

PLAN OF PROPOSED IMPROVEMENT

EAST WILSON STREET TO BLOUNT STREET

DANE COUNTY

STATE PROJECT NUMBER
5400-00-73

R-10-E

END PROJECT
STA. 233+71.94

BEGIN PROJECT
STA. 50+39.35
Y = 482,931.90
X = 823,216.46



STRAND ASSOCIATES®
910 WEST WINGRA DRIVE
MADISON, WISCONSIN 53715-1943
(608) 251-4843

PREPARED BY	
Surveyor	STRAND ASSOCIATES, INC.
Designer	STRAND ASSOCIATES, INC.
Project Manager	STEVE MARSHALL, P.E.
Regional Examiner	WISDOT SW REGION
Regional Supervisor	KIMBERLY SCHAUDER, P.E.














APPROVED FOR THE DEPARTMENT

DATE: _____
(Signature)

E

Section No.	1	Title
Section No.	2	Typical Sections and Details (Includes Erosion Control Plans)
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

DESIGN DESIGNATION	USH 151 (S. BLAIR ST.)	USH 151 (E. WASHINGTON AVE.)
A.A.D.T.	= 25,300	= 44,700
A.A.D.T.	= 28,500	= 50,000
D.H.V.	= 3,110	= 5,100
D.D.	= 59/41	= 59/41
T.	= 9.4%	= 10.0%
DESIGN SPEED	= 30 MPH	= 40 MPH
ESALS	= 7,900,000	= 7,900,000

PLAN		PROFILE
CORPORATE LIMITS		GRADE LINE
PROPERTY LINE		ORIGINAL GROUND
LOT LINE		MARSH OR ROCK PROFILE (To be noted as such)
LIMITED HIGHWAY EASEMENT		SPECIAL DITCH
EXISTING RIGHT OF WAY		GRADE ELEVATION
PROPOSED OR NEW R/W LINE		CULVERT (Profile View)
SLOPE INTERCEPT		<u>UTILITIES</u>
REFERENCE LINE		ELECTRIC
EXISTING CULVERT		FIBER OPTIC
PROPOSED CULVERT (Box or Pipe)		GAS
COMBUSTIBLE FLUIDS		SANITARY SEWER
MARSH AREA		STORM SEWER
		TELEPHONE
		WATER
		UTILITY PEDESTAL
		POWER POLE
WOODED OR SHRUB AREA		TELEPHONE POLE

PROFILE
GRADE LINE
ORIGINAL GROUND
MARSH OR ROCK PROFILE
(To be noted as such)
SPECIAL DITCH

GRADE ELEVATION

CULVERT (Profile View)
UTILITIES
ELECTRIC
FIBER OPTIC
GAS
SANITARY SEWER
STORM SEWER
TELEPHONE
WATER
UTILITY PEDESTAL
POWER POLE
TELEPHONE POLE

T-7-N

LAYOUT

SCALE 0 1 MI

TOTAL NET LENGTH OF CENTERLINE = 0.304

COORDINATES ON THIS PLAN ARE REFERENCED TO THE WISCONSIN COUNTY COORDINATE SYSTEM, DANE COUNTY, NAD83 (2011).

PLOT NAME :



ID: 5400-00-74 IS FOR SANITARY SEWER CONSTRUCTION

BEGIN CONSTRUCTION
STA 227+04.91

STA 60+56.26 =
STA 227+85.62

END PROJECT
STA 233+71.94

BUTLER STREET

HANCOCK STREET

FRANKLIN STREET

BLOUNT STREET

LIVINGSTON STREET

CITY OF MADISON

EAST MAIN STREET

WISCONSIN & SOUTHERN RAILROAD

WILLIAMSON STREET

EAST WILSON STREET

USH 151 (SOUTH BLAIR STREET)

BEGIN PROJECT
STA 50+39.35
Y = 482,931.90
X = 823,216.46

USH 151 (JOHN NOLEN DRIVE)

LAKE MONONA

PROJECT NO: 5400-00-73/74	HWY: USH 151	COUNTY: DANE	PROJECT OVERVIEW	SHEET	E
---------------------------	--------------	--------------	------------------	-------	---

FILE NAME : S:\MAD\1000-1099\1089\930\DRAWINGS\CAD\CIVIL3D\540000003\SHEETS\PLAN\020201-PO.DWG
LAYOUT NAME - 020201-po

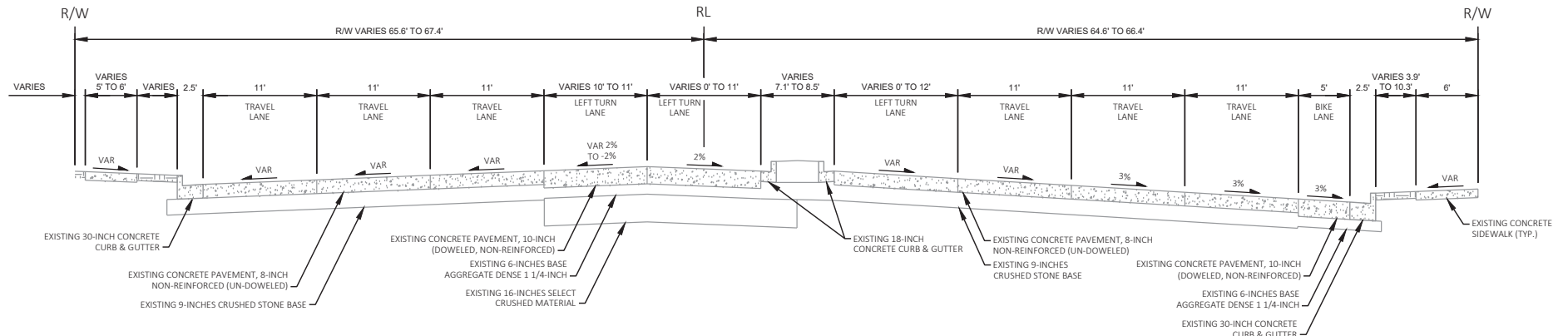
PLOT DATE : 7/16/2020 1:45 PM

PLOT BY : NOTSON, ERIC

PLOT NAME :

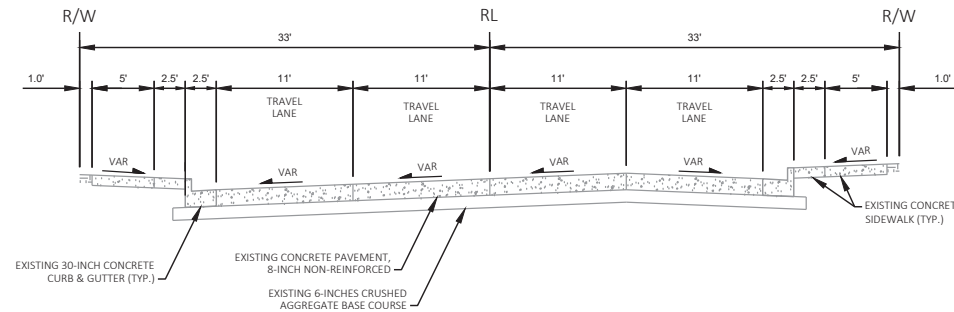
PLOT SCALE : 1 IN=200 FT

WISDOT/CADD5 SHEET 42



EXISTING TYPICAL SECTION - USH 151 (EAST WASHINGTON AVENUE)

STA. 227+04.91 TO STA. 233+71.94

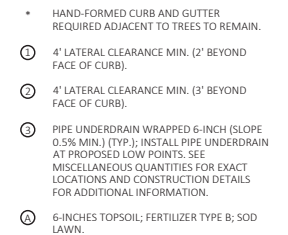


EXISTING TYPICAL SECTION - USH 151 (SOUTH BLAIR STREET)

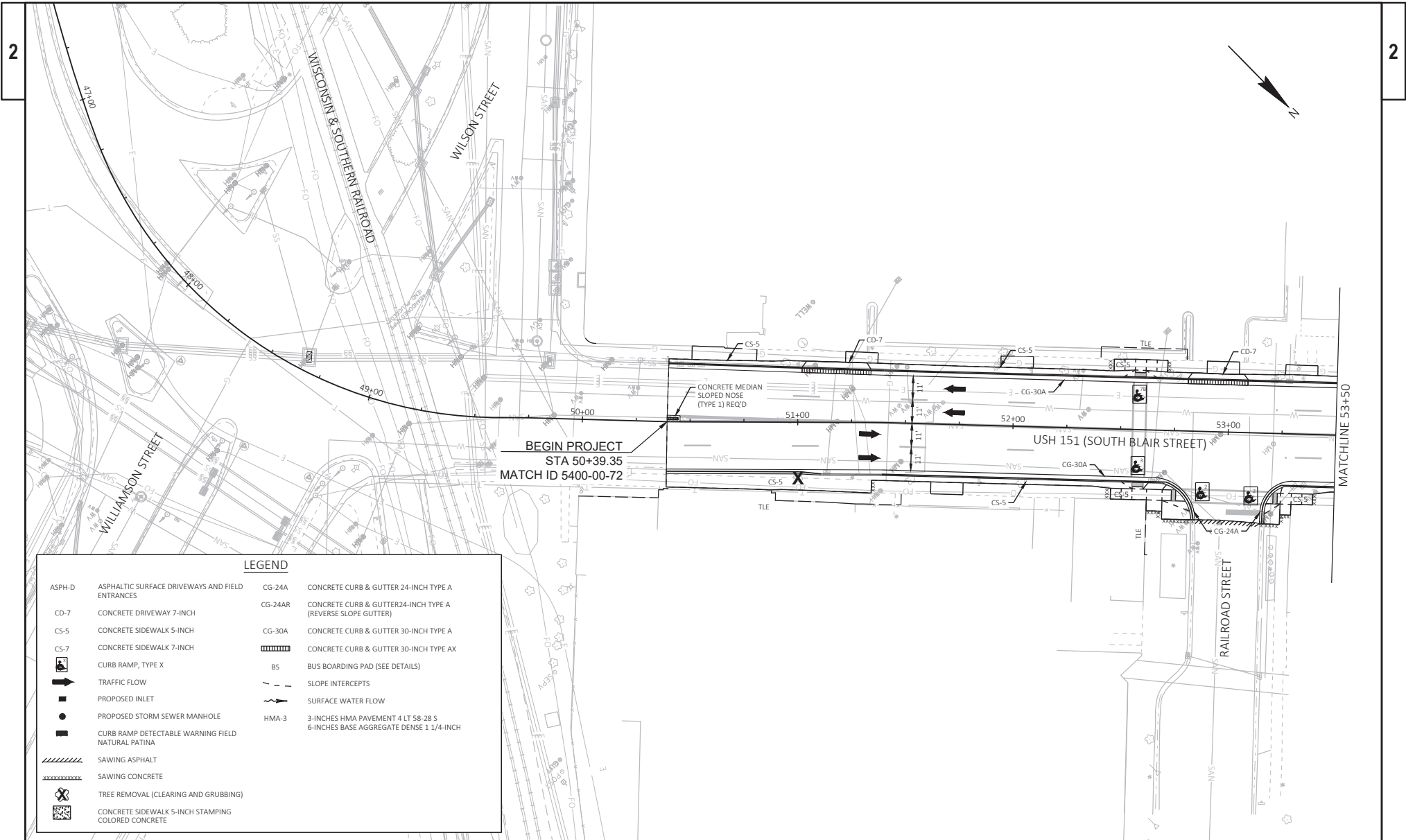
STA. 50+39.35 TO STA. 60+07.91



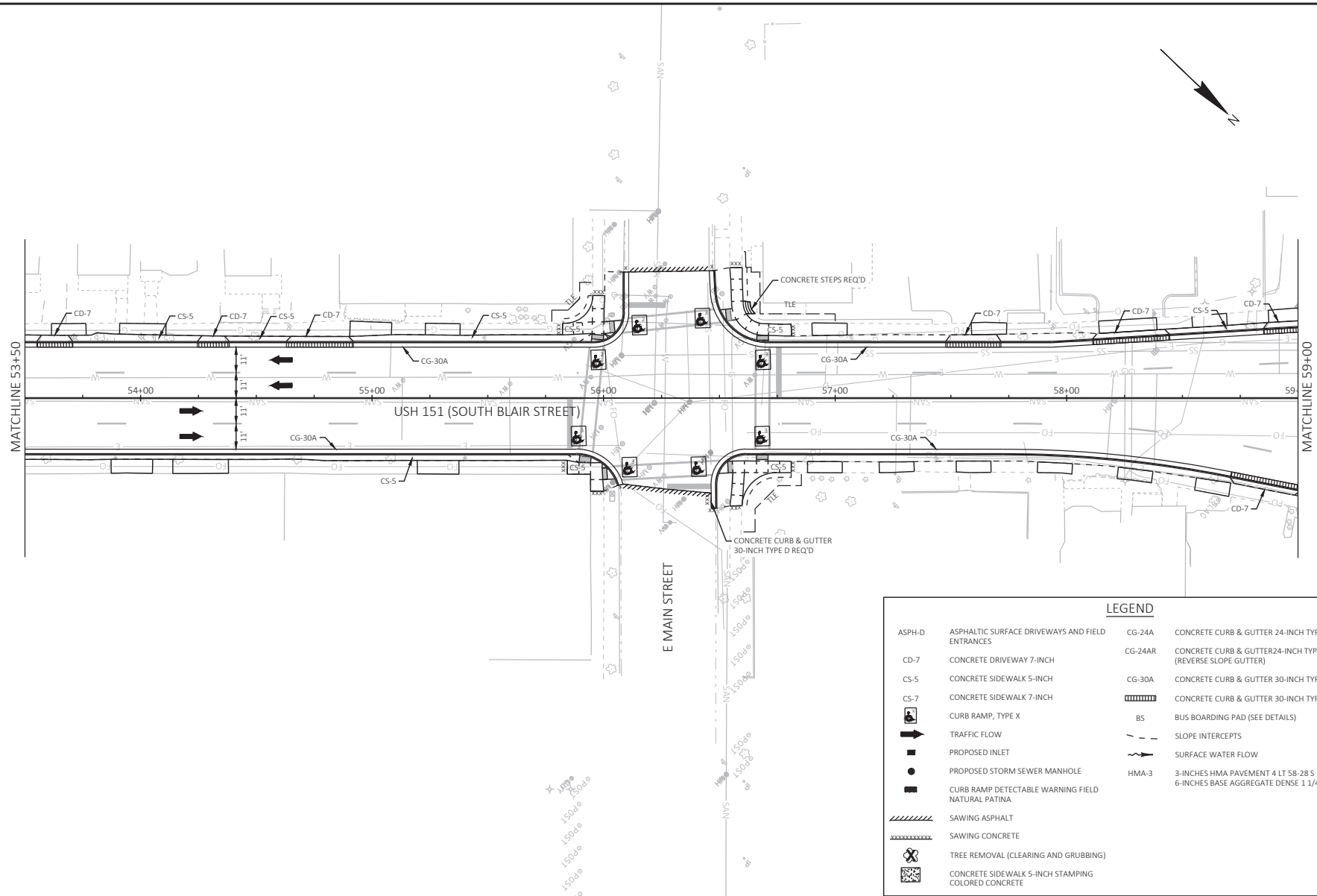
STA. 227+04.91 TO STA. 233+71.94



STA. 50+39.35 TO STA. 60+07.91



LEGEND			
ASPH-D	ASPHALTIC SURFACE DRIVEWAYS AND FIELD ENTRANCES	CG-24A	CONCRETE CURB & GUTTER 24-INCH TYPE A
CD-7	CONCRETE DRIVEWAY 7-INCH	CG-24AR	CONCRETE CURB & GUTTER 24-INCH TYPE A (REVERSE SLOPE GUTTER)
CS-5	CONCRETE SIDEWALK 5-INCH	CG-30A	CONCRETE CURB & GUTTER 30-INCH TYPE A
CS-7	CONCRETE SIDEWALK 7-INCH		CONCRETE CURB & GUTTER 30-INCH TYPE AX
	CURB RAMP, TYPE X	BS	BUS BOARDING PAD (SEE DETAILS)
	TRAFFIC FLOW	- - -	SLOPE INTERCEPTS
	PROPOSED INLET		SURFACE WATER FLOW
	PROPOSED STORM SEWER MANHOLE	HMA-3	3-INCHES HMA PAVEMENT 4 LT 58-28 S 6-INCHES BASE AGGREGATE DENSE 1 1/4-INCH
	CURB RAMP DETECTABLE WARNING FIELD NATURAL PATINA		
	SAWING ASPHALT		
	SAWING CONCRETE		
	TREE REMOVAL (CLEARING AND GRUBBING)		
	CONCRETE SIDEWALK 5-INCH STAMPING COLORED CONCRETE		



LEGEND			
ASPH-D	ASPHALTIC SURFACE DRIVEWAYS AND FIELD ENTRANCES	CG-24A	CONCRETE CURB & GUTTER 24-INCH TYPE A
CD-7	CONCRETE DRIVEWAY 7-INCH	CG-24AR	CONCRETE CURB & GUTTER 24-INCH TYPE A (REVERSE SLOPE GUTTER)
CS-5	CONCRETE SIDEWALK 5-INCH	CG-30A	CONCRETE CURB & GUTTER 30-INCH TYPE A
CS-7	CONCRETE SIDEWALK 7-INCH		CONCRETE CURB & GUTTER 30-INCH TYPE AX
	CURB RAMP, TYPE X	BS	BUS BOARDING PAD (SEE DETAILS)
	TRAFFIC FLOW		SLOPE INTERCEPTS
	PROPOSED INLET		SURFACE WATER FLOW
	PROPOSED STORM SEWER MANHOLE	HMA-3	3-INCHES HMA PAVEMENT 4 LT 58-28 S 6-INCHES BASE AGGREGATE DENSE 1 1/4-INCH
	CURB RAMP DETECTABLE WARNING FIELD NATURAL PATINA		
	SAWING ASPHALT		
	SAWING CONCRETE		
	TREE REMOVAL (CLEARING AND GRUBBING)		
	CONCRETE SIDEWALK 5-INCH STAMPING COLORED CONCRETE		

PROJECT NO: 5400-00-73

HWY: USH 151

COUNTY: DANE

PLAN DETAILS

SHEET

E

FILE NAME: S:\MAD\1000-1099\1089\930\DRAWINGS\CAD\CIVIL3D\54000003\SHEETS\PLAN\021201-PD.DWG
LAYOUT NAME - 021202-pd

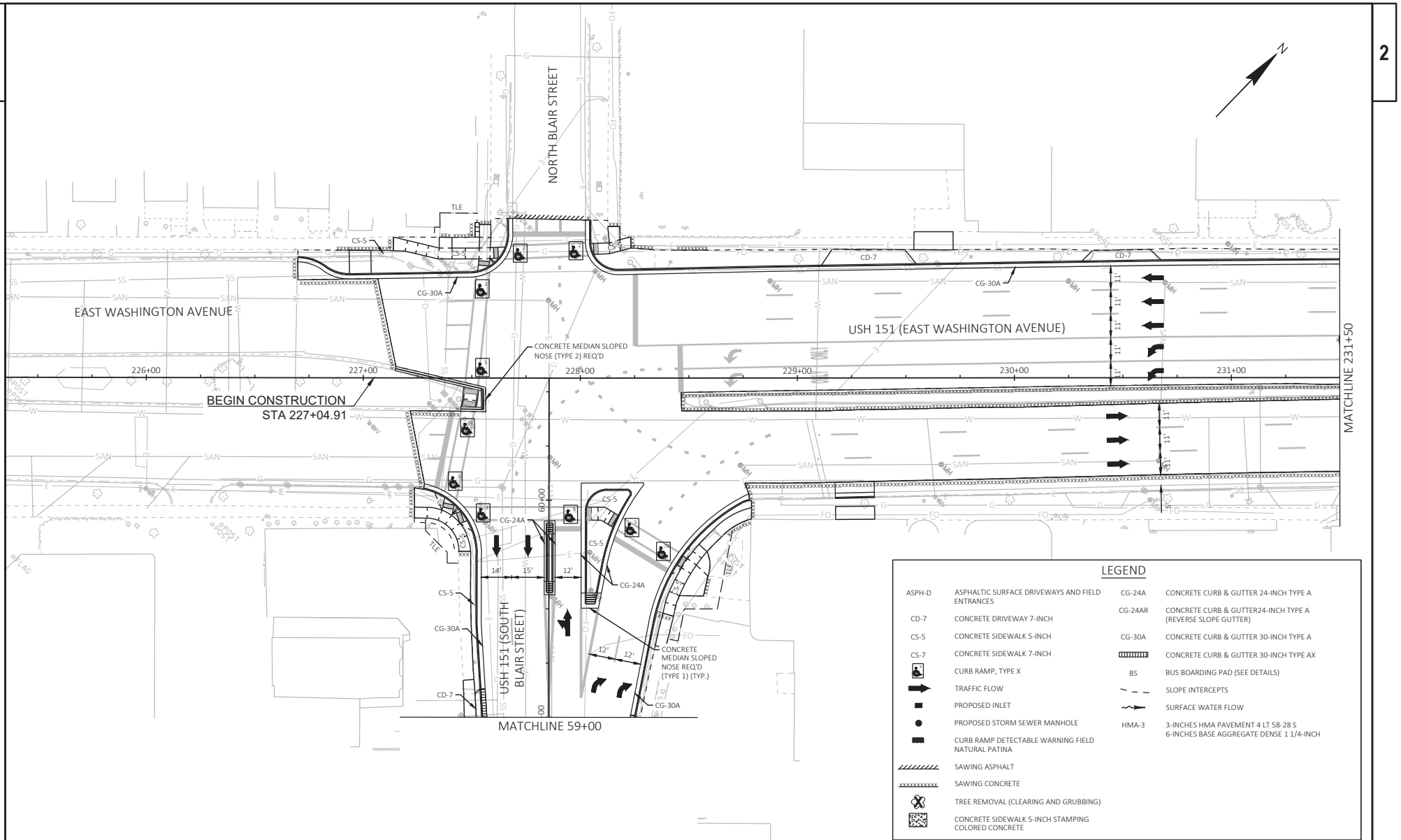
PLOT DATE: 7/16/2020 1:47 PM

PLOT BY: NOTSON, ERIC

PLOT NAME:

PLOT SCALE: 1 IN=40 FT

WISDOT/CADDIS SHEET 42



PROJECT NO: 5400-00-73

HWY: USH 151

COUNTY: DANE

PLAN DETAILS

SHEET

E

FILE NAME : S:\MAD\1000-1099\1089\930\DRAWINGS\CAD\CIVIL3D\540000003\SHEETS\PLAN\021201-PD.DWG
LAYOUT NAME - 021203-pd

PLOT DATE : 7/16/2020 1:47 PM

PLOT BY : NOTSON, ERIC

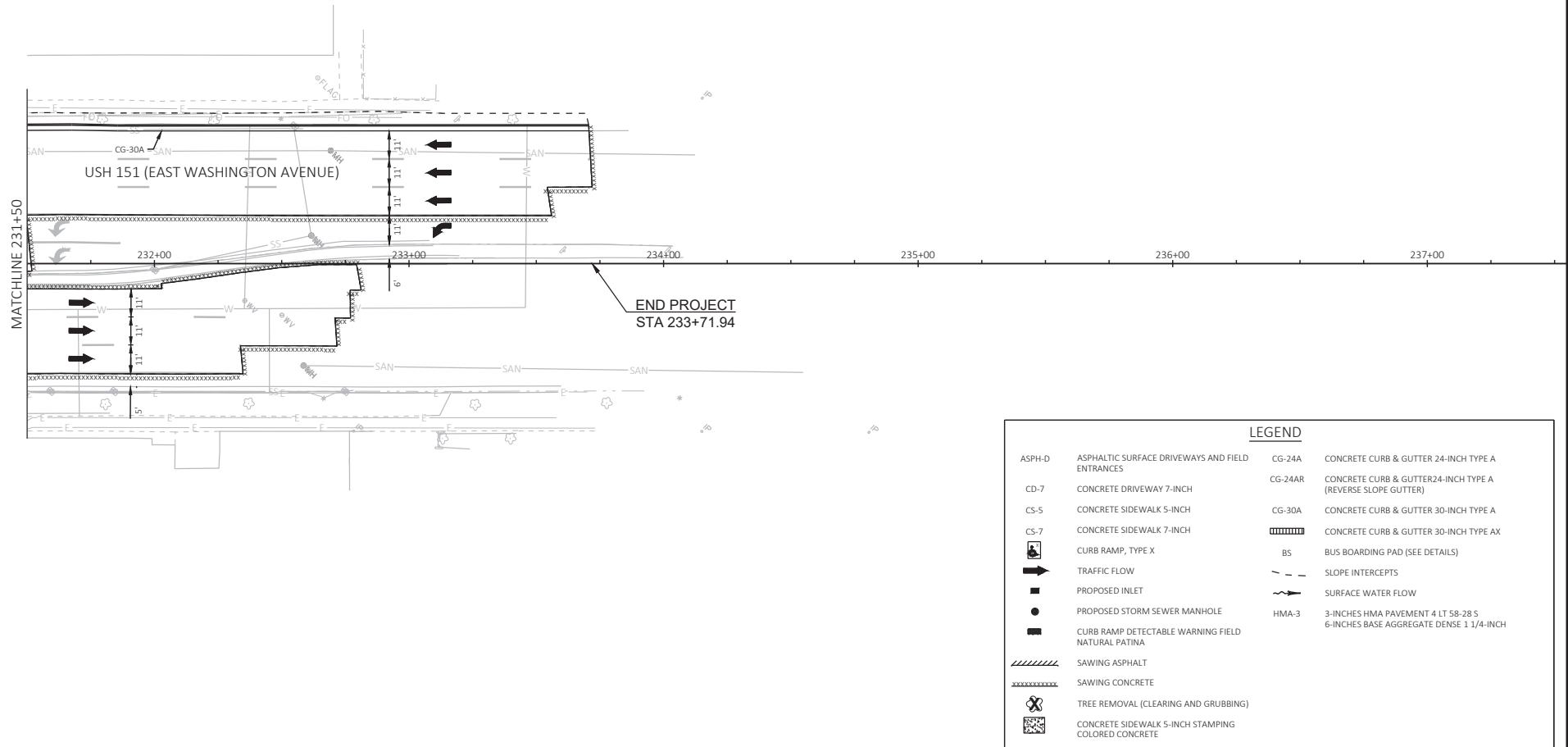
PLOT NAME :

PLOT SCALE : 1 IN=40 FT

WISDOT/CADDIS SHEET 42

2

2



PROJECT NO: 5400-00-73

HWY: USH 151

COUNTY: DANE

PLAN DETAILS

SHEET

E

FILE NAME : S:\MAD\1000-1099\1089\930\DRAWINGS\CAD\CIVIL3D\54000003\SHEETS\PLAN\021201-PD.DWG
LAYOUT NAME - 021204-pd

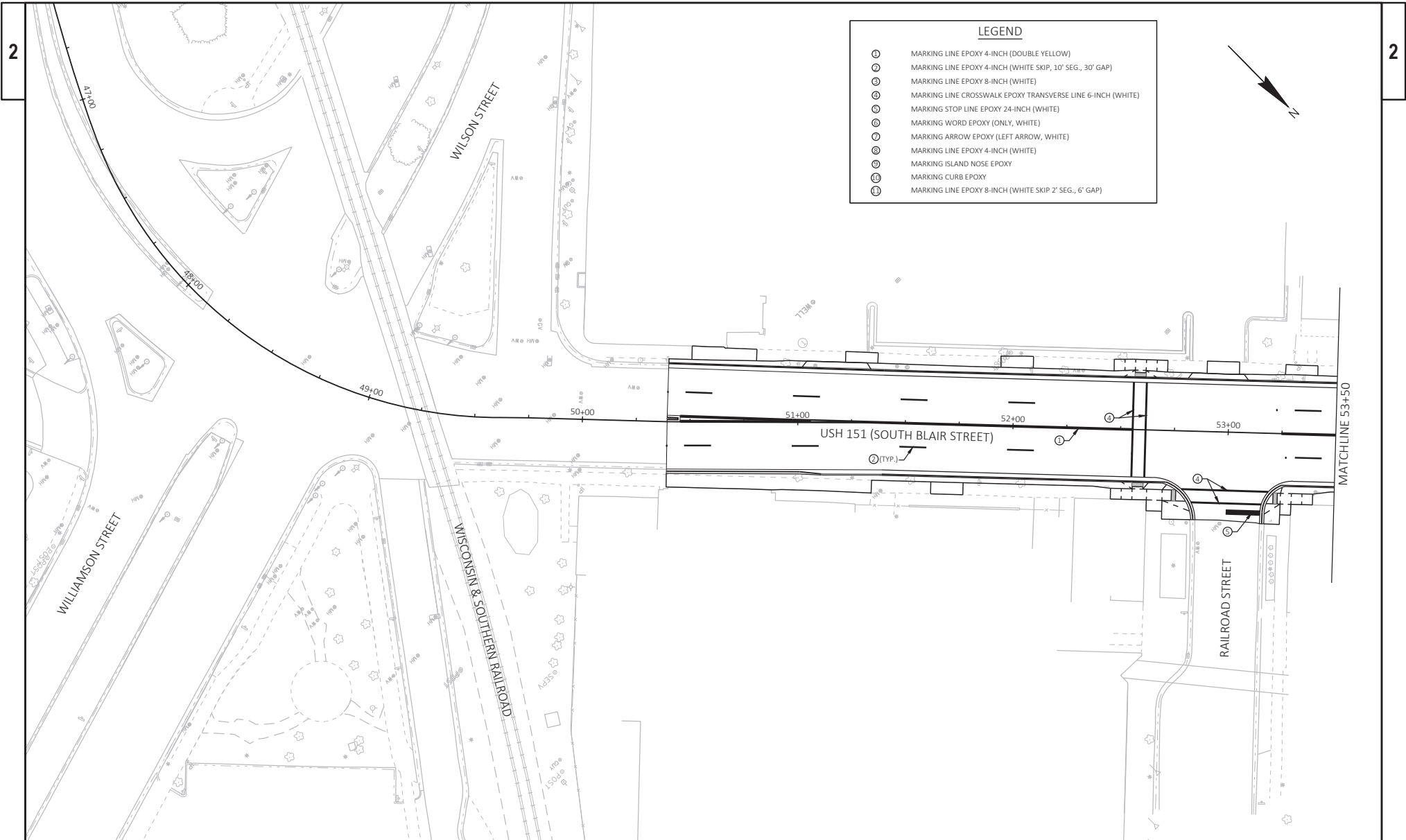
PLOT DATE : 7/16/2020 1:47 PM

PLOT BY : NOTSON, ERIC

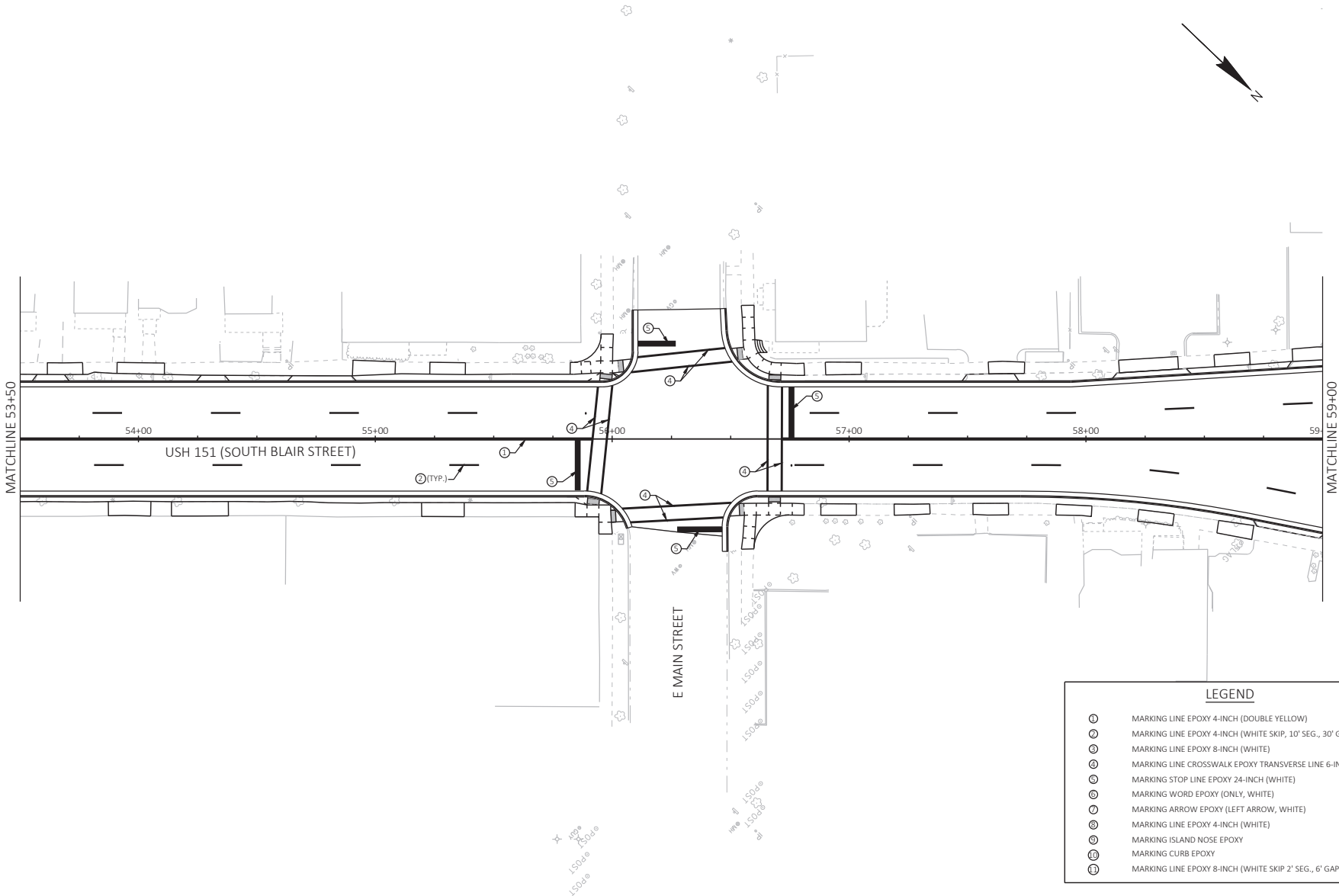
PLOT NAME :

PLOT SCALE : 1 IN=40 FT

WISDOT/CADD5 SHEET 42



LEGEND	
①	MARKING LINE EPOXY 4-INCH (DOUBLE YELLOW)
②	MARKING LINE EPOXY 4-INCH (WHITE SKIP, 10' SEG., 30' GAP)
③	MARKING LINE EPOXY 8-INCH (WHITE)
④	MARKING LINE CROSSWALK EPOXY TRANSVERSE LINE 6-INCH (WHITE)
⑤	MARKING STOP LINE EPOXY 24-INCH (WHITE)
⑥	MARKING WORD EPOXY (ONLY, WHITE)
⑦	MARKING ARROW EPOXY (LEFT ARROW, WHITE)
⑧	MARKING LINE EPOXY 4-INCH (WHITE)
⑨	MARKING ISLAND NOSE EPOXY
⑩	MARKING CURB EPOXY
⑪	MARKING LINE EPOXY 8-INCH (WHITE SKIP 2' SEG., 6' GAP)



PROJECT NO: 5400-00-73

HWY: USH 151

COUNTY: DANE

PAVEMENT MARKING

SHEET

E

FILE NAME : S:\MAD\1000-1099\1089\930\DRAWINGS\CAD\CIVIL3D\540000003\SHEETS\PLAN\024501-PM.DWG
LAYOUT NAME - 021202-pd

PLOT DATE : 7/16/2020 1:49 PM

PLOT BY : NOTSON, ERIC

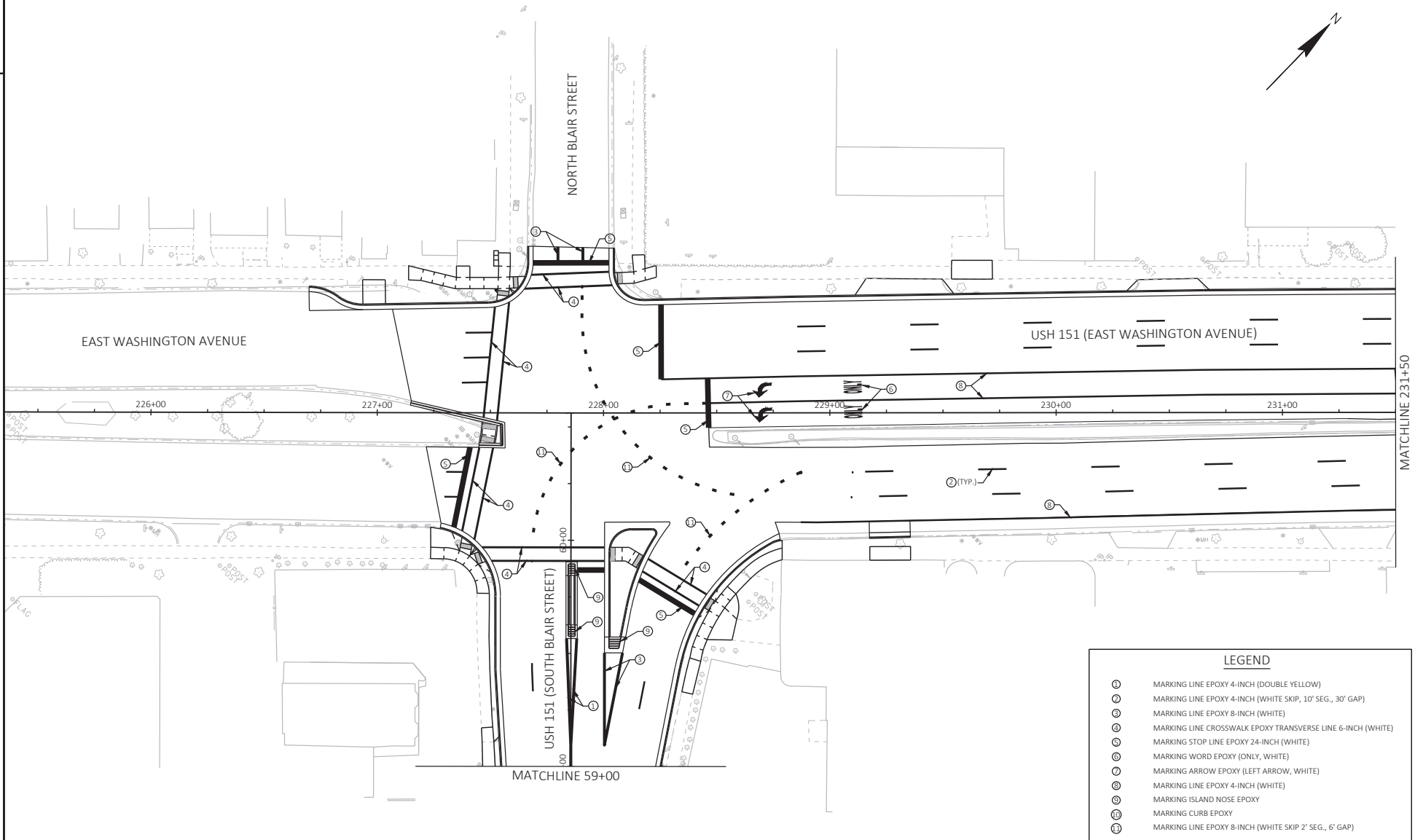
PLOT NAME :

PLOT SCALE : 1 IN=40 FT

WISDOT/CADD5 SHEET 42

2

2



PROJECT NO: 5400-00-73

HWY: USH 151

COUNTY: DANE

PAVEMENT MARKING

SHEET

E

FILE NAME: S:\MAD\1000-1099\1089\930\DRAWINGS\CAD\CIVIL3D\540000003\SHEETS\PLAN\024501-PM.DWG
LAYOUT NAME - 021203-pd

PLOT DATE: 7/16/2020 1:49 PM

PLOT BY: NOTSON, ERIC

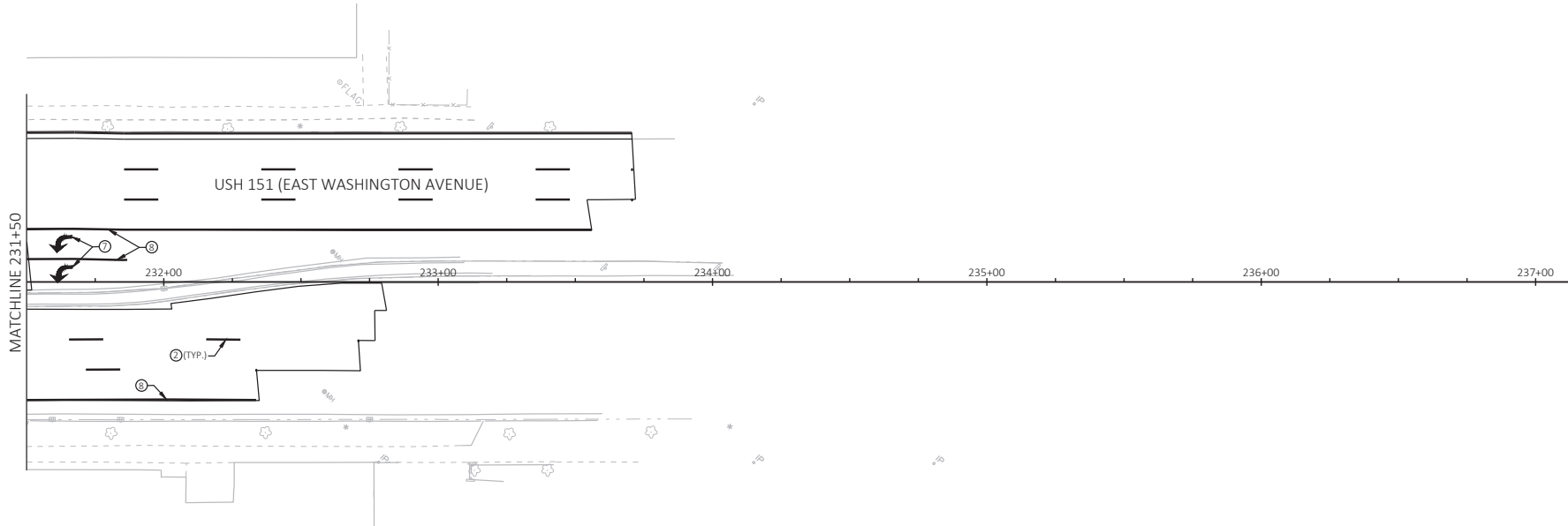
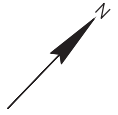
PLOT NAME:

PLOT SCALE: 1 IN=40 FT

WISDOT/CADDIS SHEET 42

2

2



LEGEND

- ① MARKING LINE EPOXY 4-INCH (DOUBLE YELLOW)
- ② MARKING LINE EPOXY 4-INCH (WHITE SKIP, 10' SEG., 30' GAP)
- ③ MARKING LINE EPOXY 8-INCH (WHITE)
- ④ MARKING LINE CROSSWALK EPOXY TRANSVERSE LINE 6-INCH (WHITE)
- ⑤ MARKING STOP LINE EPOXY 24-INCH (WHITE)
- ⑥ MARKING WORD EPOXY (ONLY, WHITE)
- ⑦ MARKING ARROW EPOXY (LEFT ARROW, WHITE)
- ⑧ MARKING LINE EPOXY 4-INCH (WHITE)
- ⑨ MARKING ISLAND NOSE EPOXY
- ⑩ MARKING CURB EPOXY
- ⑪ MARKING LINE EPOXY 8-INCH (WHITE SKIP 2' SEG., 6' GAP)

PROJECT NO: 5400-00-73

HWY: USH 151

COUNTY: DANE

PAVEMENT MARKING

SHEET

E

FILE NAME : S:\MAD\1000-1099\1089\930\DRAWINGS\CAD\CIVIL3D\54000003\SHEETS\PLAN\024501-PM.DWG
LAYOUT NAME - 021204-pd

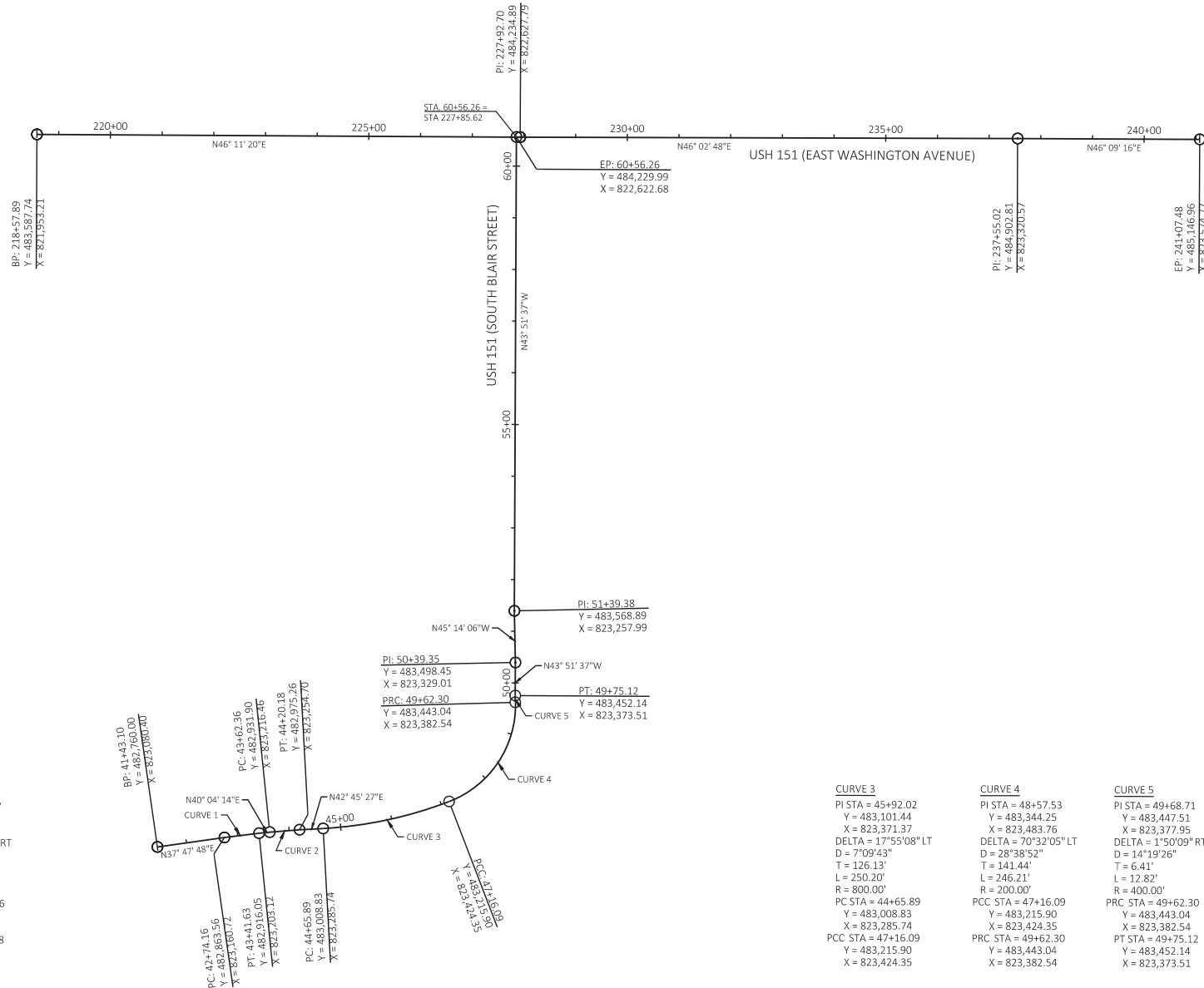
PLOT DATE : 7/16/2020 1:49 PM

PLOT BY : NOTSON, ERIC

PLOT NAME :

PLOT SCALE : 1 IN=40 FT

WISDOT/CADD5 SHEET 42



PROJECT NO: 5400-00-73

HWY: USH 151

COUNTY: DANE

ALIGNMENT DETAIL

SHEET

E

FILE NAME : S:\MAD\1000-1099\1089\930\DRAWINGS\CAD\CIVIL3D\540000003\SHEETS\PLAN\027201-AD.DWG
 LAYOUT NAME : 027201-ad

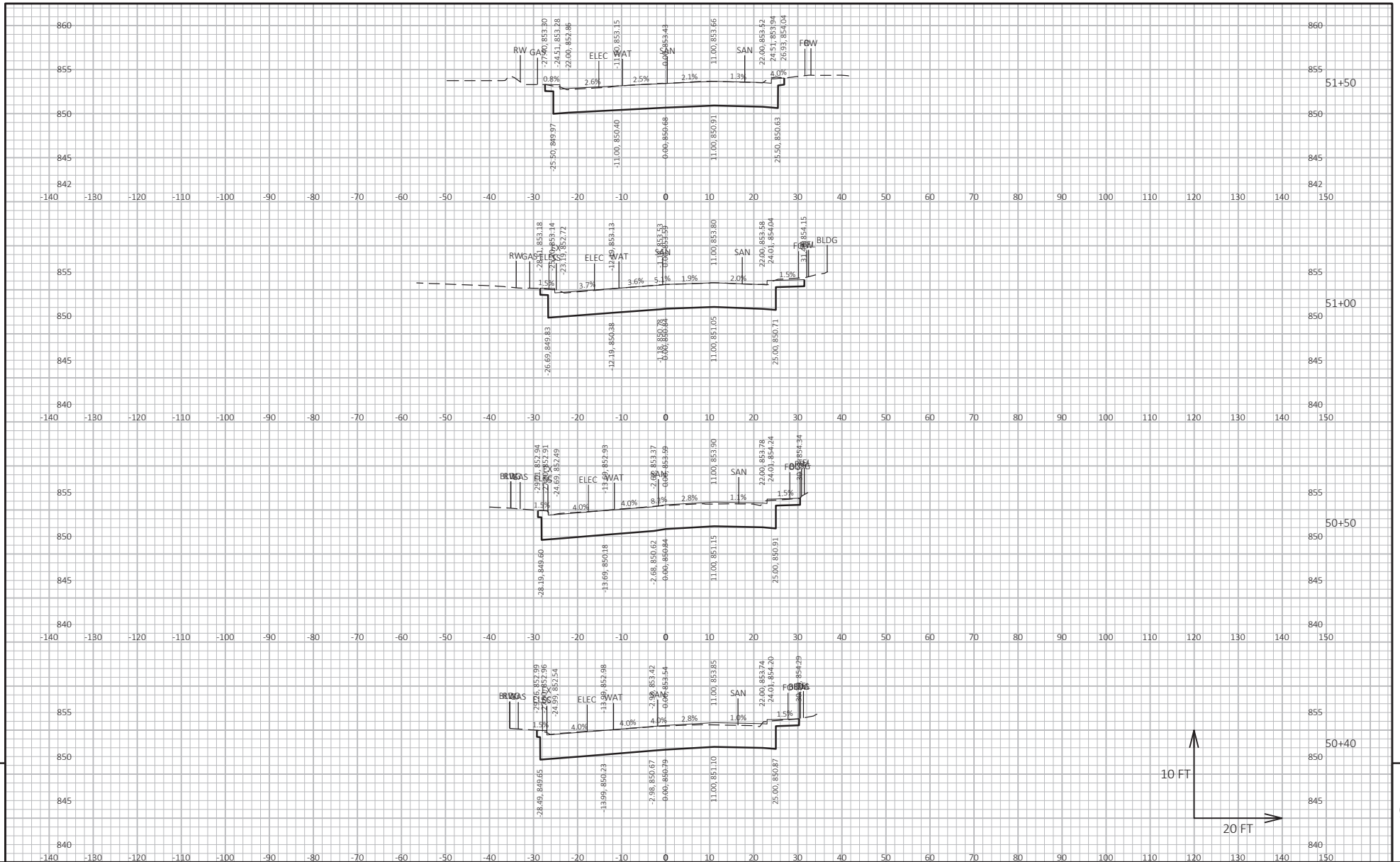
PLOT DATE : 7/16/2020 1:49 PM

PLOT BY : NOTSON, ERIC

PLOT NAME :

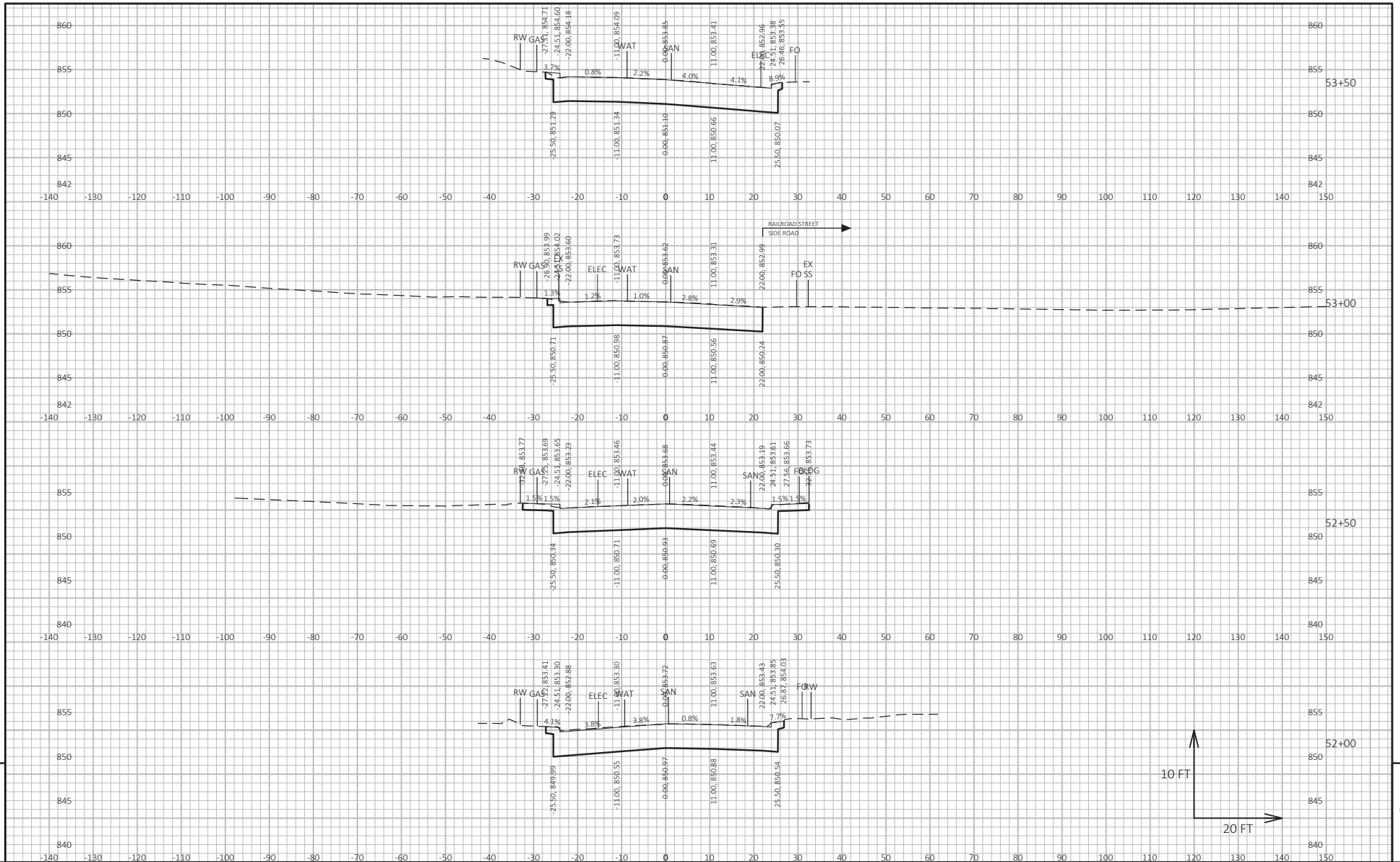
PLOT SCALE : 1 IN=200 FT

WISDOT/CADDIS SHEET 42



PROJECT NO: 5400-00-73	HWY: USH 151	COUNTY: DANE	CROSS SECTIONS: SOUTH BLAIR STREET	SHEET	E
------------------------	--------------	--------------	------------------------------------	-------	---

PRELIMINARY - JULY 2020



PROJECT NO: 5400-00-73

HWY: USH 151

COUNTY: DANE

CROSS SECTIONS: SOUTH BLAIR STREET

SHEET

E

FILE NAME : S:\MAD\1000-1099\1089\930\DRAWINGS\CAD\CIVIL3D\540000003\SHEETS\PLAN\090201-XS.DWG
LAYOUT NAME - 090202-xs

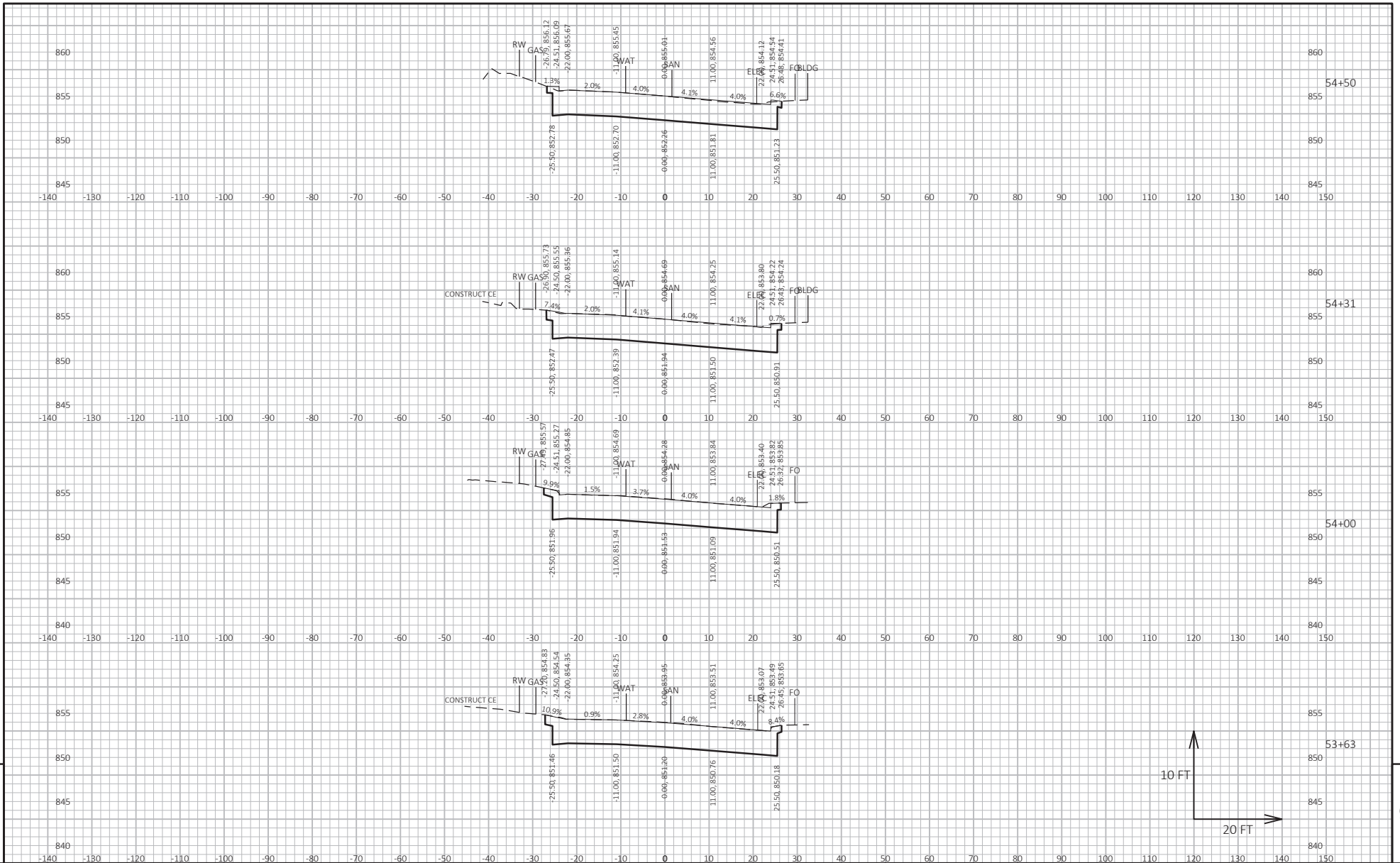
PLOT DATE : 7/16/2020 1:50 PM

PLOT BY : NOTSON, ERIC

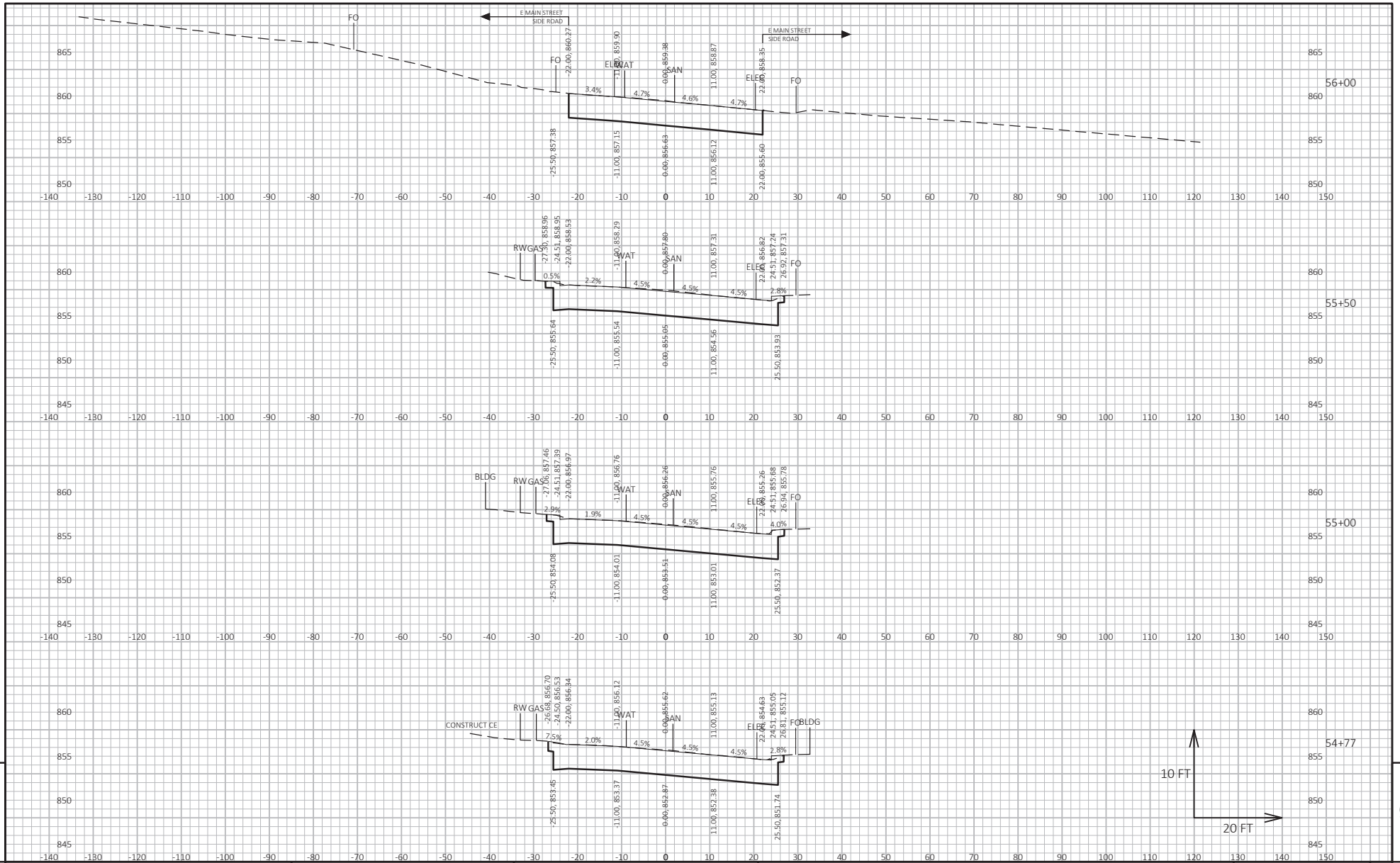
PLOT NAME :

PLOT SCALE : 1 IN=20 FT HORZ. / 1 IN=10 FT VERT.

WISDOT/CADDIS SHEET 49



PROJECT NO: 5400-00-73	HWY: USH 151	COUNTY: DANE	CROSS SECTIONS: SOUTH BLAIR STREET	SHEET	E
------------------------	--------------	--------------	------------------------------------	-------	---



PROJECT NO: 5400-00-73

HWY: USH 151

COUNTY: DANE

CROSS SECTIONS: SOUTH BLAIR STREET

SHEET

E

FILE NAME : S:\MAD\1000-1099\1089\930\DRAWINGS\CAD\CIVIL3D\540000003\SHEETS\PLAN\090201-XS.DWG
LAYOUT NAME - 090204-xs

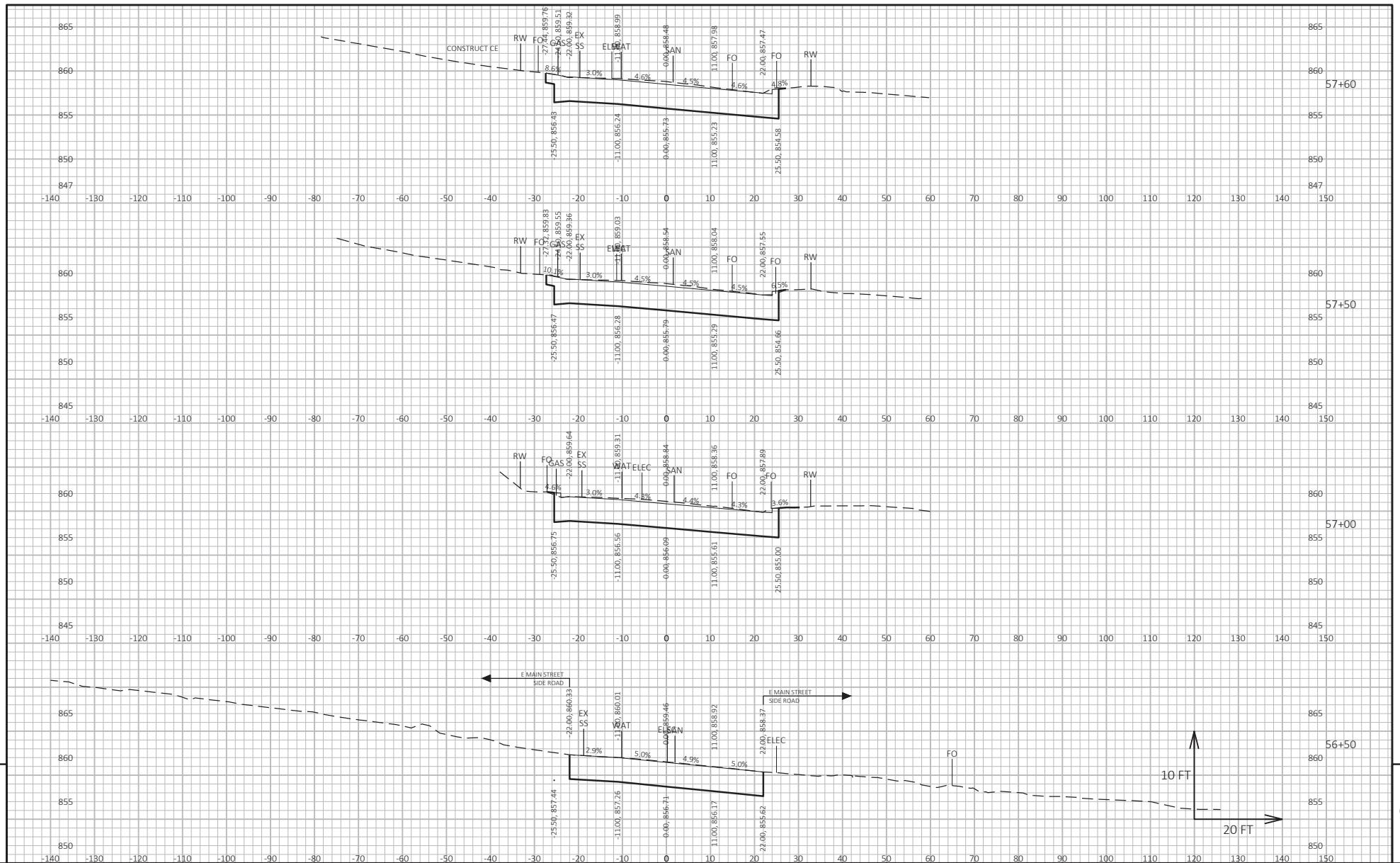
PLOT DATE : 7/16/2020 1:50 PM

PLOT BY : NOTSON, ERIC

PLOT NAME :

PLOT SCALE : 1 IN=20 FT HORZ. / 1 IN=10 FT VERT.

WISDOT/CADDIS SHEET 49



PROJECT NO: 5400-00-73

HWY: USH 151

COUNTY: DANE

CROSS SECTIONS: SOUTH BLAIR STREET

SHEET

E

FILE NAME : S:\MAD\1000-1099\1089\930\DRAWINGS\CAD\CIVIL3D\540000003\SHEETS\PLAN\090201-XS.DWG
LAYOUT NAME - 090205-xs

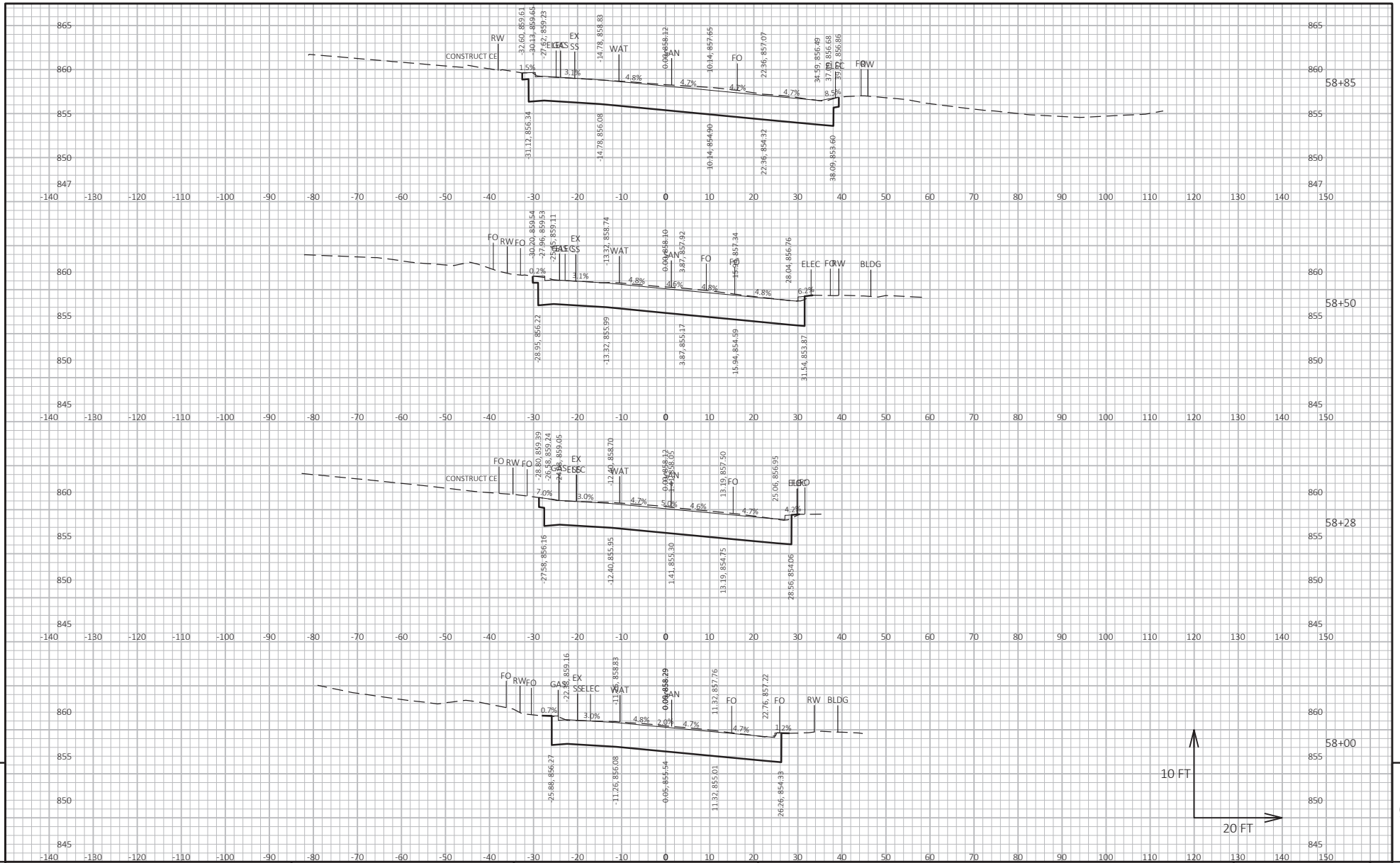
PLOT DATE : 7/16/2020 1:50 PM

PLOT BY : NOTSON, ERIC

PLOT NAME :

PLOT SCALE : 1 IN=20 FT HORIZ. / 1 IN=10 FT VERT.

WISDOT/CADDIS SHEET 49



PROJECT NO: 5400-00-73 HWY: USH 151 COUNTY: DANE CROSS SECTIONS: SOUTH BLAIR STREET SHEET E

FILE NAME: S:\MAD\1000-1099\1089\930\DRAWINGS\CAD\CIVIL3D\540000003\SHEETS\PLAN\090201-XS.DWG
LAYOUT NAME - 090206-xs

PLOT DATE: 7/16/2020 1:50 PM

PLOT BY: NOTSON, ERIC

PLOT NAME:

PLOT SCALE: 1 IN=20 FT HORZ. / 1 IN=10 FT VERT.

WISDOT/CADDIS SHEET 49

9



9

PROJECT NO: 5400-00-73

HWY: USH 151

COUNTY: DANE

CROSS SECTIONS: SOUTH BLAIR STREET

SHEET

E

FILE NAME : S:\MAD\1000-1099\1089\930\DRAWINGS\CAD\CIVIL3D\54000003\SHEETS\PLAN\090201-XS.DWG
LAYOUT NAME - 090207.xs

PLOT DATE : 7/16/2020 1:50 PM

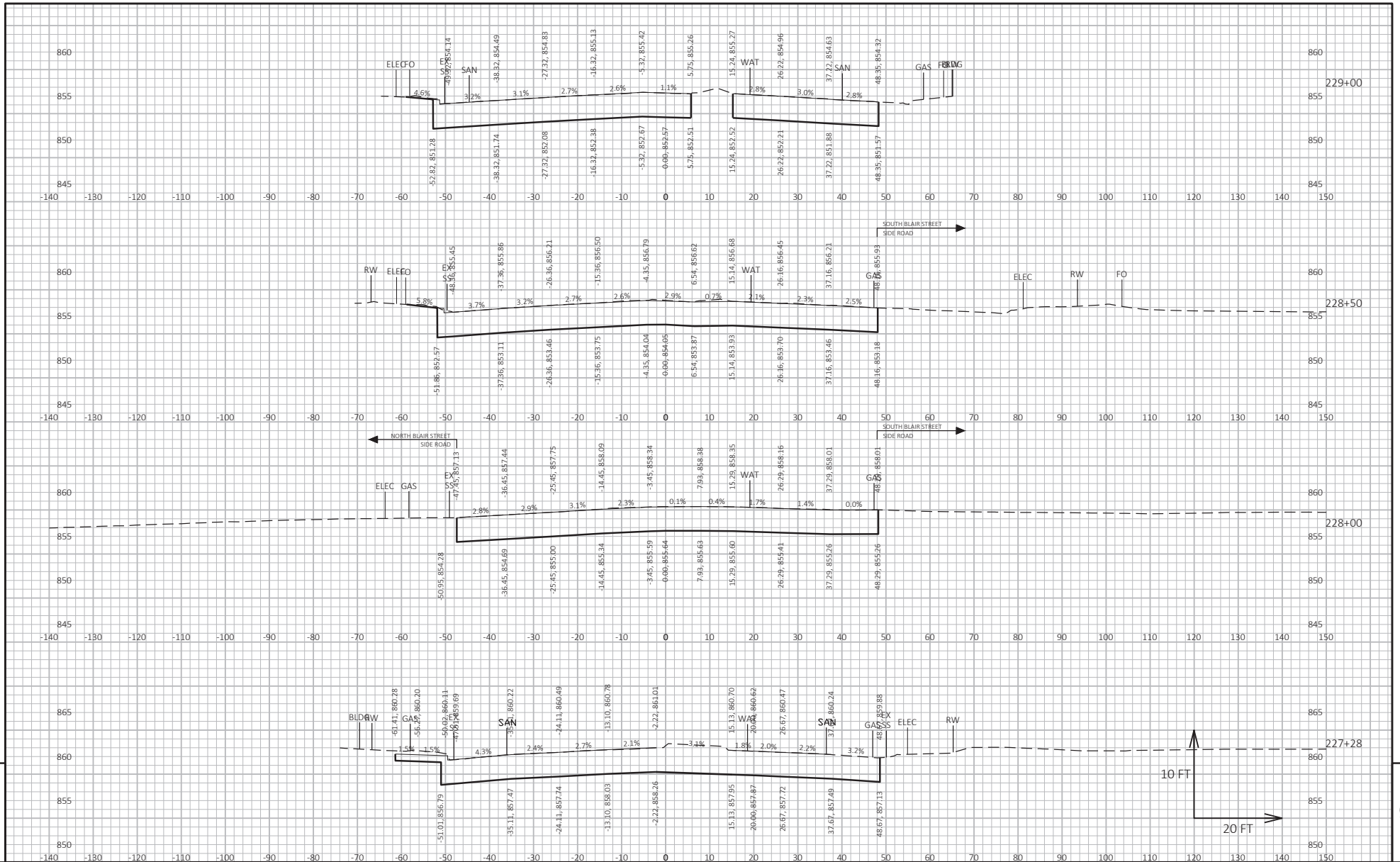
PLOT BY : NOTSON, ERIC

PLOT NAME :

PLOT SCALE : 1 IN=20 FT HORZ. / 1 IN=10 FT VERT.

WISDOT/CADD5 SHEET 49

PRELIMINARY - JULY 2020



PROJECT NO: 5400-00-73

HWY: USH 151

COUNTY: DANE

CROSS SECTIONS: EAST WASHINGTON AVENUE

SHEET

E

FILE NAME: S:\MAD\1000-1099\1089\930\DRAWINGS\CAD\CIVIL3D\540000003\SHEETS\PLAN\090201-XS.DWG
LAYOUT NAME - 090211.xls

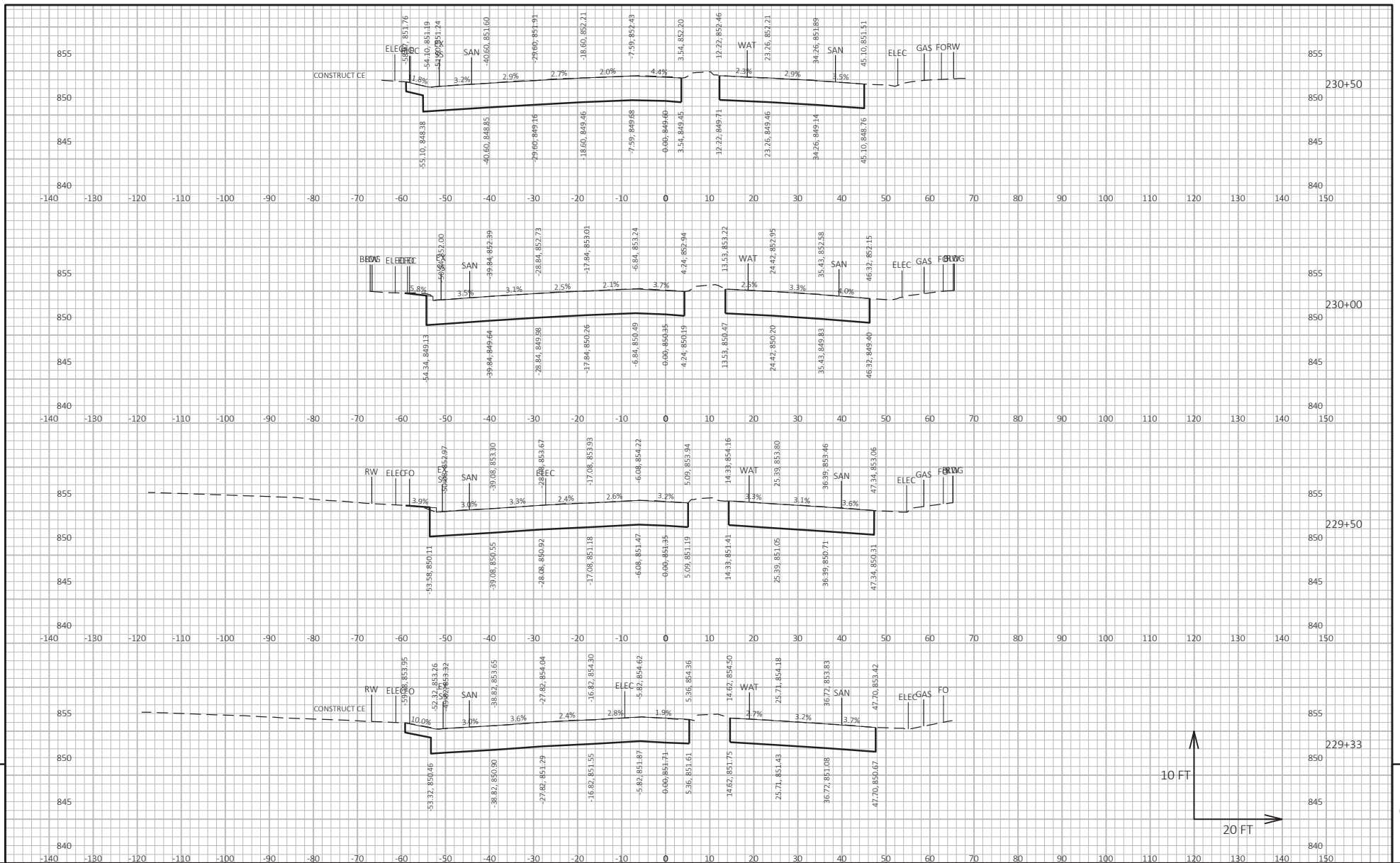
PLOT DATE: 7/16/2020 1:50 PM

PLOT BY: NOTSON, ERIC

PLOT NAME:

PLOT SCALE: 1 IN=20 FT HORIZ. / 1 IN=10 FT VERT.

WISDOT/CADDSS SHEET 49



PROJECT NO: 5400-00-73

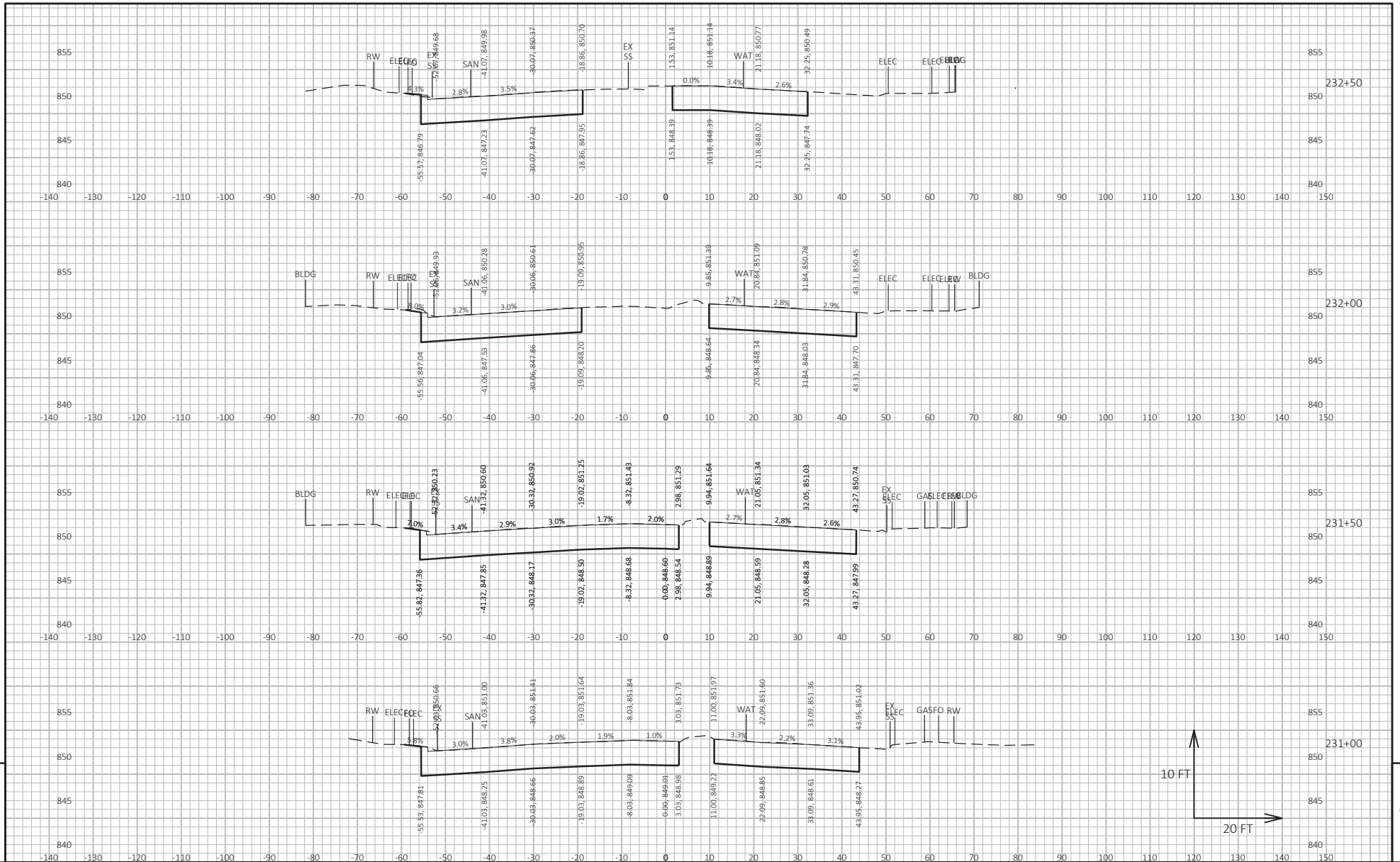
HWY: USH 151

COUNTY: DANE

CROSS SECTIONS: EAST WASHINGTON AVENUE

SHEET

3	
---	--



PROJECT NO: 5400-00-73	HWY: USH 151	COUNTY: DANE	CROSS SECTIONS: EAST WASHINGTON AVENUE	SHEET	E
------------------------	--------------	--------------	--	-------	---

