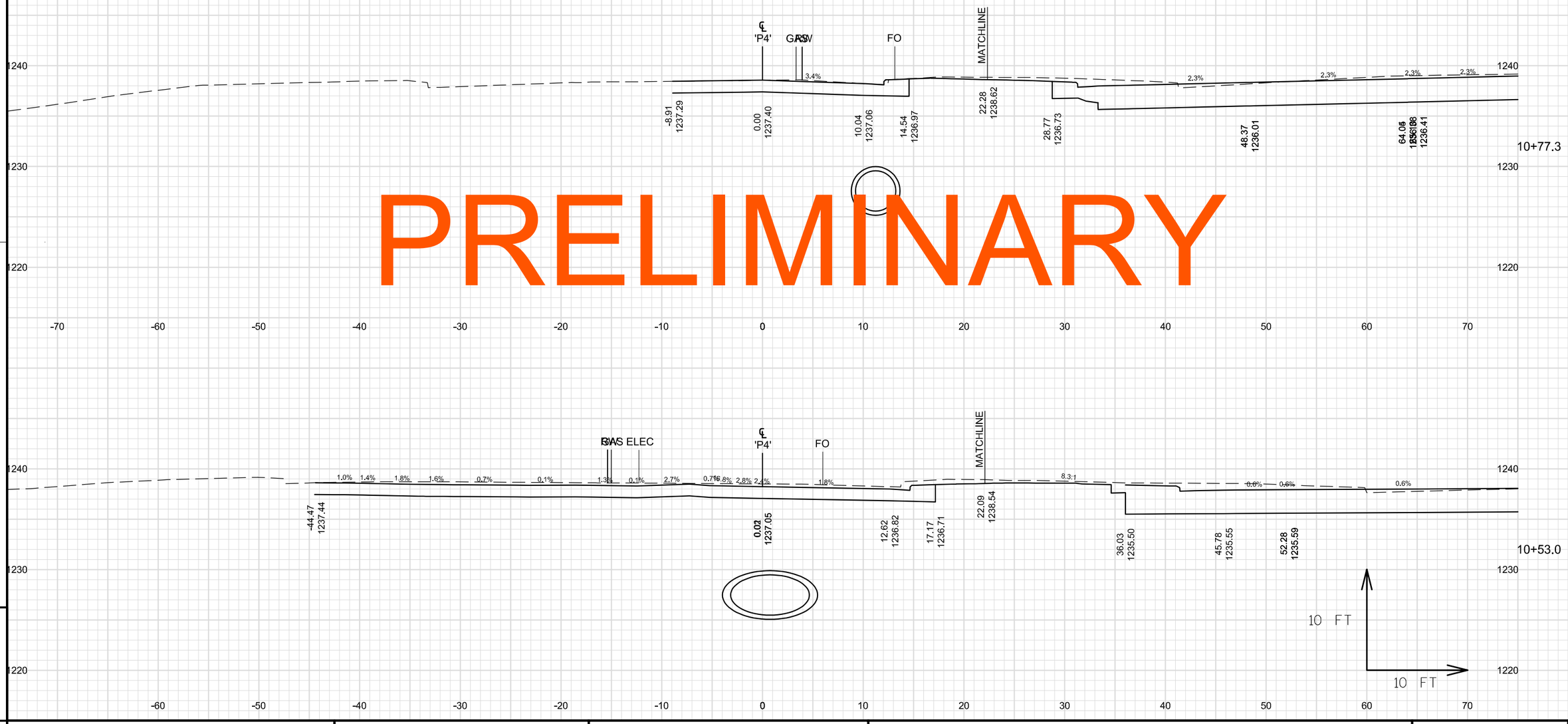


PRELIMINARY

PROJECT NO: 1560-31-71	HWY: USH 63	COUNTY: WASHBURN	CROSS SECTIONS: PARKING ENTRANCE 'P4'	SHEET	E

FILE NAME : \\NWBESERVER\DRAWINGS\NWBE_PROJECTS\DESIGN\1101_SHELL_LAKE_SS\C3D_12\090217_XS_P4.DWG PLOT DATE : 8/25/2014 11:02 AM PLOT BY : GARY COLBERT PLOT NAME : PLOT SCALE : 1" = 10'_XREF

WISDOT/CADDS SHEET 49



PRELIMINARY

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PROJECT NO: 1560-31-71	HWY: USH 63	COUNTY: WASHBURN	CROSS SECTIONS: PARKING ENTRANCE 'P4'	SHEET	E

FILE NAME : \\NWBESERVER\DRAWINGS\NWBE_PROJECTS\DESIGN\1101_SHELL_LAKE_SS\C3D_12\090217_XS_P4.DWG PLOT DATE : 8/25/2014 11:02 AM PLOT BY : GARY COLBERT PLOT NAME : PLOT SCALE : 1" = 10'_XREF

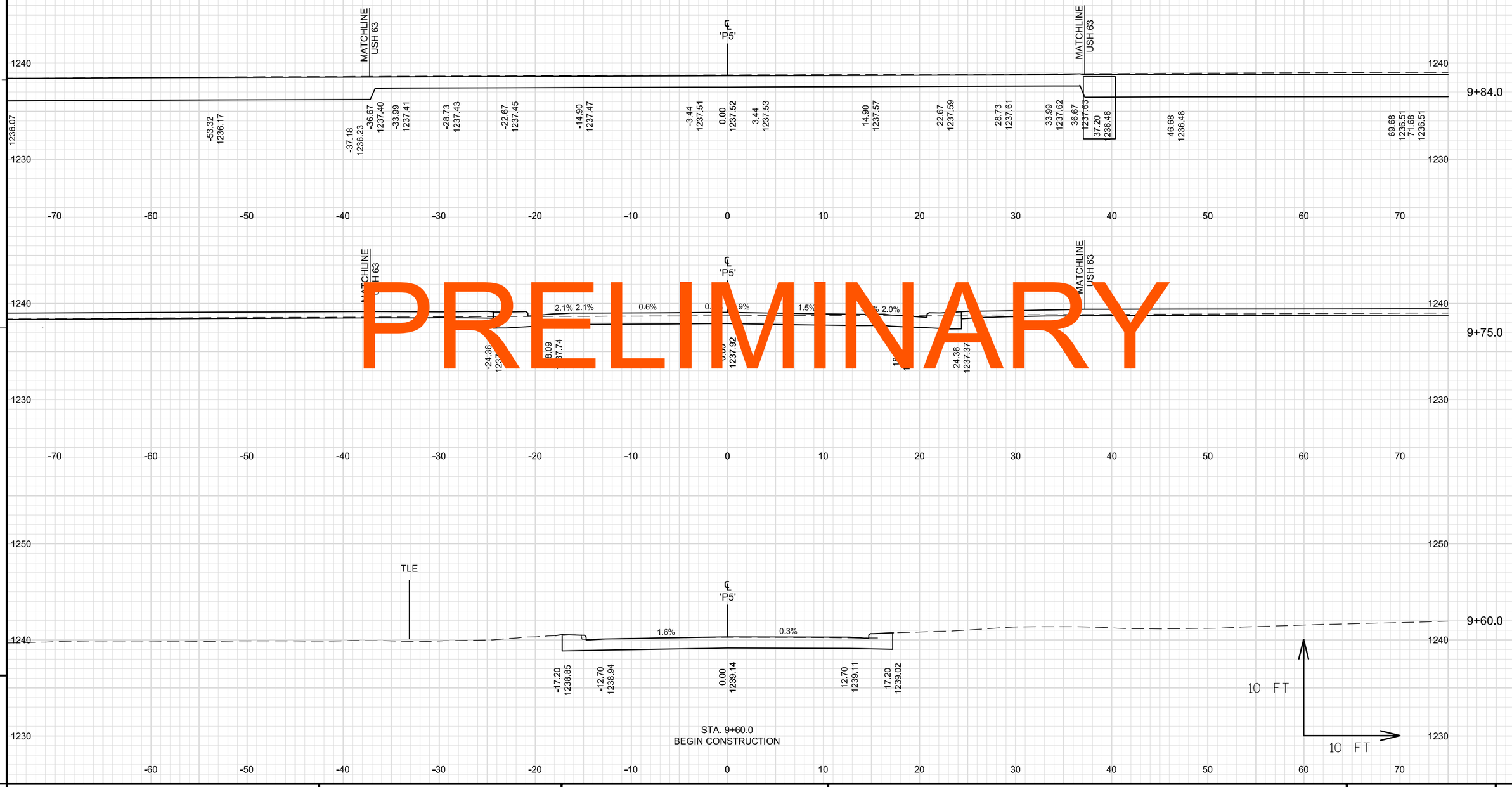
PRELIMINARY

STA. 11+00.0
END CONSTRUCTION

9 9

PROJECT NO: 1560-31-71	HWY: USH 63	COUNTY: WASHBURN	CROSS SECTIONS: PARKING ENTRANCE 'P4'	SHEET	E

PRELIMINARY



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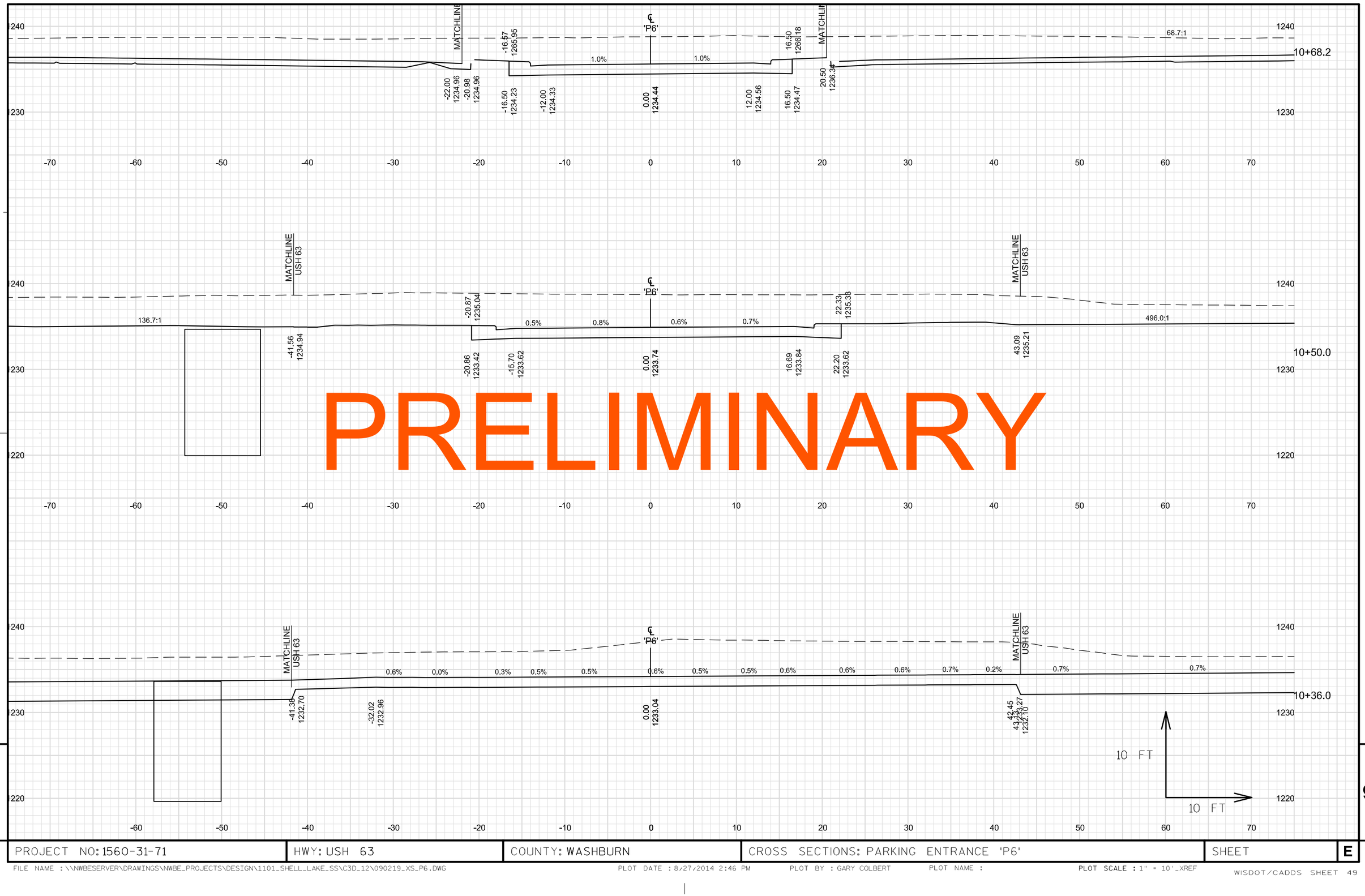
PROJECT NO: 1560-31-71	HWY: USH 63	COUNTY: WASHBURN	CROSS SECTIONS: PARKING ENTRANCE 'P5'	SHEET	E

FILE NAME : \\NWBESERVER\DRAWINGS\NWBE_PROJECTS\DESIGN\1101_SHELL_LAKE_SS\C3D_12\090218_XS_P5.DWG PLOT DATE : 8/25/2014 11:43 AM PLOT BY : GARY COLBERT PLOT NAME : PLOT SCALE : 1" = 10'_XREF



PRELIMINARY

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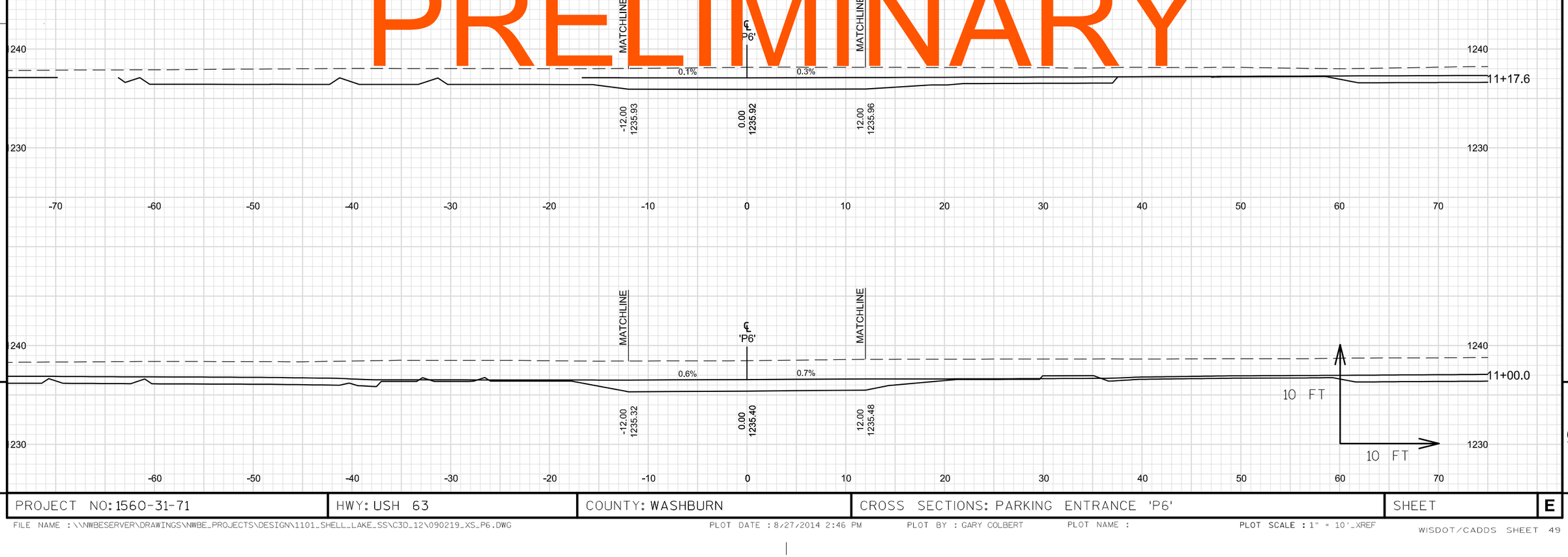
PROJECT NO: 1560-31-71	HWY: USH 63	COUNTY: WASHBURN	CROSS SECTIONS: PARKING ENTRANCE 'P6'	SHEET	E

FILE NAME : \\NWBESERVER\DRAWINGS\NWBE_PROJECTS\DESIGN\1101_SHELL_LAKE_SS\C3D_12\090219_XS_P6.DWG PLOT DATE : 8/27/2014 2:46 PM PLOT BY : GARY COLBERT PLOT NAME : PLOT SCALE : 1" = 10'_XREF

WISDOT/CADDS SHEET 49

STA. 11+19.0
END CONSTRUCTION

PRELIMINARY



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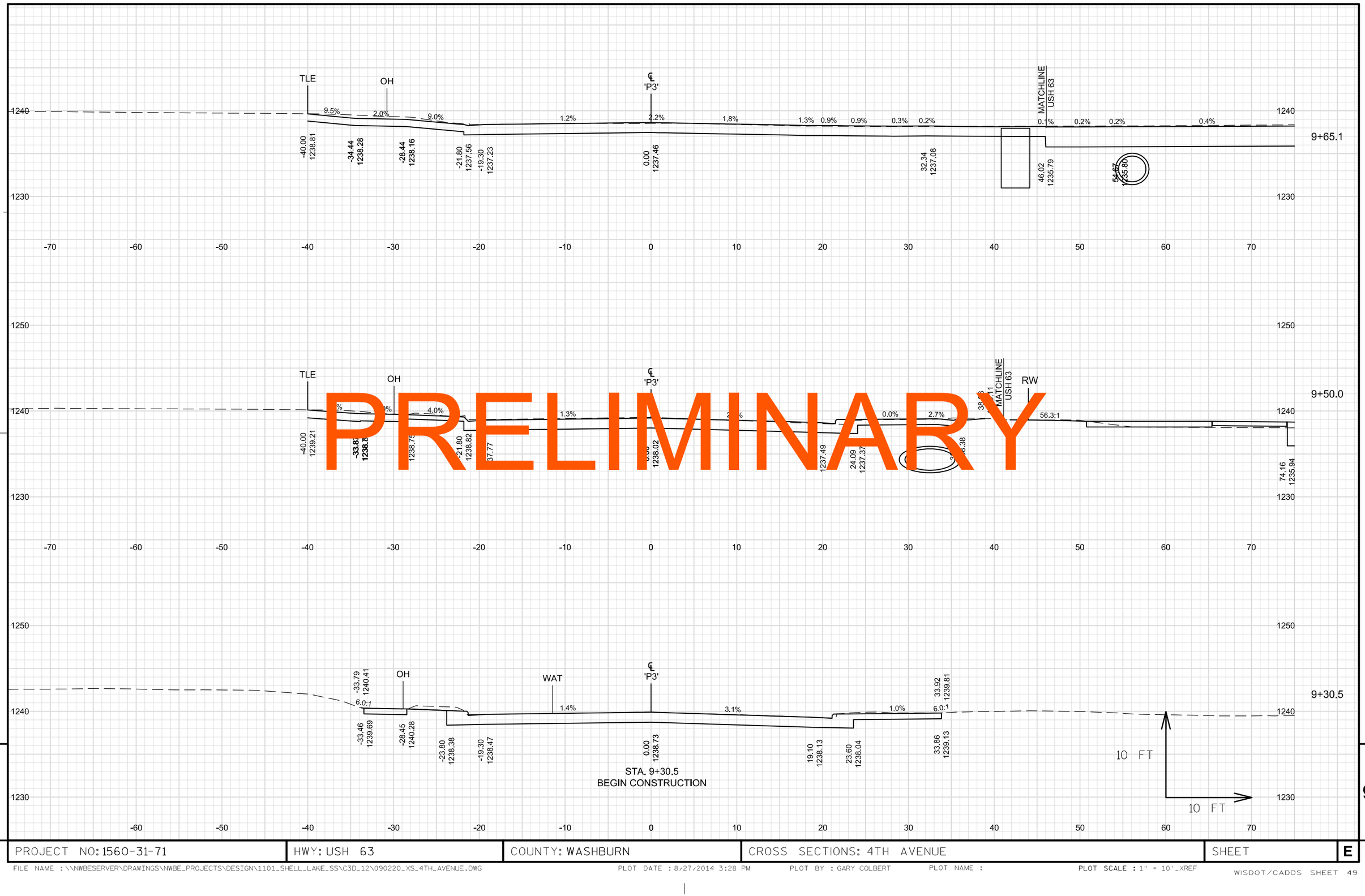
PROJECT NO: 1560-31-71	HWY: USH 63	COUNTY: WASHBURN	CROSS SECTIONS: PARKING ENTRANCE 'P6'	SHEET	E

FILE NAME : \\NWBESERVER\DRAWINGS\NWBE_PROJECTS\DESIGN\1101_SHELL_LAKE_SS\C3D_12\090219_XS_P6.DWG PLOT DATE : 8/27/2014 2:46 PM PLOT BY : GARY COLBERT PLOT NAME : PLOT SCALE : 1" = 10'_XREF
WISDOT/CADDS SHEET 49



PRELIMINARY

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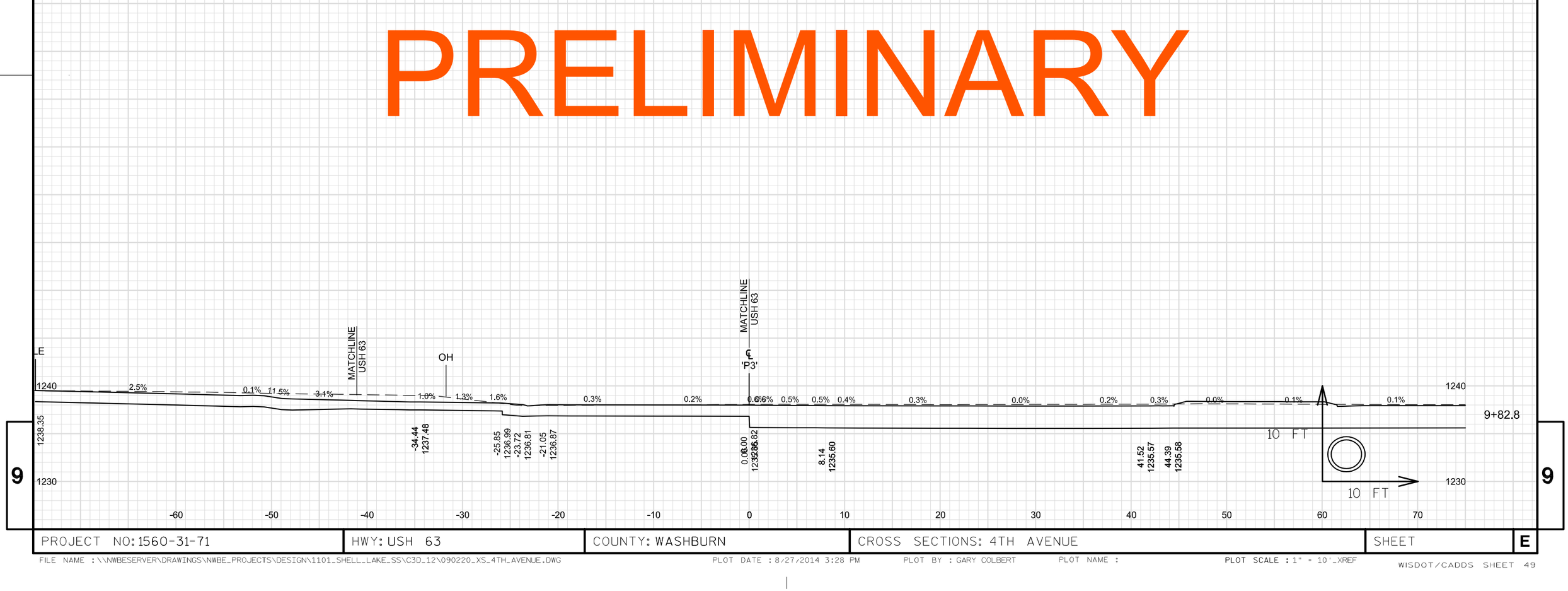
PROJECT NO: 1560-31-71	HWY: USH 63	COUNTY: WASHBURN	CROSS SECTIONS: 4TH AVENUE	SHEET	E

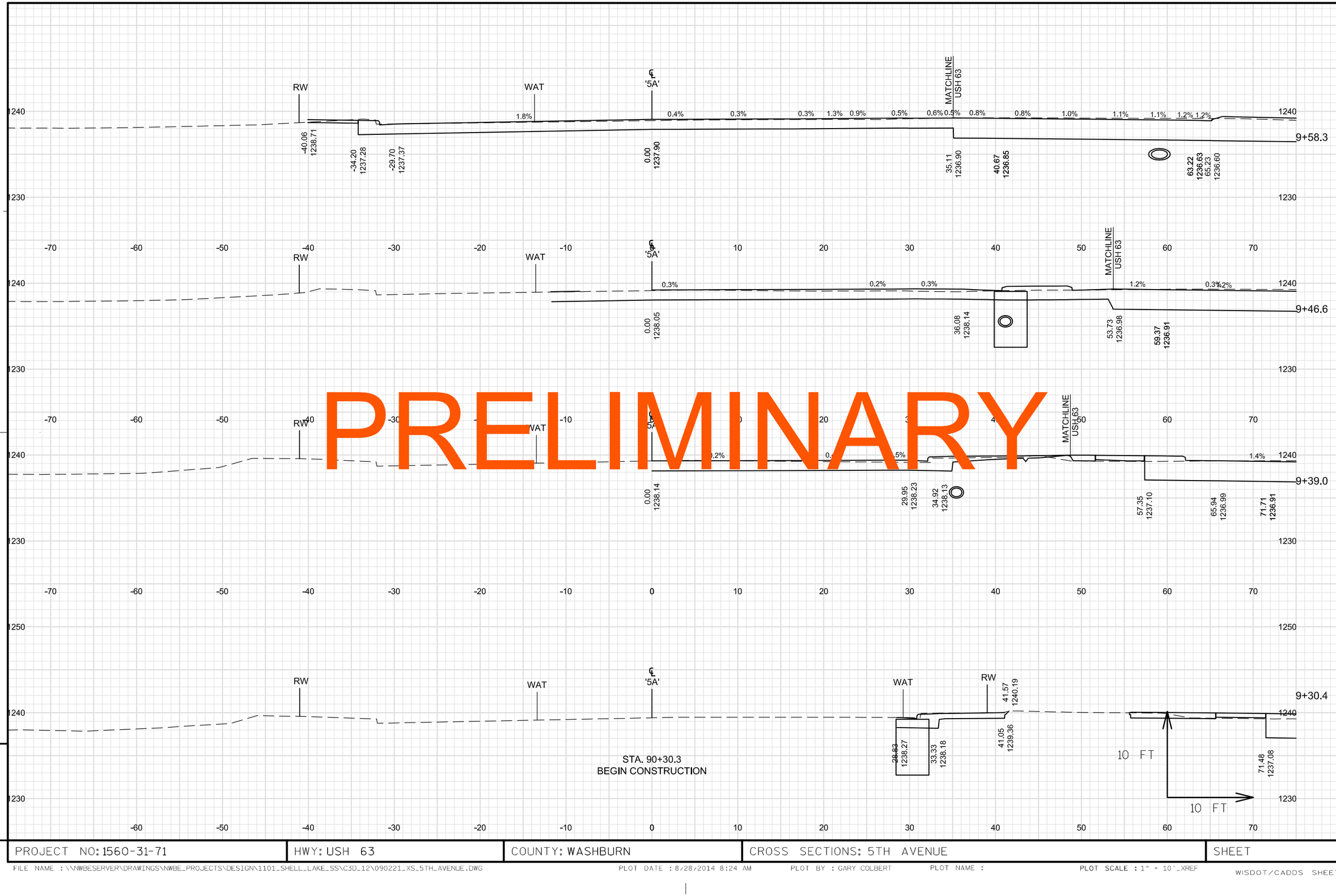
FILE NAME : \\NWBESERVER\DRAWINGS\NWBE_PROJECTS\DESIGN\1101_SHELL_LAKE_SS\C3D_12\090220_XS_4TH_AVENUE.DWG
PLOT DATE : 8/27/2014 3:28 PM
PLOT BY : GARY COLBERT
PLOT NAME :
PLOT SCALE : 1" = 10'_XREF
WISDOT/CADDS SHEET 49

PRELIMINARY



9 9

PROJECT NO: 1560-31-71	HWY: USH 63	COUNTY: WASHBURN	CROSS SECTIONS: 4TH AVENUE	SHEET	E



PRELIMINARY

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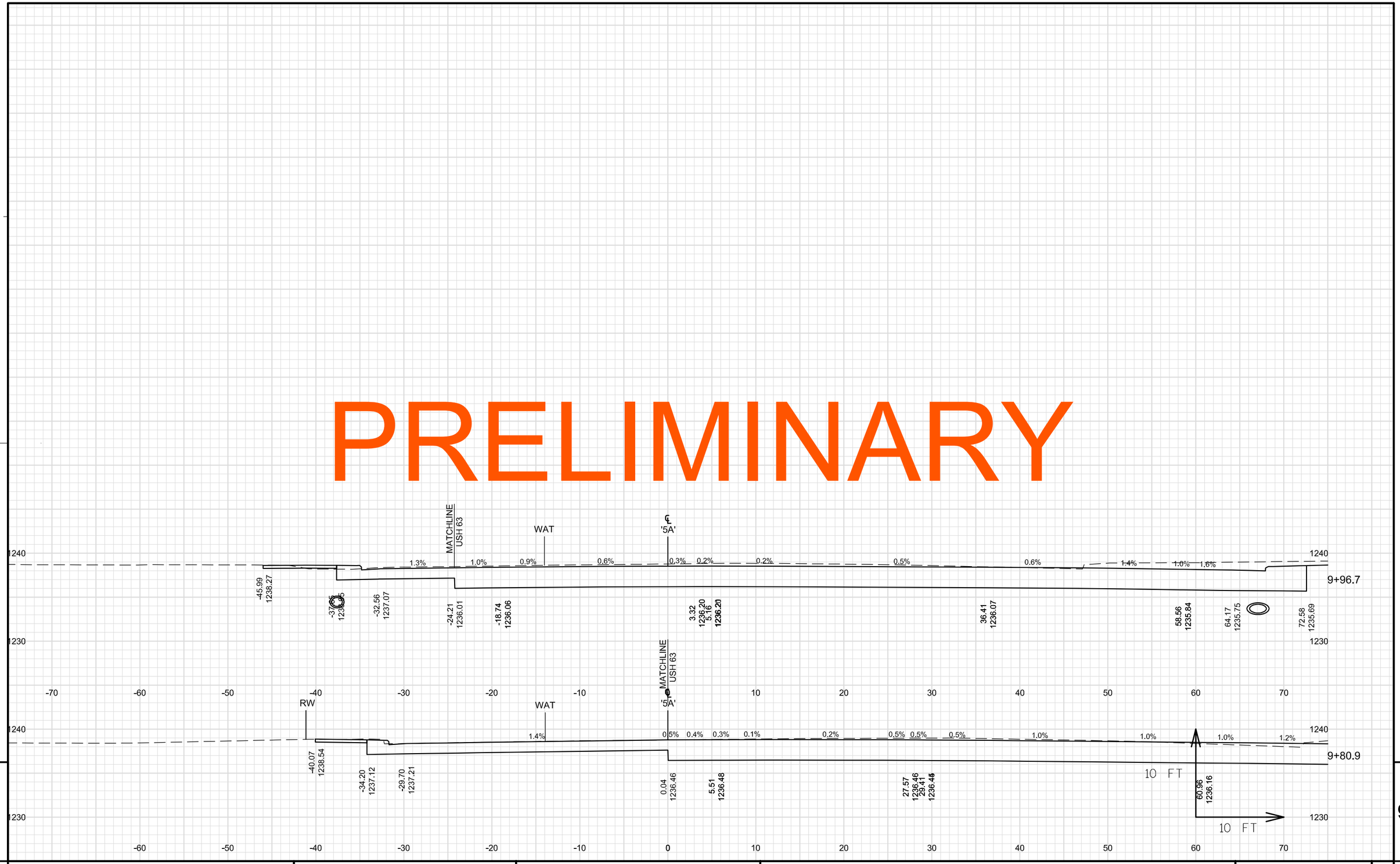
PROJECT NO: 1560-31-71	HWY: USH 63	COUNTY: WASHBURN	CROSS SECTIONS: 5TH AVENUE	SHEET	E

FILE NAME : \\NWBESERVER\DRAWINGS\NWBE_PROJECTS\DESIGN\1101_SHELL_LAKE_SS\C3D_12\090221_XS_5TH_AVENUE.DWG PLOT DATE : 8/28/2014 8:24 AM PLOT BY : GARY COLBERT PLOT NAME : PLOT SCALE : 1" = 10'_XREF

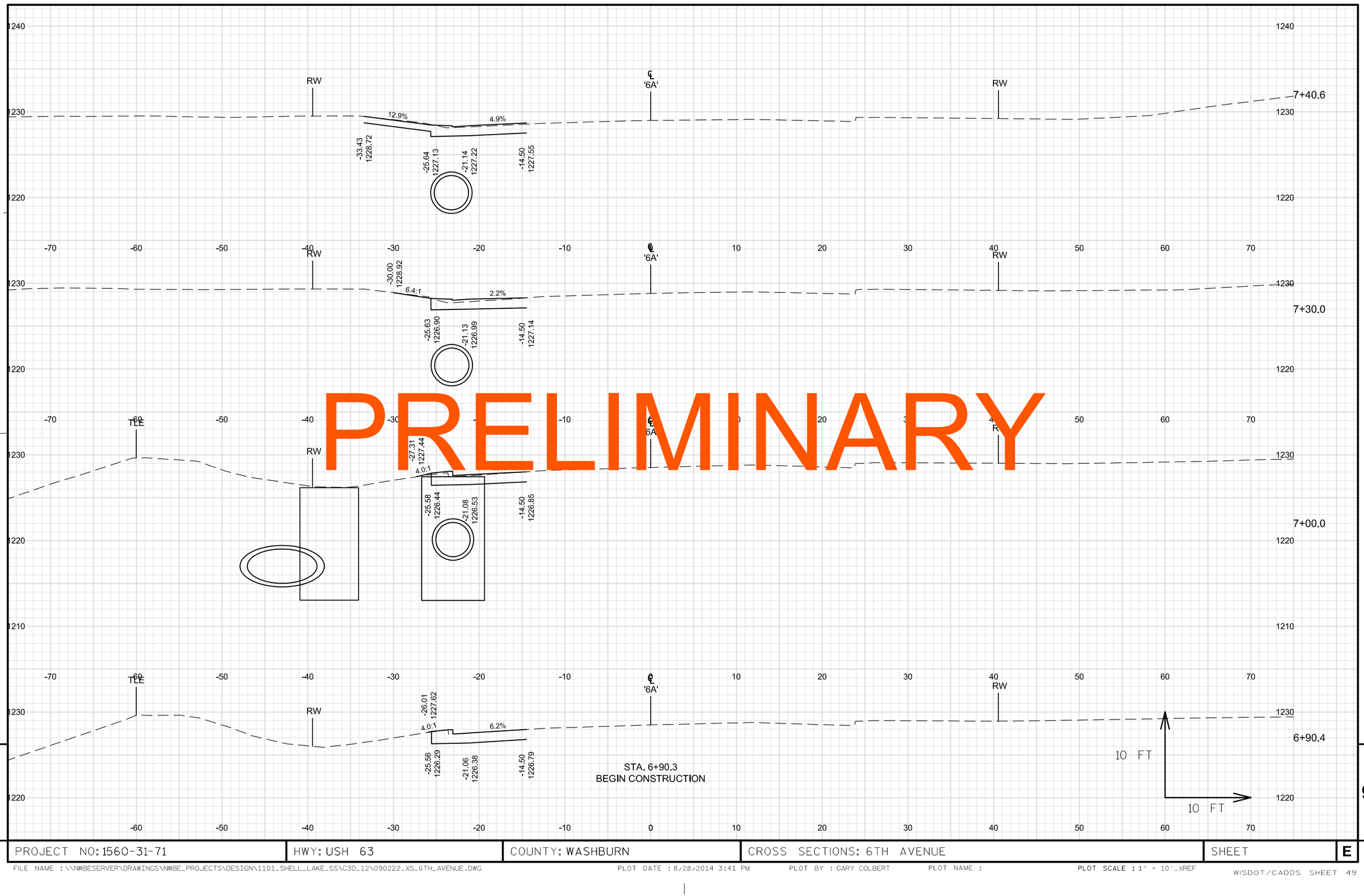
PRELIMINARY



9 9

PROJECT NO: 1560-31-71	HWY: USH 63	COUNTY: WASHBURN	CROSS SECTIONS: 5TH AVENUE	SHEET	E

FILE NAME : \\NWBESERVER\DRAWINGS\NWBE_PROJECTS\DESIGN\1101_SHELL_LAKE_SS\C3D_12\090221_XS_5TH_AVENUE.DWG PLOT DATE : 8/28/2014 8:24 AM PLOT BY : GARY COLBERT PLOT NAME : PLOT SCALE : 1" = 10'_XREF



PRELIMINARY

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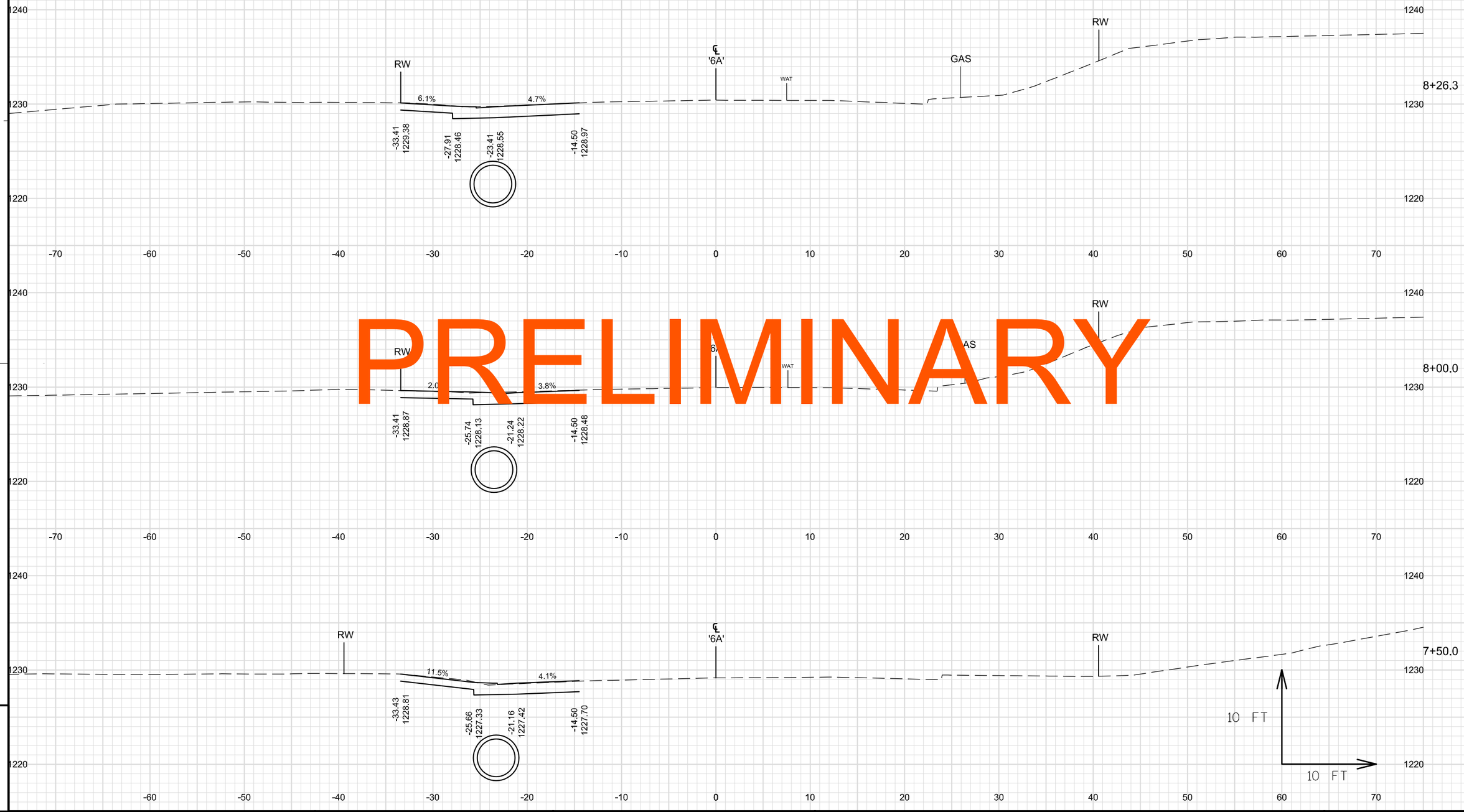
PROJECT NO: 1560-31-71	HWY: USH 63	COUNTY: WASHBURN	CROSS SECTIONS: 6TH AVENUE	SHEET	E

FILE NAME : \\NWBESERVER\DRAWINGS\NWBE_PROJECTS\DESIGN\1101_SHELL_LAKE_SS\C3D_12\090222_XS_6TH_AVENUE.DWG PLOT DATE : 8/28/2014 3:41 PM PLOT BY : GARY COLBERT PLOT NAME : PLOT SCALE : 1" = 10'_XREF
WISDOT/CADDS SHEET 49



PRELIMINARY

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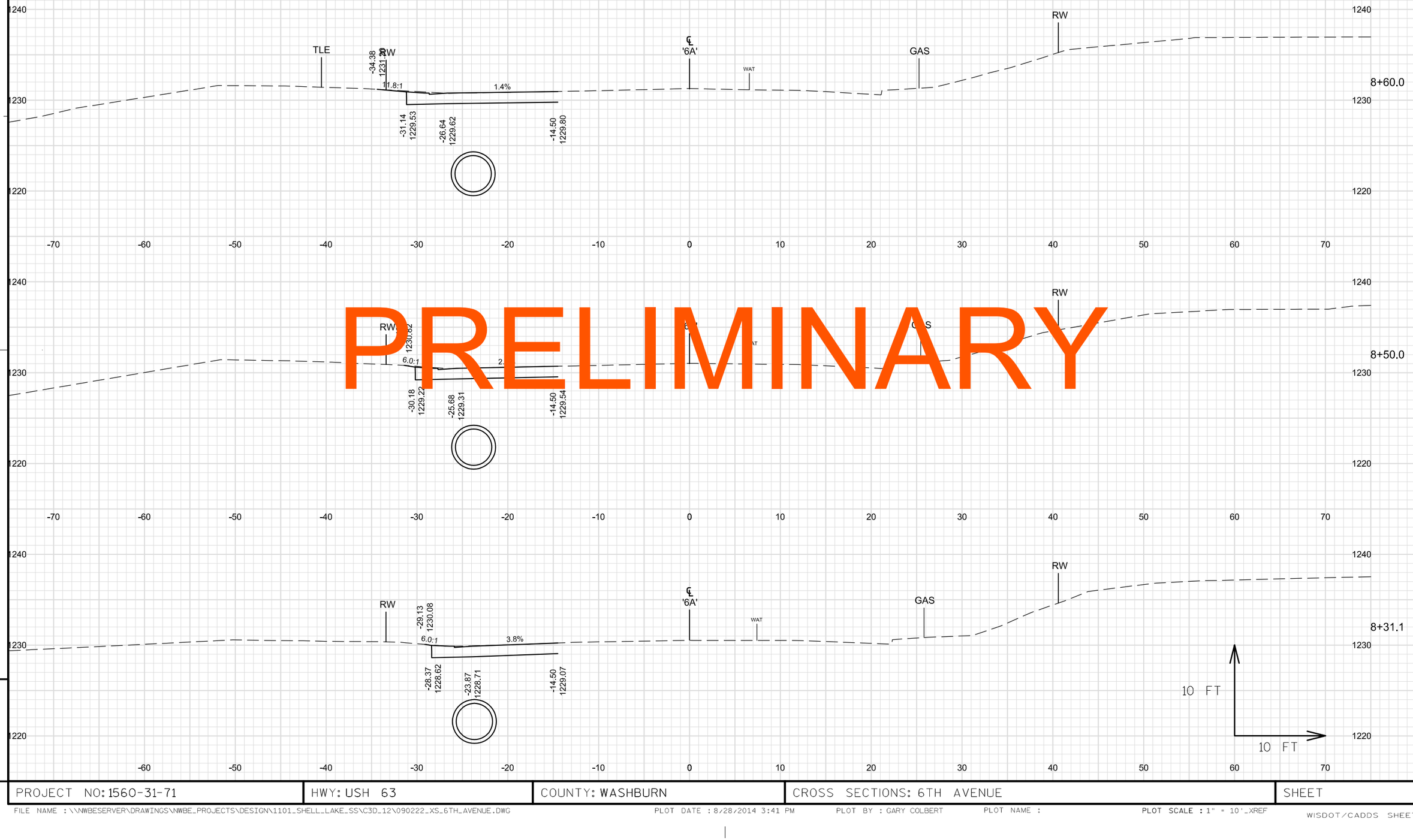
PROJECT NO: 1560-31-71	HWY: USH 63	COUNTY: WASHBURN	CROSS SECTIONS: 6TH AVENUE	SHEET	E

FILE NAME : \\NWBESERVER\DRAWINGS\NWBE_PROJECTS\DESIGN\1101_SHELL_LAKE_SS\C3D_12\090222_XS_6TH_AVENUE.DWG PLOT DATE : 8/28/2014 3:41 PM PLOT BY : GARY COLBERT PLOT NAME : PLOT SCALE : 1" = 10'_XREF



PRELIMINARY

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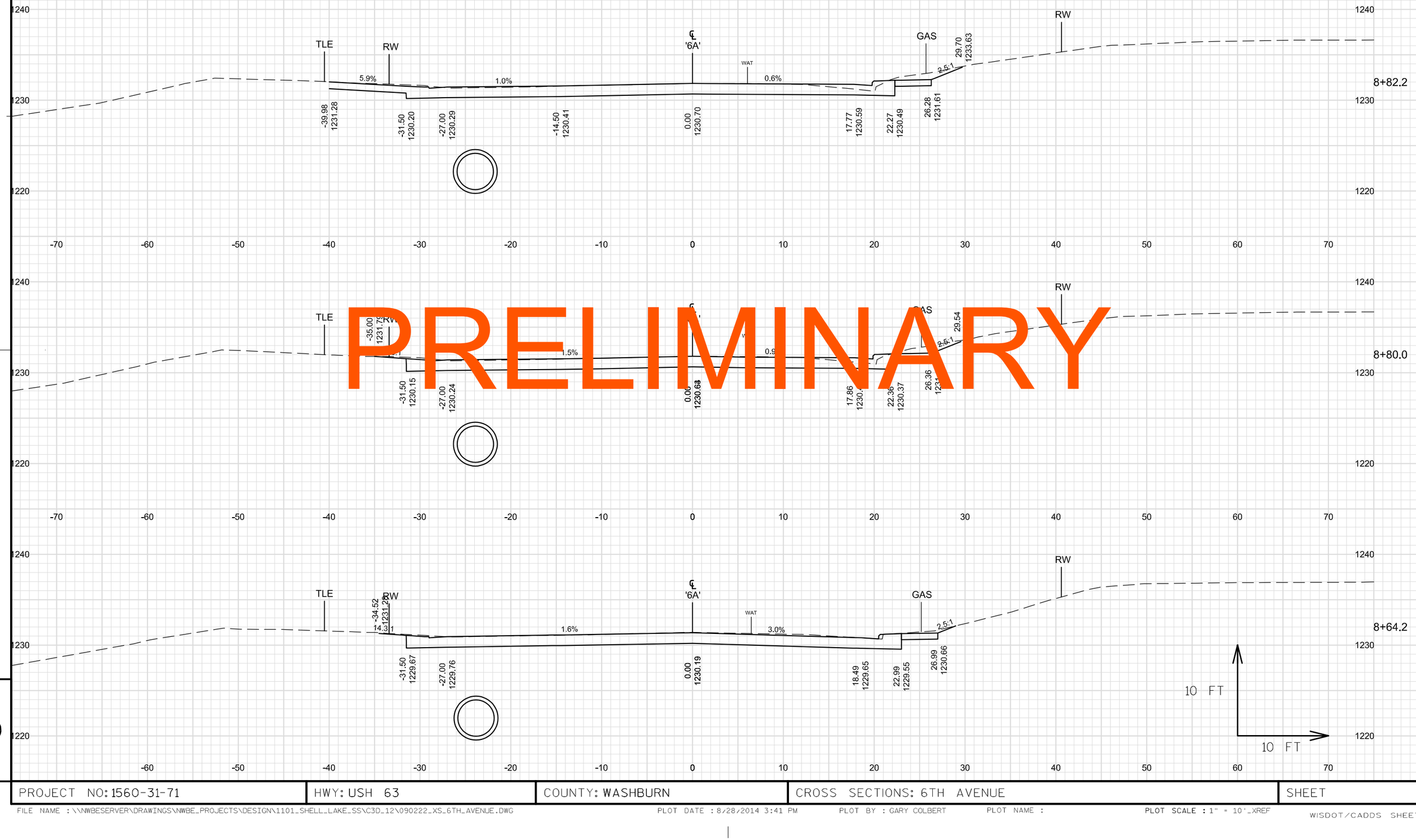
PROJECT NO: 1560-31-71	HWY: USH 63	COUNTY: WASHBURN	CROSS SECTIONS: 6TH AVENUE	SHEET	E

FILE NAME : \\NWBESERVER\DRAWINGS\NWBE_PROJECTS\DESIGN\1101_SHELL_LAKE_SS\C3D_12\090222_XS_6TH_AVENUE.DWG PLOT DATE : 8/28/2014 3:41 PM PLOT BY : GARY COLBERT PLOT NAME : PLOT SCALE : 1" = 10'_XREF



PRELIMINARY

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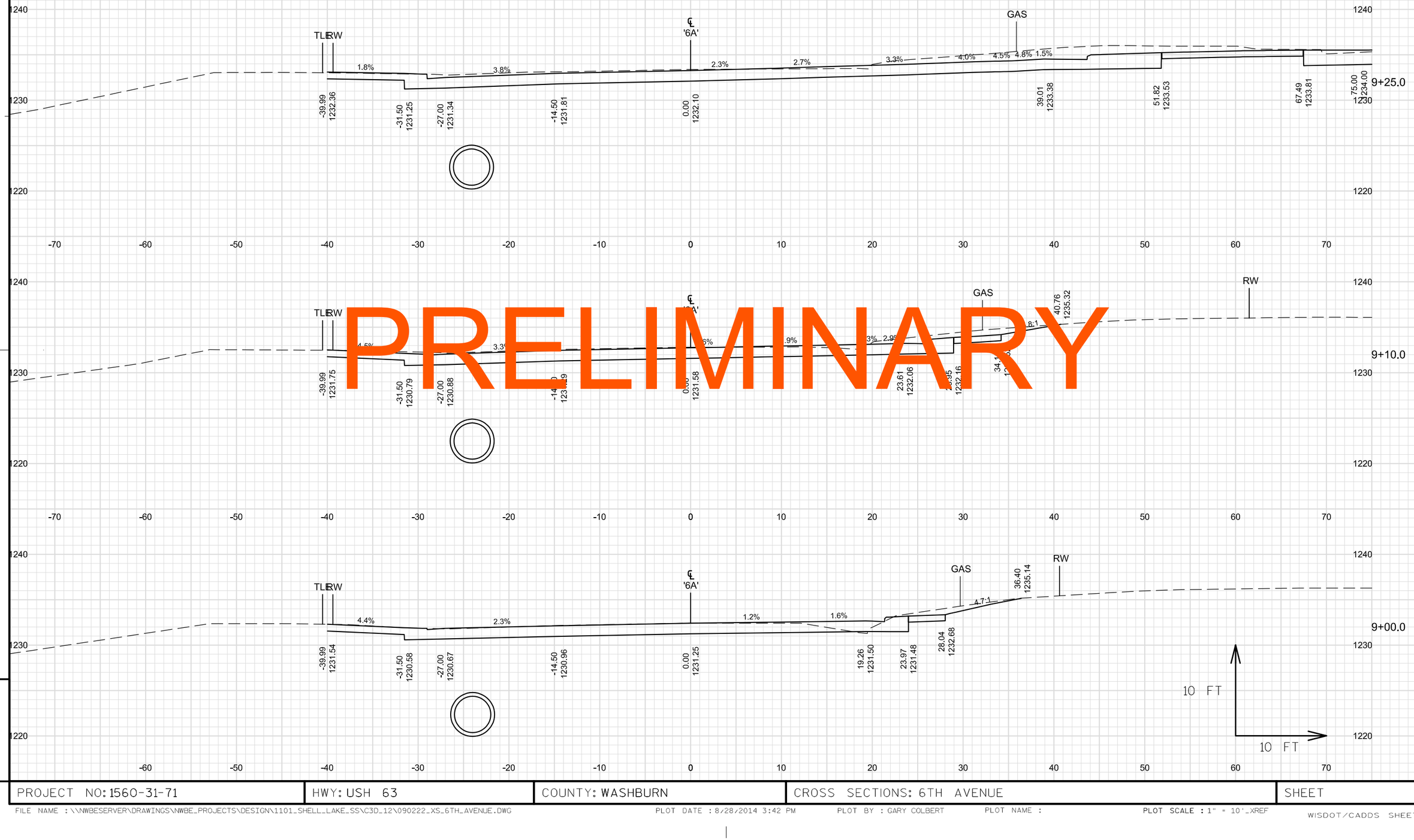
PROJECT NO: 1560-31-71	HWY: USH 63	COUNTY: WASHBURN	CROSS SECTIONS: 6TH AVENUE	SHEET	E

FILE NAME : \\NWBESERVER\DRAWINGS\NWBE_PROJECTS\DESIGN\1101_SHELL_LAKE_SS\C3D_12\090222_XS_6TH_AVENUE.DWG PLOT DATE : 8/28/2014 3:41 PM PLOT BY : GARY COLBERT PLOT NAME : PLOT SCALE : 1" = 10'_XREF



PRELIMINARY

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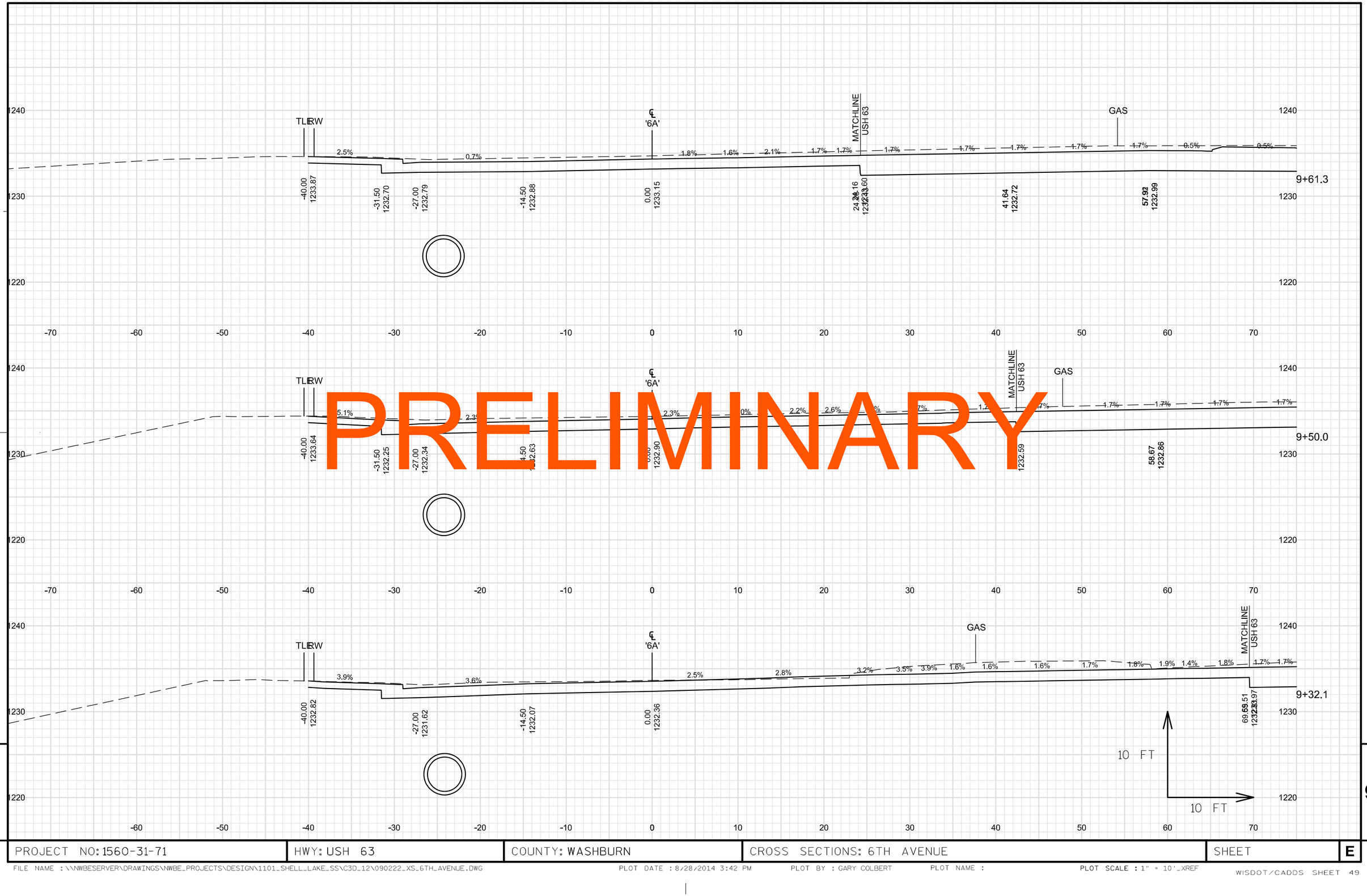
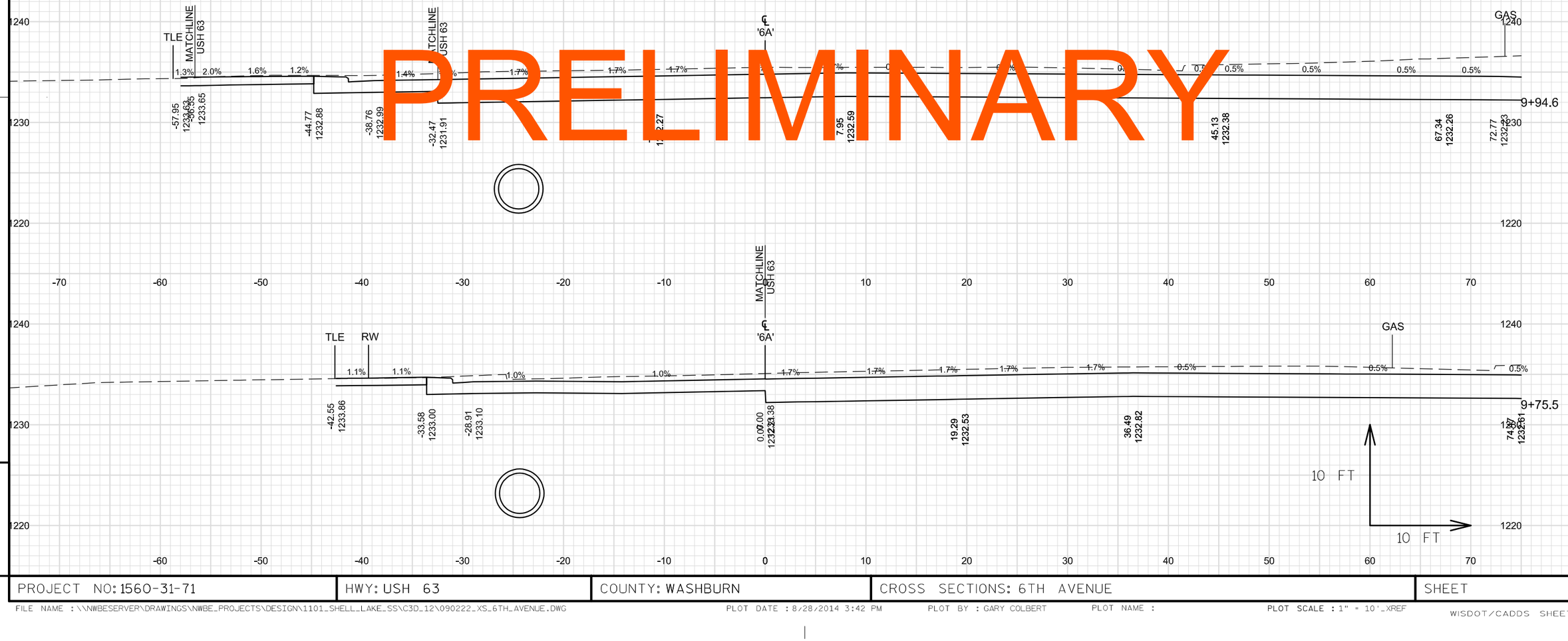
PROJECT NO: 1560-31-71	HWY: USH 63	COUNTY: WASHBURN	CROSS SECTIONS: 6TH AVENUE	SHEET	E



PRELIMINARY

PROJECT NO: 1560-31-71	HWY: USH 63	COUNTY: WASHBURN	CROSS SECTIONS: 6TH AVENUE	SHEET	E



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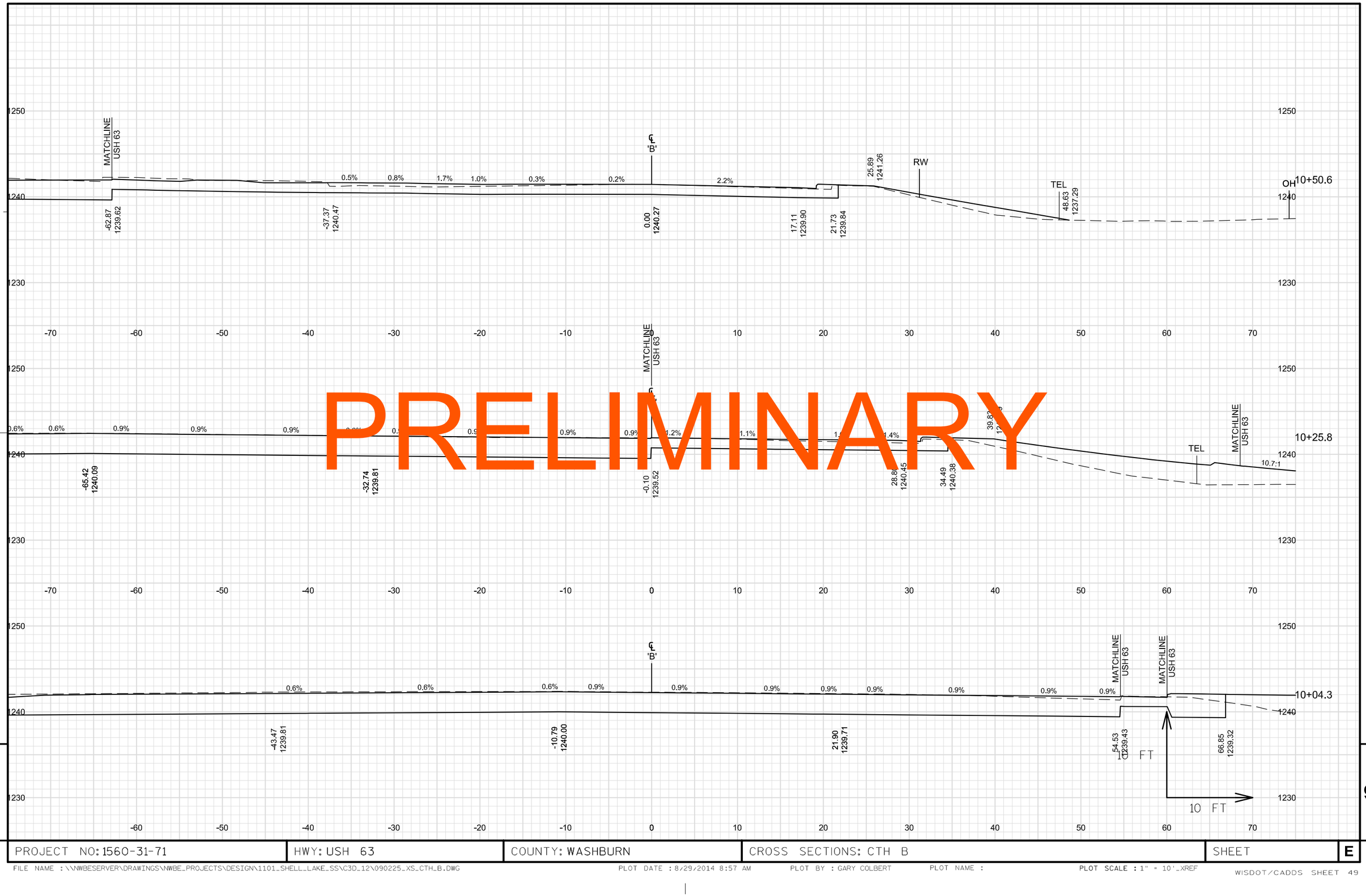
PROJECT NO: 1560-31-71	HWY: USH 63	COUNTY: WASHBURN	CROSS SECTIONS: 6TH AVENUE	SHEET	E

FILE NAME : \\NWBESERVER\DRAWINGS\NWBE_PROJECTS\DESIGN\1101_SHELL_LAKE_SS\C3D_12\090222_XS_6TH_AVENUE.DWG PLOT DATE : 8/28/2014 3:42 PM PLOT BY : GARY COLBERT PLOT NAME : PLOT SCALE : 1" = 10'_XREF



PRELIMINARY

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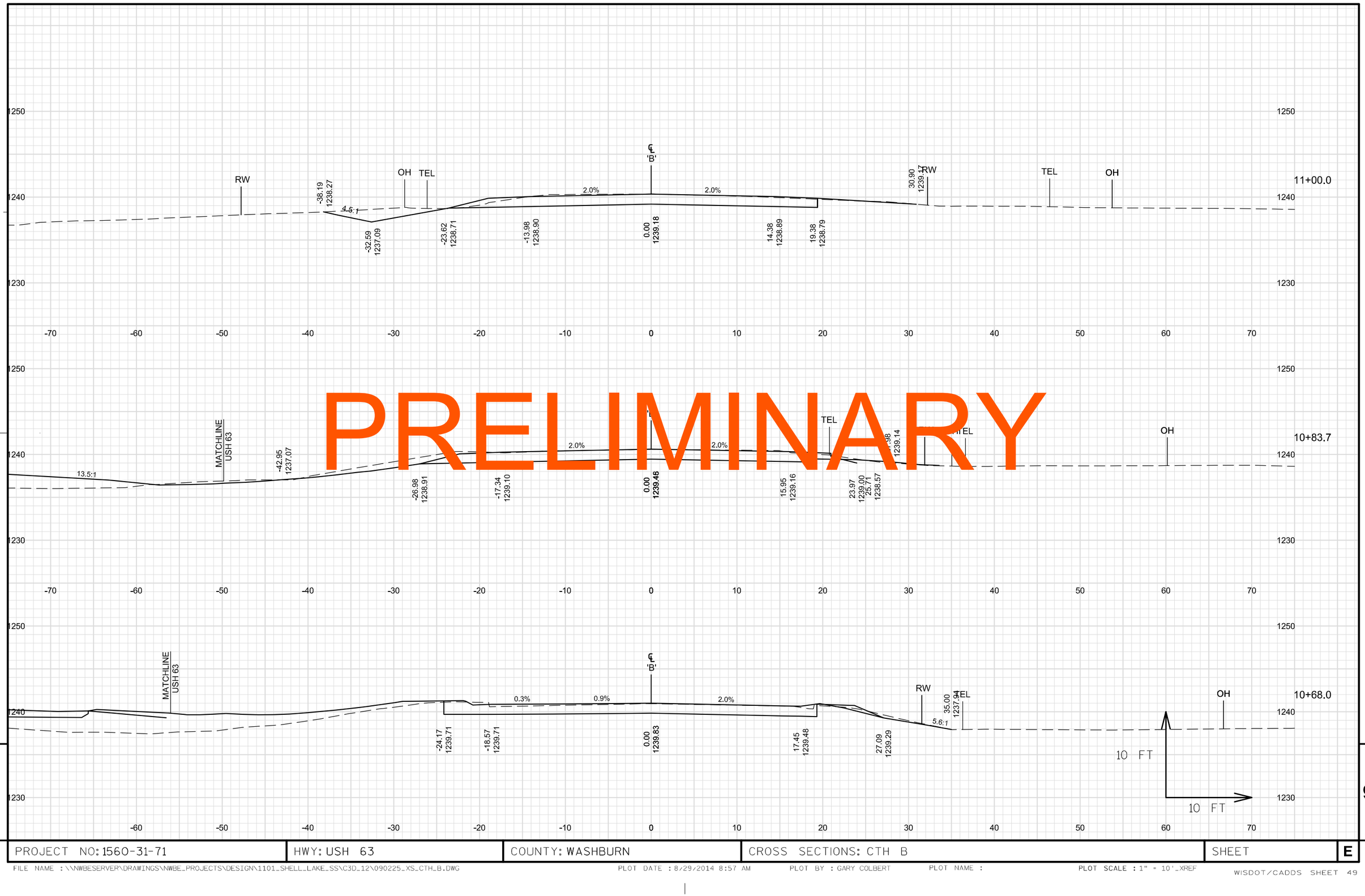
PROJECT NO: 1560-31-71	HWY: USH 63	COUNTY: WASHBURN	CROSS SECTIONS: CTH B	SHEET	E

FILE NAME : \\NWBESERVER\DRAWINGS\NWBE_PROJECTS\DESIGN\1101_SHELL_LAKE_SS\C3D_12\090225_XS_CTH_B.DWG PLOT DATE : 8/29/2014 8:57 AM PLOT BY : GARY COLBERT PLOT NAME : PLOT SCALE : 1" = 10'_XREF
WISDOT/CADDS SHEET 49



PRELIMINARY

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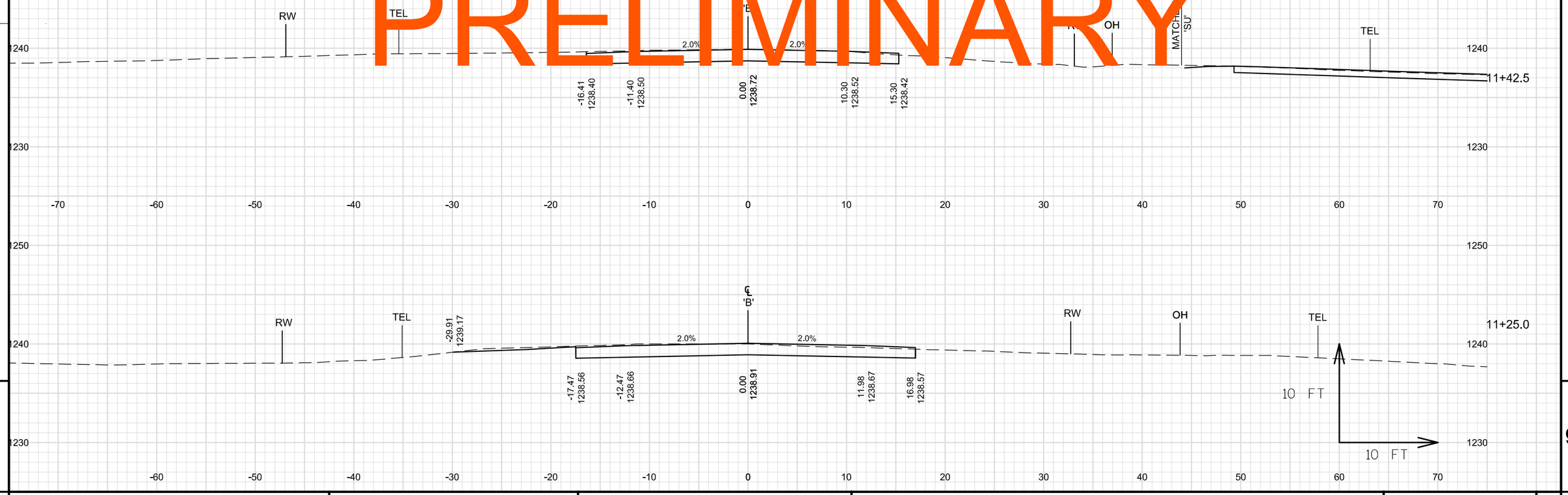
9

PROJECT NO: 1560-31-71	HWY: USH 63	COUNTY: WASHBURN	CROSS SECTIONS: CTH B	SHEET	E

FILE NAME : \\NWBESERVER\DRAWINGS\NWBE_PROJECTS\DESIGN\1101_SHELL_LAKE_SS\C3D_12\090225_XS_CTH_B.DWG PLOT DATE : 8/29/2014 8:57 AM PLOT BY : GARY COLBERT PLOT NAME : PLOT SCALE : 1" = 10'_XREF

STA. 11+42.5
END CONSTRUCTION

PRELIMINARY



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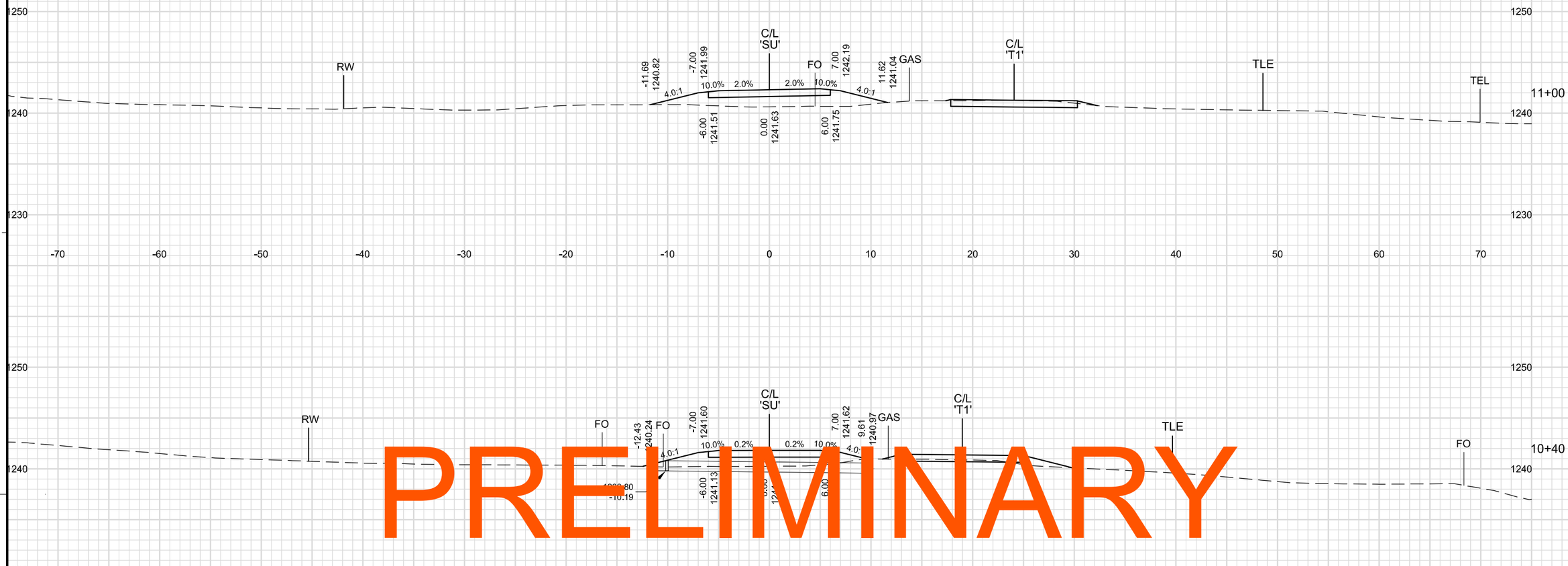
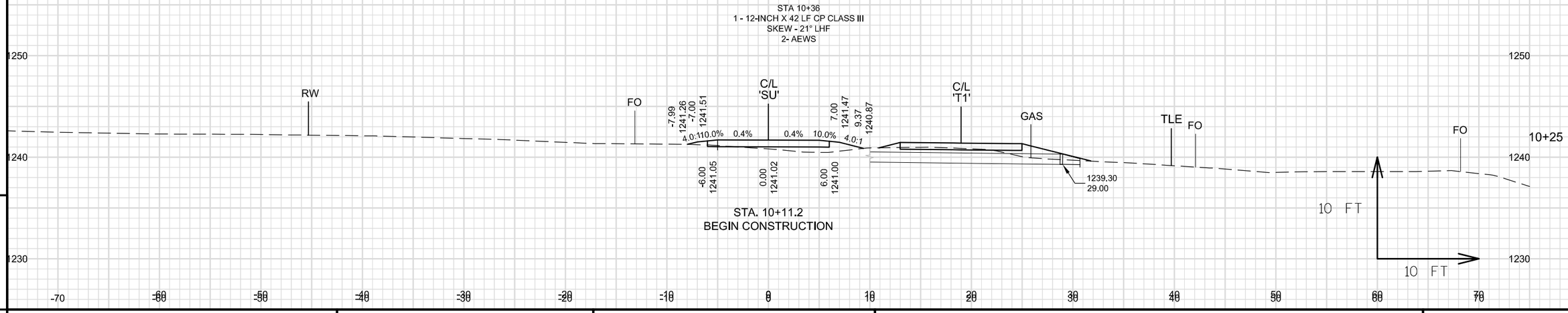
9

PROJECT NO: 1560-31-71	HWY: USH 63	COUNTY: WASHBURN	CROSS SECTIONS: CTH B	SHEET	E

FILE NAME : \\NWBESERVER\DRAWINGS\NWBE_PROJECTS\DESIGN\1101_SHELL_LAKE_SS\C3D_12\090225_XS_CTH_B.DWG PLOT DATE : 8/29/2014 8:58 AM PLOT BY : GARY COLBERT PLOT NAME : PLOT SCALE : 1" = 10'_XREF



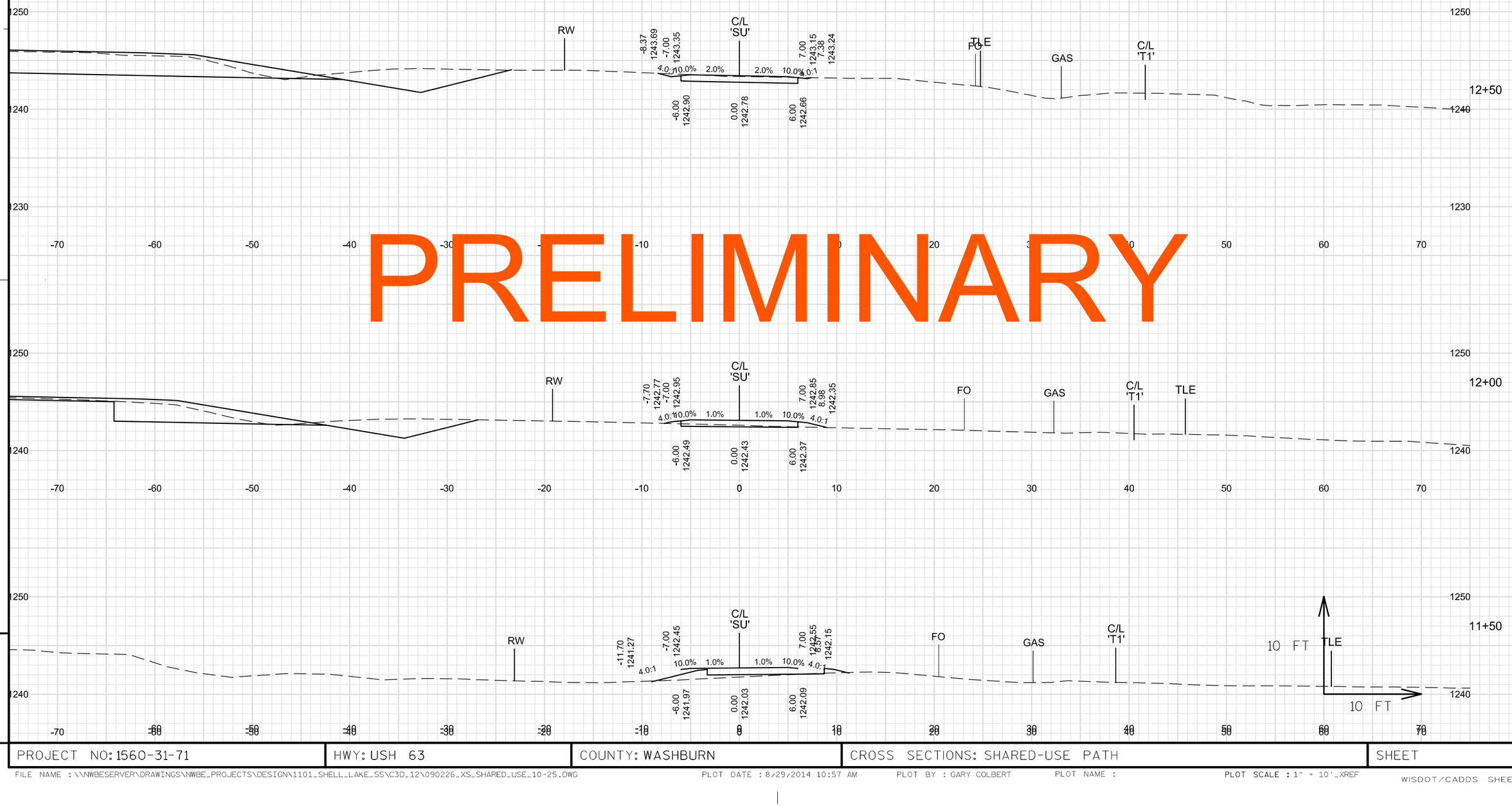
PRELIMINARY



STA. 10+11.2
BEGIN CONSTRUCTION

9 9

PROJECT NO: 1560-31-71	HWY: USH 63	COUNTY: WASHBURN	CROSS SECTIONS: SHARED-USE PATH	SHEET	E



PRELIMINARY

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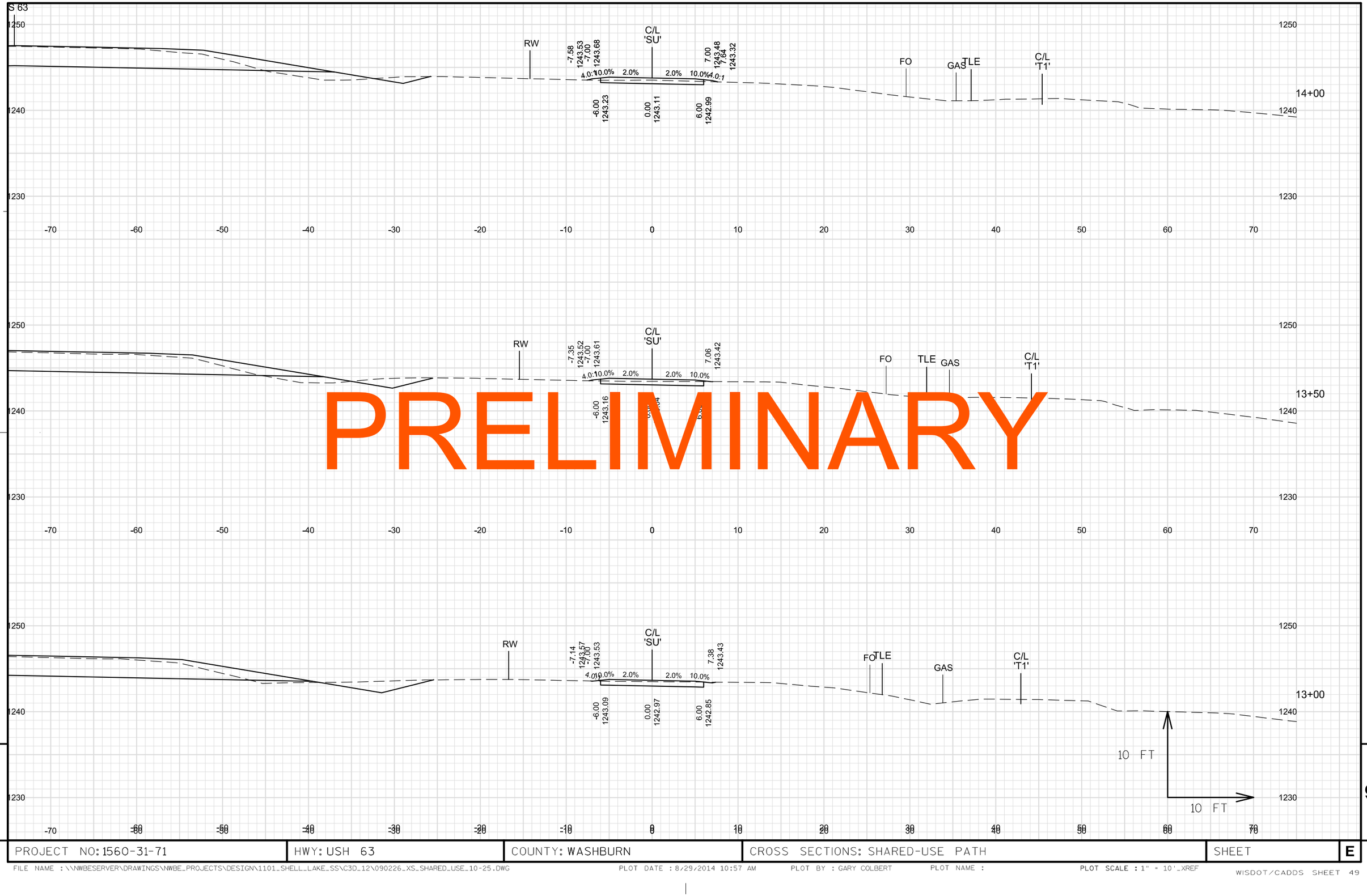
9

PROJECT NO: 1560-31-71	HWY: USH 63	COUNTY: WASHBURN	CROSS SECTIONS: SHARED-USE PATH	SHEET	E

FILE NAME : \\NWBESERVER\DRAWINGS\NWBE_PROJECTS\DESIGN\1101_SHELL_LAKE_SS\C3D_12\090226_XS_SHARED_USE_10-25.DWG
PLOT DATE : 8/29/2014 10:57 AM
PLOT BY : GARY COLBERT
PLOT NAME :
PLOT SCALE : 1" = 10'_XREF
WISDOT/CADDS SHEET 49



PRELIMINARY

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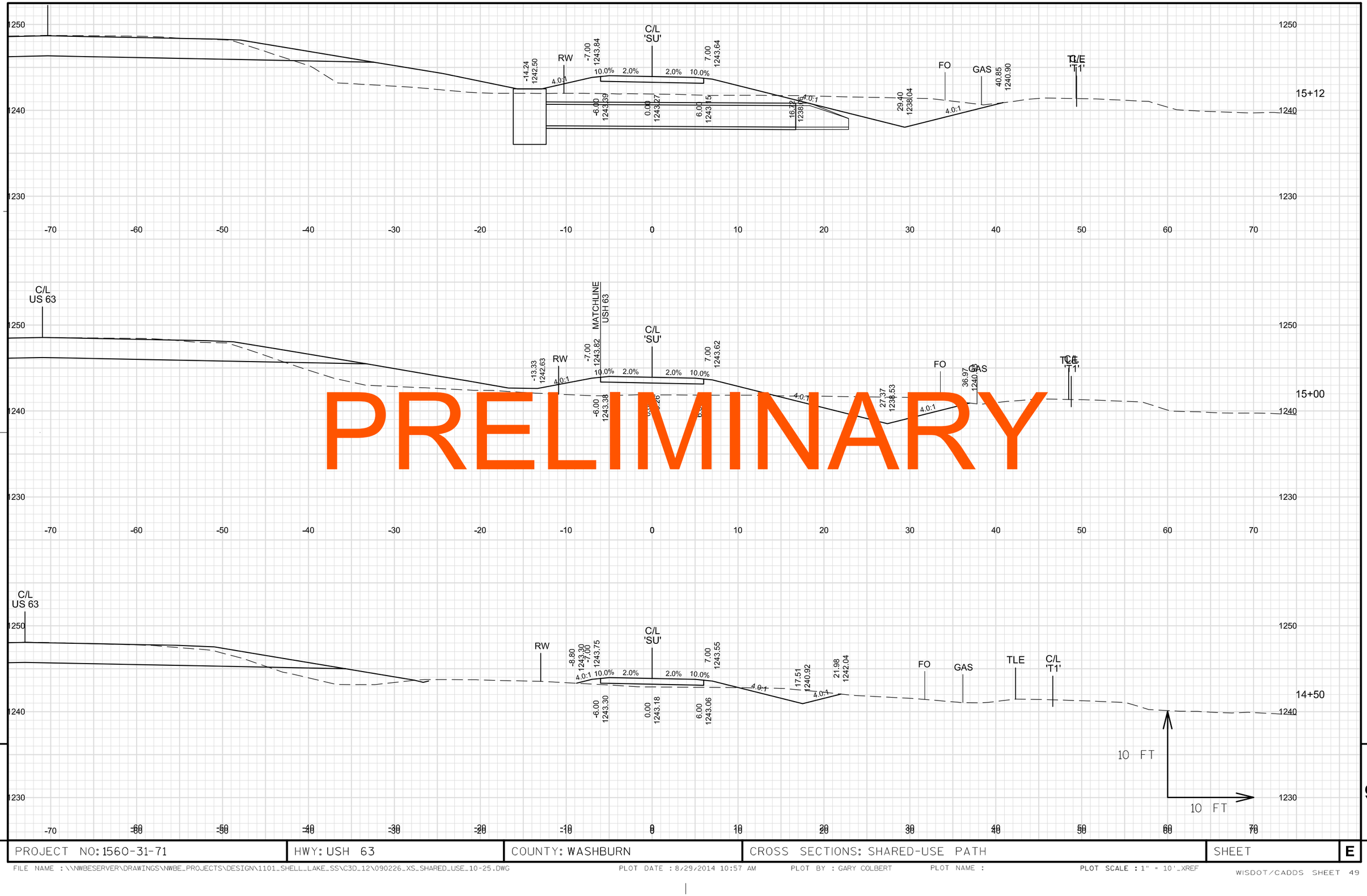
9

PROJECT NO: 1560-31-71	HWY: USH 63	COUNTY: WASHBURN	CROSS SECTIONS: SHARED-USE PATH	SHEET	E

FILE NAME : \\NWBESERVER\DRAWINGS\NWBE_PROJECTS\DESIGN\1101_SHELL_LAKE_SS\C3D_12\090226_XS_SHARED_USE_10-25.DWG PLOT DATE : 8/29/2014 10:57 AM PLOT BY : GARY COLBERT PLOT NAME : PLOT SCALE : 1" = 10'_XREF
WISDOT/CADDS SHEET 49



PRELIMINARY

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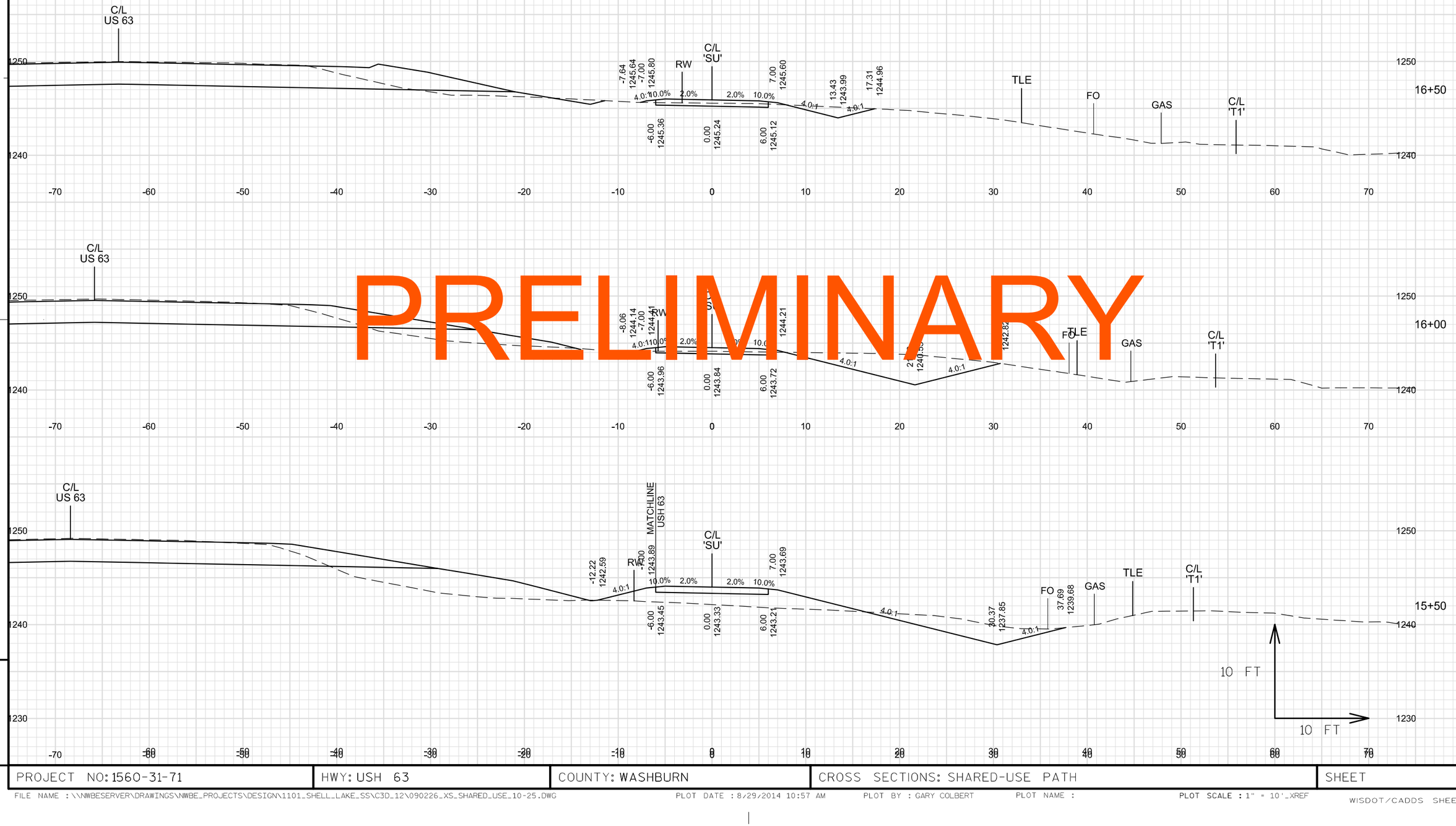
9

PROJECT NO: 1560-31-71	HWY: USH 63	COUNTY: WASHBURN	CROSS SECTIONS: SHARED-USE PATH	SHEET	E

FILE NAME : \\NWBESERVER\DRAWINGS\NWBE_PROJECTS\DESIGN\1101_SHELL_LAKE_SS\C3D_12\090226_XS_SHARED_USE_10-25.DWG PLOT DATE : 8/29/2014 10:57 AM PLOT BY : GARY COLBERT PLOT NAME : PLOT SCALE : 1" = 10'_XREF
WISDOT/CADDS SHEET 49



PRELIMINARY

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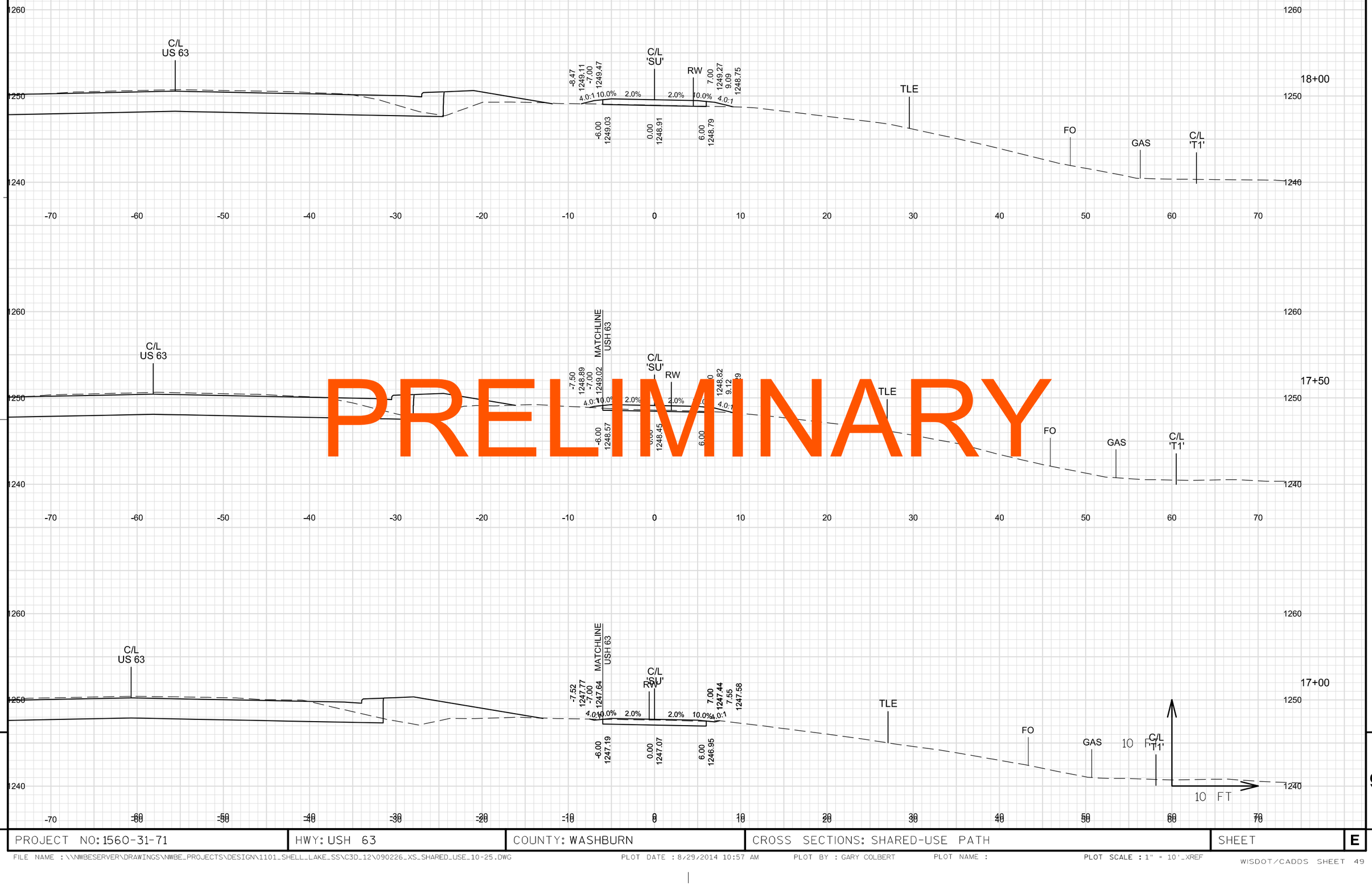
9

PROJECT NO: 1560-31-71	HWY: USH 63	COUNTY: WASHBURN	CROSS SECTIONS: SHARED-USE PATH	SHEET	E

FILE NAME : \\NWBESERVER\DRAWINGS\NWBE_PROJECTS\DESIGN\1101_SHELL_LAKE_SS\C3D_12\090226_XS_SHARED_USE_10-25.DWG PLOT DATE : 8/29/2014 10:57 AM PLOT BY : GARY COLBERT PLOT NAME : PLOT SCALE : 1" = 10'_XREF
WISDOT/CADDS SHEET 49



PRELIMINARY

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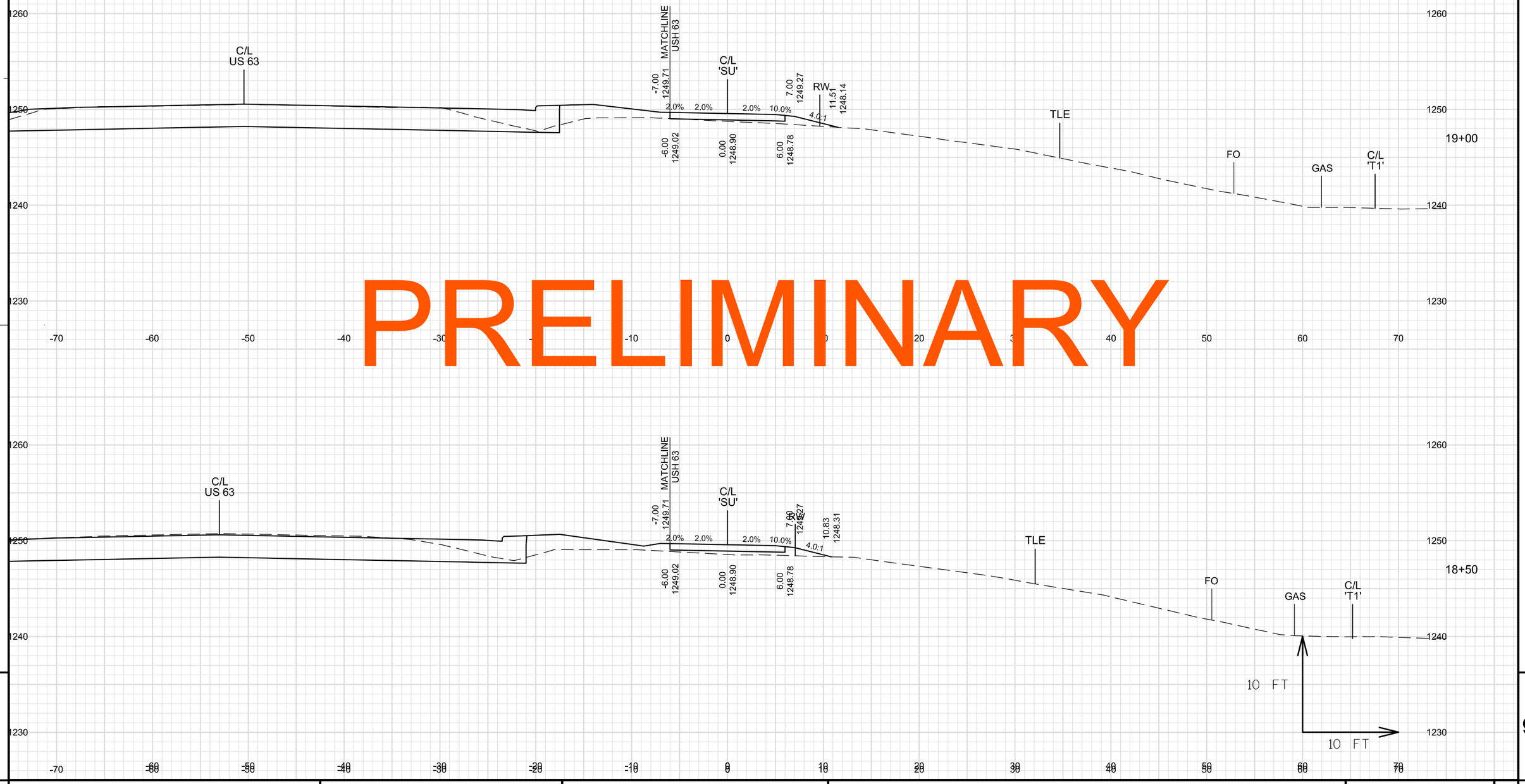
PROJECT NO: 1560-31-71	HWY: USH 63	COUNTY: WASHBURN	CROSS SECTIONS: SHARED-USE PATH	SHEET	E

FILE NAME : \\NWBESERVER\DRAWINGS\NWBE_PROJECTS\DESIGN\1101_SHELL_LAKE_SS\C3D_12\090226_XS_SHARED_USE_10-25.DWG
PLOT DATE : 8/29/2014 10:57 AM
PLOT BY : GARY COLBERT
PLOT NAME :
PLOT SCALE : 1" = 10'_XREF
WISDOT/CADDS SHEET 49



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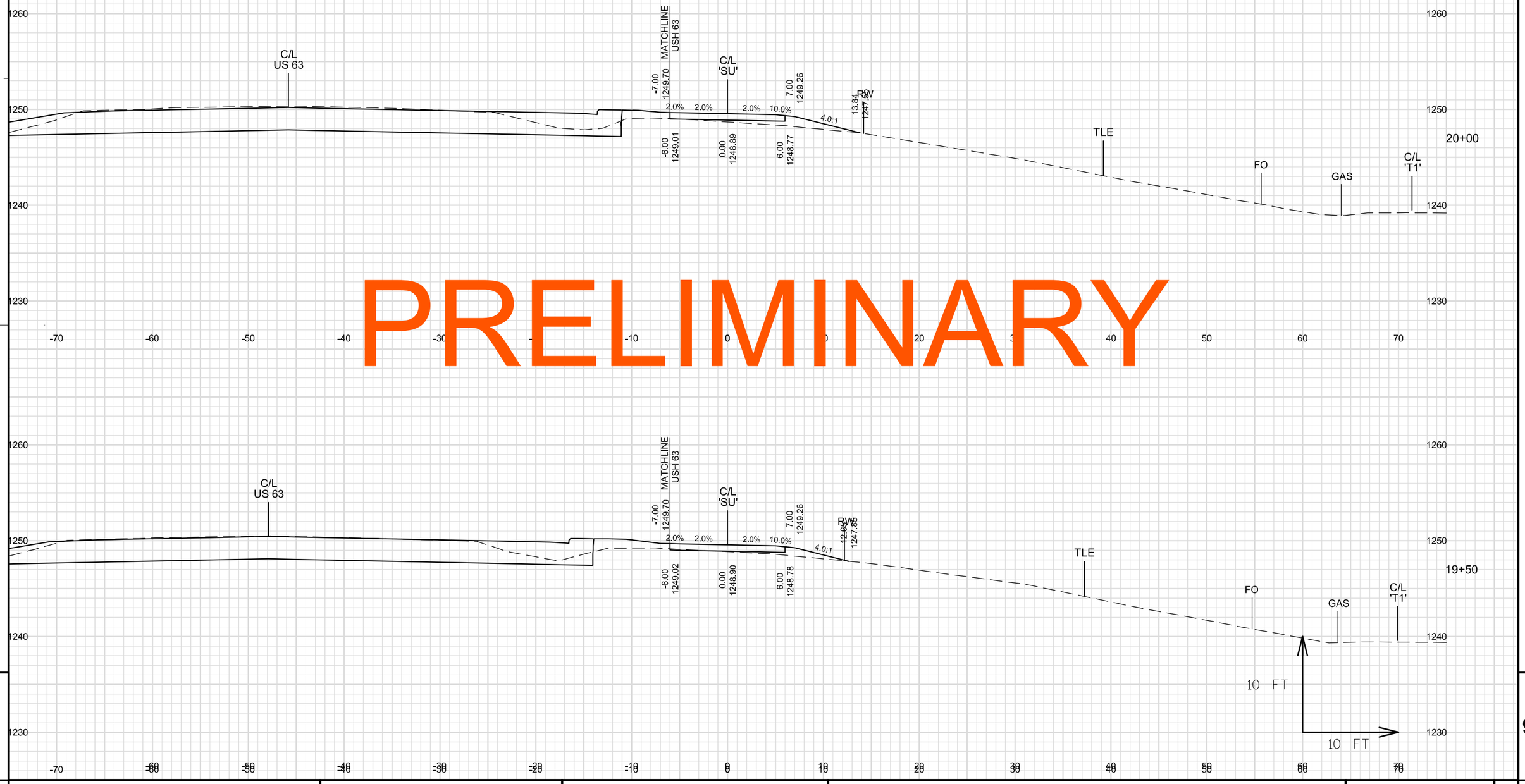
PROJECT NO: 1560-31-71	HWY: USH 63	COUNTY: WASHBURN	CROSS SECTIONS: SHARED-USE PATH	SHEET	E

FILE NAME : \\NWBESERVER\DRAWINGS\NWBE_PROJECTS\DESIGN\1101_SHELL_LAKE_SS\C3D_12\090226_XS_SHARED_USE_10-25.DWG PLOT DATE : 8/29/2014 10:58 AM PLOT BY : GARY COLBERT PLOT NAME : PLOT SCALE : 1" = 10'_XREF

WISDOT/CADDS SHEET 49



PRELIMINARY

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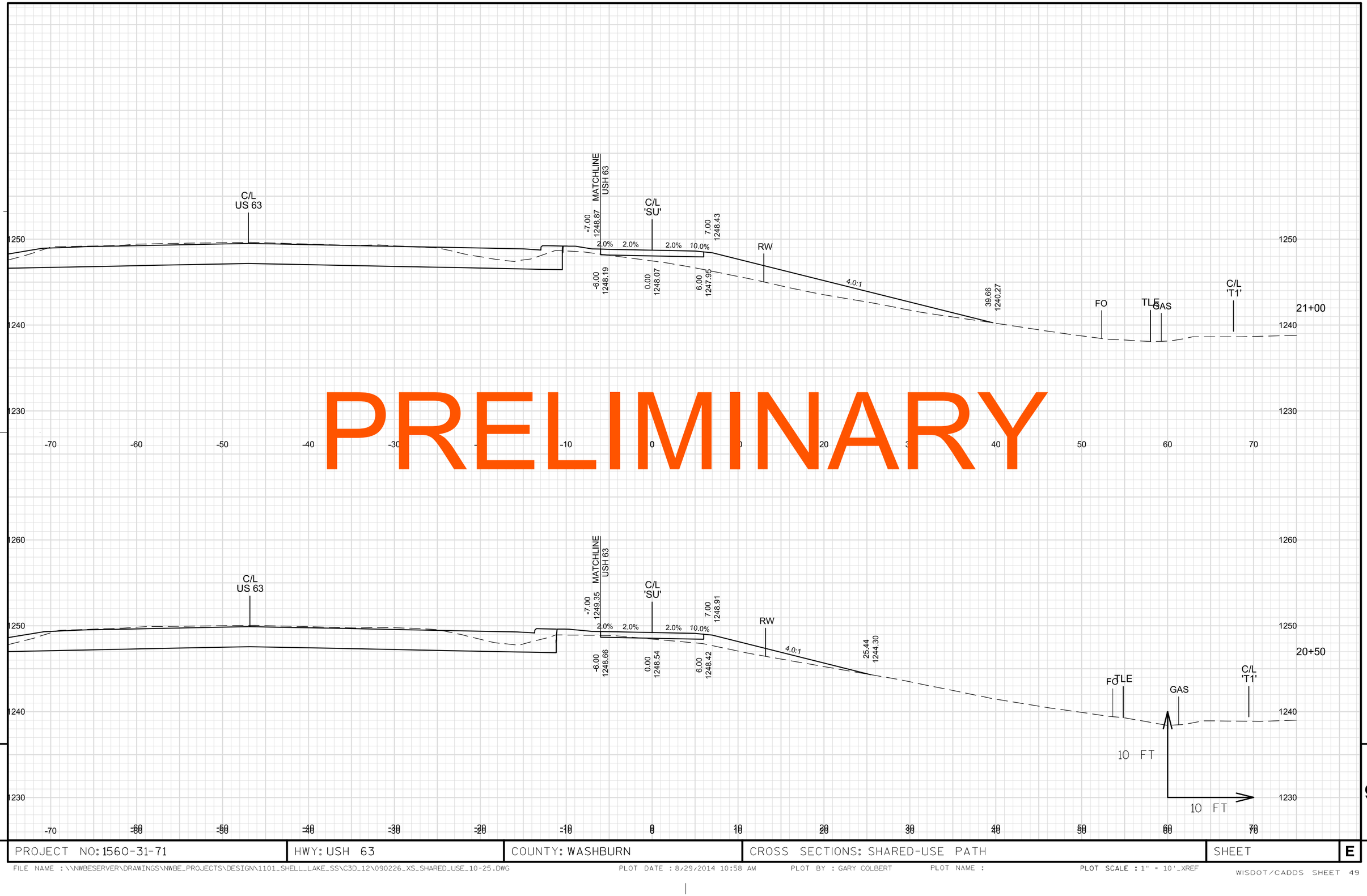
PROJECT NO: 1560-31-71	HWY: USH 63	COUNTY: WASHBURN	CROSS SECTIONS: SHARED-USE PATH	SHEET	E

FILE NAME : \\NWBESERVER\DRAWINGS\NWBE_PROJECTS\DESIGN\1101_SHELL_LAKE_SS\C3D_12\090226_XS_SHARED_USE_10-25.DWG PLOT DATE : 8/29/2014 10:58 AM PLOT BY : GARY COLBERT PLOT NAME : PLOT SCALE : 1" = 10'_XREF
WISDOT/CADDS SHEET 49



PRELIMINARY

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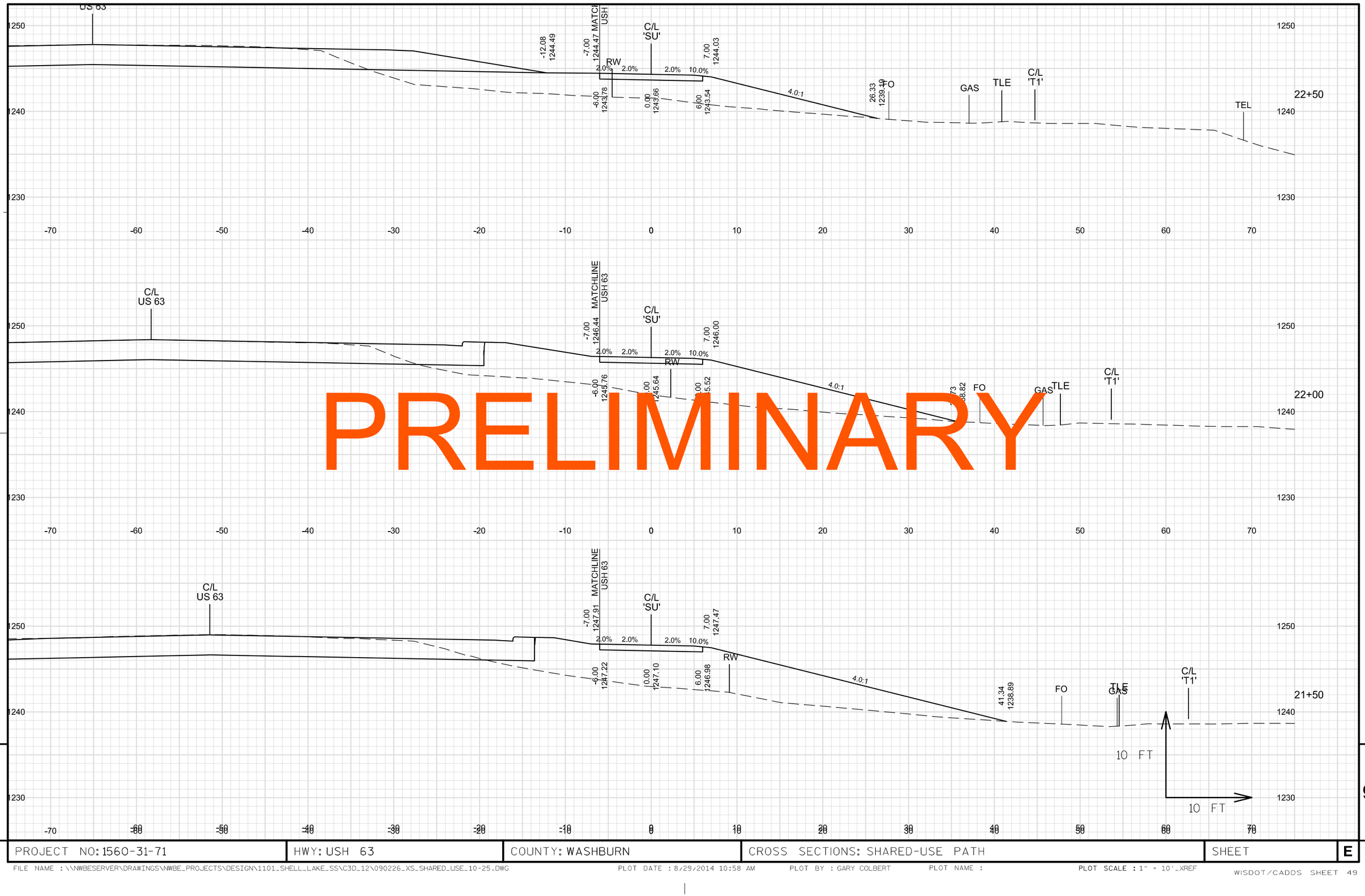
PROJECT NO: 1560-31-71	HWY: USH 63	COUNTY: WASHBURN	CROSS SECTIONS: SHARED-USE PATH	SHEET	E

FILE NAME : \\NWBESERVER\DRAWINGS\NWBE_PROJECTS\DESIGN\1101_SHELL_LAKE_SS\C3D_12\090226_XS_SHARED_USE_10-25.DWG PLOT DATE : 8/29/2014 10:58 AM PLOT BY : GARY COLBERT PLOT NAME : PLOT SCALE : 1" = 10'_XREF
WISDOT/CADDS SHEET 49



PRELIMINARY

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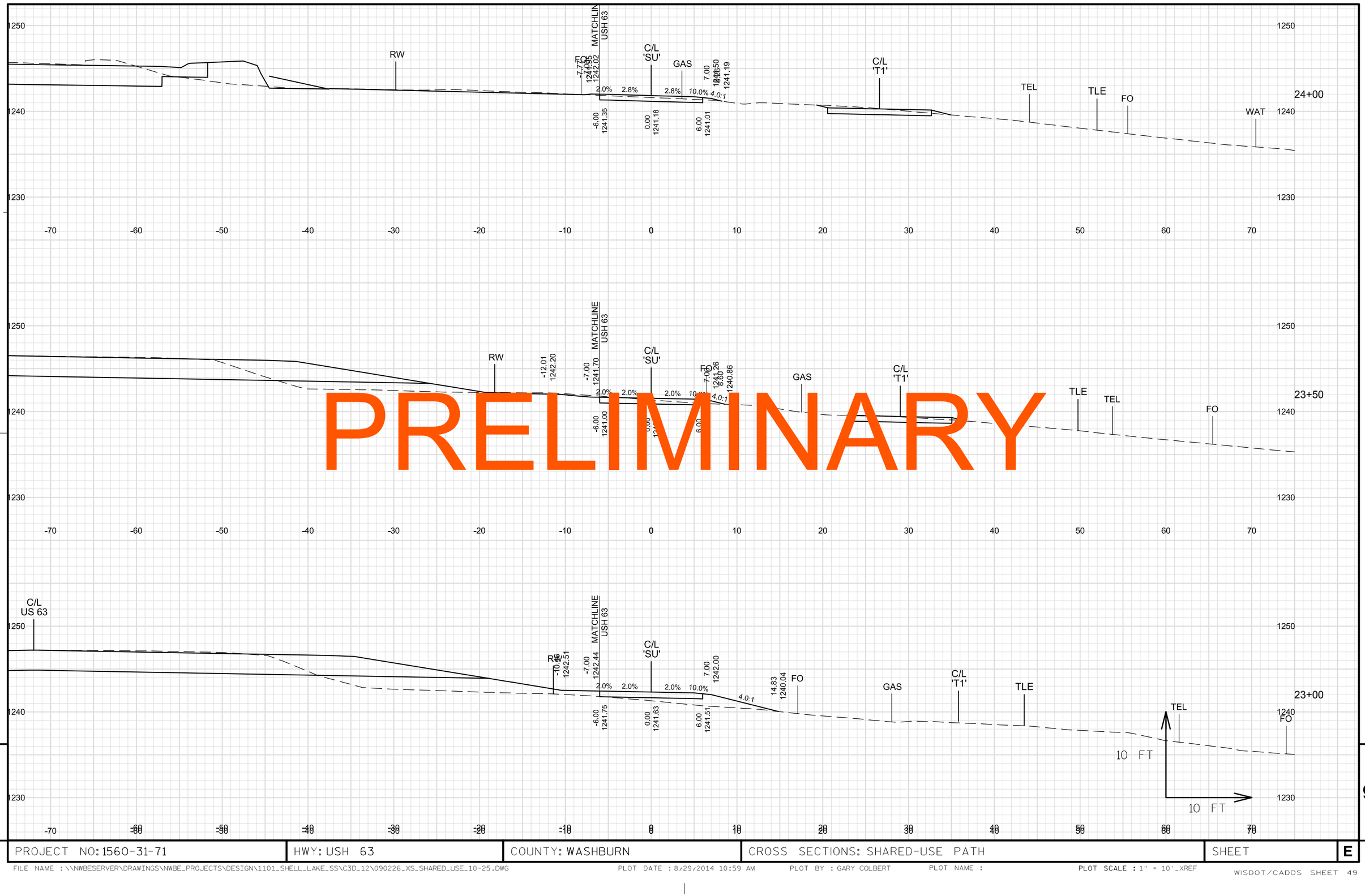
PROJECT NO: 1560-31-71	HWY: USH 63	COUNTY: WASHBURN	CROSS SECTIONS: SHARED-USE PATH	SHEET	E

FILE NAME : \\NWBESERVER\DRAWINGS\NWBE_PROJECTS\DESIGN\1101_SHELL_LAKE_SS\C3D_12\090226_XS_SHARED_USE_10-25.DWG
PLOT DATE : 8/29/2014 10:58 AM
PLOT BY : GARY COLBERT
PLOT NAME :
PLOT SCALE : 1" = 10'_XREF
WISDOT/CADDS SHEET 49

PRELIMINARY



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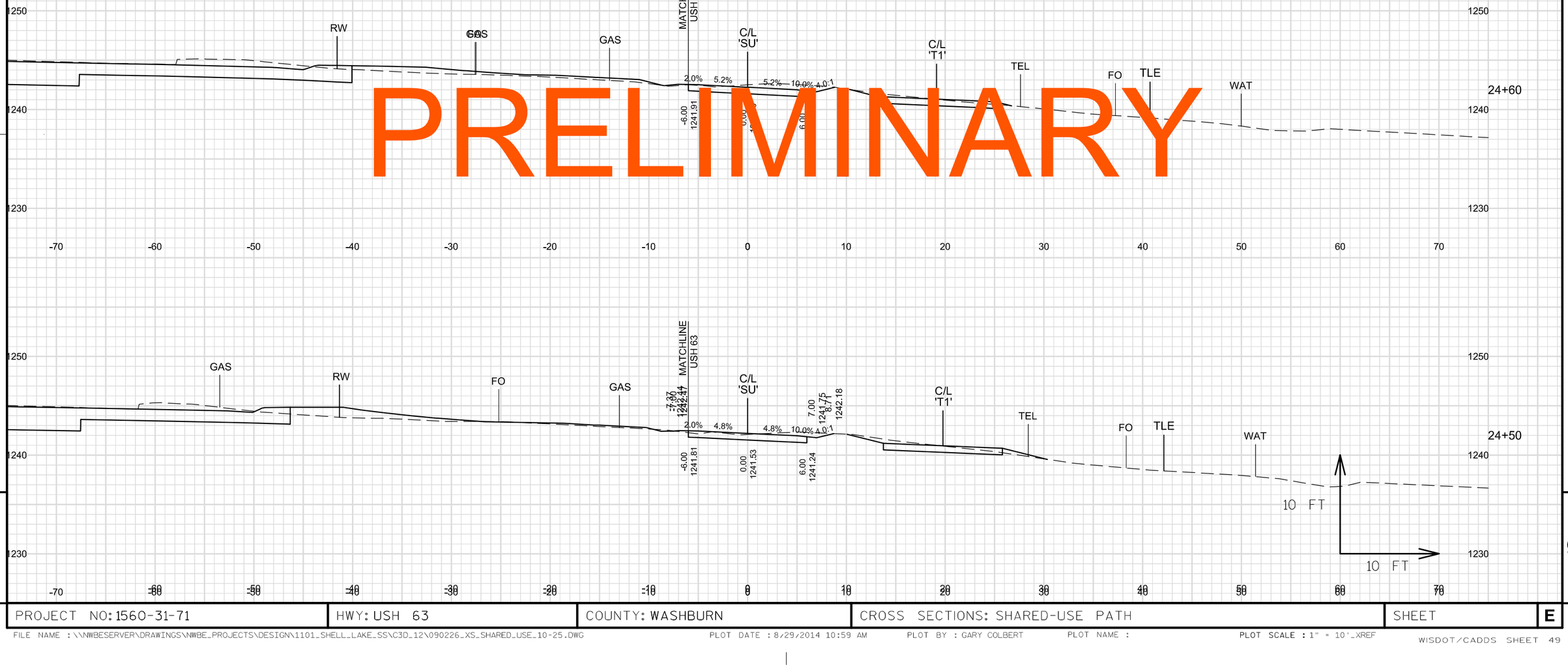
PROJECT NO: 1560-31-71	HWY: USH 63	COUNTY: WASHBURN	CROSS SECTIONS: SHARED-USE PATH	SHEET	E

STA. 24+70.6
END GRADING



PRELIMINARY

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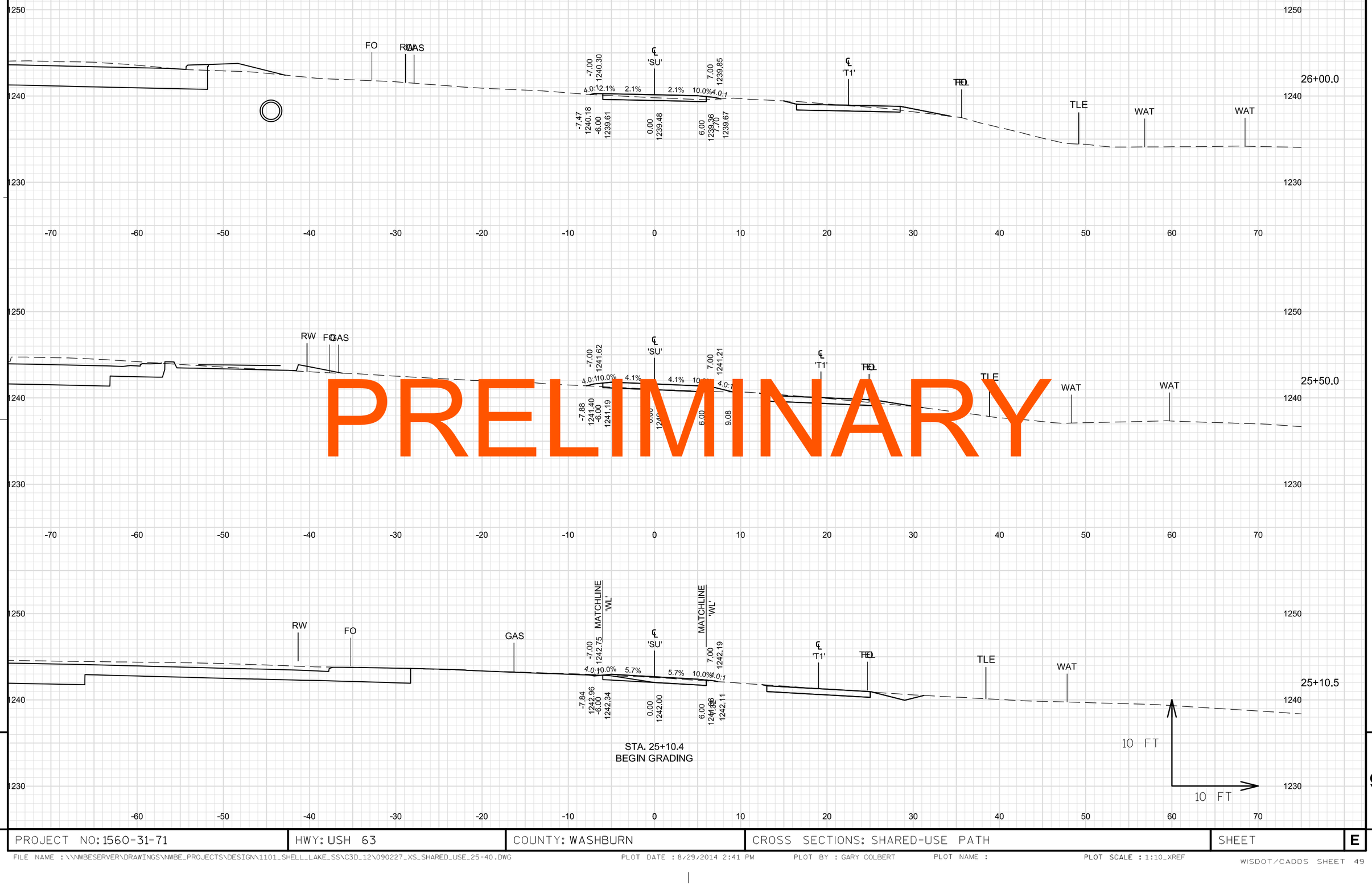
PROJECT NO: 1560-31-71	HWY: USH 63	COUNTY: WASHBURN	CROSS SECTIONS: SHARED-USE PATH	SHEET	E

FILE NAME : \\NWBESERVER\DRAWINGS\NWBE_PROJECTS\DESIGN\1101_SHELL_LAKE_SS\C3D_12\090226_XS_SHARED_USE_10-25.DWG PLOT DATE : 8/29/2014 10:59 AM PLOT BY : GARY COLBERT PLOT NAME : PLOT SCALE : 1" = 10'_XREF

WISDOT/CADDS SHEET 49

PRELIMINARY



PROJECT NO: 1560-31-71	HWY: USH 63	COUNTY: WASHBURN	CROSS SECTIONS: SHARED-USE PATH	SHEET	E

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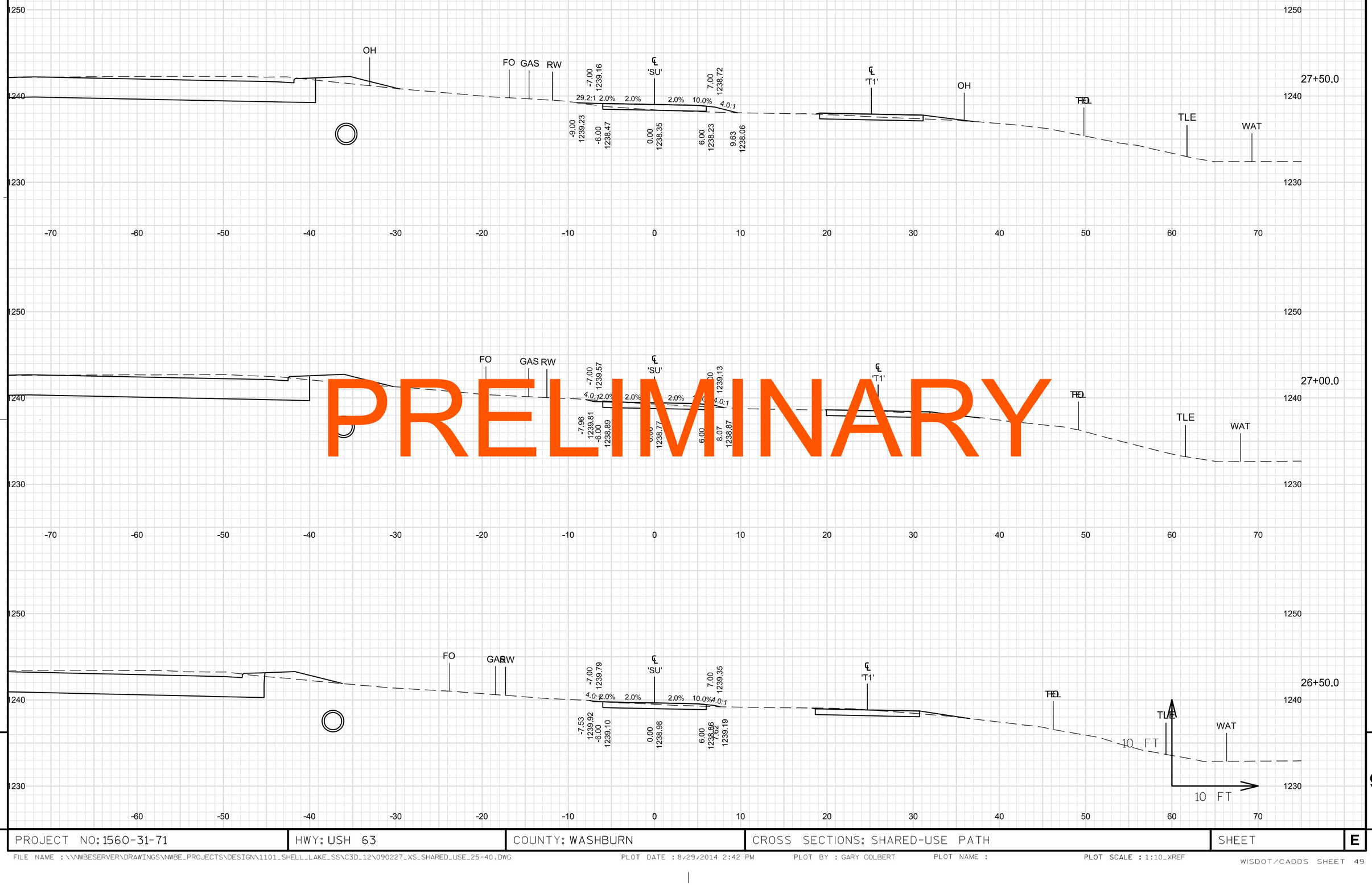
FILE NAME : \\NWBESERVER\DRAWINGS\NWBE_PROJECTS\DESIGN\1101_SHELL_LAKE_SS\C3D_12\090227_XS_SHARED_USE_25-40.DWG PLOT DATE : 8/29/2014 2:41 PM PLOT BY : GARY COLBERT PLOT NAME : PLOT SCALE : 1:10_XREF

WISDOT/CADDS SHEET 49



PRELIMINARY

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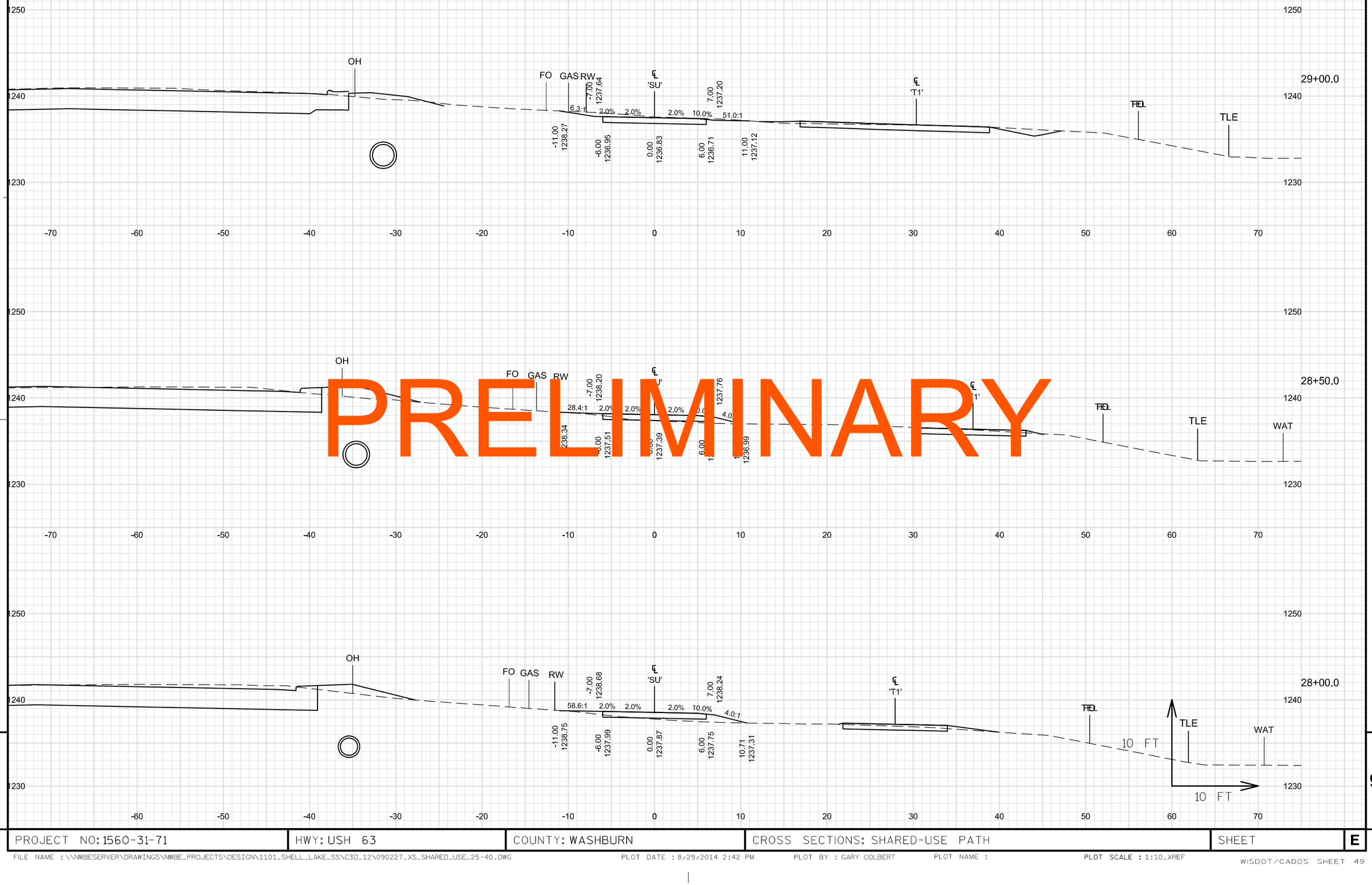
PROJECT NO: 1560-31-71	HWY: USH 63	COUNTY: WASHBURN	CROSS SECTIONS: SHARED-USE PATH	SHEET	E

FILE NAME : \\NWBESERVER\DRAWINGS\NWBE_PROJECTS\DESIGN\1101_SHELL_LAKE_SS\C3D_12\090227_XS_SHARED_USE_25-40.DWG
PLOT DATE : 8/29/2014 2:42 PM
PLOT BY : GARY COLBERT
PLOT NAME :
PLOT SCALE : 1:10_XREF
WISDOT/CADDS SHEET 49



PRELIMINARY

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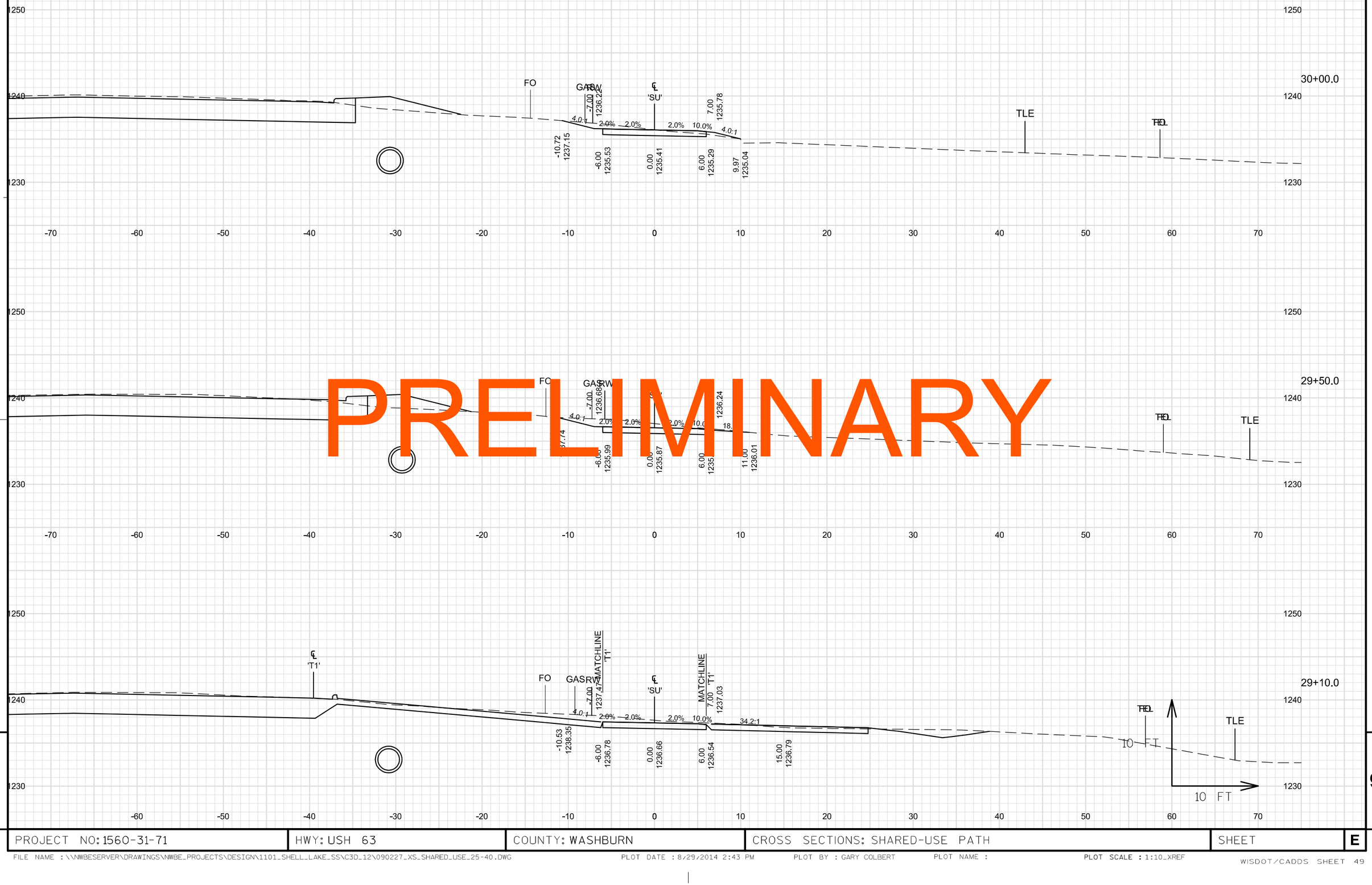
PROJECT NO: 1560-31-71	HWY: USH 63	COUNTY: WASHBURN	CROSS SECTIONS: SHARED-USE PATH	SHEET	E



PRELIMINARY

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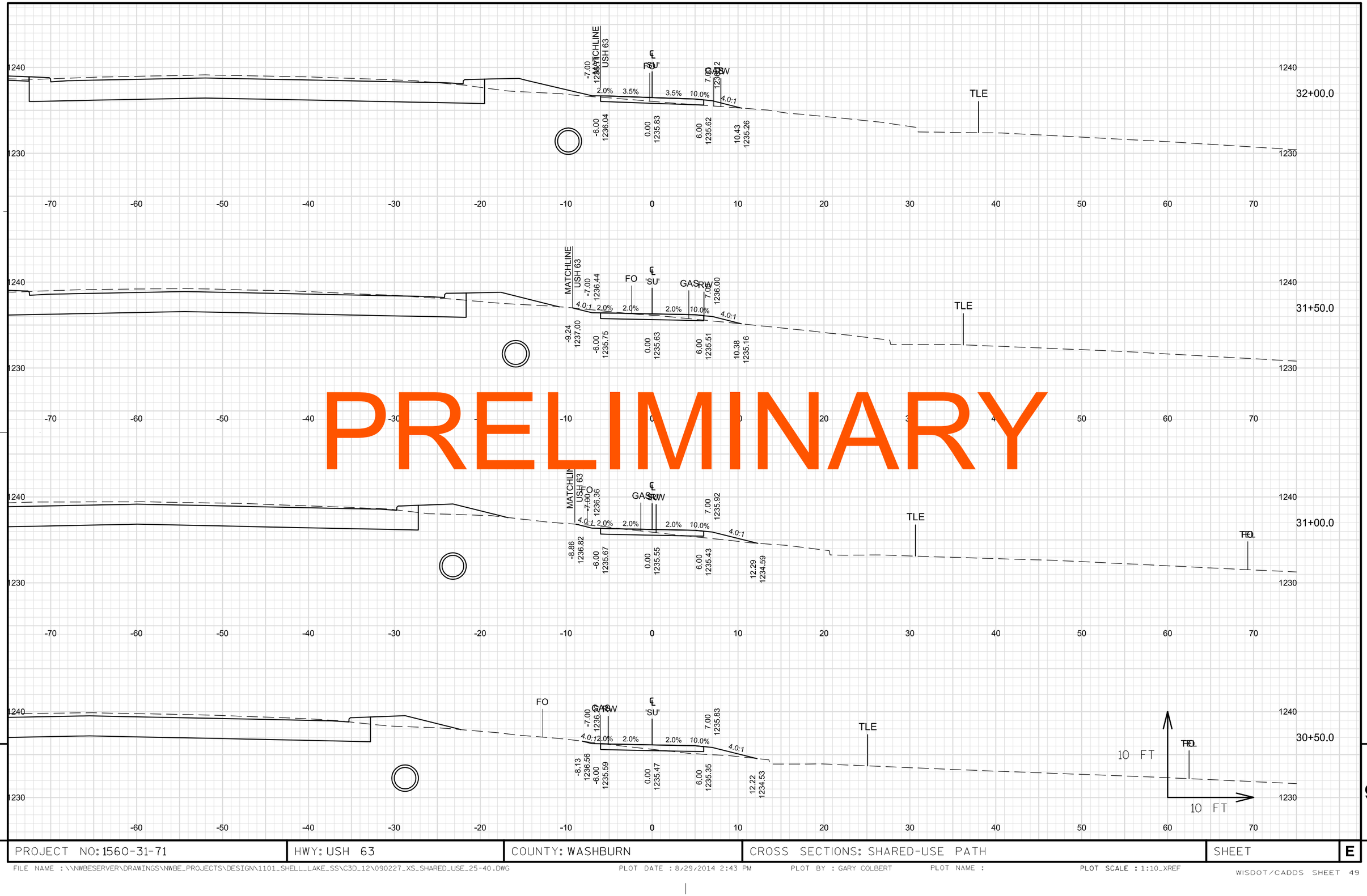
PROJECT NO: 1560-31-71	HWY: USH 63	COUNTY: WASHBURN	CROSS SECTIONS: SHARED-USE PATH	SHEET	E

FILE NAME : \\NWBESERVER\DRAWINGS\NWBE_PROJECTS\DESIGN\1101_SHELL_LAKE_SS\C3D_12\090227_XS_SHARED_USE_25-40.DWG PLOT DATE : 8/29/2014 2:43 PM PLOT BY : GARY COLBERT PLOT NAME : PLOT SCALE : 1:10_XREF



PRELIMINARY

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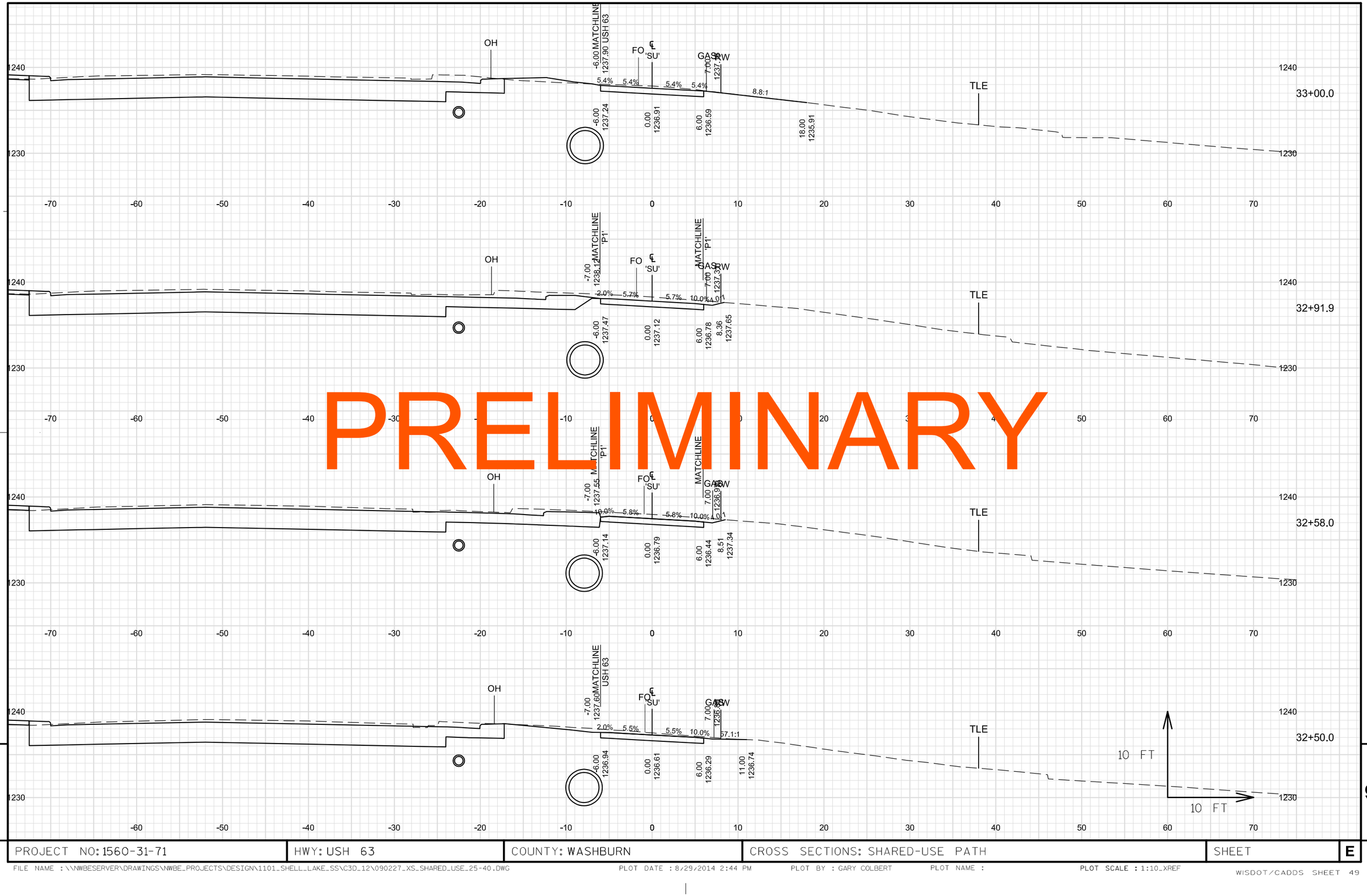
PROJECT NO: 1560-31-71	HWY: USH 63	COUNTY: WASHBURN	CROSS SECTIONS: SHARED-USE PATH	SHEET	E

FILE NAME : \\NWBESERVER\DRAWINGS\NWBE_PROJECTS\DESIGN\1101_SHELL_LAKE_SS\C3D_12\090227_XS_SHARED_USE_25-40.DWG PLOT DATE : 8/29/2014 2:43 PM PLOT BY : GARY COLBERT PLOT NAME : PLOT SCALE : 1:10_XREF



PRELIMINARY

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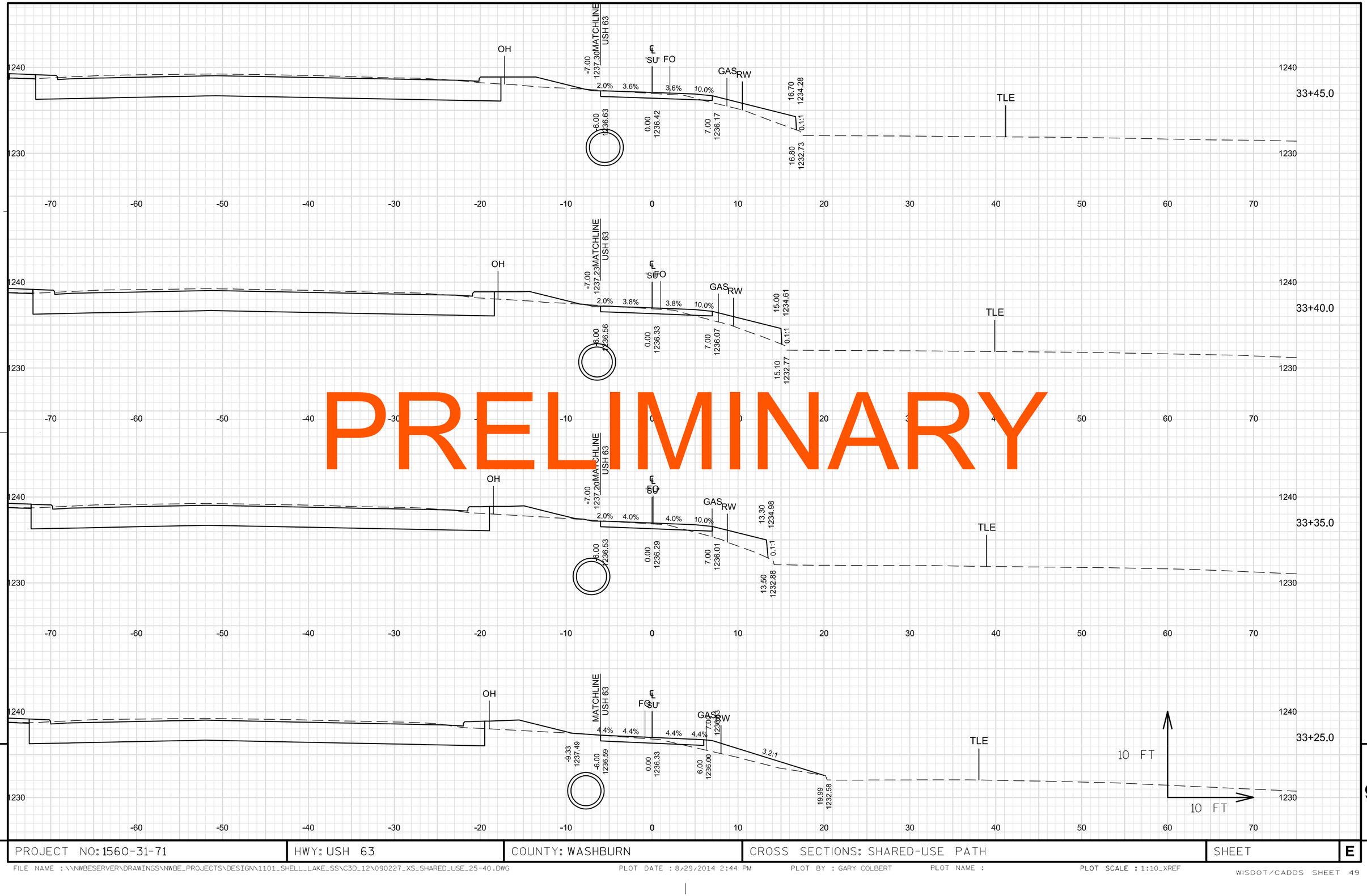
PROJECT NO: 1560-31-71	HWY: USH 63	COUNTY: WASHBURN	CROSS SECTIONS: SHARED-USE PATH	SHEET	E

FILE NAME : \\NWBESERVER\DRAWINGS\NWBE_PROJECTS\DESIGN\1101_SHELL_LAKE_SS\C3D_12\090227_XS_SHARED_USE_25-40.DWG PLOT DATE : 8/29/2014 2:44 PM PLOT BY : GARY COLBERT PLOT NAME : PLOT SCALE : 1:10_XREF



PRELIMINARY

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PROJECT NO: 1560-31-71	HWY: USH 63	COUNTY: WASHBURN	CROSS SECTIONS: SHARED-USE PATH	SHEET	E

FILE NAME : \\NWBESERVER\DRAWINGS\NWBE_PROJECTS\DESIGN\1101_SHELL_LAKE_SS\C3D_12\090227_XS_SHARED_USE_25-40.DWG PLOT DATE : 8/29/2014 2:44 PM PLOT BY : GARY COLBERT PLOT NAME : PLOT SCALE : 1:10_XREF

PRELIMINARY

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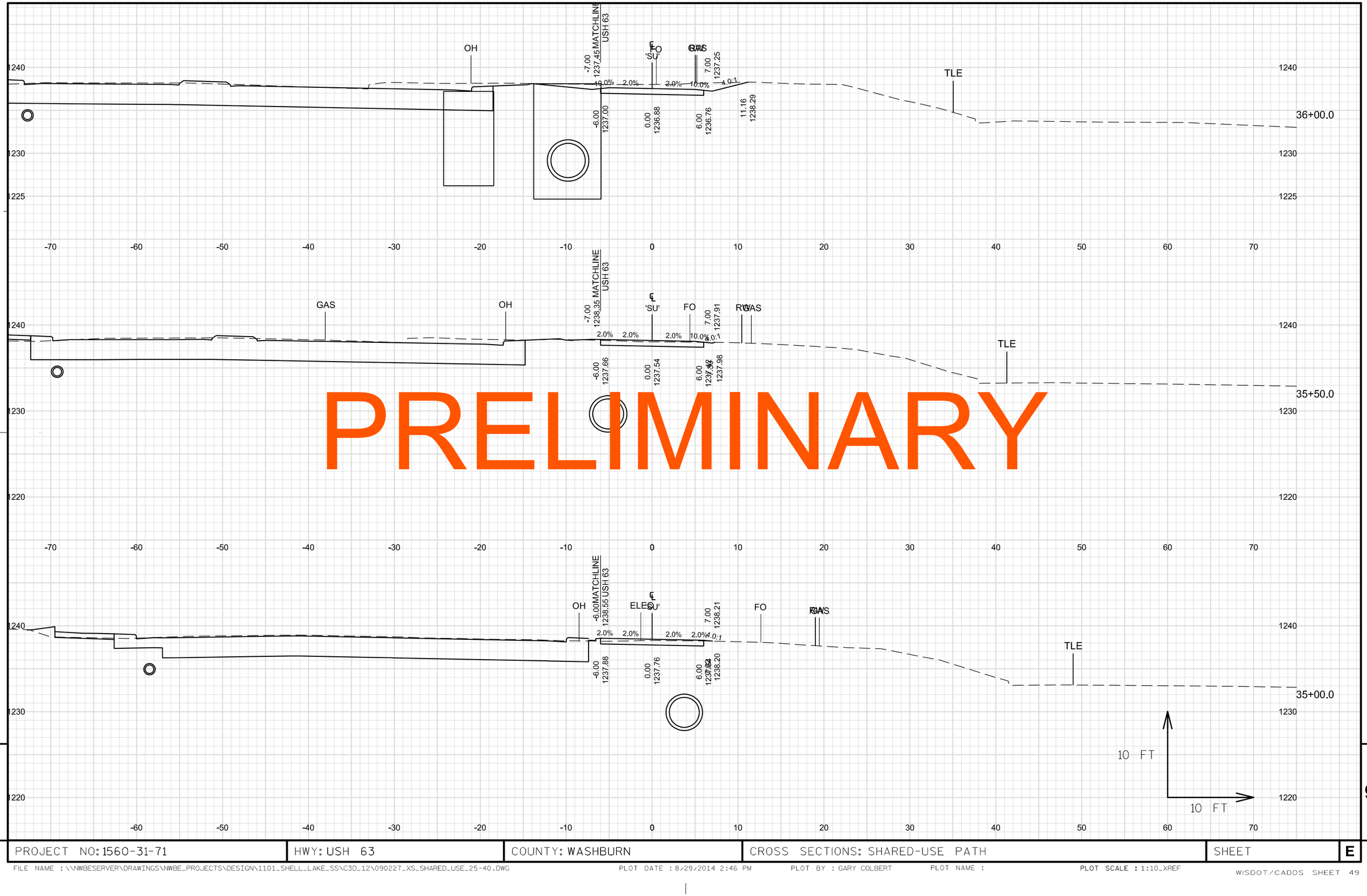
PROJECT NO: 1560-31-71	HWY: USH 63	COUNTY: WASHBURN	CROSS SECTIONS: SHARED-USE PATH	SHEET	E

FILE NAME : \\NWBESERVER\DRAWINGS\NWBE_PROJECTS\DESIGN\1101_SHELL_LAKE_SS\C3D_12\090227_XS_SHARED_USE_25-40.DWG
PLOT DATE : 8/29/2014 2:45 PM
PLOT BY : GARY COLBERT
PLOT NAME :
PLOT SCALE : 1:10_XREF



PRELIMINARY

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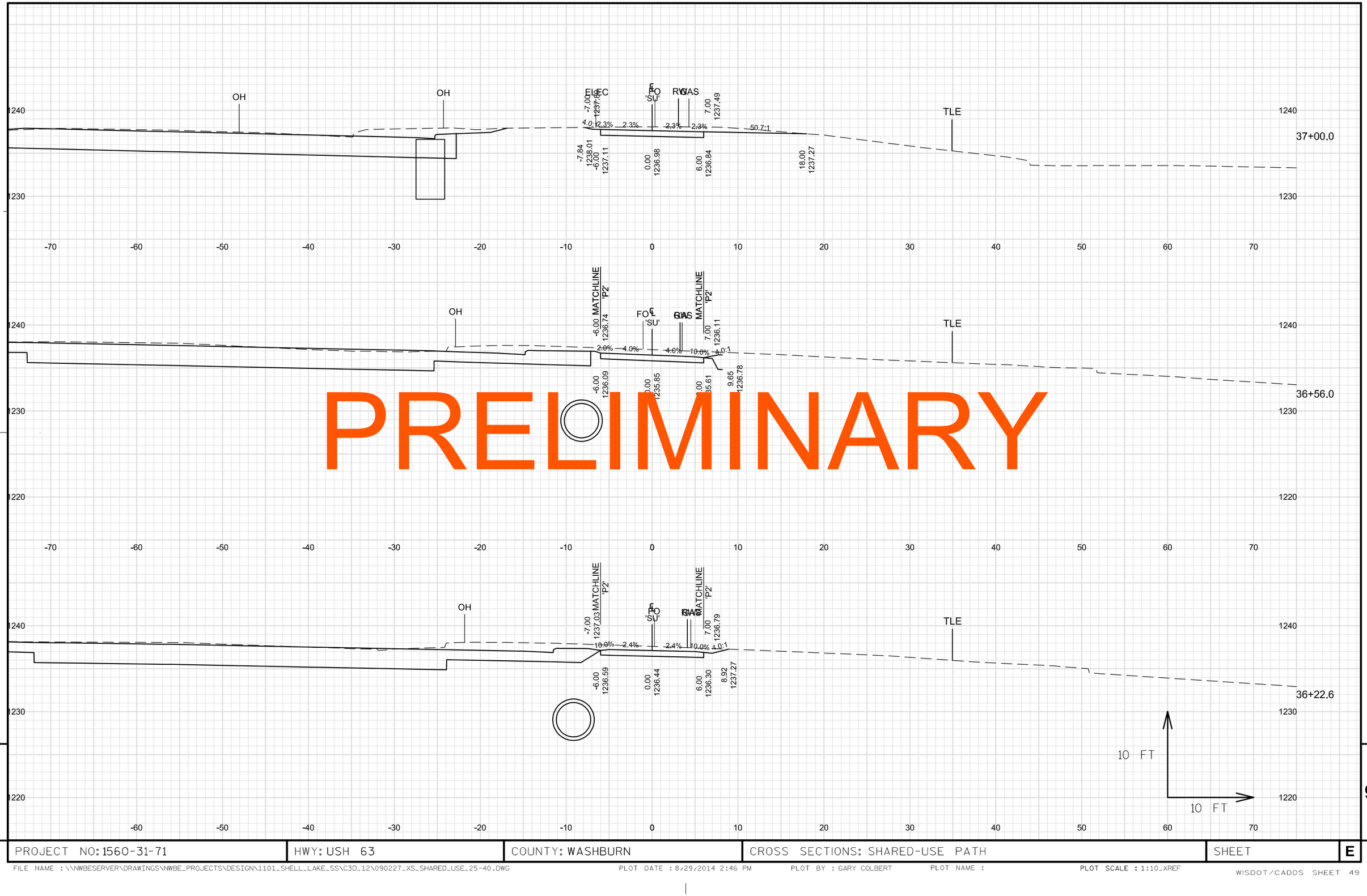
PROJECT NO: 1560-31-71	HWY: USH 63	COUNTY: WASHBURN	CROSS SECTIONS: SHARED-USE PATH	SHEET E

FILE NAME : \\NWBESERVER\DRAWINGS\NWBE_PROJECTS\DESIGN\1101_SHELL_LAKE_SS\C3D_12\090227_XS_SHARED_USE_25-40.DWG PLOT DATE : 8/29/2014 2:46 PM PLOT BY : GARY COLBERT PLOT NAME : PLOT SCALE : 1:10_XREF
WISDOT/CADDS SHEET 49



PRELIMINARY

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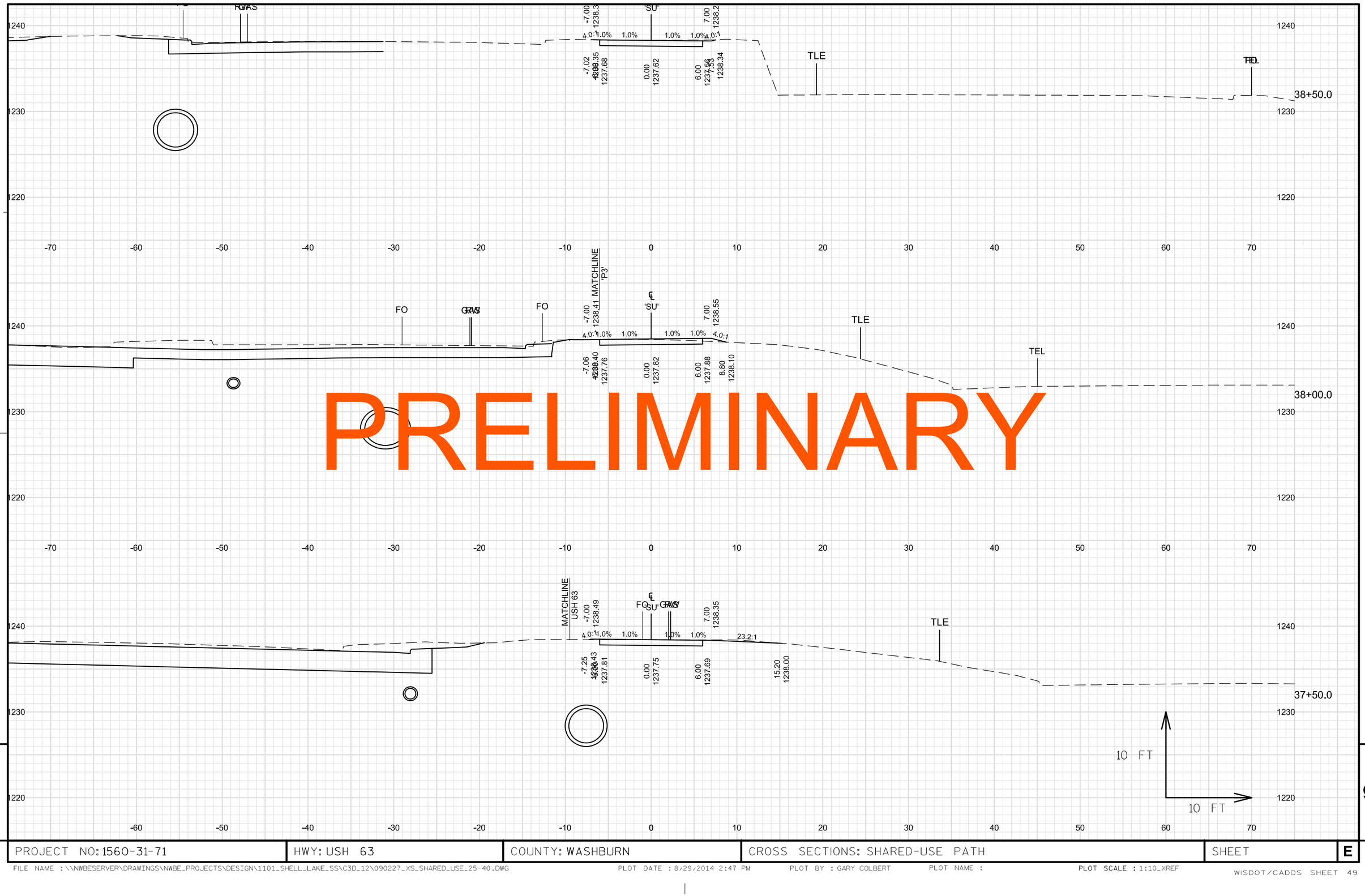
PROJECT NO: 1560-31-71	HWY: USH 63	COUNTY: WASHBURN	CROSS SECTIONS: SHARED-USE PATH	SHEET	E

FILE NAME : \\NWBESERVER\DRAWINGS\NWBE_PROJECTS\DESIGN\1101_SHELL_LAKE_SS\C3D_12\090227_XS_SHARED_USE_25-40.DWG PLOT DATE : 8/29/2014 2:46 PM PLOT BY : GARY COLBERT PLOT NAME : PLOT SCALE : 1:10_XREF
WISDOT/CADDS SHEET 49



PRELIMINARY

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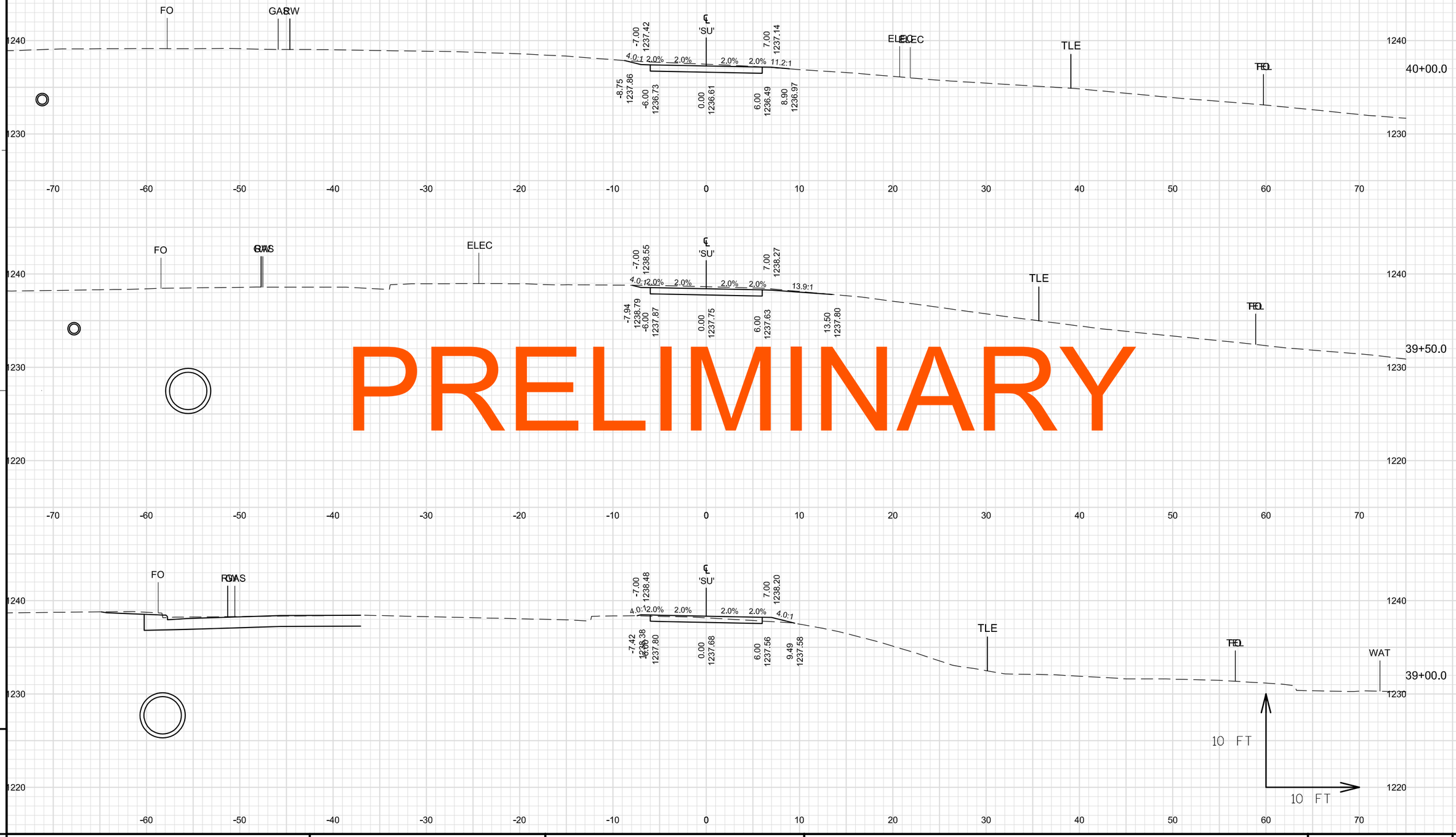
PROJECT NO: 1560-31-71	HWY: USH 63	COUNTY: WASHBURN	CROSS SECTIONS: SHARED-USE PATH	SHEET	E

FILE NAME : \\NWBESERVER\DRAWINGS\NWBE_PROJECTS\DESIGN\1101_SHELL_LAKE_SS\C3D_12\090227_XS_SHARED_USE_25-40.DWG
PLOT DATE : 8/29/2014 2:47 PM
PLOT BY : GARY COLBERT
PLOT NAME :
PLOT SCALE : 1:10_XREF
WISDOT/CADDS SHEET 49

STA. 40+00.0
END GRADING



PRELIMINARY

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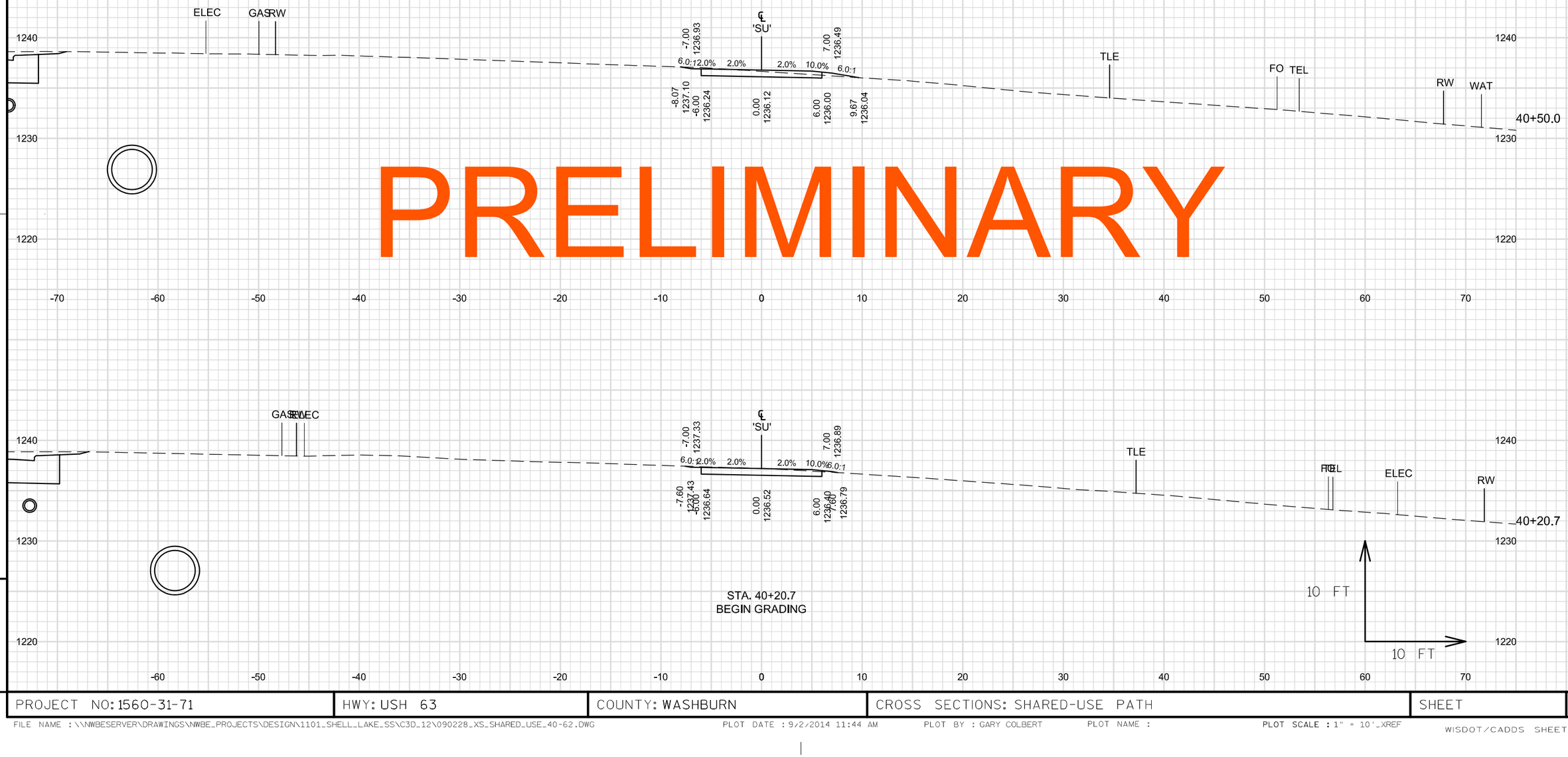
PROJECT NO: 1560-31-71	HWY: USH 63	COUNTY: WASHBURN	CROSS SECTIONS: SHARED-USE PATH	SHEET	E

FILE NAME : \\NWBESERVER\DRAWINGS\NWBE_PROJECTS\DESIGN\1101_SHELL_LAKE_SS\C3D_12\090227_XS_SHARED_USE_25-40.DWG
PLOT DATE : 8/29/2014 2:47 PM
PLOT BY : GARY COLBERT
PLOT NAME :
PLOT SCALE : 1:10_XREF
WISDOT/CADDS SHEET 49



PRELIMINARY

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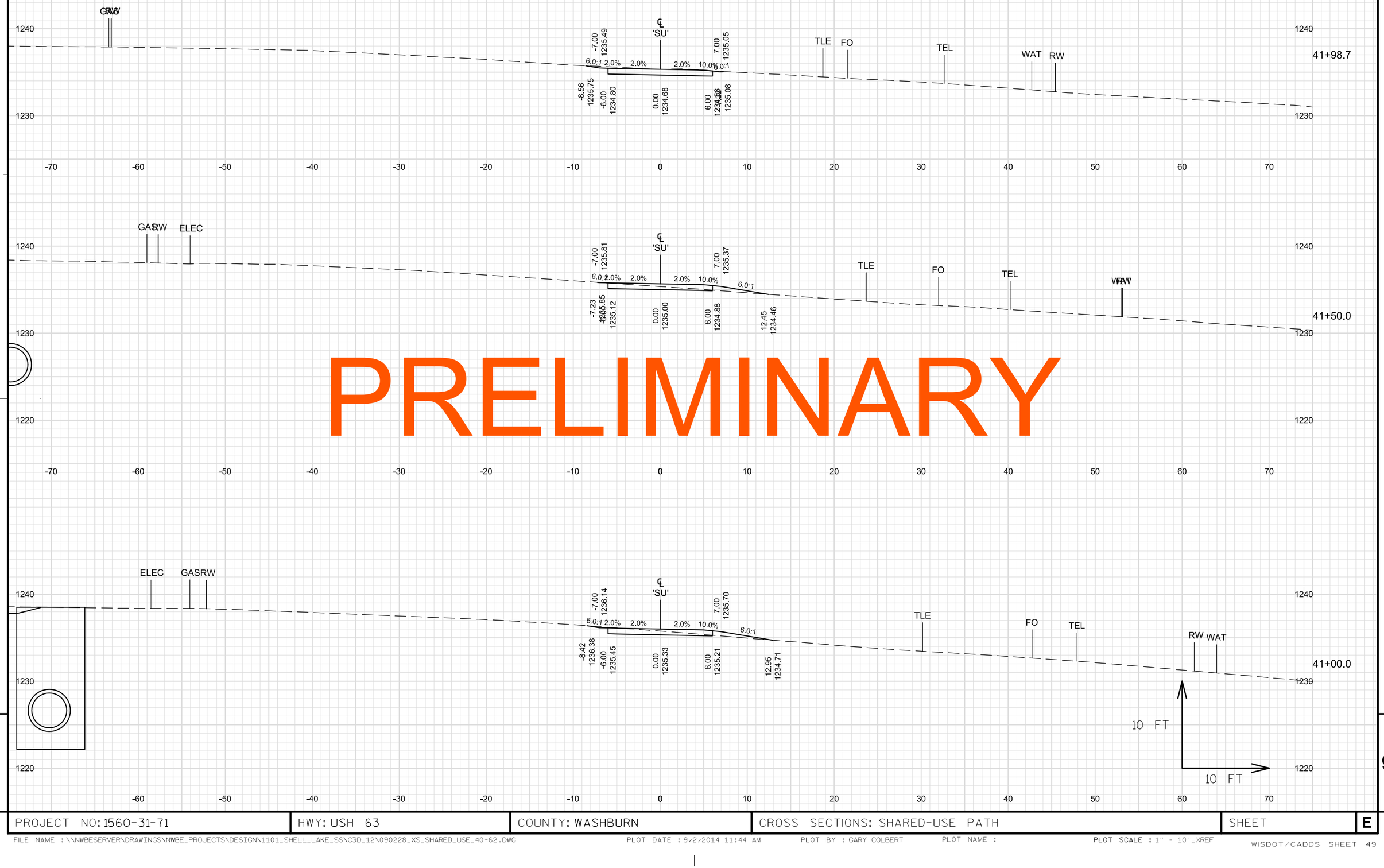
PROJECT NO: 1560-31-71	HWY: USH 63	COUNTY: WASHBURN	CROSS SECTIONS: SHARED-USE PATH	SHEET	E

FILE NAME : \\NWBESERVER\DRAWINGS\NWBE_PROJECTS\DESIGN\1101_SHELL_LAKE_SS\C3D_12\090228_XS_SHARED_USE_40-62.DWG
PLOT DATE : 9/2/2014 11:44 AM
PLOT BY : GARY COLBERT
PLOT NAME :
PLOT SCALE : 1" = 10'_XREF
WISDOT/CADDS SHEET 49



PRELIMINARY

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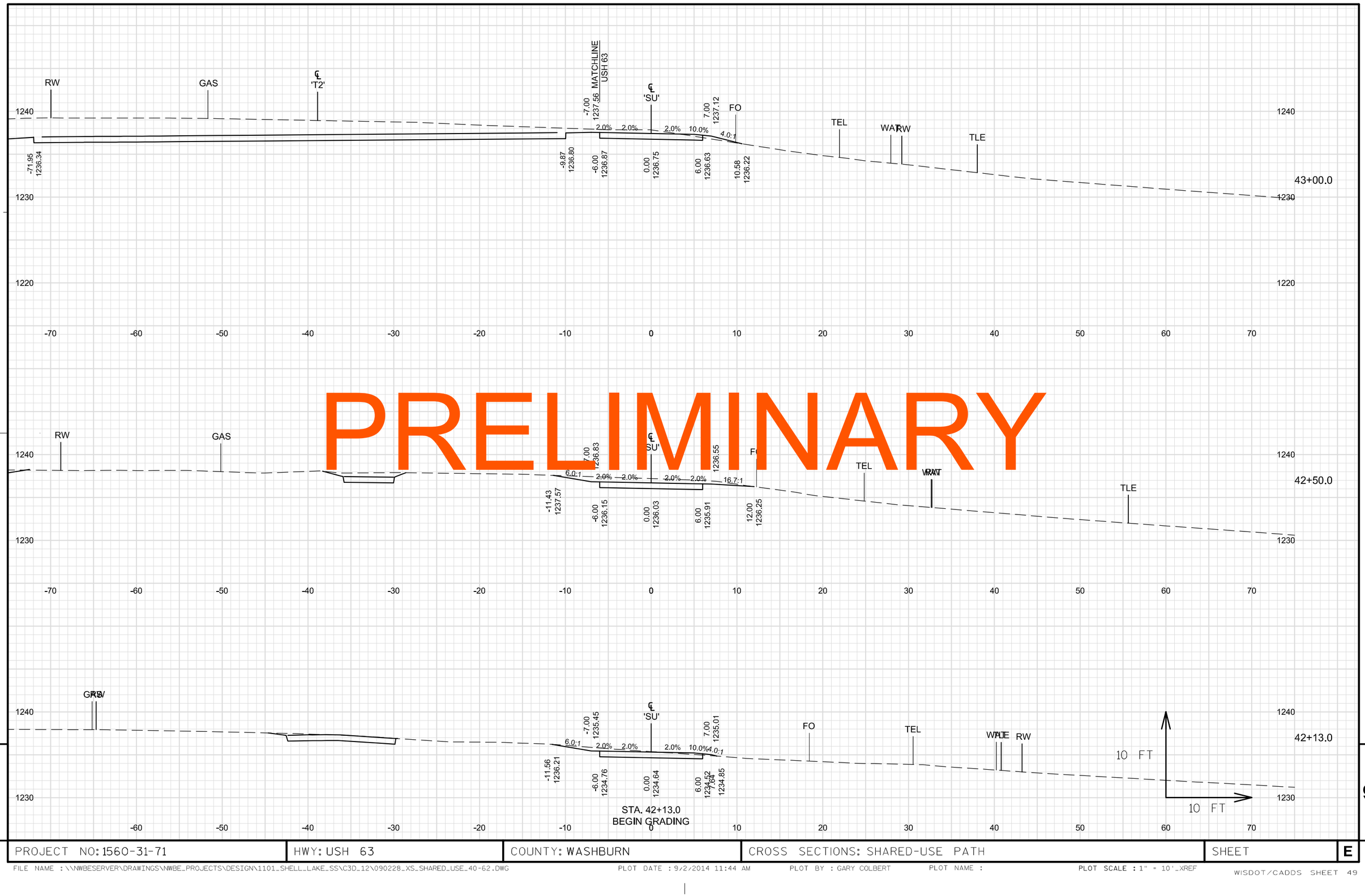
PROJECT NO: 1560-31-71	HWY: USH 63	COUNTY: WASHBURN	CROSS SECTIONS: SHARED-USE PATH	SHEET	E

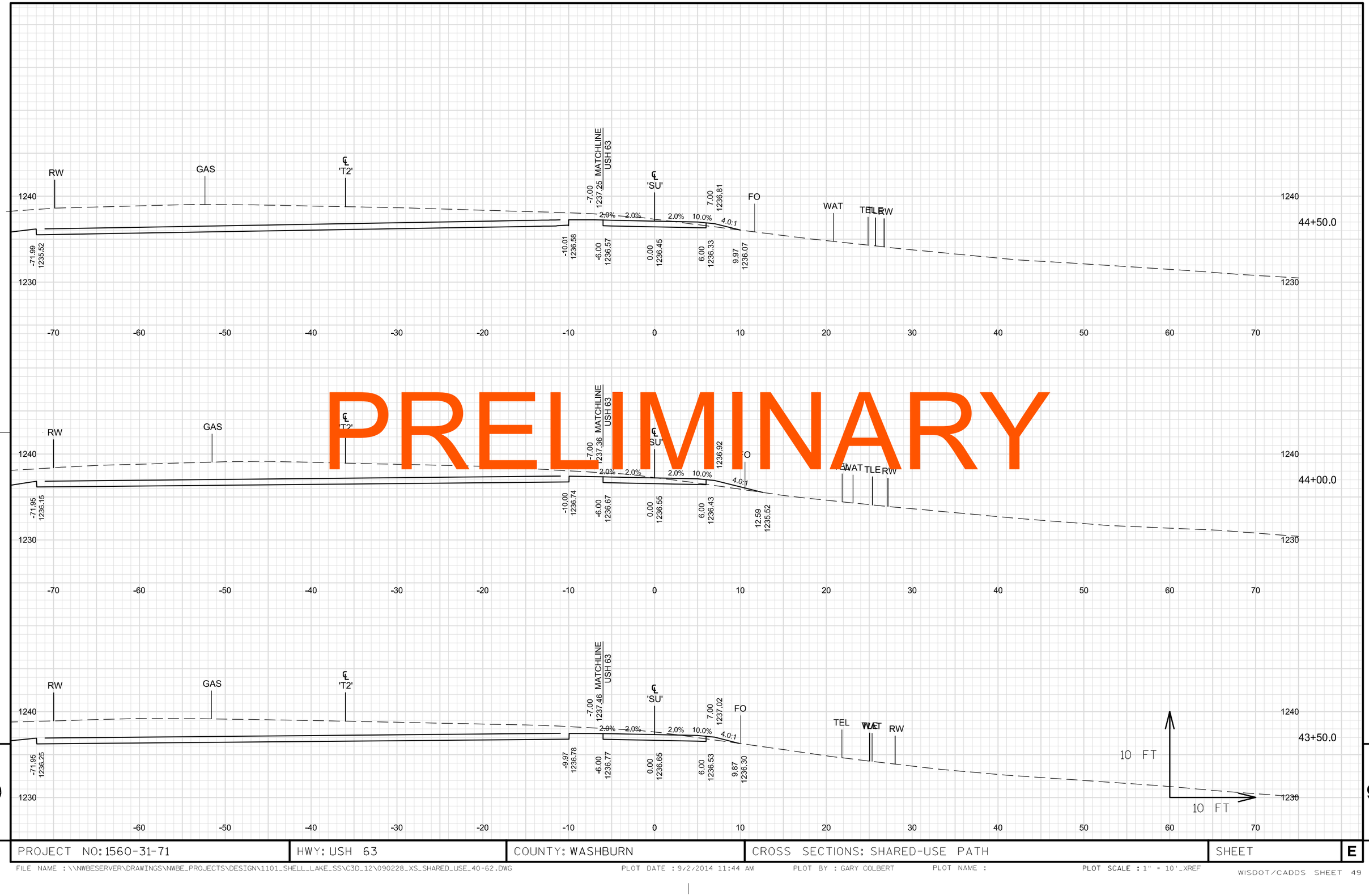
FILE NAME : \\NWBESERVER\DRAWINGS\NWBE_PROJECTS\DESIGN\1101_SHELL_LAKE_SS\C3D_12\090228_XS_SHARED_USE_40-62.DWG PLOT DATE : 9/2/2014 11:44 AM PLOT BY : GARY COLBERT PLOT NAME : PLOT SCALE : 1" = 10'_XREF
WISDOT/CADDS SHEET 49



PRELIMINARY

PROJECT NO: 1560-31-71	HWY: USH 63	COUNTY: WASHBURN	CROSS SECTIONS: SHARED-USE PATH	SHEET	E

FILE NAME : \\NWBESERVER\DRAWINGS\NWBE_PROJECTS\DESIGN\1101_SHELL_LAKE_SS\C3D_12\090228_XS_SHARED_USE_40-62.DWG PLOT DATE : 9/2/2014 11:44 AM PLOT BY : GARY COLBERT PLOT NAME : PLOT SCALE : 1" = 10'_XREF



PRELIMINARY

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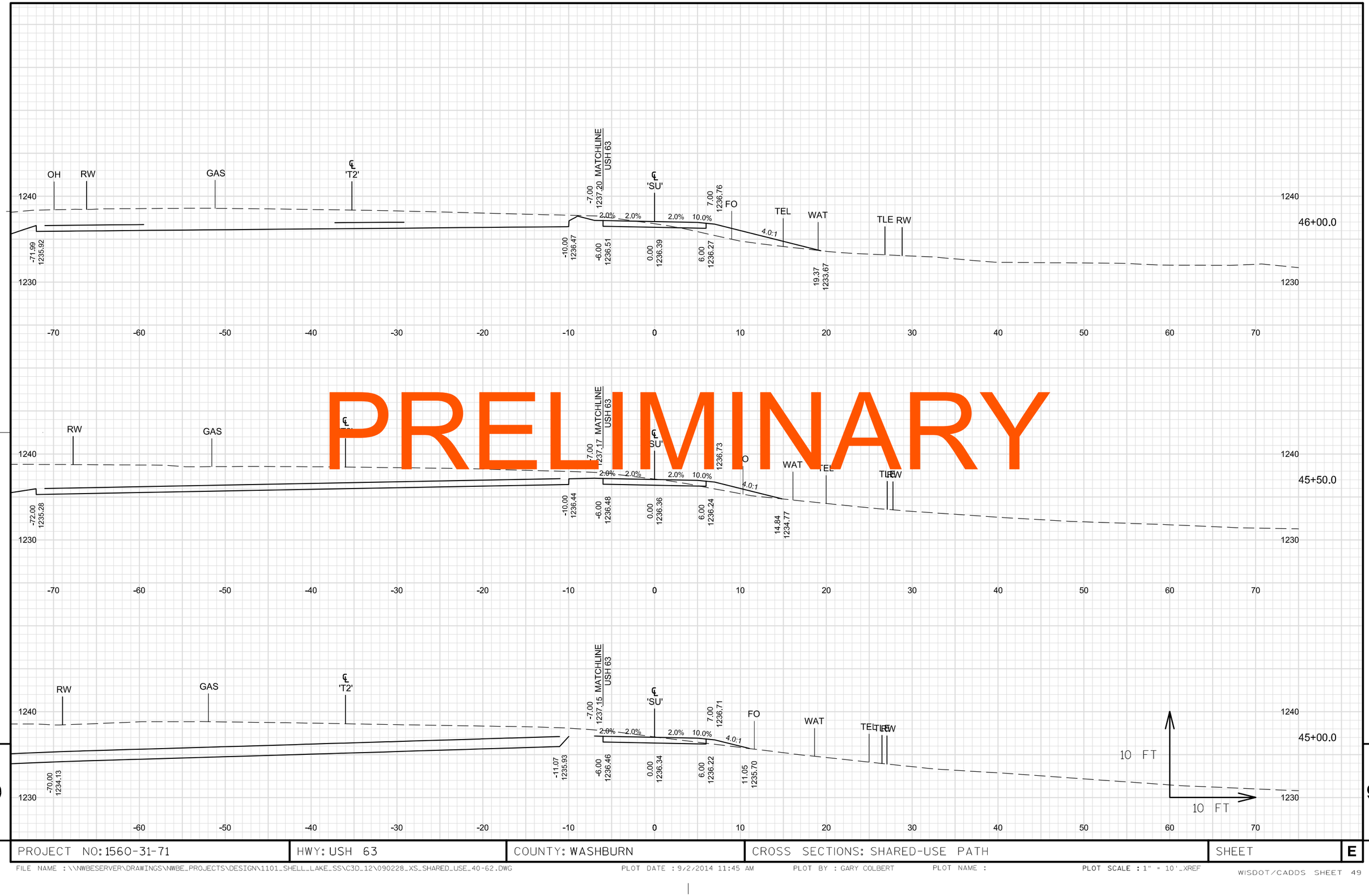
PROJECT NO: 1560-31-71	HWY: USH 63	COUNTY: WASHBURN	CROSS SECTIONS: SHARED-USE PATH	SHEET	E

FILE NAME : \\NWBESERVER\DRAWINGS\NWBE_PROJECTS\DESIGN\1101_SHELL_LAKE_SS\C3D_12\090228_XS_SHARED_USE_40-62.DWG
PLOT DATE : 9/2/2014 11:44 AM
PLOT BY : GARY COLBERT
PLOT NAME :
PLOT SCALE : 1" = 10'_XREF



PRELIMINARY

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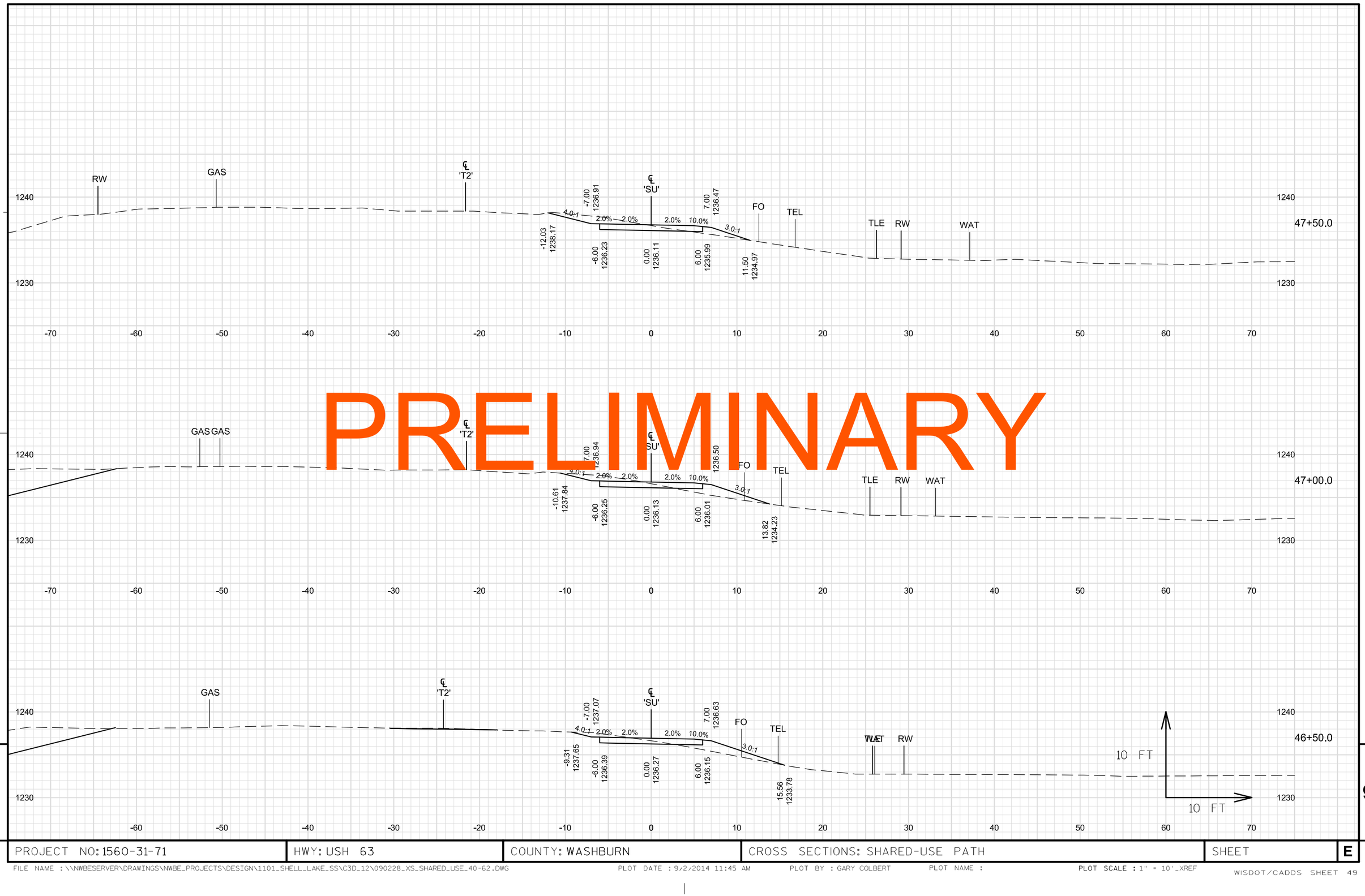
PROJECT NO: 1560-31-71	HWY: USH 63	COUNTY: WASHBURN	CROSS SECTIONS: SHARED-USE PATH	SHEET	E

FILE NAME : \\NWBESERVER\DRAWINGS\NWBE_PROJECTS\DESIGN\1101_SHELL_LAKE_SS\C3D_12\090228_XS_SHARED_USE_40-62.DWG
PLOT DATE : 9/2/2014 11:45 AM
PLOT BY : GARY COLBERT
PLOT NAME :
PLOT SCALE : 1" = 10'_XREF
WISDOT/CADDS SHEET 49



PRELIMINARY

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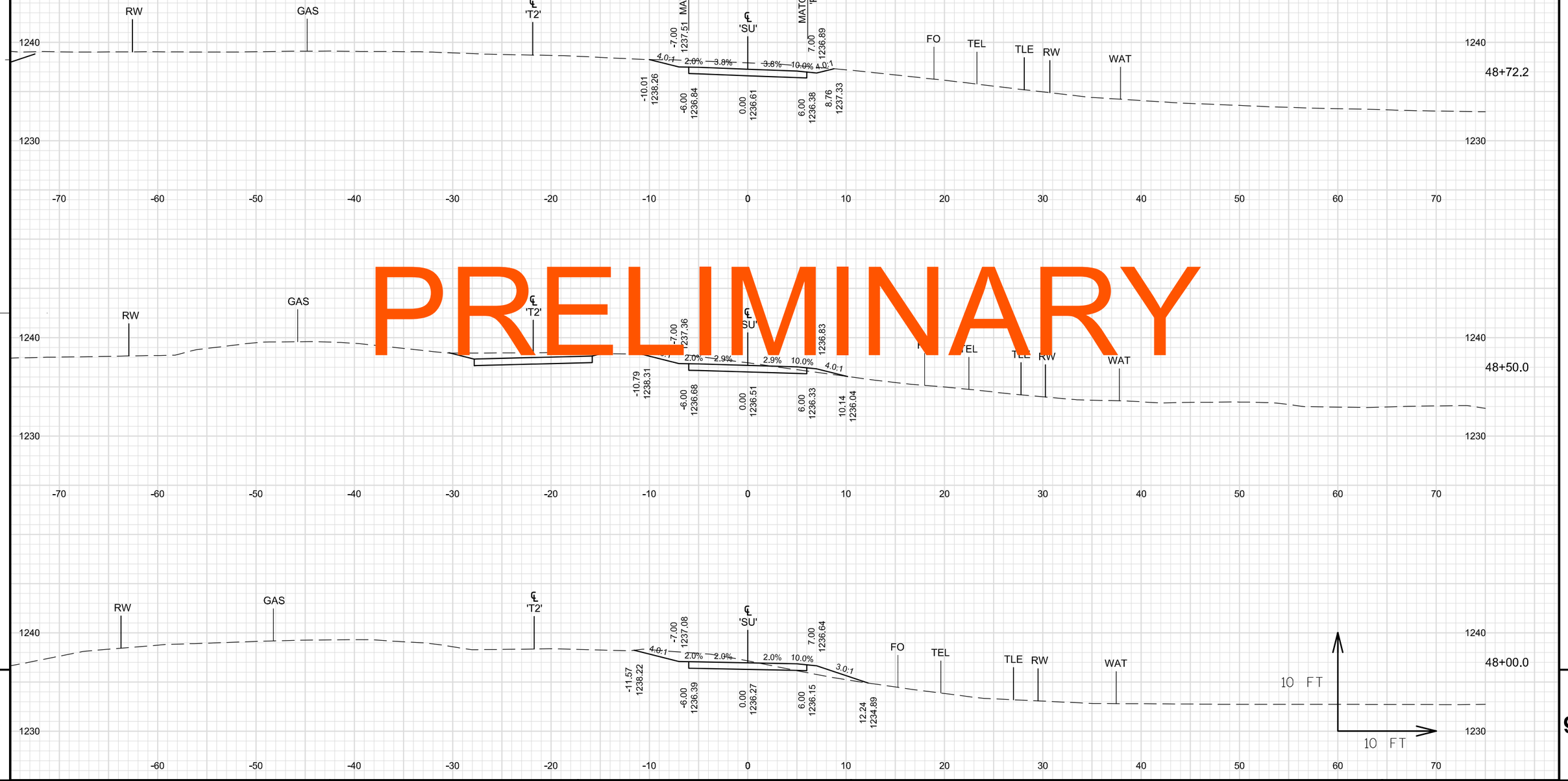
PROJECT NO: 1560-31-71	HWY: USH 63	COUNTY: WASHBURN	CROSS SECTIONS: SHARED-USE PATH	SHEET	E

FILE NAME : \\NWBESERVER\DRAWINGS\NWBE_PROJECTS\DESIGN\1101_SHELL_LAKE_SS\C3D_12\090228_XS_SHARED_USE_40-62.DWG PLOT DATE : 9/2/2014 11:45 AM PLOT BY : GARY COLBERT PLOT NAME : PLOT SCALE : 1" = 10'_XREF

PRELIMINARY

STA. 48+72.2
END GRADING



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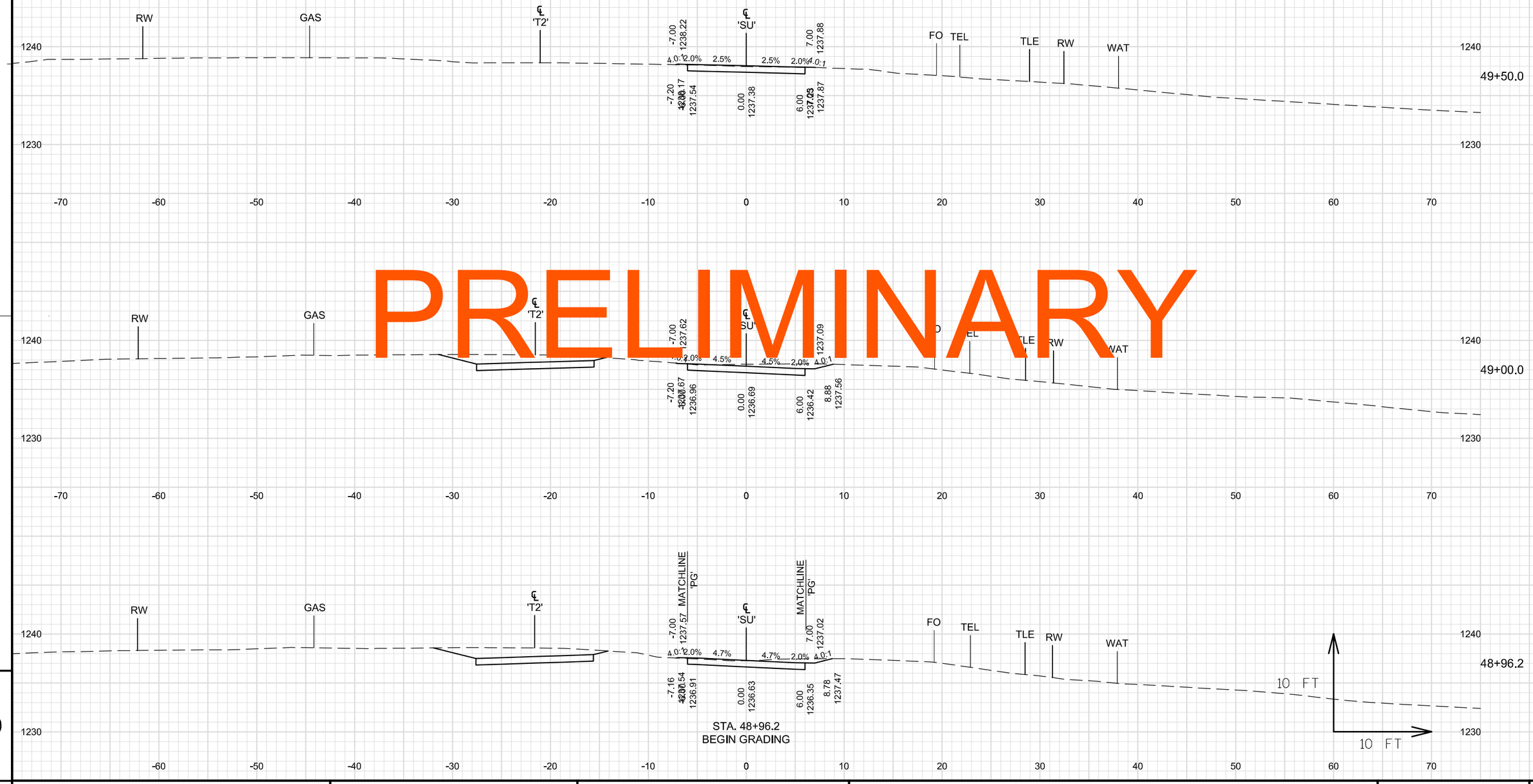
PROJECT NO: 1560-31-71	HWY: USH 63	COUNTY: WASHBURN	CROSS SECTIONS: SHARED-USE PATH	SHEET E

FILE NAME : \\NWBESERVER\DRAWINGS\NWBE_PROJECTS\DESIGN\1101_SHELL_LAKE_SS\C3D_12\090228_XS_SHARED_USE_40-62.DWG PLOT DATE : 9/2/2014 11:45 AM PLOT BY : GARY COLBERT PLOT NAME : PLOT SCALE : 1" = 10'_XREF



PRELIMINARY

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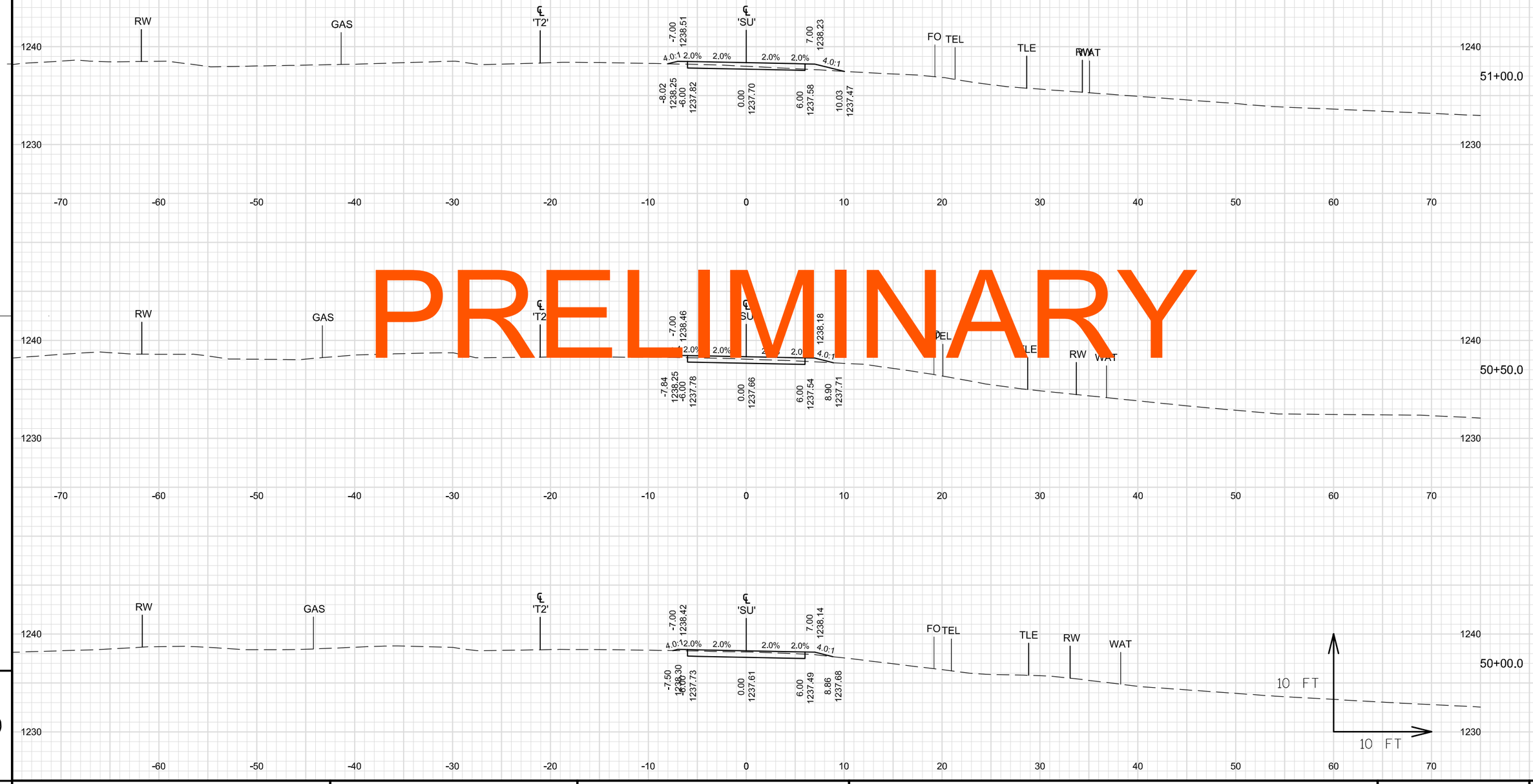
PROJECT NO: 1560-31-71	HWY: USH 63	COUNTY: WASHBURN	CROSS SECTIONS: SHARED-USE PATH	SHEET	E

FILE NAME : \\NWBESERVER\DRAWINGS\NWBE_PROJECTS\DESIGN\1101_SHELL_LAKE_SS\C3D_12\090228_XS_SHARED_USE_40-62.DWG
PLOT DATE : 9/2/2014 11:45 AM
PLOT BY : GARY COLBERT
PLOT NAME :
PLOT SCALE : 1" = 10'_XREF



PRELIMINARY

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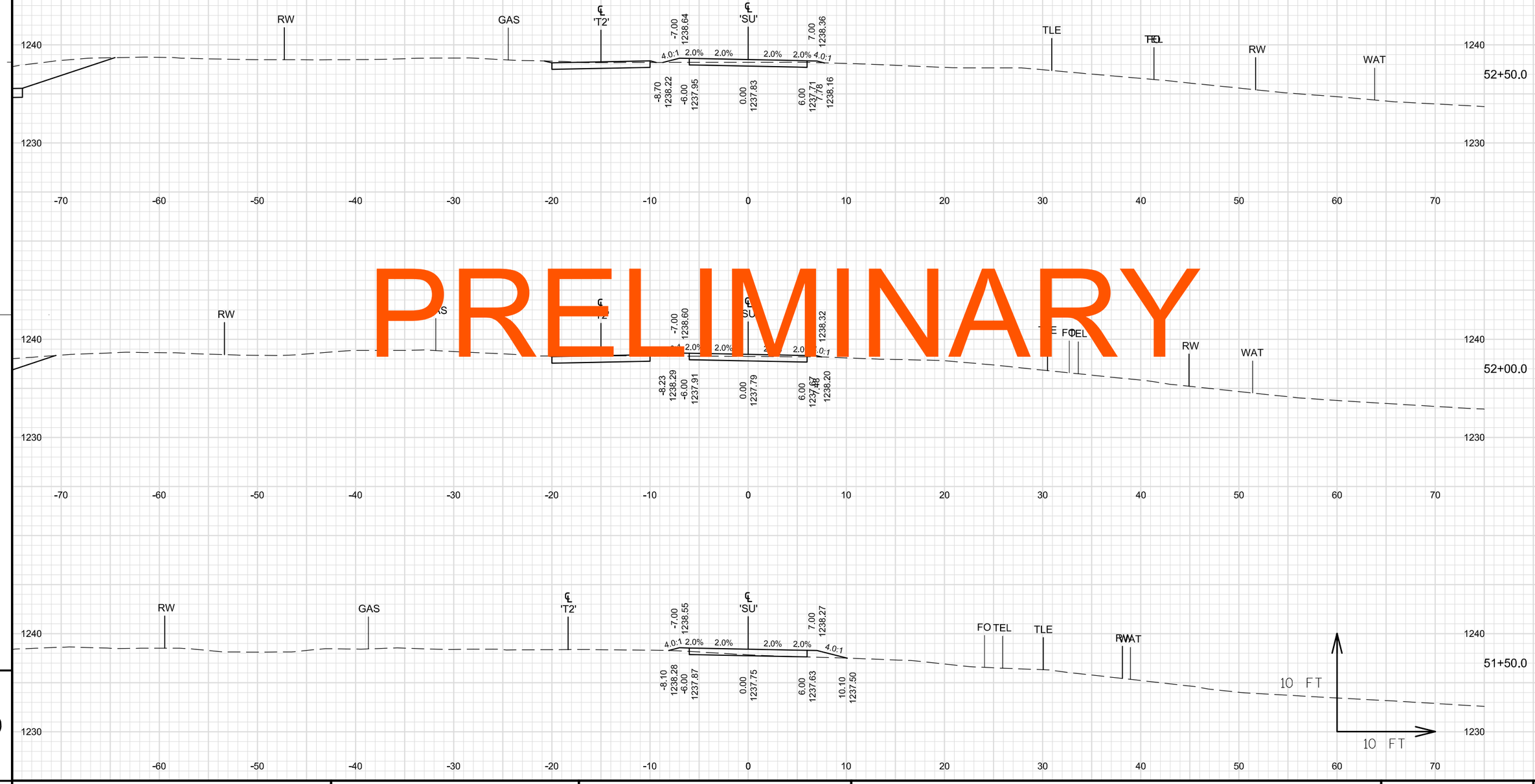
PROJECT NO: 1560-31-71	HWY: USH 63	COUNTY: WASHBURN	CROSS SECTIONS: SHARED-USE PATH	SHEET	E

FILE NAME : \\NWBESERVER\DRAWINGS\NWBE_PROJECTS\DESIGN\1101_SHELL_LAKE_SS\C3D_12\090228_XS_SHARED_USE_40-62.DWG
PLOT DATE : 9/2/2014 11:46 AM
PLOT BY : GARY COLBERT
PLOT NAME :
PLOT SCALE : 1" = 10'_XREF
WISDOT/CADDS SHEET 49



PRELIMINARY

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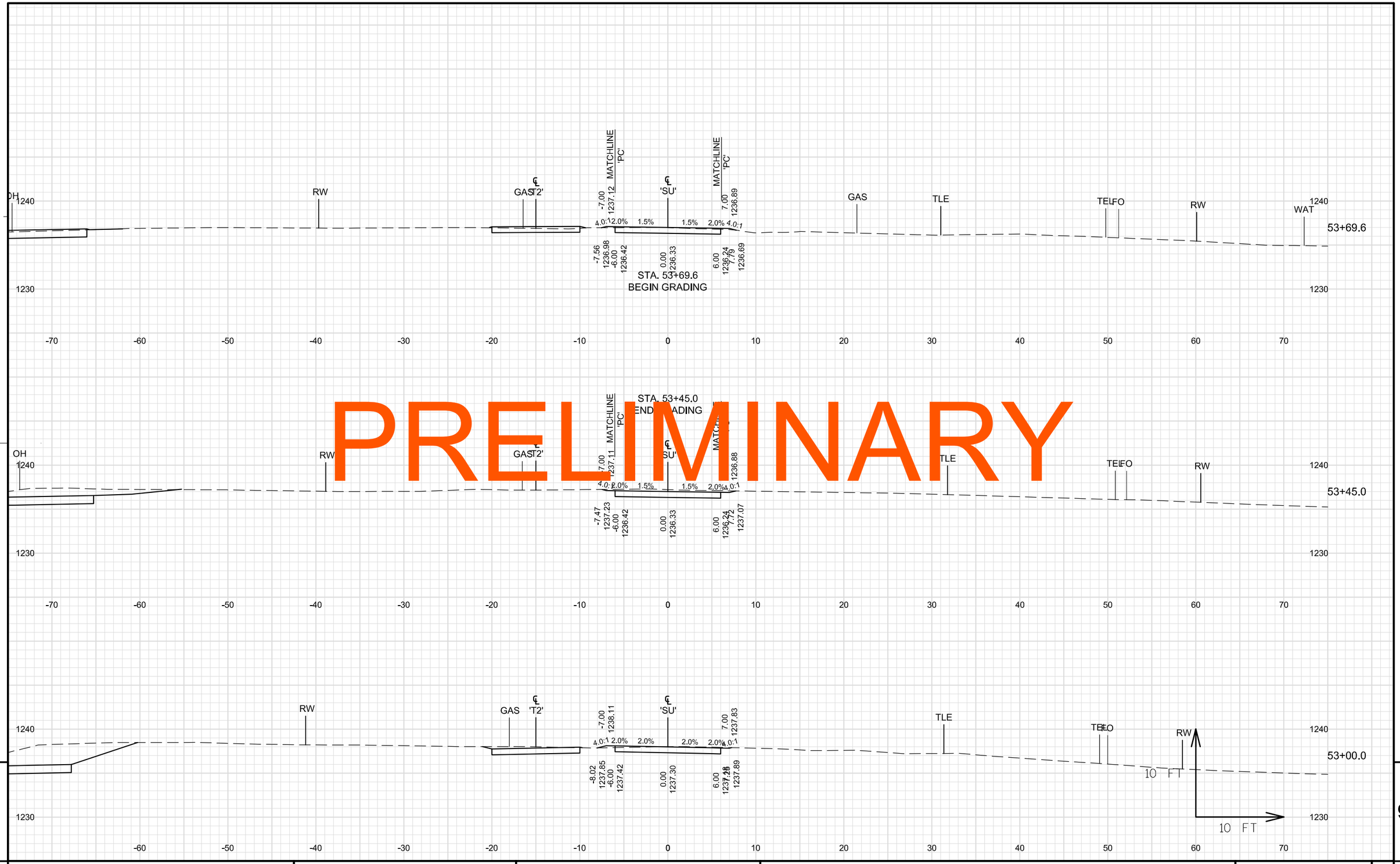
PROJECT NO: 1560-31-71	HWY: USH 63	COUNTY: WASHBURN	CROSS SECTIONS: SHARED-USE PATH	SHEET	E

FILE NAME : \\NWBESERVER\DRAWINGS\NWBE_PROJECTS\DESIGN\1101_SHELL_LAKE_SS\C3D_12\090228_XS_SHARED_USE_40-62.DWG
PLOT DATE : 9/2/2014 11:46 AM
PLOT BY : GARY COLBERT
PLOT NAME :
PLOT SCALE : 1" = 10'_XREF
WISDOT/CADDS SHEET 49



PRELIMINARY

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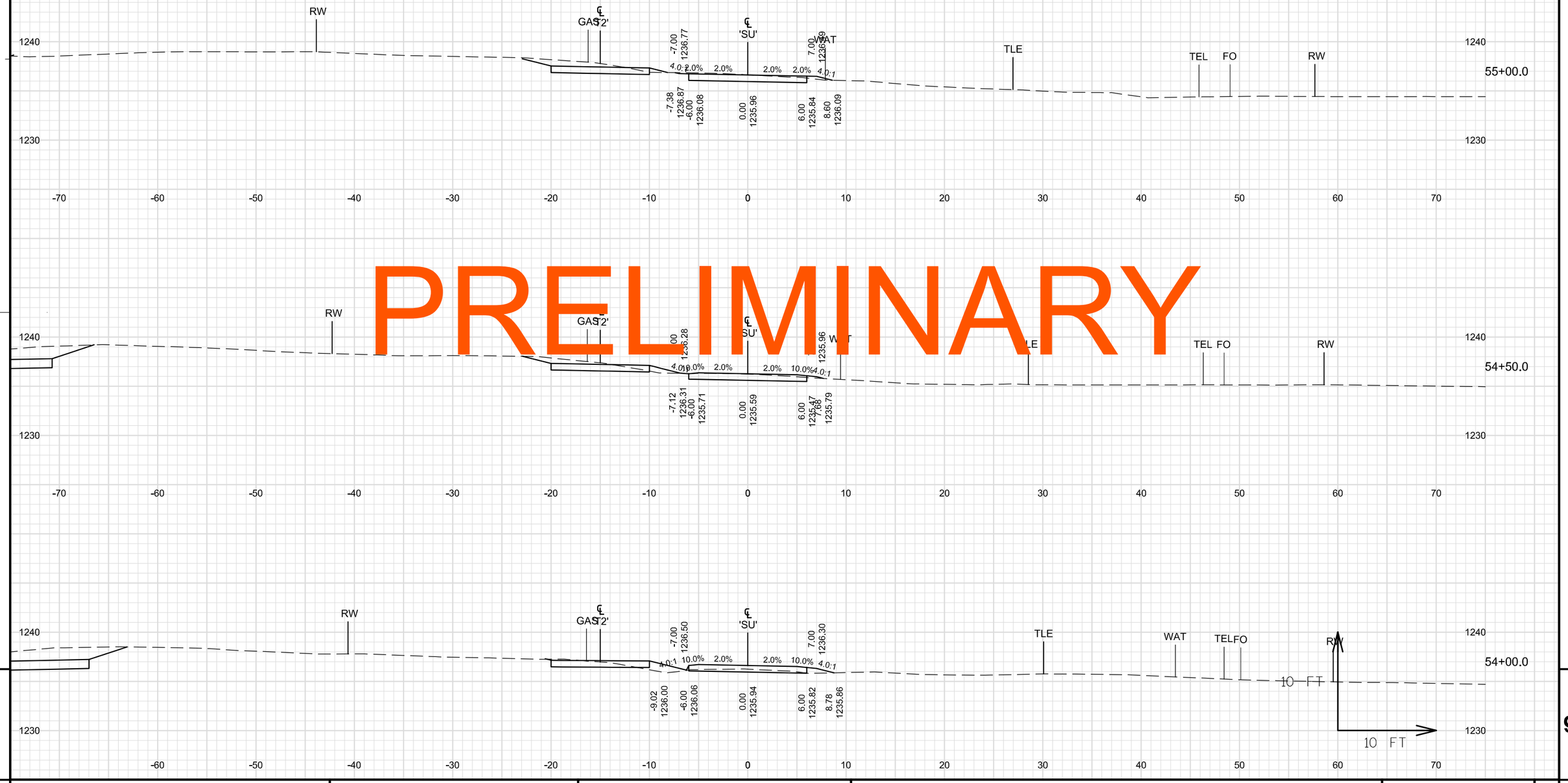
PROJECT NO: 1560-31-71	HWY: USH 63	COUNTY: WASHBURN	CROSS SECTIONS: SHARED-USE PATH	SHEET E

FILE NAME : \\NWBESERVER\DRAWINGS\NWBE_PROJECTS\DESIGN\1101_SHELL_LAKE_SS\C3D_12\090228_XS_SHARED_USE_40-62.DWG PLOT DATE : 9/2/2014 11:46 AM PLOT BY : GARY COLBERT PLOT NAME : PLOT SCALE : 1" = 10'_XREF
WISDOT/CADDS SHEET 49

PRELIMINARY



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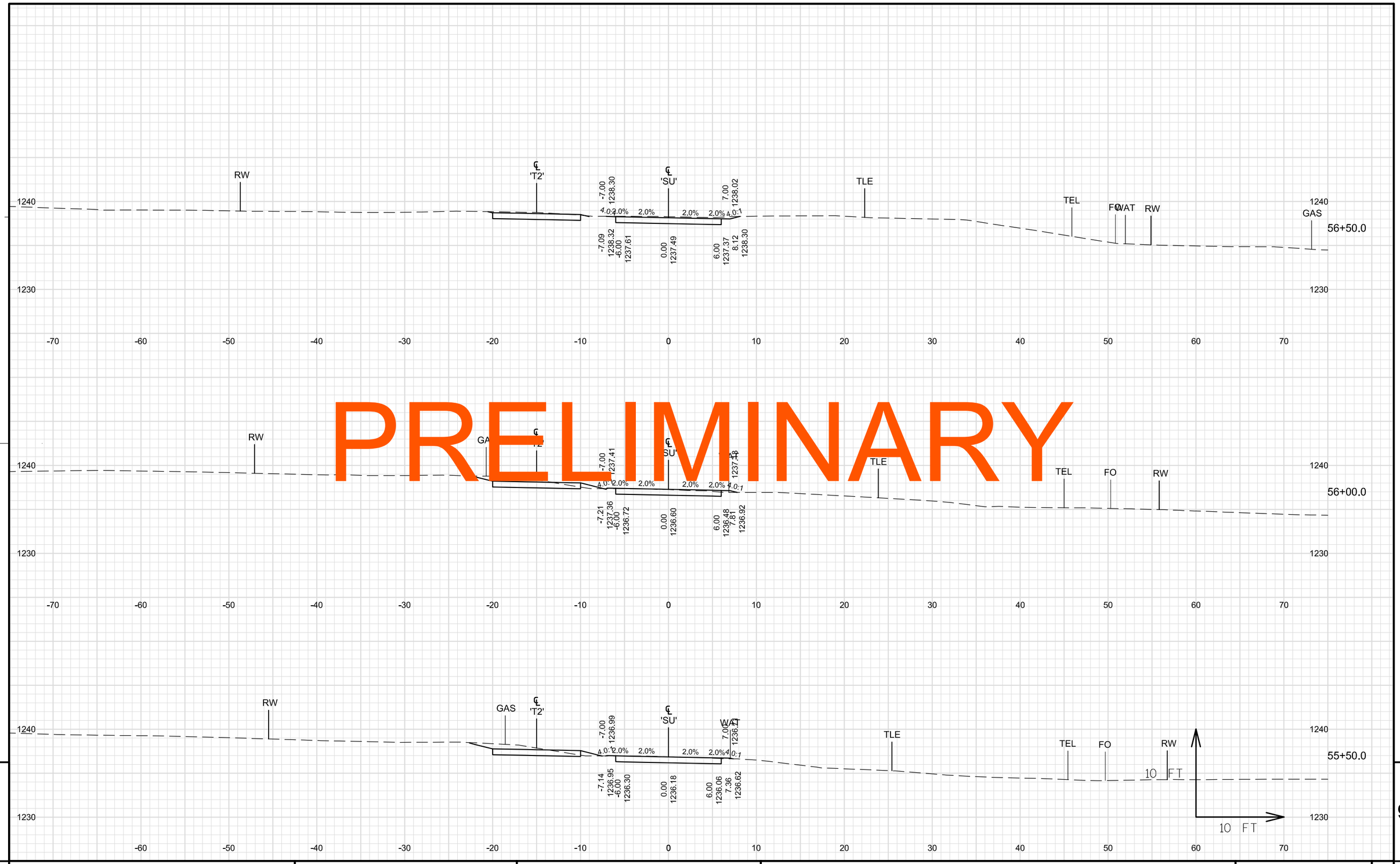
PROJECT NO: 1560-31-71	HWY: USH 63	COUNTY: WASHBURN	CROSS SECTIONS: SHARED-USE PATH	SHEET	E

FILE NAME : \\NWBESERVER\DRAWINGS\NWBE_PROJECTS\DESIGN\1101_SHELL_LAKE_SS\C3D_12\090228_XS_SHARED_USE_40-62.DWG PLOT DATE : 9/2/2014 11:46 AM PLOT BY : GARY COLBERT PLOT NAME : PLOT SCALE : 1" = 10'_XREF



PRELIMINARY

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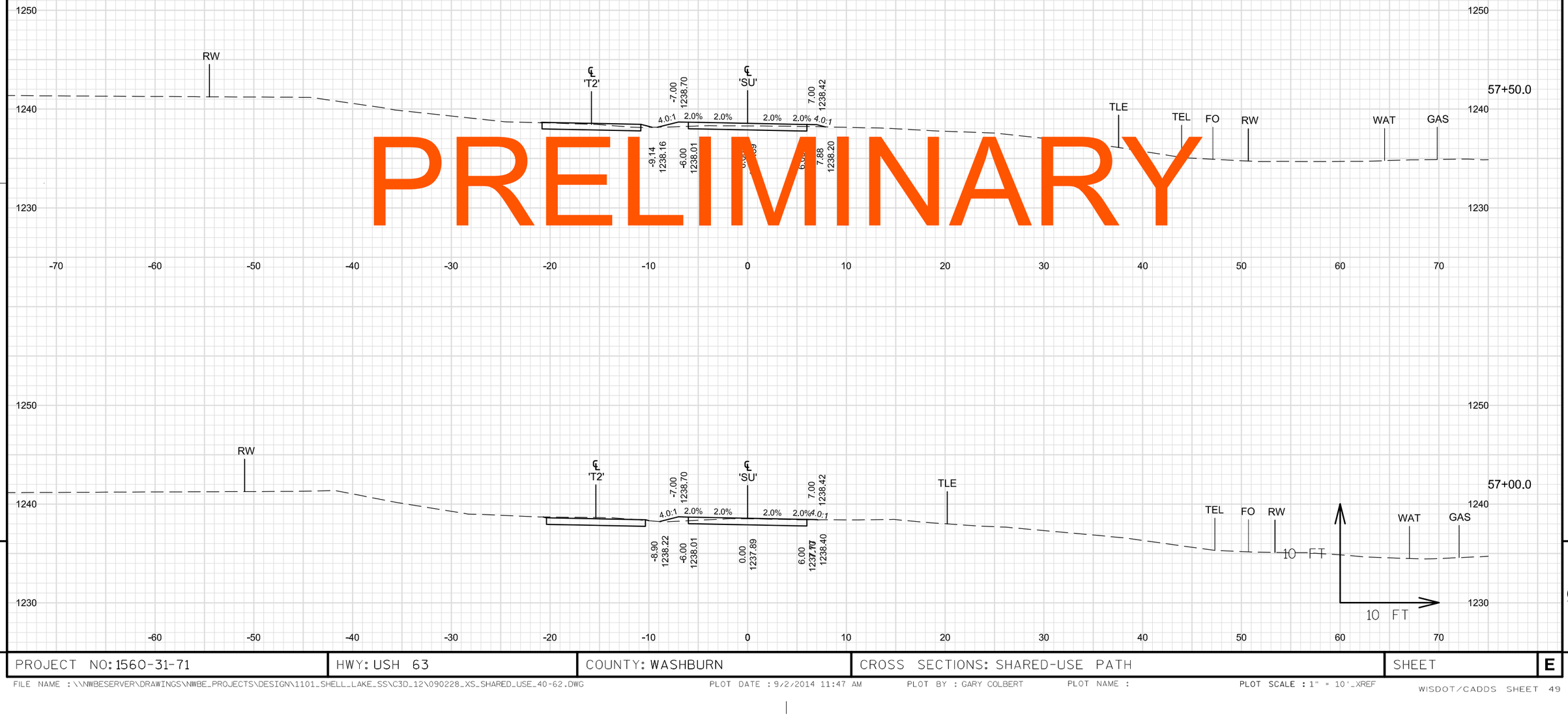
PROJECT NO: 1560-31-71	HWY: USH 63	COUNTY: WASHBURN	CROSS SECTIONS: SHARED-USE PATH	SHEET	E

FILE NAME : \\NWBESERVER\DRAWINGS\NWBE_PROJECTS\DESIGN\1101_SHELL_LAKE_SS\C3D_12\090228_XS_SHARED_USE_40-62.DWG
PLOT DATE : 9/2/2014 11:46 AM
PLOT BY : GARY COLBERT
PLOT NAME :
PLOT SCALE : 1" = 10'_XREF
WISDOT/CADDS SHEET 49

PRELIMINARY



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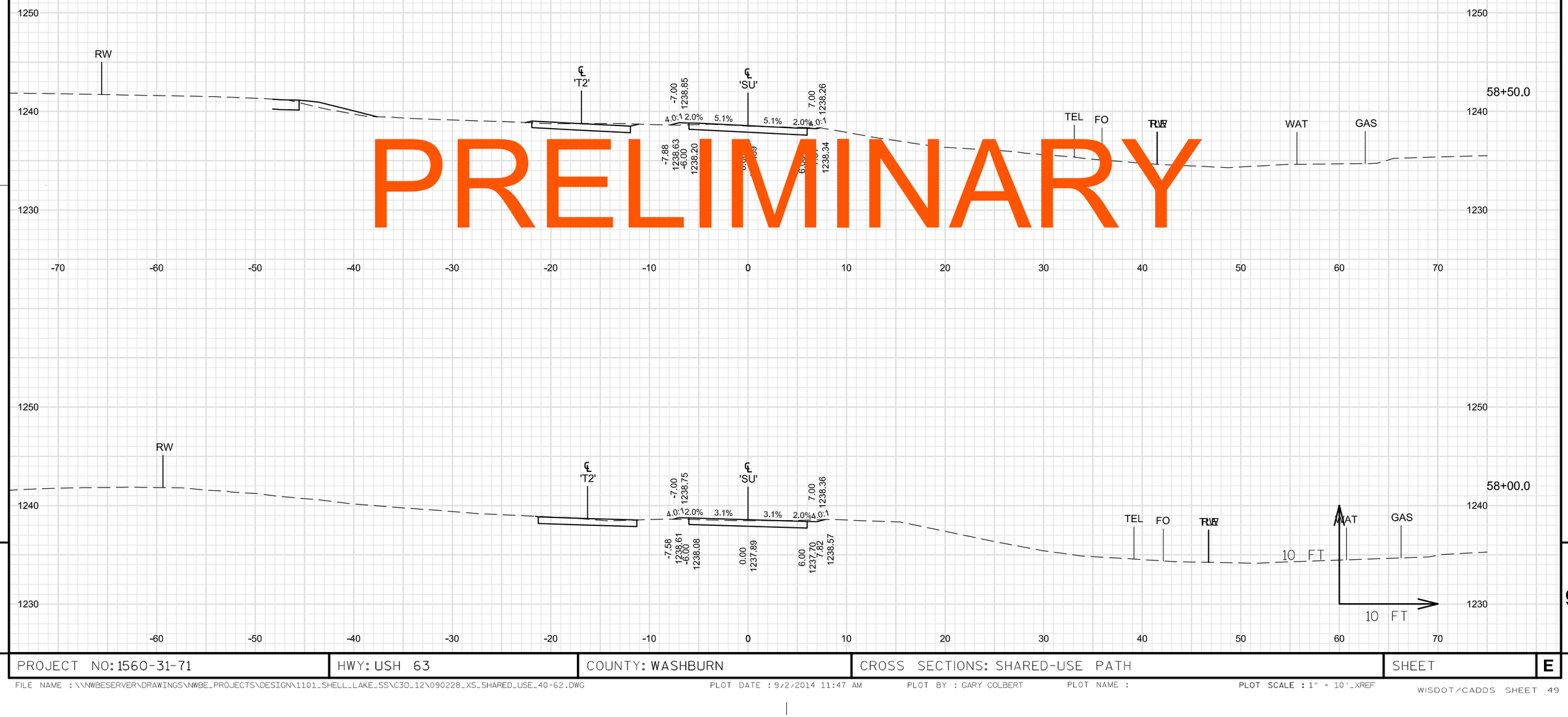
PROJECT NO: 1560-31-71	HWY: USH 63	COUNTY: WASHBURN	CROSS SECTIONS: SHARED-USE PATH	SHEET	E

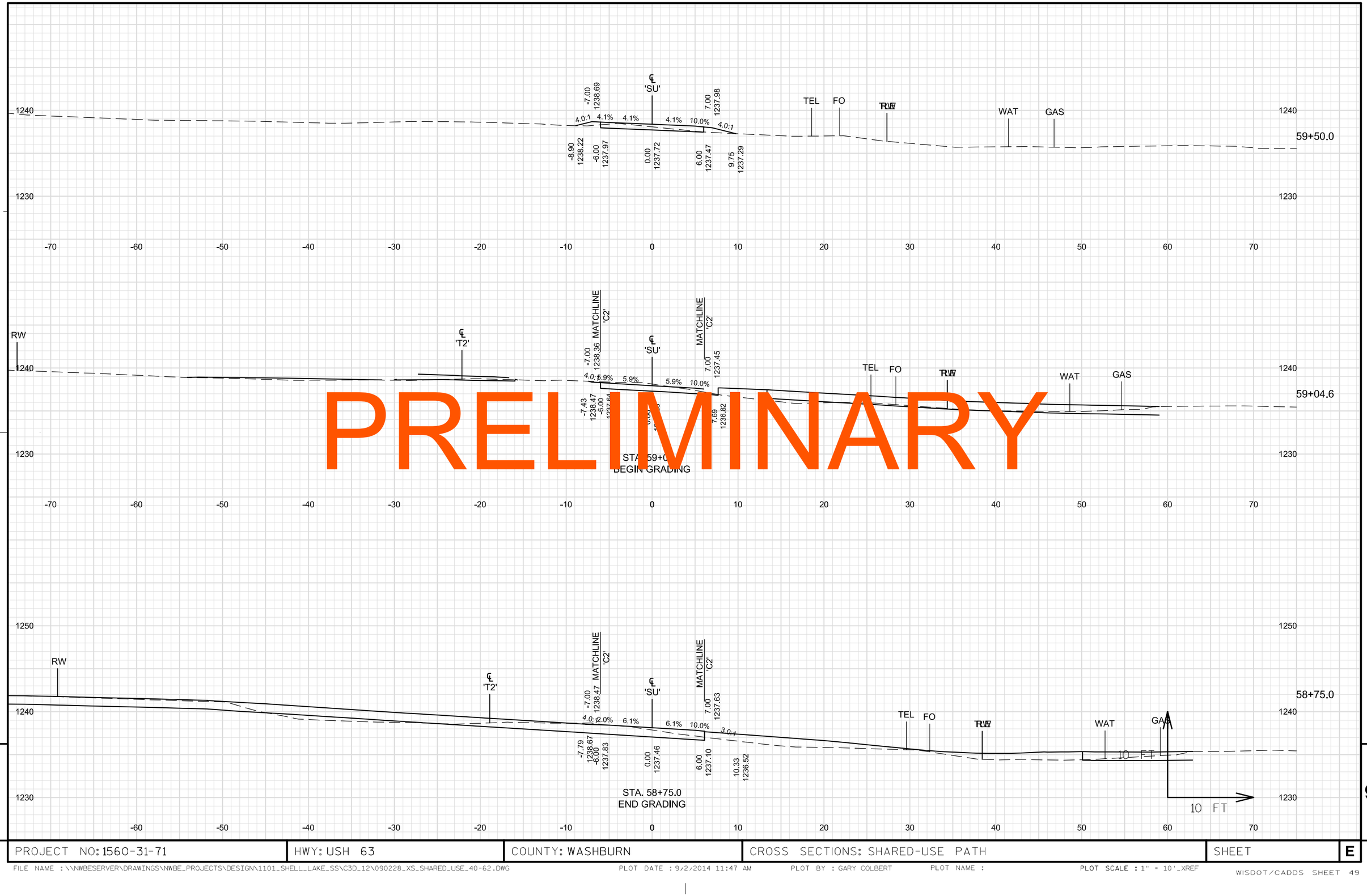
FILE NAME : \\NWBESERVER\DRAWINGS\NWBE_PROJECTS\DESIGN\1101_SHELL_LAKE_SS\C3D_12\090228_XS_SHARED_USE_40-62.DWG PLOT DATE : 9/2/2014 11:47 AM PLOT BY : GARY COLBERT PLOT NAME : PLOT SCALE : 1" = 10'_XREF

PRELIMINARY



PROJECT NO: 1560-31-71	HWY: USH 63	COUNTY: WASHBURN	CROSS SECTIONS: SHARED-USE PATH	SHEET	E

FILE NAME : \\NWBESERVER\DRAWINGS\NWBE_PROJECTS\DESIGN\1101_SHELL_LAKE_SS\C3D_12\090228_XS_SHARED_USE_40-62.DWG PLOT DATE : 9/2/2014 11:47 AM PLOT BY : GARY COLBERT PLOT NAME : PLOT SCALE : 1" = 10'_XREF



PRELIMINARY

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PROJECT NO: 1560-31-71	HWY: USH 63	COUNTY: WASHBURN	CROSS SECTIONS: SHARED-USE PATH	SHEET	E

FILE NAME : \\NWBESERVER\DRAWINGS\NWBE_PROJECTS\DESIGN\1101_SHELL_LAKE_SS\C3D_12\090228_XS_SHARED_USE_40-62.DWG
PLOT DATE : 9/2/2014 11:47 AM
PLOT BY : GARY COLBERT
PLOT NAME :
PLOT SCALE : 1" = 10'_XREF
WISDOT/CADDS SHEET 49

PRELIMINARY

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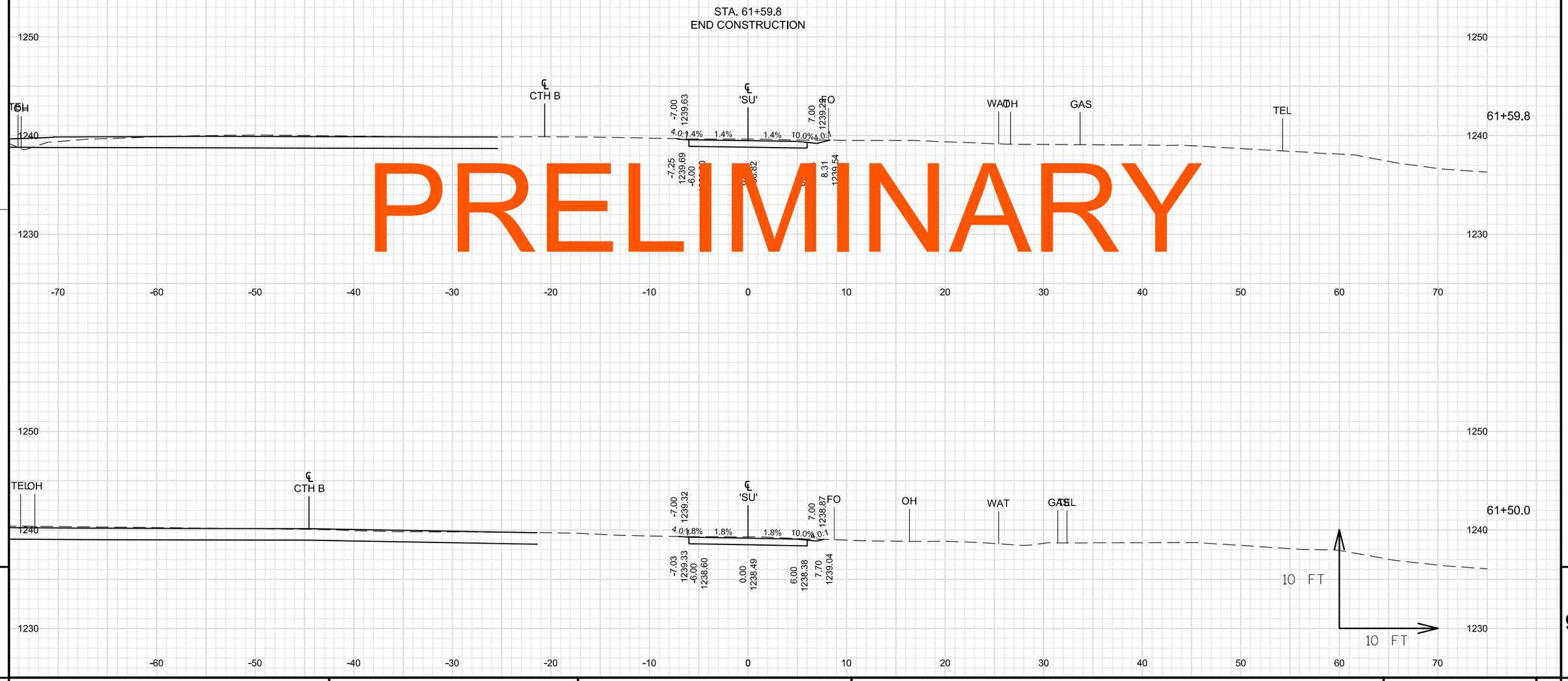
9

PROJECT NO: 1560-31-71	HWY: USH 63	COUNTY: WASHBURN	CROSS SECTIONS: SHARED-USE PATH	SHEET	E



PRELIMINARY

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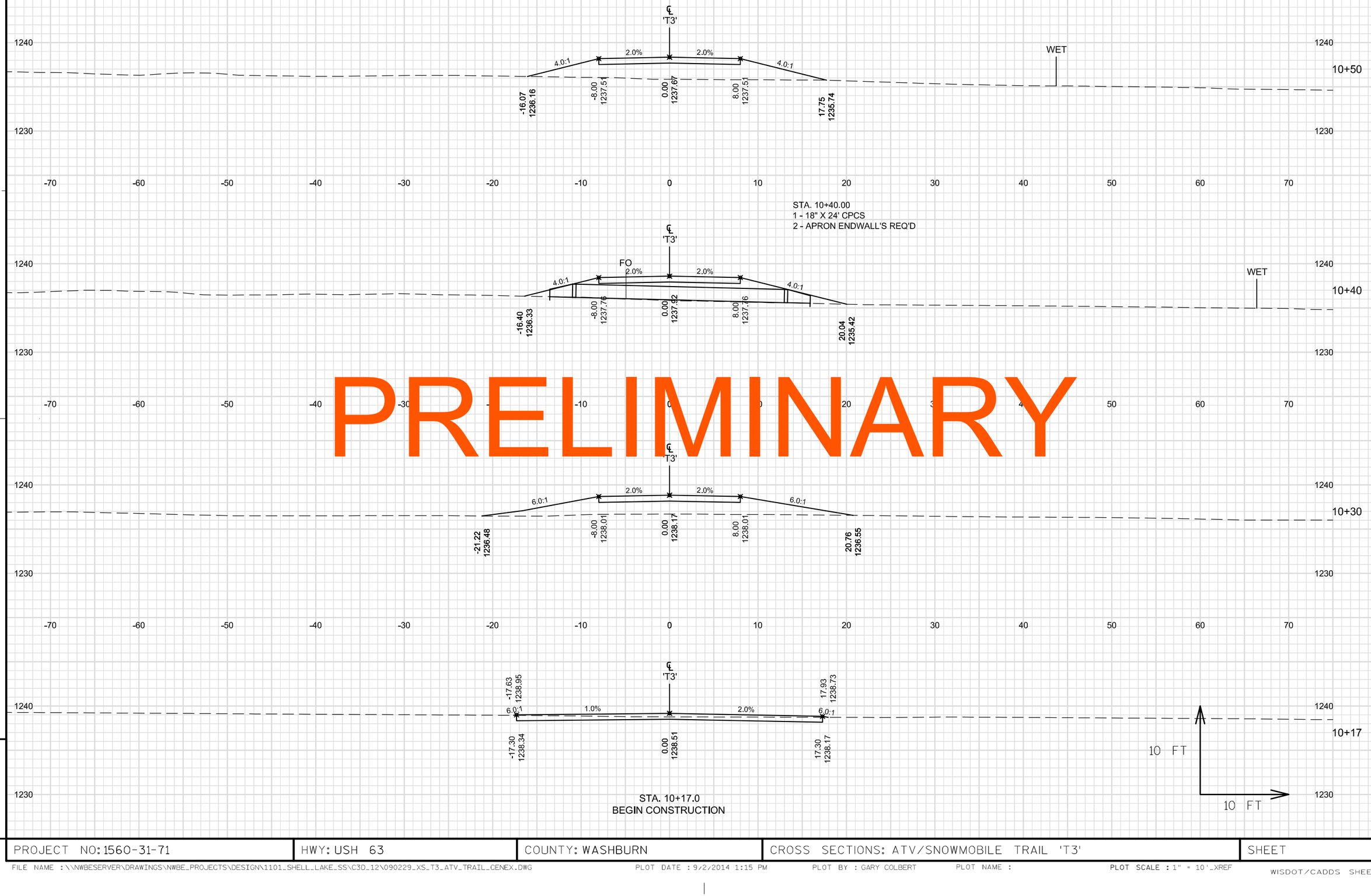
PROJECT NO: 1560-31-71	HWY: USH 63	COUNTY: WASHBURN	CROSS SECTIONS: SHARED-USE PATH	SHEET	E

FILE NAME : \\NWBESERVER\DRAWINGS\NWBE_PROJECTS\DESIGN\1101_SHELL_LAKE_SS\C3D_12\090228_XS_SHARED_USE_40-62.DWG PLOT DATE : 9/2/2014 11:48 AM PLOT BY : GARY COLBERT PLOT NAME : PLOT SCALE : 1" = 10'_XREF



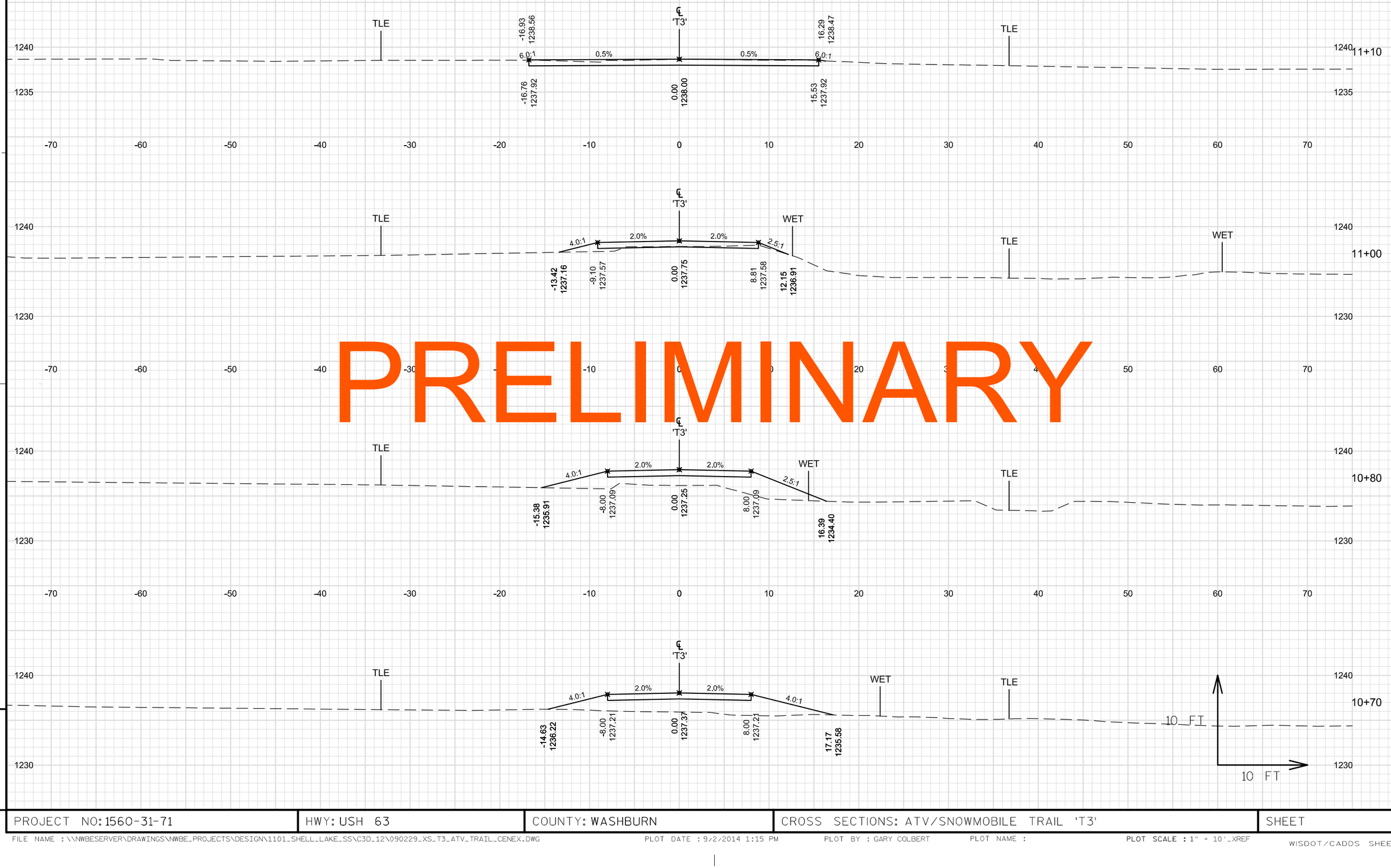
PRELIMINARY

9 9

PROJECT NO: 1560-31-71	HWY: USH 63	COUNTY: WASHBURN	CROSS SECTIONS: ATV/SNOWMOBILE TRAIL 'T3'	SHEET E

FILE NAME : \\NWBESERVER\DRAWINGS\NWBE_PROJECTS\DESIGN\1101_SHELL_LAKE_SS\C3D_12\090229_XS_T3_ATV_TRAIL_CENEX.DWG PLOT DATE : 9/2/2014 1:15 PM PLOT BY : GARY COLBERT PLOT NAME : PLOT SCALE : 1" = 10'_XREF

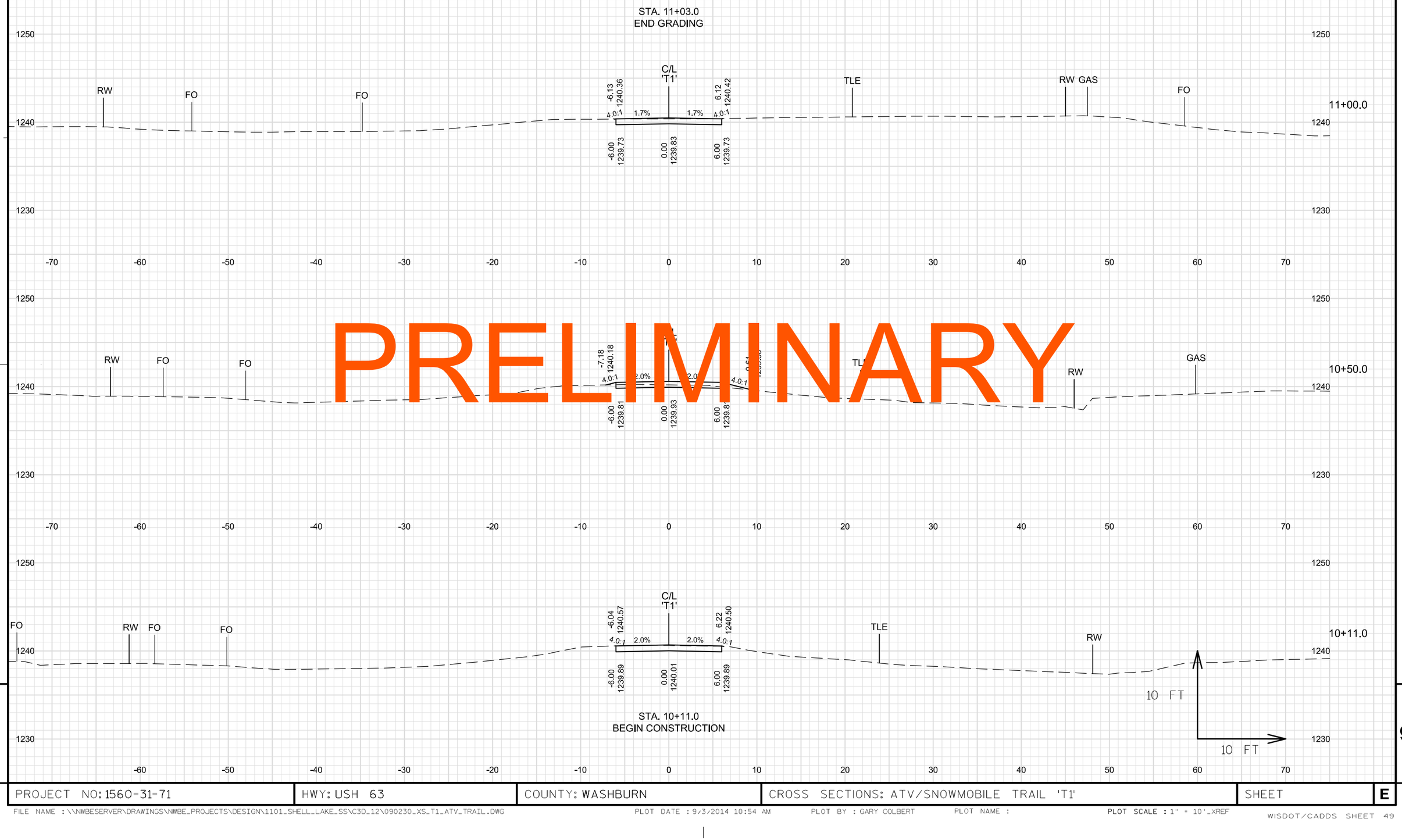
STA. 11+10.0
END CONSTRUCTION



PRELIMINARY

9 9

PROJECT NO: 1560-31-71	HWY: USH 63	COUNTY: WASHBURN	CROSS SECTIONS: ATV/SNOWMOBILE TRAIL 'T3'	SHEET E



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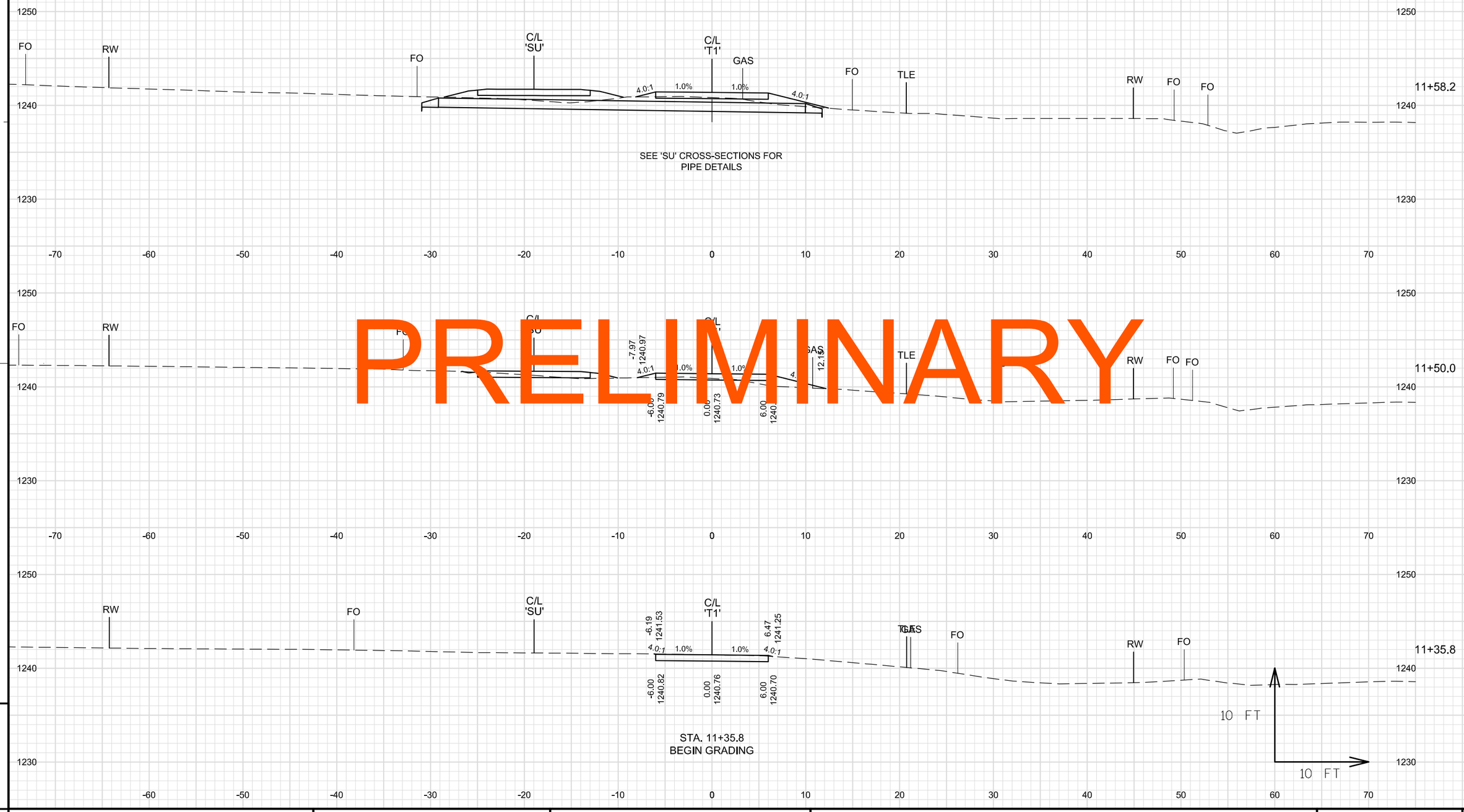
9

PROJECT NO: 1560-31-71	HWY: USH 63	COUNTY: WASHBURN	CROSS SECTIONS: ATV/SNOWMOBILE TRAIL 'T1'	SHEET	E

FILE NAME : \\NWBESERVER\DRAWINGS\NWBE_PROJECTS\DESIGN\1101_SHELL_LAKE_SS\C3D_12\090230_XS_T1_ATV_TRAIL.DWG PLOT DATE : 9/3/2014 10:54 AM PLOT BY : GARY COLBERT PLOT NAME : PLOT SCALE : 1" = 10'_XREF



PRELIMINARY

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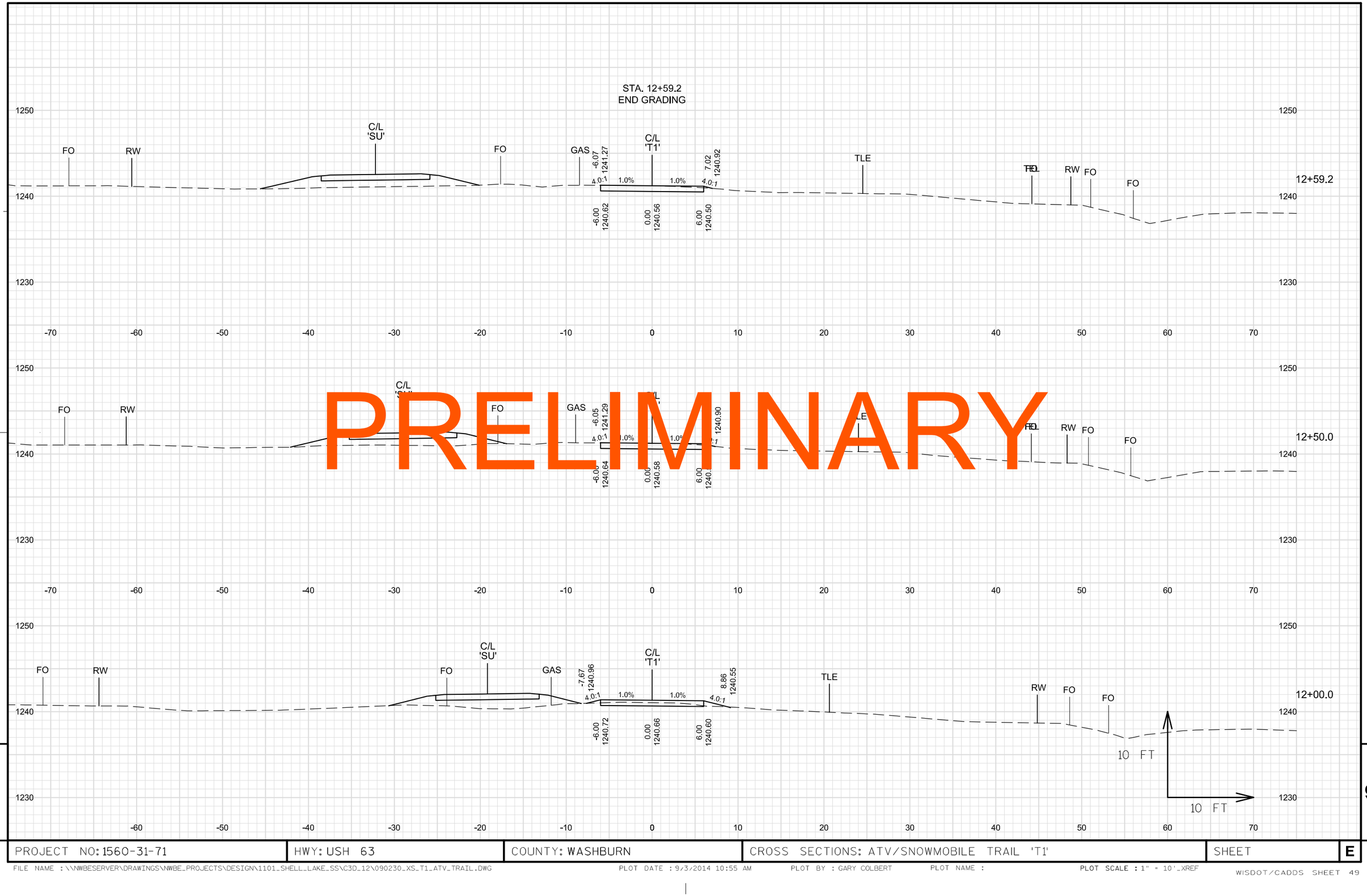
9

PROJECT NO: 1560-31-71	HWY: USH 63	COUNTY: WASHBURN	CROSS SECTIONS: ATV/SNOWMOBILE TRAIL 'T1'	SHEET E

FILE NAME : \\NWBESERVER\DRAWINGS\NWBE_PROJECTS\DESIGN\1101_SHELL_LAKE_SS\C3D_12\090230_XS_T1_ATV_TRAIL.DWG PLOT DATE : 9/3/2014 10:54 AM PLOT BY : GARY COLBERT PLOT NAME : PLOT SCALE : 1" = 10'_XREF



PRELIMINARY

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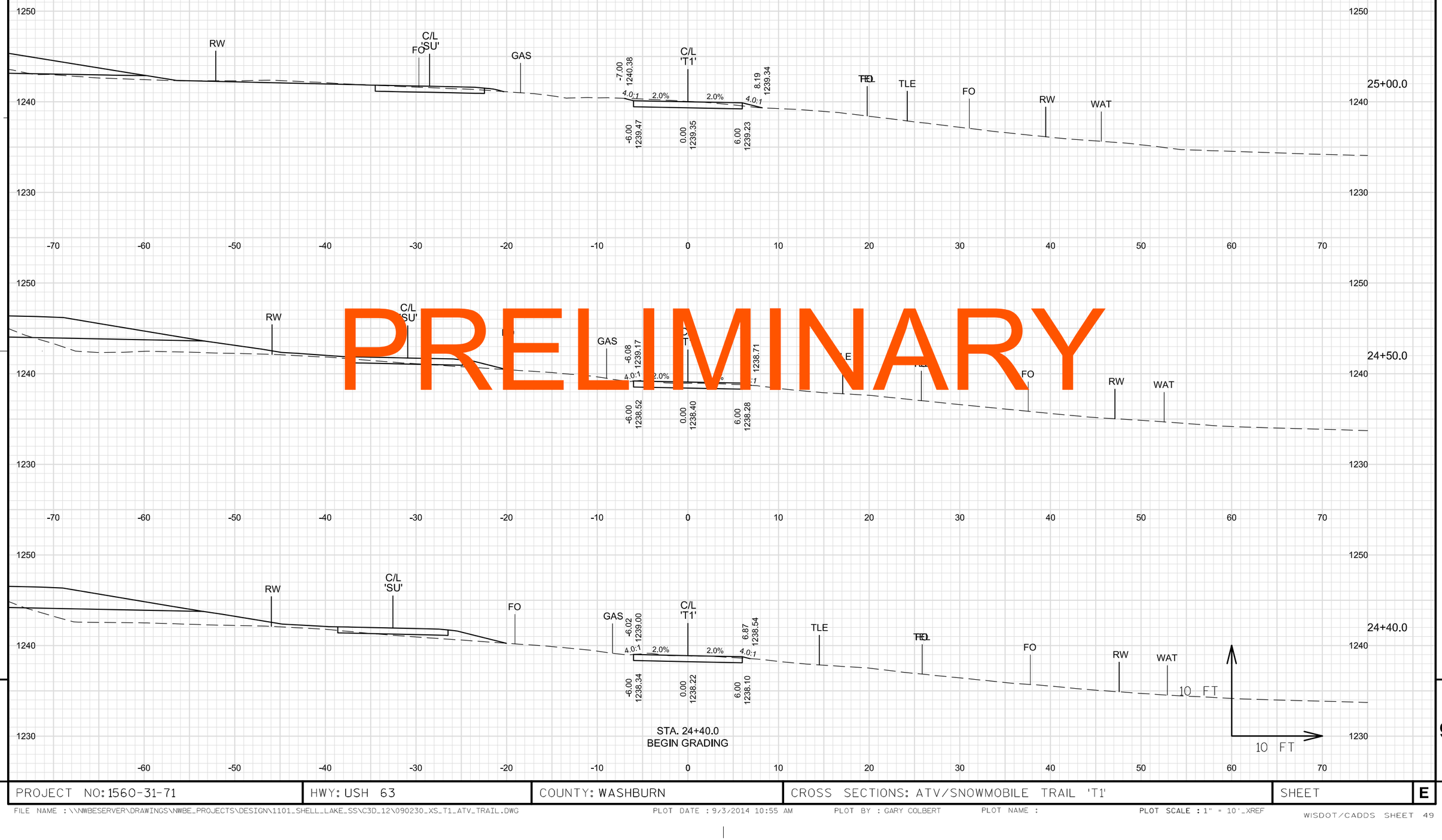
9

PROJECT NO: 1560-31-71	HWY: USH 63	COUNTY: WASHBURN	CROSS SECTIONS: ATV/SNOWMOBILE TRAIL 'T1'	SHEET	E

FILE NAME : \\NWBESERVER\DRAWINGS\NWBE_PROJECTS\DESIGN\1101_SHELL_LAKE_SS\C3D_12\090230_XS_T1_ATV_TRAIL.DWG
PLOT DATE : 9/3/2014 10:55 AM
PLOT BY : GARY COLBERT
PLOT NAME :
PLOT SCALE : 1" = 10'_XREF
WISDOT/CADDS SHEET 49

PRELIMINARY



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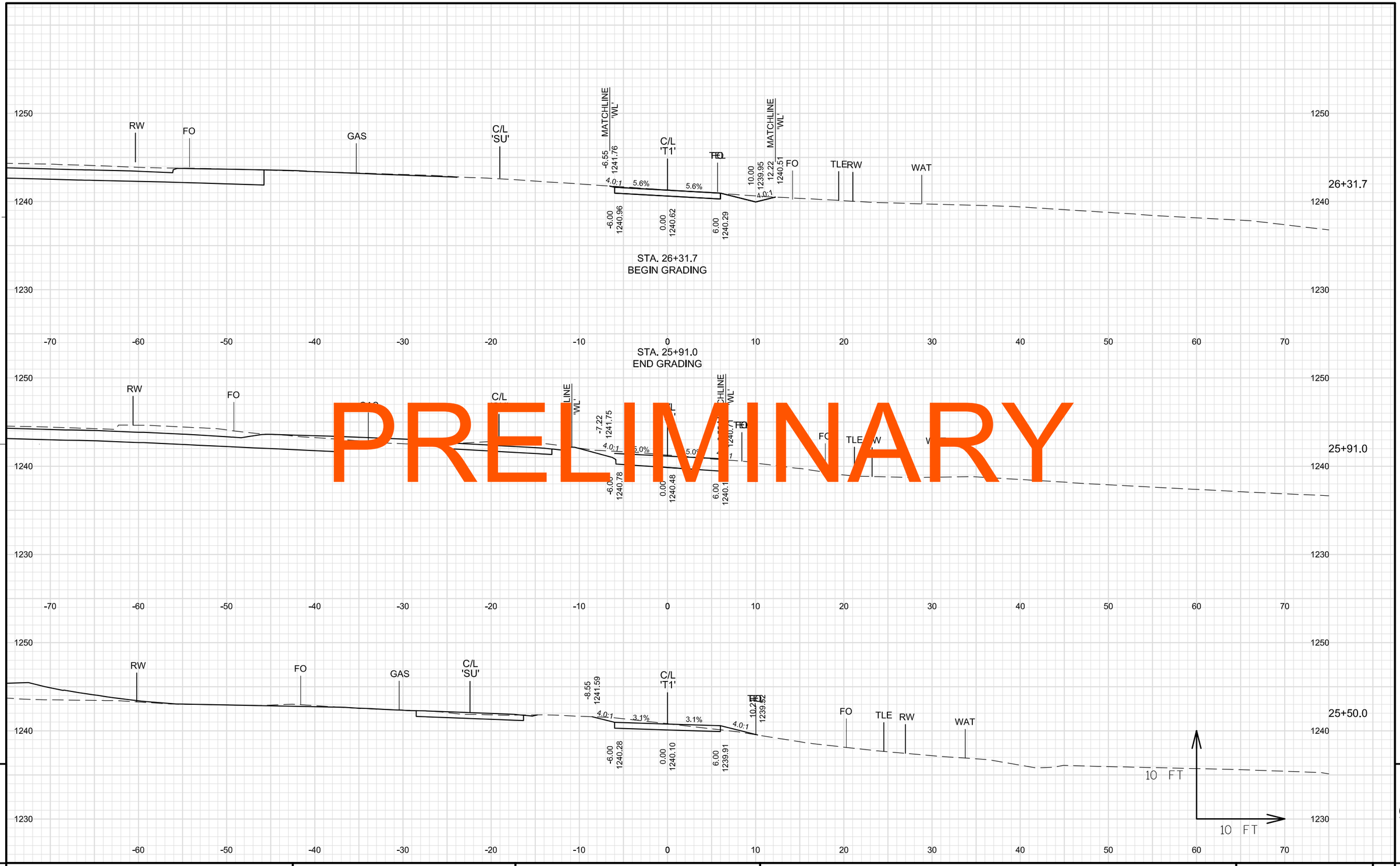
9

PROJECT NO: 1560-31-71	HWY: USH 63	COUNTY: WASHBURN	CROSS SECTIONS: ATV/SNOWMOBILE TRAIL 'T1'	SHEET E

FILE NAME : \\NWBESERVER\DRAWINGS\NWBE_PROJECTS\DESIGN\1101_SHELL_LAKE_SS\C3D_12\090230_XS_T1_ATV_TRAIL.DWG
PLOT DATE : 9/3/2014 10:55 AM
PLOT BY : GARY COLBERT
PLOT NAME :
PLOT SCALE : 1" = 10'_XREF
WISDOT/CADDS SHEET 49



PRELIMINARY

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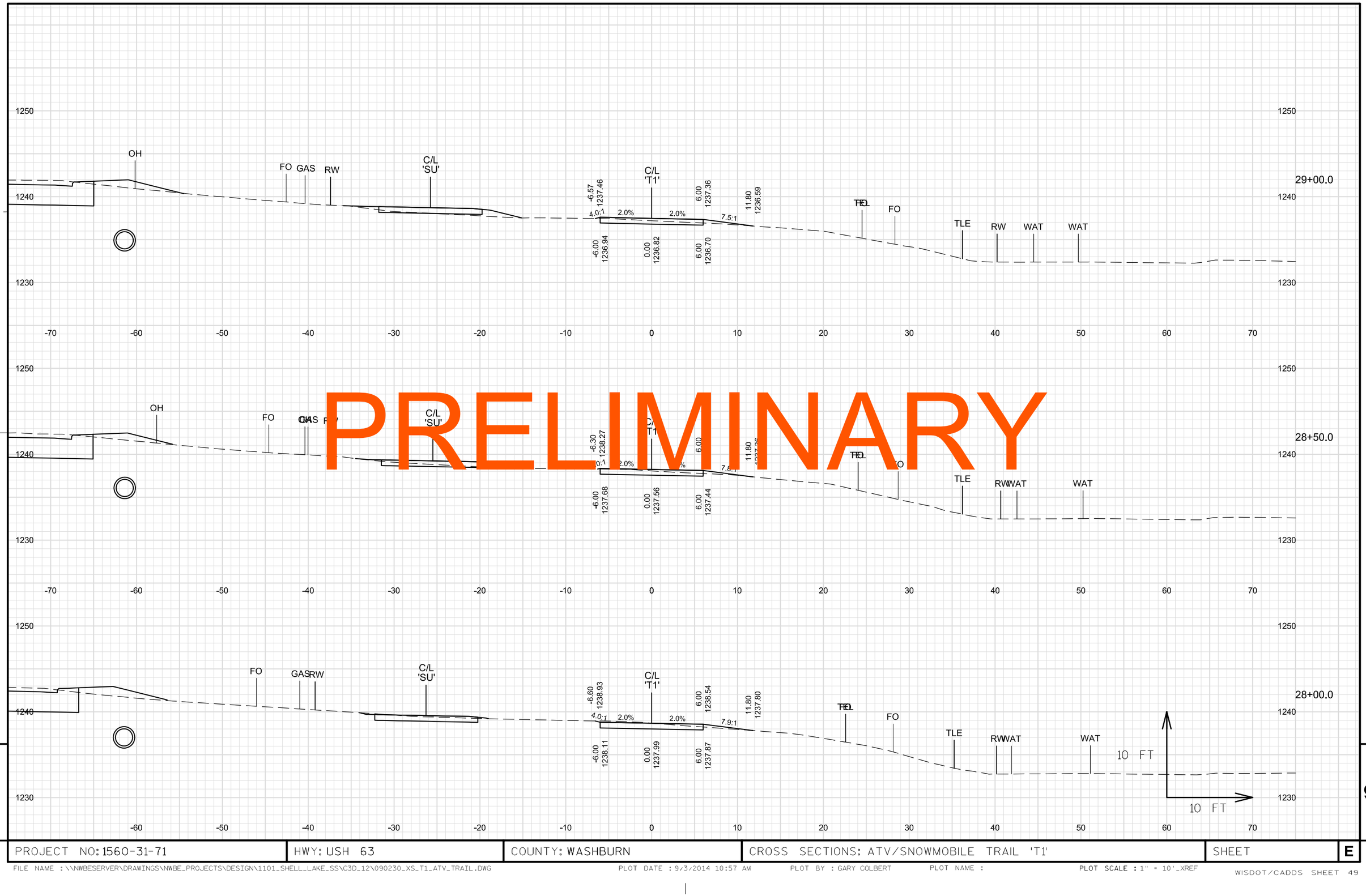
PROJECT NO: 1560-31-71	HWY: USH 63	COUNTY: WASHBURN	CROSS SECTIONS: ATV/SNOWMOBILE TRAIL 'T1'	SHEET	E

FILE NAME : \\NWBESERVER\DRAWINGS\NWBE_PROJECTS\DESIGN\1101_SHELL_LAKE_SS\C3D_12\090230_XS_T1_ATV_TRAIL.DWG
PLOT DATE : 9/3/2014 10:56 AM
PLOT BY : GARY COLBERT
PLOT NAME :
PLOT SCALE : 1" = 10'_XREF
WISDOT/CADDS SHEET 49

PRELIMINARY

PROJECT NO: 1560-31-71	HWY: USH 63	COUNTY: WASHBURN	CROSS SECTIONS: ATV/SNOWMOBILE TRAIL 'T1'	SHEET	E

FILE NAME : \\NWBESERVER\DRAWINGS\NWBE_PROJECTS\DESIGN\1101_SHELL_LAKE_SS\C3D_12\090230_XS_T1_ATV_TRAIL.DWG PLOT DATE : 9/3/2014 10:56 AM PLOT BY : GARY COLBERT PLOT NAME : PLOT SCALE : 1" = 10'_XREF



PRELIMINARY

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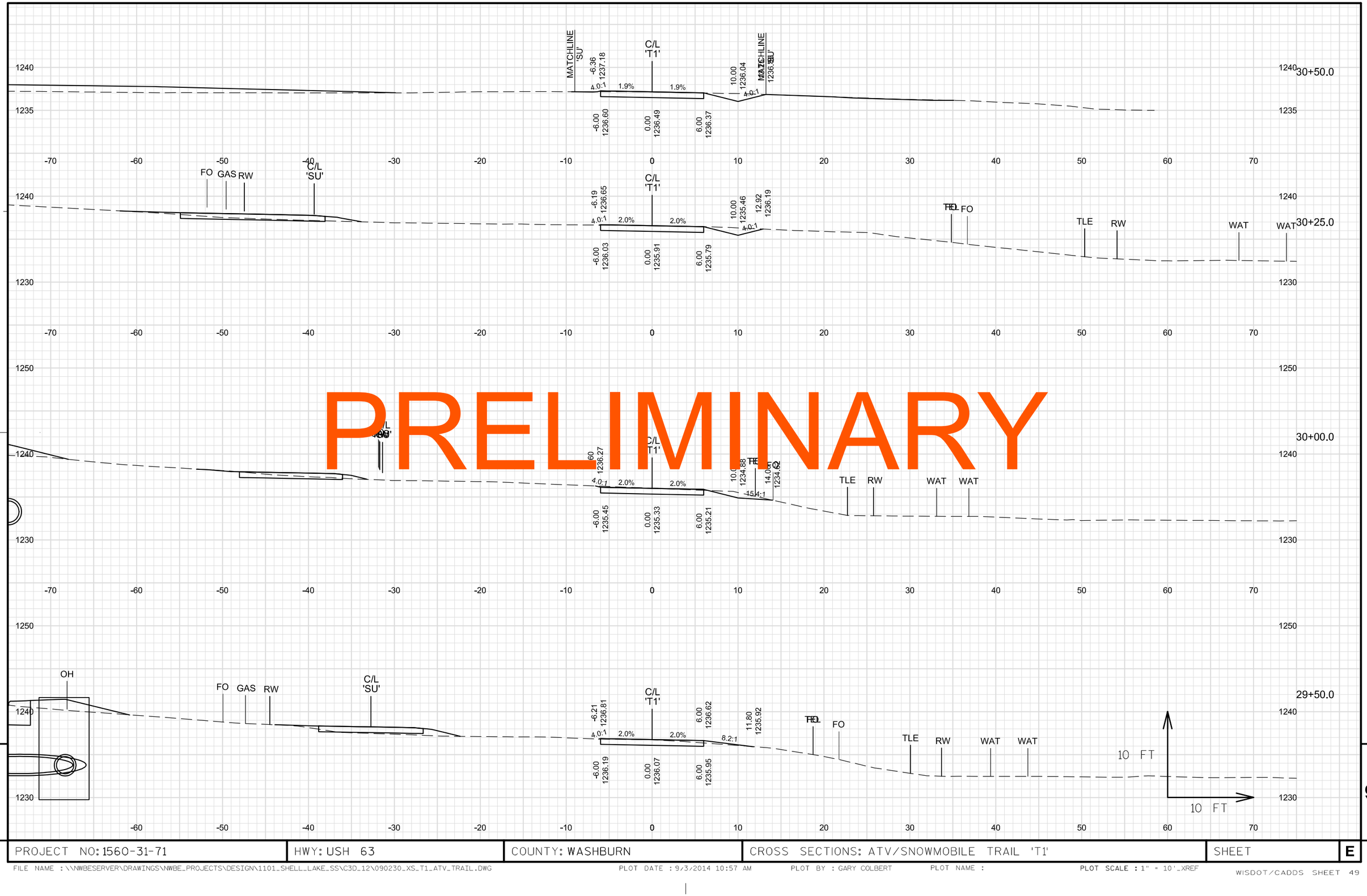
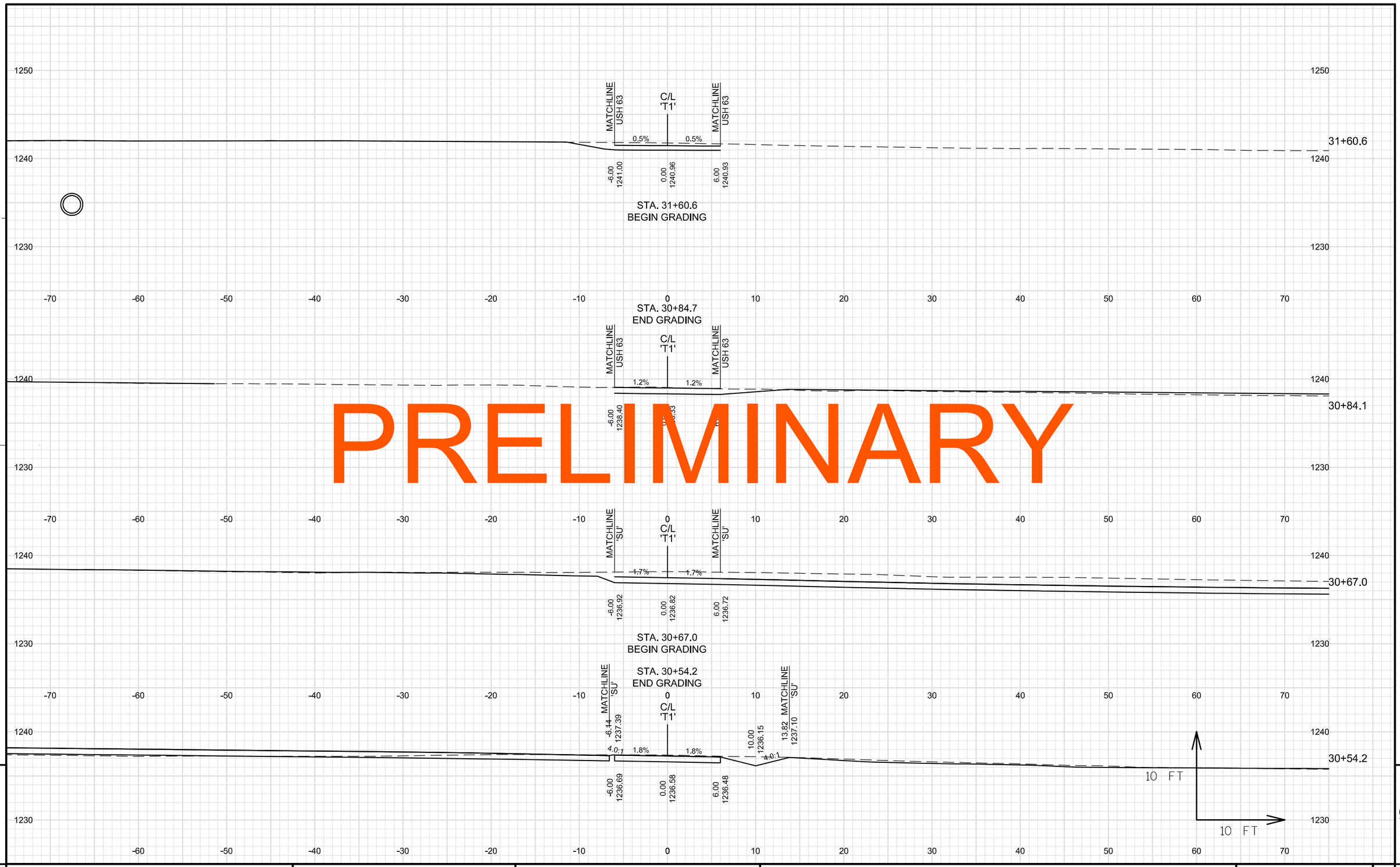
PROJECT NO: 1560-31-71	HWY: USH 63	COUNTY: WASHBURN	CROSS SECTIONS: ATV/SNOWMOBILE TRAIL 'T1'	SHEET	E

FILE NAME : \\NWBESERVER\DRAWINGS\NWBE_PROJECTS\DESIGN\1101_SHELL_LAKE_SS\C3D_12\090230_XS_T1_ATV_TRAIL.DWG
PLOT DATE : 9/3/2014 10:57 AM
PLOT BY : GARY COLBERT
PLOT NAME :
PLOT SCALE : 1" = 10'_XREF
WISDOT/CADDS SHEET 49

PRELIMINARY



PROJECT NO: 1560-31-71	HWY: USH 63	COUNTY: WASHBURN	CROSS SECTIONS: ATV/SNOWMOBILE TRAIL 'T1'	SHEET	E



PRELIMINARY

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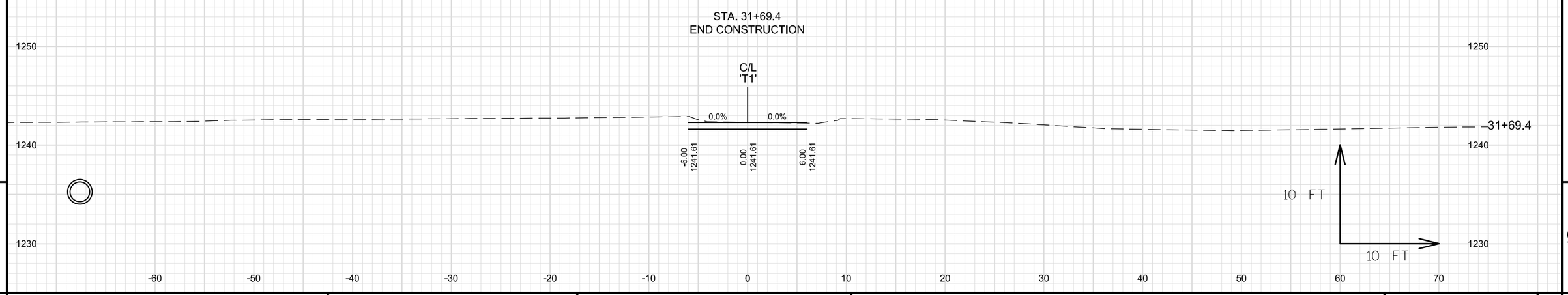
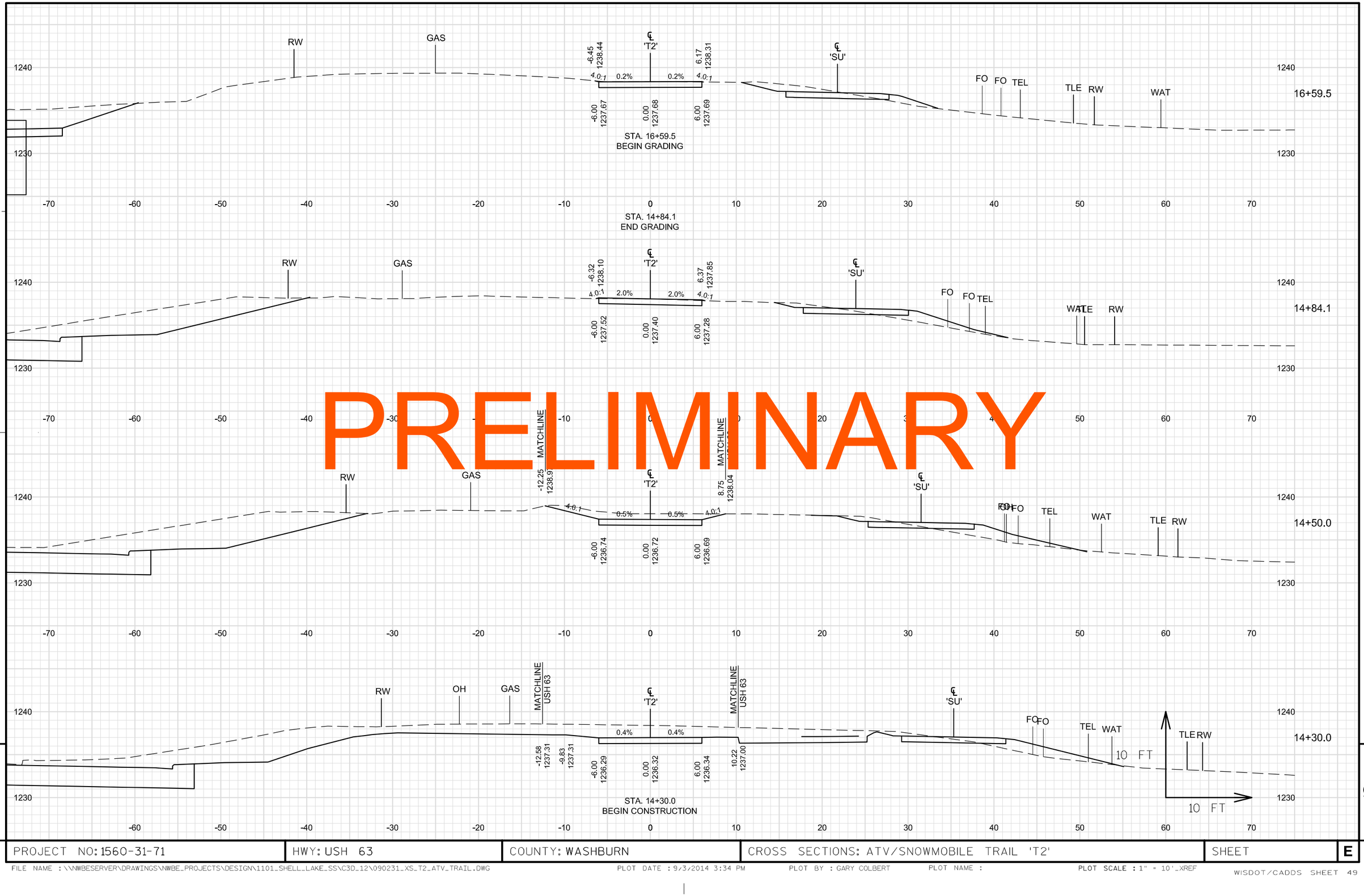
PROJECT NO: 1560-31-71	HWY: USH 63	COUNTY: WASHBURN	CROSS SECTIONS: ATV/SNOWMOBILE TRAIL 'T1'	SHEET E

FILE NAME : \\NWBESERVER\DRAWINGS\NWBE_PROJECTS\DESIGN\1101_SHELL_LAKE_SS\C3D_12\090230_XS_T1_ATV_TRAIL.DWG PLOT DATE : 9/3/2014 10:57 AM PLOT BY : GARY COLBERT PLOT NAME : PLOT SCALE : 1" = 10'_XREF

PRELIMINARY



PROJECT NO: 1560-31-71	HWY: USH 63	COUNTY: WASHBURN	CROSS SECTIONS: ATV/SNOWMOBILE TRAIL 'T1'	SHEET	E



PRELIMINARY

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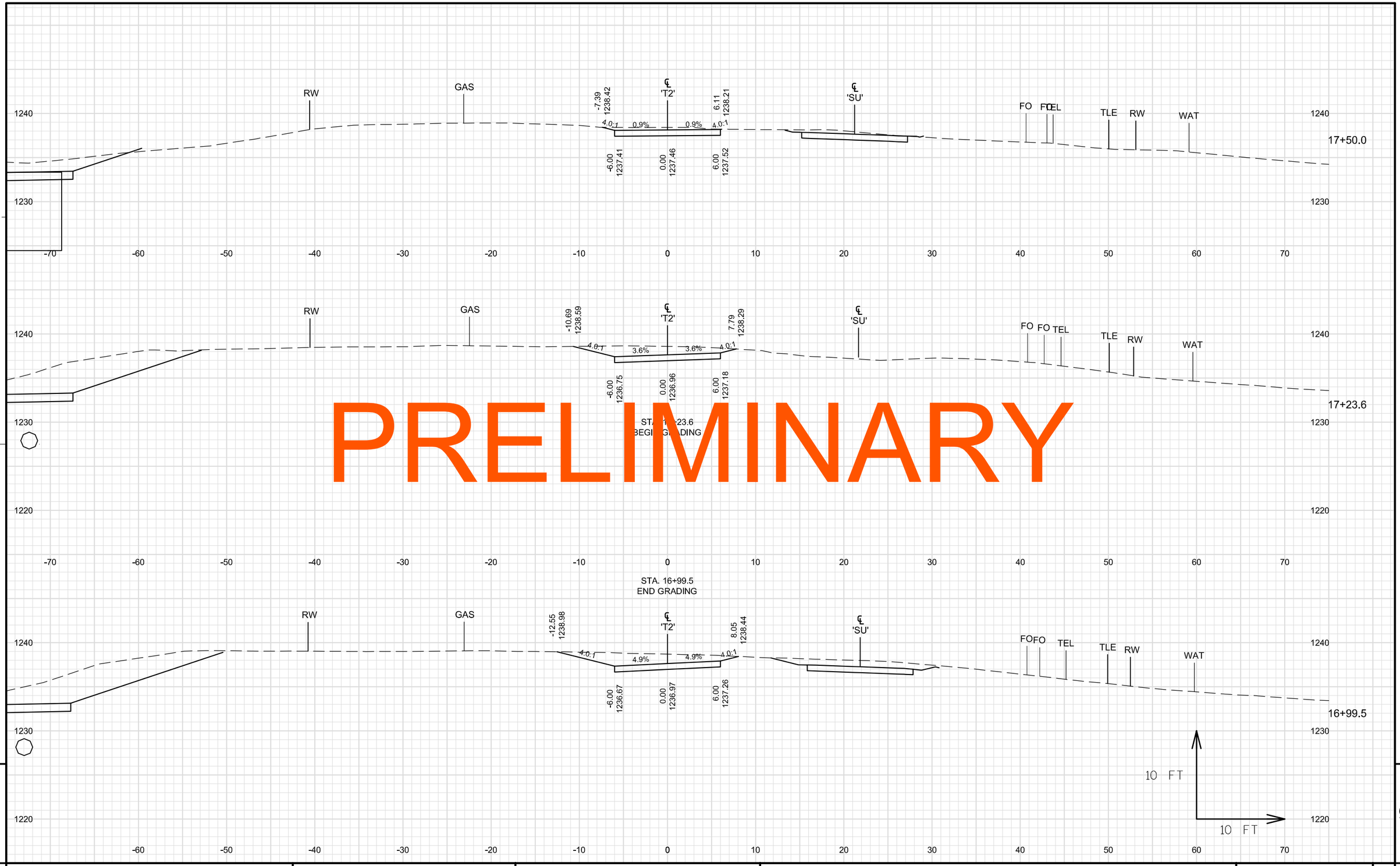
PROJECT NO: 1560-31-71	HWY: USH 63	COUNTY: WASHBURN	CROSS SECTIONS: ATV/SNOWMOBILE TRAIL 'T2'	SHEET E

FILE NAME : \\NWBESERVER\DRAWINGS\NWBE_PROJECTS\DESIGN\1101_SHELL_LAKE_SS\C3D_12\090231_XS_T2_ATV_TRAIL.DWG
PLOT DATE : 9/3/2014 3:34 PM
PLOT BY : GARY COLBERT
PLOT NAME :
PLOT SCALE : 1" = 10'_XREF
WISDOT/CADDS SHEET 49



PRELIMINARY

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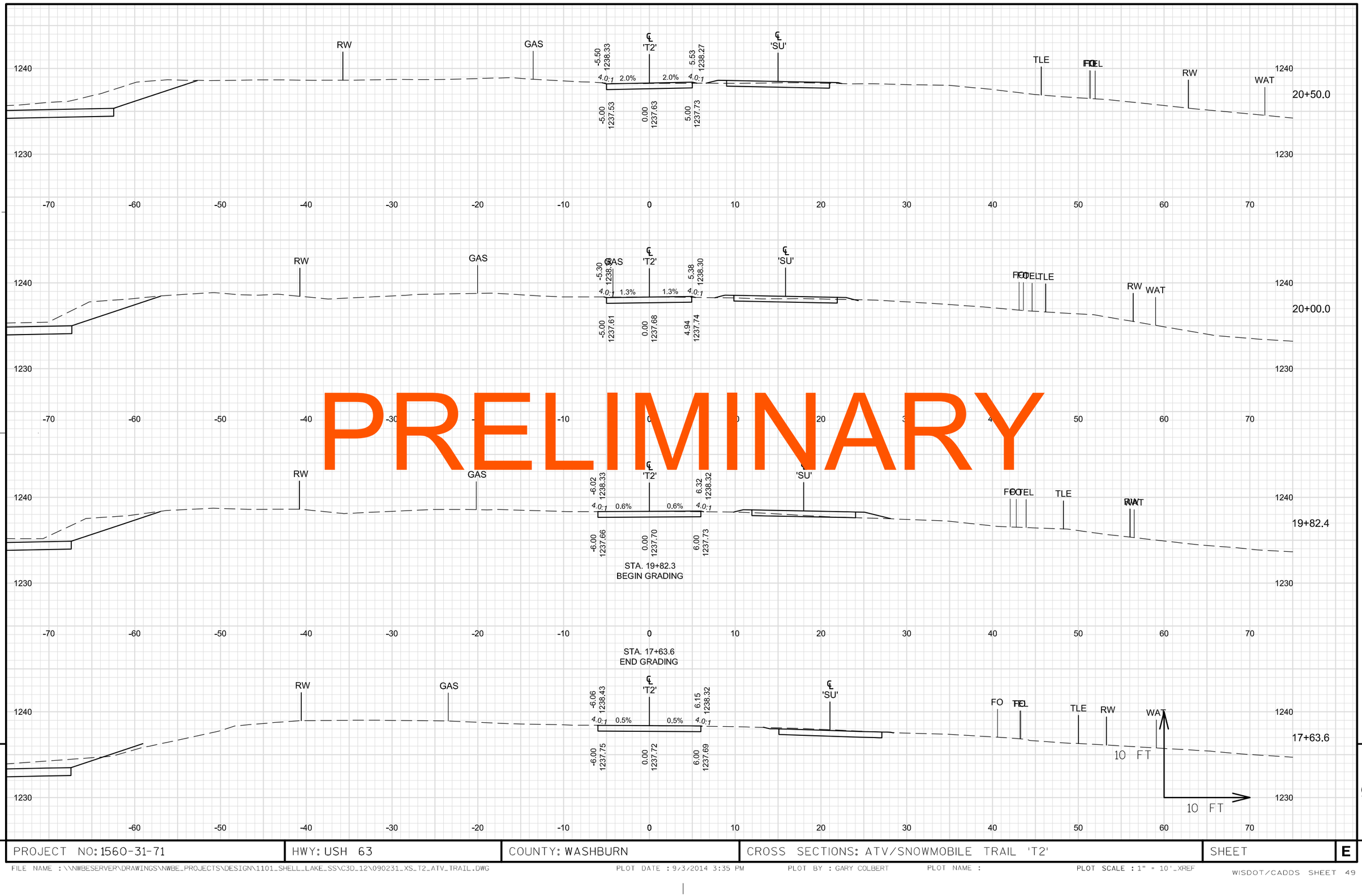
PROJECT NO: 1560-31-71	HWY: USH 63	COUNTY: WASHBURN	CROSS SECTIONS: ATV/SNOWMOBILE TRAIL 'T2'	SHEET	E

FILE NAME : \\NWBESERVER\DRAWINGS\NWBE_PROJECTS\DESIGN\1101_SHELL_LAKE_SS\C3D_12\090231_XS_T2_ATV_TRAIL.DWG PLOT DATE : 9/3/2014 3:35 PM PLOT BY : GARY COLBERT PLOT NAME : PLOT SCALE : 1" = 10'_XREF



PRELIMINARY

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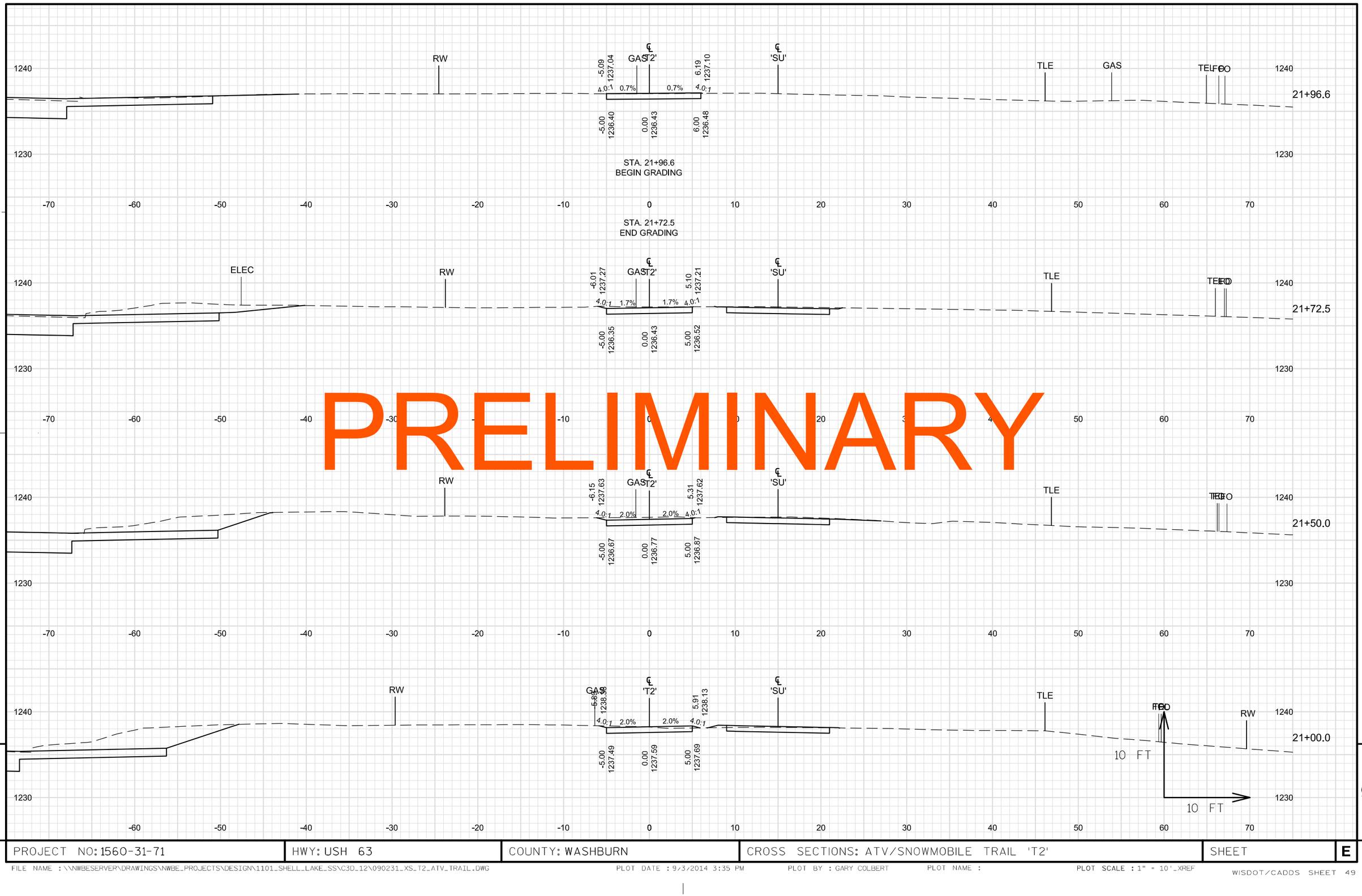
PROJECT NO: 1560-31-71	HWY: USH 63	COUNTY: WASHBURN	CROSS SECTIONS: ATV/SNOWMOBILE TRAIL 'T2'	SHEET E

FILE NAME : \\NWBESERVER\DRAWINGS\NWBE_PROJECTS\DESIGN\1101_SHELL_LAKE_SS\C3D_12\090231_XS_T2_ATV_TRAIL.DWG PLOT DATE : 9/3/2014 3:35 PM PLOT BY : GARY COLBERT PLOT NAME : PLOT SCALE : 1" = 10'_XREF



PRELIMINARY

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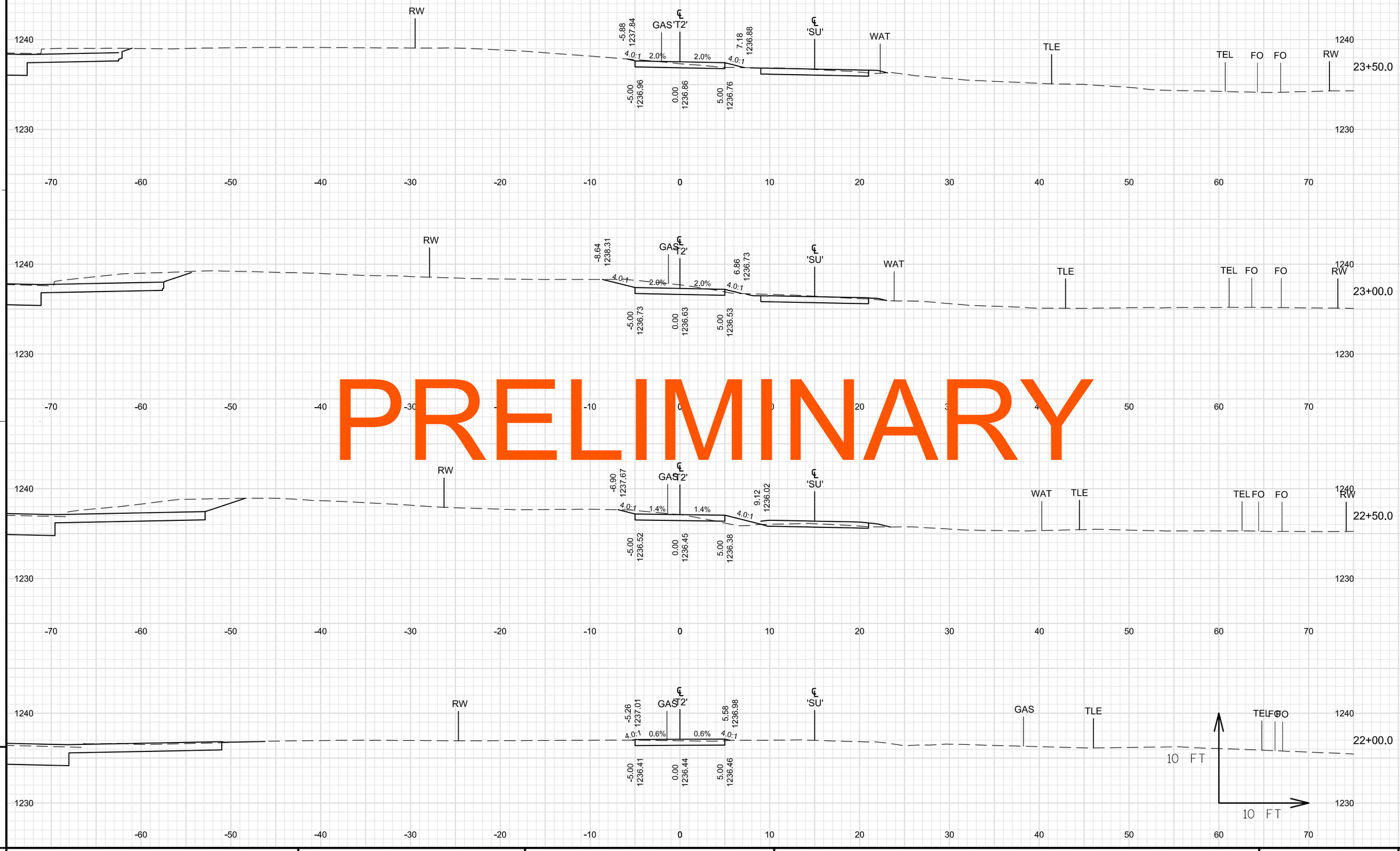
PROJECT NO: 1560-31-71	HWY: USH 63	COUNTY: WASHBURN	CROSS SECTIONS: ATV/SNOWMOBILE TRAIL 'T2'	SHEET	E

FILE NAME : \\NWBESERVER\DRAWINGS\NWBE_PROJECTS\DESIGN\1101_SHELL_LAKE_SS\C3D_12\090231_XS_T2_ATV_TRAIL.DWG PLOT DATE : 9/3/2014 3:35 PM PLOT BY : GARY COLBERT PLOT NAME : PLOT SCALE : 1" = 10'_XREF



PRELIMINARY

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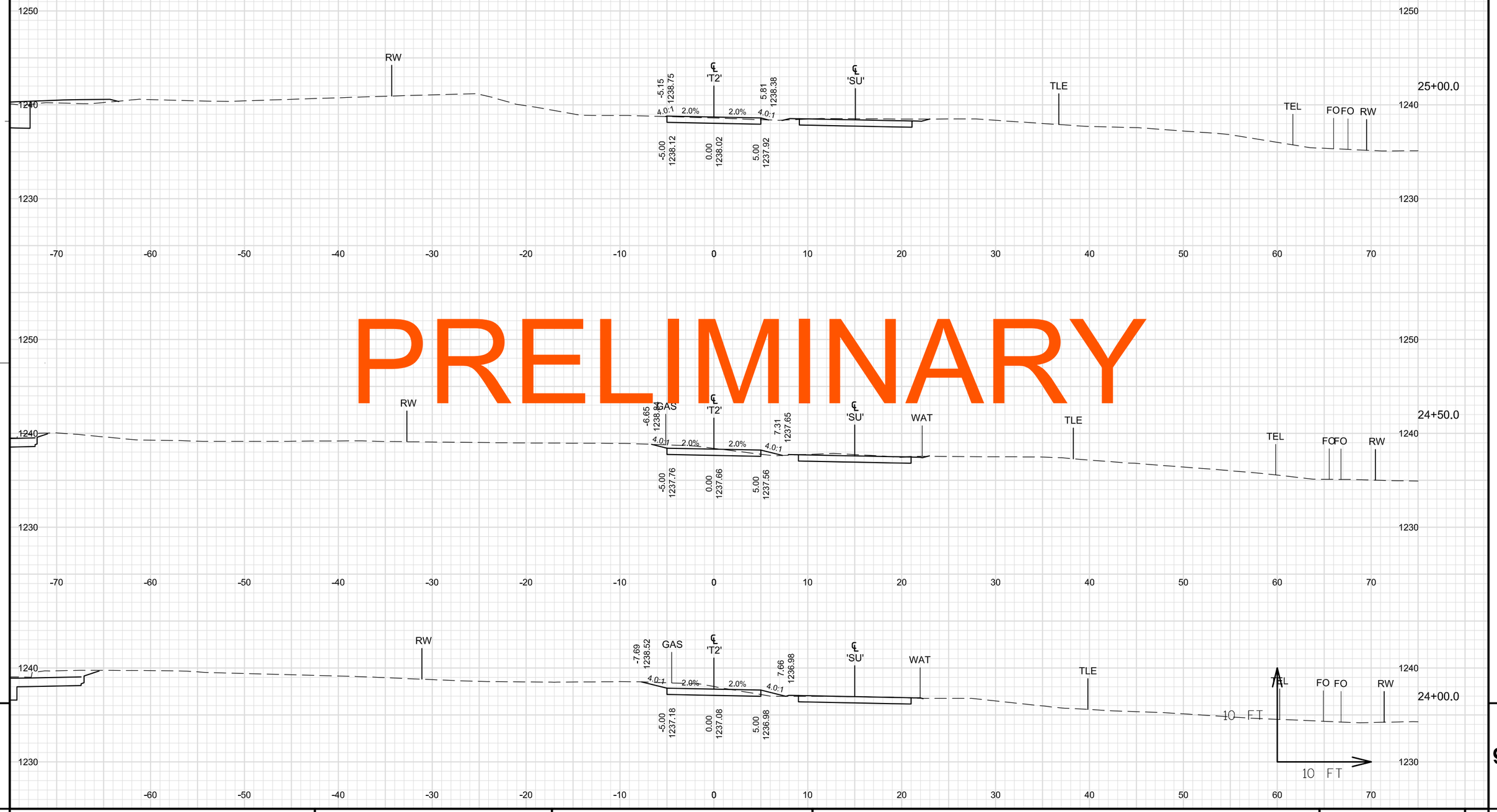
PROJECT NO: 1560-31-71	HWY: USH 63	COUNTY: WASHBURN	CROSS SECTIONS: ATV/SNOWMOBILE TRAIL 'T2'	SHEET E

FILE NAME : \\NWBESERVER\DRAWINGS\NWBE_PROJECTS\DESIGN\1101_SHELL_LAKE_SS\C3D_12\090231_XS_T2_ATV_TRAIL.DWG
PLOT DATE : 9/3/2014 3:35 PM
PLOT BY : GARY COLBERT
PLOT NAME :
PLOT SCALE : 1" = 10'_XREF
WISDOT/CADDS SHEET 49

PRELIMINARY



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PROJECT NO: 1560-31-71	HWY: USH 63	COUNTY: WASHBURN	CROSS SECTIONS: ATV/SNOWMOBILE TRAIL 'T2'	SHEET E

FILE NAME : \\NWBESERVER\DRAWINGS\NWBE_PROJECTS\DESIGN\1101_SHELL_LAKE_SS\C3D_12\090231_XS_T2_ATV_TRAIL.DWG PLOT DATE : 9/3/2014 3:36 PM PLOT BY : GARY COLBERT PLOT NAME : PLOT SCALE : 1" = 10'_XREF

PRELIMINARY

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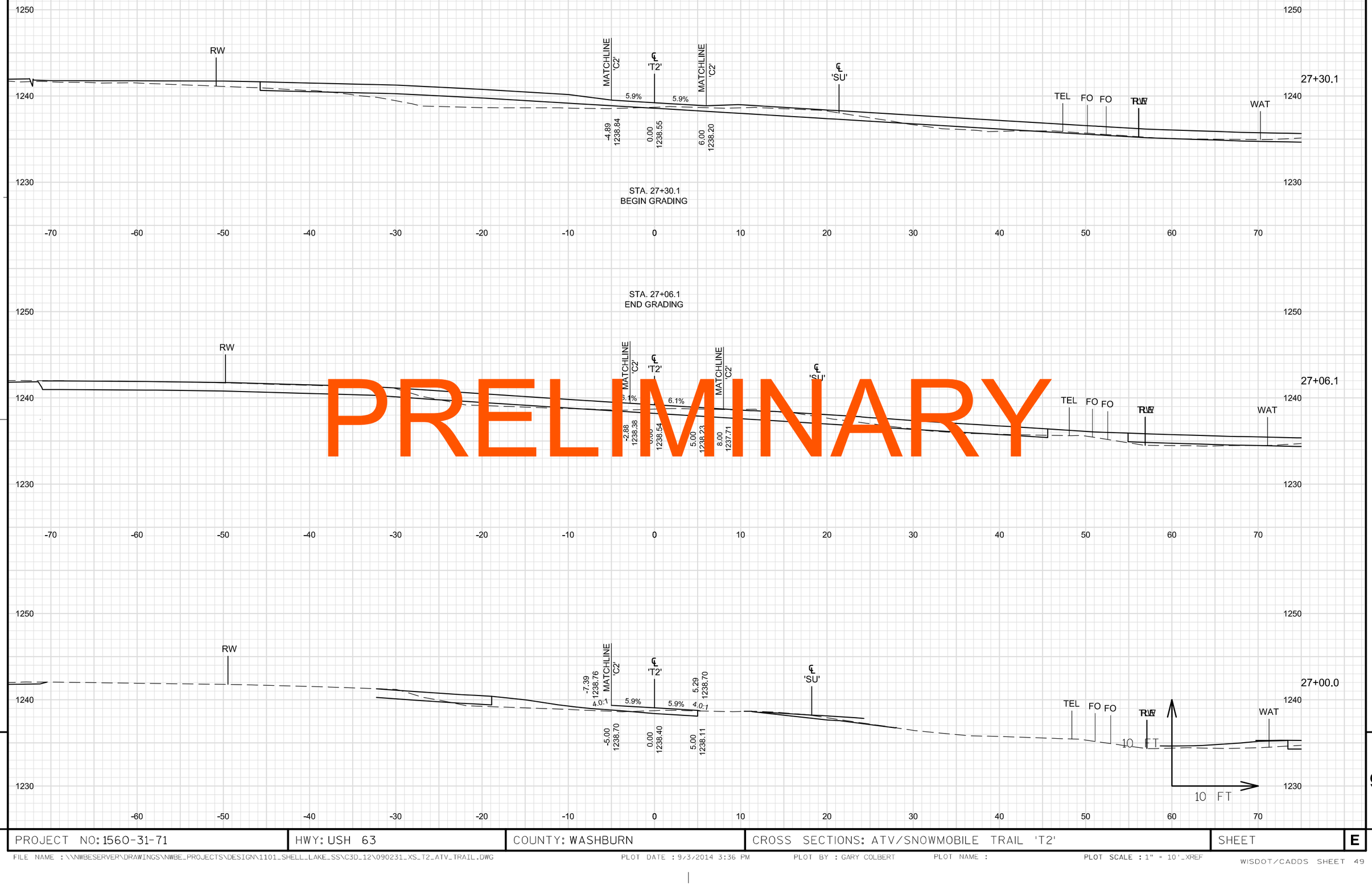
9

PROJECT NO: 1560-31-71	HWY: USH 63	COUNTY: WASHBURN	CROSS SECTIONS: ATV/SNOWMOBILE TRAIL 'T2'	SHEET	E

FILE NAME : \\NWBESERVER\DRAWINGS\NWBE_PROJECTS\DESIGN\1101_SHELL_LAKE_SS\C3D_12\090231_XS_T2_ATV_TRAIL.DWG
PLOT DATE : 9/3/2014 3:36 PM
PLOT BY : GARY COLBERT
PLOT NAME :
PLOT SCALE : 1" = 10'_XREF
WISDOT/CADDS SHEET 49



PRELIMINARY

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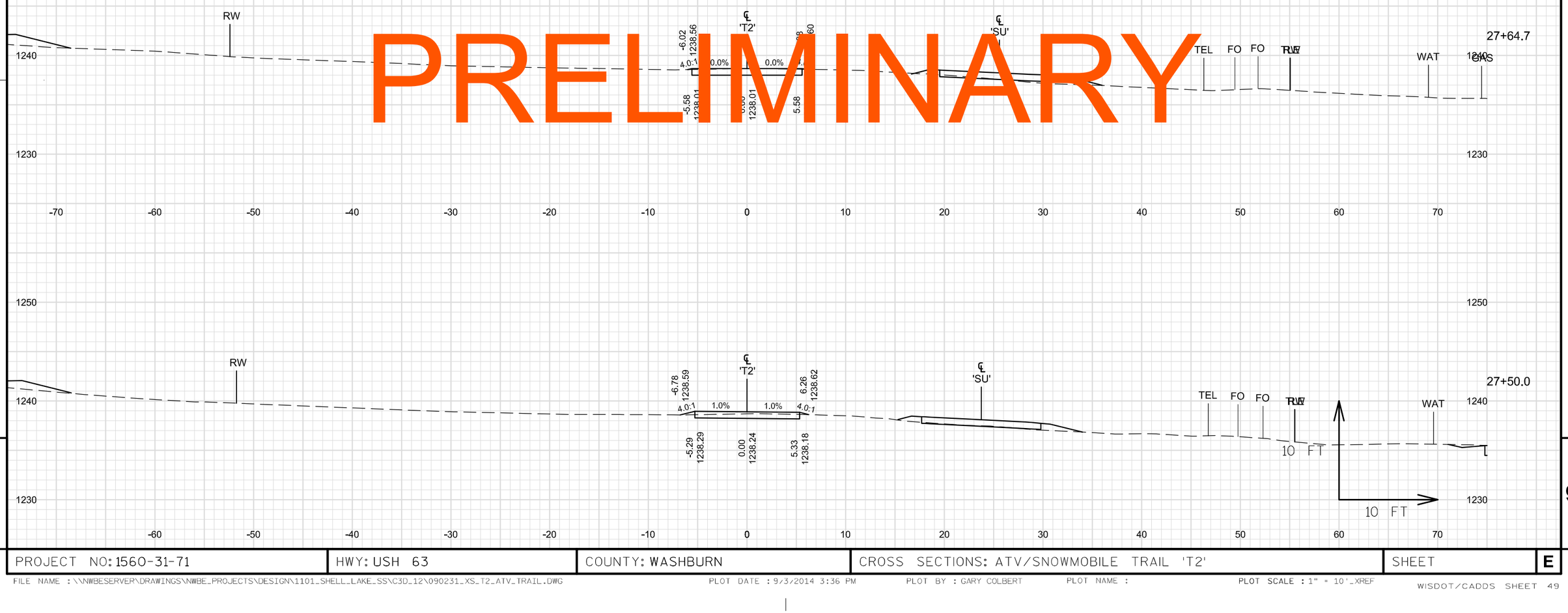
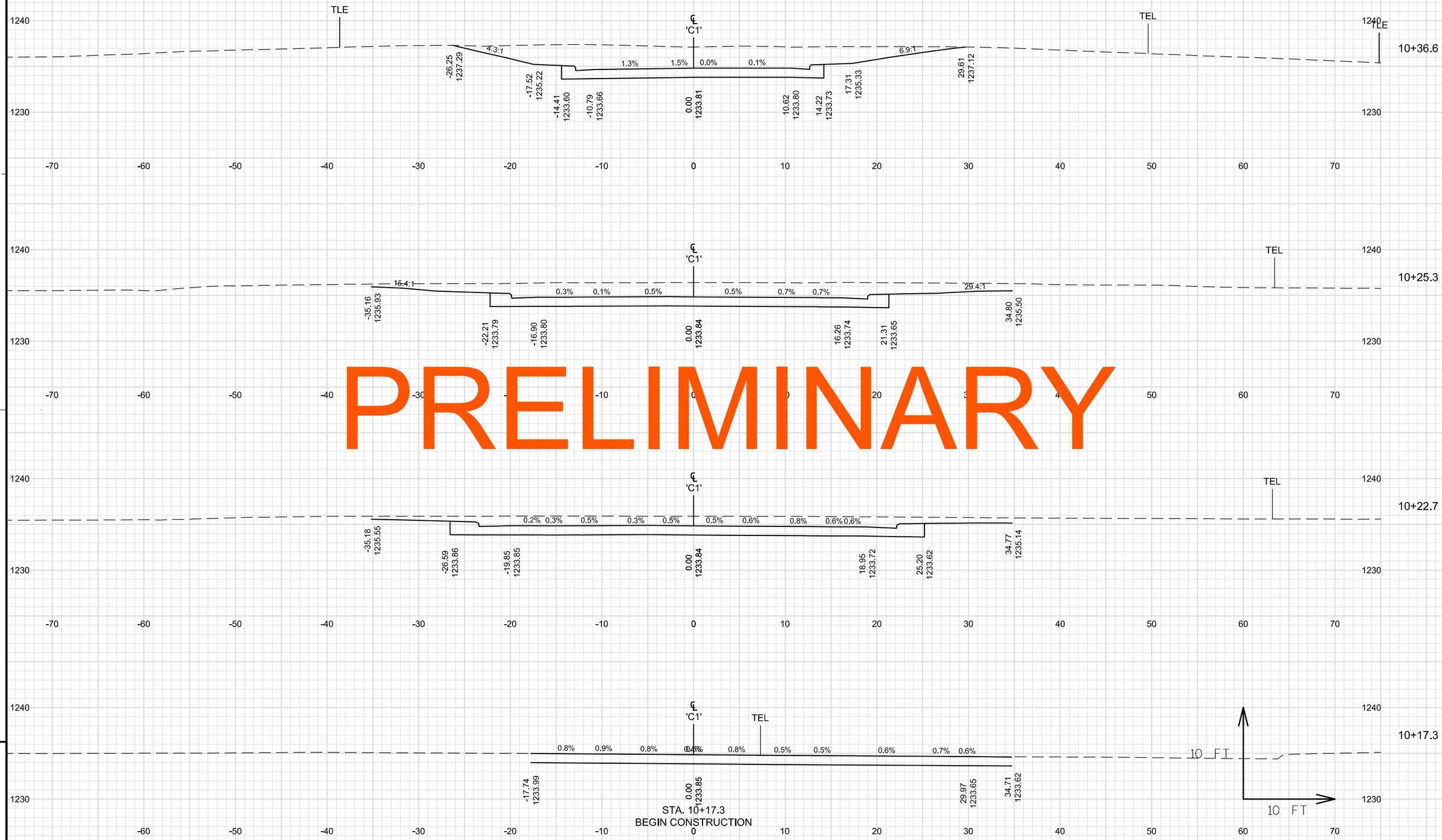
PROJECT NO: 1560-31-71	HWY: USH 63	COUNTY: WASHBURN	CROSS SECTIONS: ATV/SNOWMOBILE TRAIL 'T2'	SHEET	E

PRELIMINARY

STA. 27+64.1
END CONSTRUCTION



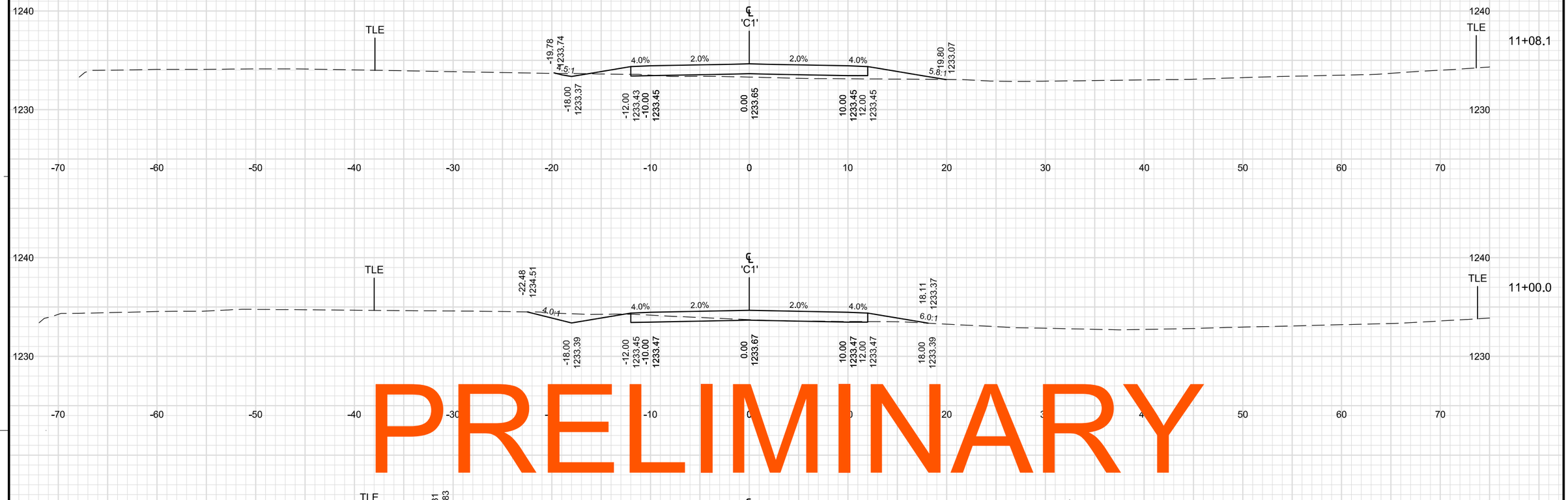
PROJECT NO: 1560-31-71	HWY: USH 63	COUNTY: WASHBURN	CROSS SECTIONS: ATV/SNOWMOBILE TRAIL 'T2'	SHEET	E



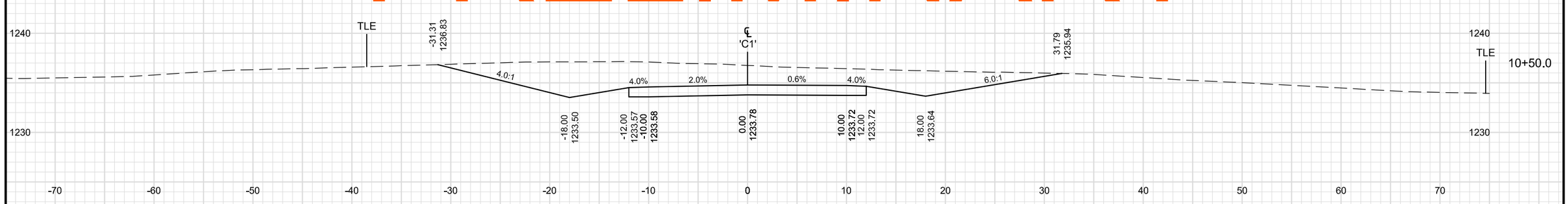
9 9

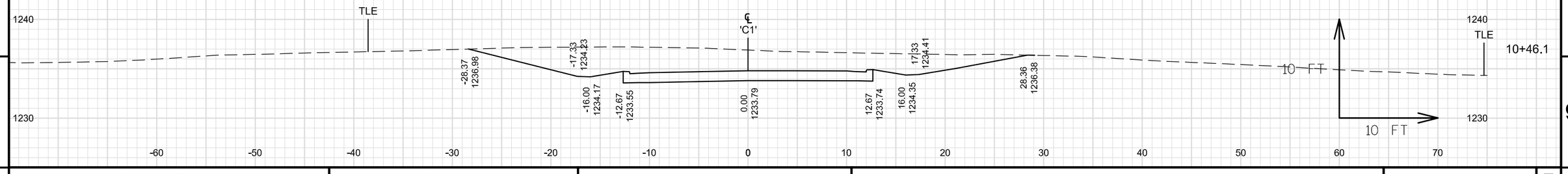
PROJECT NO: 1560-31-71	HWY: USH 63	COUNTY: WASHBURN	CROSS SECTIONS: COMMERCIAL ENTRANCE (U-TURN BUILDING)	SHEET	E

FILE NAME : \\NWBESERVER\DRAWINGS\NWBE_PROJECTS\DESIGN\1101_SHELL_LAKE_SS\C3D_12\090232_XS_CE1_U-TURN_DWY.DWG
PLOT DATE : 9/4/2014 9:28 AM
PLOT BY : GARY COLBERT
PLOT NAME :
PLOT SCALE : 1:10_XREF
WISDOT/CADDS SHEET 49



PRELIMINARY





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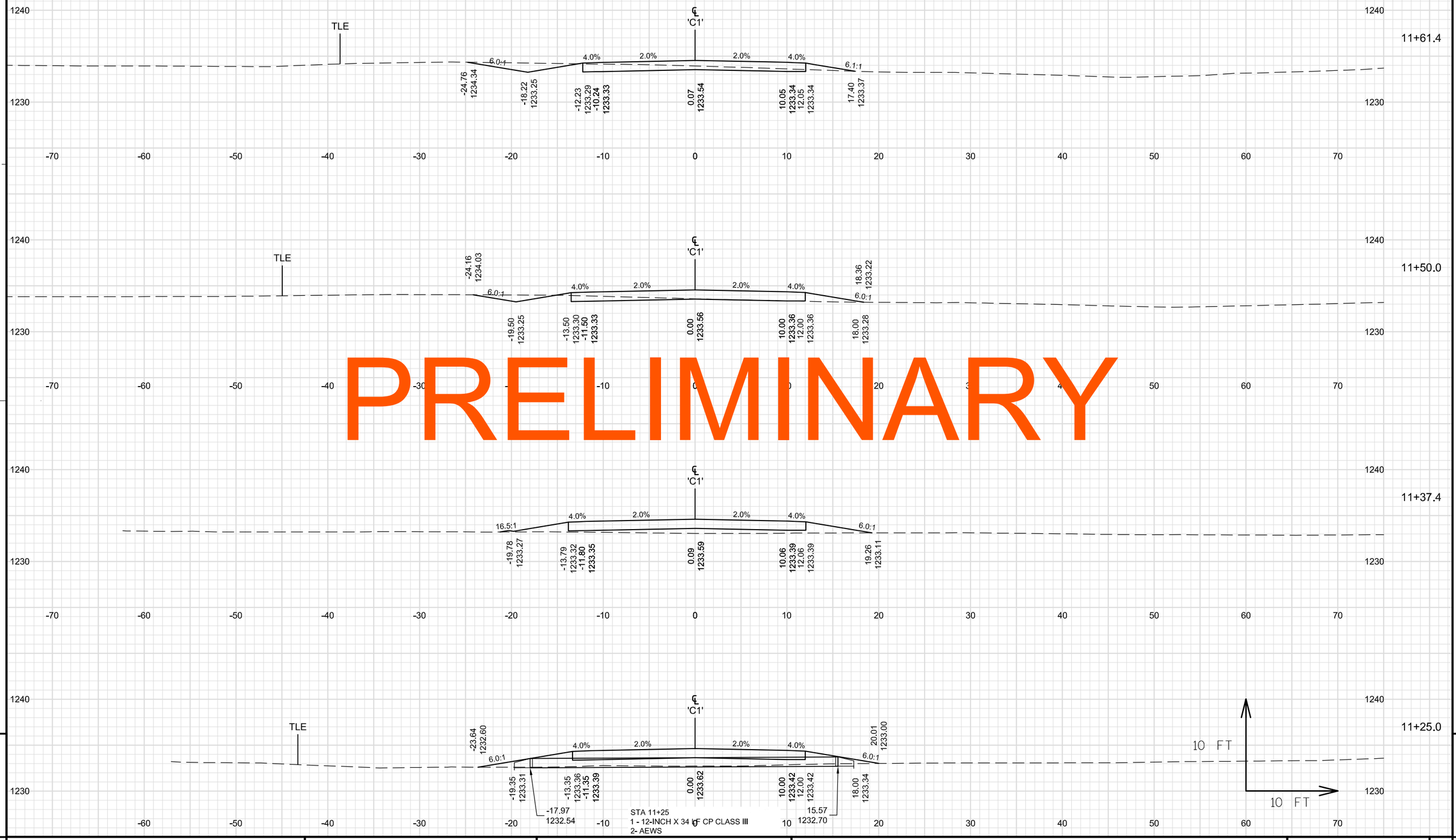
9

PROJECT NO: 1560-31-71	HWY: USH 63	COUNTY: WASHBURN	CROSS SECTIONS: COMMERCIAL ENTRANCE (U-TURN BUILDING)	SHEET	E

FILE NAME : \\NWBESERVER\DRAWINGS\NWBE_PROJECTS\DESIGN\1101_SHELL_LAKE_SS\C3D_12\090232_XS_CE1_U-TURN_DWY.DWG PLOT DATE : 9/4/2014 9:28 AM PLOT BY : GARY COLBERT PLOT NAME : PLOT SCALE : 1:10_XREF

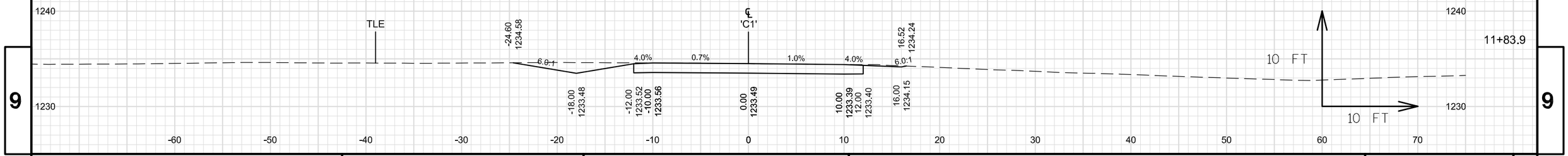


PROJECT NO: 1560-31-71	HWY: USH 63	COUNTY: WASHBURN	CROSS SECTIONS: COMMERCIAL ENTRANCE (U-TURN BUILDING)	SHEET	E

FILE NAME : \\NWBESERVER\DRAWINGS\NWBE_PROJECTS\DESIGN\1101_SHELL_LAKE_SS\C3D_12\090232_XS_CE1_U-TURN_DWY.DWG PLOT DATE : 9/4/2014 9:28 AM PLOT BY : GARY COLBERT PLOT NAME : PLOT SCALE : 1:10_XREF
WISDOT/CADDS SHEET 49

PRELIMINARY

STA. 11+83.9
END CONSTRUCTION



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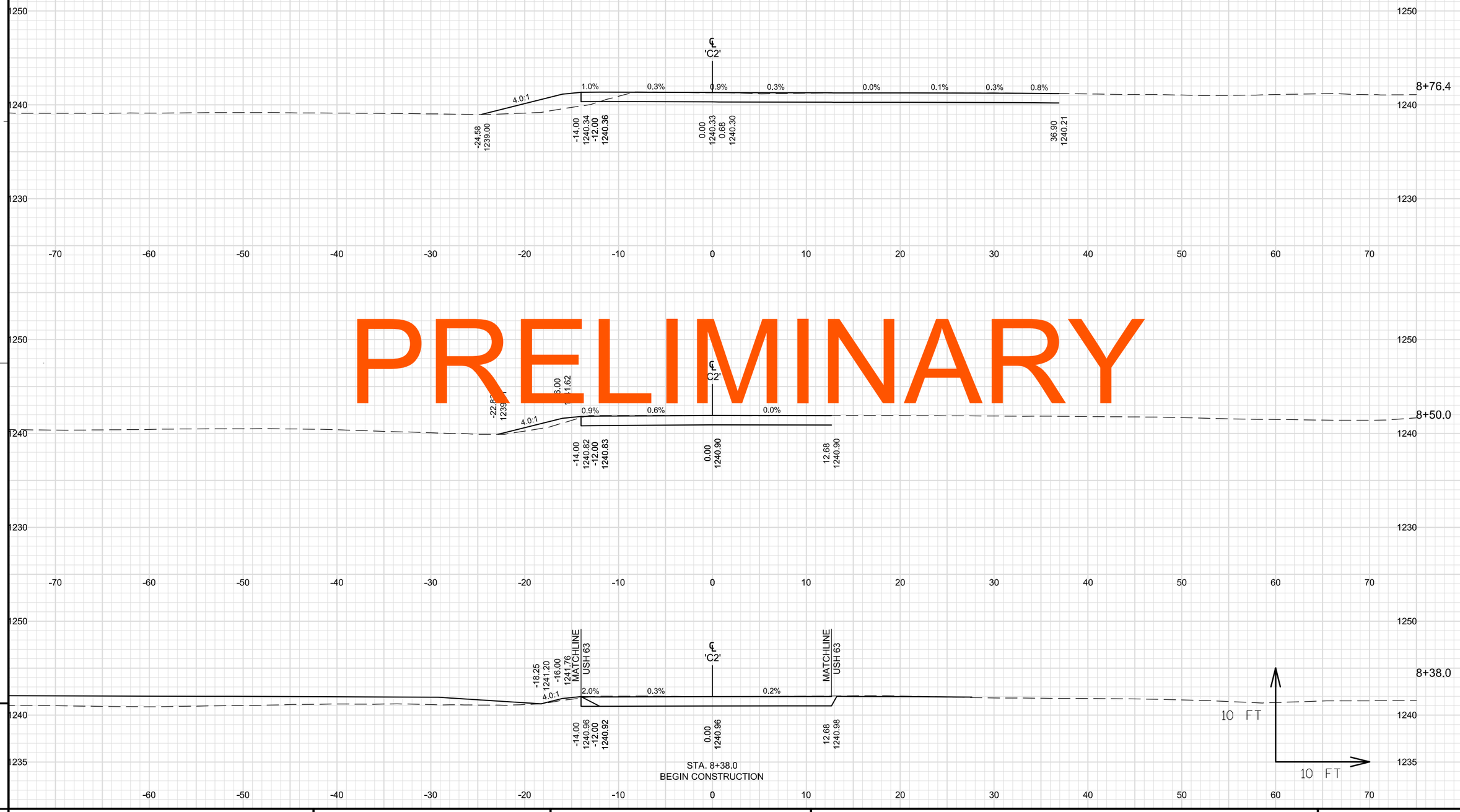
PROJECT NO: 1560-31-71	HWY: USH 63	COUNTY: WASHBURN	CROSS SECTIONS: COMMERCIAL ENTRANCE (U-TURN BUILDING)	SHEET	E



PRELIMINARY

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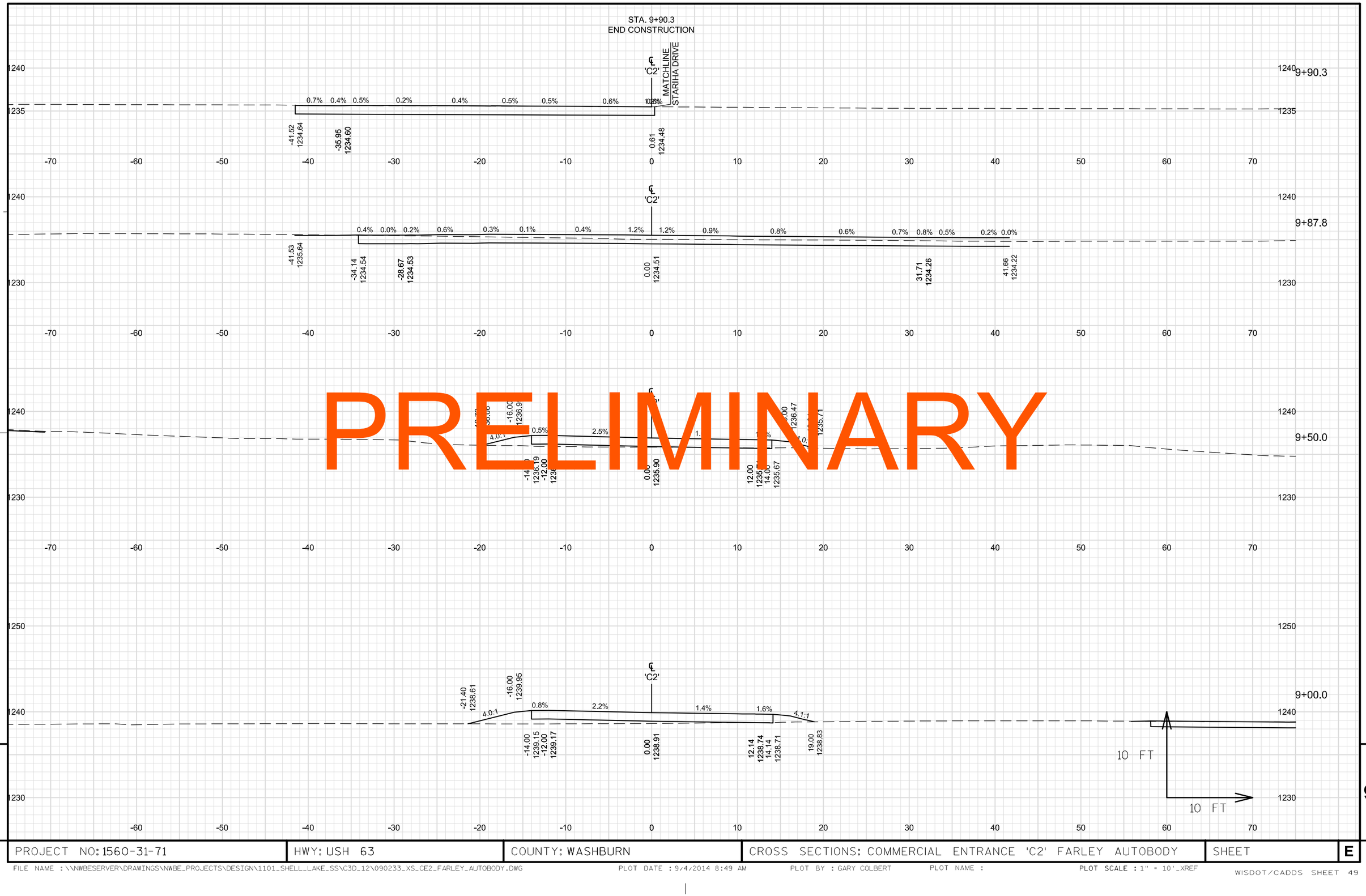
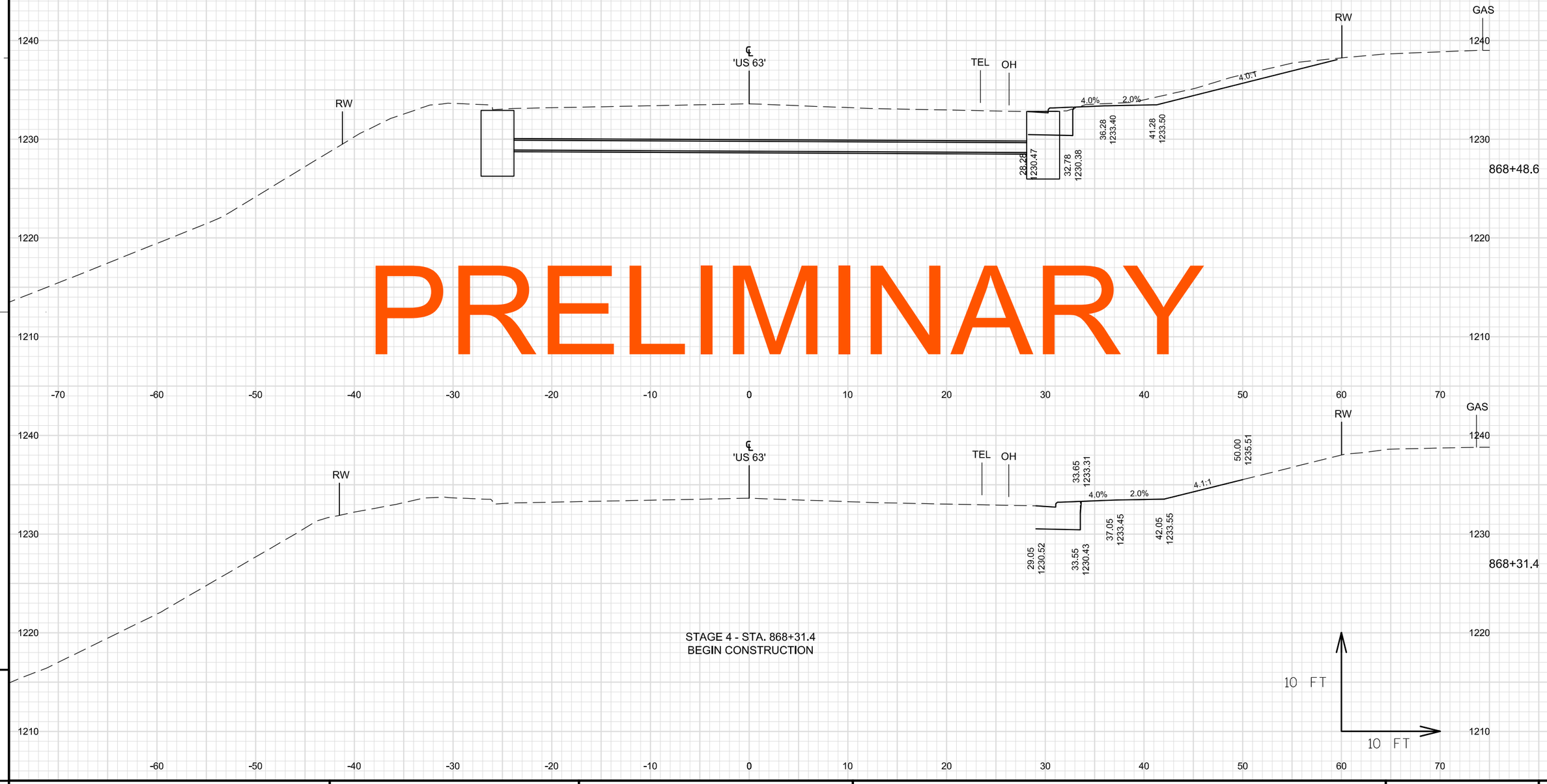
PROJECT NO: 1560-31-71	HWY: USH 63	COUNTY: WASHBURN	CROSS SECTIONS: COMMERCIAL ENTRANCE 'C2' FARLEY AUTOBODY	SHEET	E



PROJECT NO: 1560-31-71	HWY: USH 63	COUNTY: WASHBURN	CROSS SECTIONS: COMMERCIAL ENTRANCE 'C2' FARLEY AUTOBODY	SHEET	E



PRELIMINARY

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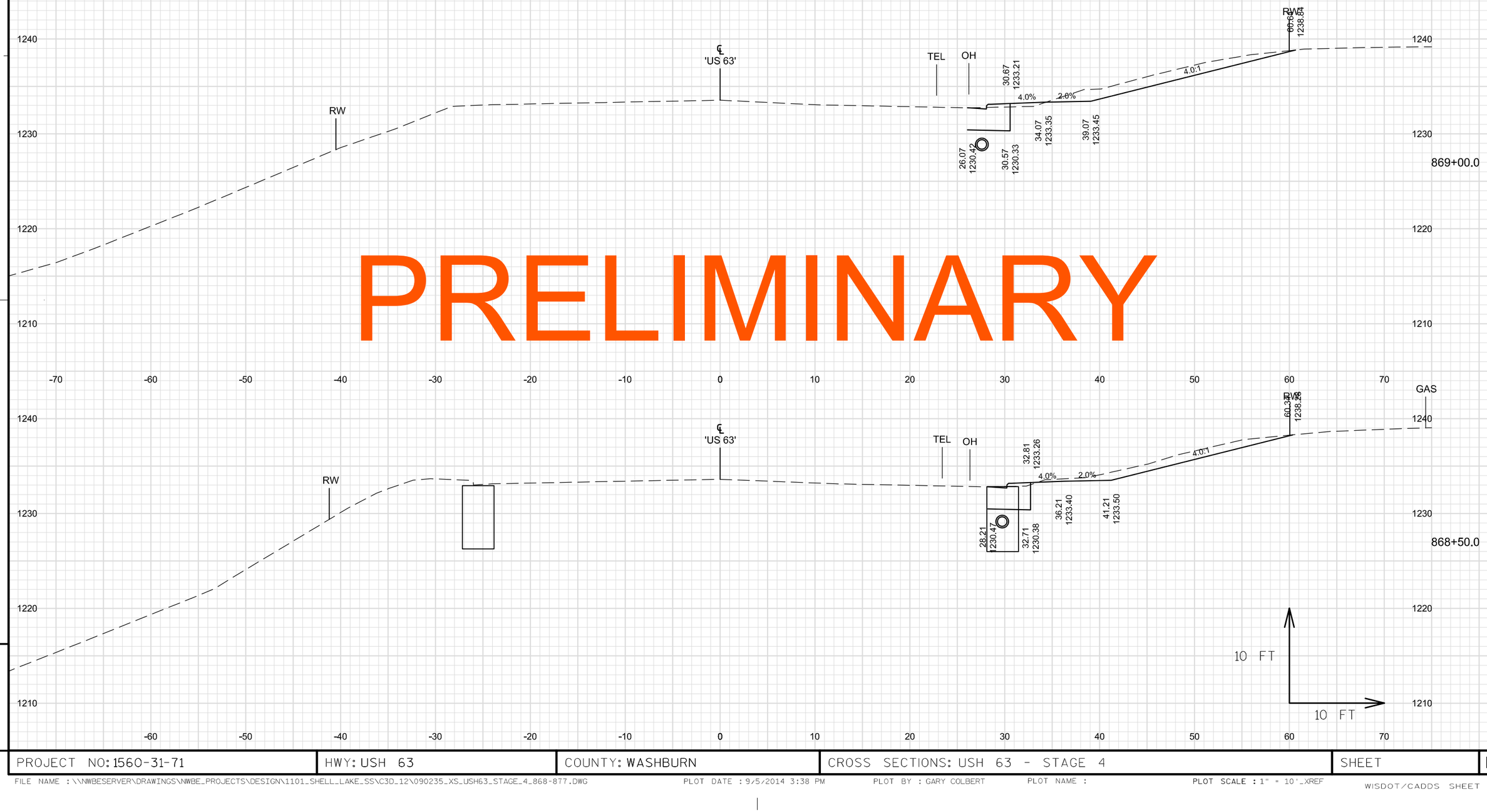
PROJECT NO: 1560-31-71	HWY: USH 63	COUNTY: WASHBURN	CROSS SECTIONS: USH 63 - STAGE 4	SHEET	E

FILE NAME : \\NWBESERVER\DRAWINGS\NWBE_PROJECTS\DESIGN\1101_SHELL_LAKE_SS\C3D_12\090235_XS_USH63_STAGE_4_868-877.DWG PLOT DATE : 9/5/2014 3:38 PM PLOT BY : GARY COLBERT PLOT NAME : PLOT SCALE : 1" = 10'_XREF

WISDOT/CADDS SHEET 49



PRELIMINARY

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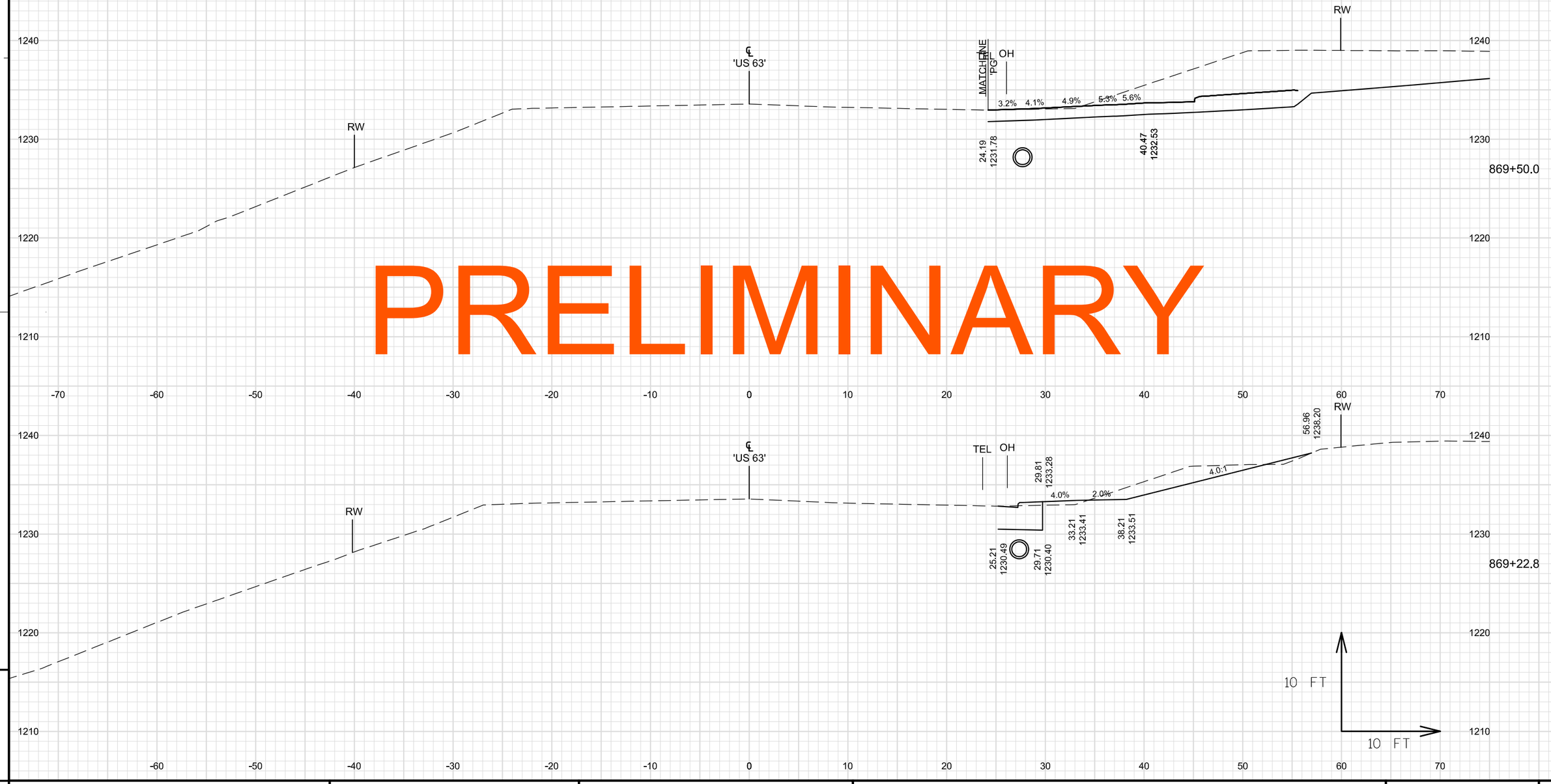
PROJECT NO: 1560-31-71	HWY: USH 63	COUNTY: WASHBURN	CROSS SECTIONS: USH 63 - STAGE 4	SHEET	E

FILE NAME : \\NWBESERVER\DRAWINGS\NWBE_PROJECTS\DESIGN\1101_SHELL_LAKE_SS\C3D_12\090235_XS_USH63_STAGE_4_868-877.DWG PLOT DATE : 9/5/2014 3:38 PM PLOT BY : GARY COLBERT PLOT NAME : PLOT SCALE : 1" = 10'_XREF

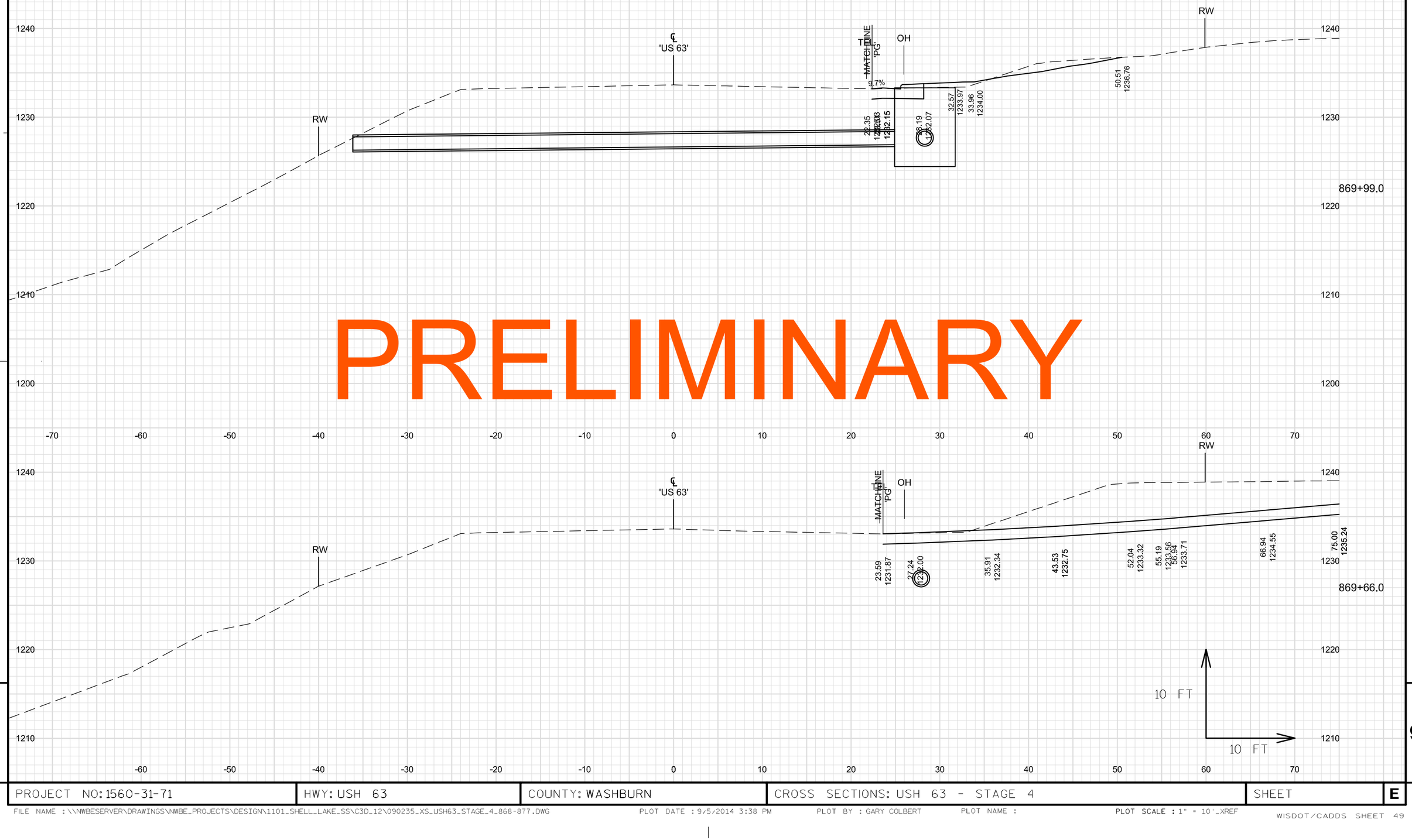
WISDOT/CADDS SHEET 49



PRELIMINARY

PROJECT NO: 1560-31-71	HWY: USH 63	COUNTY: WASHBURN	CROSS SECTIONS: USH 63 - STAGE 4	SHEET	E

FILE NAME : \\NWBESERVER\DRAWINGS\NWBE_PROJECTS\DESIGN\1101_SHELL_LAKE_SS\C3D_12\090235_XS_USH63_STAGE_4_868-877.DWG PLOT DATE : 9/5/2014 3:38 PM PLOT BY : GARY COLBERT PLOT NAME : PLOT SCALE : 1" = 10'_XREF
WISDOT/CADDS SHEET 49



PRELIMINARY

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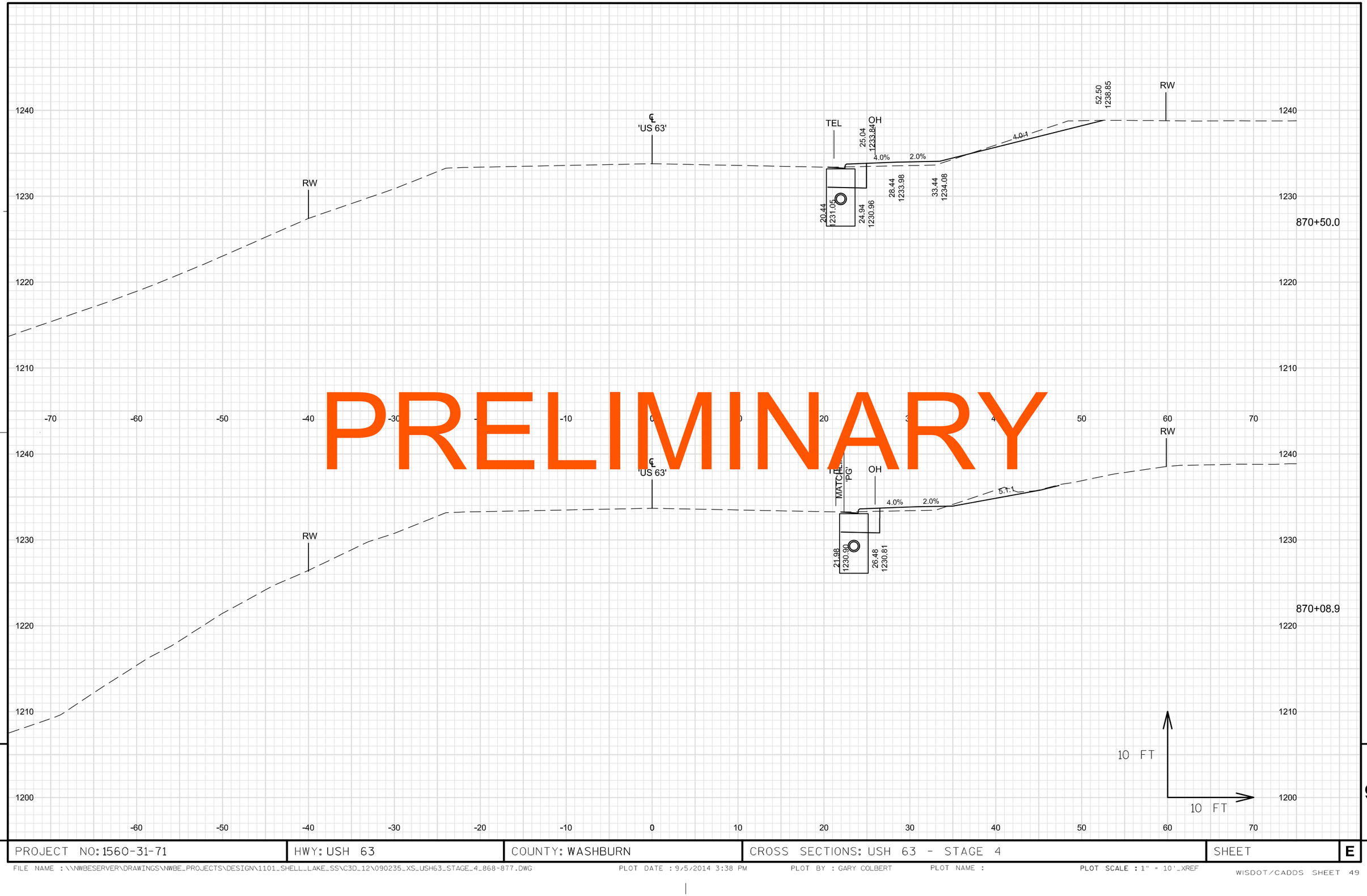
PROJECT NO: 1560-31-71	HWY: USH 63	COUNTY: WASHBURN	CROSS SECTIONS: USH 63 - STAGE 4	SHEET	E

FILE NAME : \\NWBESERVER\DRAWINGS\NWBE_PROJECTS\DESIGN\1101_SHELL_LAKE_SS\C3D_12\090235_XS_USH63_STAGE_4_868-877.DWG PLOT DATE : 9/5/2014 3:38 PM PLOT BY : GARY COLBERT PLOT NAME : PLOT SCALE : 1" = 10'_XREF



PRELIMINARY

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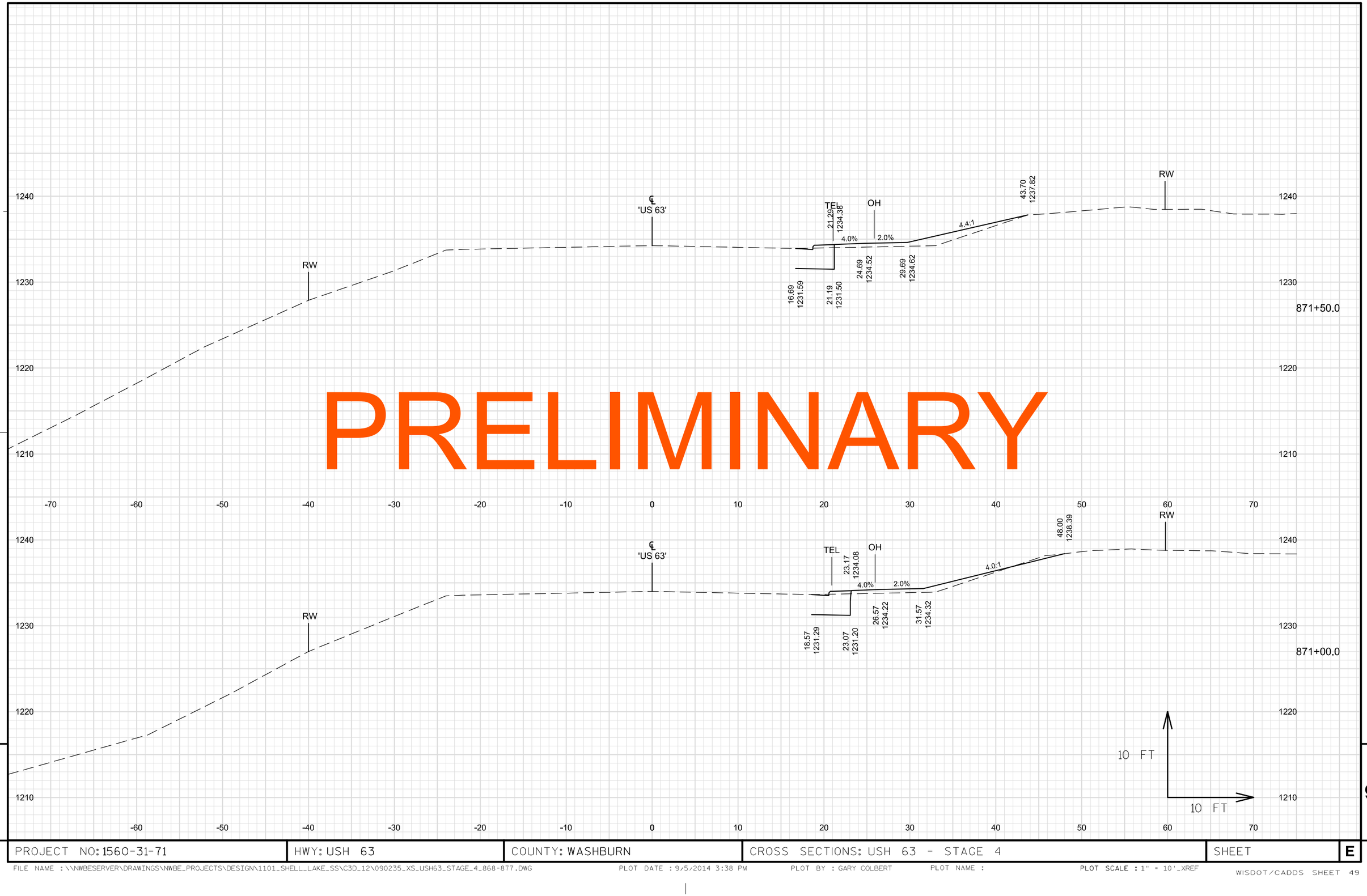
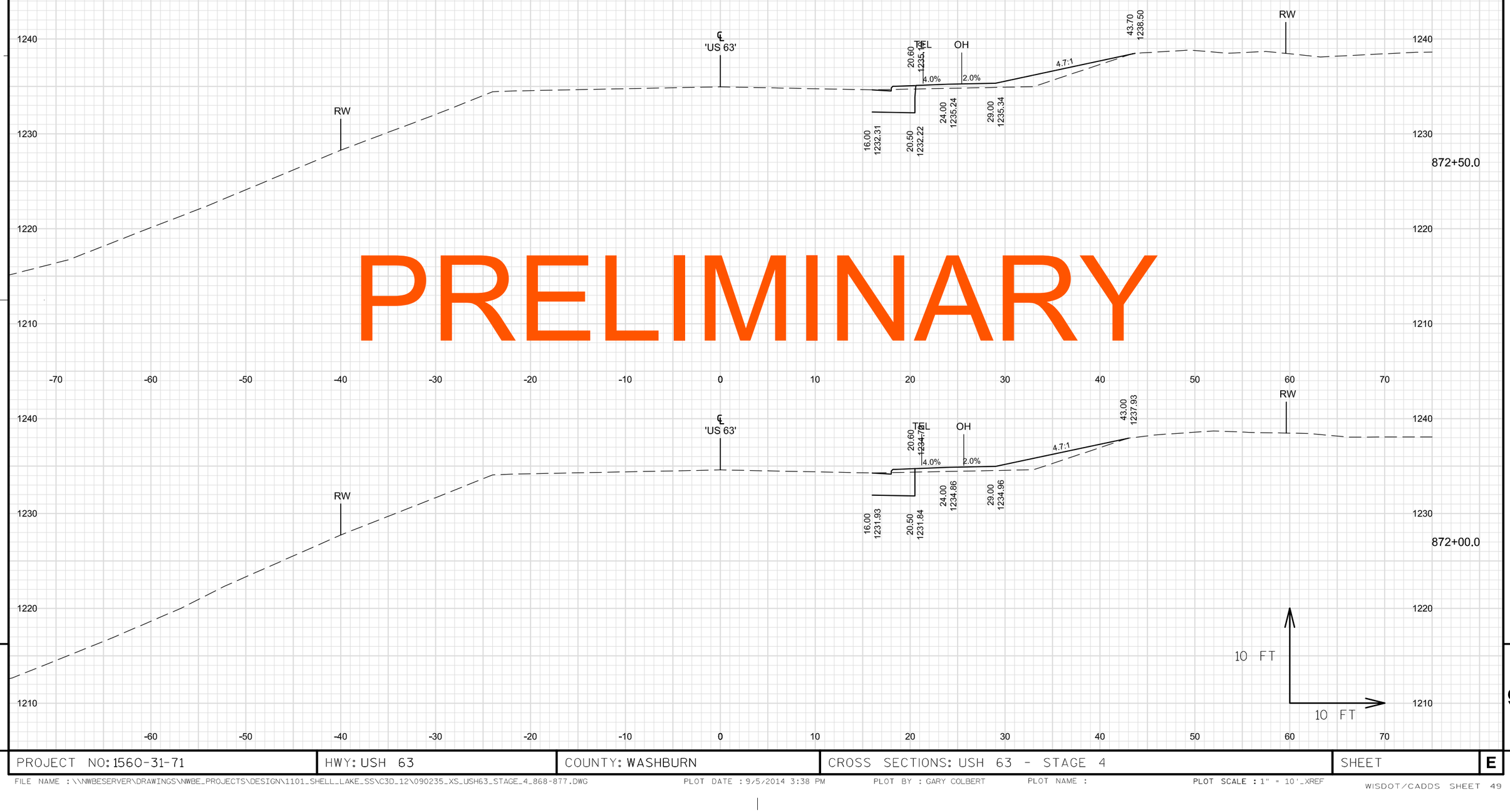
PROJECT NO: 1560-31-71	HWY: USH 63	COUNTY: WASHBURN	CROSS SECTIONS: USH 63 - STAGE 4	SHEET	E

FILE NAME : \\NWBESERVER\DRAWINGS\NWBE_PROJECTS\DESIGN\1101_SHELL_LAKE_SS\C3D_12\090235_XS_USH63_STAGE_4_868-877.DWG PLOT DATE : 9/5/2014 3:38 PM PLOT BY : GARY COLBERT PLOT NAME : PLOT SCALE : 1" = 10'_XREF



PROJECT NO: 1560-31-71	HWY: USH 63	COUNTY: WASHBURN	CROSS SECTIONS: USH 63 - STAGE 4	SHEET	E

FILE NAME : \\NWBESERVER\DRAWINGS\NWBE_PROJECTS\DESIGN\1101_SHELL_LAKE_SS\C3D_12\090235_XS_USH63_STAGE_4_868-877.DWG PLOT DATE : 9/5/2014 3:38 PM PLOT BY : GARY COLBERT PLOT NAME : PLOT SCALE : 1" = 10'_XREF



PRELIMINARY

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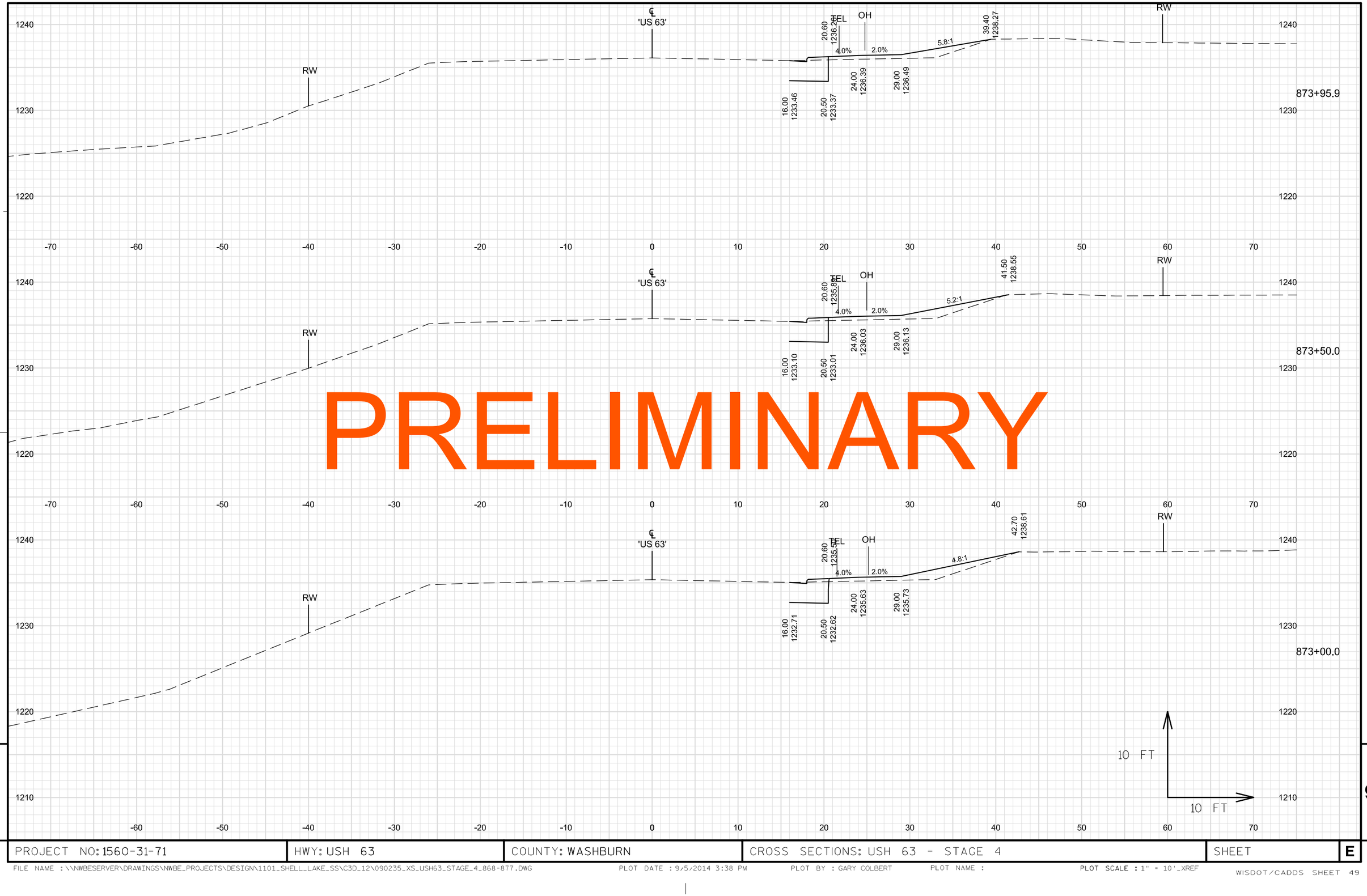
PROJECT NO: 1560-31-71	HWY: USH 63	COUNTY: WASHBURN	CROSS SECTIONS: USH 63 - STAGE 4	SHEET	E

FILE NAME : \\NWBESERVER\DRAWINGS\NWBE_PROJECTS\DESIGN\1101_SHELL_LAKE_SS\C3D_12\090235_XS_USH63_STAGE_4_868-877.DWG PLOT DATE : 9/5/2014 3:38 PM PLOT BY : GARY COLBERT PLOT NAME : PLOT SCALE : 1" = 10'_XREF
WISDOT/CADDS SHEET 49



PRELIMINARY

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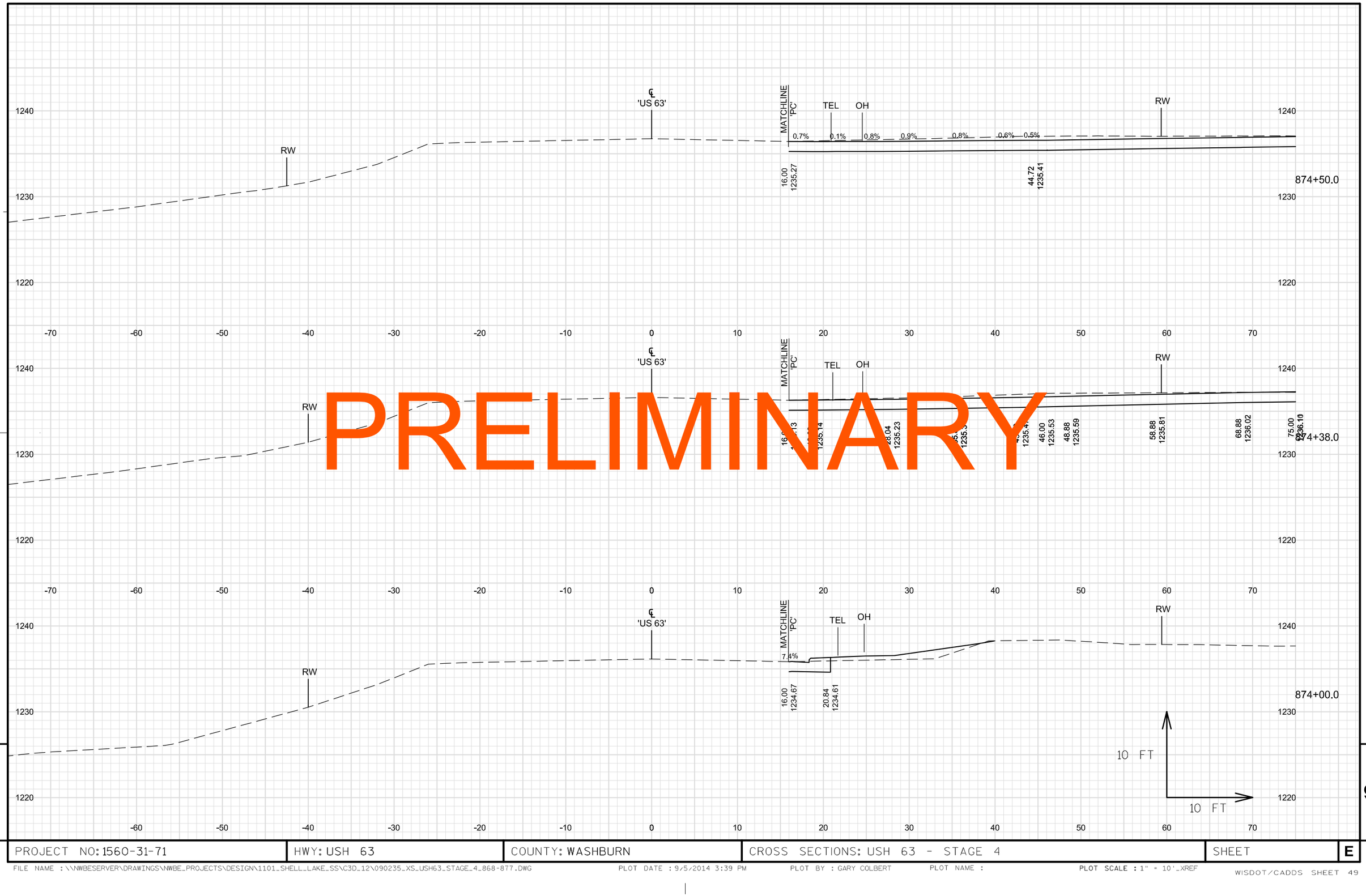
PROJECT NO: 1560-31-71	HWY: USH 63	COUNTY: WASHBURN	CROSS SECTIONS: USH 63 - STAGE 4	SHEET	E

FILE NAME : \\NWBESERVER\DRAWINGS\NWBE_PROJECTS\DESIGN\1101_SHELL_LAKE_SS\C3D_12\090235_XS_USH63_STAGE_4_868-877.DWG PLOT DATE : 9/5/2014 3:38 PM PLOT BY : GARY COLBERT PLOT NAME : PLOT SCALE : 1" = 10'_XREF



PRELIMINARY

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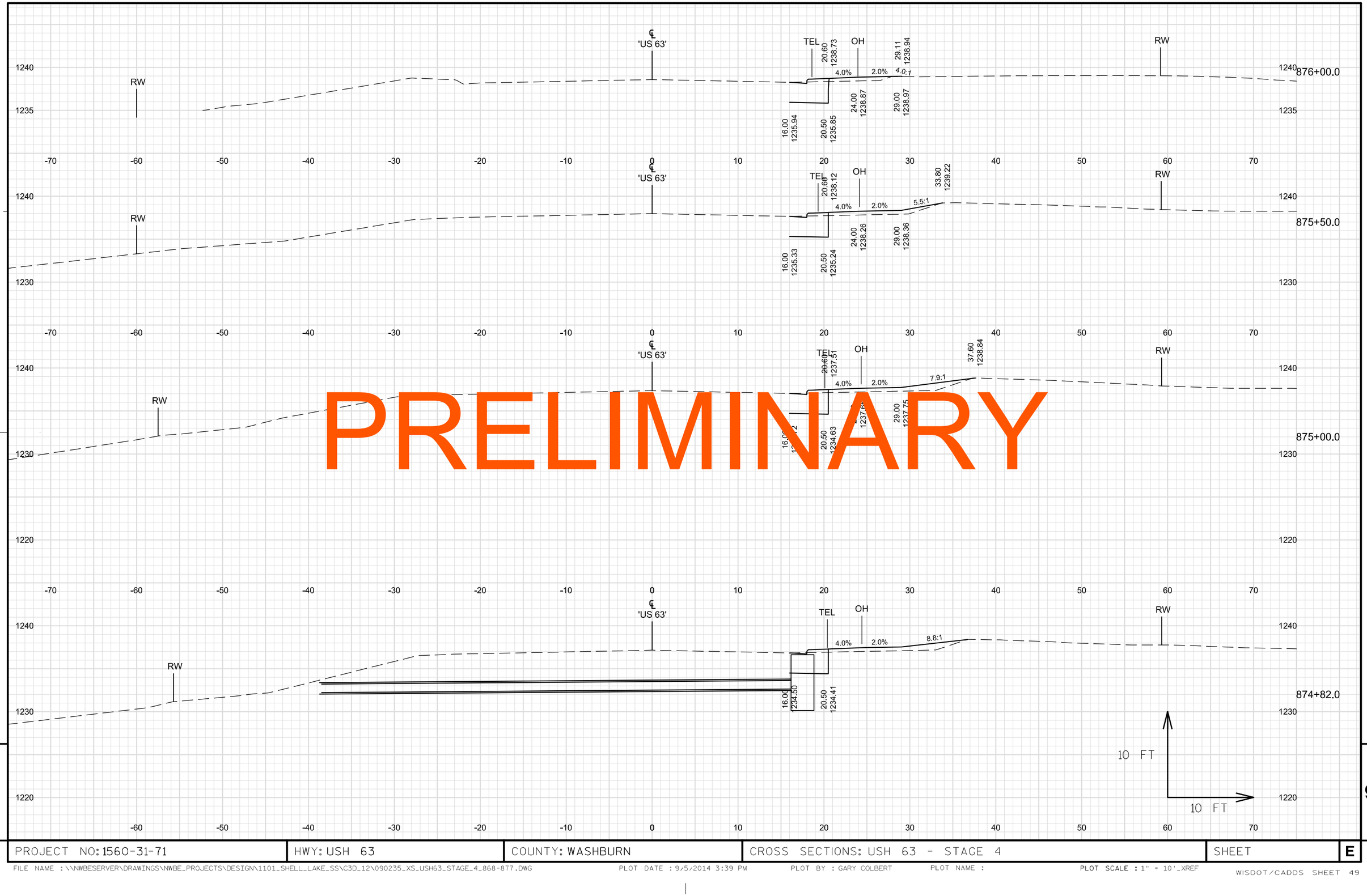
PROJECT NO: 1560-31-71	HWY: USH 63	COUNTY: WASHBURN	CROSS SECTIONS: USH 63 - STAGE 4	SHEET	E

FILE NAME : \\NWBESERVER\DRAWINGS\NWBE_PROJECTS\DESIGN\1101_SHELL_LAKE_SS\C3D_12\090235_XS_USH63_STAGE_4_868-877.DWG PLOT DATE : 9/5/2014 3:39 PM PLOT BY : GARY COLBERT PLOT NAME : PLOT SCALE : 1" = 10'_XREF

WISDOT/CADDS SHEET 49



PRELIMINARY

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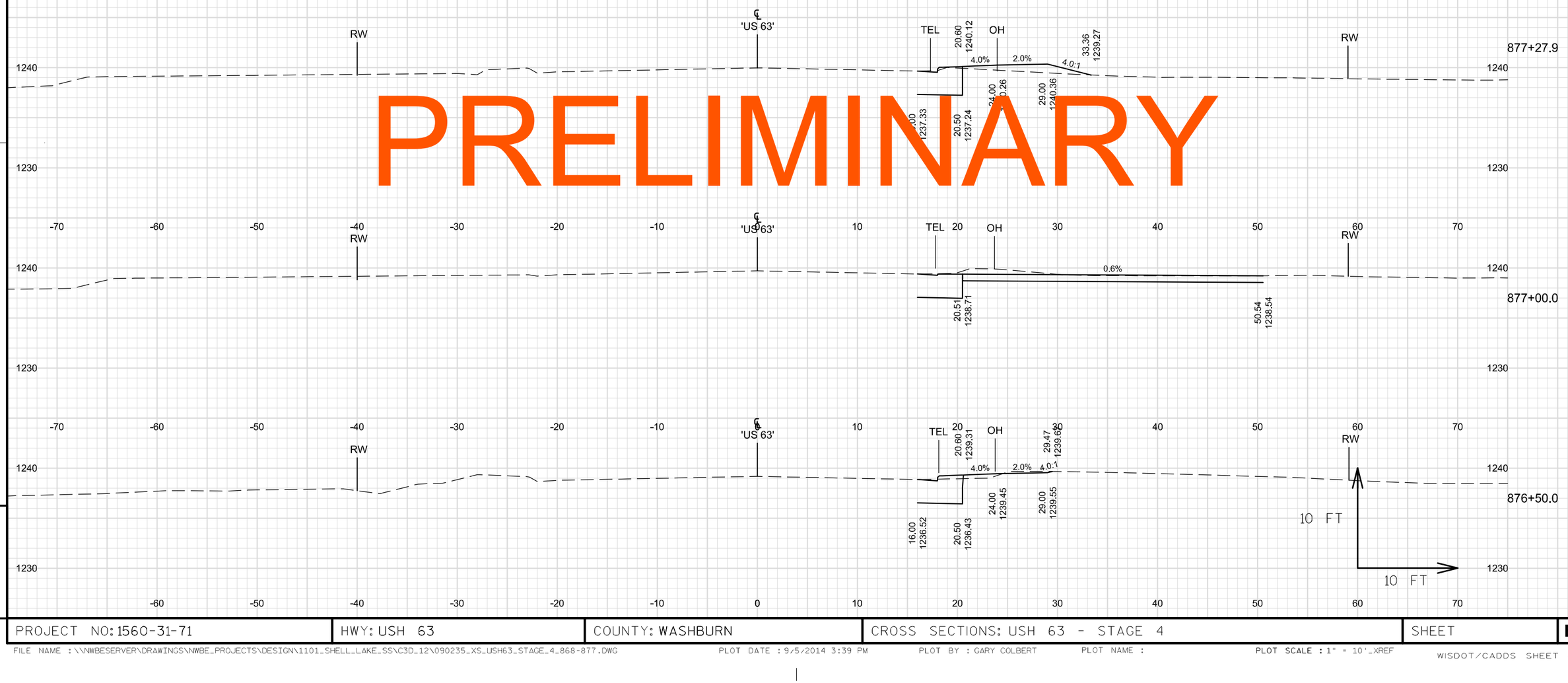
PROJECT NO: 1560-31-71	HWY: USH 63	COUNTY: WASHBURN	CROSS SECTIONS: USH 63 - STAGE 4	SHEET	E

STAGE 4 - STA. 877+27.9
END CONSTRUCTION

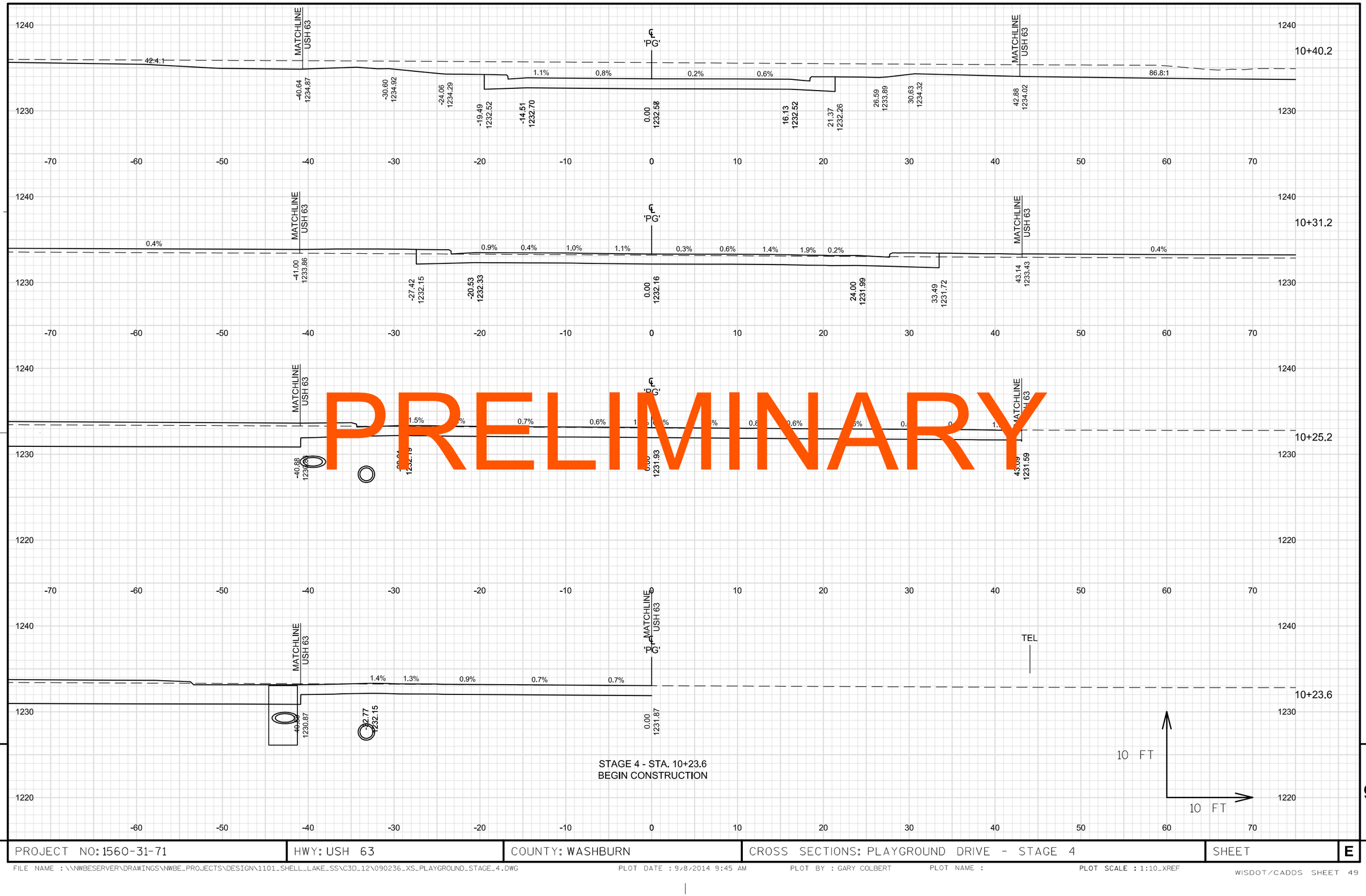


PRELIMINARY

PROJECT NO: 1560-31-71	HWY: USH 63	COUNTY: WASHBURN	CROSS SECTIONS: USH 63 - STAGE 4	SHEET	E

FILE NAME : \\NWBESERVER\DRAWINGS\NWBE_PROJECTS\DESIGN\1101_SHELL_LAKE_SS\C3D_12\090235_XS_USH63_STAGE_4_868-877.DWG
PLOT DATE : 9/5/2014 3:39 PM
PLOT BY : GARY COLBERT
PLOT NAME :
PLOT SCALE : 1" = 10'_XREF
WISDOT/CADDS SHEET 49

PRELIMINARY



STAGE 4 - STA. 10+23.6
BEGIN CONSTRUCTION

9

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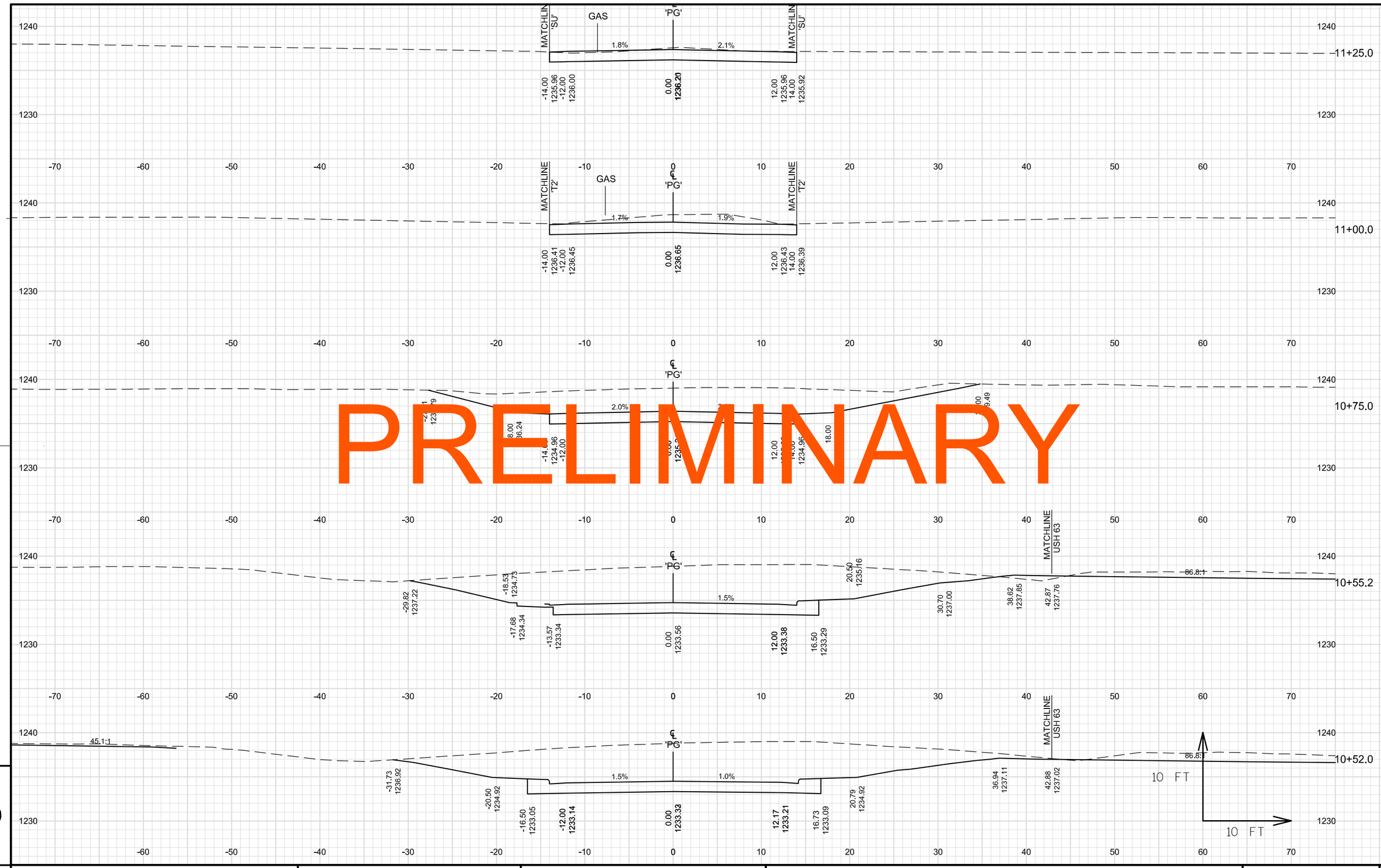
PROJECT NO: 1560-31-71	HWY: USH 63	COUNTY: WASHBURN	CROSS SECTIONS: PLAYGROUND DRIVE - STAGE 4	SHEET E

FILE NAME : \\NWBESERVER\DRAWINGS\NWBE_PROJECTS\DESIGN\1101_SHELL_LAKE_SS\C3D_12\090236_XS_PLAYGROUND_STAGE_4.DWG PLOT DATE : 9/8/2014 9:45 AM PLOT BY : GARY COLBERT PLOT NAME : PLOT SCALE : 1:10_XREF
WISDOT/CADDS SHEET 49



PRELIMINARY

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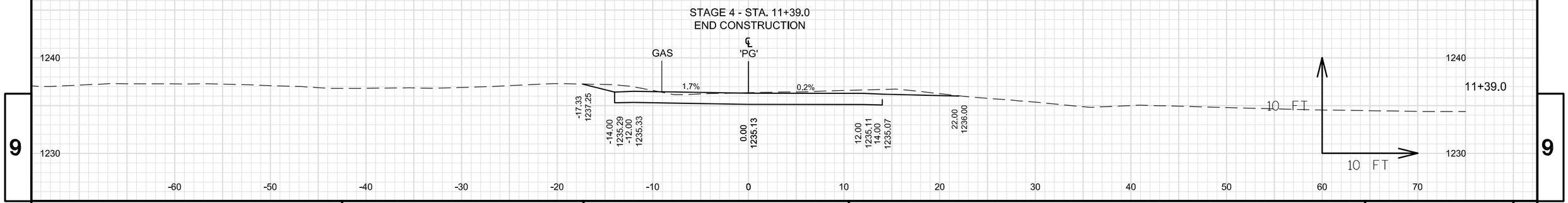
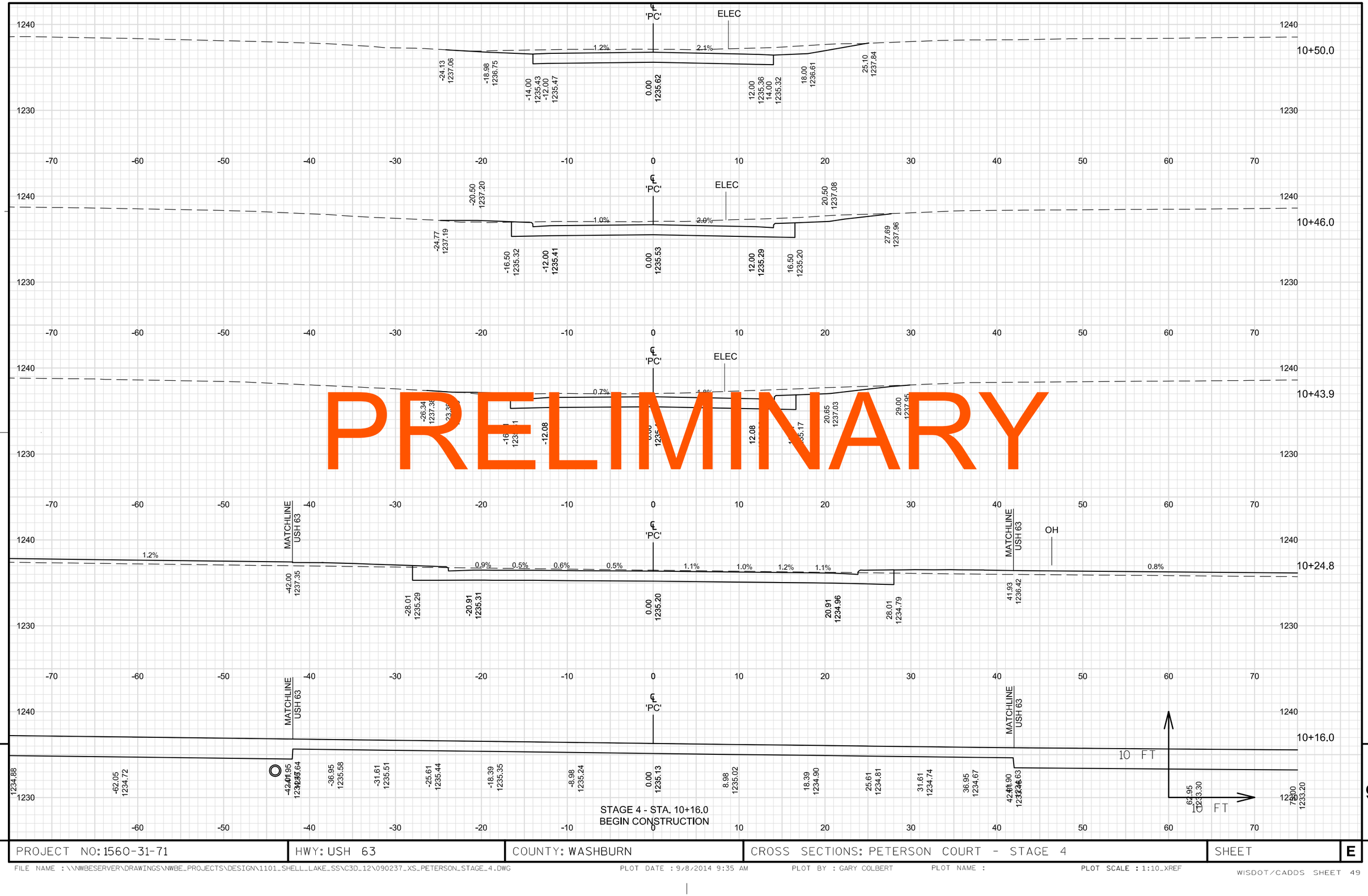
PROJECT NO: 1560-31-71	HWY: USH 63	COUNTY: WASHBURN	CROSS SECTIONS: PLAYGROUND DRIVE - STAGE 4	SHEET E

PRELIMINARY



PROJECT NO: 1560-31-71	HWY: USH 63	COUNTY: WASHBURN	CROSS SECTIONS: PLAYGROUND DRIVE - STAGE 4	SHEET	E

FILE NAME : \\NWBESERVER\DRAWINGS\NWBE_PROJECTS\DESIGN\1101_SHELL_LAKE_SS\C3D_12\090236_XS_PLAYGROUND_STAGE_4.DWG PLOT DATE : 9/8/2014 9:45 AM PLOT BY : GARY COLBERT PLOT NAME : PLOT SCALE : 1:10_XREF
WISDOT/CADDS SHEET 49

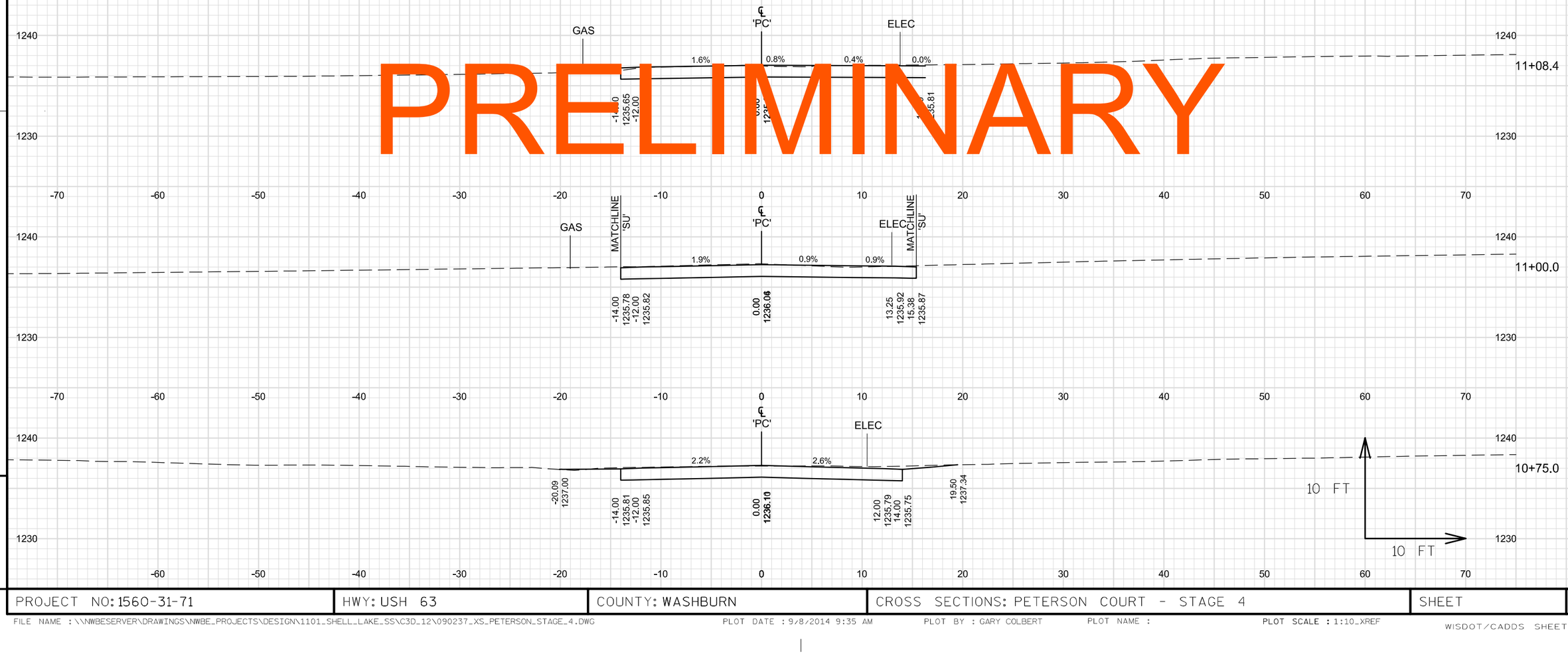


PRELIMINARY

PROJECT NO: 1560-31-71	HWY: USH 63	COUNTY: WASHBURN	CROSS SECTIONS: PETERSON COURT - STAGE 4	SHEET	E

STAGE 4 - STA. 11+08.4
END CONSTRUCTION

PRELIMINARY



PROJECT NO: 1560-31-71	HWY: USH 63	COUNTY: WASHBURN	CROSS SECTIONS: PETERSON COURT - STAGE 4	SHEET	E

FILE NAME : \\NWBESERVER\DRAWINGS\NWBE_PROJECTS\DESIGN\1101_SHELL_LAKE_SS\C3D_12\090237_XS_PETERSON_STAGE_4.DWG PLOT DATE : 9/8/2014 9:35 AM PLOT BY : GARY COLBERT PLOT NAME : PLOT SCALE : 1:10_XREF
WISDOT/CADDS SHEET 49

PRELIMINARY

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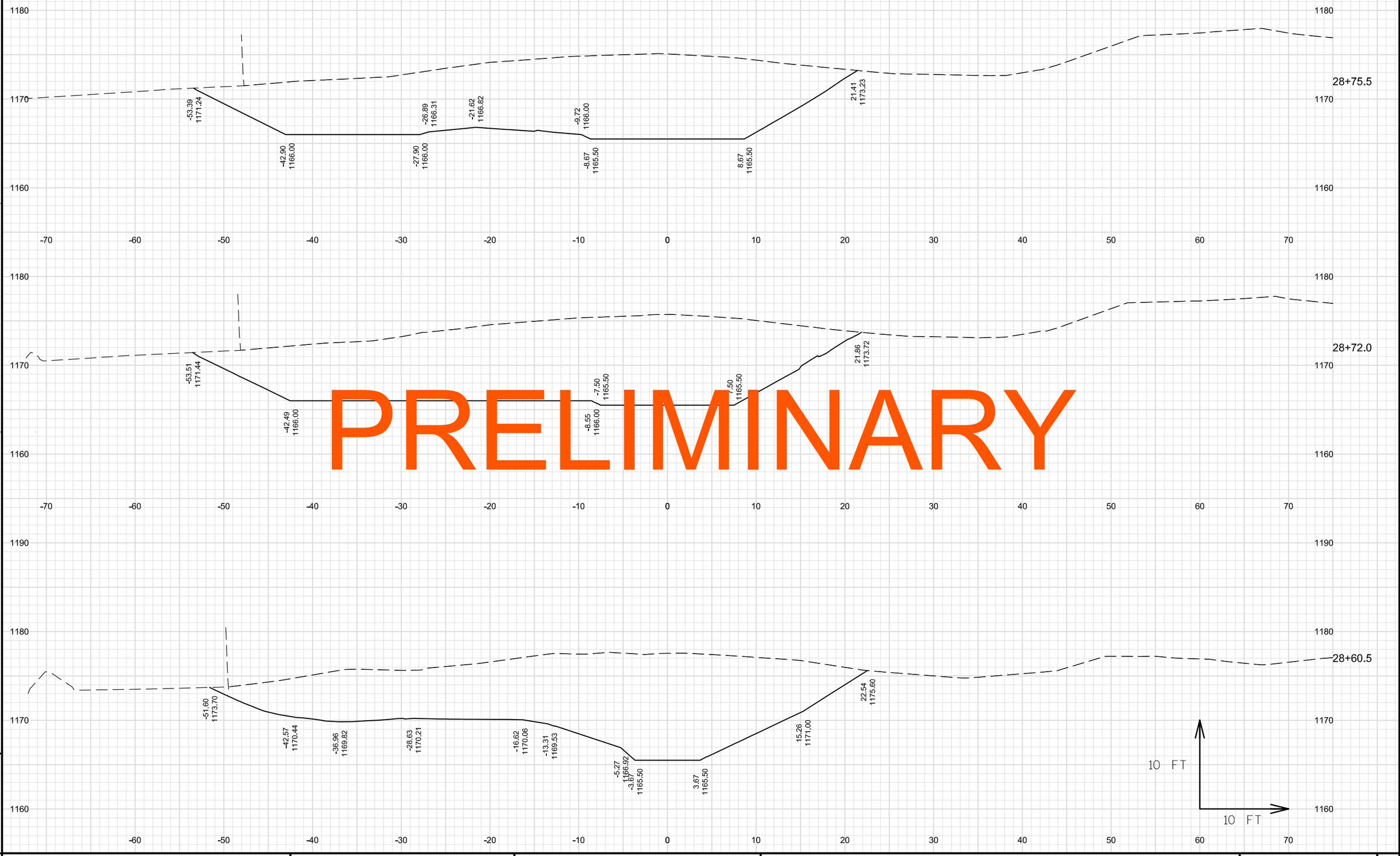
PROJECT NO: 1560-31-71	HWY: USH 63	COUNTY: WASHBURN	CROSS SECTIONS: STORM SEWER OUTFALL - 'BD'	SHEET	E



PRELIMINARY

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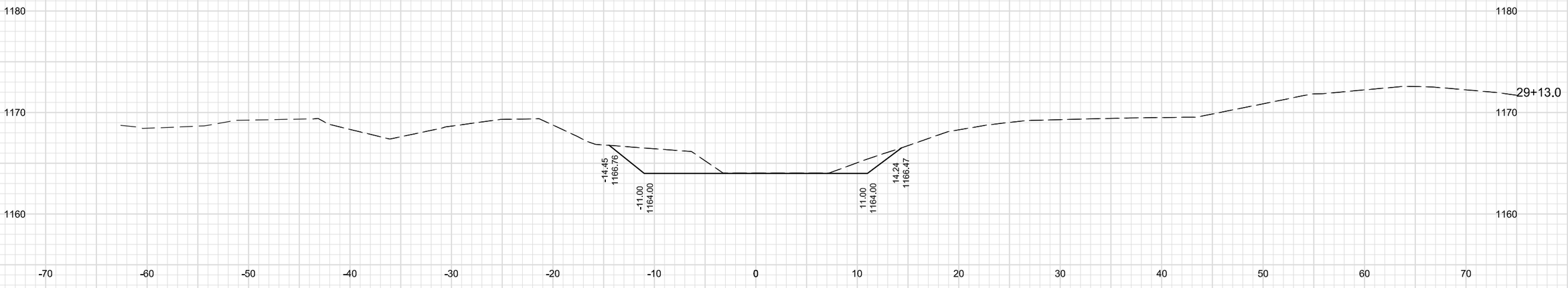
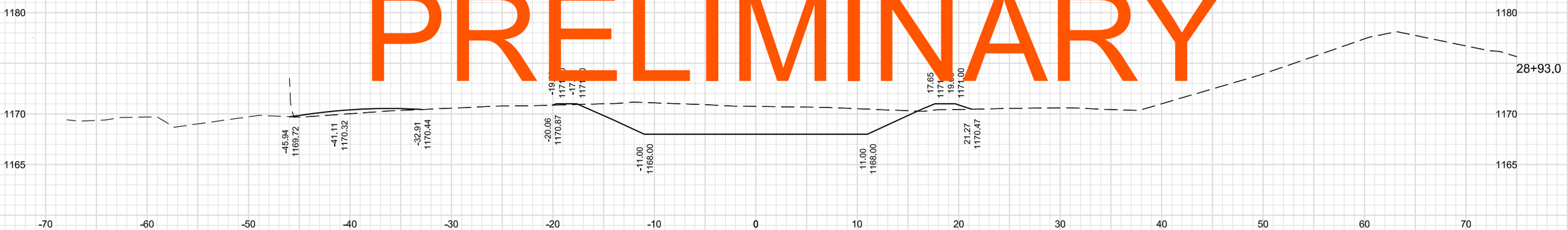
PROJECT NO: 1560-31-71	HWY: USH 63	COUNTY: WASHBURN	CROSS SECTIONS: STORM SEWER OUTFALL - 'BD'	SHEET E

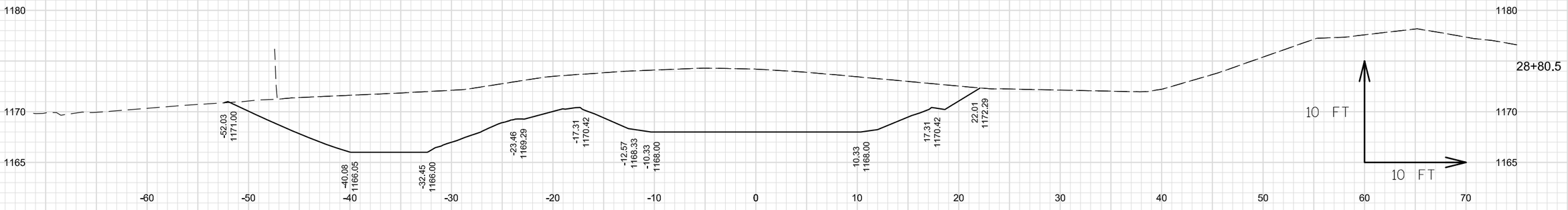
FILE NAME : W:\NWBE_PROJECTS\DESIGN\1101_SHELL_LAKE_SS\C3D_12\090238_XS_BD_CTHB_SS_OUTFALL.DWG PLOT DATE : 11/11/2014 4:22 PM PLOT BY : GARY COLBERT PLOT NAME : PLOT SCALE : 1:10_XREF
WISDOT/CADDS SHEET 49

PRELIMINARY

STA. 29+13.0
END CONSTRUCTION







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PROJECT NO: 1560-31-71	HWY: USH 63	COUNTY: WASHBURN	CROSS SECTIONS: STORM SEWER OUTFALL - 'BD'	SHEET E

FILE NAME : W:\NWBE_PROJECTS\DESIGN\1101_SHELL_LAKE_SS\C3D_12\090238_XS_BD_CTHB_SS_OUTFALL.DWG PLOT DATE : 11/11/2014 4:22 PM PLOT BY : GARY COLBERT PLOT NAME : PLOT SCALE : 1:10_XREF