PROJECT ID: 1021-01-72

COUNTY: ST. CROIX

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 PROJECT	FEDERAL PROJECT	
	PROJECT	CONTRACT
1021-01-72		

STATE OF WISCONSIN

DEPARTMENT OF TRANSPORTATION

PLAN OF PROPOSED IMPROVEMENT

HUDSON-BALDWIN ROAD

CTH T INTERCHANGE: B-55-0042

IH 94

ST. CROIX COUNTY

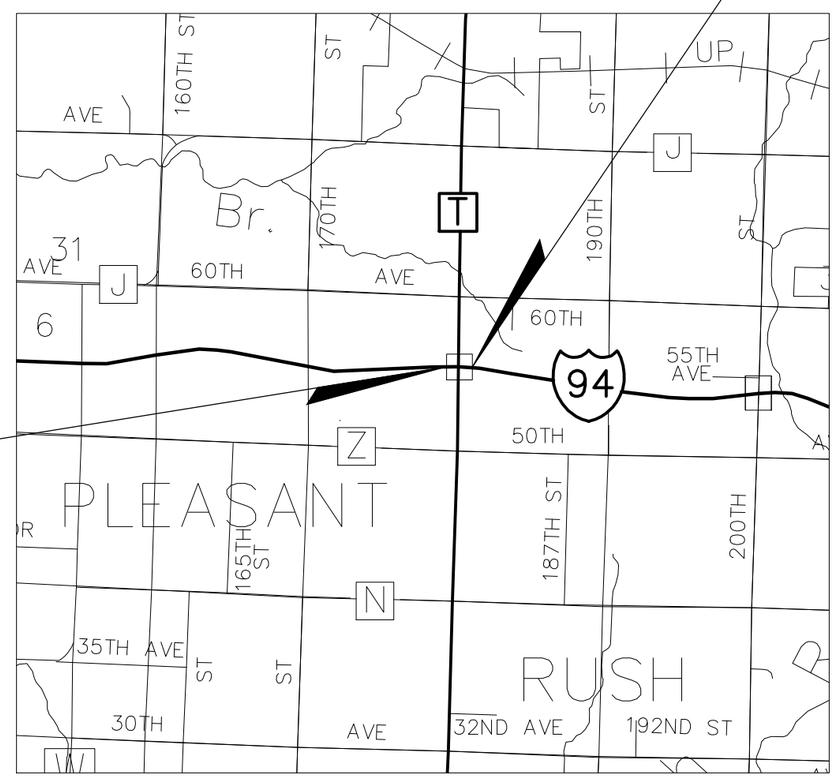
STATE PROJECT NUMBER
1021-01-72

N

DESIGN DESIGNATION		IH 94	CTH T
A.A.D.T.	(2016) =	44,400	4,200
A.A.D.T.	(2036) =	62,400	6,000
D.H.V.	(2036) =	11,170	730
D.D.	=	58/42	50/50
T.	=	28.0%	12.2%
DESIGN SPEED	=	70MPH	60MPH
ESALS	=	N/A	5,533,400

END PROJECT
STA 855+00.00 'EB'

BEGIN PROJECT
STA 785+00.00 'EB'
Y = 330,175.294
X = 590,584.324



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

LAYOUT
SCALE 0 SCALE

TOTAL NET LENGTH OF CENTERLINE = 1.258 MI.

HORIZONTAL POSITIONS SHOWN ON THIS PLAN ARE WISCONSIN COUNTY COORDINATES, ST. CROIX COUNTY, NAD83 (1991), IN U.S. SURVEY FEET. VALUES ARE GRID COORDINATES, GRID BEARINGS, AND GRID DISTANCES. GRID DISTANCES MAY BE USED AS GROUND DISTANCES.

Mead & Hunt

Mead & Hunt, Inc.
6501 Watts Road
Madison, WI 53719
phone: 608-273-6380
meadhunt.com

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

PREPARED BY

Surveyor	MEAD & HUNT/CBS SQUARED
Designer	MEAD & HUNT INC
Project Manager	TARA WEISS, PE
Regional Examiner	
Regional Supervisor	RICHARD SHERMO, PE
C.O. Examiner	

APPROVED FOR THE DEPARTMENT

DATE: _____ (Signature)

PRE_1

E

2

GENERAL NOTES

ELEVATIONS SHOWN ON THE PLAN ARE REFERENCED TO THE APPROXIMATE USGS DATUM NAVD 83 (1991).

WHEN THE QUANTITY OF BASE AGGREGATE OR ASPHALTIC SURFACE IS MEASURED FOR PAYMENT BY THE TON OR CUBIC YARD, THE DEPTH OR THICKNESS OF THE LAYER SHOWN ON THE PLANS IS APPROXIMATE AND THE ACTUAL THICKNESS WILL DEPEND ON THE DISTRIBUTION OF THE MATERIAL AS DIRECTED BY THE ENGINEER.

THE LOCATION OF EXISTING AND PROPOSED UTILITY INSTALLATIONS AS SHOWN ON THE PLANS IS APPROXIMATE. THERE MAY BE OTHER UTILITY INSTALLATIONS WITHIN THE PROJECT AREA THAT ARE NOT SHOWN.

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

CURVE DATA IS BASED ON THE ARC DEFINITION.

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

DISTURBED AREAS WITHIN THE RIGHT-OF-WAY, EXCEPT THE AREAS WITHIN THE FINISHED SHOULDER POINTS, ARE TO BE 4-INCH SALVAGED TOPSOIL, FERTILIZED, SEEDED AND MULCHED.

BEARINGS SHOWN ON THE PLANS ARE GROUND BEARINGS TO THE NEAREST SECOND.

THE LOCATION OF ALL DRIVEWAYS WILL BE DETERMINED BY THE ENGINEER.

ALL CURB AND GUTTER RADII, PAVEMENT DIMENSIONS AND STATIONS ARE SHOWN TO THE EDGE OF PAVEMENT UNLESS NOTED OTHERWISE.

CONSTRUCT INSIDE EDGE OF SIDEWALK 1/4-INCH HIGHER THAN THE TOP OF CURB, WHEN THEY ARE ADJACENT TO EACH OTHER.

A VERTICAL SAWCUT SHALL BE MADE THROUGH EXISTING DRIVEWAYS AND PAVEMENTS AT REMOVAL LIMITS.

TOP OF CASTING ELEVATIONS SHOWN FOR INLETS REFER TO THE CASTING ELEVATION AT THE FRONT EDGE OF CASTING.

CONSTRUCTION PERMITS FOR SIDEWALK AND/OR DRIVEWAY CONSTRUCTION HAVE BEEN OBTAINED AND SUCH RIGHTS WILL BE EXTENDED TO THE CONTRACTOR.

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

EXCAVATION BELOW SUBGRADE (EBS) MAY BE REQUIRED IN AREAS WHERE POOR SOILS ARE ENCOUNTERED. EBS MATERIAL MAY BE USED AS FILL IN AREAS OUTSIDE OF THE ROADWAY SHOULDER POINTS. EBS IS NOT SHOWN ON THE CROSS SECTIONS BUT IS TO BE MEASURED AND PAID FOR AS COMMON EXCAVATION.

ASPHALTIC SURFACE/HMA PAVEMENT SHALL BE CONSTRUCTED WITH THE FOLLOWING LAYER THICKNESSES:

PAVEMENT THICKNESS (INCH)	LOWER (INCH)	NOM AGG SIZE (mm)	LOWER (INCH)	NOM AGG SIZE (mm)	UPPER (INCH)	NOM AGG SIZE (mm)
9	3½	19	3½	19	2	12.5
7¾	3¼	19	2½	19	2	12.5
6¼	2¼	19	2¼	19	1¾	12.5
5	1¾	19	1½	12.5	1½	12.5
4	2¼	19	----	----	1¾	12.5
2	----	----	----	----	2	12.5

CURB RAMP TYPES ARE SHOWN ON PLAN/INTERSECTION DETAIL SHEETS.

SILT FENCE IS TO BE PLACED AS SHOWN ON THE PLANS OR AS DIRECTED BY THE ENGINEER, AND IN PLACE PRIOR TO BRIDGE REMOVAL.

WisDOT MONUMENTS WILL BE SUPPLIED BY THE STATE AND INSTALLED BY THE CONTRACTOR AS DIRECTED BY THE ENGINEER.

EXISTING PIPE CULVERT AND/OR CONCRETE BOX CULVERT SIZES SHOWN ARE APPROXIMATE AND THE CONTRACTOR SHALL BASE ITS BID ON ACTUAL FIELD CONDITIONS.

ORDER OF SECTION 2 SHEETS

PROJECT OVERVIEW
TYPICAL SECTIONS
CONSTRUCTION DETAILS
INTERSECTION DETAILS
INTERCHANGE DETAILS
CONTOUR MAPS
CROSS SECTIONS MATCHLINES
EROSION CONTROL AND DRAINAGE DETAILS
STORM SEWER AND UTILITY DETAILS
PLANTING DETAILS
SIGNING DETAILS
LIGHTING DETAILS
TRAFFIC SIGNAL DETAILS
PAVEMENT MARKING DETAILS
TRAFFIC CONTROL DETAILS
CONSTRUCTION STAGING DETAILS
FENCING DETAILS
ALIGNMENT DETAILS

UTILITY CONTACTS

2

* AT&T LEGACY
COMMUNICATION LINE
ATTN: MR. CARL DONAHUE
866 ROCK CREEK ROAD
PLANO, IL 60545

TELEPHONE: (715) 833-2054
E-MAIL: CDONAHUE@ATT.COM

* LEVEL 3 COMMUNICATIONS LLC
COMMUNICATION LINE
ATTN: MS. NICKEY WORTHINGTON
1025 ELDORADO BLVD
BROOMFIELD, CO 80021

TELEPHONE: (720) 888-0336
E-MAIL: NICKEY.WORTHINGTON@LEVEL3.COM

* ST. CROIX ELECTRIC COOPERATIVE
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ATTN: MR. ROB DOOLEY
1925 RIDGEWAY STREET
P.O. BOX 108
HAMMOND, WI 54015-5039

TELEPHONE: (715) 796-7000
E-MAIL: ROBDOO@SCECNET.NET

* WISCONSIN DEPARTMENT OF TRANSPORTATION
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ATTN: MR. JEFF MADSON
433 W ST. PAUL AVENUE, SUITE 300
MILWAUKEE, WI 53203-3007

TELEPHONE: (414) 225-3723
EMAIL: JEFFERY.MADSON@DOT.WI.GOV

* CENTURYLINK
COMMUNICATION LINE
ATTN: MR. MONTY PARKER
20 S WILSON AVENUE
RICE LAKE, WI 54868

TELEPHONE: (715) 234-5528
EMAIL: MONTY.PARKER@CENTURYTEL.COM

* QUEST COMMUNICATIONS CORP
COMMUNICATION LINE
ATTN: MR. BOB SAMPSON
1310 EAST MARY STREET
OTTUMWA, WI 52501

TELEPHONE: (636) 887-5367
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ELECTRICITY
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HAMMOND, WI 54015-5039

TELEPHONE: (715) 796-7000
EMAIL: STANH@SCECNET.NET

* DENOTES DIGGERS HOTLINE MEMBER

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

CONSULTANT CONTACT
MEAD & HUNT, INC.
6501 WATTS ROAD
MADISON, WI 53719-2700

ATTN: MR. SCOTT HASBURGH, P.E.
TELEPHONE: 608-273-6380
E-MAIL: SCOTT.HASBURGH@MEADHUNT.COM

DNR LIAISON
DEPARTMENT OF NATURAL RESOURCES
WEST CENTRAL REGION
1300 WEST CLAIREMONT AVENUE
P.O. BOX 4001
EAU CLAIRE, WI 54701-4001

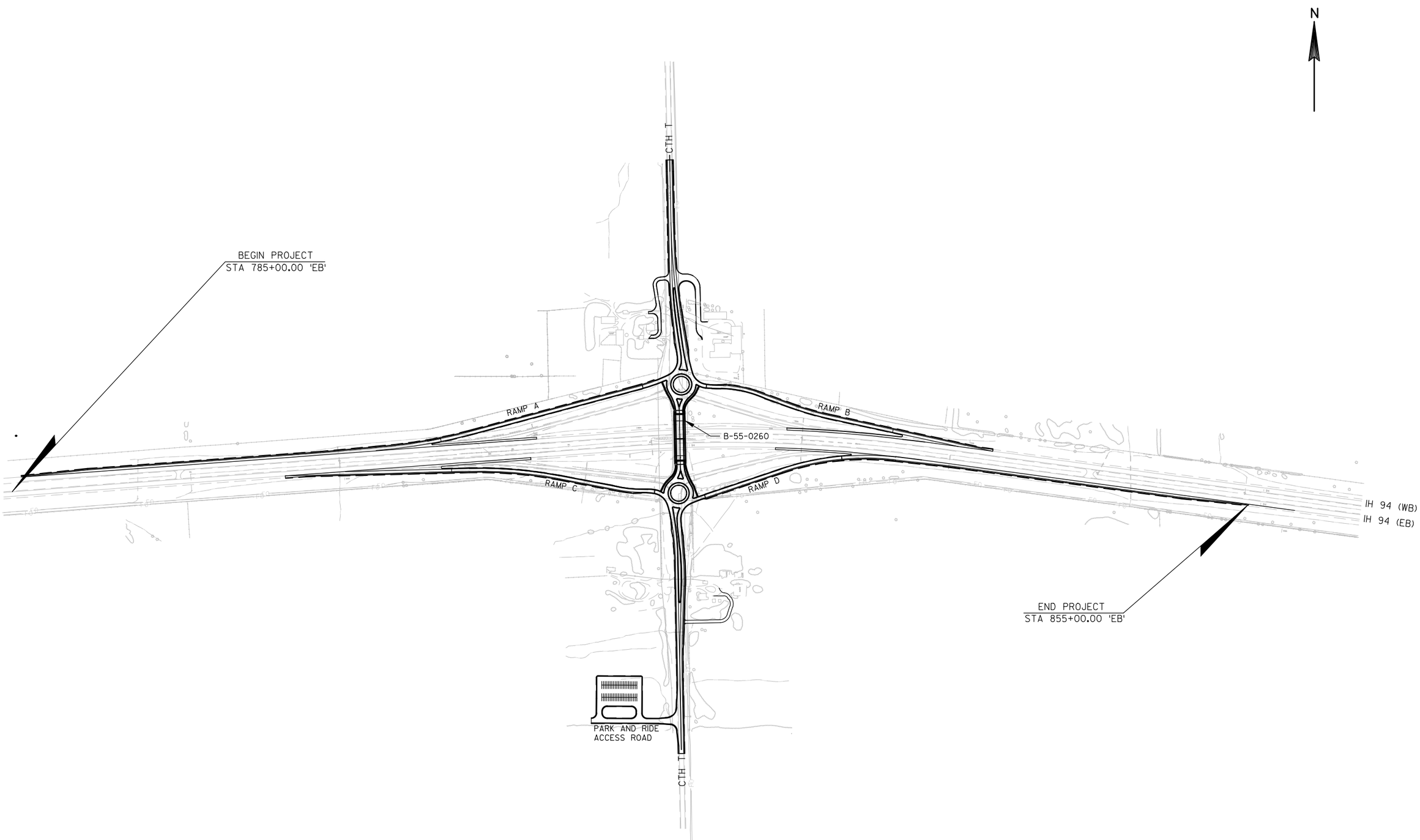
ATTN: MR. NICK SCHAFF
TELEPHONE: 715-839-1609
E-MAIL: NICHOLAS.SCHAFF@WISCONSIN.GOV

STANDARD ABBREVIATIONS

ABUT	ABUTMENT
AP	ACCESS POINT
AR	ACCESS RIGHTS
AC	ACRE
AGG	AGGREGATE
AH	AHEAD
ET AL	AND OTHERS
∠	ANGLE
ASPH	ASPHALTIC
APM	ASPHALTIC PLANT MIX
AVG	AVERAGE
AADT	ANNUAL AVERAGE DAILY TRAFFIC
BK	BACK
BF	BACK FACE
BL or B/L	BASE LINE
BM	BENCH MARK
BLK	BLOCK
BR	BRIDGE
CB	CATCH BASIN
CL or C/L	CENTER LINE
CC	CENTER TO CENTER
	CENTRAL ANGLE OR DELTA
CH	CHORD
CH BRG	CHORD BEARING
CE	COMMERCIAL ENTRANCE
CONC	CONCRETE
CB#	CONTROL BASE
CORR	CORRUGATED
CACP	CORRUGATED ALUMINUM CULVERT PIPE
CAPA	CORRUGATED ALUMINUM PIPE ARCH
CSCP	CORRUGATED STEEL CULVERT PIPE
CSPA	CORRUGATED STEEL PIPE ARCH
CSPCP	CORRUGATED STEEL PIPE CATTLE PASS
CO	COUNTY
CTH	COUNTY TRUNK HIGHWAY
CR	CREEK
CR	CRUSHED
CABC	CRUSHED AGGREGATE BASE COURSE
CY or CUYD	CUBIC YARD
CULV	CULVERT
CP	CULVERT PIPE
CG	C & G CURB AND GUTTER
D	DEGREE OF CURVE
DHV	DESIGN HOUR VOLUME
DIA	DIAMETER
DD	DIRECTIONAL DISTRIBUTION
DISCH	DISCHARGE
DIST	DISTRICT
DG	DITCH GRADE
DOC	DOCUMENT
DWY	DRIVEWAY
E	EAST
X	EAST GRID COORDINATE
EB	EASTBOUND
ELEC	ELECTRIC (AL)
EL or ELEV	ELEVATION
EMB	EMBANKMENT
EVP	EMERGENCY VEHICLE PREEMPT
EVPR	EMERGENCY VEHICLE PREEMPT RECEIVER
EW	ENDWALL
ENT	ENTRANCE
ESALS	EQUIVALENT SINGLE AXLE LOADS
EXC	EXCAVATION
EBS	EXCAVATION BELOW SUBGRADE
EX or EXIST	EXISTING
FL or F/L	FLOW LINE
FT	FOOT
FTG	FOOTING
FDN	FOUNDATION
FTMS	FREEWAY TRAFFIC MANAGEMENT SYSTEM
G	GARAGE
GN	GRID NORTH
EXP	EXPANSION
FF	FACE TO FACE OR FRONT FACE
FP	FENCE POST
FERT	FERTILIZE
FE	FIELD ENTRANCE
F	FILL
FG	FINISH GRADE
FAB	FLASHING ARROW BOARD
HES	HIGH EARLY STRENGTH
H	HOUSE
HYD	HYDRANT
IN DIA	INCH DIAMETER
INTERS	INTERSECTION
INV	INVERT
IP	IRON PIPE OR PIN
JT	JOINT
JCT	JUNCTION
LT	LEFT
LHF	LEFT-HAND FORWARD
L	LENGTH OF CURVE
LIN FT or LF	LINEAR FOOT
LC	LONG CHORD OF CURVE
LS	LUMP SUM
MAINT	MAINTENANCE
MH	MANHOLE
MP	MARKER POST
M	MARSH
ML or M/L	MATCH LINE
MATL	MATERIAL
MB	MESSAGE BOARD
NOM	NOMINAL
NRCPSS	NON REINFORCED CONCRETE PIPE STORM SEWER
NC	NORMAL CROWN
NW or N/W	NORMAL WATER
N	N
Y	NORTH GRID COORDINATE
NB	NORTHBOUND
NO	NUMBER
OBLIT	OBLITERATE
OL	OUT LOT
OD	OUTSIDE DIAMETER
PAVT	PAVEMENT
PERM	PERMANENT
PLE	PERMANENT LIMITED EASEMENT
PU	PIPE UNDERDRAIN
PUDT	PIPE UNDERDRAIN DRAIN
PUU	PIPE UNDERDRAIN UNPERFORATED
PT	POINT
PCC	POINT OF COMPOUND CURVE
PC	POINT OF CURVATURE
PI	POINT OF INTERSECTION
PT	POINT OF TANGENCY
PVC	POLYVINYL CHLORIDE
PCC	PORTLAND CEMENT CONCRETE
LB Pound	LB POUND
PSI	POUNDS PER SQUARE INCH
PE	PRIVATE ENTRANCE
PROJ	PROJECT
PL	PROPERTY LINE
R	RADIUS
RP	RADIUS POINT
RR	RAILROAD
RM	RAMP METER
R	RANGE
RECY	RECYCLED
RL or R/L	REFERENCE LINE
RP	REFERENCE POINT
RCCP	REINFORCED CONCRETE CULVERT PIPE
CP	CULVERT PIPE
RCHECP	REINFORCED CONCRETE HORIZONTAL ELLIPTICAL CULVERT PIPE
RCPA	REINFORCED CONCRETE PIPE ARCH
RCPCP	REINFORCED CONCRETE PIPE CATTLE PASS
RCPSS	REINFORCED CONCRETE PIPE STORM SEWER
REBAR	REINFORCEMENT BAR
REINF	REINFORCING OR REINFORCEMENT
REL	RELOCATE (D)
REM	REMAINING
REQD	REQUIRED
RES	RESIDENCE OR RESIDENTIAL
RW	RETAINING WALL
RT	RIGHT
RHF	RIGHT-HAND FORWARD
R/W	RIGHT-OF-WAY
R	RIVER
RD	ROAD
RDWY	ROADWAY
SALV	SALVAGED
SSS	SANITARY AND STORM SEWER
SAN S	SANITARY SEWER
SEC	SECTION
SHLDR	SHOULDER
SHR	SHRINKAGE
SW	SIDEWALK
SB#	SIGNAL BASE
S	SOUTH
SB	SOUTHBOUND
SP	SPECIAL
SC	SPECIAL CROSSING
SPECS	SPECIFICATIONS
SQ	SQUARE
SF or SQ FT	SQUARE FEET
SY or SQ YD	SQUARE YARD
STD	STANDARD
SDD	STANDARD DETAIL DRAWINGS
STH	STATE TRUNK HIGHWAYS
STA	STATION
SS	STORM SEWER
SE	SUPERELEVATION
SURF	SURFACE
T	TANGENT
TEL	TELEPHONE
TEMP	TEMPORARY
TI	TEMPORARY INTEREST
TLE	TEMPORARY LIMITED EASEMENT
TPM	TEMPORARY PAVEMENT MARKING
TPMRT	TEMPORARY PAVEMENT MARKING REMOVABLE TAPE
†	TON
TC	TOP OF CURB
T or TN	TOWN
TRANS	TRANSITION
TL or T/L	TRANSIT LINE
T	TRUCKS (PERCENT OF)
TYP	TYPICAL
UG	UNDERGROUND
USH	UNITED STATES HIGHWAY
VAR	VARIABLE
V	VELOCITY OR DESIGN SPEED
VERT	VERTICAL
VC	VERTICAL CURVE
VPCC	VERTICAL POINT OF COMPOUND
Curve	CURVE
VPC	VERTICAL POINT OF CURVE
VPI	VERTICAL POINT OF INTERSECTION
VPRC	VERTICAL POINT OF REVERSE CURVE
VPT	VERTICAL POINT OF TANGENCY
VIT	VITRIFIED
VOL	VOLUME
W	WATER
WM	WATER MAIN
WV	WATER VALVE
W	WELL
W	WEST
WB	WESTBOUND
YD	YARD

2

2



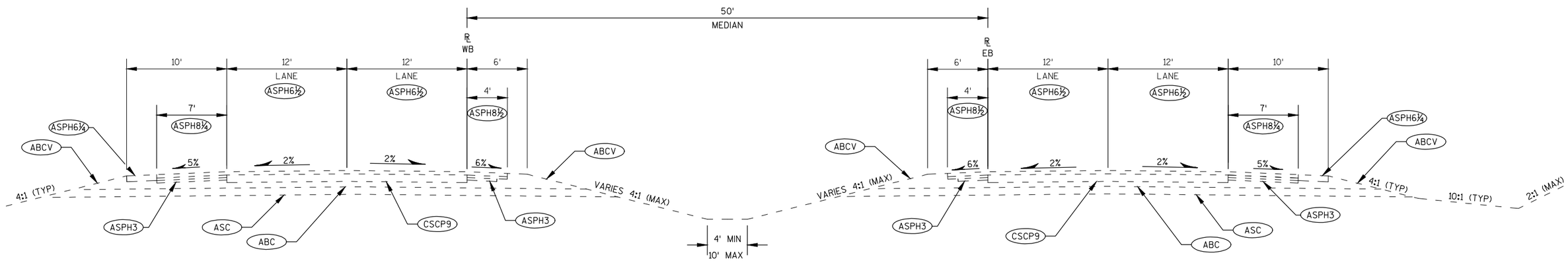
PROJECT NO:1021-01-72	HWY:IH 94	COUNTY:ST. CROIX	PROJECT OVERVIEW	SHEET E

PRE_4

FILE NAME : X:\3230600\121622.01\TECH\CAD\10210102\SHEETSPLAN\020201_PO.DWG PLOT DATE : 8/27/2013 2:36 PM PLOT BY : DAVID YAHNKE PLOT NAME : PLOT SCALE : 1 IN:500 FT

WISDOT/CADDS SHEET 42

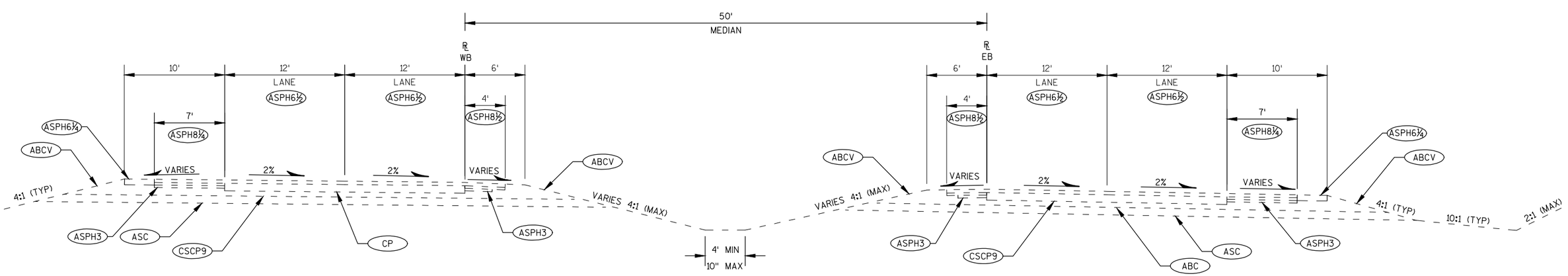
TYPICAL SECTIONS ON THIS SHEET INCLUDE HMA OVERLAY SCHEDULED FOR THE YEAR 2015.



EXISTING TYPICAL SECTION
IH 94

STA 799+99.71 EB - STA 818+24.95 EB
STA 834+45.19 EB - STA 852+23.11 EB
STA 785+79.42 WB - STA 818+38.60 WB
STA 834+60.32 WB - STA 838+29.34 WB

CSCP9	9" CRACKED AND SEATED CONCRETE PAVEMENT
ASC	9" AGGREGATE BASE SUBBASE COURSE
ABC	6" AGGREGATE BASE COURSE
ABCV	AGGREGATE BASE COURSE (DEPTH VARIES)
ASPH6½	6.5" ASPHALTIC CONCRETE PAVEMENT
ASPH6¼	6.25" ASPHALTIC CONCRETE PAVEMENT
ASPH8½	8.5" ASPHALTIC CONCRETE PAVEMENT
ASPH8¼	8.25" ASPHALTIC CONCRETE PAVEMENT
ASPH3	3" ASPHALTIC CONCRETE PAVEMENT

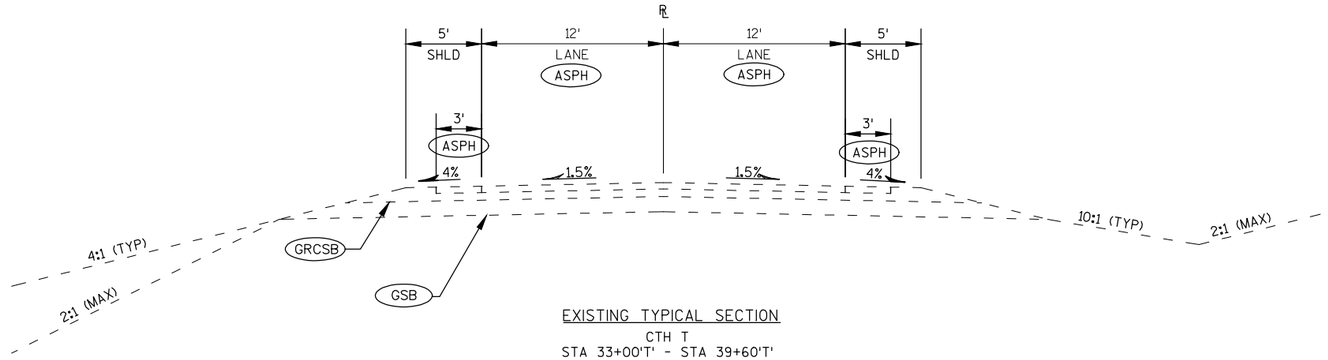


EXISTING TYPICAL SECTION
SUPER ELEVATION

STA 818+24.95 EB - STA 834+45.19 EB
STA 818+38.60 WB - STA 834+60.32 WB

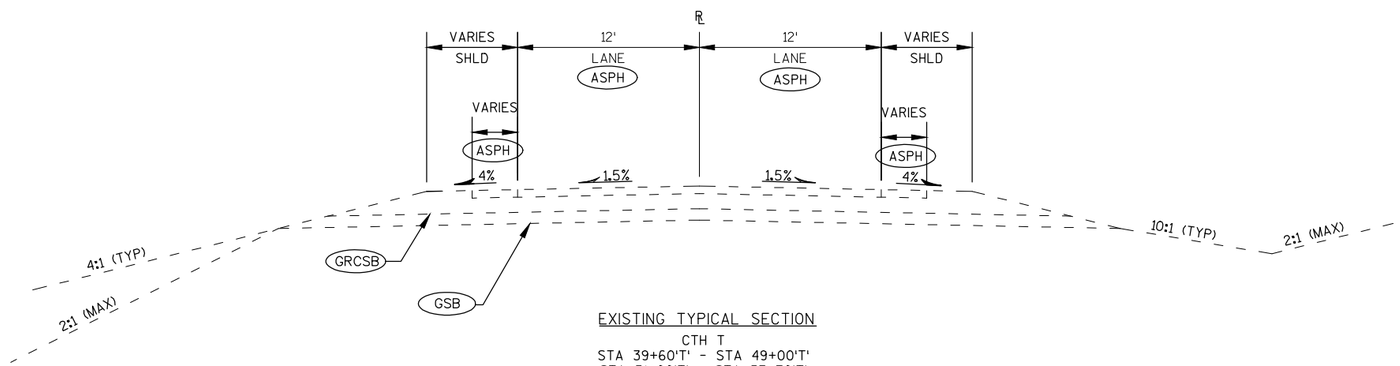
PROJECT NO:1021-01-72	HWY:IH 94	COUNTY:ST. CROIX	PLAN: TYPICAL SECTIONS	SHEET PRE_5 E

FILE NAME : X:\3230600\121622.01\TECH\CAD\10210102\SHEETSPLAN\020301_TS.DWG PLOT DATE : 8/27/2013 2:36 PM PLOT BY : DAVID YAHNKE PLOT NAME : PLOT SCALE : 1 IN:10 FT



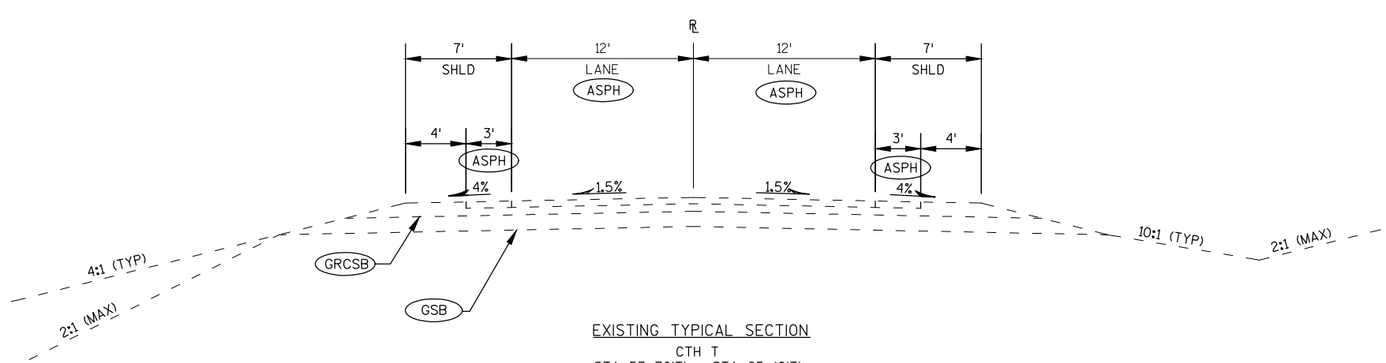
EXISTING TYPICAL SECTION
CTH T
STA 33+00'T' - STA 39+60'T'

ASPH 4" ASPHALTIC PAVEMENT
GRCSB 6" GRAVEL OR CRUSHED STONE BASE
GSB 12" GRANULAR SUB-BASE



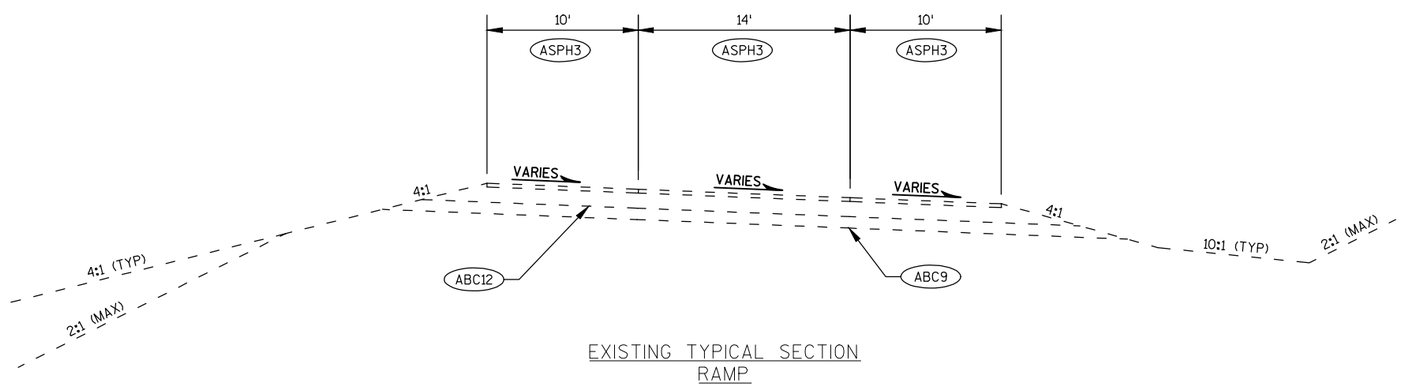
EXISTING TYPICAL SECTION
CTH T
STA 39+60'T' - STA 49+00'T'
STA 51+00'T' - STA 57+70'T'

ASPH 4" ASPHALTIC PAVEMENT
GRCSB 6" GRAVEL OR CRUSHED STONE BASE
GSB 12" GRANULAR SUB-BASE



EXISTING TYPICAL SECTION
CTH T
STA 57+70'T' - STA 65+10'T'

ASPH 4" ASPHALTIC PAVEMENT
GRCSB 6" GRAVEL OR CRUSHED STONE BASE
GSB 12" GRANULAR SUB-BASE



EXISTING TYPICAL SECTION
RAMP

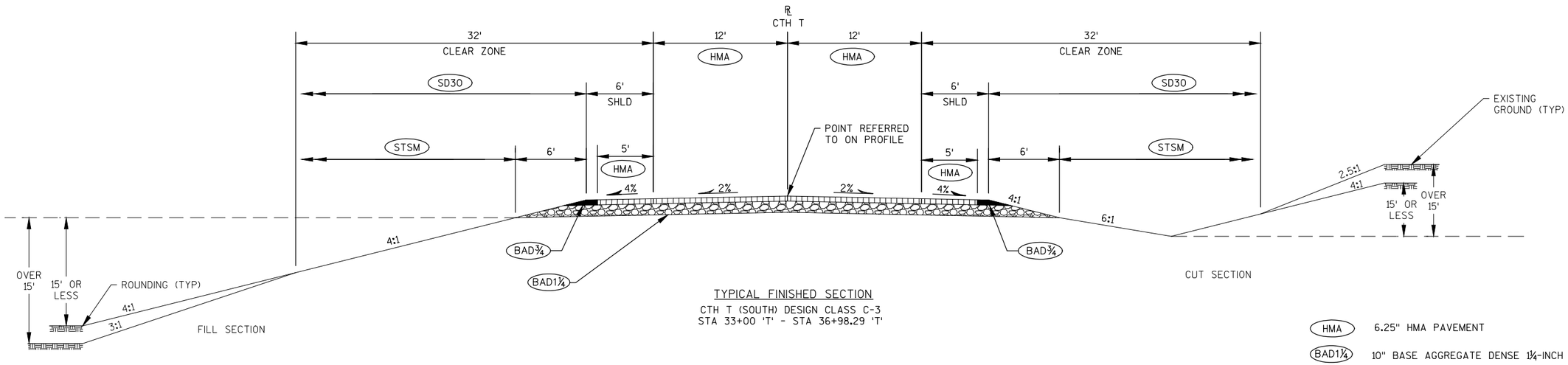
ASPH3 3" ASPHALTIC CONCRETE PAVEMENT

ASC 9" AGGREGATE BASE SUBBASE COURSE

ABC12 12" AGGREGATE BASE COURSE

PROJECT NO:1021-01-72	HWY:IH 94	COUNTY:ST. CROIX	PLAN: TYPICAL SECTIONS	SHEET PRE_7 E

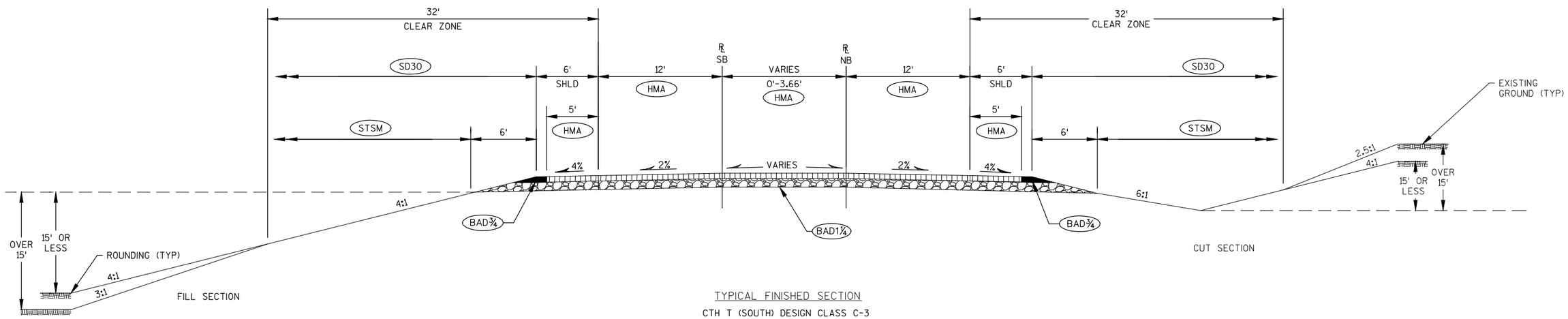
FILE NAME : X:\3230600\121622.01\TECH\CAD\10210102\SHEETSPLAN\020301_TS.DWG PLOT DATE : 8/27/2013 2:36 PM PLOT BY : DAVID YAHNKE PLOT NAME : PLOT SCALE : 1 IN:10 FT



TYPICAL FINISHED SECTION

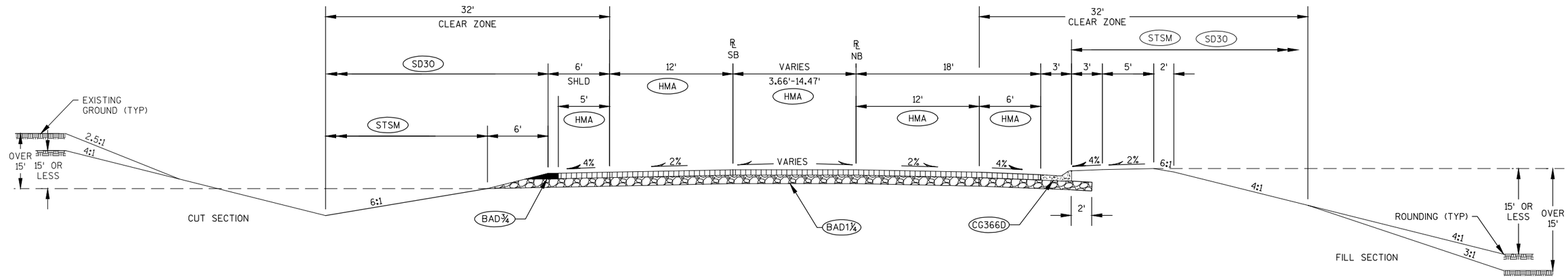
CTH T (SOUTH) DESIGN CLASS C-3
STA 33+00 'T' - STA 36+98.29 'T'

HMA	6.25" HMA PAVEMENT
BAD1¼	10" BASE AGGREGATE DENSE 1¼-INCH
BAD¾	6¼" BASE AGGREGATE DENSE ¾-INCH
STSM	SALVAGED TOPSOIL AND MULCH
SD30	SEEDING MIXTURE NO 30, FERTILIZER TYPE B



TYPICAL FINISHED SECTION

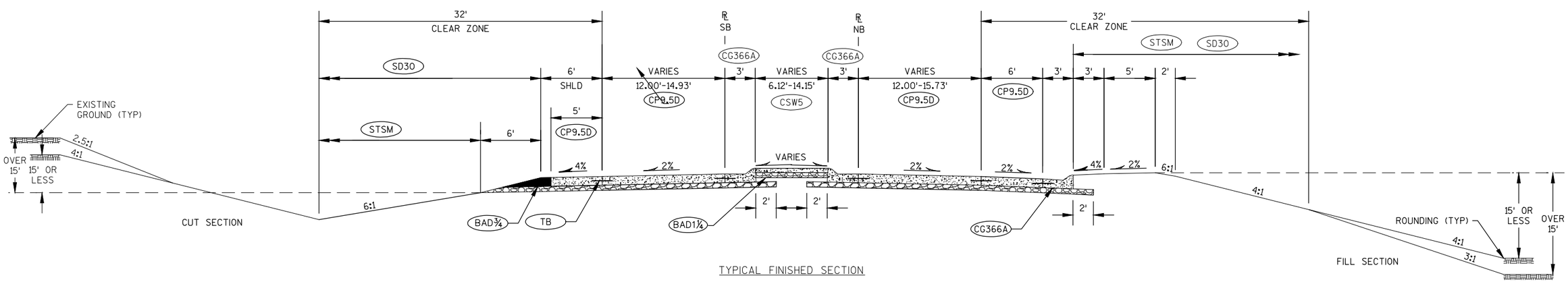
CTH T (SOUTH) DESIGN CLASS C-3
STA 36+98.29 'T' - STA 38+89.60 'T'



TYPICAL FINISHED SECTION

CTH T (SOUTH) DESIGN CLASS C-3
STA 38+89.60 'T' - STA 41+20.17 'T'

HMA	6.25" HMA PAVEMENT
BAD1¼	10" BASE AGGREGATE DENSE 1¼-INCH
BAD¾	6¼"-9½" BASE AGGREGATE DENSE ¾-INCH
CG366D	CONCRETE CURB AND GUTTER 6-INCH SLOPED 36-INCH TYPE D
STSM	SALVAGED TOPSOIL AND MULCH
SD30	SEEDING MIXTURE NO 30, FERTILIZER TYPE B
CP9.50	CONCRETE PAVEMENT HES 9½-INCH SPECIAL (DOWELED)
CSW5	CONCRETE SIDEWALK 5-INCH
TB	TIE BAR



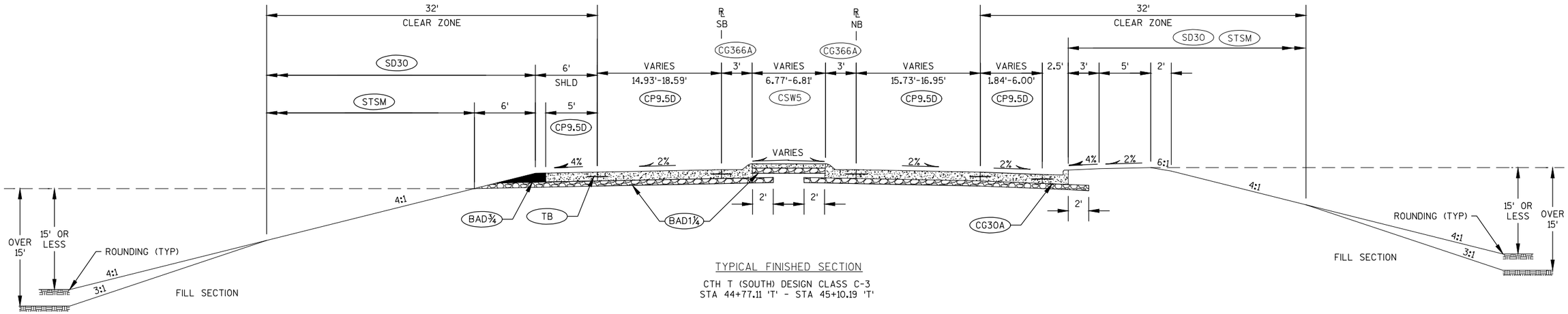
TYPICAL FINISHED SECTION

CTH T (SOUTH) DESIGN CLASS C-3
STA 41+20.17 'T' - STA 44+77.11 'T'

PROJECT NO:1021-01-72	HWY:IH 94	COUNTY:ST. CROIX	PLAN: TYPICAL SECTIONS	SHEET PRE_9	E

FILE NAME : X:\3230600\121622.01\TECH\CAD\10210102\SHEETSPLAN\020301_TS.DWG PLOT DATE : 8/27/2013 2:36 PM PLOT BY : DAVID YAHNKE PLOT NAME : PLOT SCALE : 1 IN:10 FT

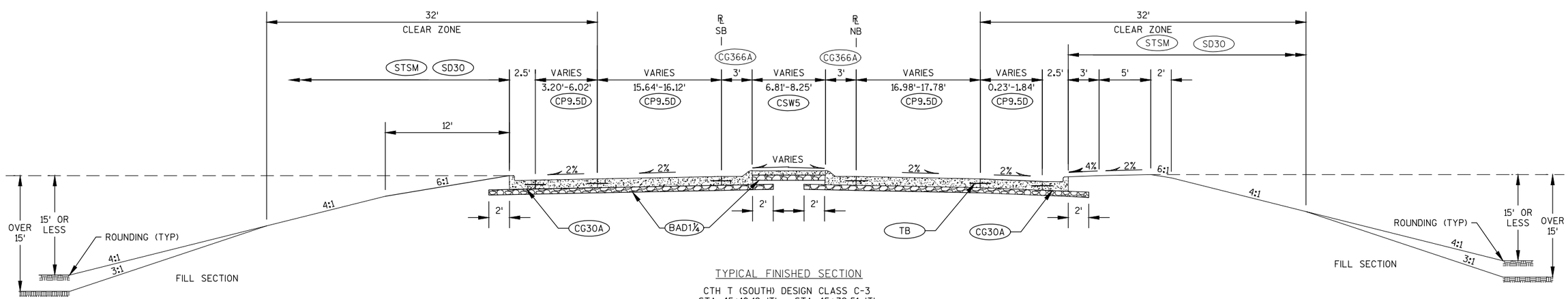
WISDOT/CADDS SHEET 42



TYPICAL FINISHED SECTION

CTH T (SOUTH) DESIGN CLASS C-3
STA 44+77.11 'T' - STA 45+10.19 'T'

CP9.5D	CONCRETE PAVEMENT HES 9½-INCH SPECIAL (DOWELED)
BAD1¼	6" BASE AGGREGATE DENSE 1¼-INCH
BAD¾	9½" BASE AGGREGATE DENSE ¾-INCH
CG30A	CONCRETE CURB AND GUTTER 30-INCH TYPE A
CG366A	CONCRETE CURB AND GUTTER 6-INCH SLOPED 36-INCH TYPE A
STSM	SALVAGED TOPSOIL AND MULCH
SD30	SEEDING MIXTURE NO 30, FERTILIZER TYPE B
CSW5	CONCRETE SIDEWALK 5-INCH
TB	TIE BAR

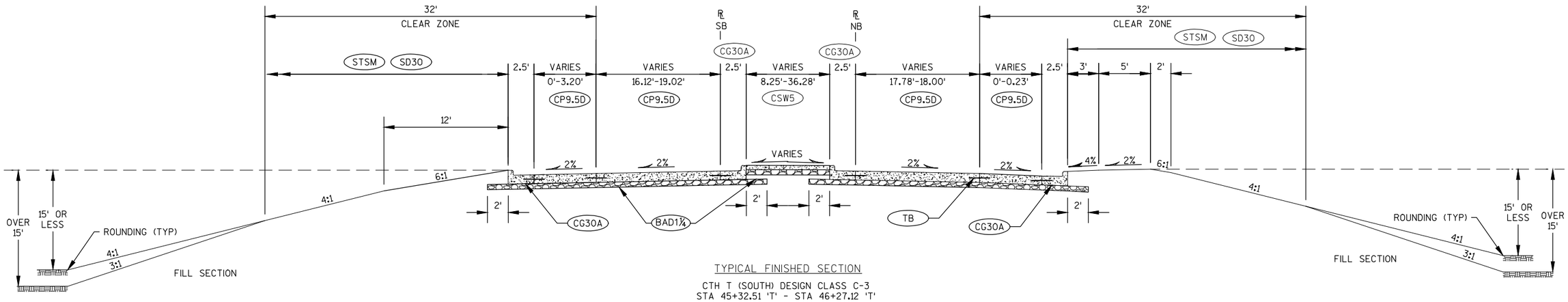


TYPICAL FINISHED SECTION

CTH T (SOUTH) DESIGN CLASS C-3
STA 45+10.19 'T' - STA 45+32.51 'T'

PROJECT NO:1021-01-72	HWY:IH 94	COUNTY:ST. CROIX	PLAN: TYPICAL SECTIONS	SHEET PRE_10	E

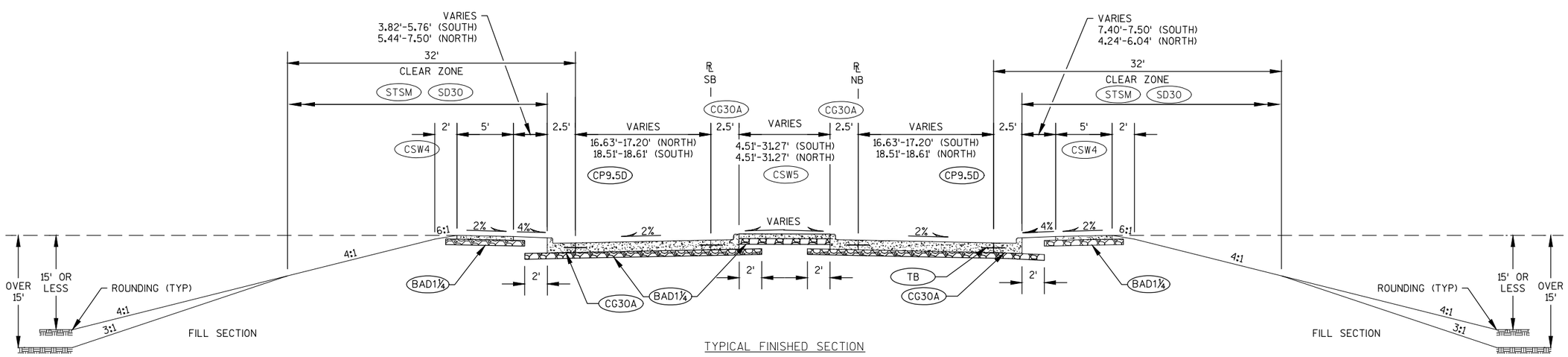
FILE NAME : X:\3230600\121622.01\TECH\CAD\10210102\SHEETSPLAN\020301_TS.DWG PLOT DATE : 8/27/2013 2:36 PM PLOT BY : DAVID YAHNKE PLOT NAME : PLOT SCALE : 1 IN:10 FT



TYPICAL FINISHED SECTION

CTH T (SOUTH) DESIGN CLASS C-3
STA 45+32.51 'T' - STA 46+27.12 'T'

CP9.5D	CONCRETE PAVEMENT HES 9½-INCH SPECIAL (DOWELED)
BAD1¼	6" BASE AGGREGATE DENSE 1¼-INCH
CG30A	CONCRETE CURB AND GUTTER 30-INCH TYPE A
STSM	SALVAGED TOPSOIL AND MULCH
SD30	SEEDING MIXTURE NO 30, FERTILIZER TYPE B
CSW4	CONCRETE SIDEWALK 4-INCH
CSW5	CONCRETE SIDEWALK 5-INCH
TB	TIE BAR



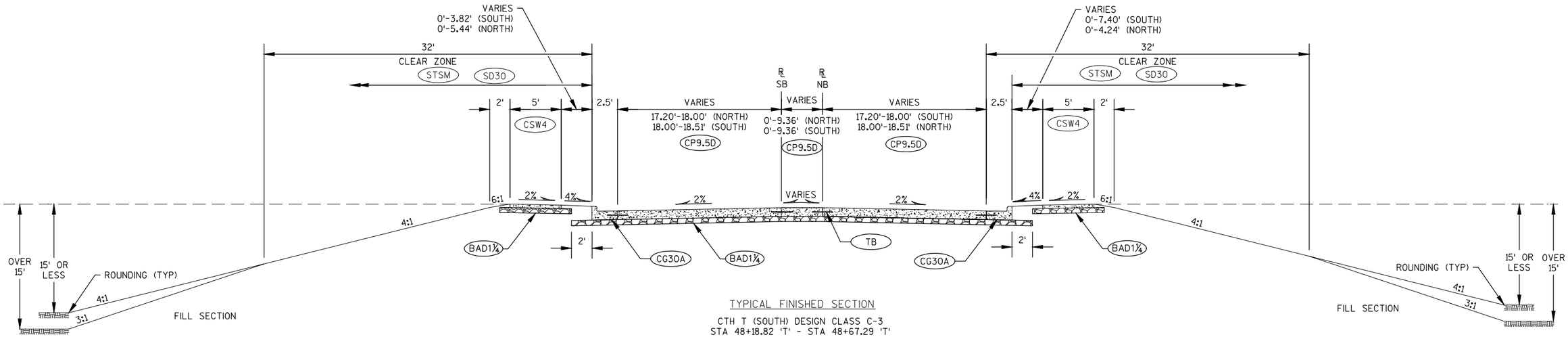
TYPICAL FINISHED SECTION

CTH T (SOUTH) DESIGN CLASS C-3
STA 47+83.12 'T' - STA 48+18.82 'T'

CTH T (NORTH) DESIGN CLASS C-3
STA 51+79.55 'T' - STA 52+15.25 'T'

PROJECT NO:1021-01-72	HWY:IH 94	COUNTY:ST. CROIX	PLAN: TYPICAL SECTIONS	SHEET PRE_11 E

FILE NAME : X:\3230600\121622.01\TECH\CAD\10210102\SHEETSPLAN\020301_TS.DWG PLOT DATE : 8/27/2013 2:36 PM PLOT BY : DAVID YAHNKE PLOT NAME : PLOT SCALE : 1 IN:10 FT

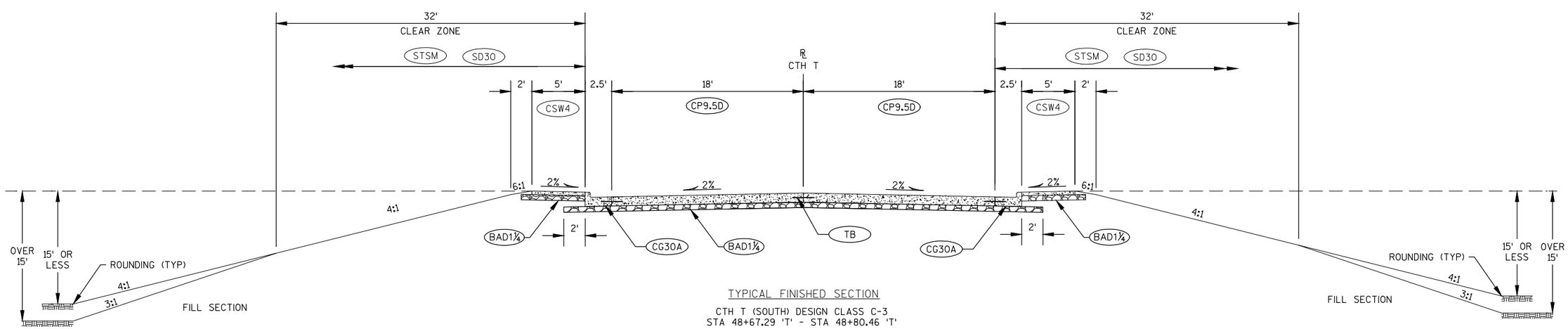


TYPICAL FINISHED SECTION

CTH T (SOUTH) DESIGN CLASS C-3
STA 48+18.82 'T' - STA 48+67.29 'T'

CTH T (NORTH) DESIGN CLASS C-4
STA 51+33.29 'T' - STA 51+79.55 'T'

CP9.5D	CONCRETE PAVEMENT HES 9½-INCH SPECIAL (DOWELED)
BAD1¼	6" BASE AGGREGATE DENSE 1¼-INCH
CG30A	CONCRETE CURB AND GUTTER 30-INCH TYPE A
STSM	SALVAGED TOPSOIL AND MULCH
SD30	SEEDING MIXTURE NO 30, FERTILIZER TYPE B
CSW4	CONCRETE SIDEWALK 4-INCH
TB	TIE BAR



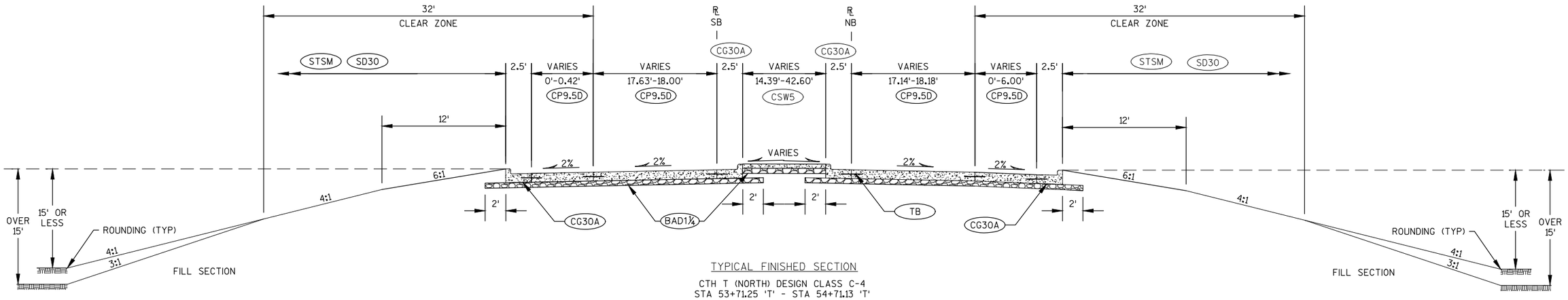
TYPICAL FINISHED SECTION

CTH T (SOUTH) DESIGN CLASS C-3
STA 48+67.29 'T' - STA 48+80.46 'T'

PROJECT NO:1021-01-72	HWY:IH 94	COUNTY:ST. CROIX	PLAN: TYPICAL SECTIONS	SHEET E

FILE NAME : X:\3230600\121622.01\TECH\CAD\10210102\SHEETSPLAN\020301_TS.DWG PLOT DATE : 8/27/2013 2:36 PM PLOT BY : DAVID YAHNKE PLOT NAME : PLOT SCALE : 1 IN:10 FT

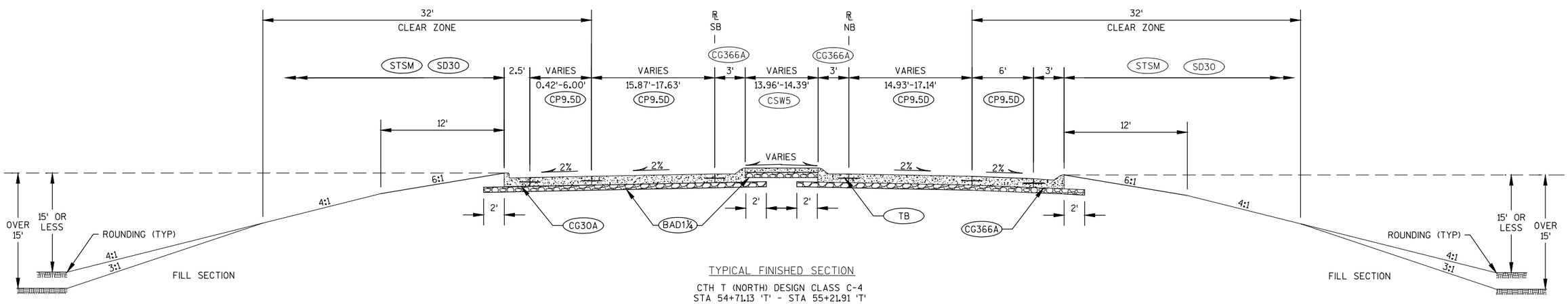
PRE_12



TYPICAL FINISHED SECTION

CTH T (NORTH) DESIGN CLASS C-4
STA 53+71.25 'T' - STA 54+71.13 'T'

CP9.5D	CONCRETE PAVEMENT NES 9½-INCH SPECIAL (DOWELED)
BAD1¼	6" BASE AGGREGATE DENSE 1¼-INCH
CG30A	CONCRETE CURB AND GUTTER 30-INCH TYPE A
CG366A	CONCRETE CURB AND GUTTER 6-INCH SLOPED 36-INCH TYPE A
STSM	SALVAGED TOPSOIL AND MULCH
SD30	SEEDING MIXTURE NO 30, FERTILIZER TYPE B
CSW5	CONCRETE SIDEWALK 5-INCH
TB	TIE BAR

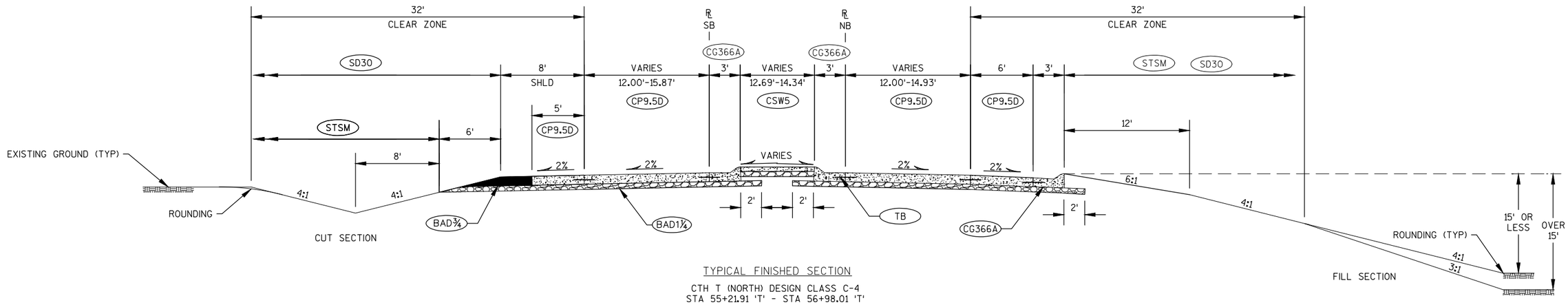


TYPICAL FINISHED SECTION

CTH T (NORTH) DESIGN CLASS C-4
STA 54+71.13 'T' - STA 55+21.91 'T'

PROJECT NO:1021-01-72	HWY:IH 94	COUNTY:ST. CROIX	PLAN: TYPICAL SECTIONS	SHEET PRE_13	E

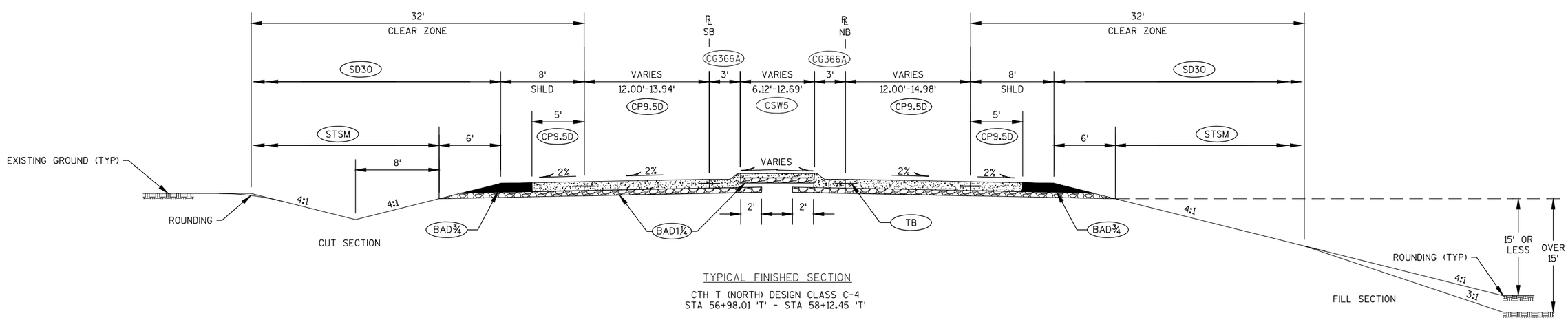
FILE NAME : X:\3230600\121622.01\TECH\CAD\10210102\SHEETSPLAN\020301_TS.DWG PLOT DATE : 8/27/2013 2:36 PM PLOT BY : DAVID YAHNKE PLOT NAME : PLOT SCALE : 1 IN:10 FT



TYPICAL FINISHED SECTION

CTH T (NORTH) DESIGN CLASS C-4
STA 55+21.91 'T' - STA 56+98.01 'T'

CP9.5D	CONCRETE PAVEMENT HES 9½-INCH SPECIAL (DOWELED)
BAD1¼	6" BASE AGGREGATE DENSE 1¼-INCH
BAD¾	9½" BASE AGGREGATE DENSE ¾-INCH
CG366A	CONCRETE CURB AND GUTTER 6-INCH SLOPED 36-INCH TYPE A
STSM	SALVAGED TOPSOIL AND MULCH
SD30	SEEDING MIXTURE NO 30, FERTILIZER TYPE B
CSW5	CONCRETE SIDEWALK 5-INCH
TB	TIE BAR

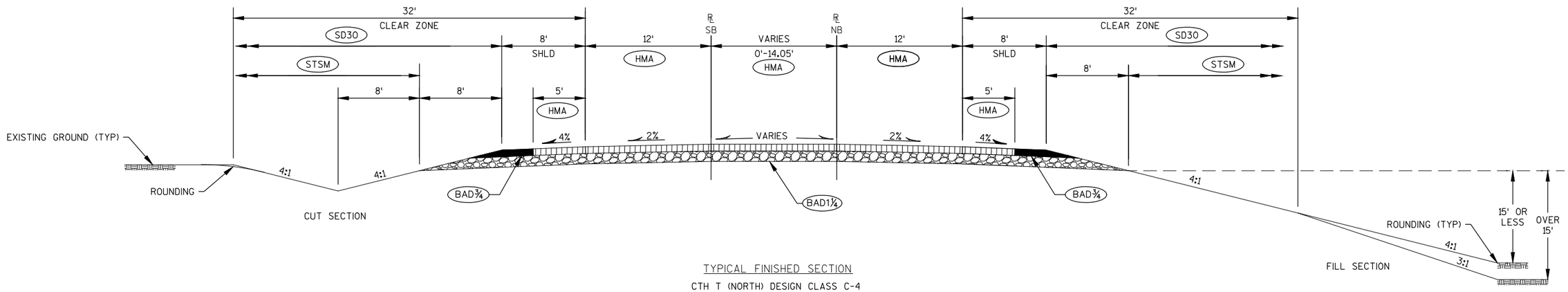


TYPICAL FINISHED SECTION

CTH T (NORTH) DESIGN CLASS C-4
STA 56+98.01 'T' - STA 58+12.45 'T'

PROJECT NO:1021-01-72	HWY:IH 94	COUNTY:ST. CROIX	PLAN: TYPICAL SECTIONS	SHEET PRE_14	E

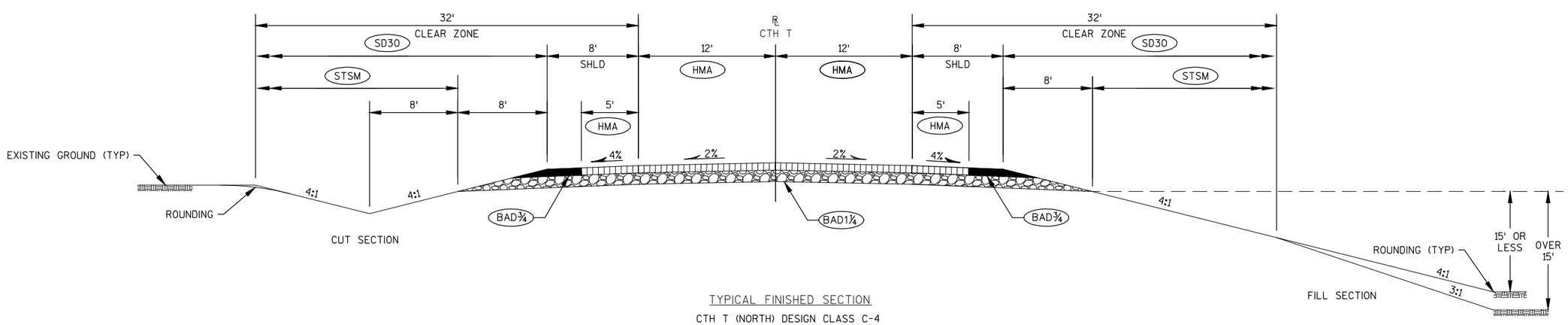
FILE NAME : X:\3230600\121622.01\TECH\CAD\10210102\SHEETSPLAN\020301_TS.DWG PLOT DATE : 8/27/2013 2:36 PM PLOT BY : DAVID YAHNKE PLOT NAME : PLOT SCALE : 1 IN:10 FT



TYPICAL FINISHED SECTION

CTH T (NORTH) DESIGN CLASS C-4
STA 58+12.45 'T' - STA 61+71.74 'T'

HMA	7¾" HMA PAVEMENT
BAD1¼	12" BASE AGGREGATE DENSE 1¼-INCH
BAD¾	7¾" BASE AGGREGATE DENSE ¾-INCH
SD30	SEEDING MIXTURE NO. 30,FERTILIZER TYPE B
STSM	SALVAGE TOPSOIL AND MULCH

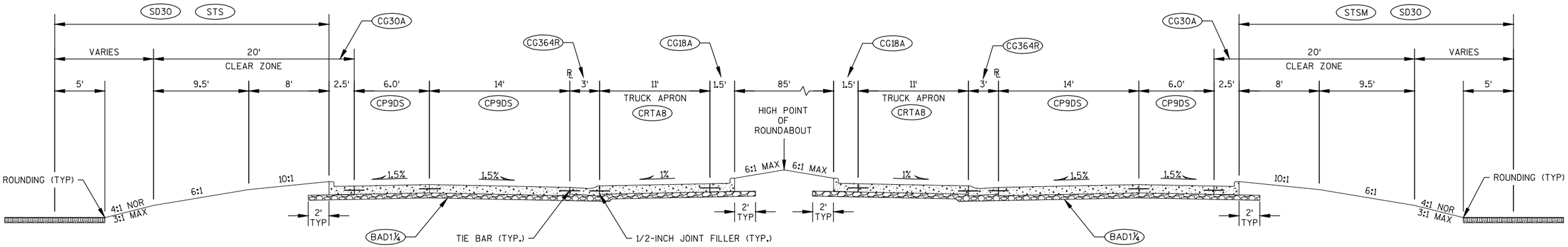


TYPICAL FINISHED SECTION

CTH T (NORTH) DESIGN CLASS C-4
STA 61+71.74 'T' - STA 65+10.00 'T'

PROJECT NO:1021-01-72	HWY:IH 94	COUNTY:ST. CROIX	PLAN: TYPICAL SECTIONS	SHEET PRE_15 E

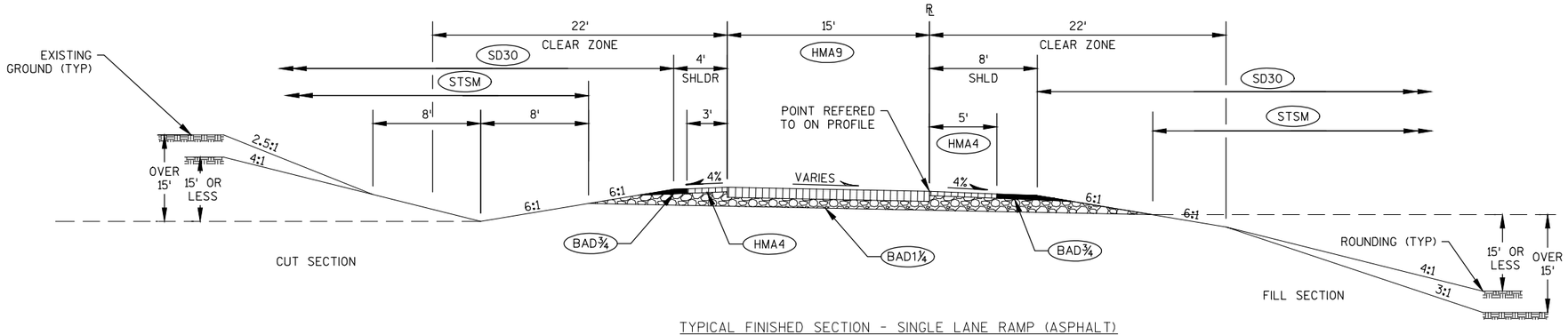
FILE NAME : X:\3230600\121622.01\TECH\CAD\10210102\SHEETSPLAN\020301_TS.DWG PLOT DATE : 8/27/2013 2:36 PM PLOT BY : DAVID YAHNKE PLOT NAME : PLOT SCALE : 1 IN:10 FT



FINISHED TYPICAL SECTION - CTH T (ROUNDABOUT SECTION)

STA 10+00.00 'RS' - STA 13+64.42 'RS'
STA 10+00.00 'RN' - STA 13+64.42 'RN'

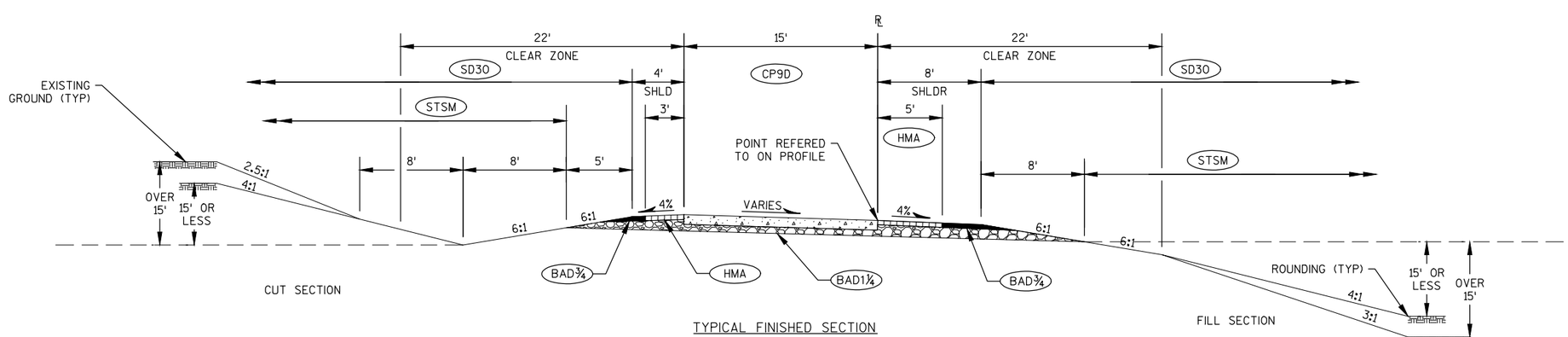
CRTA8	CONCRETE ROUNDABOUT TRUCK APRON HES 8-INCH SPECIAL
CP9DS	CONCRETE PAVEMENT HES 9½-INCH SPECIAL (DOWELED)
CG18A	CONCRETE CURB AND GUTTER 18-INCH, TYPE A (REJECT)
BAD1¼	6" BASE AGGREGATE DENSE 1¼-INCH
STSM	SALVAGED TOPSOIL AND MULCH
SD30	SEEDING MIXTURE NO 30, FERTILIZER TYPE B
CG30A	CONCRETE CURB AND GUTTER 30-INCH TYPE A
CG364R	CONCRETE CURB AND GUTTER 4-INCH SLOPED 36-INCH TYPE R



TYPICAL FINISHED SECTION - SINGLE LANE RAMP (ASPHALT)

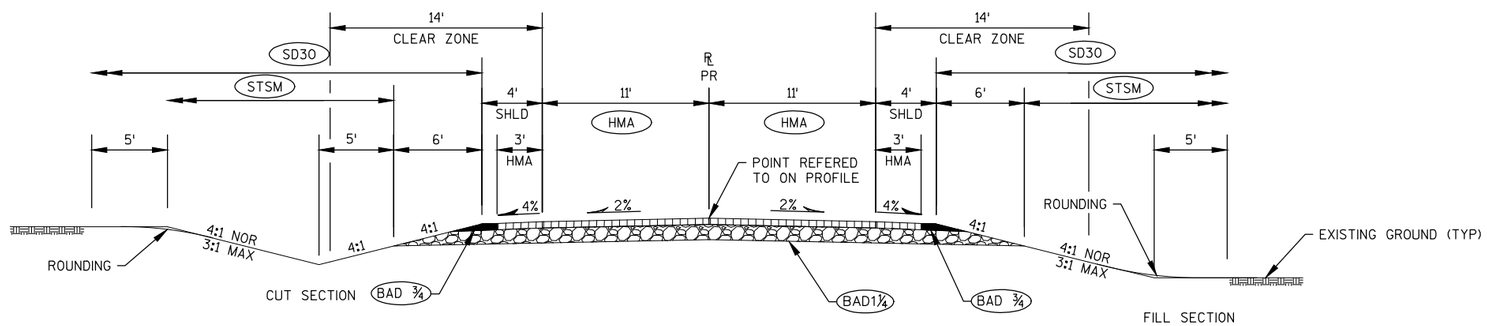
STA 10+00.00 'A' - STA 32+72.00 'A' (MIRROR TYPICAL)
STA 21+85.00 'B' - STA 27+38.70 'B' (MIRROR TYPICAL)
STA 10+00.00 'C' - STA 18+98.00 'C'
STA 19+33.00 'D' - STA 41+42.49 'D'

HMA4	4" HMA PAVEMENT
HMA9	9" HMA PAVEMENT
BAD1¼	8" BASE AGGREGATE DENSE 1¼-INCH
BAD¾	4" BASE AGGREGATE DENSE ¾-INCH
STSM	SALVAGED TOPSOIL AND MULCH
SD30	SEEDING MIXTURE NO 30, FERTILIZER TYPE B



TYPICAL FINISHED SECTION

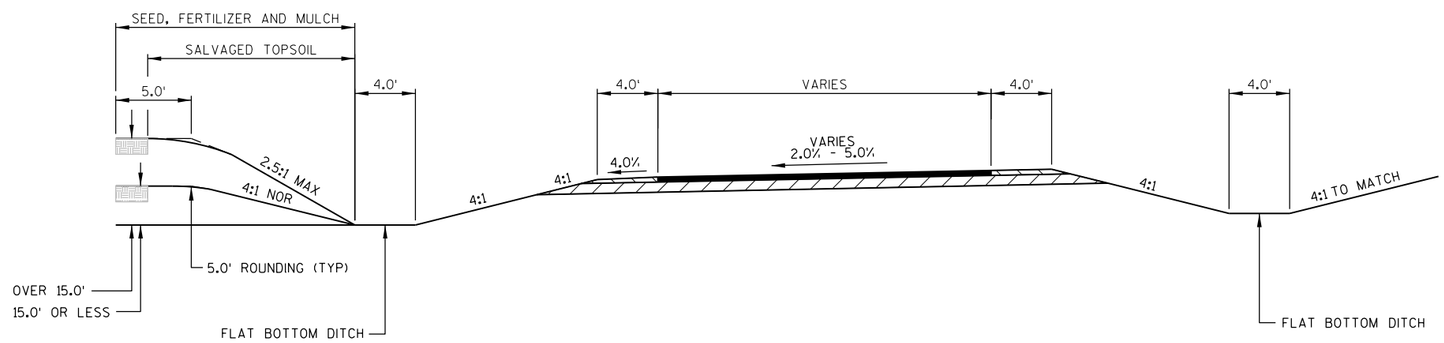
STA 32+72.00 'A' - STA 43+96.66 'A' (MIRROR TYPICAL)
STA 14+79.46 'B' - STA 21+85.00 'B' (MIRROR TYPICAL)
STA 18+98.00 'C' - STA 27+62.19 'C'
STA 11+66.63 'D' - STA 19+33.00 'D'



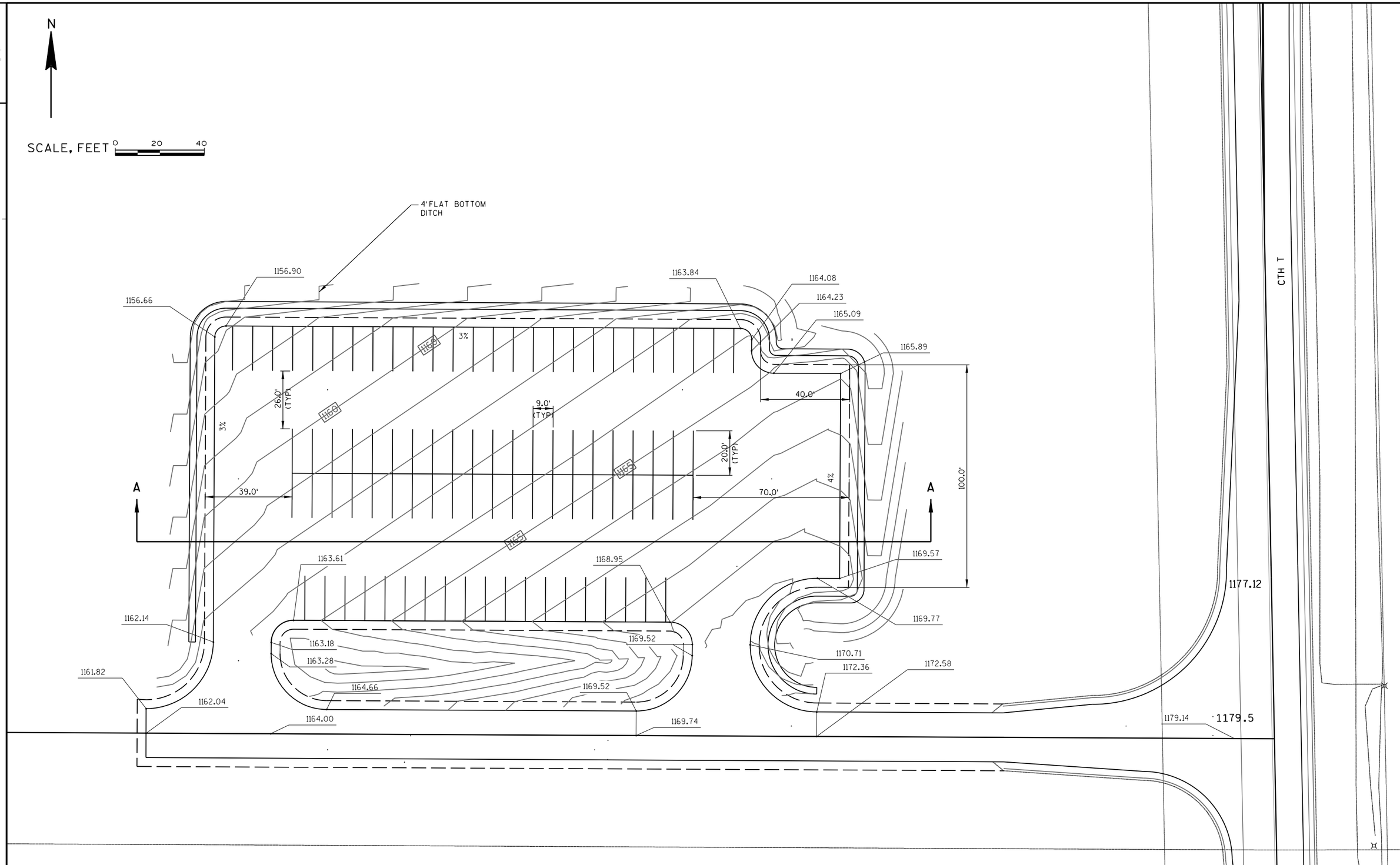
TYPICAL FINISHED SECTION

PARK AND RIDE ACCESS ROAD
STA 10+00.00 'PR' - STA 14+62.87 'PR'

HMA	5" HMA PAVEMENT
BAD1¼	12" BASE AGGREGATE DENSE 1¼-INCH
BAD ¾	5" BASE AGGREGATE DENSE ¾-INCH
SD30	SEEDING MIXTURE NO. 30,FERTILIZER TYPE B
STS	SALVAGE TOPSOIL AND MULCH



TYPICAL FINISHED SECTION
SECTION A-A
PARKING LOT PAVEMENT & SHOULDER



PROJECT NO:1021-01-72	HWY:IH 94	COUNTY:ST CROIX	GRADING AND DIMENSIONAL - PARK & RIDE	SHEET 1 OF 2	E

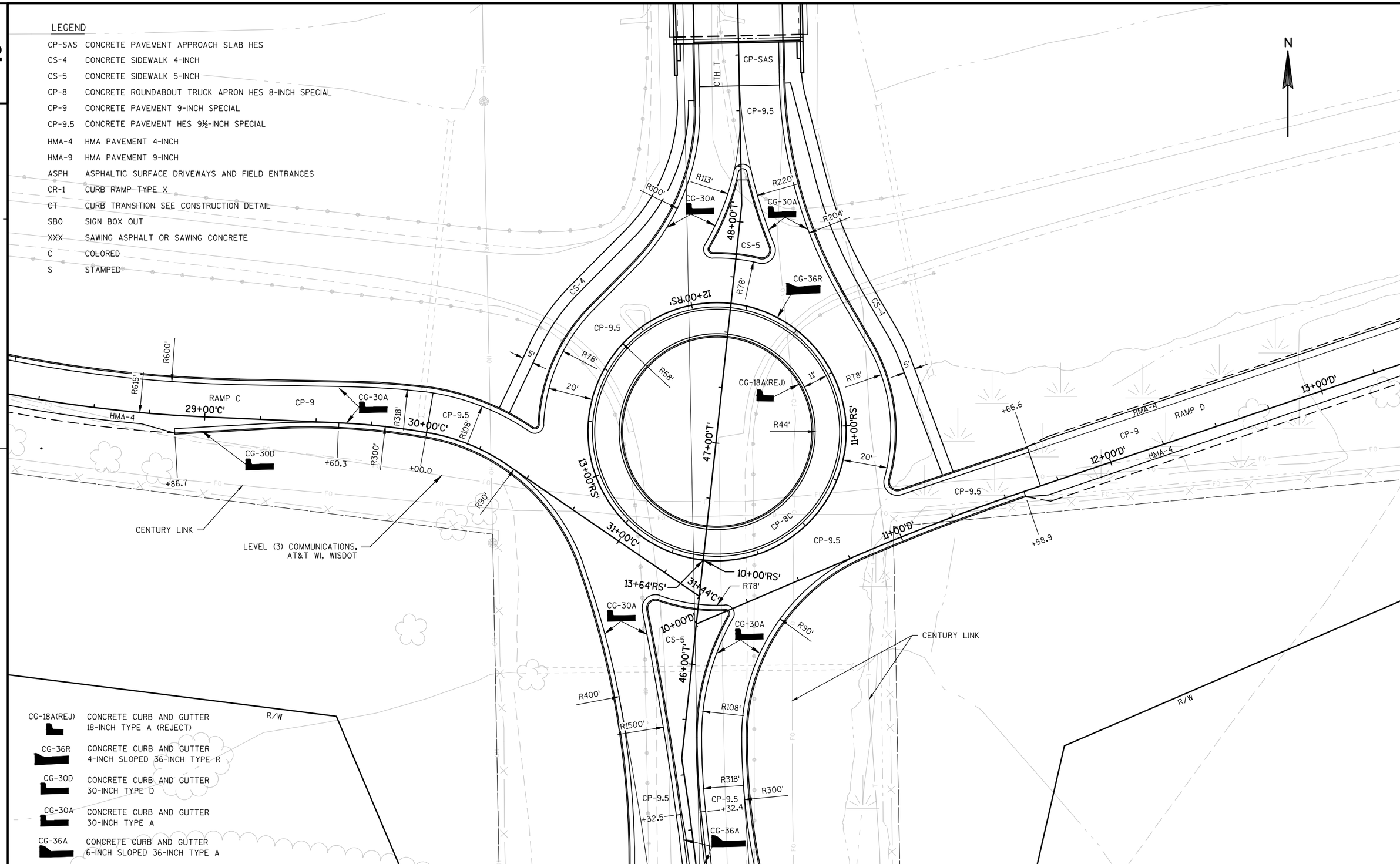
FILE NAME : P:\MEADH\12001 - I 94 & CTH T\Cad\Park and ride design\PLCTHT01.dgn PLOT DATE : 8/29/2013 PLOT BY : $$...plotuser...$$ PLOT NAME : PLOT SCALE : $$.....plotscale.....$$ WISDOT/CADDS SHEET 42

PRE_20

2

LEGEND

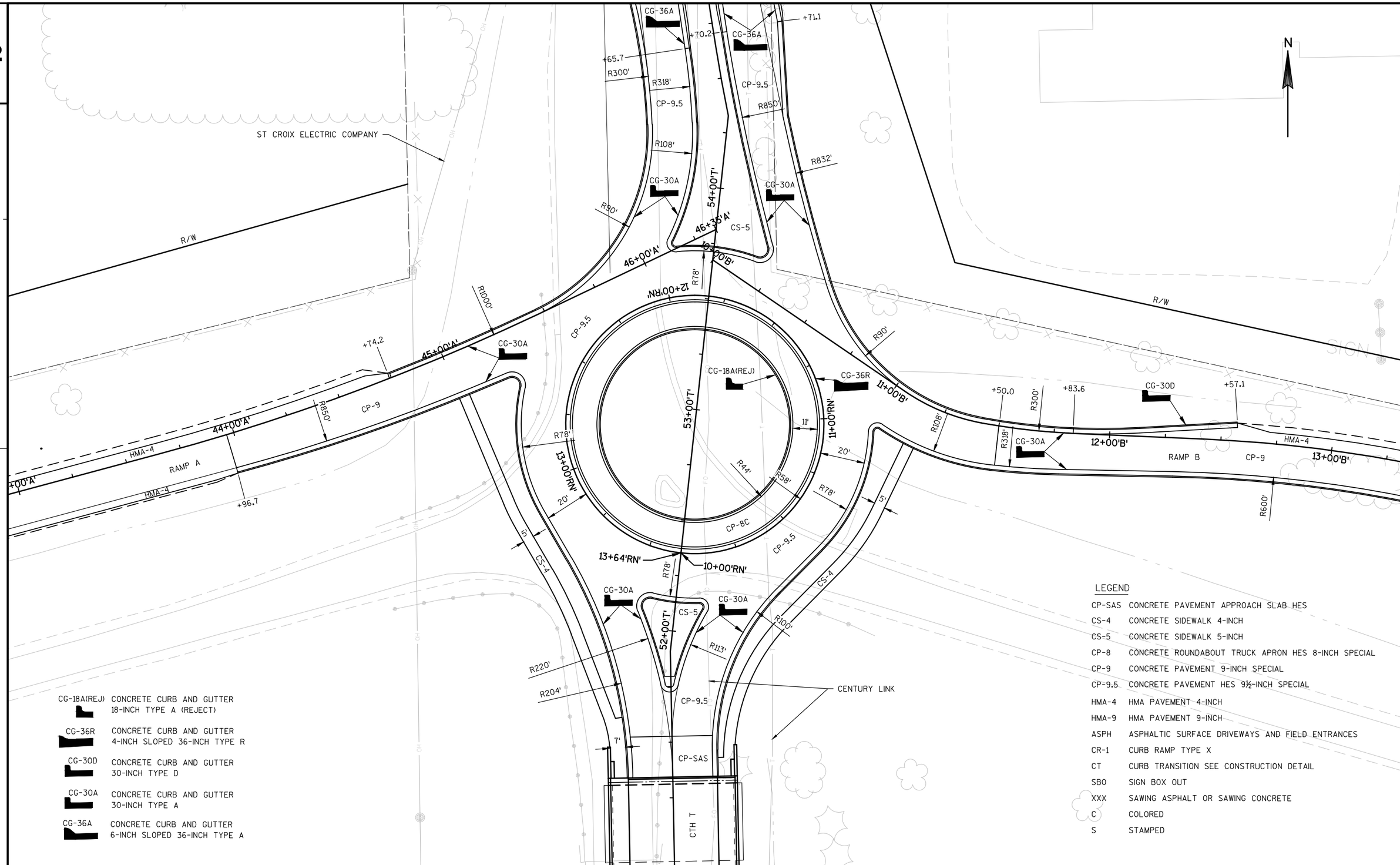
CP-SAS	CONCRETE PAVEMENT APPROACH SLAB HES
CS-4	CONCRETE SIDEWALK 4-INCH
CS-5	CONCRETE SIDEWALK 5-INCH
CP-8	CONCRETE ROUNDABOUT TRUCK APRON HES 8-INCH SPECIAL
CP-9	CONCRETE PAVEMENT 9-INCH SPECIAL
CP-9.5	CONCRETE PAVEMENT HES 9½-INCH SPECIAL
HMA-4	HMA PAVEMENT 4-INCH
HMA-9	HMA PAVEMENT 9-INCH
ASPH	ASPHALTIC SURFACE DRIVEWAYS AND FIELD ENTRANCES
CR-1	CURB RAMP TYPE X
CT	CURB TRANSITION SEE CONSTRUCTION DETAIL
SBO	SIGN BOX OUT
XXX	SAWING ASPHALT OR SAWING CONCRETE
C	COLORED
S	STAMPED



2

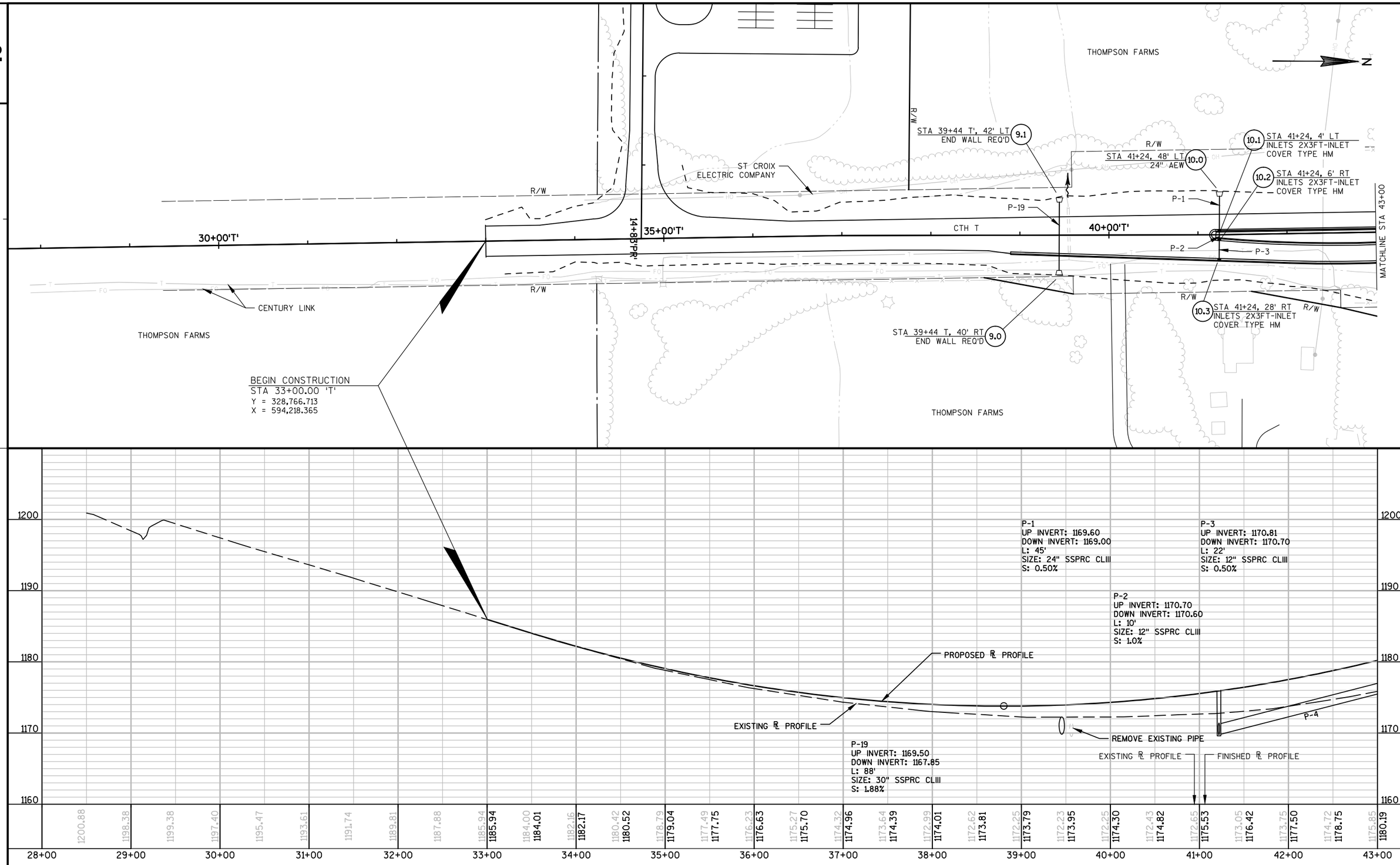
PROJECT NO:1021-01-72	HWY:IH 94	COUNTY:ST. CROIX	INTERSECTION DETAIL	SHEET E

FILE NAME : X:\3230600\121622.01\TECH\CAD\10210102\SHEETSPLAN\021101_ID.DWG PLOT DATE : 8/27/2013 2:37 PM PLOT BY : DAVID YAHNKE PLOT NAME : PLOT SCALE : 1 IN:40 FT



PROJECT NO:1021-01-72	HWY:IH 94	COUNTY:ST. CROIX	INTERSECTION DETAIL	SHEET E

FILE NAME : X:\3230600\121622.01\TECH\CAD\10210102\SHEETSPLAN\021101_ID.DWG PLOT DATE : 8/27/2013 2:37 PM PLOT BY : DAVID YAHNKE PLOT NAME : PLOT SCALE : 1 IN:40 FT

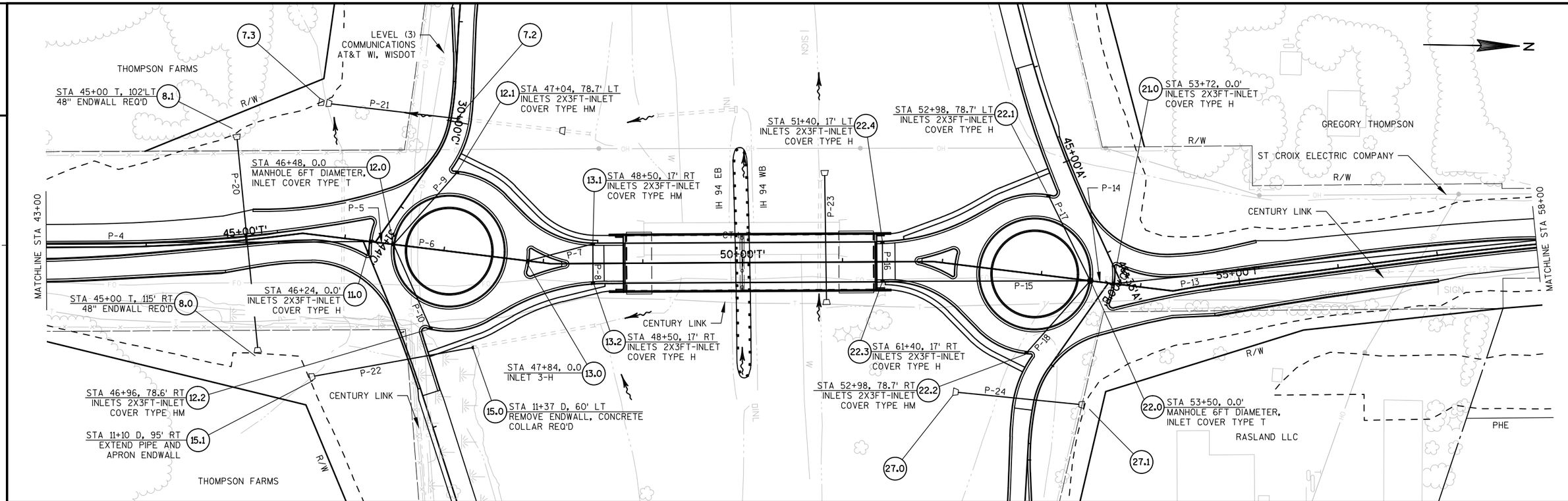


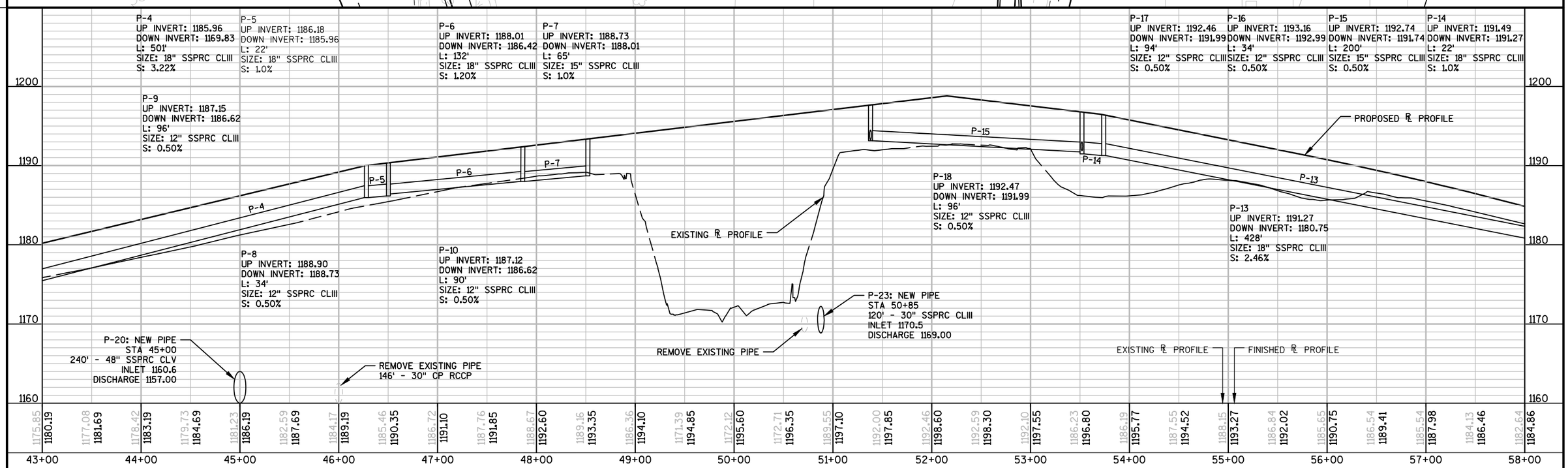
PROJECT NO:1021-01-72	HWY:IH 94	COUNTY:ST. CROIX	STORM SEWER/DRAINAGE	SHEET E

FILE NAME : X:\3230600\121622.01\TECH\CAD\10210102\SHEETSPLAN\022501_SS(CTH T).DWG PLOT DATE : 8/27/2013 2:38 PM PLOT BY : DAVID YAHNKE PLOT NAME : PLOT SCALE : 1 IN:100 FT

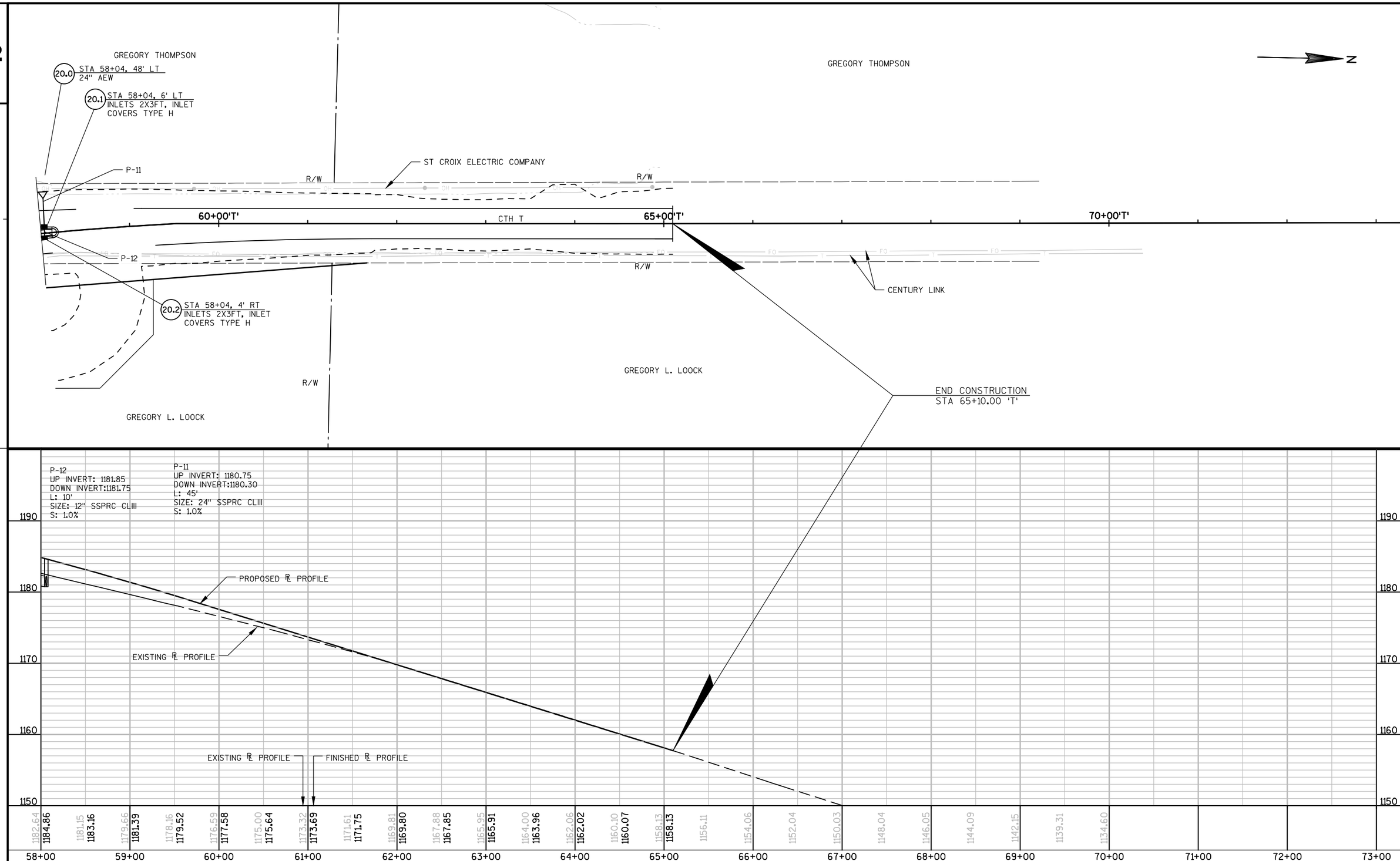
PRE_23

WISDOT/CADDS SHEET 44



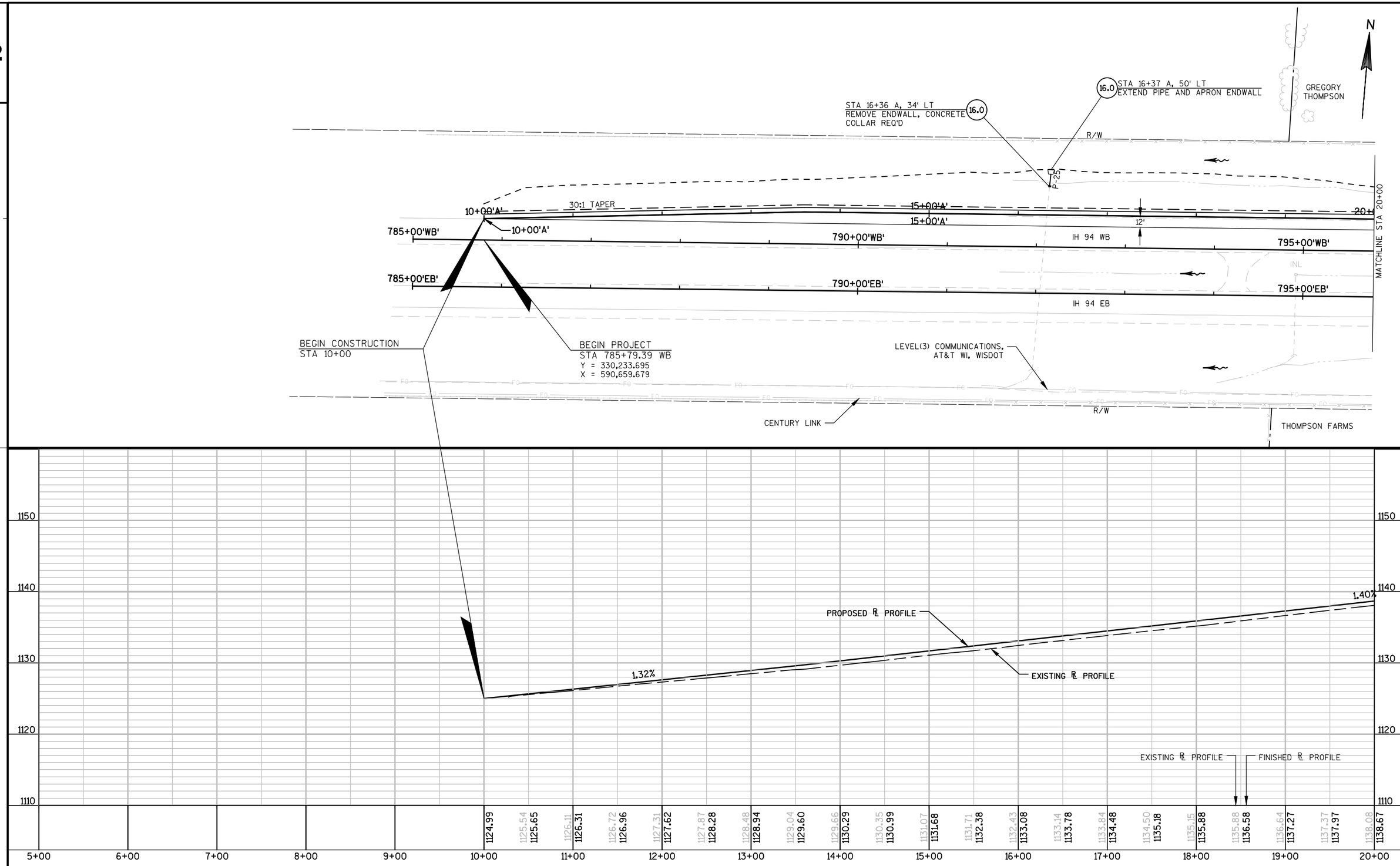


PROJECT NO:1021-01-72	HWY:IH 94	COUNTY:ST. CROIX	STORM SEWER/DRAINAGE	SHEET E



PROJECT NO:1021-01-72	HWY:IH 94	COUNTY:ST. CROIX	STORM SEWER/DRAINAGE	SHEET PRE_25 E

FILE NAME : X:\3230600\121622.01\TECH\CAD\10210102\SHEETSPLAN\022501_SS(CTH T).DWG PLOT DATE : 8/27/2013 2:38 PM PLOT BY : DAVID YAHNKE PLOT NAME : PLOT SCALE : 1 IN:100 FT



PROJECT NO:1021-01-72	HWY:IH 94	COUNTY:ST. CROIX	STORM SEWER/DRAINAGE	SHEET E

FILE NAME : X:\3230600\121622.01\TECH\CAD\10210102\SHEETSPLAN\022501_SS(RAMP A).DWG PLOT DATE : 8/27/2013 2:39 PM PLOT BY : DAVID YAHNKE PLOT NAME : PLOT SCALE : 1 IN:100 FT

2

GREGORY THOMPSON

GREGORY THOMPSON

N

STA 27+14 A, 19' LT
REMOVE ENDWALL, CONCRETE COLLAR REQ'D
17.0

17.1 STA 27+14 A, 28' LT
EXTEND PIPE AND APRON ENDWALL

STA 34+14 A, 17' RT
REMOVE ENDWALL, INLETS MEDIAN 2 GRATE, INLET COVER TYPE MS
19.0

STA 33+96 A, 36' RT
EXTEND PIPE AND APRON ENDWALL
19.1

R/W

MATCHLINE STA 20+00

MATCHLINE STA 35+00

SLOPE INTERCEPT

P-27

P-28

50:1 TAPER

+72.0

12'

15'

10'

25+00'A'

25+00'A'

30+00'A'

30+00'A'

ASPHALT

CONCRETE

RAMP A

800+00'WB'

805+00'WB'

IH 94 WB

+19.3

810+00'WB'

800+00'EB'

10+00'C'

805+00'EB'

IH 94 EB

810+00'EB'

15+00'C'

20+00'C'

LEVEL(3) COMMUNICATIONS, AT&T WI, WISDOT

SLOPE INTERCEPT

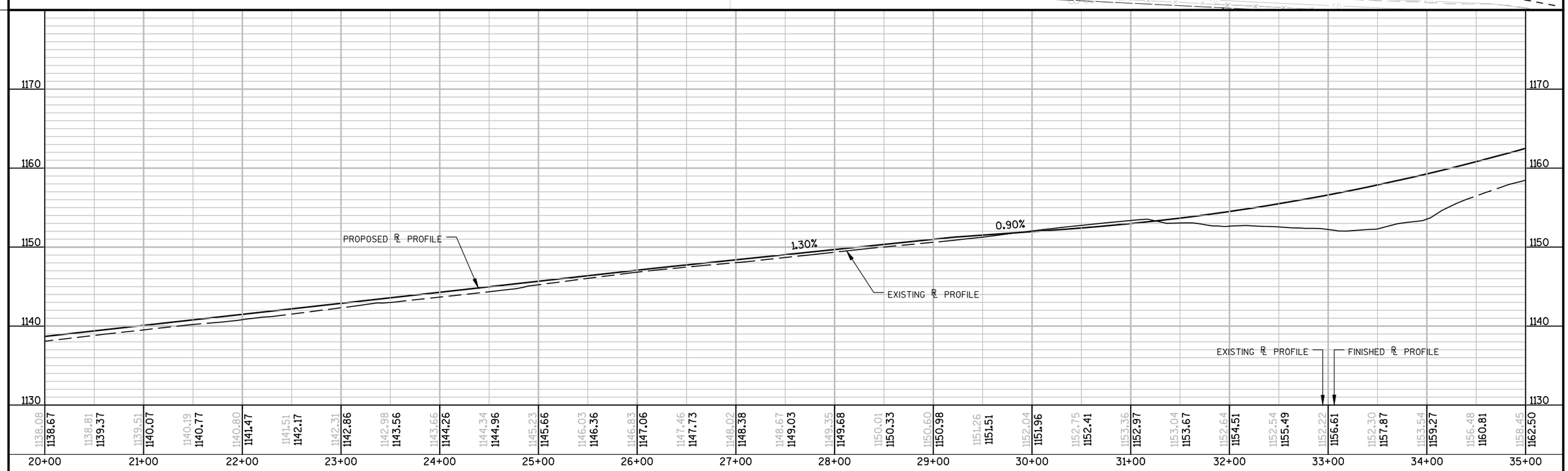
STA 12+94 C, 15.5' RT
REMOVE ENDWALL, CONCRETE COLLAR REQ'D
18.0

18.1 STA 12+54 C, 35' RT
EXTEND PIPE AND APRON ENDWALL

CENTURY LINK

THOMPSON FARMS

R/W



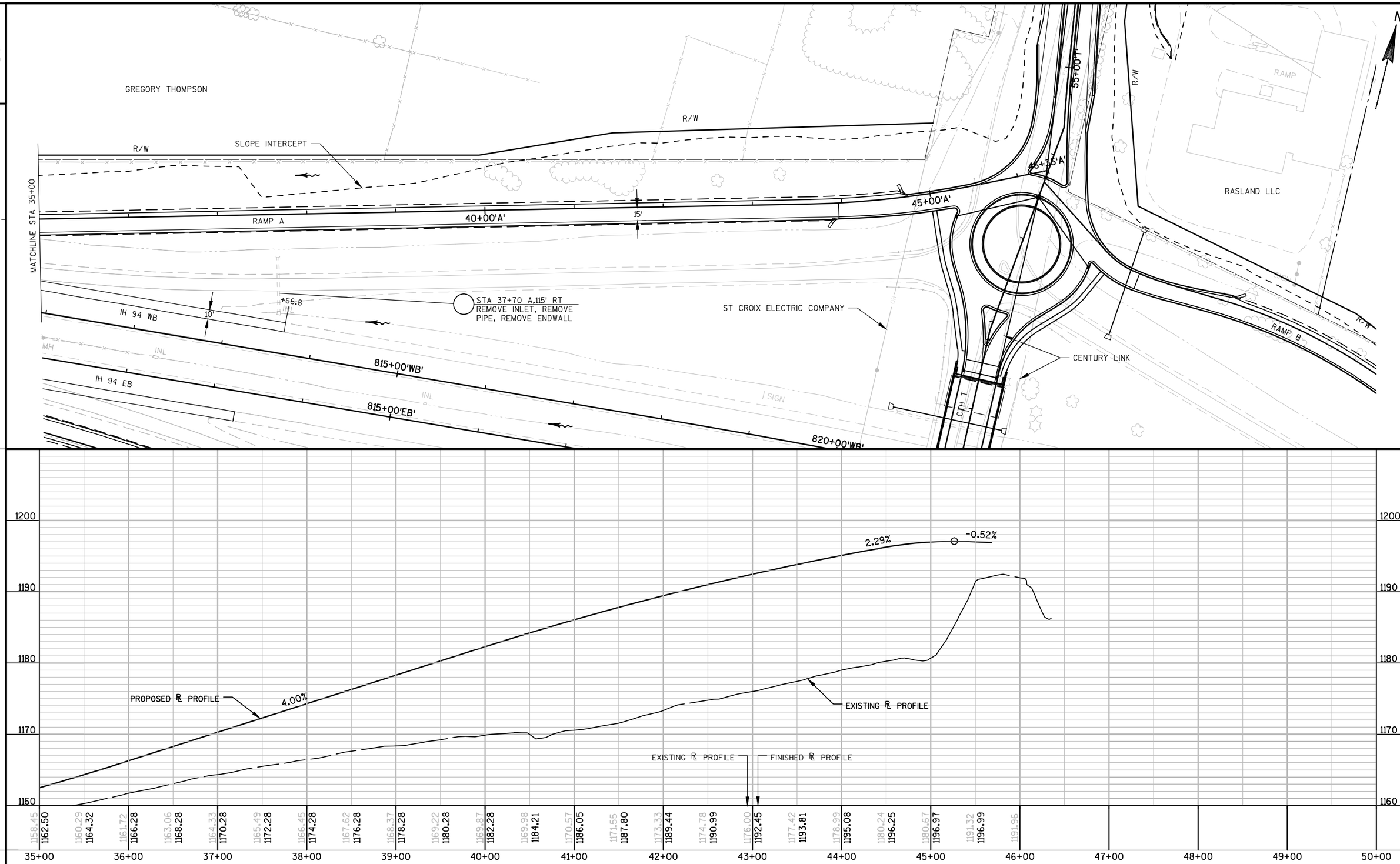
2

PROJECT NO:1021-01-72	HWY:IH 94	COUNTY:ST. CROIX	STORM SEWER/DRAINAGE	SHEET E

PRE_27

FILE NAME : X:\3230600\121622.01\TECH\CAD\10210102\SHEETSPLAN\022501_SS(RAMP A).DWG PLOT DATE : 8/27/2013 2:39 PM PLOT BY : DAVID YAHNKE PLOT NAME : PLOT SCALE : 1 IN:100 FT

WISDOT/CADDS SHEET 44

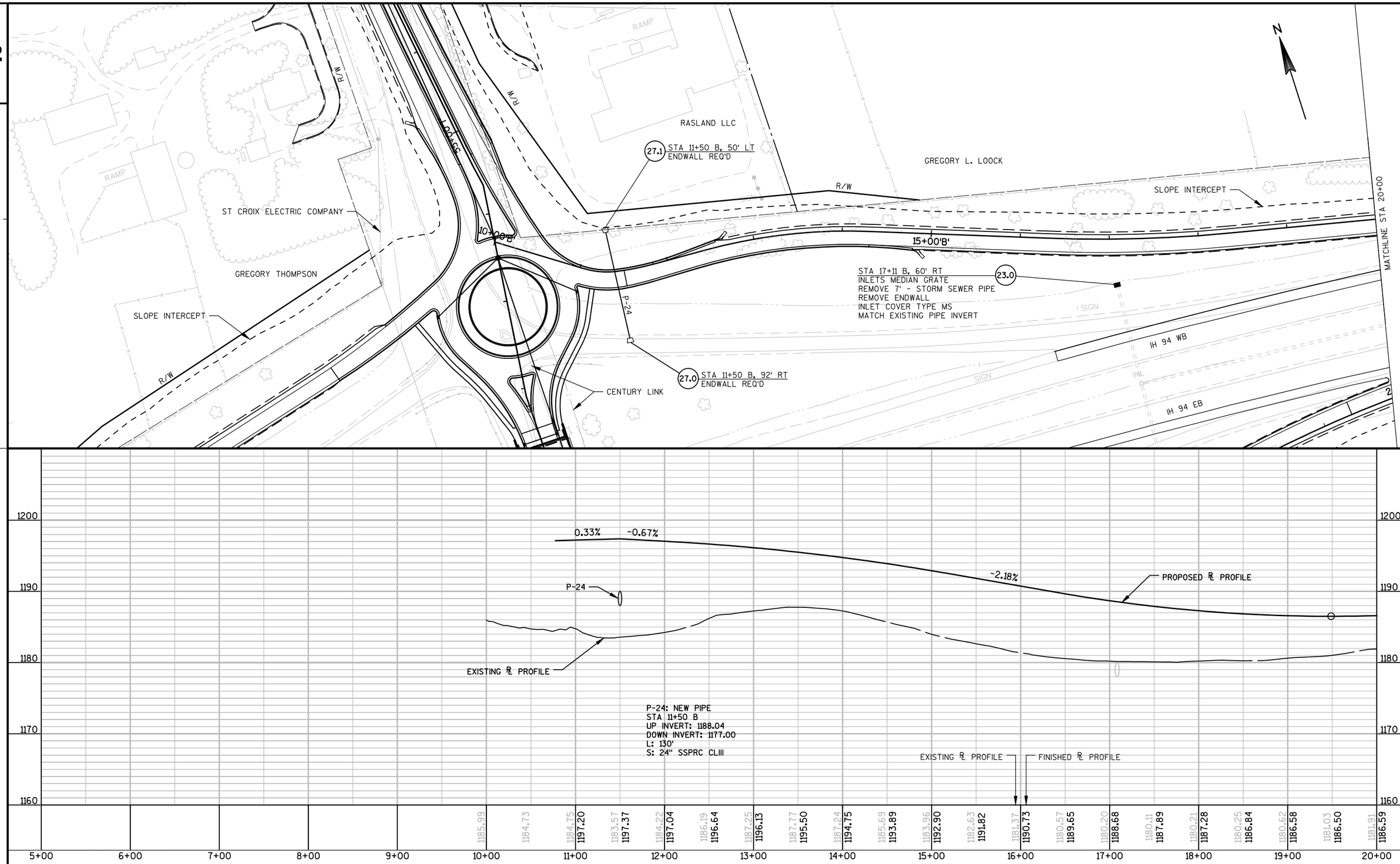


PROJECT NO:1021-01-72	HWY:IH 94	COUNTY:ST. CROIX	STORM SEWER/DRAINAGE	SHEET E

PRE_28

FILE NAME : X:\3230600\121622.01\TECH\CAD\10210102\SHEETSPLAN\022501_SS(RAMP A).DWG PLOT DATE : 8/27/2013 2:39 PM PLOT BY : DAVID YAHNKE PLOT NAME : PLOT SCALE : 1 IN:100 FT

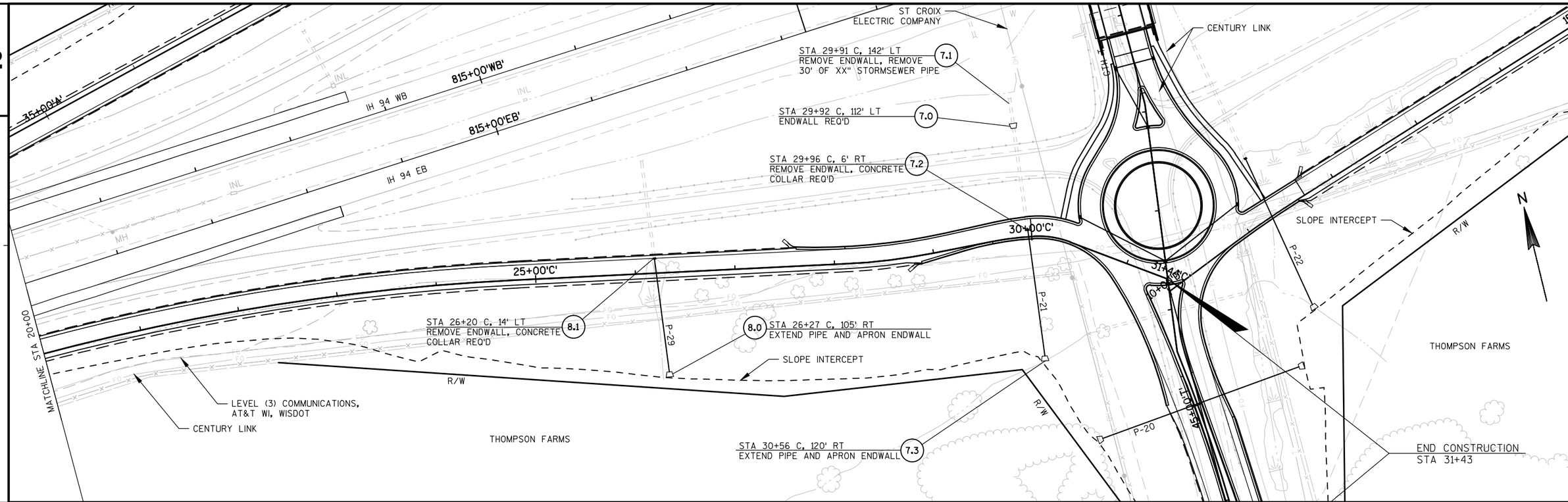
WISDOT/CADDS SHEET 44

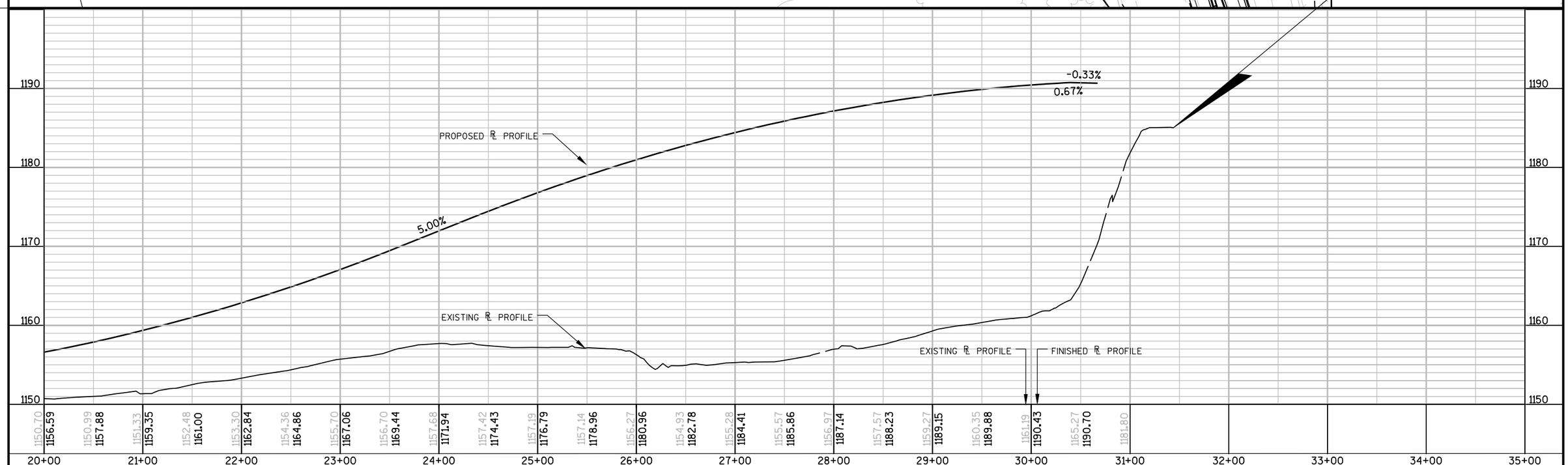


PROJECT NO:1021-01-72	HWY:IH 94	COUNTY:ST. CROIX	STORM SEWER/DRAINAGE	SHEET E

FILE NAME : X:\3230600\121622.01\TECH\CAD\10210102\SHEETSPLAN\022501_SS(RAMP B).DWG PLOT DATE : 8/27/2013 2:40 PM PLOT BY : DAVID YAHNKE PLOT NAME : PLOT SCALE : 1 IN:100 FT

2



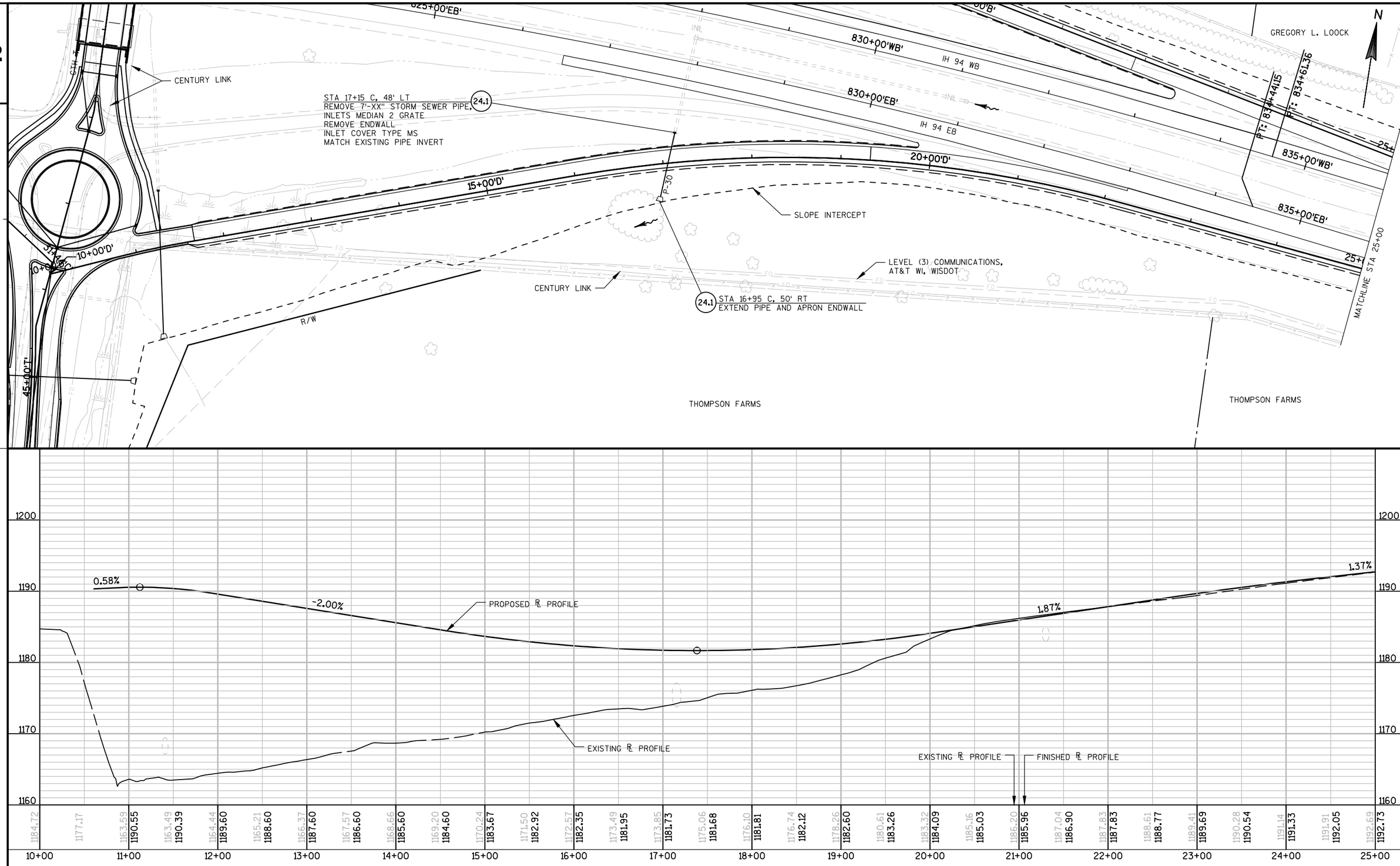


PROJECT NO:1021-01-72	HWY:IH 94	COUNTY:ST. CROIX	STORM SEWER/DRAINAGE	SHEET E

PRE_30

FILE NAME : X:\3230600\121622.01\TECH\CAD\10210102\SHEETSPLAN\022501_SS(RAMP C).DWG PLOT DATE : 8/27/2013 2:41 PM PLOT BY : DAVID YAHNKE PLOT NAME : PLOT SCALE : 1 IN:100 FT

WISDOT/CADDS SHEET 44



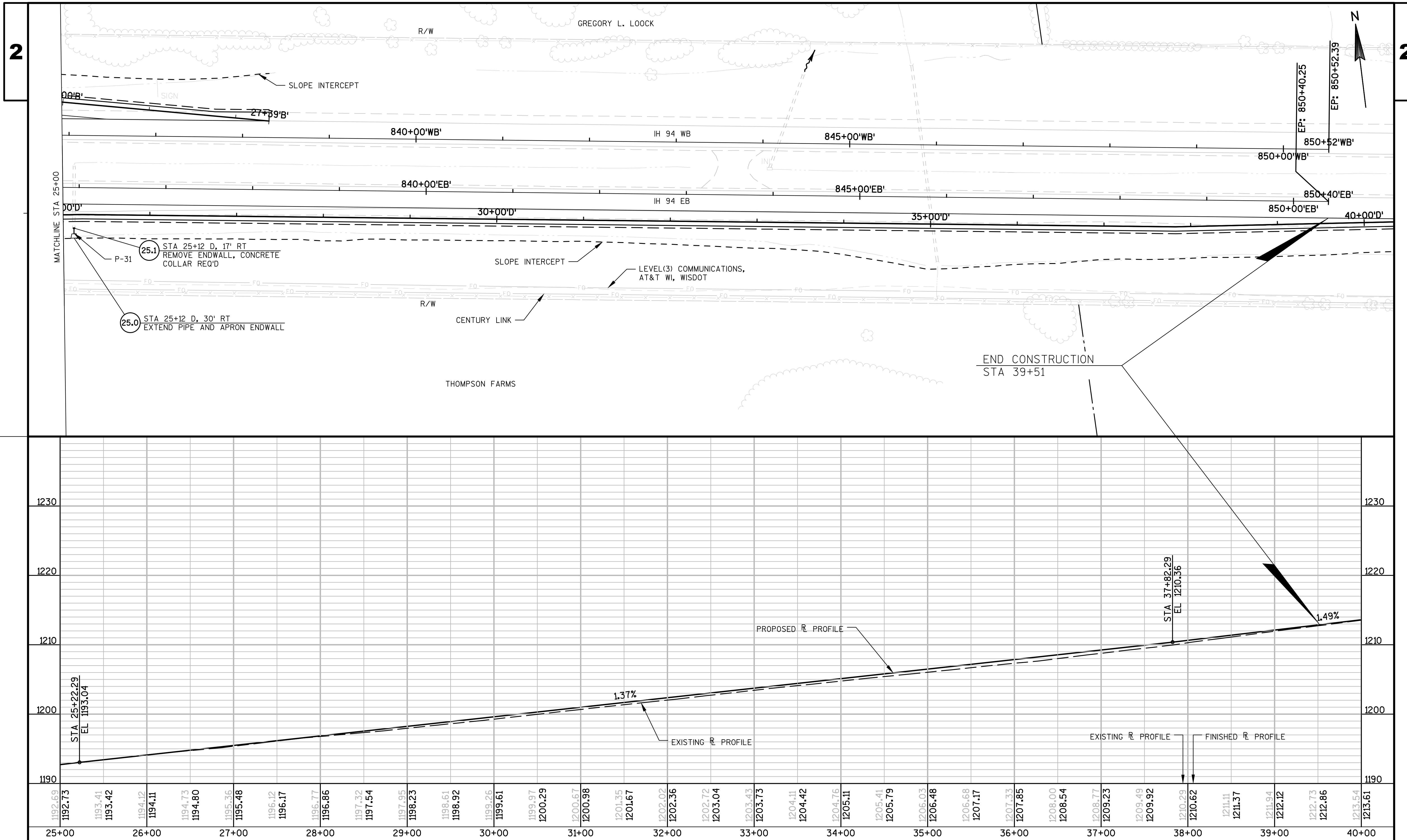
PROJECT NO:1021-01-72	HWY:IH 94	COUNTY:ST. CROIX	STORM SEWER/DRAINAGE	SHEET

E

PRE_31

FILE NAME : X:\3230600\121622.01\TECH\CAD\10210102\SHEETSPLAN\022501_SS(RAMP D).DWG PLOT DATE : 8/27/2013 2:41 PM PLOT BY : DAVID YAHNKE PLOT NAME : PLOT SCALE : 1 IN:100 FT

WISDOT/CADDS SHEET 44



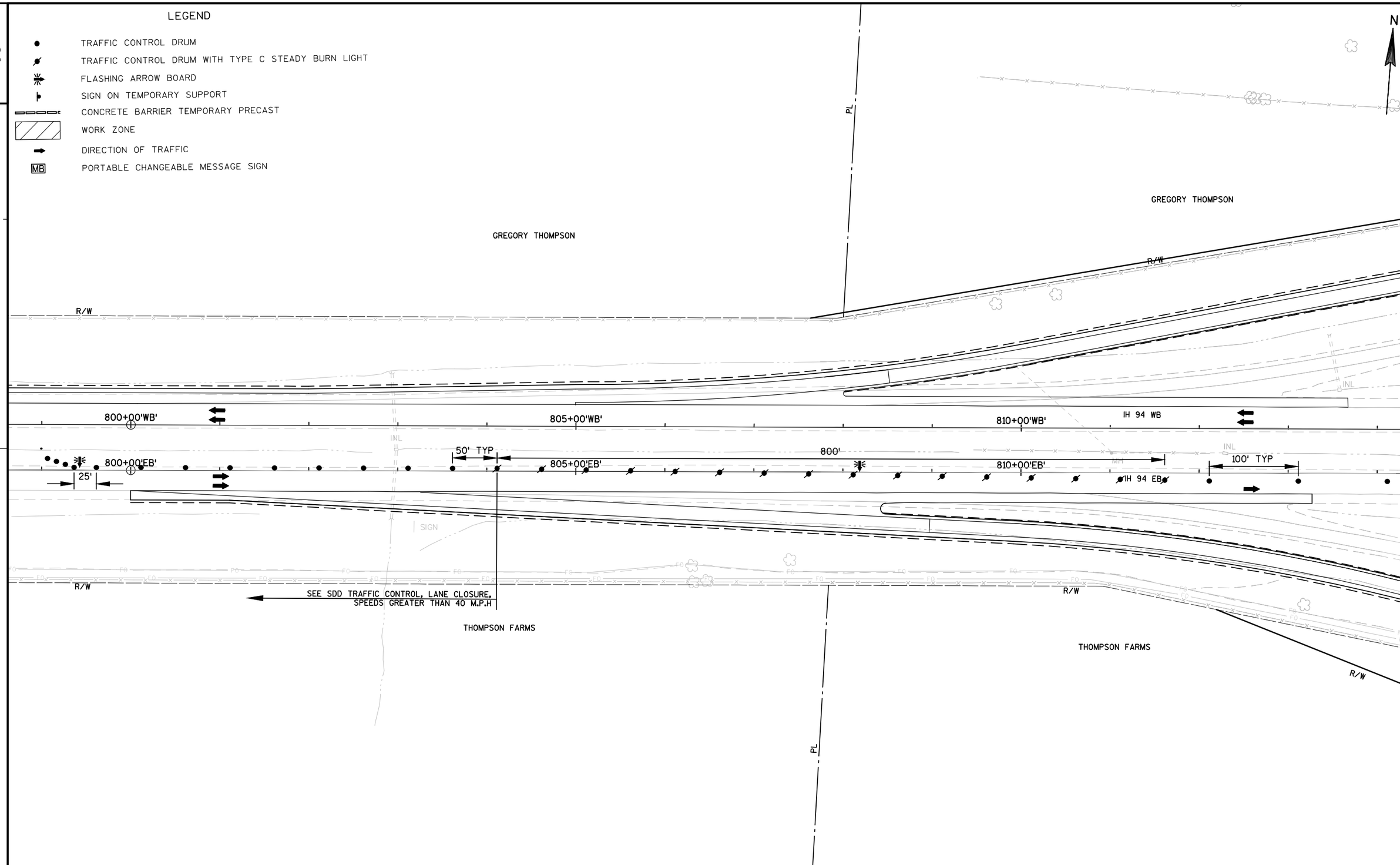
PROJECT NO:1021-01-72 | HWY:IH 94 | COUNTY:ST. CROIX | STORM SEWER/DRAINAGE | SHEET PRE_32 | E

FILE NAME : X:\3230600\121622.01\TECH\CAD\10210102\SHEETSPLAN\022501_SS (RAMP D).DWG PLOT DATE : 8/27/2013 2:42 PM PLOT BY : DAVID YAHNKE PLOT NAME : PLOT SCALE : 1 IN:100 FT

2

LEGEND

- TRAFFIC CONTROL DRUM
- TRAFFIC CONTROL DRUM WITH TYPE C STEADY BURN LIGHT
- FLASHING ARROW BOARD
- SIGN ON TEMPORARY SUPPORT
- CONCRETE BARRIER TEMPORARY PRECAST
- WORK ZONE
- DIRECTION OF TRAFFIC
- MB PORTABLE CHANGEABLE MESSAGE SIGN

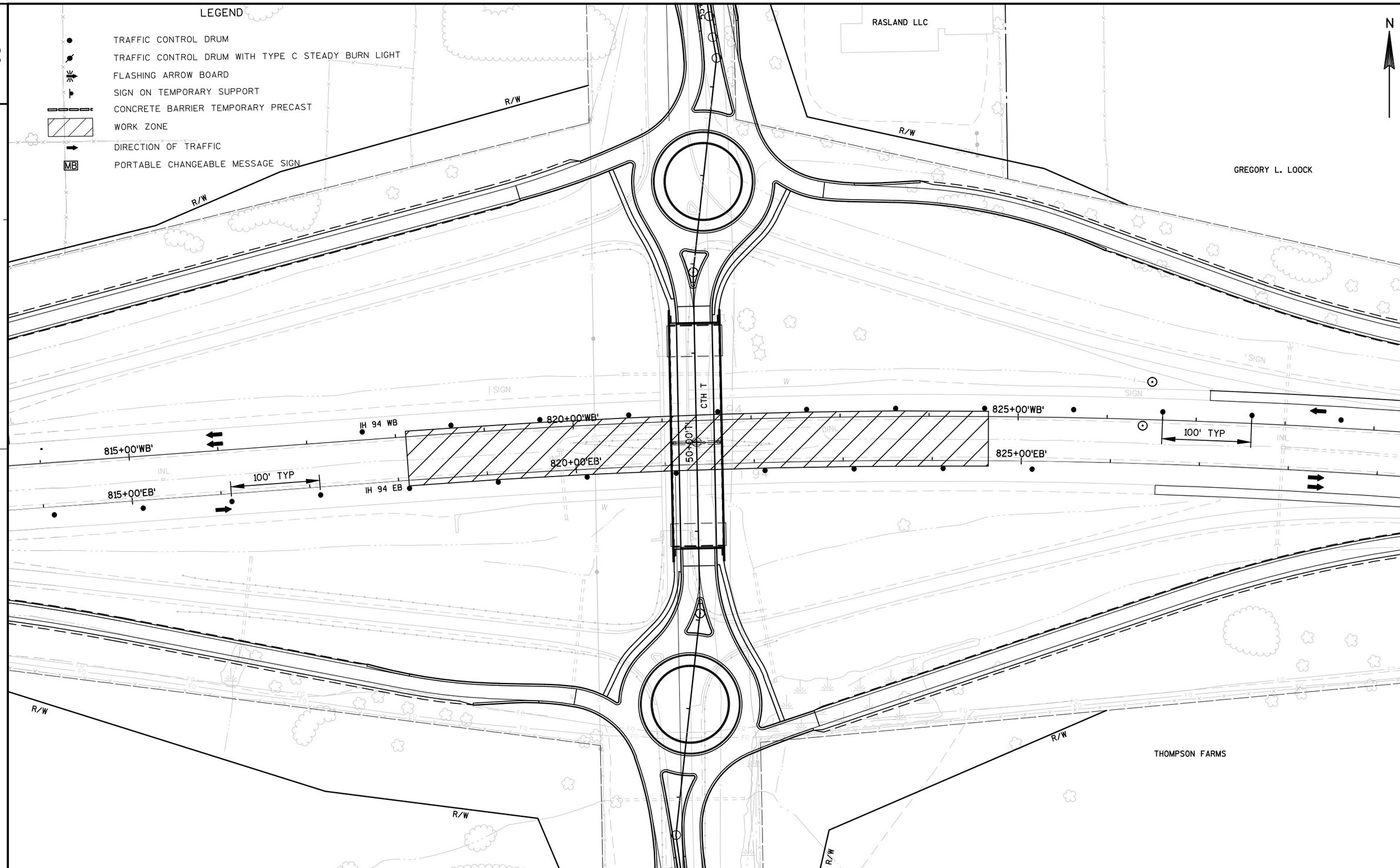


2

PROJECT NO:1021-01-72	HWY:IH 94	COUNTY:ST. CROIX	TRAFFIC CONTROL - IH 94 MEDIAN LANE CLOSURE	SHEET PRE_33	E

FILE NAME : X:\3230600\121622.01\TECH\CAD\10210102\SHEETSPLAN\025001_TC(IH94 MEDIAN LANE CLOSURE).DWG PLOT DATE : 8/27/2013 2:42 PM PLOT BY : DAVID YAHNKE PLOT NAME : PLOT SCALE : 1 IN:100 FT

WISDOT/CADDS SHEET 44



PROJECT NO:1021-01-72	HWY:IH 94	COUNTY:ST. CROIX	TRAFFIC CONTROL - IH 94 MEDIAN LANE CLOSURE	SHEET E

PRE_34

FILE NAME : X:\3230600\121622.01\TECH\CAD\10210102\SHEETSPLAN\025001_TC(IH94 MEDIAN LANE CLOSURE).DWG PLOT DATE : 8/27/2013 2:42 PM PLOT BY : DAVID YAHNKE PLOT NAME : PLOT SCALE : 1 IN:100 FT

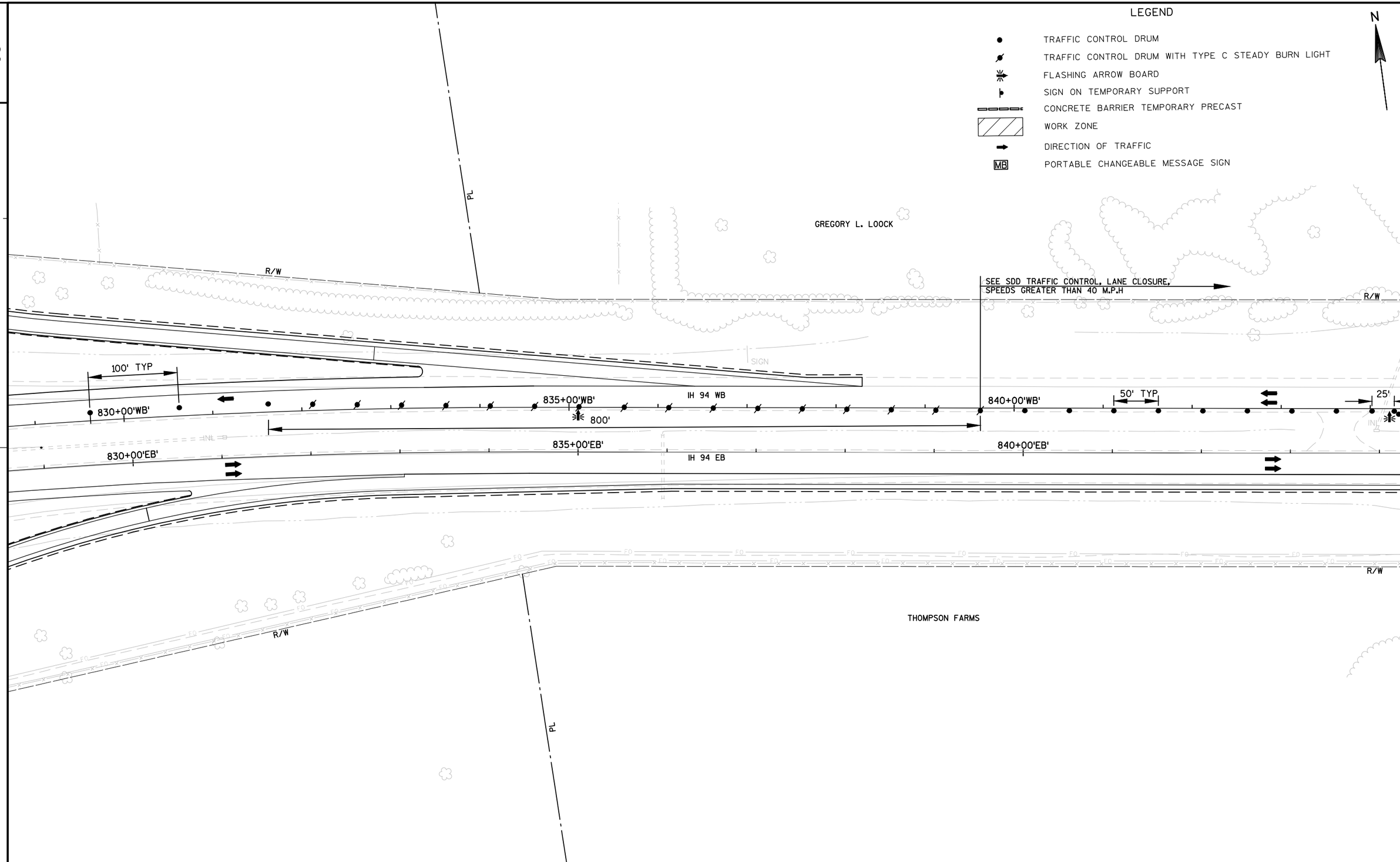
WISDOT/CADDS SHEET 44

2

LEGEND

- TRAFFIC CONTROL DRUM
- TRAFFIC CONTROL DRUM WITH TYPE C STEADY BURN LIGHT
- FLASHING ARROW BOARD
- SIGN ON TEMPORARY SUPPORT
- CONCRETE BARRIER TEMPORARY PRECAST
- WORK ZONE
- DIRECTION OF TRAFFIC
- MB PORTABLE CHANGEABLE MESSAGE SIGN

N

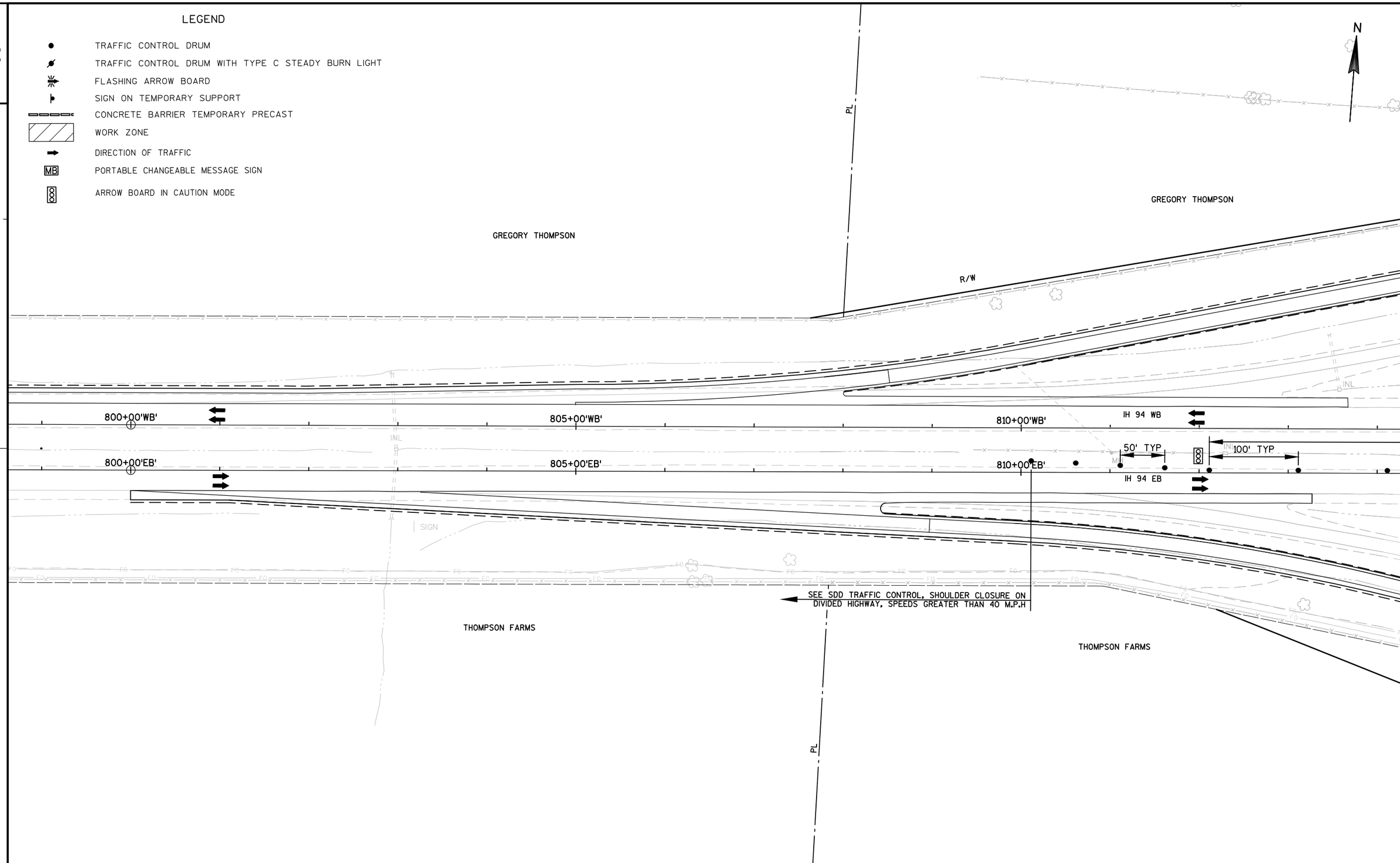


PROJECT NO:1021-01-72	HWY:IH 94	COUNTY:ST. CROIX	TRAFFIC CONTROL - IH 94 MEDIAN LANE CLOSURE	SHEET E

2

LEGEND

- TRAFFIC CONTROL DRUM
- TRAFFIC CONTROL DRUM WITH TYPE C STEADY BURN LIGHT
- FLASHING ARROW BOARD
- SIGN ON TEMPORARY SUPPORT
- CONCRETE BARRIER TEMPORARY PRECAST
- WORK ZONE
- DIRECTION OF TRAFFIC
- MB PORTABLE CHANGEABLE MESSAGE SIGN
- ARROW BOARD IN CAUTION MODE



2

PROJECT NO:1021-01-72	HWY:IH 94	COUNTY:ST. CROIX	TRAFFIC CONTROL - IH 94 MEDIAN SHOULDER CLOSURE	SHEET PRE_36	E

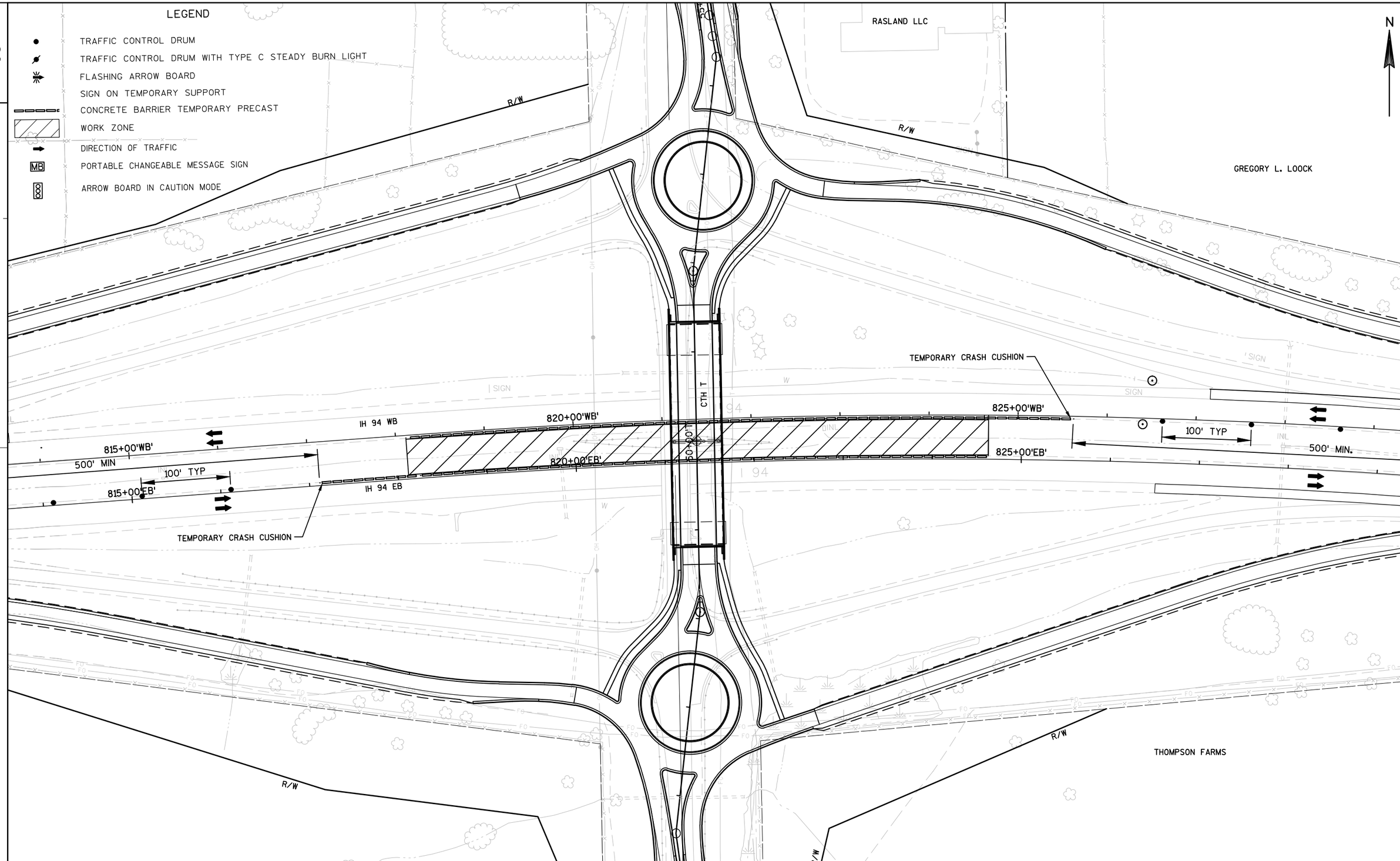
FILE NAME : X:\3230600\121622.01\TECH\CAD\10210102\SHEETSPLAN\025001_TC(IH 94 MEDIAN SHOULDER CLOSURE).DWG PLOT DATE : 8/27/2013 2:42 PM PLOT BY : DAVID YAHNKE PLOT NAME : PLOT SCALE : 1 IN:100 FT

WISDOT/CADDS SHEET 44

2

LEGEND

- TRAFFIC CONTROL DRUM
- TRAFFIC CONTROL DRUM WITH TYPE C STEADY BURN LIGHT
- FLASHING ARROW BOARD
- SIGN ON TEMPORARY SUPPORT
- CONCRETE BARRIER TEMPORARY PRECAST
- WORK ZONE
- DIRECTION OF TRAFFIC
- MB PORTABLE CHANGEABLE MESSAGE SIGN
- ARROW BOARD IN CAUTION MODE



2

PROJECT NO:1021-01-72	HWY:IH 94	COUNTY:ST. CROIX	TRAFFIC CONTROL - IH 94 MEDIAN SHOULDER CLOSURE	SHEET E

FILE NAME : X:\3230600\121622.01\TECH\CAD\10210102\SHEETSPLAN\025001_TC(IH 94 MEDIAN SHOULDER CLOSURE).DWG PLOT DATE : 9/3/2008 9:36 AM PLOT BY : DAVID YAHNKE PLOT NAME : PLOT SCALE : 1 IN:100 FT

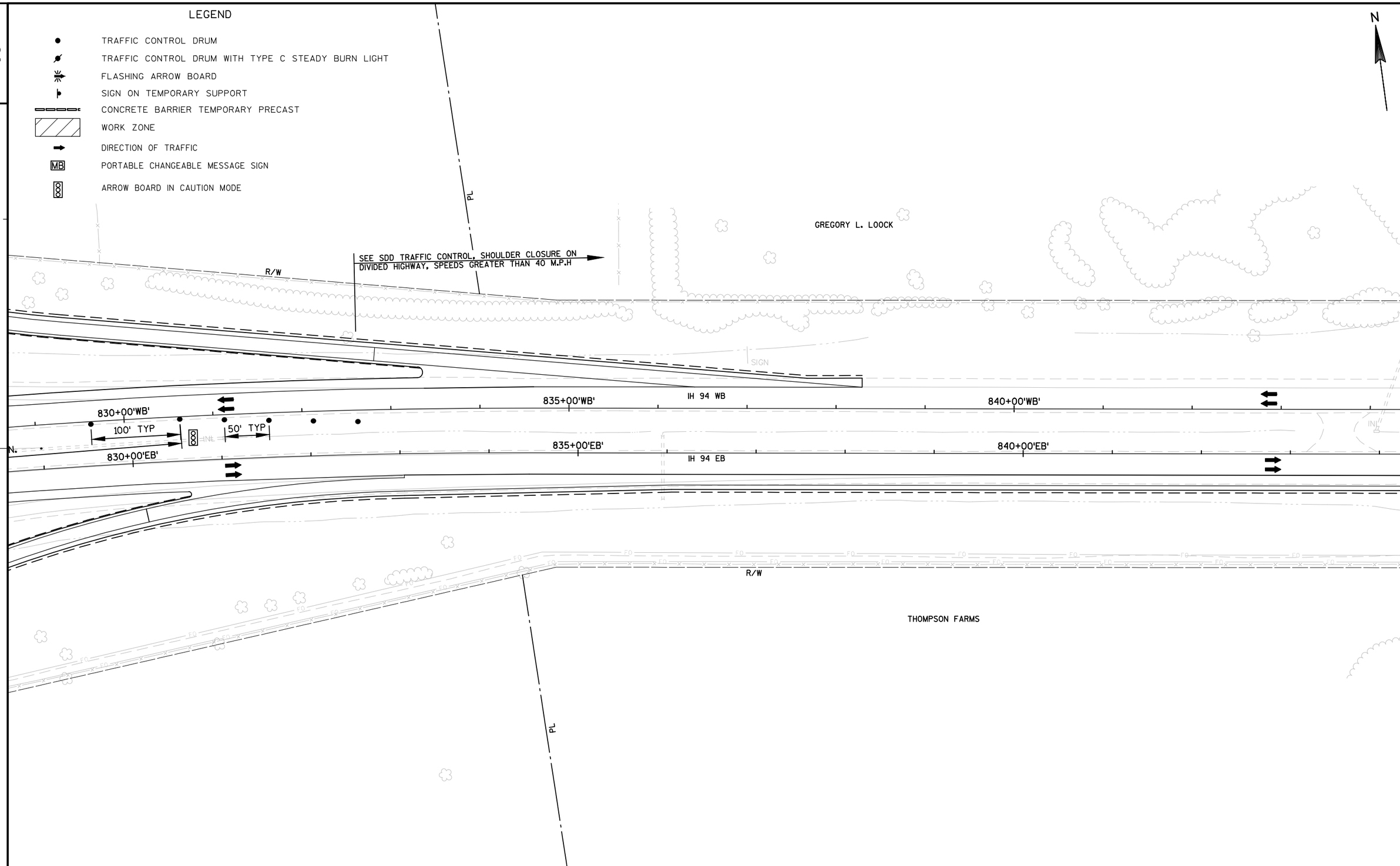
PRE_37

WISDOT/CADDS SHEET 42

2

LEGEND

- TRAFFIC CONTROL DRUM
- TRAFFIC CONTROL DRUM WITH TYPE C STEADY BURN LIGHT
- FLASHING ARROW BOARD
- SIGN ON TEMPORARY SUPPORT
- CONCRETE BARRIER TEMPORARY PRECAST
- WORK ZONE
- DIRECTION OF TRAFFIC
- MB PORTABLE CHANGEABLE MESSAGE SIGN
- ARROW BOARD IN CAUTION MODE



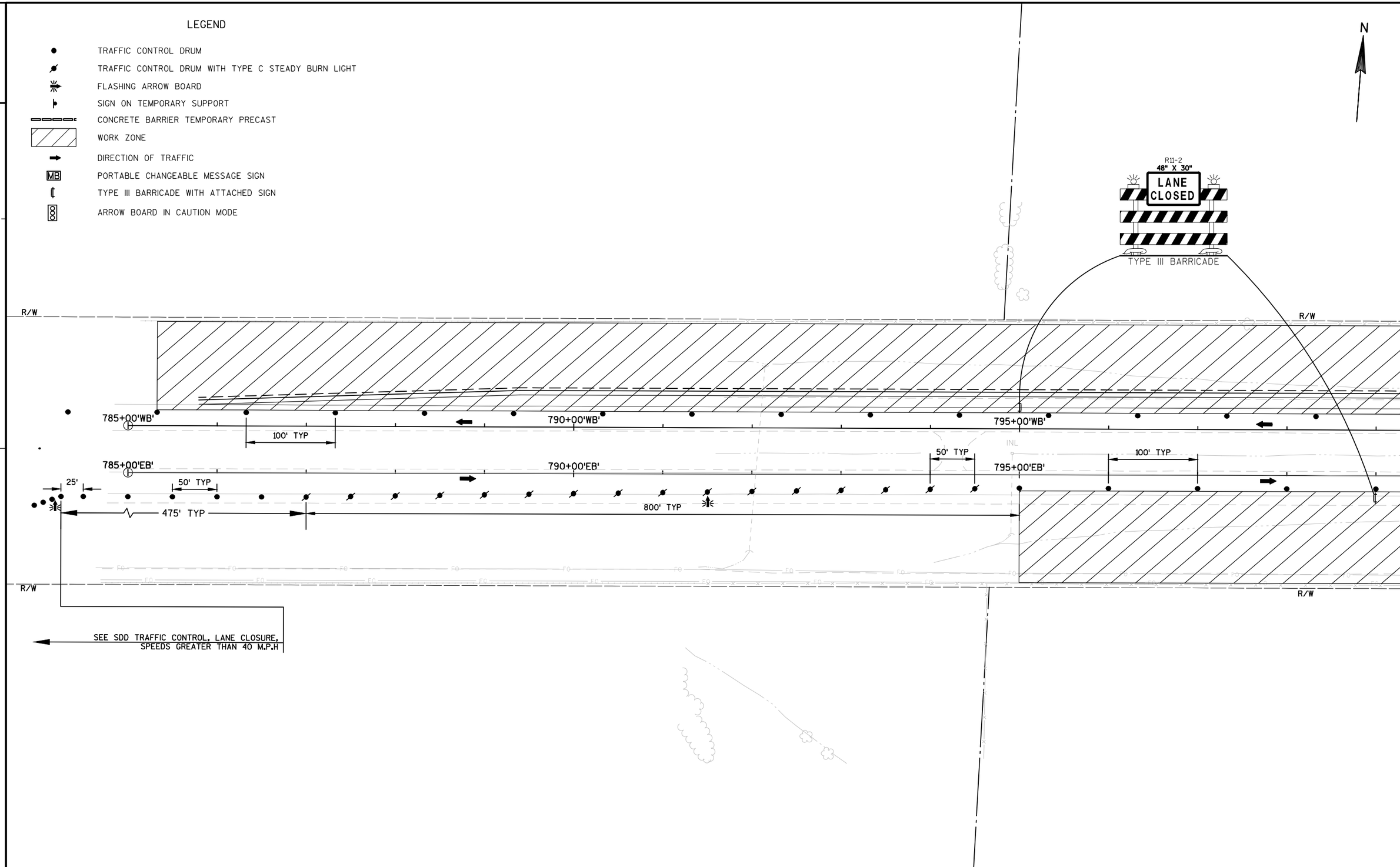
PROJECT NO:1021-01-72	HWY:IH 94	COUNTY:ST. CROIX	TRAFFIC CONTROL - IH 94 MEDIAN SHOULDER CLOSURE	SHEET E

FILE NAME : X:\3230600\121622.01\TECH\CAD\10210102\SHEETSPLAN\025001_TC(IH 94 MEDIAN SHOULDER CLOSURE).DWG PLOT DATE : 8/27/2013 2:43 PM PLOT BY : DAVID YAHNKE PLOT NAME : PLOT SCALE : 1 IN:100 FT

2

LEGEND

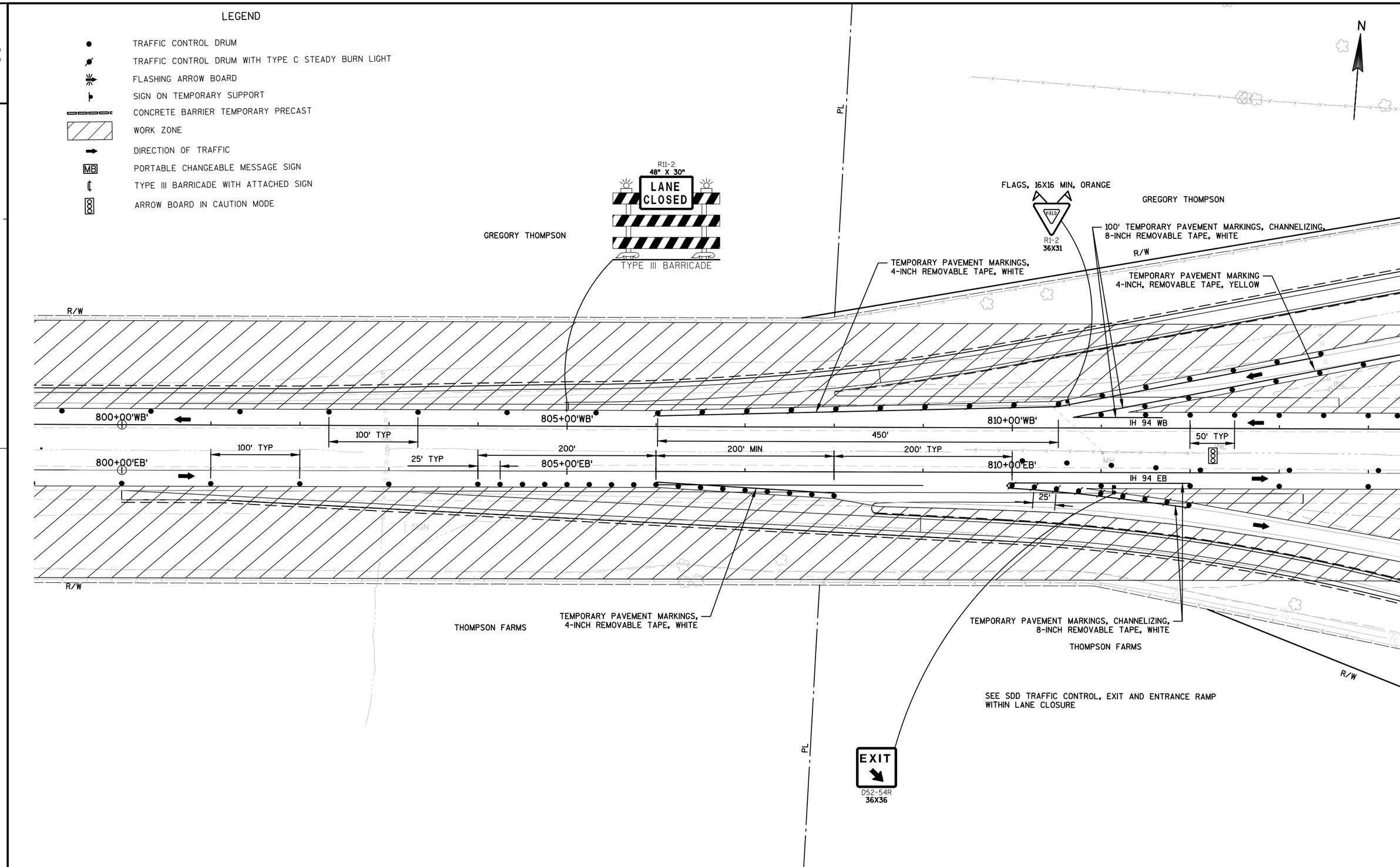
- TRAFFIC CONTROL DRUM
- TRAFFIC CONTROL DRUM WITH TYPE C STEADY BURN LIGHT
- FLASHING ARROW BOARD
- SIGN ON TEMPORARY SUPPORT
- CONCRETE BARRIER TEMPORARY PRECAST
- WORK ZONE
- DIRECTION OF TRAFFIC
- MB PORTABLE CHANGEABLE MESSAGE SIGN
- TYPE III BARRICADE WITH ATTACHED SIGN
- ARROW BOARD IN CAUTION MODE



2

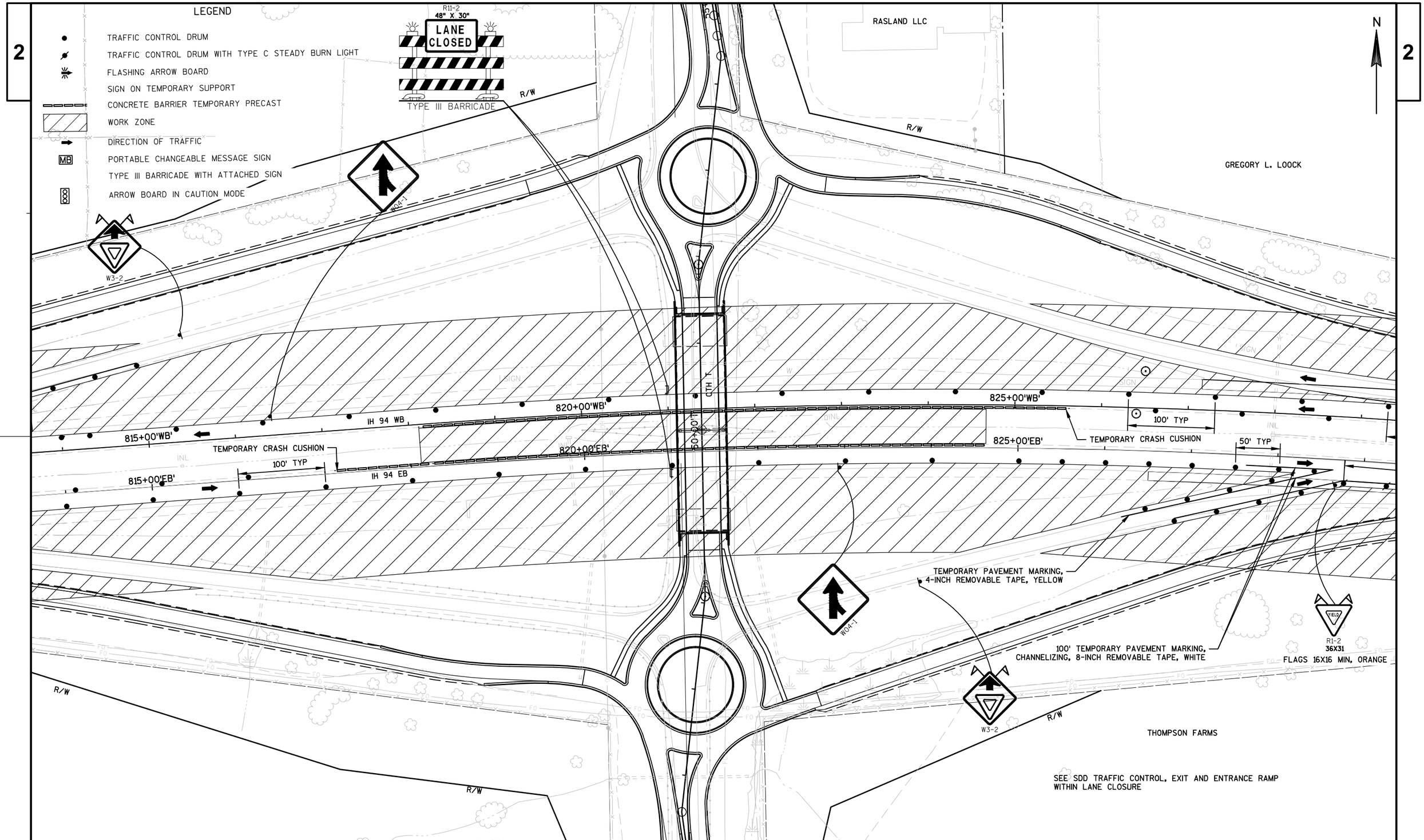
PROJECT NO:1021-01-72	HWY:IH 94	COUNTY:ST. CROIX	TRAFFIC CONTROL - IH 94 OUTSIDE LANE CLOSURE (RAMPS OPEN)	SHEET PRE_39	E

FILE NAME : X:\3230600\121622.01\TECH\CAD\10210102\SHEETSPLAN\025001_TC(IH94 OUTSIDE LANE CLOSURE - RAMPS OPEN).DWG PLOT DATE : 8/27/2013 2:43 PM PLOT BY : DAVID YAHNKE PLOT NAME : PLOT SCALE : 1 IN:100 FT



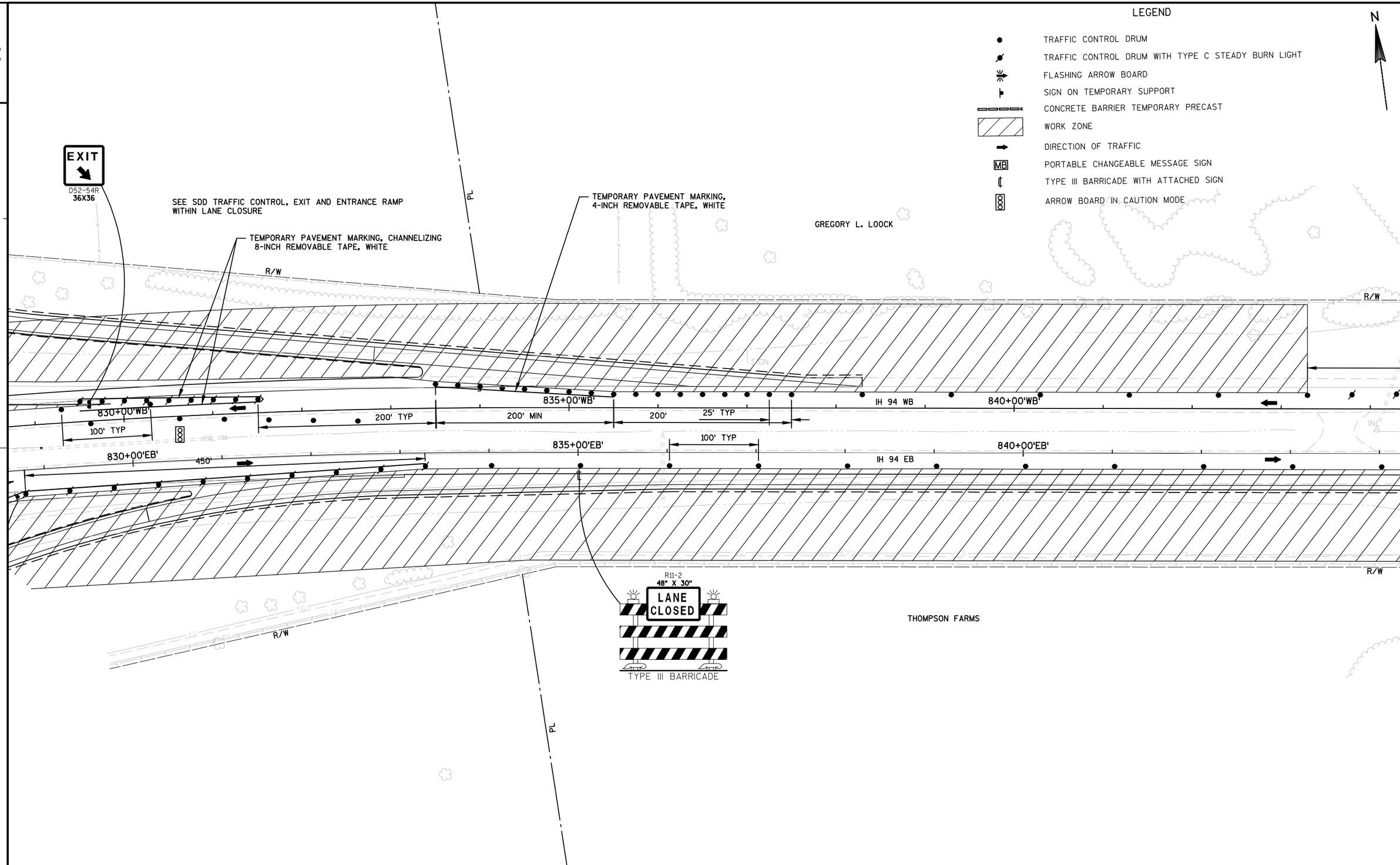
PROJECT NO:1021-01-72	HWY:IH 94	COUNTY:ST. CROIX	TRAFFIC CONTROL - IH 94 OUTSIDE LANE CLOSURE (RAMPS OPEN)	SHEET E

FILE NAME : X:\3230600\121622.01\TECH\CAD\10210102\SHEETSPLAN\025001_TC(IH94 OUTSIDE LANE CLOSURE - RAMPS OPEN).DWG PLOT DATE : 8/27/2013 2:43 PM PLOT BY : DAVID YAHNKE PLOT NAME : PLOT SCALE : 1 IN:100 FT



PROJECT NO:1021-01-72	HWY:IH 94	COUNTY:ST. CROIX	TRAFFIC CONTROL - IH 94 OUTSIDE LANE CLOSURE (RAMPS OPEN)	SHEET E

FILE NAME : X:\3230600\121622.01\TECH\CAD\10210102\SHEETSPLAN\025001_TC(IH94 OUTSIDE LANE CLOSURE - RAMPS OPEN).DWG PLOT DATE : 8/27/2013 2:43 PM PLOT BY : DAVID YAHNKE PLOT NAME : PLOT SCALE : 1 IN:100 FT



PROJECT NO:1021-01-72	HWY:IH 94	COUNTY:ST. CROIX	TRAFFIC CONTROL - IH 94 OUTSIDE LANE CLOSURE (RAMPS OPEN)	SHEET PRE_42	E

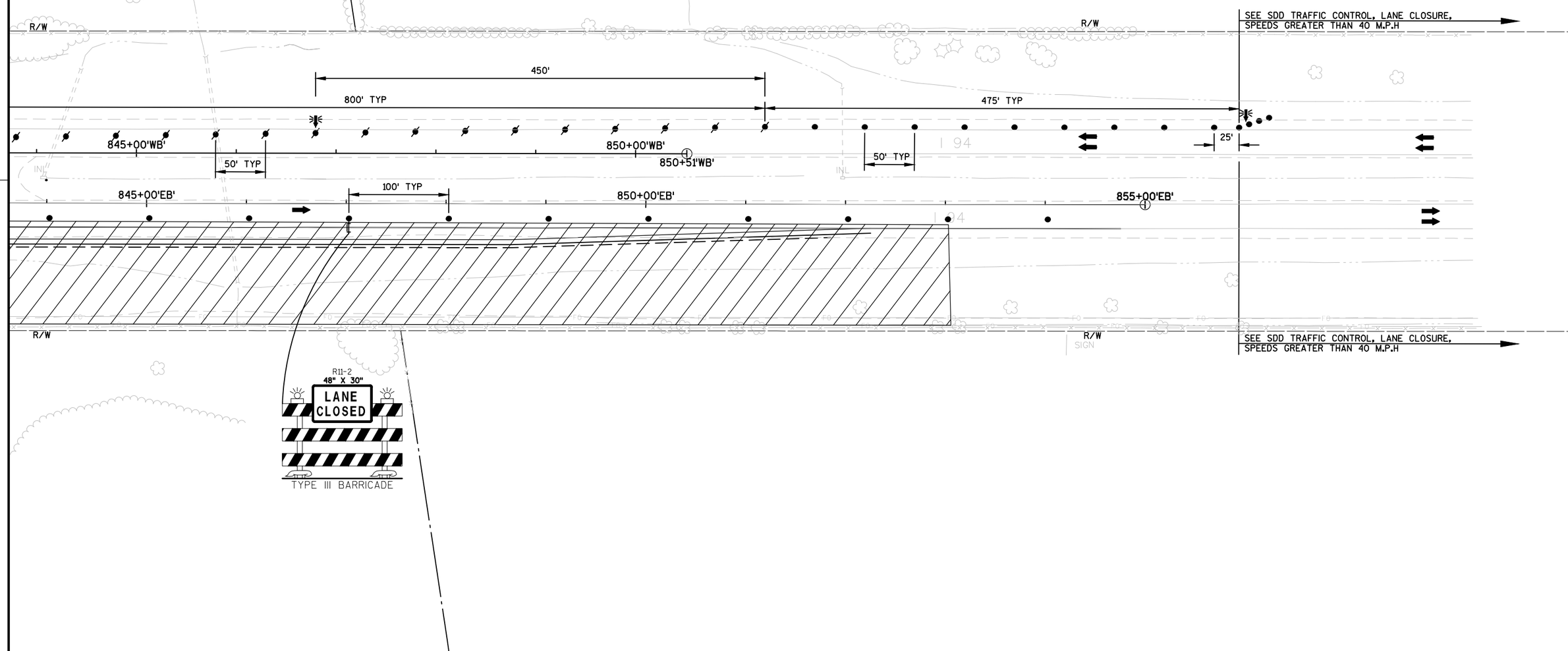
FILE NAME : X:\3230600\121622.01\TECH\CAD\10210102\SHEETSPLAN\025001_TC(IH94 OUTSIDE LANE CLOSURE - RAMPS OPEN).DWG PLOT DATE : 8/27/2013 2:43 PM PLOT BY : DAVID YAHNKE PLOT NAME : PLOT SCALE : 1 IN:100 FT

2

LEGEND

- TRAFFIC CONTROL DRUM
- TRAFFIC CONTROL DRUM WITH TYPE C STEADY BURN LIGHT
- FLASHING ARROW BOARD
- SIGN ON TEMPORARY SUPPORT
- CONCRETE BARRIER TEMPORARY PRECAST
- WORK ZONE
- DIRECTION OF TRAFFIC
- MB PORTABLE CHANGEABLE MESSAGE SIGN
- TYPE III BARRICADE WITH ATTACHED SIGN
- ARROW BOARD IN CAUTION MODE

N



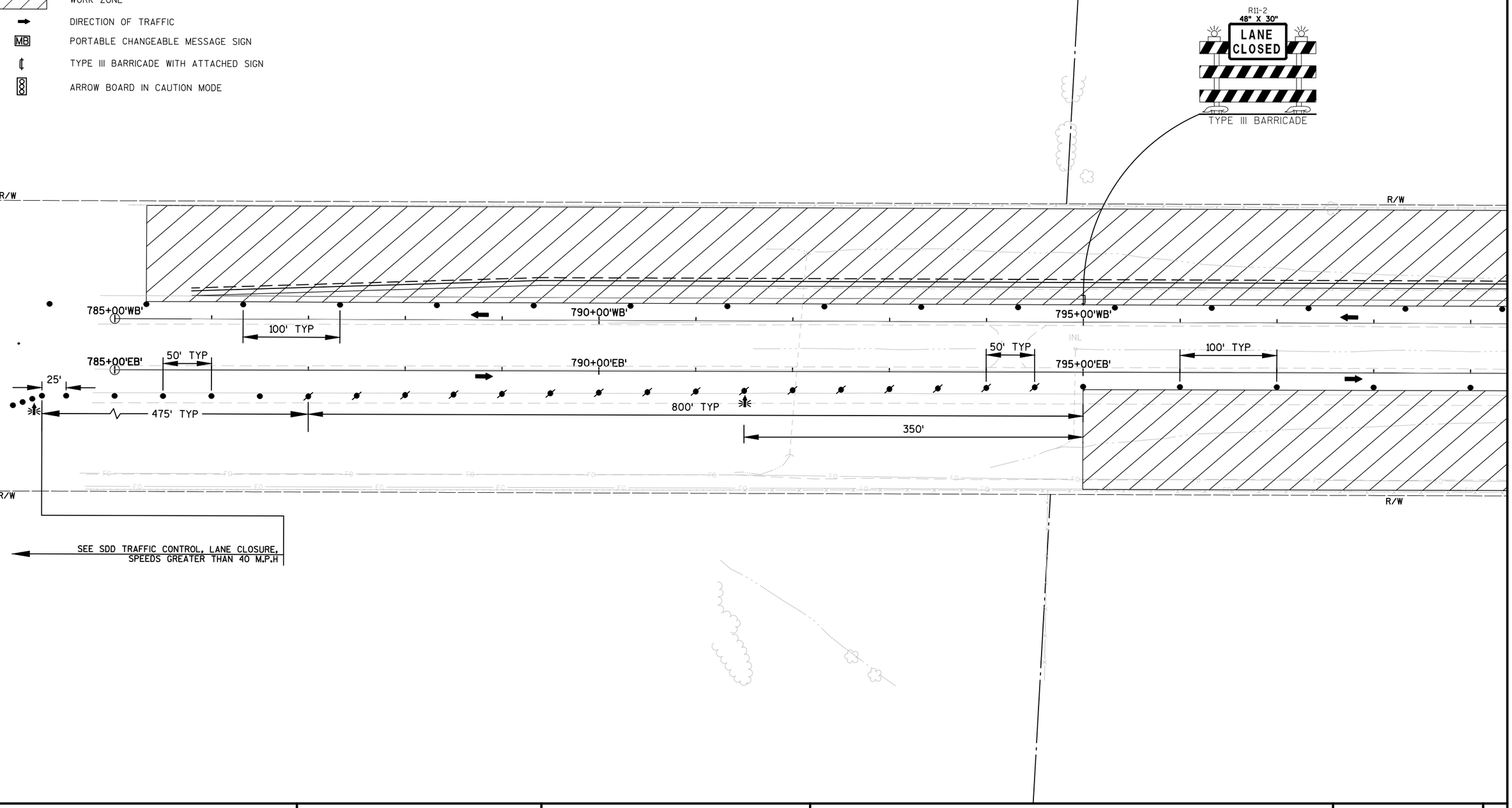
PROJECT NO:1021-01-72	HWY:IH 94	COUNTY:ST. CROIX	TRAFFIC CONTROL - IH 94 OUTSIDE LANE CLOSURE (RAMPS OPEN)	SHEET PRE_43	E

FILE NAME : X:\3230600\121622.01\TECH\CAD\10210102\SHEETSPLAN\025001_TC(IH94 OUTSIDE LANE CLOSURE - RAMPS OPEN).DWG PLOT DATE : 8/27/2013 2:43 PM PLOT BY : DAVID YAHNKE PLOT NAME : PLOT SCALE : 1 IN:100 FT

2

LEGEND

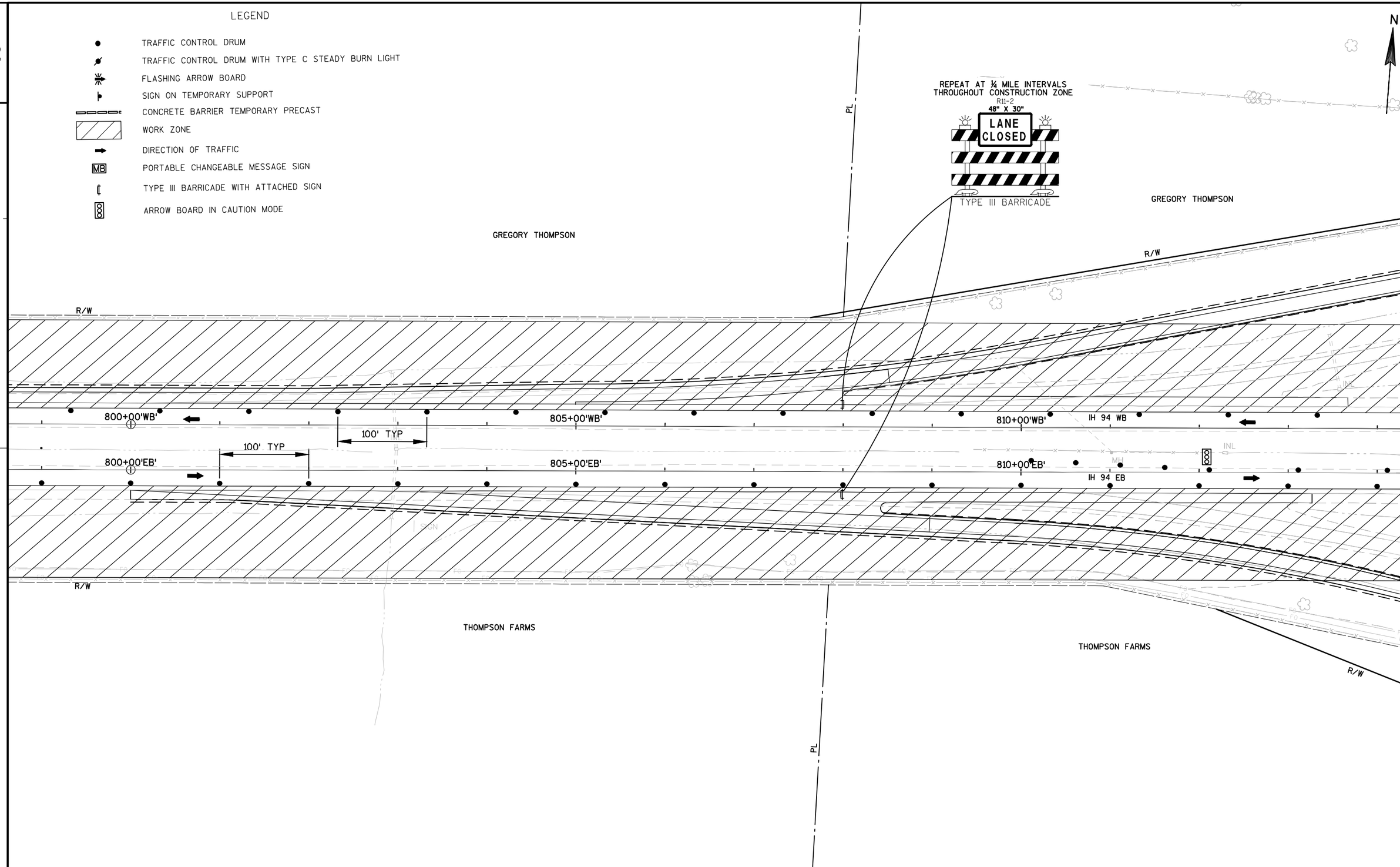
- TRAFFIC CONTROL DRUM
- TRAFFIC CONTROL DRUM WITH TYPE C STEADY BURN LIGHT
- FLASHING ARROW BOARD
- SIGN ON TEMPORARY SUPPORT
- CONCRETE BARRIER TEMPORARY PRECAST
- WORK ZONE
- DIRECTION OF TRAFFIC
- MB PORTABLE CHANGEABLE MESSAGE SIGN
- TYPE III BARRICADE WITH ATTACHED SIGN
- ARROW BOARD IN CAUTION MODE



2

PROJECT NO:1021-01-72	HWY:IH 94	COUNTY:ST. CROIX	TRAFFIC CONTROL - IH 94 OUTSIDE LANE CLOSURE (RAMPS CLOSED)	SHEET PRE_44	E

FILE NAME : X:\3230600\121622.01\TECH\CAD\10210102\SHEETSPLAN\025001_TC(IH94 OUTSIDE LANE CLOSURE - RAMPS CLOSED).DWG PLOT DATE : 8/27/2013 2:44 PM PLOT BY : DAVID YAHNKE PLOT NAME : PLOT SCALE : 1 IN:100 FT



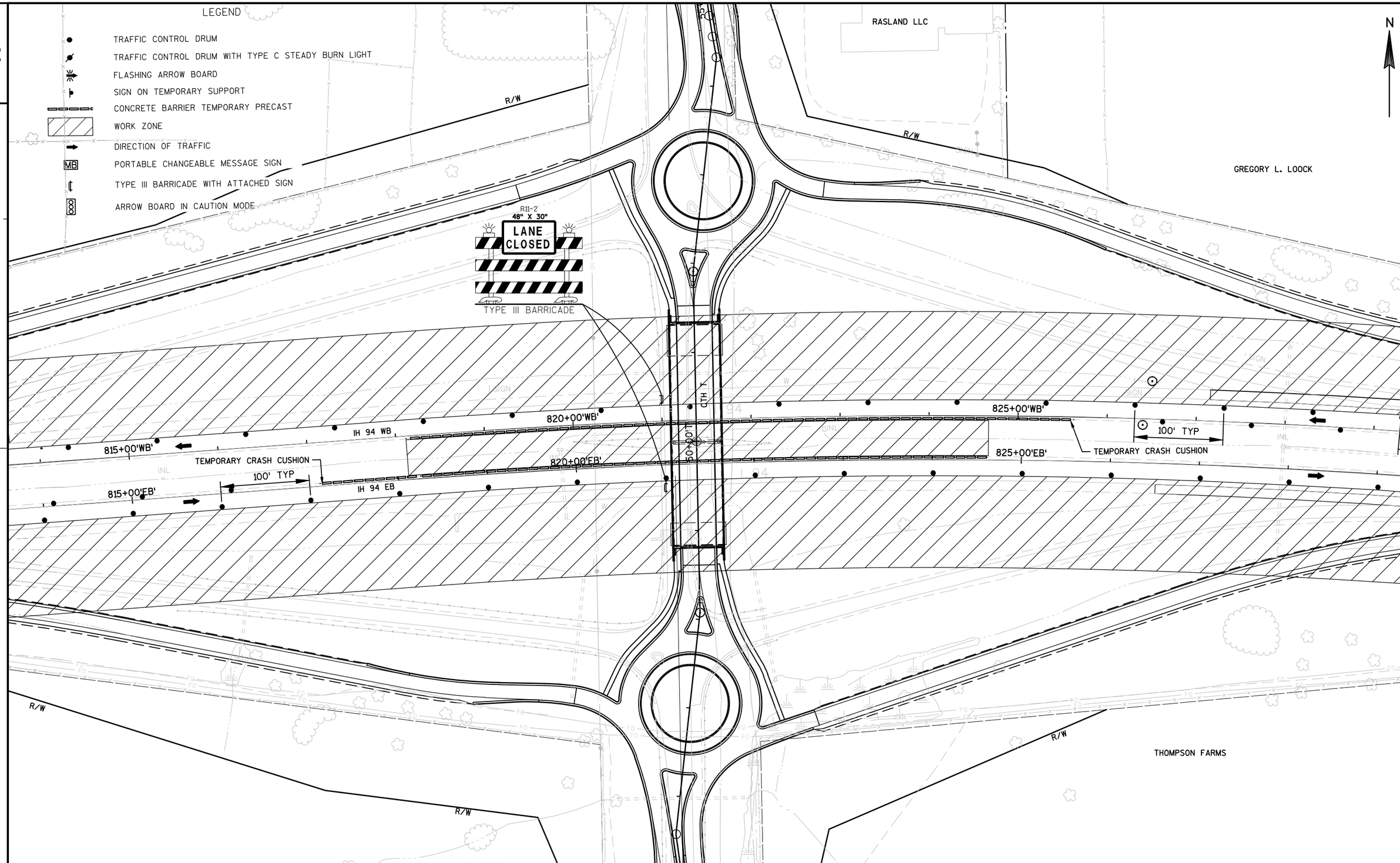
PROJECT NO:1021-01-72	HWY:IH 94	COUNTY:ST. CROIX	TRAFFIC CONTROL - IH 94 OUTSIDE LANE CLOSURE (RAMP CLOSED)	SHEET E

FILE NAME : X:\3230600\121622.01\TECH\CAD\10210102\SHEETSPLAN\025001_TC(IH94 OUTSIDE LANE CLOSURE - RAMPS CLOSED).DWG PLOT DATE : 8/27/2013 2:44 PM PLOT BY : DAVID YAHNKE PLOT NAME : PLOT SCALE : 1 IN:100 FT

2

LEGEND

- TRAFFIC CONTROL DRUM
- TRAFFIC CONTROL DRUM WITH TYPE C STEADY BURN LIGHT
- FLASHING ARROW BOARD
- SIGN ON TEMPORARY SUPPORT
- CONCRETE BARRIER TEMPORARY PRECAST
- WORK ZONE
- DIRECTION OF TRAFFIC
- MB PORTABLE CHANGEABLE MESSAGE SIGN
- TYPE III BARRICADE WITH ATTACHED SIGN
- ARROW BOARD IN CAUTION MODE



2

PROJECT NO:1021-01-72	HWY:IH 94	COUNTY:ST. CROIX	TRAFFIC CONTROL - IH 94 OUTSIDE LANE CLOSURE (RAMPS CLOSED)	SHEET E

PRE_46

FILE NAME : X:\3230600\121622.01\TECH\CAD\10210102\SHEETSPLAN\025001_TC(IH94 OUTSIDE LANE CLOSURE - RAMPS CLOSED).DWG PLOT DATE : 8/27/2013 2:44 PM PLOT BY : DAVID YAHNKE PLOT NAME : PLOT SCALE : 1 IN:100 FT

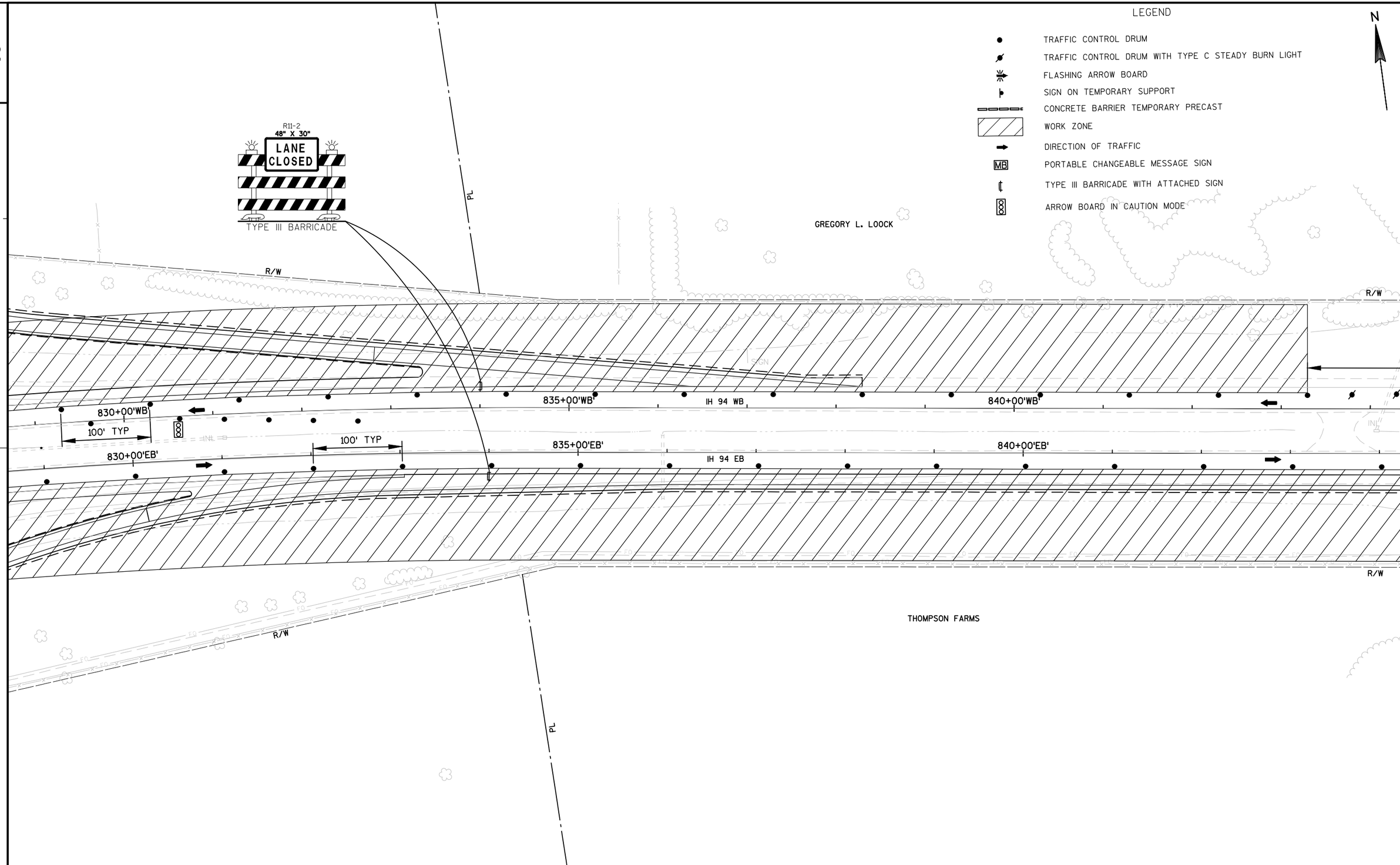
WISDOT/CADDS SHEET 44

2

LEGEND

- TRAFFIC CONTROL DRUM
- TRAFFIC CONTROL DRUM WITH TYPE C STEADY BURN LIGHT
- FLASHING ARROW BOARD
- SIGN ON TEMPORARY SUPPORT
- CONCRETE BARRIER TEMPORARY PRECAST
- WORK ZONE
- DIRECTION OF TRAFFIC
- MB PORTABLE CHANGEABLE MESSAGE SIGN
- TYPE III BARRICADE WITH ATTACHED SIGN
- ARROW BOARD IN CAUTION MODE

N



2

PROJECT NO:1021-01-72	HWY:IH 94	COUNTY:ST. CROIX	TRAFFIC CONTROL - IH 94 OUTSIDE LANE CLOSURE (RAMPS CLOSED)	SHEET E

PRE_47

FILE NAME : X:\3230600\121622.01\TECH\CAD\10210102\SHEETSPLAN\025001_TC(IH94 OUTSIDE LANE CLOSURE - RAMPS CLOSED).DWG PLOT DATE : 8/27/2013 2:44 PM PLOT BY : DAVID YAHNKE PLOT NAME : PLOT SCALE : 1 IN:100 FT

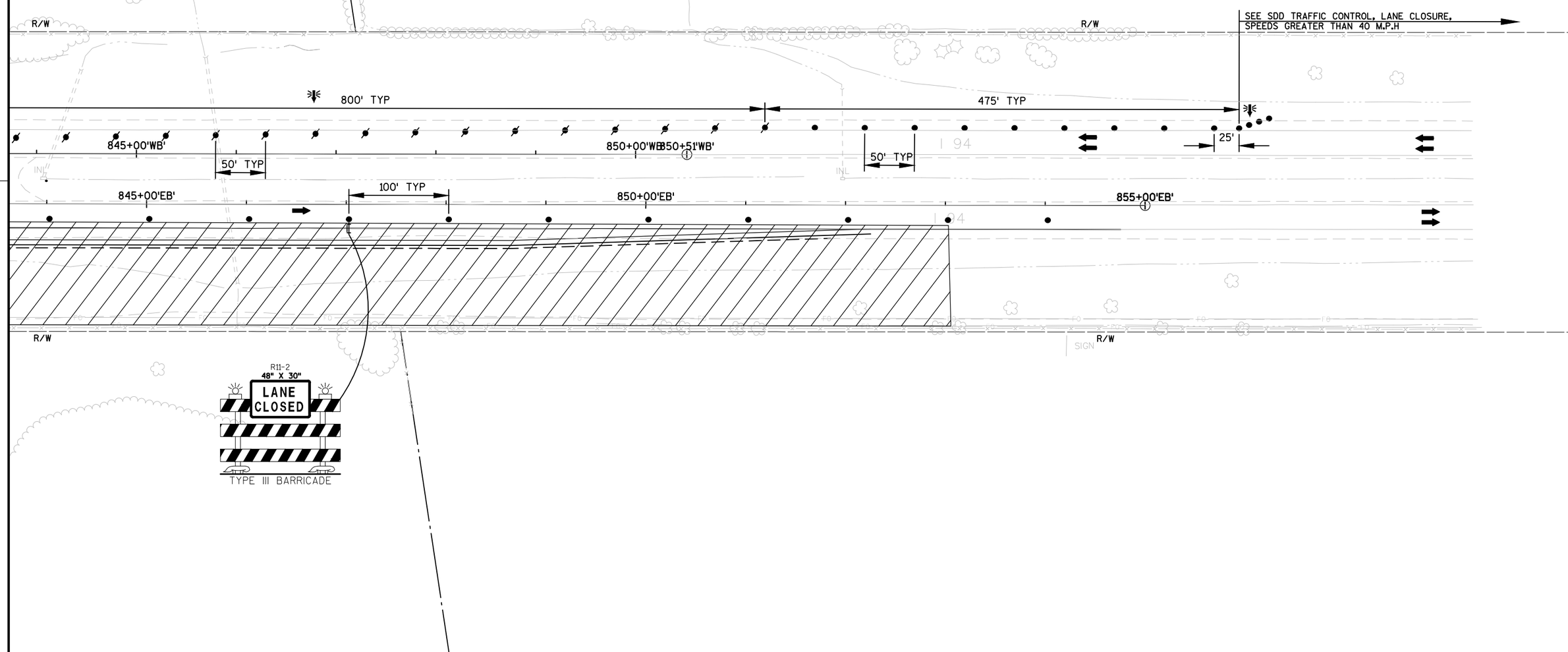
WISDOT/CADDS SHEET 44

2

LEGEND

- TRAFFIC CONTROL DRUM
- TRAFFIC CONTROL DRUM WITH TYPE C STEADY BURN LIGHT
- FLASHING ARROW BOARD
- SIGN ON TEMPORARY SUPPORT
- CONCRETE BARRIER TEMPORARY PRECAST
- WORK ZONE
- DIRECTION OF TRAFFIC
- MB PORTABLE CHANGEABLE MESSAGE SIGN
- TYPE III BARRICADE WITH ATTACHED SIGN
- ARROW BOARD IN CAUTION MODE

N



PROJECT NO:1021-01-72	HWY:IH 94	COUNTY:ST. CROIX	TRAFFIC CONTROL - IH 94 OUTSIDE LANE CLOSURE (RAMPS CLOSED)	SHEET PRE_48	E

FILE NAME : X:\3230600\121622.01\TECH\CAD\10210102\SHEETSPLAN\025001_TC(IH94 OUTSIDE LANE CLOSURE - RAMPS CLOSED).DWG PLOT DATE : 8/27/2013 2:44 PM PLOT BY : DAVID YAHNKE PLOT NAME : PLOT SCALE : 1 IN:100 FT

2

STAGE 1 WORKZONES

TRAFFIC ON CURRENT ROADWAY
SHOULDER CLOSURES ON RAMPS AND CTH T

CONSTRUCTION

NEW ENTRANCE AND EXIT RAMPS

EAST HALF OF NEW BRIDGE

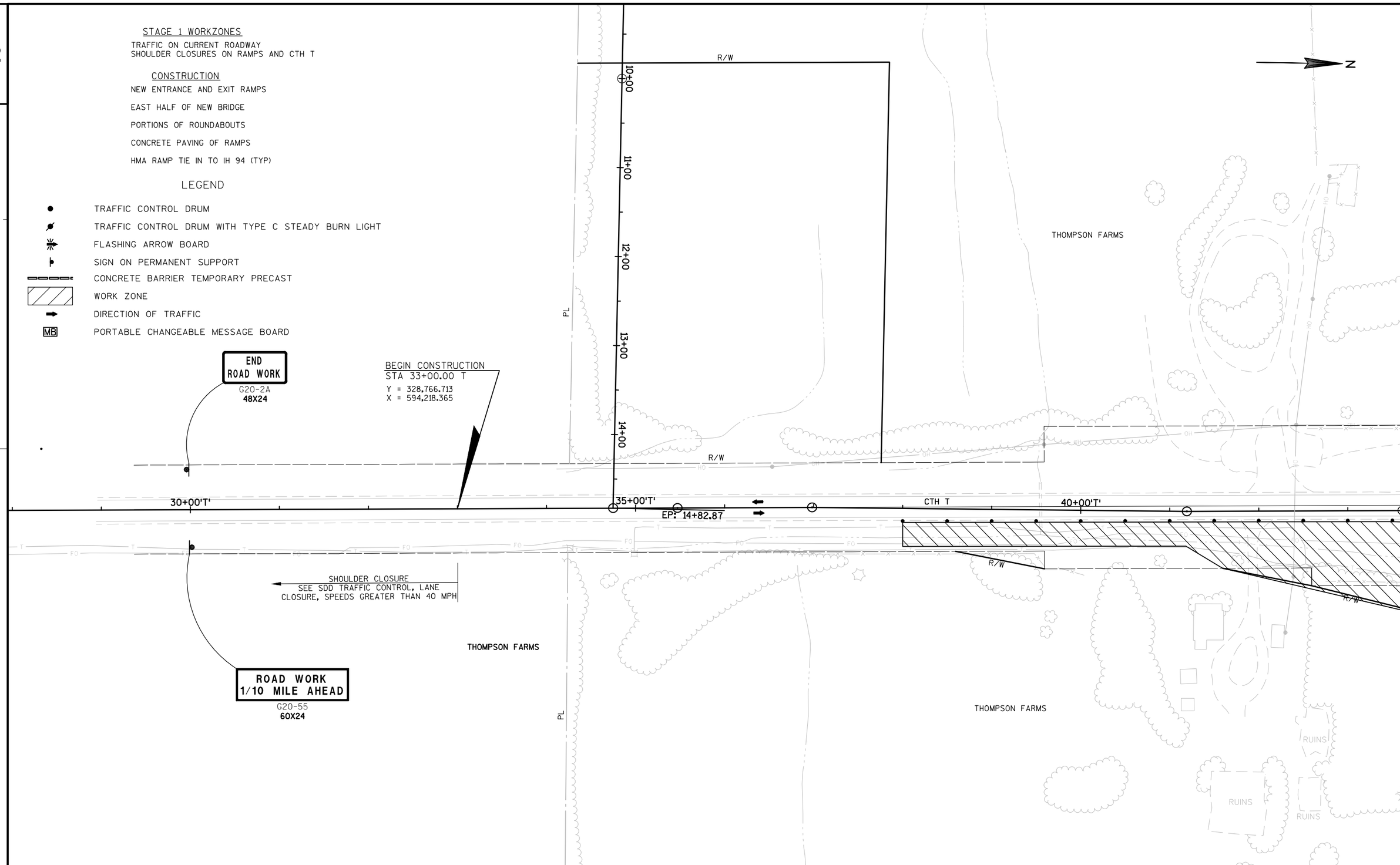
PORTIONS OF ROUNDABOUTS

CONCRETE PAVING OF RAMPS

HMA RAMP TIE IN TO IH 94 (TYP)

LEGEND

- TRAFFIC CONTROL DRUM
- TRAFFIC CONTROL DRUM WITH TYPE C STEADY BURN LIGHT
- FLASHING ARROW BOARD
- SIGN ON PERMANENT SUPPORT
- CONCRETE BARRIER TEMPORARY PRECAST
- WORK ZONE
- DIRECTION OF TRAFFIC
- MB PORTABLE CHANGEABLE MESSAGE BOARD



2

PROJECT NO:1021-01-72	HWY:IH 94	COUNTY:ST. CROIX	STAGE CONSTRUCTION - STAGE 1	SHEET E

2

THOMPSON FARMS

R/W

IH 94 EB

IH 94 WB

820+00'EB'

820+00'WB'

SEE SDD TRAFFIC CONTROL, LANE CLOSURE, SPEEDS GREATER THAN 30 MPH

SHOULDER CLOSURE

45+00'T'

50+00'T'

CTH T

55+00'T'

GREGORY THOMPSON

RAMP

R/W

RASLAND LLC

RAMP

PHE

PL

825+00'EB'

825+00'WB'

THOMPSON FARMS

R/W

R/W

N

2

LEGEND

- TRAFFIC CONTROL DRUM
- TRAFFIC CONTROL DRUM WITH TYPE C STEADY BURN LIGHT
- FLASHING ARROW BOARD
- SIGN ON PERMANENT SUPPORT
- CONCRETE BARRIER TEMPORARY PRECAST
- WORK ZONE
- DIRECTION OF TRAFFIC
- MB PORTABLE CHANGEABLE MESSAGE BOARD

PROJECT NO:1021-01-72	HWY:IH 94	COUNTY:ST. CROIX	STAGE CONSTRUCTION - STAGE 1	SHEET PRE_50	E

FILE NAME : X:\3230600\121622.01\TECH\CAD\10210102\SHEETSPLAN\026001_S1.DWG PLOT DATE : 8/27/2013 2:44 PM PLOT BY : DAVID YAHNKE PLOT NAME : PLOT SCALE : 1 IN:100 FT

2

N

GREGORY THOMPSON

GREGORY THOMPSON

TRAFFIC CONTROL
SHOULDER CLOSURE, SPEEDS
GREATER THAN 40 MPH

PL

END CONSTRUCTION
STA 65+10.00 T

ROAD WORK
1/10 MILE AHEAD
G20-55
84"X24"

R/W

60+00'T'

CTH T

65+00'T'

70+00'T'

R/W

GREGORY L. LOOCK

END
ROAD WORK
G20-2A
48"X24"

PHE

PL

LEGEND

- TRAFFIC CONTROL DRUM
- TRAFFIC CONTROL DRUM WITH TYPE C STEADY BURN LIGHT
- FLASHING ARROW BOARD
- SIGN ON PERMANENT SUPPORT
- CONCRETE BARRIER TEMPORARY PRECAST
- WORK ZONE
- DIRECTION OF TRAFFIC
- MB PORTABLE CHANGEABLE MESSAGE BOARD

PROJECT NO:1021-01-72	HWY:IH 94	COUNTY:ST. CROIX	STAGE CONSTRUCTION - STAGE 1	SHEET E

FILE NAME : X:\3230600\121622.01\TECH\CAD\10210102\SHEETSPLAN\026001_S1.DWG PLOT DATE : 8/27/2013 2:44 PM PLOT BY : DAVID YAHNKE PLOT NAME : PLOT SCALE : 1 IN:100 FT

2

STAGE 1 WORKZONES

TRAFFIC ON CURRENT ROADWAY
SHOULDER CLOSURES ON RAMPS AND CTH T

CONSTRUCTION

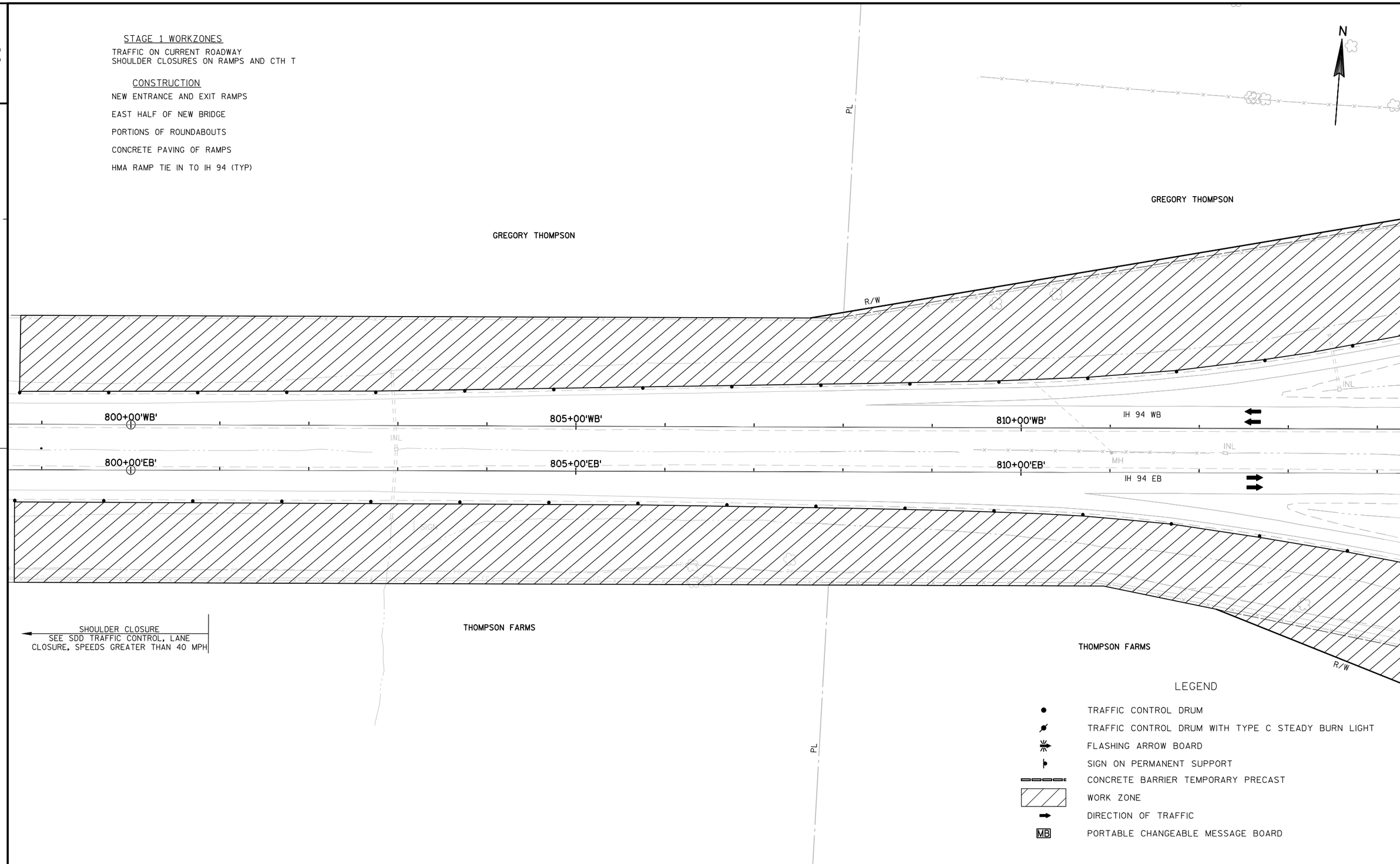
NEW ENTRANCE AND EXIT RAMPS

EAST HALF OF NEW BRIDGE

PORTIONS OF ROUNDABOUTS

CONCRETE PAVING OF RAMPS

HMA RAMP TIE IN TO IH 94 (TYP)



PROJECT NO:1021-01-72	HWY:IH 94	COUNTY:ST. CROIX	STAGE CONSTRUCTION - STAGE 1	SHEET E

PRE_52

FILE NAME : X:\3230600\121622.01\TECH\CAD\10210102\SHEETSPLAN\026001_S1.DWG PLOT DATE : 8/27/2013 2:44 PM PLOT BY : DAVID YAHNKE PLOT NAME : PLOT SCALE : 1 IN:100 FT

WISDOT/CADDS SHEET 44

2

2

N

GREGORY L. LOOCK

PL

R/W

IH 94 WB

830+00'WB'

835+00'WB'

840+00'WB'

830+00'EB'

835+00'EB'

840+00'EB'

IH 94 EB

R/W

THOMPSON FARMS

PL

SHOULDER CLOSURE
SEE SDD TRAFFIC CONTROL, LANE CLOSURE, SPEEDS GREATER THAN 40 MPH

LEGEND

- TRAFFIC CONTROL DRUM
- TRAFFIC CONTROL DRUM WITH TYPE C STEADY BURN LIGHT
- FLASHING ARROW BOARD
- SIGN ON PERMANENT SUPPORT
- CONCRETE BARRIER TEMPORARY PRECAST
- WORK ZONE
- DIRECTION OF TRAFFIC
- MB PORTABLE CHANGEABLE MESSAGE BOARD

PROJECT NO:1021-01-72	HWY:IH 94	COUNTY:ST. CROIX	STAGE CONSTRUCTION - STAGE 1	SHEET E

FILE NAME : X:\3230600\121622.01\TECH\CAD\10210102\SHEETSPLAN\026001_S1.DWG PLOT DATE : 8/27/2013 2:45 PM PLOT BY : DAVID YAHNKE PLOT NAME : PLOT SCALE : 1 IN:100 FT

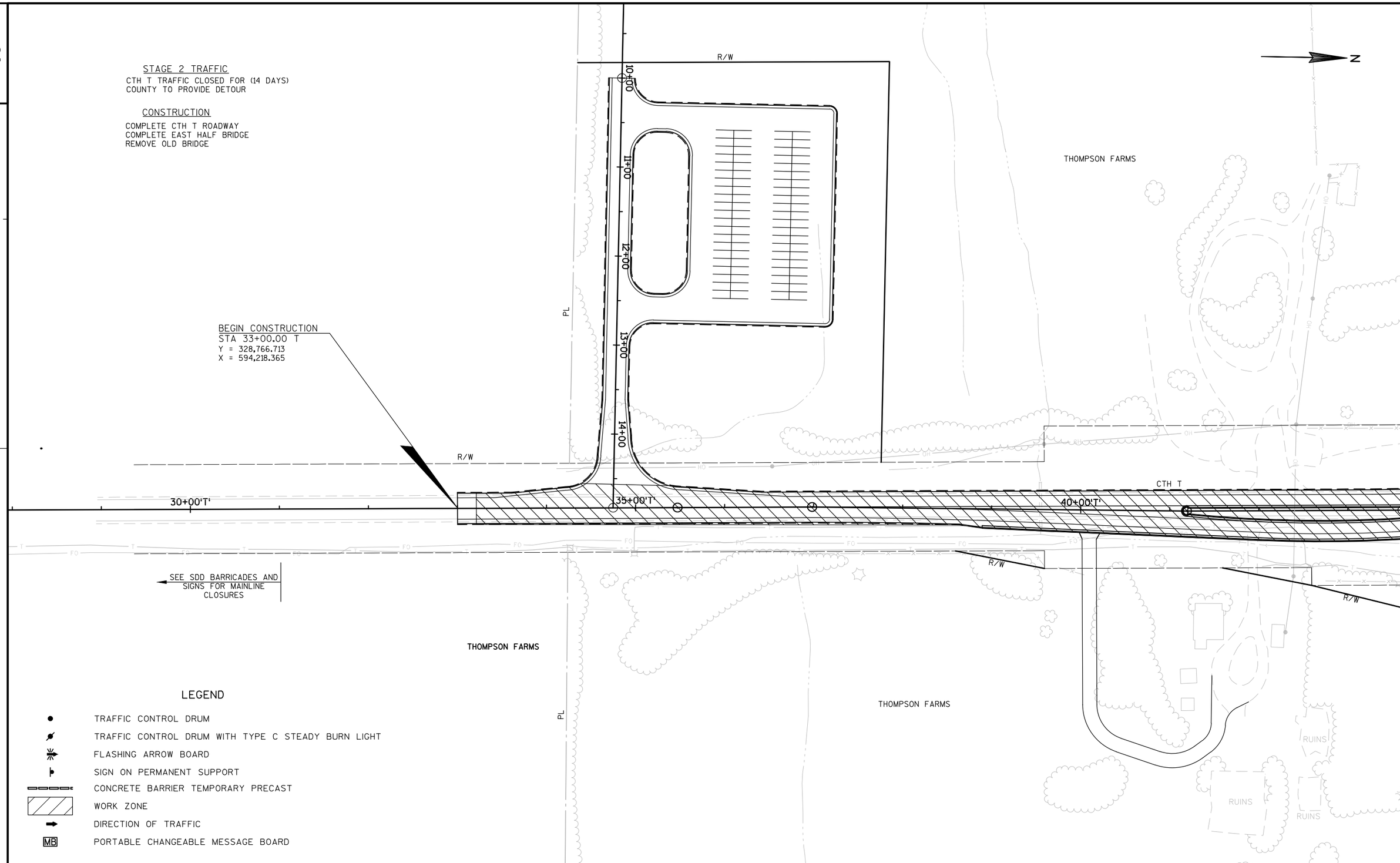
2

STAGE 2 TRAFFIC

CTH T TRAFFIC CLOSED FOR (14 DAYS)
COUNTY TO PROVIDE DETOUR

CONSTRUCTION

COMPLETE CTH T ROADWAY
COMPLETE EAST HALF BRIDGE
REMOVE OLD BRIDGE



LEGEND

- TRAFFIC CONTROL DRUM
- TRAFFIC CONTROL DRUM WITH TYPE C STEADY BURN LIGHT
- FLASHING ARROW BOARD
- SIGN ON PERMANENT SUPPORT
- CONCRETE BARRIER TEMPORARY PRECAST
- WORK ZONE
- DIRECTION OF TRAFFIC
- MB PORTABLE CHANGEABLE MESSAGE BOARD

PROJECT NO:1021-01-72	HWY:IH 94	COUNTY:ST. CROIX	STAGE CONSTRUCTION - STAGE 2	SHEET E

FILE NAME : X:\3230600\121622.01\TECH\CAD\10210102\SHEETSPLAN\026001_S2.DWG PLOT DATE : 8/27/2013 2:45 PM PLOT BY : DAVID YAHNKE PLOT NAME : PLOT SCALE : 1 IN:100 FT

2

THOMPSON FARMS

R/W

IH 94 EB

IH 94 WB

820+00'EB'

820+00'WB'

45+00'T'

50+00'T'

CTH T

55+00'T'

GREGORY THOMPSON

GREGORY THOMPSON

RAMP

R/W

RASLAND LLC

RAMP

R/W

R/W

THOMPSON FARMS

R/W

825+00'EB'

825+00'WB'

PL

N

2

LEGEND

- TRAFFIC CONTROL DRUM
- TRAFFIC CONTROL DRUM WITH TYPE C STEADY BURN LIGHT
- FLASHING ARROW BOARD
- SIGN ON PERMANENT SUPPORT
- CONCRETE BARRIER TEMPORARY PRECAST
- WORK ZONE
- DIRECTION OF TRAFFIC
- MB PORTABLE CHANGEABLE MESSAGE BOARD

PROJECT NO:1021-01-72	HWY:IH 94	COUNTY:ST. CROIX	STAGE CONSTRUCTION - STAGE 2	SHEET E

FILE NAME : X:\3230600\121622.01\TECH\CAD\10210102\SHEETSPLAN\026001_S2.DWG PLOT DATE : 8/27/2013 2:45 PM PLOT BY : DAVID YAHNKE PLOT NAME : PLOT SCALE : 1 IN:100 FT

2

2

N

GREGORY THOMPSON

GREGORY THOMPSON

PL

END CONSTRUCTION
STA 65+10.00 T

SEE SDD BARRICADES AND
SIGNS FOR MAINLINE
CLOSURES

R/W

60+00'T'

CTH T

65+00'T'

70+00'T'

SIGN

R/W

GREGORY L. LOOCK

GREGORY LOOCK

PL

LEGEND

- TRAFFIC CONTROL DRUM
- TRAFFIC CONTROL DRUM WITH TYPE C STEADY BURN LIGHT
- FLASHING ARROW BOARD
- SIGN ON PERMANENT SUPPORT
- CONCRETE BARRIER TEMPORARY PRECAST
- WORK ZONE
- DIRECTION OF TRAFFIC
- MB PORTABLE CHANGEABLE MESSAGE BOARD

PROJECT NO:1021-01-72	HWY:IH 94	COUNTY:ST. CROIX	STAGE CONSTRUCTION - STAGE 2	SHEET E

FILE NAME : X:\3230600\121622.01\TECH\CAD\10210102\SHEETSPLAN\026001_S2.DWG PLOT DATE : 8/27/2013 2:45 PM PLOT BY : DAVID YAHNKE PLOT NAME : PLOT SCALE : 1 IN:100 FT

2

STAGE 3 TRAFFIC

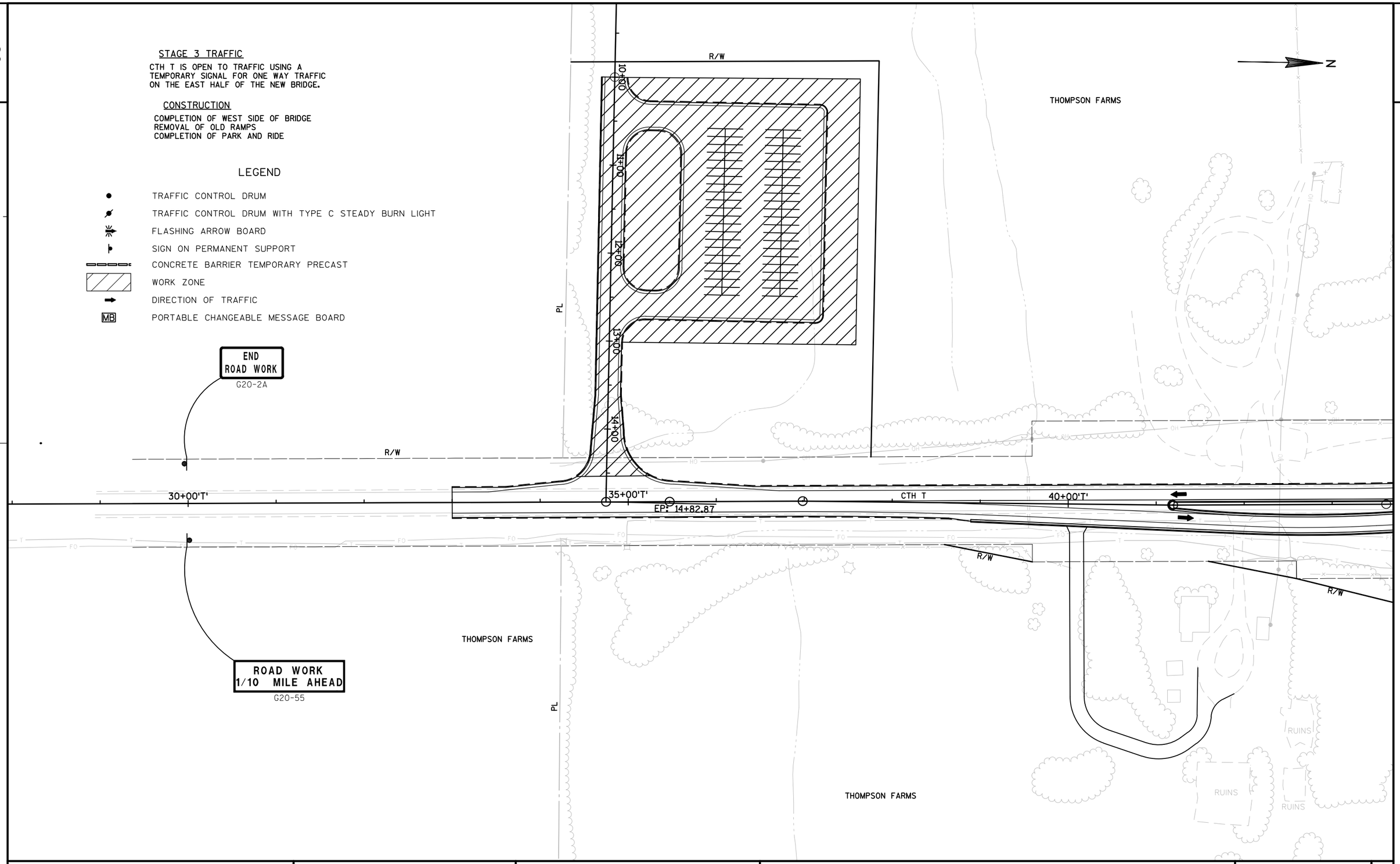
CTH T IS OPEN TO TRAFFIC USING A TEMPORARY SIGNAL FOR ONE WAY TRAFFIC ON THE EAST HALF OF THE NEW BRIDGE.

CONSTRUCTION

COMPLETION OF WEST SIDE OF BRIDGE
REMOVAL OF OLD RAMPS
COMPLETION OF PARK AND RIDE

LEGEND

- TRAFFIC CONTROL DRUM
- TRAFFIC CONTROL DRUM WITH TYPE C STEADY BURN LIGHT
- FLASHING ARROW BOARD
- SIGN ON PERMANENT SUPPORT
- CONCRETE BARRIER TEMPORARY PRECAST
- WORK ZONE
- DIRECTION OF TRAFFIC
- MB PORTABLE CHANGEABLE MESSAGE BOARD



2

PROJECT NO:1021-01-72	HWY:IH 94	COUNTY:ST. CROIX	STAGE CONSTRUCTION - STAGE 3	SHEET E

2

GREGORY THOMPSON

N

THOMPSON FARMS

R/W

IH 94 EB

IH 94 WB

820+00'EB'

820+00'WB'

R/W

TEMPORARY ASPHALT SURFACE IN ISLAND

TEMPORARY ASPHALT SURFACE IN ISLAND

TEMPORARY CRASH CUSHIONS

TEMPORARY SIGNAL FOR BRIDGE CROSSING

TEMPORARY STOP BAR

45+00'T'

50+00'T'

CTH T

55+00'T'

TEMPORARY STOP BAR

TEMPORARY SIGNAL FOR BRIDGE CROSSING

TEMPORARY PRECAST BARRIER

R/W

RASLAND LLC

R/W

THOMPSON FARMS

825+00'EB'

825+00'WB'

PL

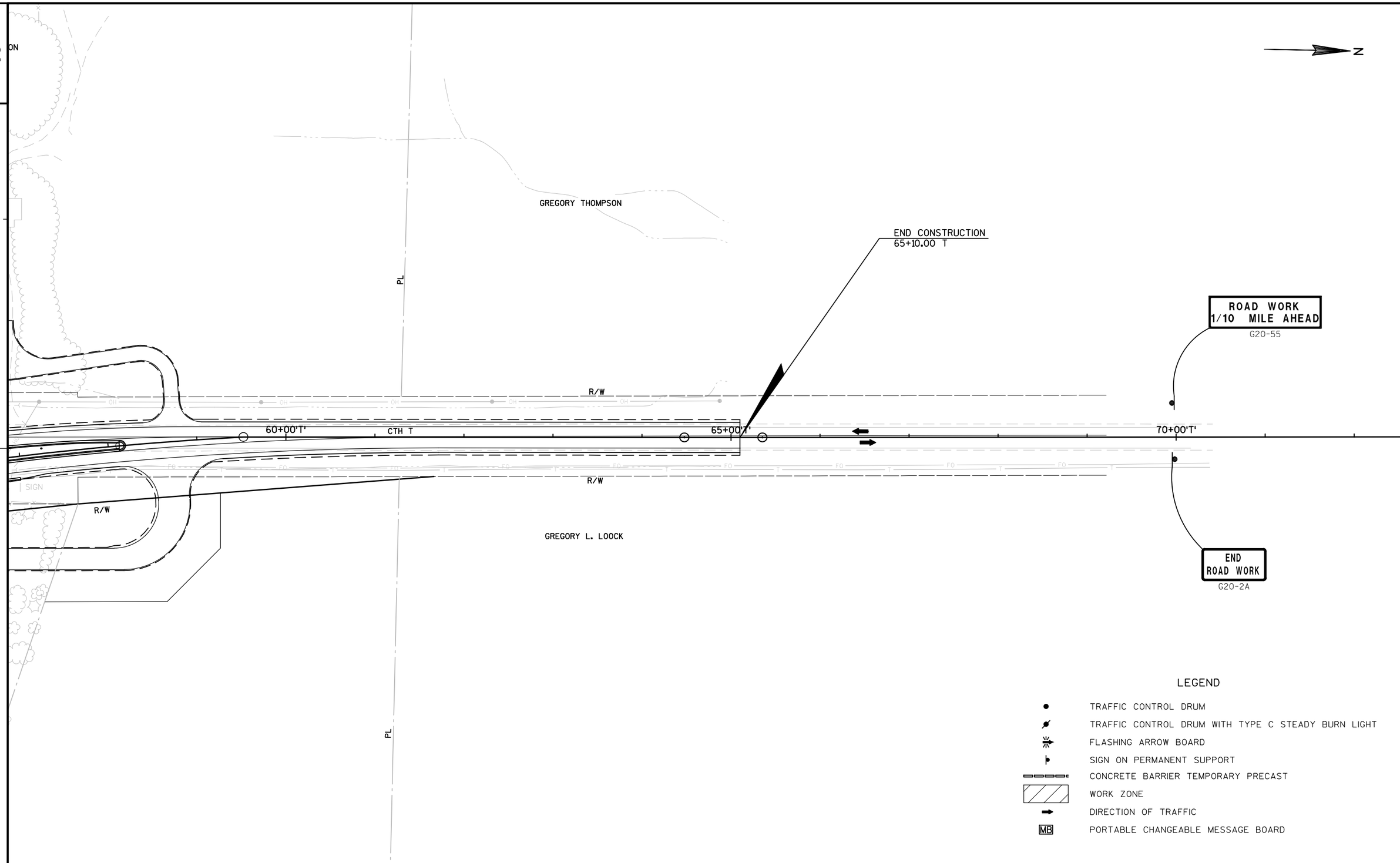
LEGEND

- TRAFFIC CONTROL DRUM
- TRAFFIC CONTROL DRUM WITH TYPE C STEADY BURN LIGHT
- FLASHING ARROW BOARD
- SIGN ON PERMANENT SUPPORT
- CONCRETE BARRIER TEMPORARY PRECAST
- WORK ZONE
- DIRECTION OF TRAFFIC
- MB PORTABLE CHANGEABLE MESSAGE BOARD

PROJECT NO:1021-01-72	HWY:IH 94	COUNTY:ST. CROIX	STAGE CONSTRUCTION - STAGE 3	SHEET PRE_58	E

FILE NAME : X:\3230600\121622.01\TECH\CAD\10210102\SHEETSPLAN\026001_S3.DWG PLOT DATE : 8/27/2013 2:45 PM PLOT BY : DAVID YAHNKE PLOT NAME : PLOT SCALE : 1 IN:100 FT

WISDOT/CADDS SHEET 44



PROJECT NO:1021-01-72	HWY:IH 94	COUNTY:ST. CROIX	STAGE CONSTRUCTION - STAGE 3	SHEET E

FILE NAME : X:\3230600\121622.01\TECH\CAD\10210102\SHEETSPLAN\026001_S3.DWG PLOT DATE : 8/27/2013 2:46 PM PLOT BY : DAVID YAHNKE PLOT NAME : PLOT SCALE : 1 IN:100 FT

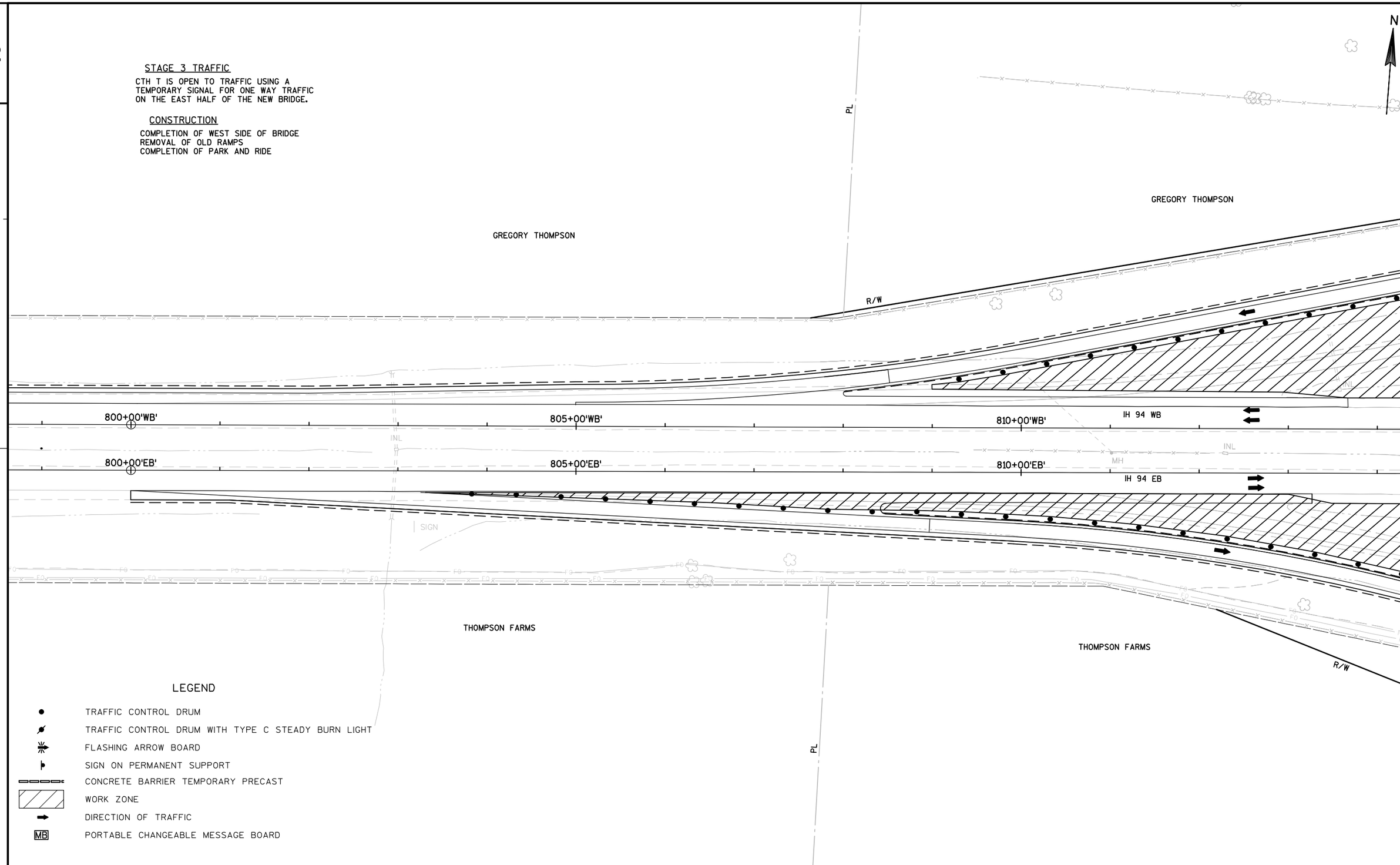
2

STAGE 3 TRAFFIC

CTH T IS OPEN TO TRAFFIC USING A TEMPORARY SIGNAL FOR ONE WAY TRAFFIC ON THE EAST HALF OF THE NEW BRIDGE.

CONSTRUCTION

COMPLETION OF WEST SIDE OF BRIDGE
REMOVAL OF OLD RAMPS
COMPLETION OF PARK AND RIDE



LEGEND

- TRAFFIC CONTROL DRUM
- TRAFFIC CONTROL DRUM WITH TYPE C STEADY BURN LIGHT
- FLASHING ARROW BOARD
- SIGN ON PERMANENT SUPPORT
- CONCRETE BARRIER TEMPORARY PRECAST
- WORK ZONE
- DIRECTION OF TRAFFIC
- MB PORTABLE CHANGEABLE MESSAGE BOARD

PROJECT NO:1021-01-72	HWY:IH 94	COUNTY:ST. CROIX	STAGE CONSTRUCTION - STAGE 3	SHEET PRE_60	E

2

2

N

GREGORY LOOCK

PL

GREGORY L. LOOCK

R/W

SIGN

IH 94 WB

830+00'WB'

835+00'WB'

840+00'WB'

IN

830+00'EB'

835+00'EB'

840+00'EB'

IH 94 EB

R/W

THOMPSON FARMS

THOMPSON FARMS

PL

LEGEND

- TRAFFIC CONTROL DRUM
- TRAFFIC CONTROL DRUM WITH TYPE C STEADY BURN LIGHT
- FLASHING ARROW BOARD
- SIGN ON PERMANENT SUPPORT
- CONCRETE BARRIER TEMPORARY PRECAST
- WORK ZONE
- DIRECTION OF TRAFFIC
- MB PORTABLE CHANGEABLE MESSAGE BOARD

PROJECT NO:1021-01-72	HWY:IH 94	COUNTY:ST. CROIX	STAGE CONSTRUCTION - STAGE 3	SHEET E

FILE NAME : X:\3230600\121622.01\TECH\CAD\10210102\SHEETSPLAN\026001_S3.DWG PLOT DATE : 8/27/2013 2:46 PM PLOT BY : DAVID YAHNKE PLOT NAME : PLOT SCALE : 1 IN:100 FT

2

THOMPSON FARMS

R/W

IH 94 EB

IH 94 WB

820+00'EB'

820+00'WB'

45+00'T'

50+00'T'

CTH T

55+00'T'

R/W

THOMPSON FARMS

R/W

825+00'EB'

825+00'WB'

R/W

GREGORY THOMPSON

RASLAND LLC

RAMP

PL

GREGORY LOOCK

STAGE 4 TRAFFIC

TRAFFIC TO FLOW ON NEW WEST SIDE OF BRIDGE, WORK DONE UNDER FLAGGING

CONSTRUCTION

REMOVE TEMPORARY ASPHALT
PLACE CURB ISLAND
FINAL PAVEMENT MARKINGS

N

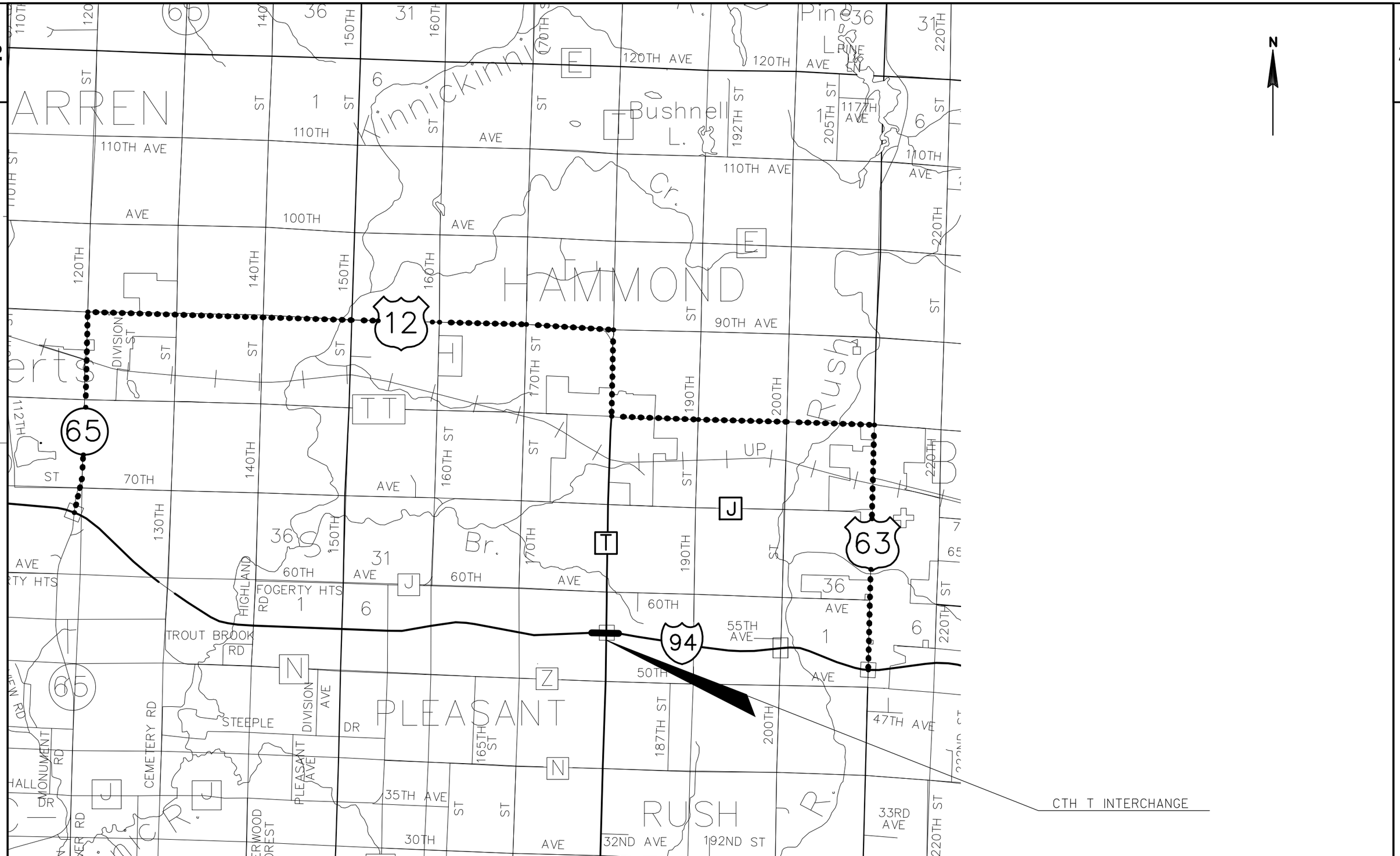
LEGEND

- TRAFFIC CONTROL DRUM
- TRAFFIC CONTROL DRUM WITH TYPE C STEADY BURN LIGHT
- FLASHING ARROW BOARD
- SIGN ON PERMANENT SUPPORT
- CONCRETE BARRIER TEMPORARY PRECAST
- WORK ZONE
- DIRECTION OF TRAFFIC
- MB PORTABLE CHANGEABLE MESSAGE BOARD

2

PROJECT NO:1021-01-72	HWY:IH 94	COUNTY:ST. CROIX	STAGE CONSTRUCTION - STAGE 4	SHEET E

FILE NAME : X:\3230600\121622.01\TECH\CAD\10210102\SHEETSPLAN\026001_S4.DWG PLOT DATE : 8/27/2013 2:46 PM PLOT BY : DAVID YAHNKE PLOT NAME : PLOT SCALE : 1 IN:100 FT

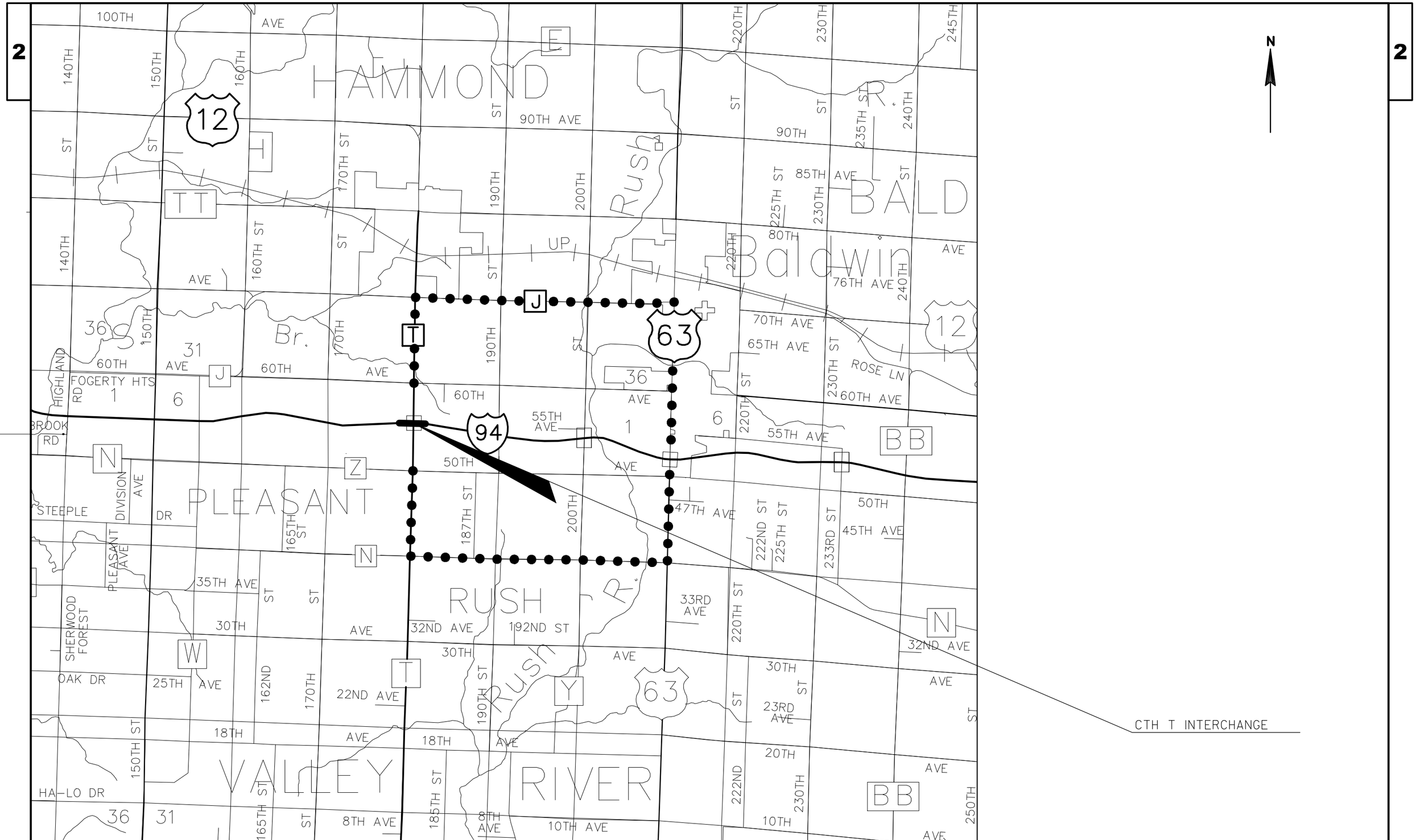


PROJECT NO:1021-01-72	HWY:IH 94	COUNTY:ST. CROIX	INCIDENT ALTERNATE ROUTE	SHEET E

FILE NAME : X:\3230600\121622.01\TECH\CAD\10210102\SHEETSPLAN\027001_DT.DWG PLOT DATE : 8/27/2013 2:46 PM PLOT BY : DAVID YAHNKE PLOT NAME : PLOT SCALE : 1"= 1mi

PRE_63

WISDOT/CADDS SHEET 42



PROJECT NO:1021-01-72	HWY:IH 94	COUNTY:ST. CROIX	CTH T - DETOUR	SHEET E

FILE NAME : X:\3230600\121622.01\TECH\CAD\10210102\SHEETSPLAN\027001_DT.DWG PLOT DATE : 8/27/2013 2:46 PM PLOT BY : DAVID YAHNKE PLOT NAME : PLOT SCALE : 1"= 1mi

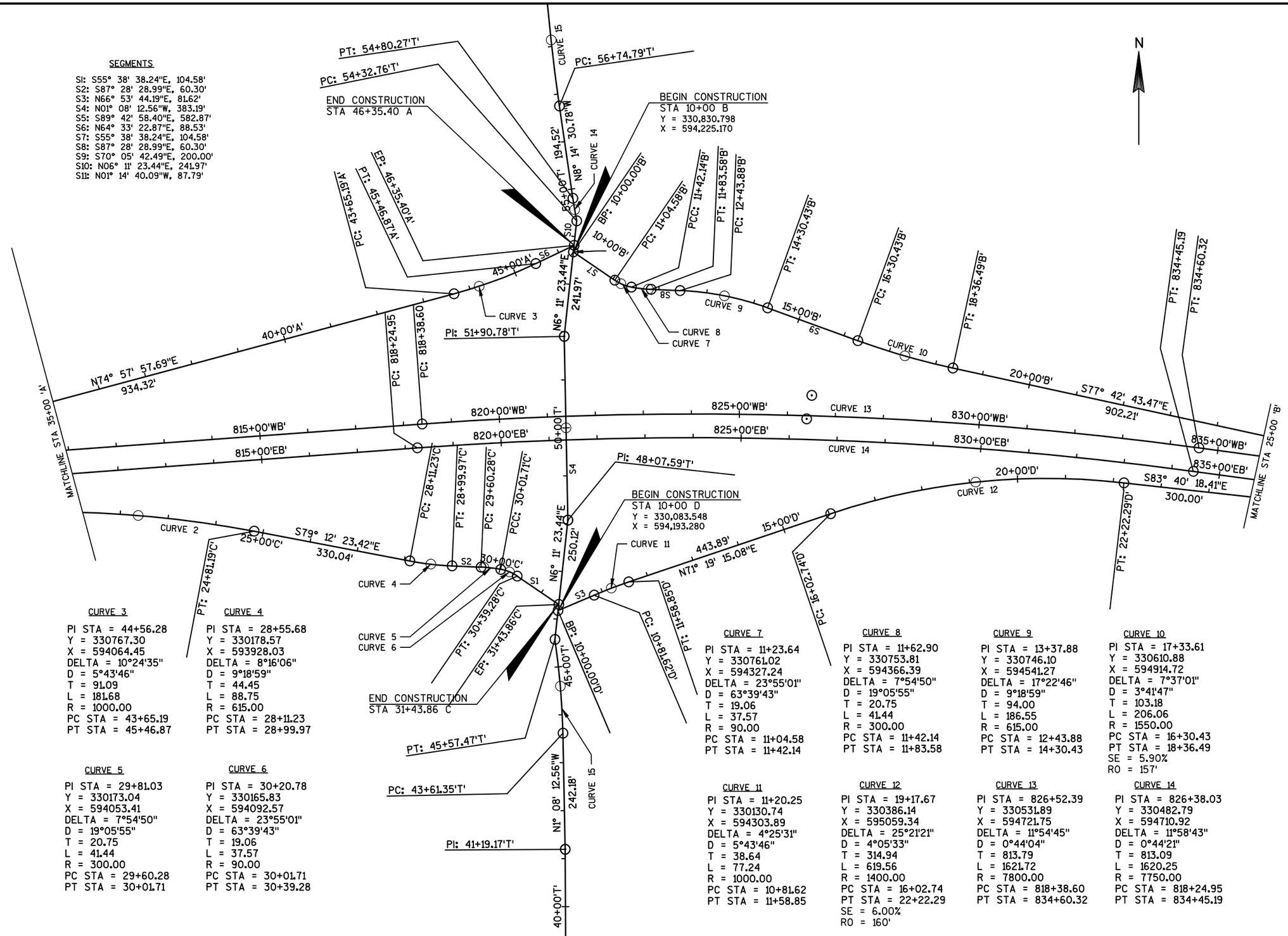
WISDOT/CADDS SHEET 42

CURVE 1	CURVE 2
PI STA = 31+76.33	PI STA = 22+38.35
Y = 330434.90	Y = 330294.52
X = 592826.83	X = 593319.80
DELTA = 10°50'08"	DELTA = 12°12'20"
D = 2°07'19"	D = 2°30'13"
T = 256.07	T = 244.69
L = 510.61	L = 487.53
R = 2700.00	R = 2288.57
PC STA = 29+20.26	PC STA = 19+93.66
PT STA = 34+30.87	PT STA = 24+81.19
SE = 4.70%	SE = 5.10%
RO = 125'	RO = 136'

PROJECT NO:1021-01-72	HWY:IH 94	COUNTY:ST. CROIX	PLAN: ALIGNMENT DETAILS	SHEET E

SEGMENTS

S1: S55° 38' 38.24"E, 104.58'
S2: S87° 28' 28.99"E, 60.30'
S3: N66° 53' 44.19"E, 81.62'
S4: N01° 08' 12.56"W, 383.19'
S5: S89° 42' 58.40"E, 582.87'
S6: N64° 33' 22.87"E, 88.53'
S7: S55° 38' 38.24"E, 104.58'
S8: S87° 28' 28.99"E, 60.30'
S9: S70° 05' 42.49"E, 200.00'
S10: N06° 11' 23.44"E, 241.97'
S11: N01° 14' 40.09"W, 87.79'



CURVE 3
PI STA = 44+56.28
Y = 330767.30
X = 594064.45
DELTA = 10°24'35"
D = 5°43'46"
T = 91.09
L = 181.68
R = 1000.00
PC STA = 43+65.19
PT STA = 45+46.87

CURVE 4
PI STA = 28+55.68
Y = 330178.57
X = 593928.03
DELTA = 8°16'06"
D = 9°18'59"
T = 44.45
L = 88.75
R = 615.00
PC STA = 28+11.23
PT STA = 28+99.97

CURVE 5
PI STA = 29+81.03
Y = 330173.04
X = 594053.41
DELTA = 7°54'50"
D = 19°05'55"
T = 20.75
L = 41.44
R = 300.00
PC STA = 29+60.28
PT STA = 30+01.71

CURVE 6
PI STA = 30+20.78
Y = 330165.83
X = 594092.57
DELTA = 23°55'01"
D = 63°39'43"
T = 19.06
L = 37.57
R = 90.00
PC STA = 30+01.71
PT STA = 30+39.28

CURVE 7
PI STA = 11+23.64
Y = 330761.02
X = 594327.24
DELTA = 23°55'01"
D = 63°39'43"
T = 19.06
L = 37.57
R = 90.00
PC STA = 11+04.58
PT STA = 11+42.14

CURVE 8
PI STA = 11+62.90
Y = 330753.81
X = 594366.39
DELTA = 7°54'50"
D = 19°05'55"
T = 20.75
L = 41.44
R = 300.00
PC STA = 11+42.14
PT STA = 11+83.58

CURVE 9
PI STA = 13+37.88
Y = 330746.10
X = 594541.27
DELTA = 17°22'46"
D = 9°18'59"
T = 94.00
L = 186.55
R = 615.00
PC STA = 12+43.88
PT STA = 14+30.43

CURVE 10
PI STA = 17+33.61
Y = 330610.88
X = 594914.72
DELTA = 7°37'01"
D = 3°41'47"
T = 103.18
L = 206.06
R = 1550.00
PC STA = 16+30.43
PT STA = 18+36.49
SE = 5.90%
RO = 157'

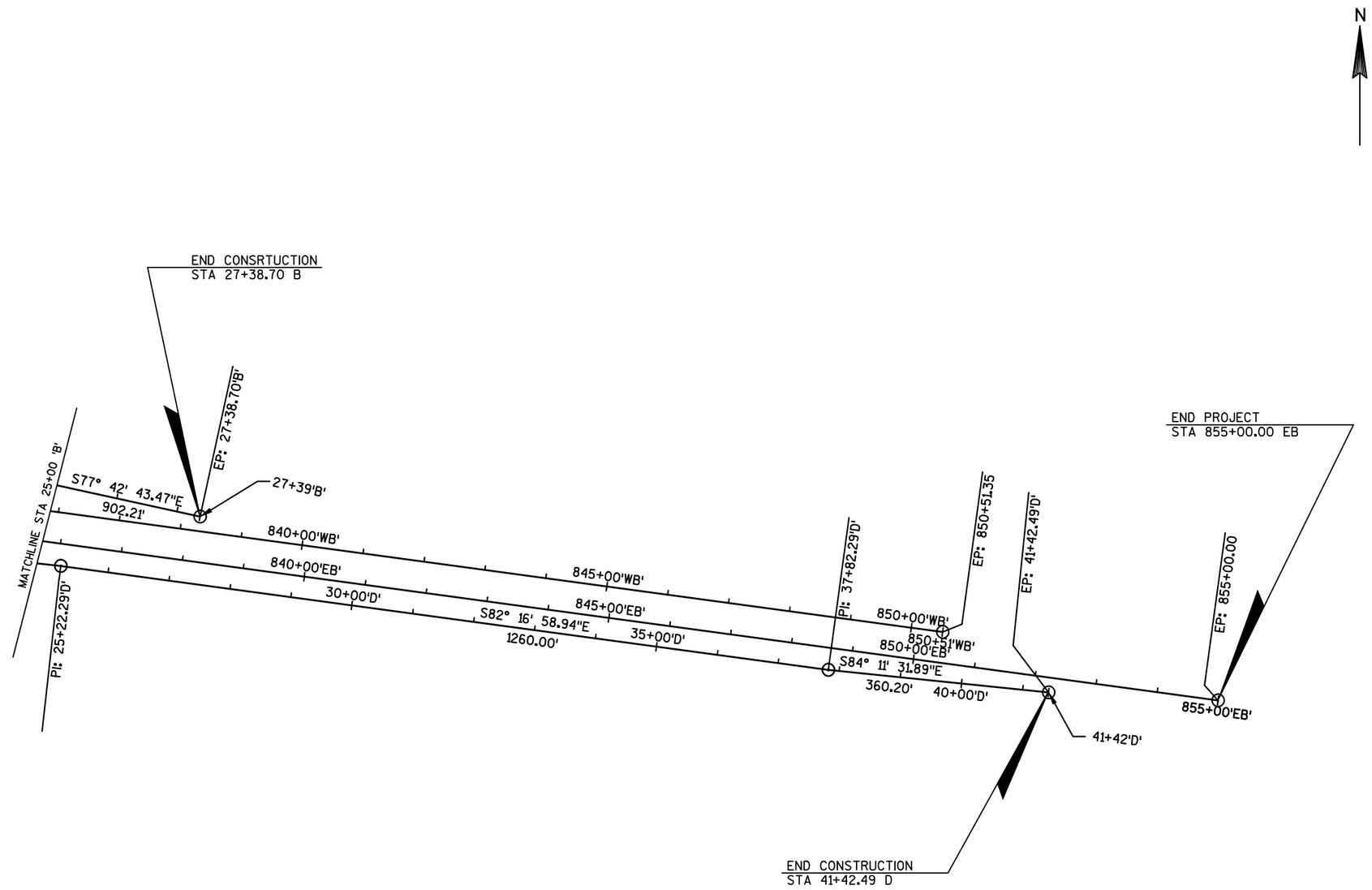
CURVE 11
PI STA = 11+20.25
Y = 330130.74
X = 594303.89
DELTA = 4°25'31"
D = 5°43'46"
T = 38.64
L = 77.24
R = 1000.00
PC STA = 10+81.62
PT STA = 11+58.85

CURVE 12
PI STA = 19+17.67
Y = 330386.14
X = 595059.34
DELTA = 25°21'21"
D = 4°05'33"
T = 314.94
L = 619.56
R = 1400.00
PC STA = 16+02.74
PT STA = 22+22.29
SE = 6.00%
RO = 160'

CURVE 13
PI STA = 826+52.39
Y = 330531.89
X = 594721.75
DELTA = 11°54'45"
D = 0°44'04"
T = 813.79
L = 1621.72
R = 7800.00
PC STA = 818+38.60
PT STA = 834+60.32

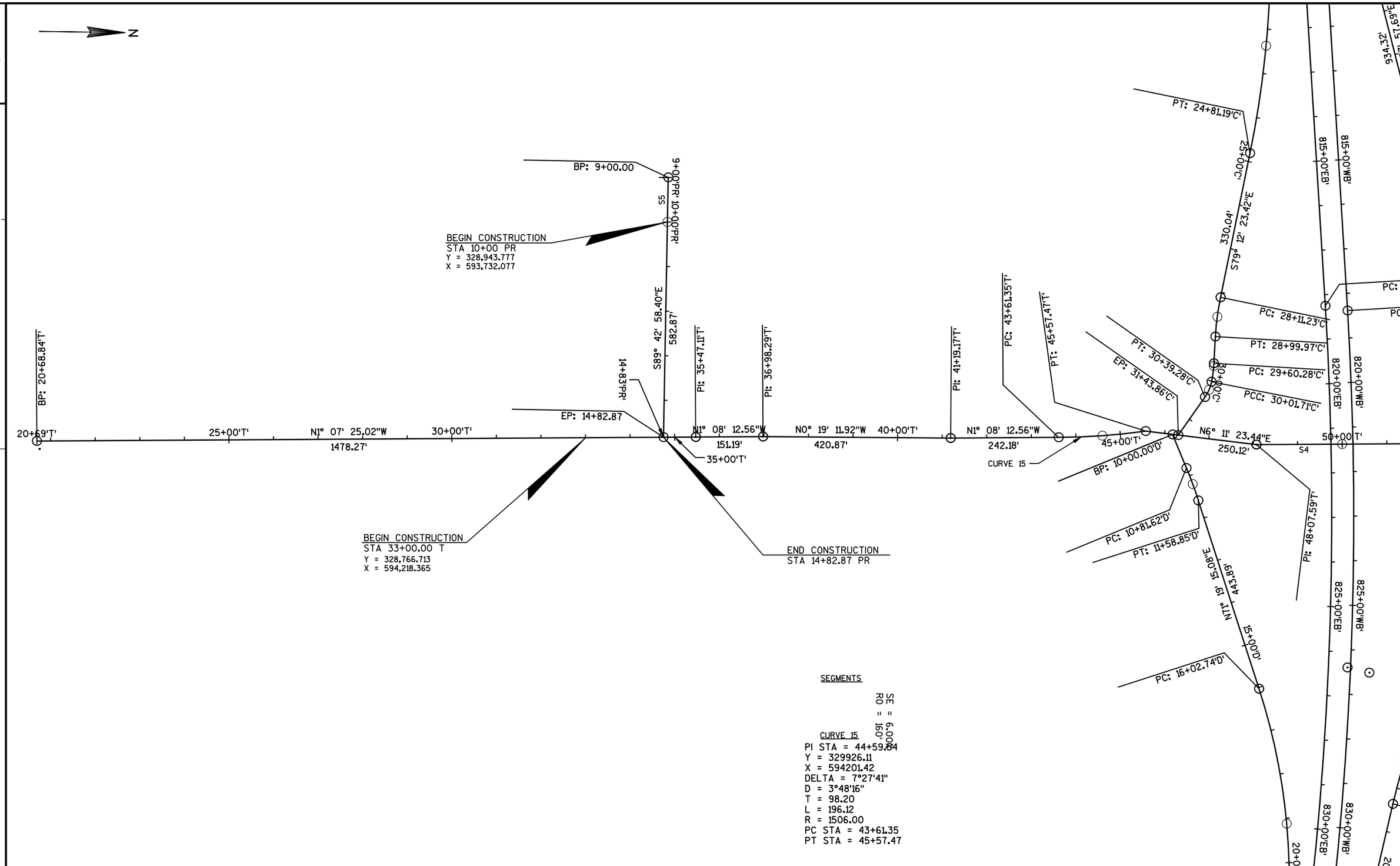
CURVE 14
PI STA = 826+38.03
Y = 330482.79
X = 594710.92
DELTA = 11°58'43"
D = 0°44'21"
T = 813.09
L = 1620.25
R = 7750.00
PC STA = 818+24.95
PT STA = 834+45.19

PROJECT NO:1021-01-72	HWY:IH 94	COUNTY:ST. CROIX	PLAN: ALIGNMENT DETAILS	SHEET E



PROJECT NO:1021-01-72	HWY:IH 94	COUNTY:ST. CROIX	PLAN: ALIGNMENT DETAILS	SHEET E

FILE NAME : X:\3230600\121622.01\TECH\CAD\10210102\SHEETSPLAN\027201_AD.DWG PLOT DATE : 8/27/2013 2:46 PM PLOT BY : DAVID YAHNKE PLOT NAME : PLOT SCALE : 1 IN:200 FT

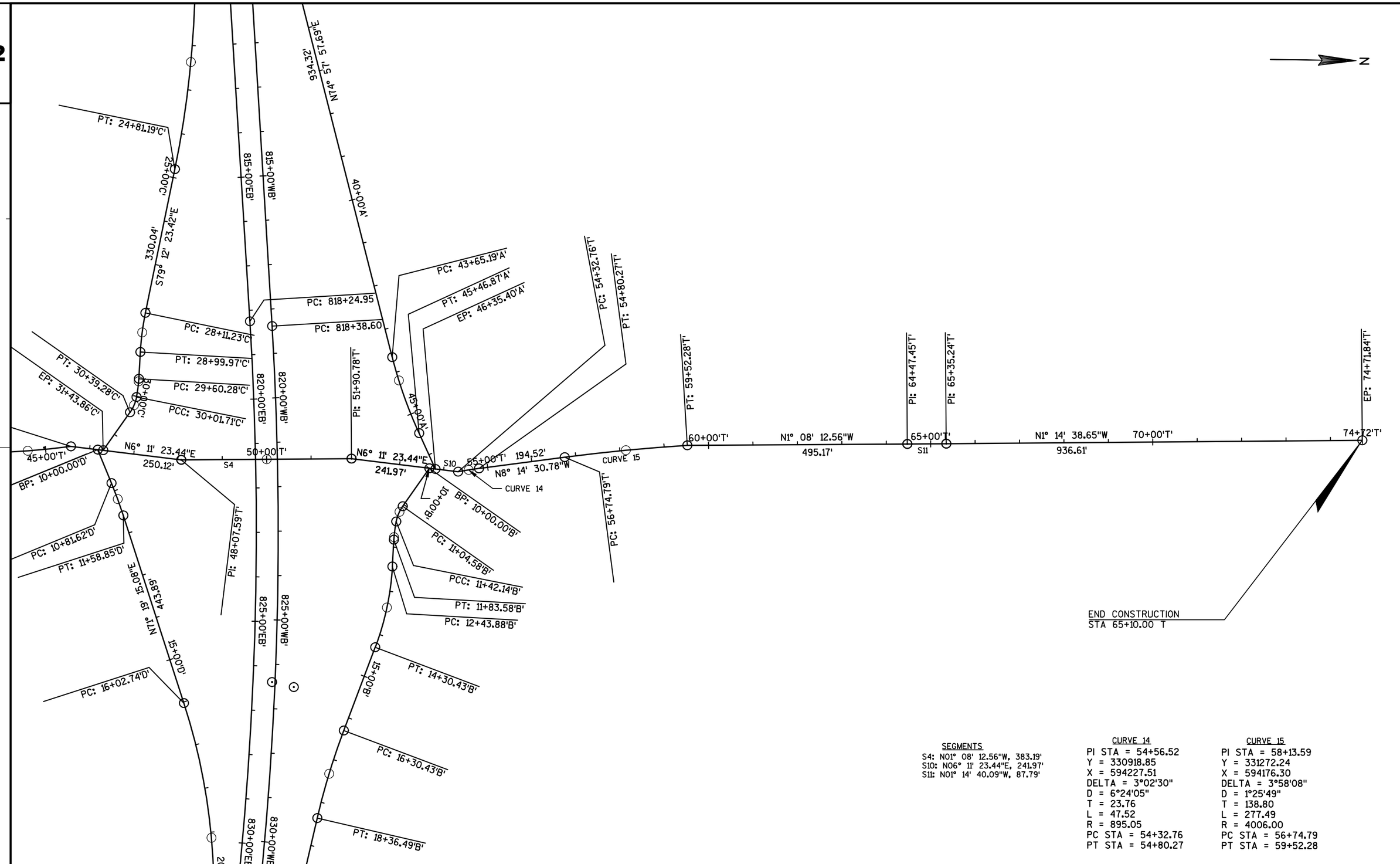


PROJECT NO:1021-01-72	HWY:IH 94	COUNTY:ST. CROIX	PLAN: ALIGNMENT DETAILS	SHEET E

FILE NAME : X:\3230600\121622.01\TECH\CAD\10210102\SHEETSPLAN\027201_AD.DWG PLOT DATE : 8/27/2013 2:47 PM PLOT BY : DAVID YAHNKE PLOT NAME : PLOT SCALE : 1 IN:200 FT

PRE_68

WISDOT/CADDS SHEET 42



PROJECT NO:1021-01-72	HWY:IH 94	COUNTY:ST. CROIX	PLAN: ALIGNMENT DETAILS	SHEET E

FILE NAME : X:\3230600\121622.01\TECH\CAD\10210102\SHEETSPLAN\027201_AD.DWG PLOT DATE : 8/27/2013 2:47 PM PLOT BY : DAVID YAHNKE PLOT NAME : PLOT SCALE : 1 IN:200 FT

WISDOT/CADDS SHEET 42

2

CURVE 16
PI STA = 44+93.43
Y = 329959.91
X = 594194.74
DELTA = 10°04'05"
D = 3°49'11"
T = 132.13
L = 263.58
R = 1500.00
PC STA = 43+61.30
PT STA = 46+24.88

CURVE 17
PI STA = 47+24.02
Y = 330183.24
X = 594136.73
DELTA = 60°48'26"
D = 98°47'09"
T = 34.03
L = 61.55
R = 58.00
PC STA = 46+89.99
PT STA = 47+51.54

CURVE 18
PI STA = 48+33.15
Y = 330269.49
X = 594213.75
DELTA = 42°54'12"
D = 50°42'15"
T = 44.40
L = 84.62
R = 113.00
PC STA = 47+88.74
PT STA = 48+73.36

CURVE 19
PI STA = 52+00.64
Y = 330641.10
X = 594206.38
DELTA = 23°29'09"
D = 26°02'37"
T = 45.73
L = 90.18
R = 220.00
PC STA = 51+54.91
PT STA = 52+45.09

CURVE 20
PI STA = 53+34.81
Y = 330764.26
X = 594149.97
DELTA = 61°46'01"
D = 98°47'09"
T = 34.69
L = 62.53
R = 58.00
PC STA = 53+00.12
PT STA = 53+62.65

CURVE 21
PI STA = 54+40.01
Y = 330853.54
X = 594217.67
DELTA = 39°43'04"
D = 53°03'06"
T = 39.01
L = 74.87
R = 108.00
PC STA = 54+01.00
PT STA = 54+75.87

CURVE 22
PI STA = 54+92.56
Y = 330909.20
X = 594215.19
DELTA = 6°00'43"
D = 18°01'03"
T = 16.70
L = 33.37
R = 318.00
PC STA = 54+75.87
PT STA = 55+09.23

CURVE 23
PI STA = 57+15.15
Y = 331129.33
X = 594182.05
DELTA = 3°42'27"
D = 2°17'31"
T = 80.91
L = 161.77
R = 2500.00
PC STA = 56+34.24
PT STA = 57+96.01

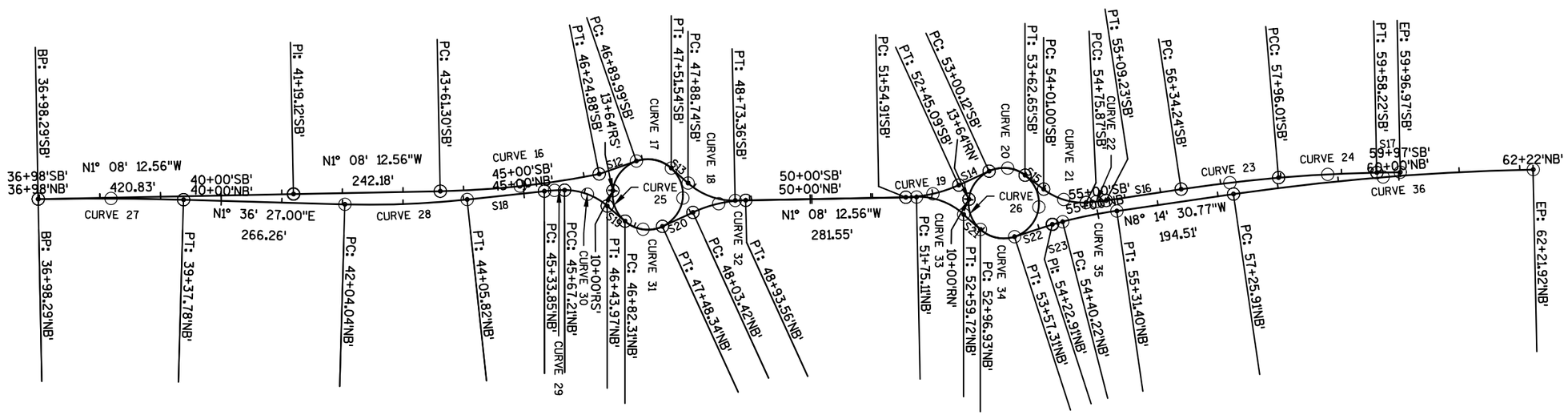
CURVE 24
PI STA = 58+77.14
Y = 331290.80
X = 594168.33
DELTA = 3°43'03"
D = 2°17'31"
T = 81.13
L = 162.21
R = 2500.00
PC STA = 57+96.01
PT STA = 59+58.22

N

CURVE 16
PI STA = 10+00.00
Y = 330112.33
X = 594196.40
DELTA = 359°59'51"
D = 98°47'09"
T = 0.00
L = 364.42
R = 58.00
PC STA = 10+00.00
PT STA = 13+64.42

CURVE 17
PI STA = 10+00.00
Y = 330699.20
X = 594210.90
DELTA = 359°59'59"
D = 98°47'09"
T = 0.00
L = 364.42
R = 58.00
PC STA = 10+00.00
PT STA = 13+64.42

SEGMENTS
S12: N19° 02' 25.95"W, 65.11'
S13: N41° 45' 59.78"E, 37.20'
S14: N24° 35' 55.53"W, 55.04'
S15: N37° 10' 05.26"E, 38.35'
S16: N8° 33' 42.50"W, 125.01'
S17: N1° 08' 12.56"W, 38.75'
S18: N6° 05' 59.47"W, 128.03'
S19: N40° 37' 48.29"E, 38.35'
S20: N24° 35' 55.53"W, 55.07'
S21: N41° 45' 59.78"E, 37.20'
S22: N17° 53' 16.13"W, 65.59'
S23: N14° 23' 16.78"W, 17.31'



CURVE 27
PI STA = 38+18.06
Y = 329284.67
X = 594208.14
DELTA = 2°44'40"
D = 1°08'45"
T = 119.77
L = 239.49
R = 5000.00
PC STA = 36+98.29
PT STA = 39+37.78

CURVE 28
PI STA = 43+05.08
Y = 329771.55
X = 594221.81
DELTA = 7°42'26"
D = 3°49'11"
T = 101.04
L = 201.78
R = 1500.00
PC STA = 42+04.04
PT STA = 44+05.82

CURVE 29
PI STA = 45+50.55
Y = 330015.93
X = 594195.69
DELTA = 6°00'43"
D = 18°01'03"
T = 16.70
L = 33.37
R = 318.00
PC STA = 45+33.85
PT STA = 45+67.21

CURVE 30
PI STA = 46+07.29
Y = 330072.70
X = 594195.60
DELTA = 40°43'05"
D = 53°03'06"
T = 40.08
L = 76.75
R = 108.00
PC STA = 45+67.21
PT STA = 46+43.97

CURVE 31
PI STA = 47+19.43
Y = 330160.39
X = 594270.84
DELTA = 65°13'44"
D = 98°47'09"
T = 37.11
L = 66.03
R = 58.00
PC STA = 46+82.31
PT STA = 47+48.34

CURVE 32
PI STA = 48+49.13
Y = 330285.77
X = 594213.43
DELTA = 23°28'36"
D = 26°02'37"
T = 45.71
L = 90.14
R = 220.00
PC STA = 48+03.42
PT STA = 48+93.56

CURVE 33
PI STA = 52+19.51
Y = 330657.36
X = 594206.05
DELTA = 42°54'12"
D = 50°42'15"
T = 44.40
L = 84.62
R = 113.00
PC STA = 51+75.11
PT STA = 52+59.72

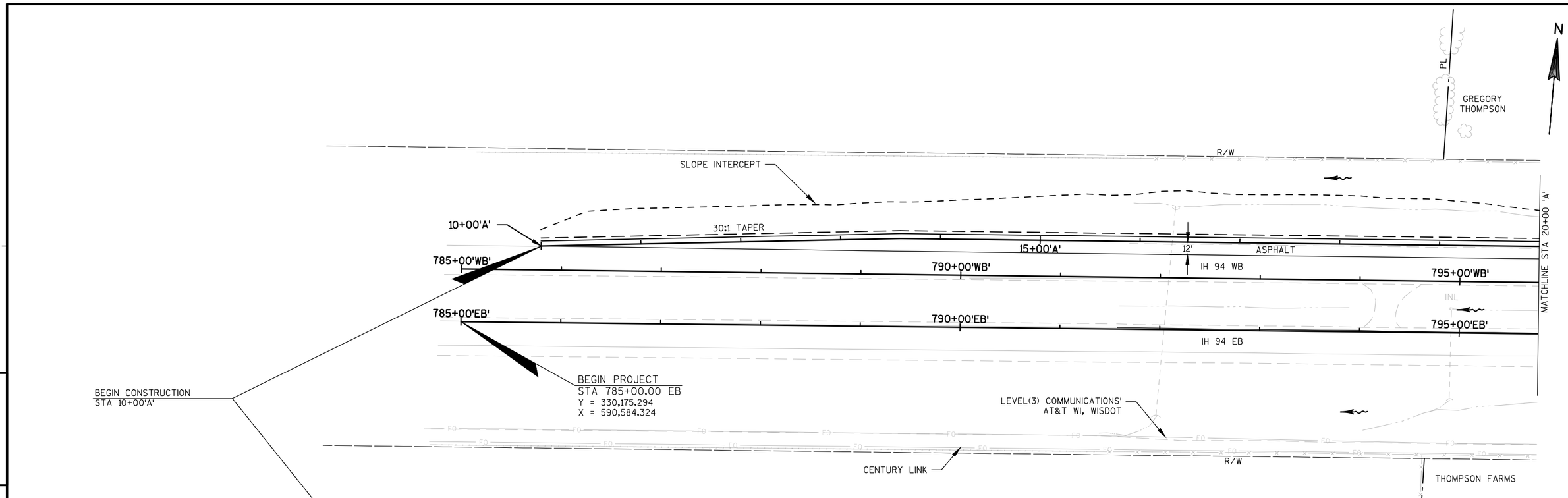
CURVE 34
PI STA = 53+30.18
Y = 330743.03
X = 594282.56
DELTA = 59°39'16"
D = 98°47'09"
T = 33.25
L = 60.39
R = 58.00
PC STA = 52+96.93
PT STA = 53+57.31

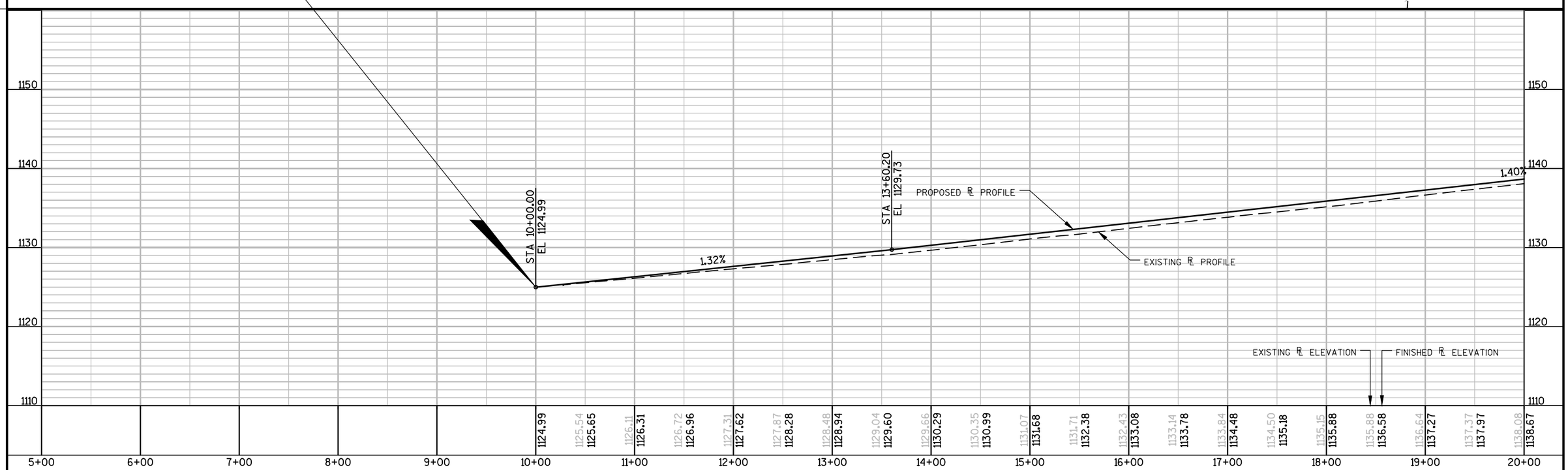
CURVE 35
PI STA = 54+85.85
Y = 330898.06
X = 594236.56
DELTA = 6°08'46"
D = 6°44'26"
T = 45.63
L = 91.18
R = 850.00
PC STA = 54+40.22
PT STA = 55+31.40

CURVE 36
PI STA = 59+74.23
Y = 331381.49
X = 594166.54
DELTA = 7°06'17"
D = 1°25'57"
T = 248.32
L = 496.01
R = 4000.00
PC STA = 57+25.91
PT STA = 62+21.92

PROJECT NO:1021-01-72	HWY:IH 94	COUNTY:ST. CROIX	PLAN: ALIGNMENT DETAILS	SHEET PRE_70	E

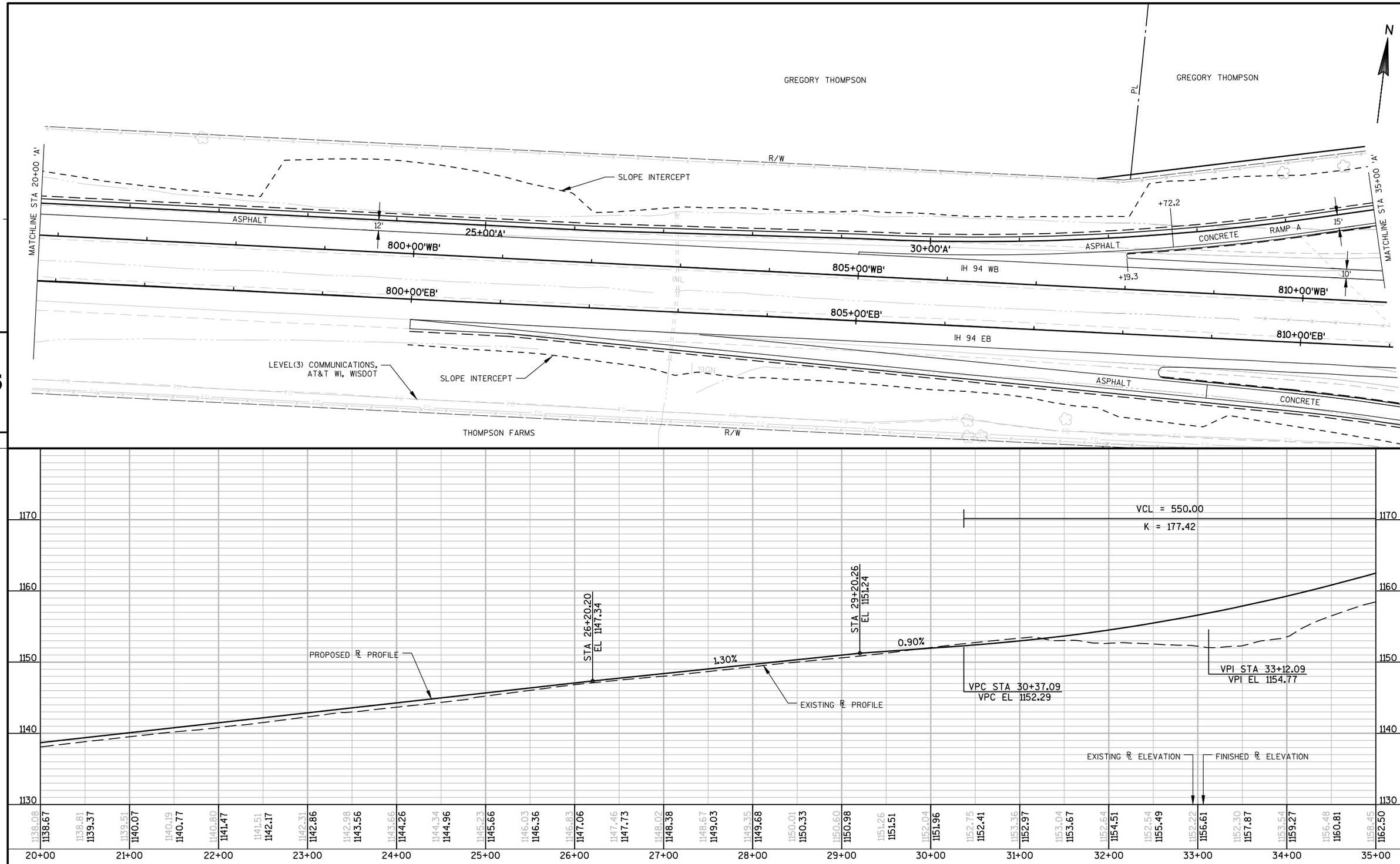
FILE NAME : X:\3230600\121622.01\TECH\CAD\10210102\SHEETSPLAN\027202_AD.DWG PLOT DATE : 8/27/2013 2:47 PM PLOT BY : DAVID YAHNKE PLOT NAME : PLOT SCALE : 1 IN:200 FT





PROJECT NO:1021-01-72	HWY:IH 94	COUNTY:ST. CROIX	PLAN AND PROFILE: RAMP A	SHEET E

FILE NAME : X:\3230600\121622.01\TECH\CAD\10210102\SHEETSPLAN\050102_PP(RAMP A).DWG PLOT DATE : 8/27/2013 3:06 PM PLOT BY : DAVID YAHNKE PLOT NAME : PLOT SCALE : 1 IN:100 FT

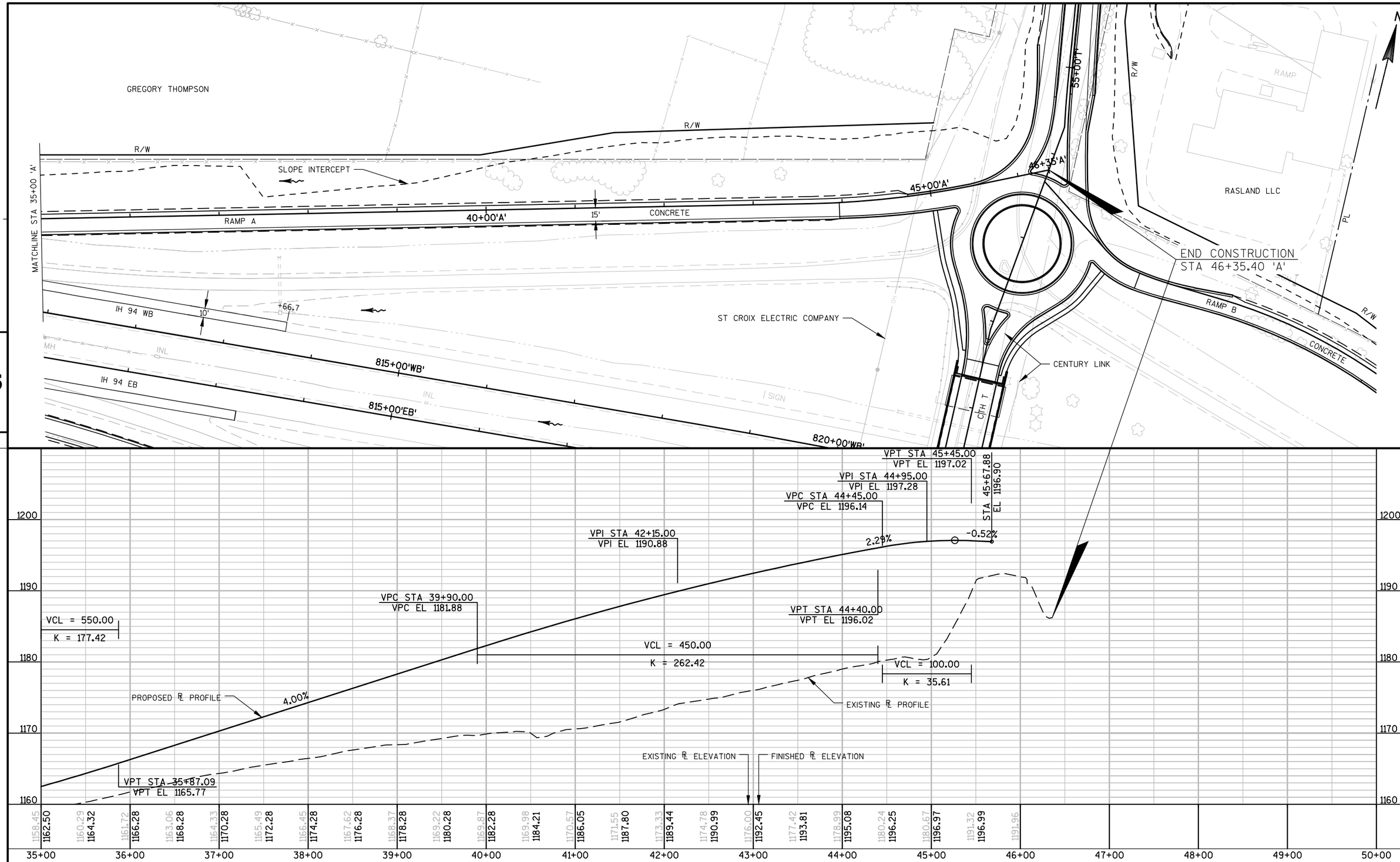


PROJECT NO:1021-01-72	HWY:IH 94	COUNTY:ST. CROIX	PLAN AND PROFILE: RAMP A	SHEET E

PRE_72

FILE NAME : X:\3230600\121622.01\TECH\CAD\10210102\SHEETSPLAN\050102_PP(RAMP A).DWG PLOT DATE : 8/27/2013 2:47 PM PLOT BY : DAVID YAHNKE PLOT NAME : PLOT SCALE : 1 IN:100 FT

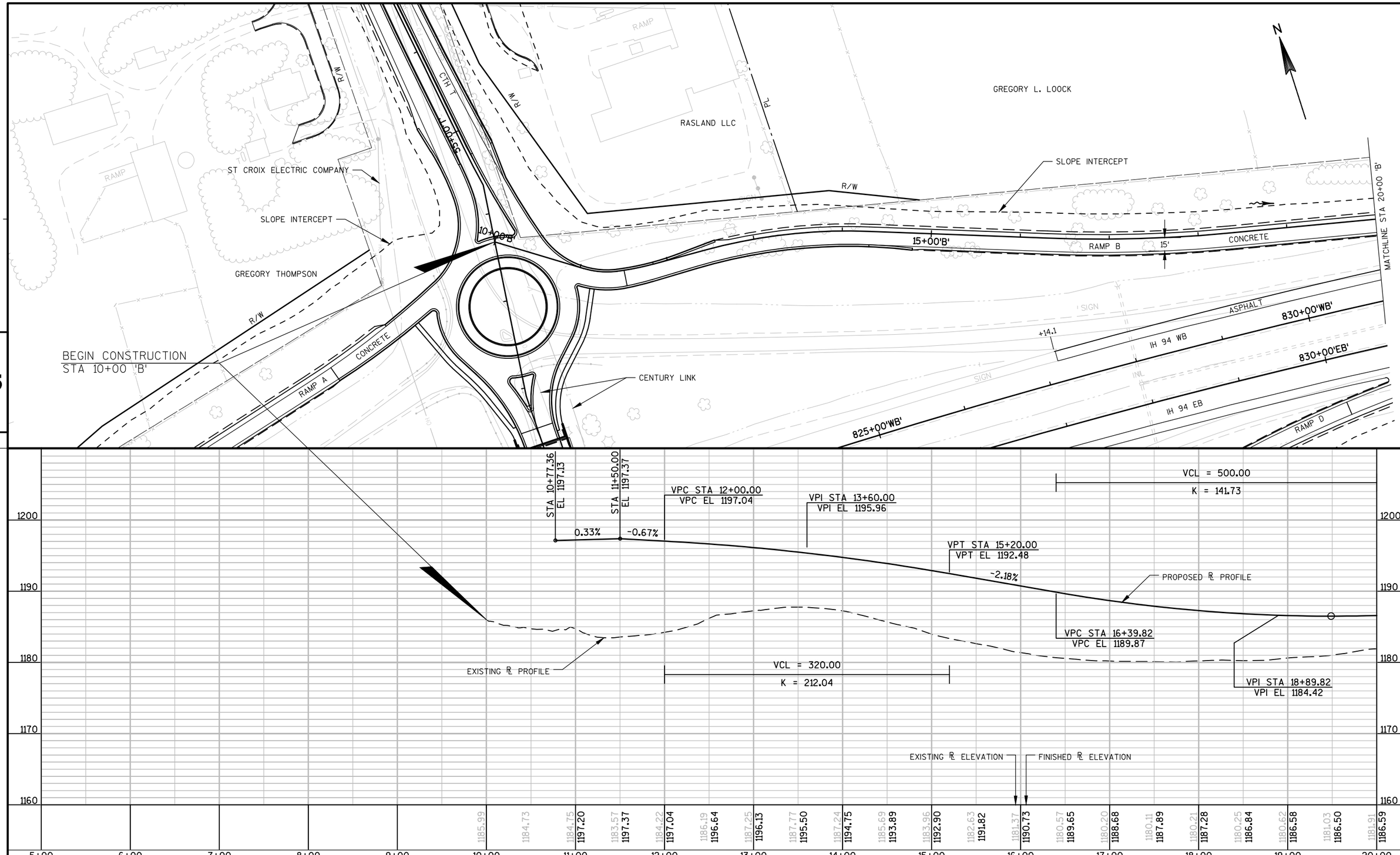
WISDOT/CADDS SHEET 44



PROJECT NO:1021-01-72	HWY:IH 94	COUNTY:ST. CROIX	PLAN AND PROFILE: RAMP A	SHEET E

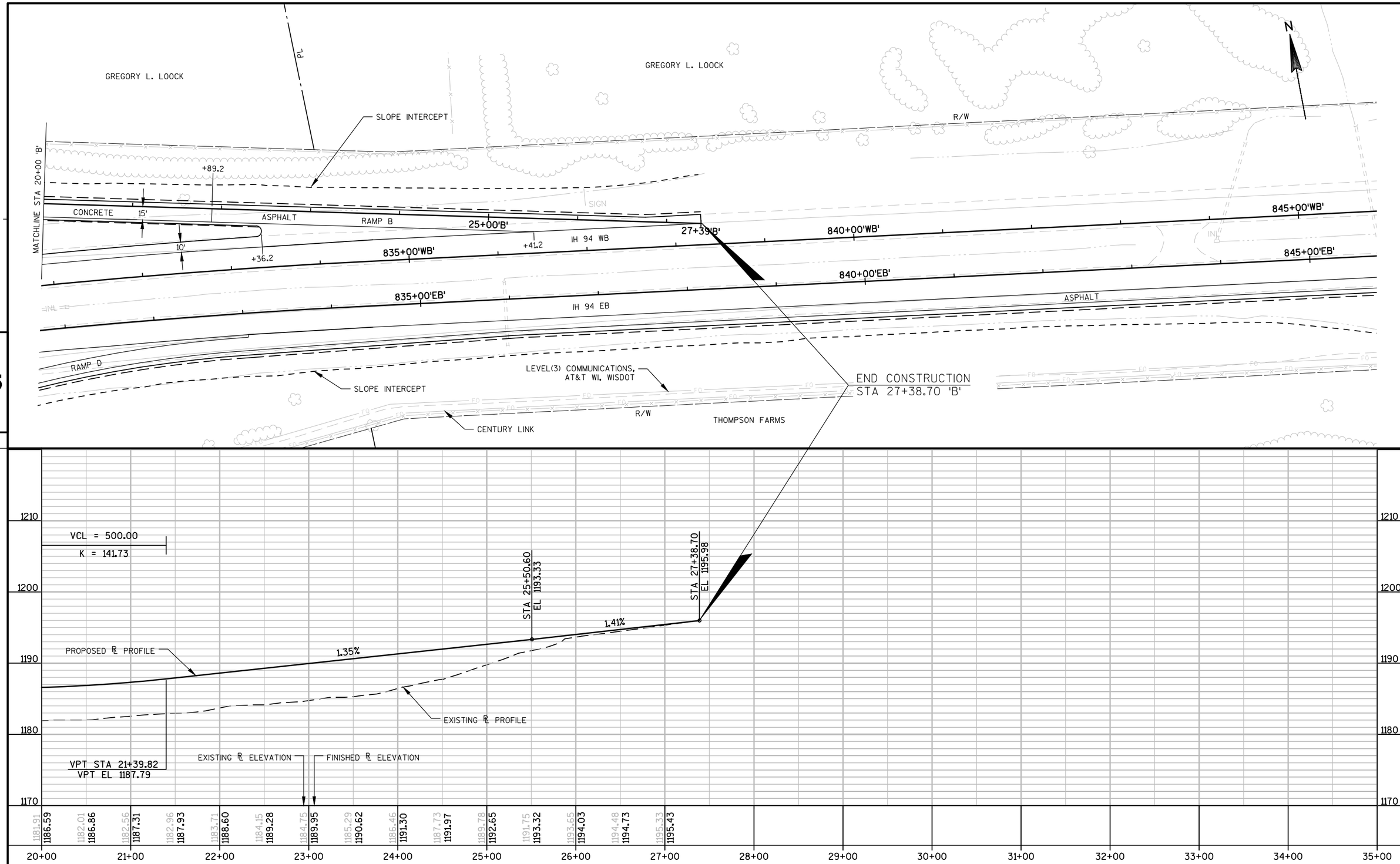
FILE NAME : X:\3230600\121622.01\TECH\CAD\10210102\SHEETSPLAN\050102_PP(RAMP A).DWG PLOT DATE : 8/27/2013 2:48 PM PLOT BY : DAVID YAHNKE PLOT NAME : PLOT SCALE : 1 IN:100 FT

WISDOT/CADDS SHEET 44



PROJECT NO:1021-01-72	HWY:IH 94	COUNTY:ST. CROIX	PLAN AND PROFILE: RAMP B	SHEET E

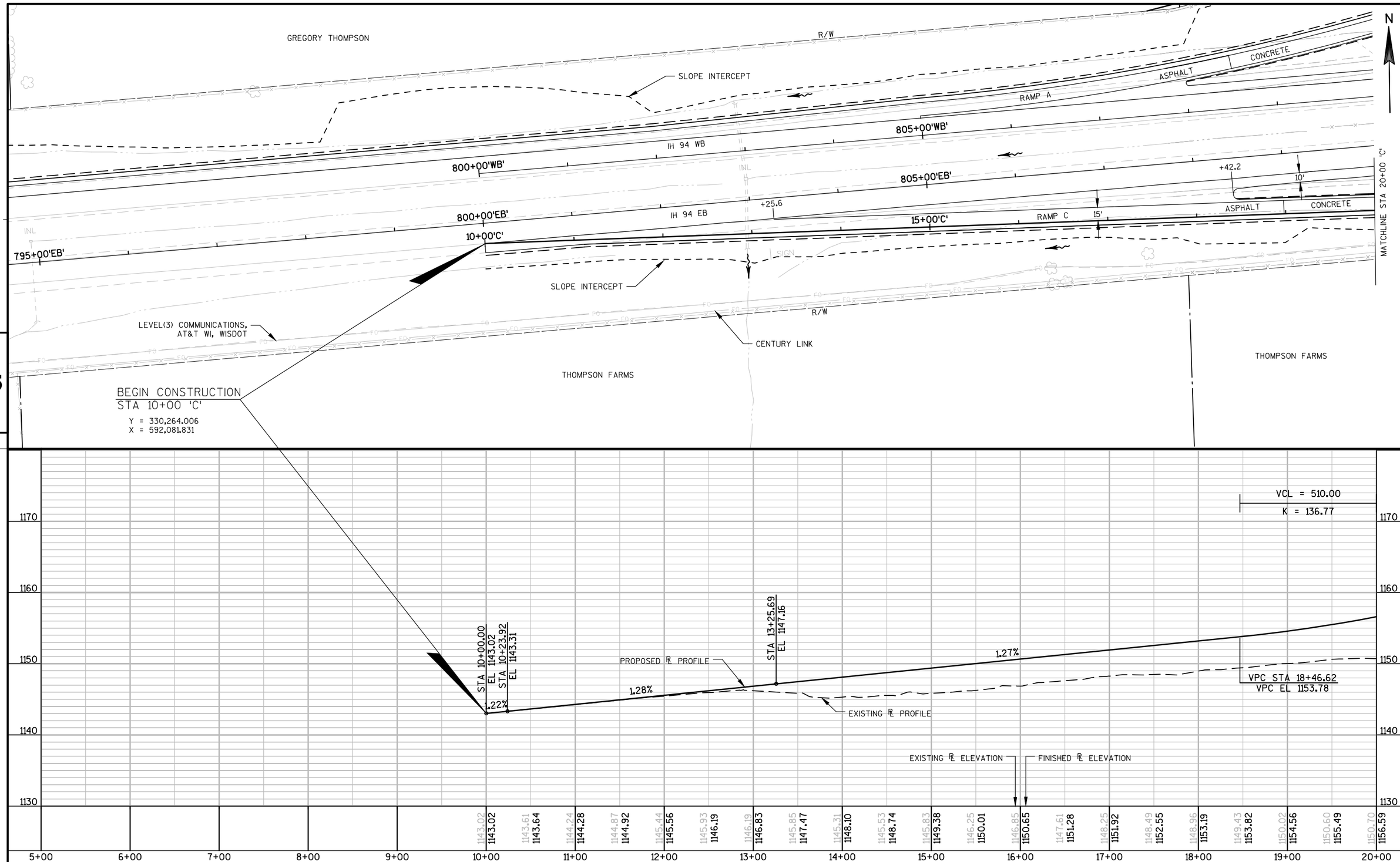
FILE NAME : X:\3230600\121622.01\TECH\CAD\10210102\SHEETSPLAN\050103_PP(RAMP B).DWG PLOT DATE : 8/27/2013 2:48 PM PLOT BY : DAVID YAHNKE PLOT NAME : PLOT SCALE : 1 IN:100 FT



PROJECT NO:1021-01-72	HWY:IH 94	COUNTY:ST. CROIX	PLAN AND PROFILE: RAMP B	SHEET E

FILE NAME : X:\3230600\121622.01\TECH\CAD\10210102\SHEETSPLAN\050103_PP(RAMP B).DWG PLOT DATE : 8/27/2013 2:48 PM PLOT BY : DAVID YAHNKE PLOT NAME : PLOT SCALE : 1 IN:100 FT

WISDOT/CADDS SHEET 44

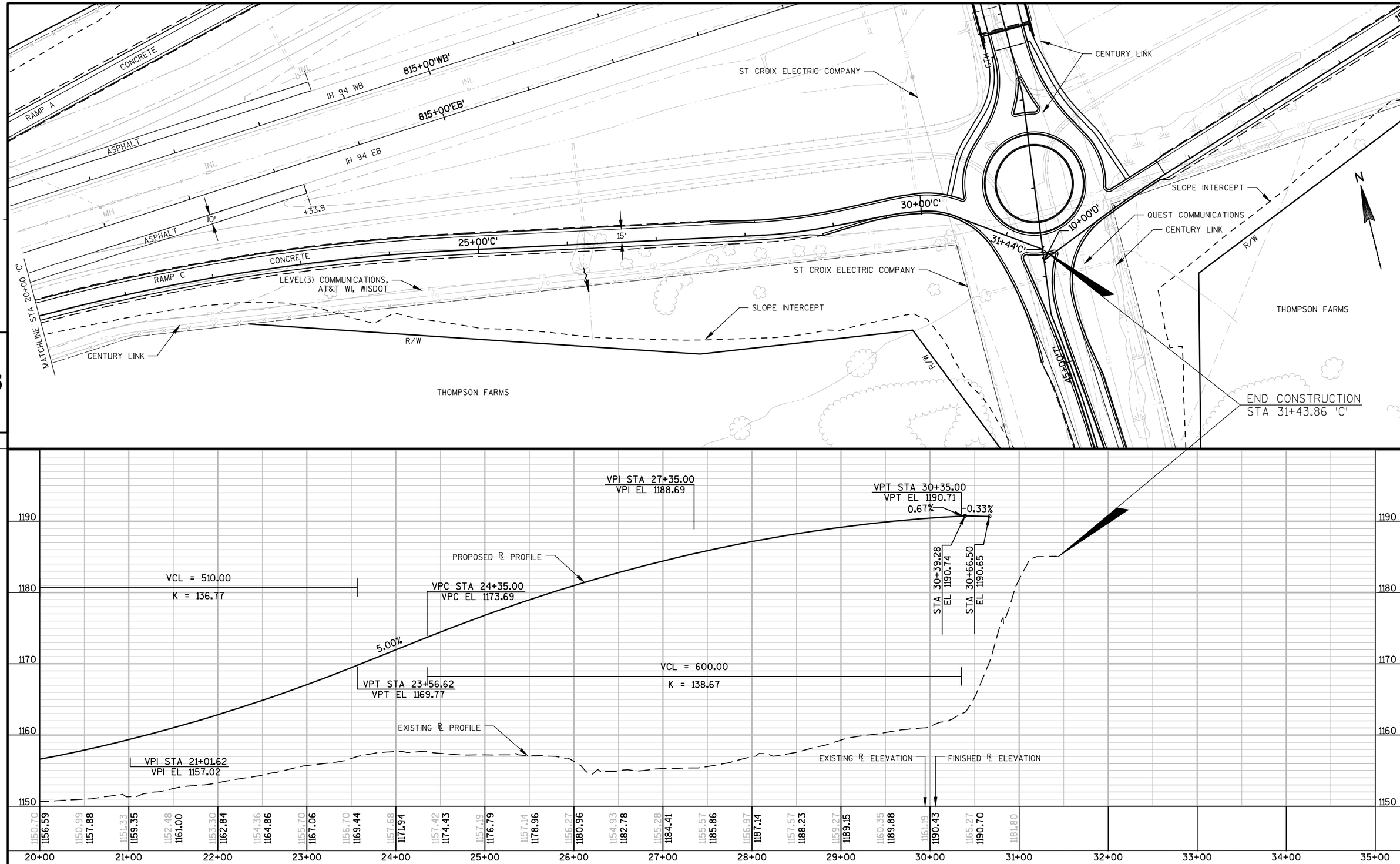


5

5

PROJECT NO:1021-01-72	HWY:IH 94	COUNTY:ST. CROIX	PLAN AND PROFILE: RAMP C	SHEET E

FILE NAME : X:\3230600\121622.01\TECH\CAD\10210102\SHEETSPLAN\050104_PP(RAMP C).DWG PLOT DATE : 8/27/2013 2:49 PM PLOT BY : DAVID YAHNKE PLOT NAME : PLOT SCALE : 1 IN:100 FT

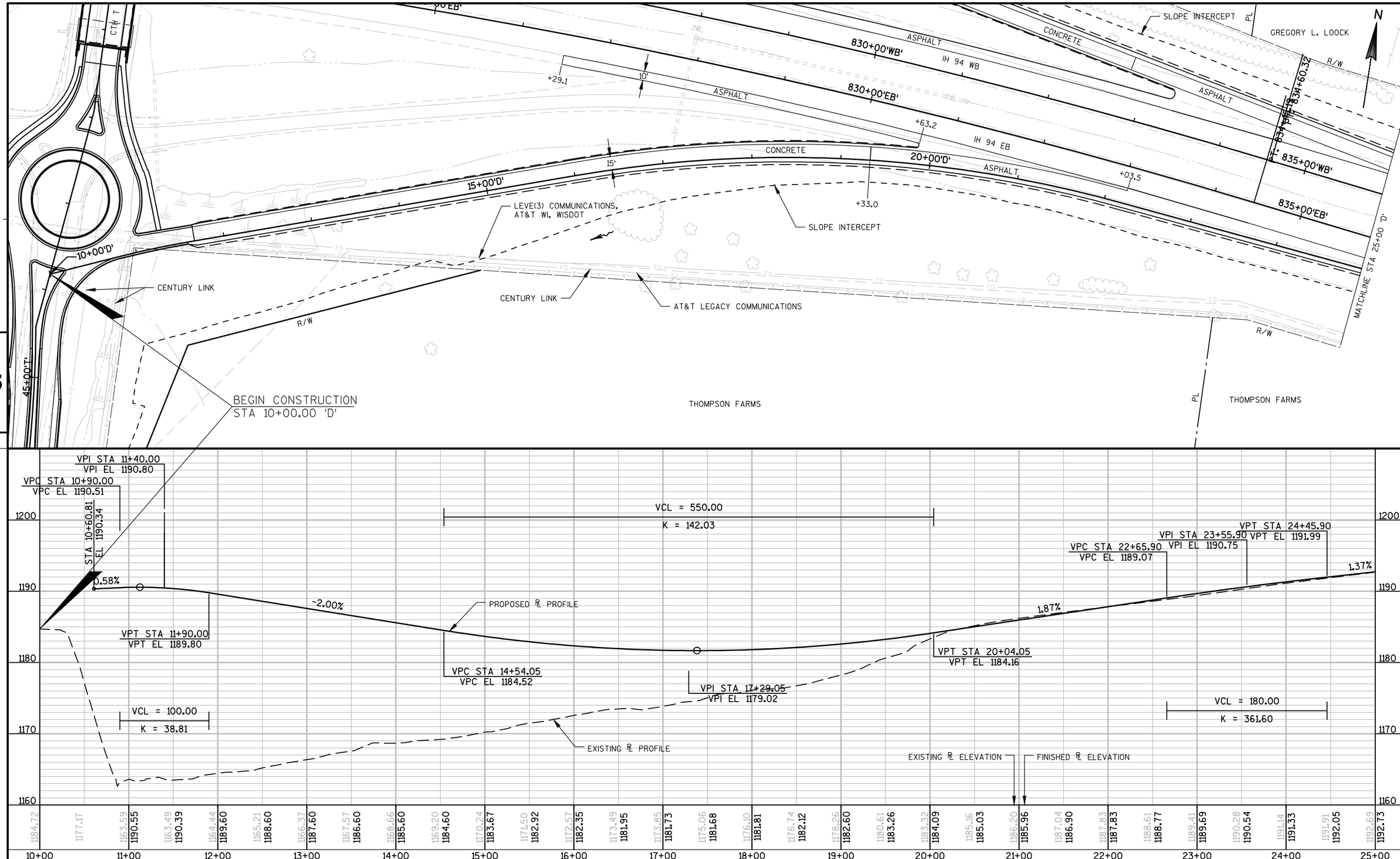


PROJECT NO:1021-01-72	HWY:IH 94	COUNTY:ST. CROIX	PLAN AND PROFILE: RAMP C	SHEET E

FILE NAME : X:\3230600\121622.01\TECH\CAD\10210102\SHEETSPLAN\050104_PP(RAMP C).DWG PLOT DATE : 8/27/2013 2:49 PM PLOT BY : DAVID YAHNKE PLOT NAME : PLOT SCALE : 1 IN:100 FT

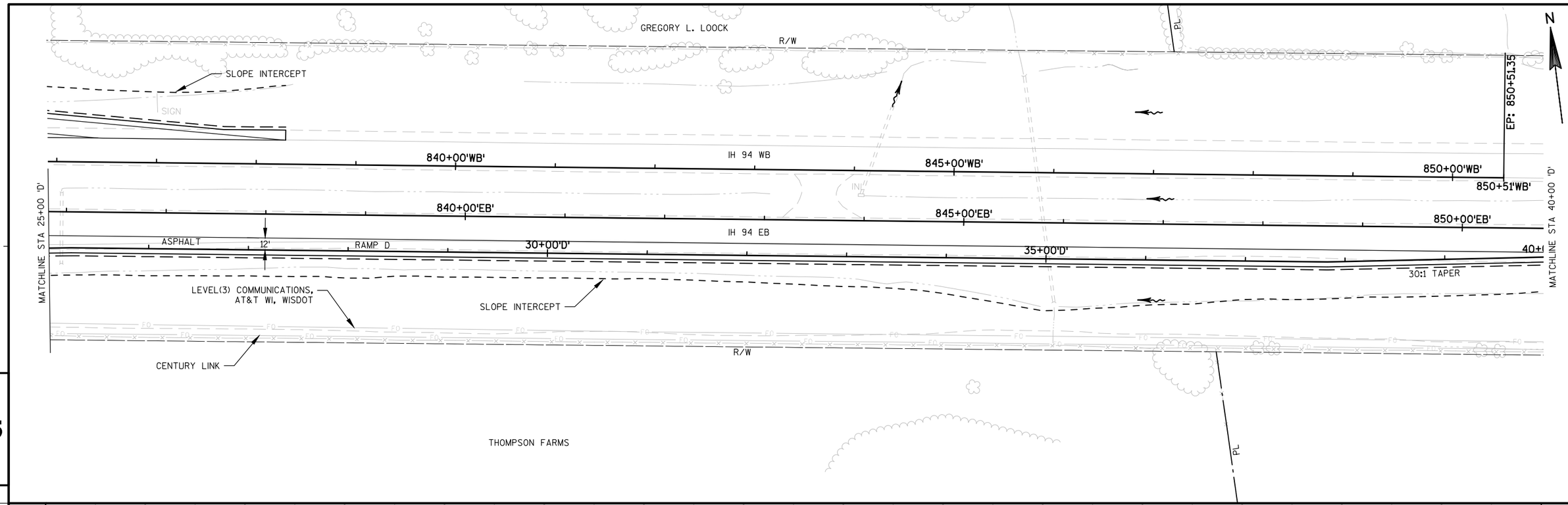
PRE_77

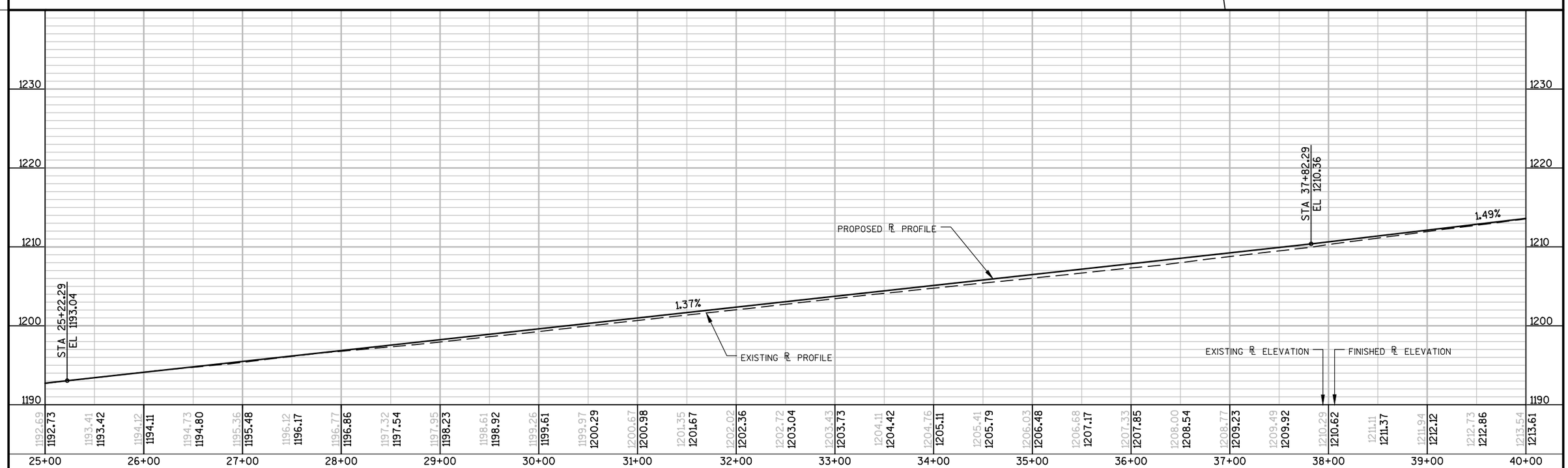
WISDOT/CADDS SHEET 44



PROJECT NO:1021-01-72	HWY:IH 94	COUNTY:ST. CROIX	PLAN AND PROFILE: RAMP D	SHEET E

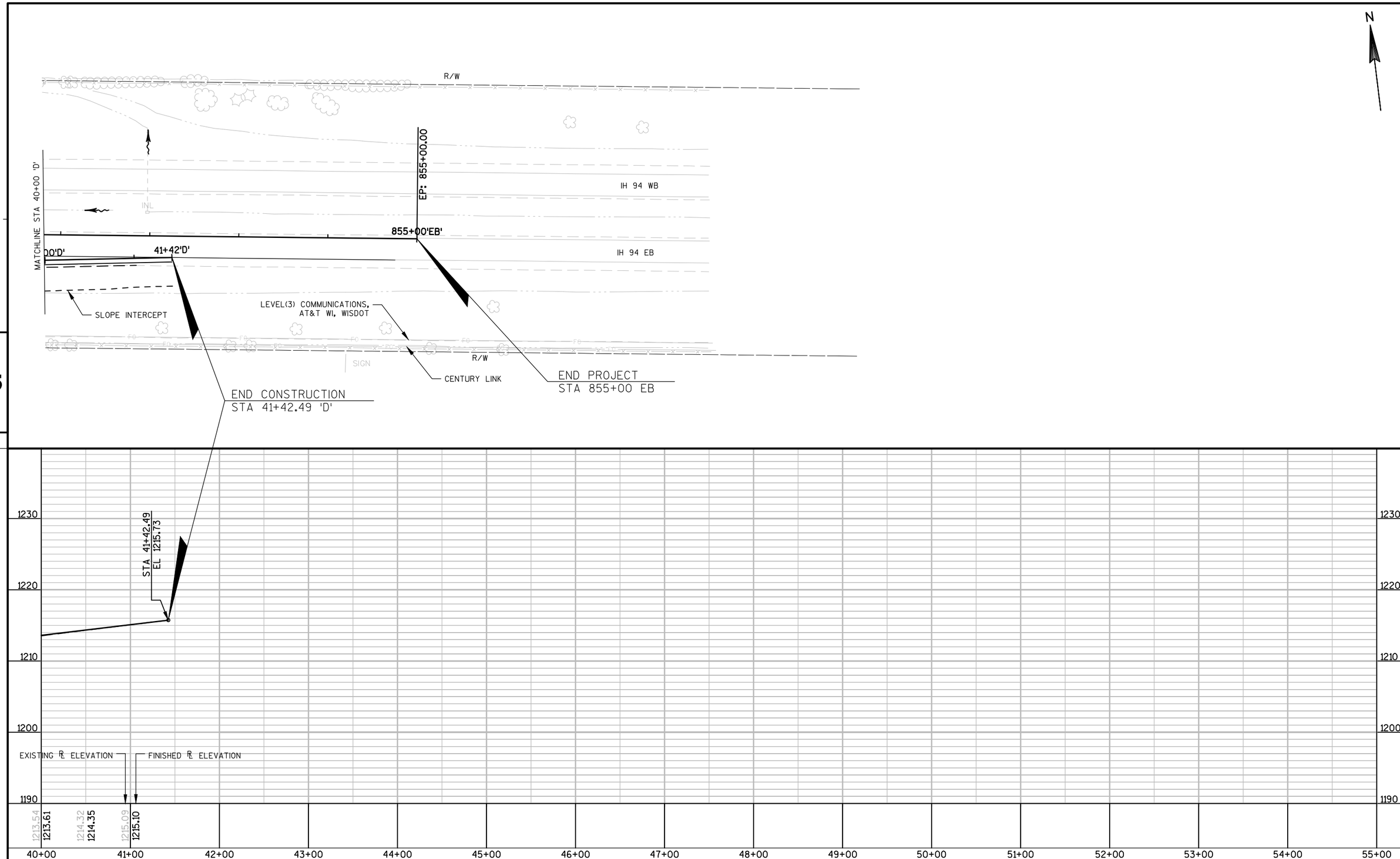
FILE NAME : X:\3230600\121622.01\TECH\CAD\10210102\SHEETSPLAN\050105_PP(RAMP D).DWG PLOT DATE : 8/27/2013 2:49 PM PLOT BY : DAVID YAHNKE PLOT NAME : PLOT SCALE : 1 IN:100 FT





PROJECT NO:1021-01-72	HWY:IH 94	COUNTY:ST. CROIX	PLAN AND PROFILE: RAMP D	SHEET E

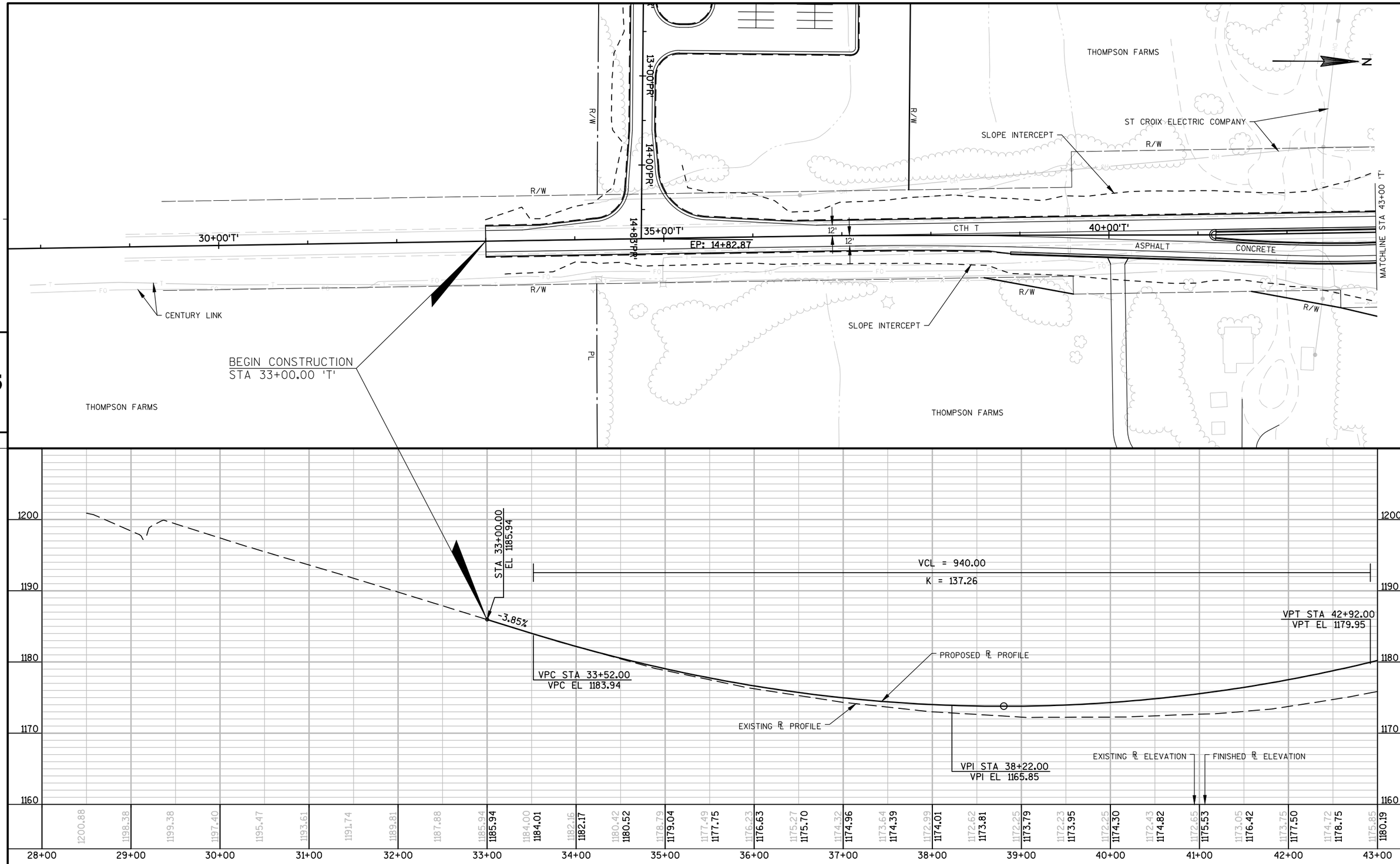
FILE NAME : X:\3230600\121622.01\TECH\CAD\10210102\SHEETSPLAN\050105_PP(RAMP D).DWG PLOT DATE : 8/27/2013 2:50 PM PLOT BY : DAVID YAHNKE PLOT NAME : PLOT SCALE : 1 IN:100 FT



PROJECT NO:1021-01-72	HWY:IH 94	COUNTY:ST. CROIX	PLAN AND PROFILE: RAMP D	SHEET E

PRE_80

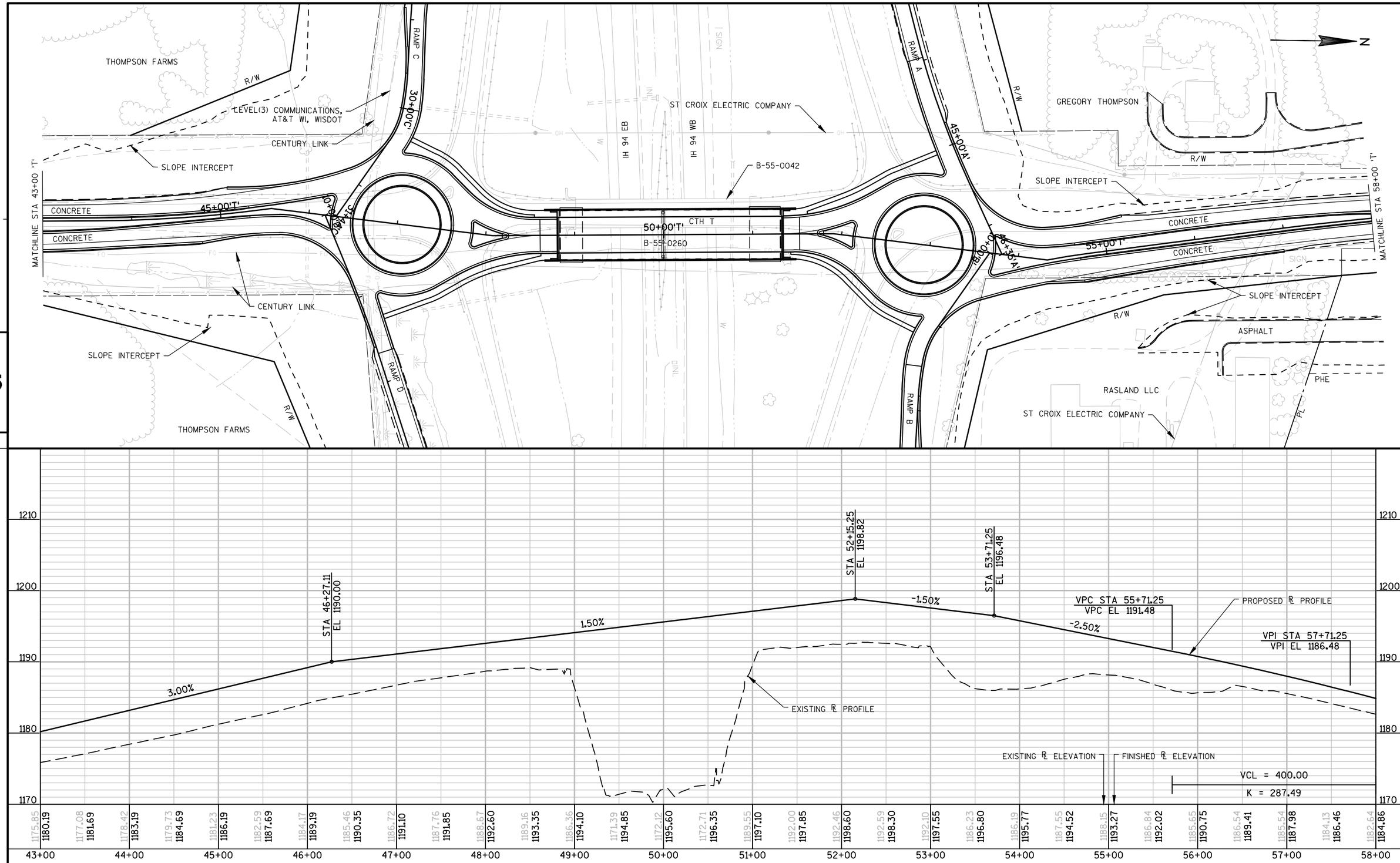
FILE NAME : X:\3230600\121622.01\TECH\CAD\10210102\SHEETSPLAN\050105_PP(RAMP D).DWG PLOT DATE : 8/27/2013 2:50 PM PLOT BY : DAVID YAHNKE PLOT NAME : PLOT SCALE : 1 IN:100 FT



PROJECT NO:1021-01-72	HWY:IH 94	COUNTY:ST. CROIX	PLAN AND PROFILE: CTH T	SHEET E

FILE NAME : X:\3230600\121622.01\TECH\CAD\10210102\SHEETSPLAN\050106_PP(CTH T).DWG PLOT DATE : 8/27/2013 2:50 PM PLOT BY : DAVID YAHNKE PLOT NAME : PLOT SCALE : 1 IN:100 FT

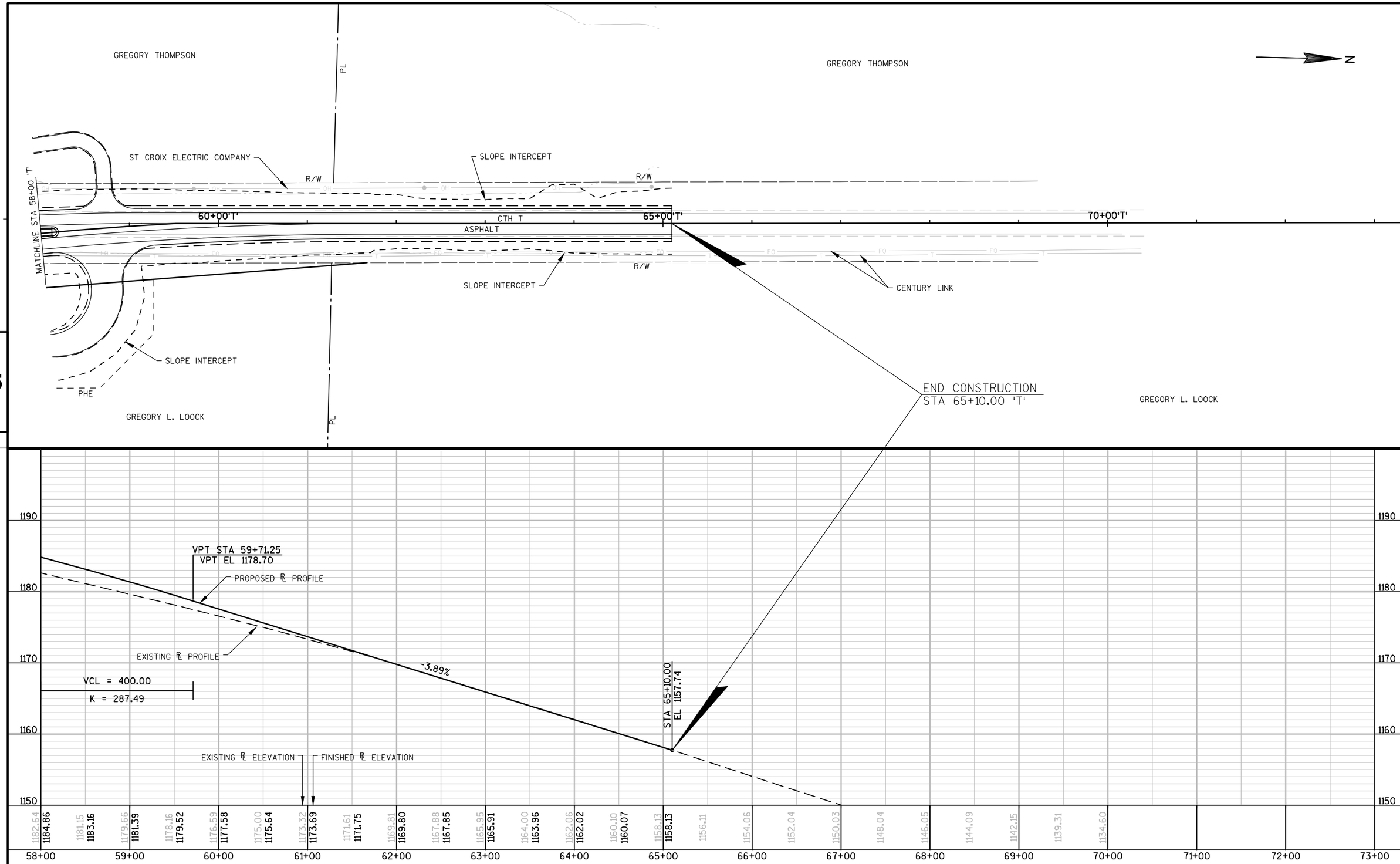
WISDOT/CADDS SHEET 44



PROJECT NO:1021-01-72	HWY:IH 94	COUNTY:ST. CROIX	PLAN AND PROFILE: CTH T	SHEET E

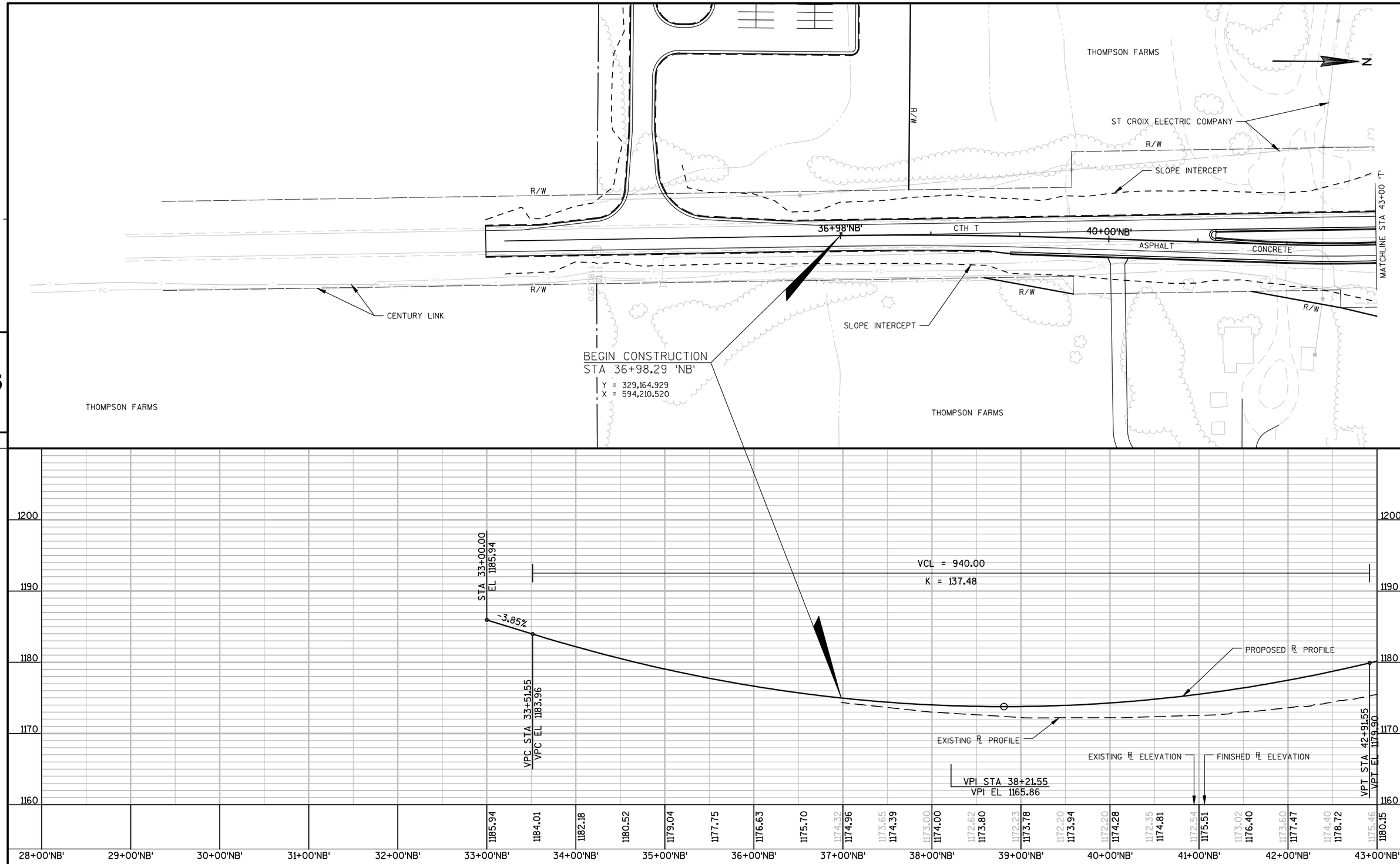
FILE NAME : X:\3230600\121622.01\TECH\CAD\10210102\SHEETSPLAN\050106_PP(CTH T).DWG PLOT DATE : 8/27/2013 2:50 PM PLOT BY : DAVID YAHNKE PLOT NAME : PLOT SCALE : 1 IN:100 FT

WISDOT/CADDS SHEET 44



PROJECT NO:1021-01-72	HWY:IH 94	COUNTY:ST. CROIX	PLAN AND PROFILE: CTH T	SHEET E

FILE NAME : X:\3230600\121622.01\TECH\CAD\10210102\SHEETSPLAN\050106_PP(CTH T).DWG PLOT DATE : 8/27/2013 2:51 PM PLOT BY : DAVID YAHNKE PLOT NAME : PLOT SCALE : 1 IN:100 FT

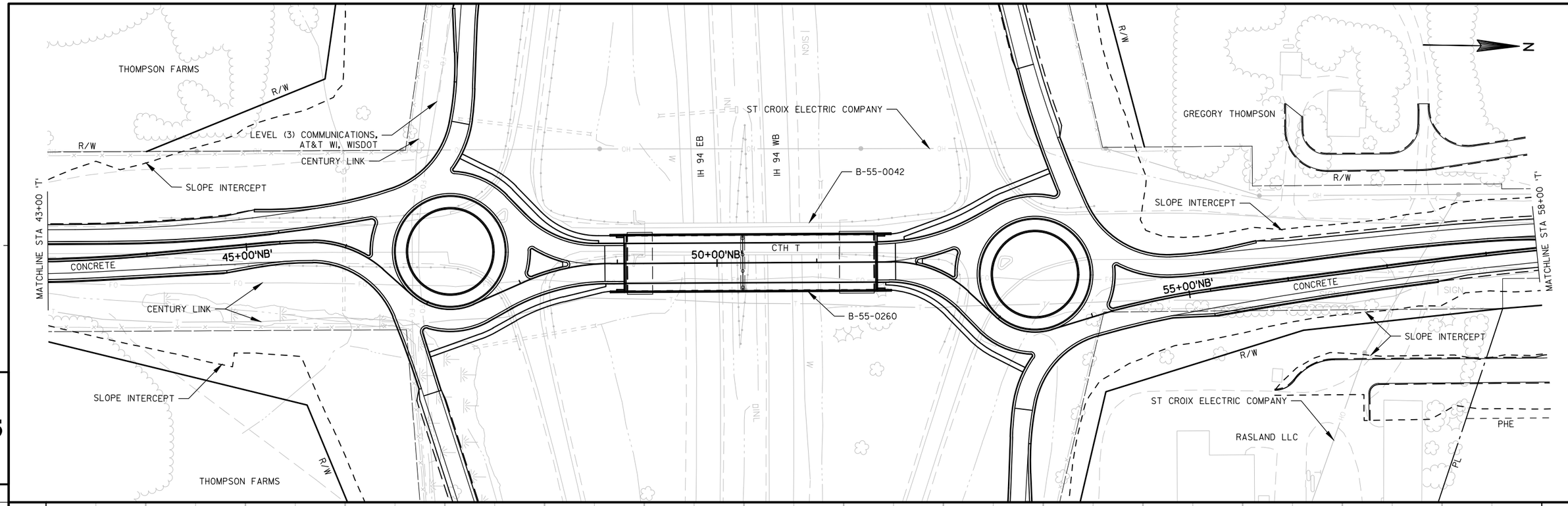


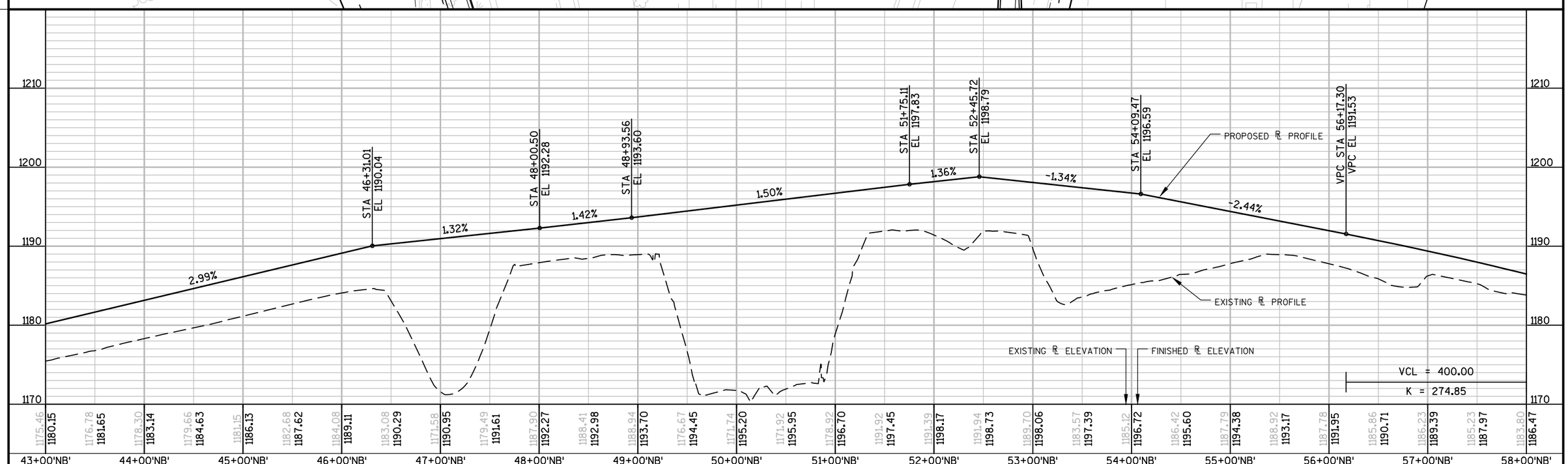
PROJECT NO:1021-01-72	HWY:IH 94	COUNTY:ST. CROIX	PLAN AND PROFILE: CTH T (NB MEDIAN LANE EDGE)	SHEET E

PRE_84

FILE NAME : X:\3230600\121622.01\TECH\CAD\10210102\SHEETSPLAN\050107_PP(CTH T NB MEDIAN).DWG PLOT DATE : 8/27/2013 2:51 PM PLOT BY : DAVID YAHNKE PLOT NAME : PLOT SCALE : 1 IN:100 FT

WISDOT/CADDS SHEET 44

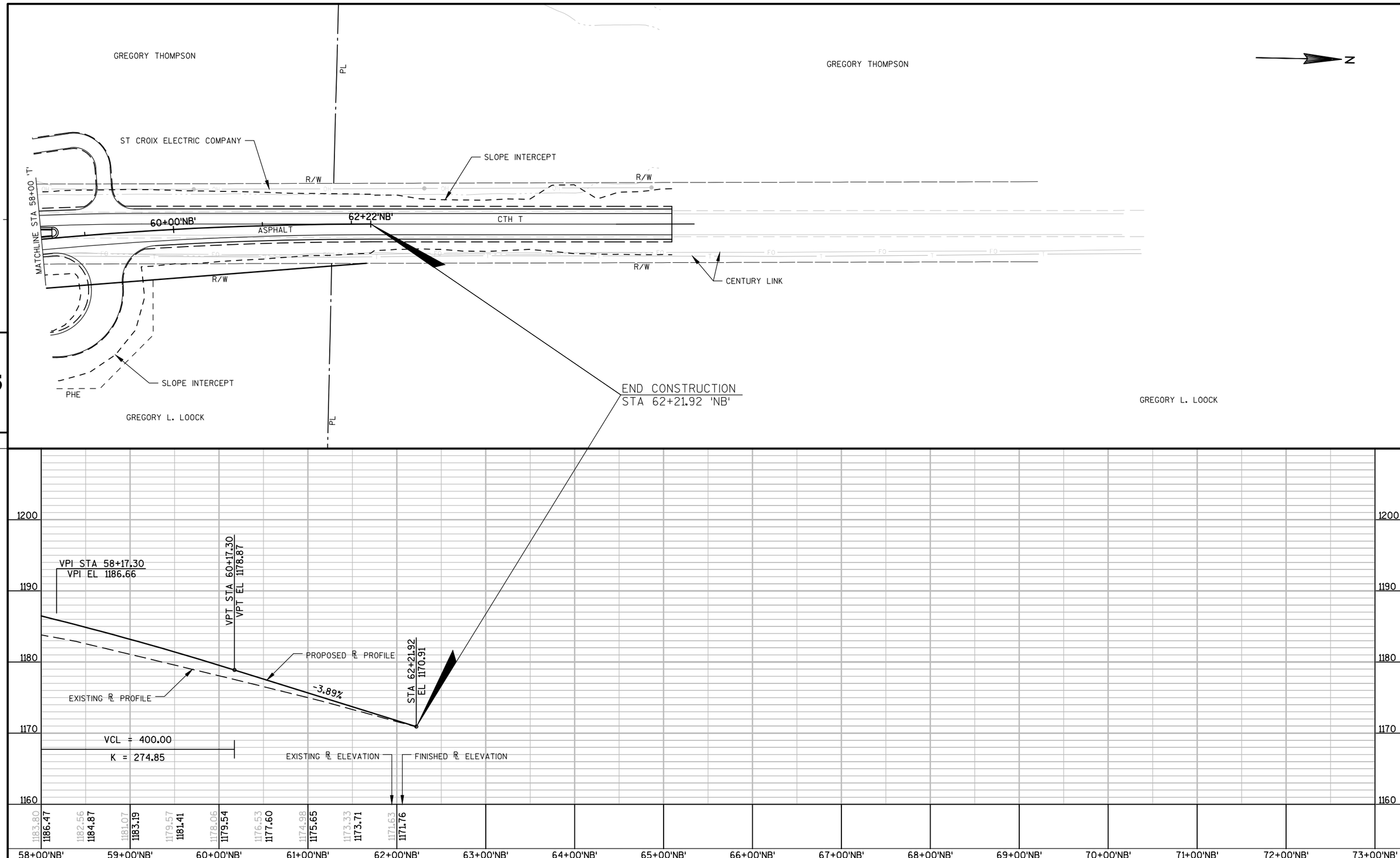




PROJECT NO:1021-01-72	HWY:IH 94	COUNTY:ST. CROIX	PLAN AND PROFILE: CTH T (NB MEDIAN LANE EDGE)	SHEET E

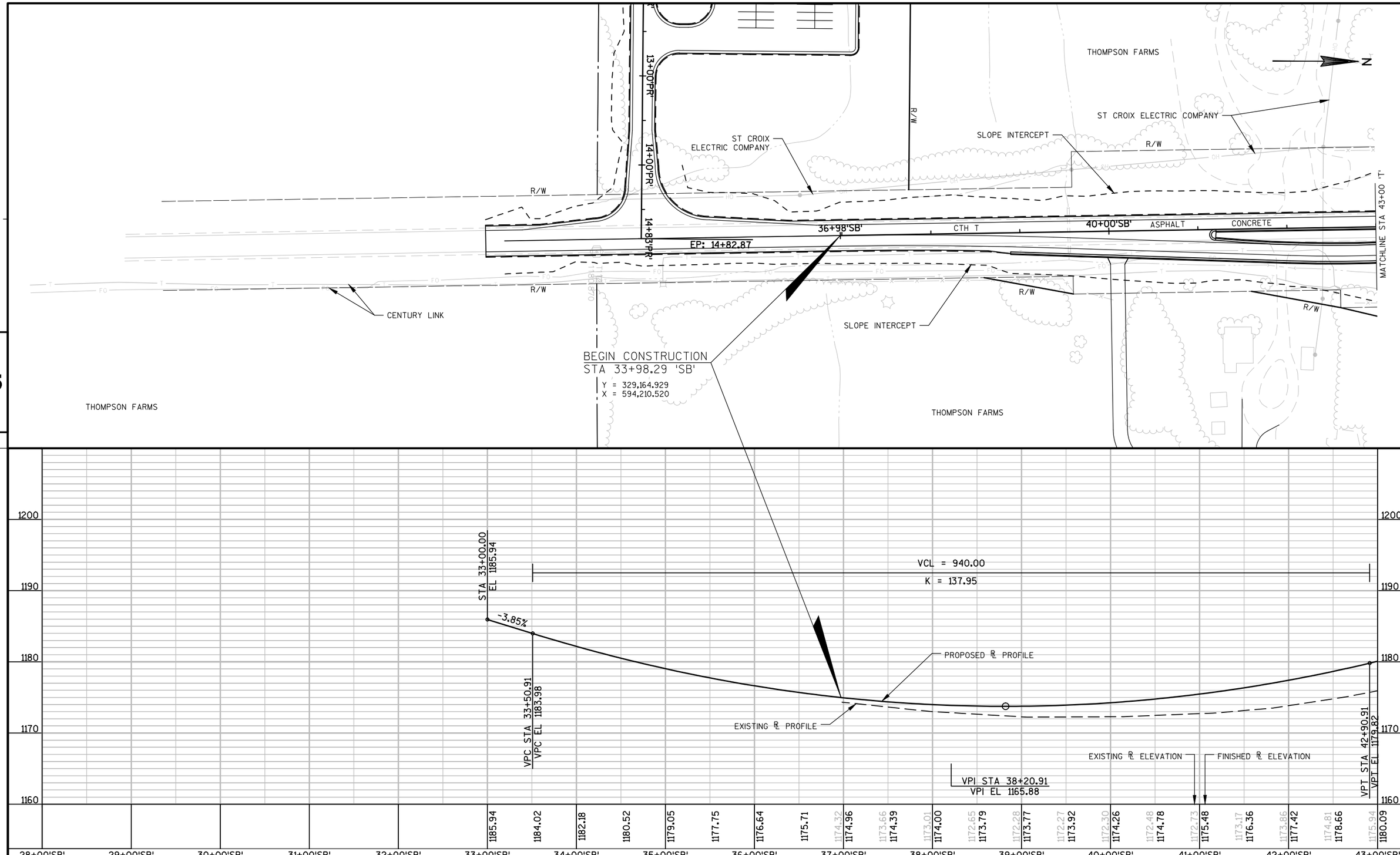
FILE NAME : X:\3230600\121622.01\TECH\CAD\10210102\SHEETSPLAN\050107_PP(CTH T NB MEDIAN).DWG PLOT DATE : 8/27/2013 2:51 PM PLOT BY : DAVID YAHNKE PLOT NAME : PLOT SCALE : 1 IN:100 FT

WISDOT/CADDS SHEET 44



PROJECT NO:1021-01-72	HWY:IH 94	COUNTY:ST. CROIX	PLAN AND PROFILE: CTH T (NB MEDIAN LANE EDGE)	SHEET E

FILE NAME : X:\3230600\121622.01\TECH\CAD\10210102\SHEETSPLAN\050107_PP(CTH T NB MEDIAN).DWG PLOT DATE : 8/27/2013 2:51 PM PLOT BY : DAVID YAHNKE PLOT NAME : PLOT SCALE : 1 IN:100 FT

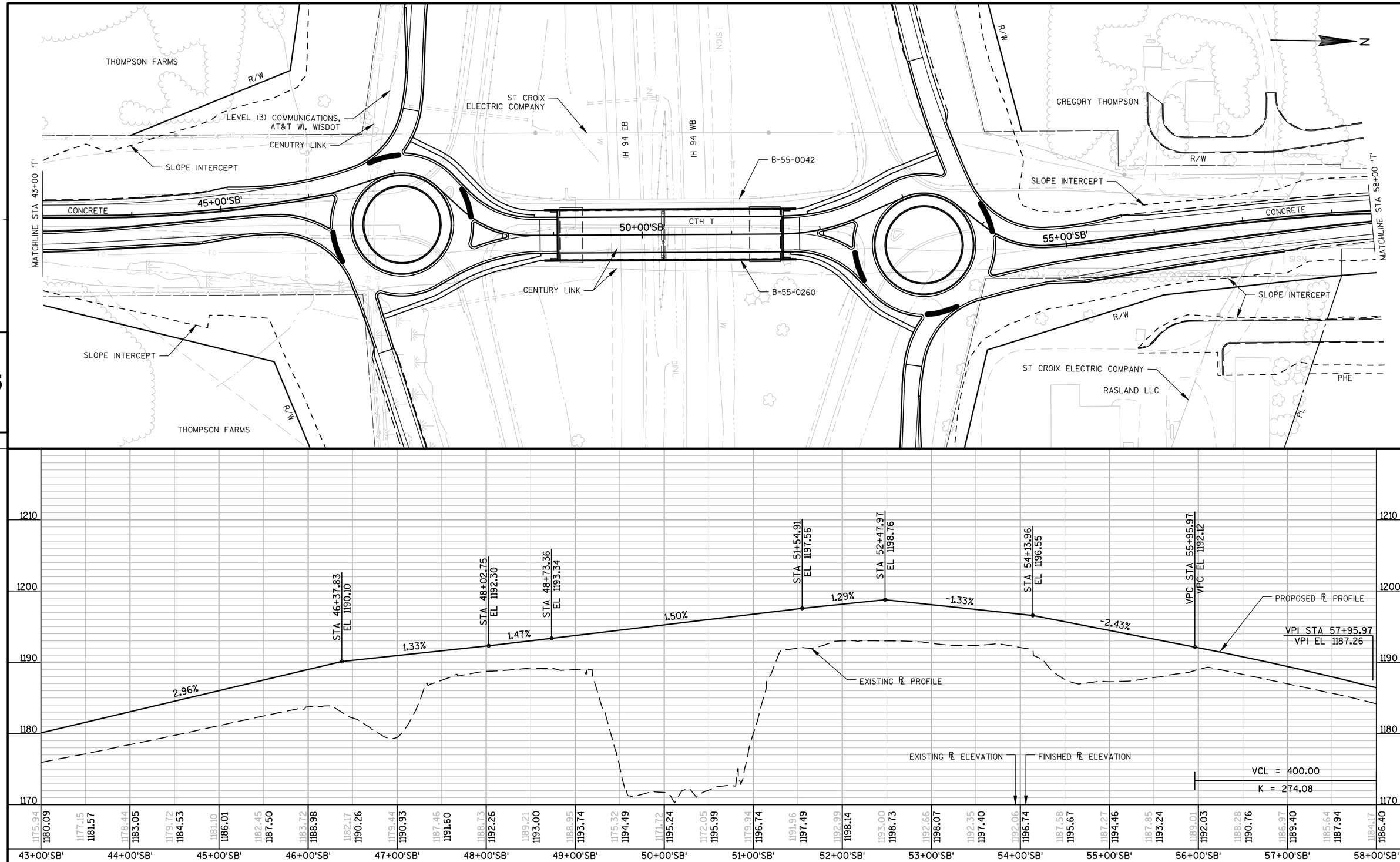


PROJECT NO:1021-01-72	HWY:IH 94	COUNTY:ST. CROIX	PLAN AND PROFILE: CTH T (SB MEDIAN LANE EDGE)	SHEET E

PRE_87

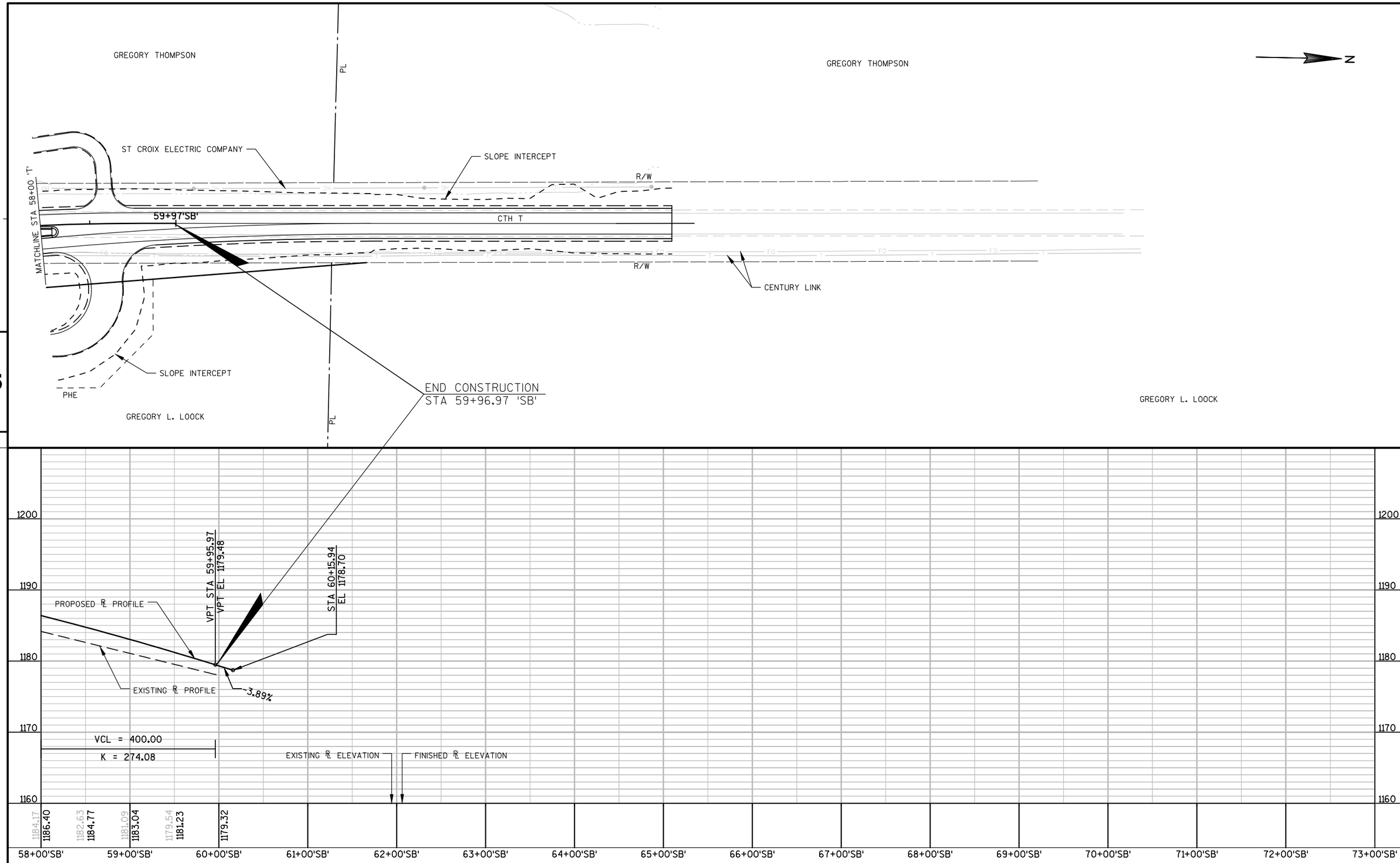
FILE NAME : X:\3230600\121622.01\TECH\CAD\10210102\SHEETSPLAN\050108_PP(CTH T SB MEDIAN).DWG PLOT DATE : 8/27/2013 2:52 PM PLOT BY : DAVID YAHNKE PLOT NAME : PLOT SCALE : 1 IN:100 FT

WISDOT/CADDS SHEET 44



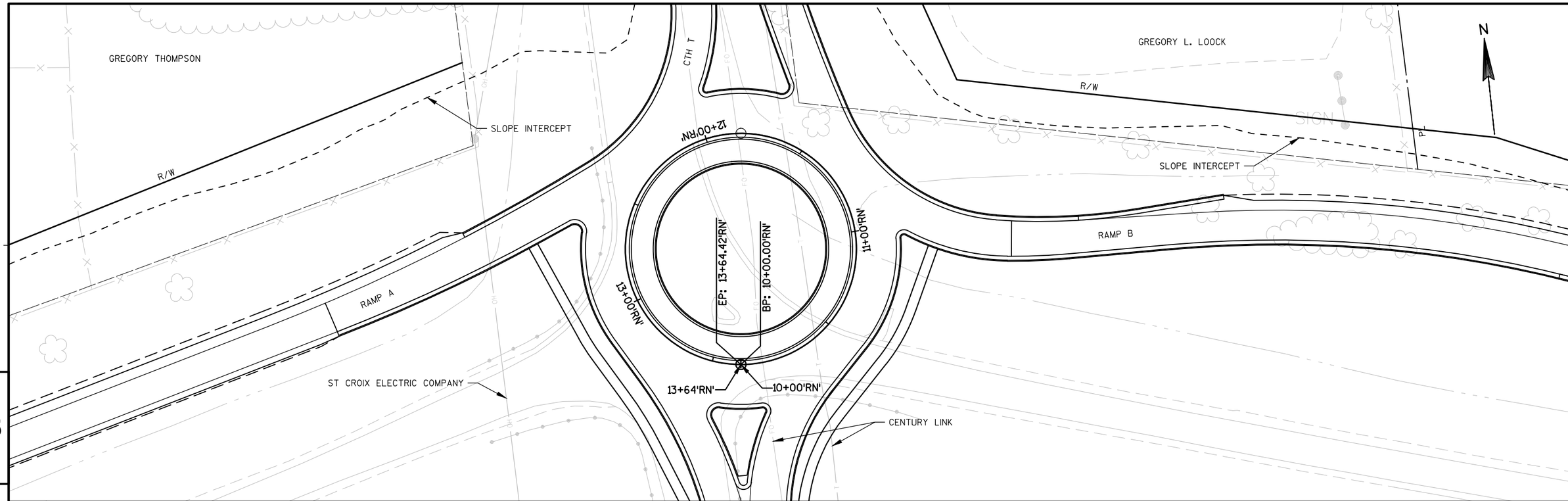
PROJECT NO:1021-01-72	HWY:IH 94	COUNTY:ST. CROIX	PLAN AND PROFILE: CTH T (SB MEDIAN LANE EDGE)	SHEET E

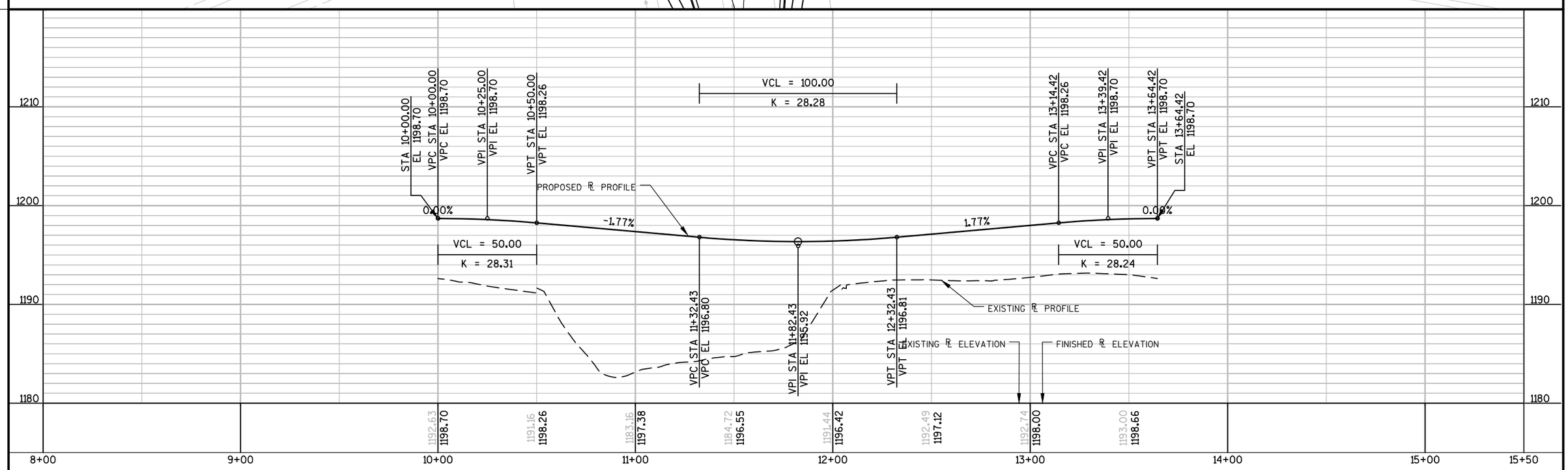
FILE NAME : X:\3230600\121622.01\TECH\CAD\10210102\SHEETSPLAN\050108_PP(CTH T SB MEDIAN).DWG PLOT DATE : 8/27/2013 2:52 PM PLOT BY : DAVID YAHNKE PLOT NAME : PLOT SCALE : 1 IN:100 FT



PROJECT NO:1021-01-72	HWY:IH 94	COUNTY:ST. CROIX	PLAN AND PROFILE: CTH T (SB MEDIAN LANE EDGE)	SHEET E

FILE NAME : X:\3230600\121622.01\TECH\CAD\10210102\SHEETSPLAN\050108_PP(CTH T SB MEDIAN).DWG PLOT DATE : 8/27/2013 2:52 PM PLOT BY : DAVID YAHNKE PLOT NAME : PLOT SCALE : 1 IN:100 FT

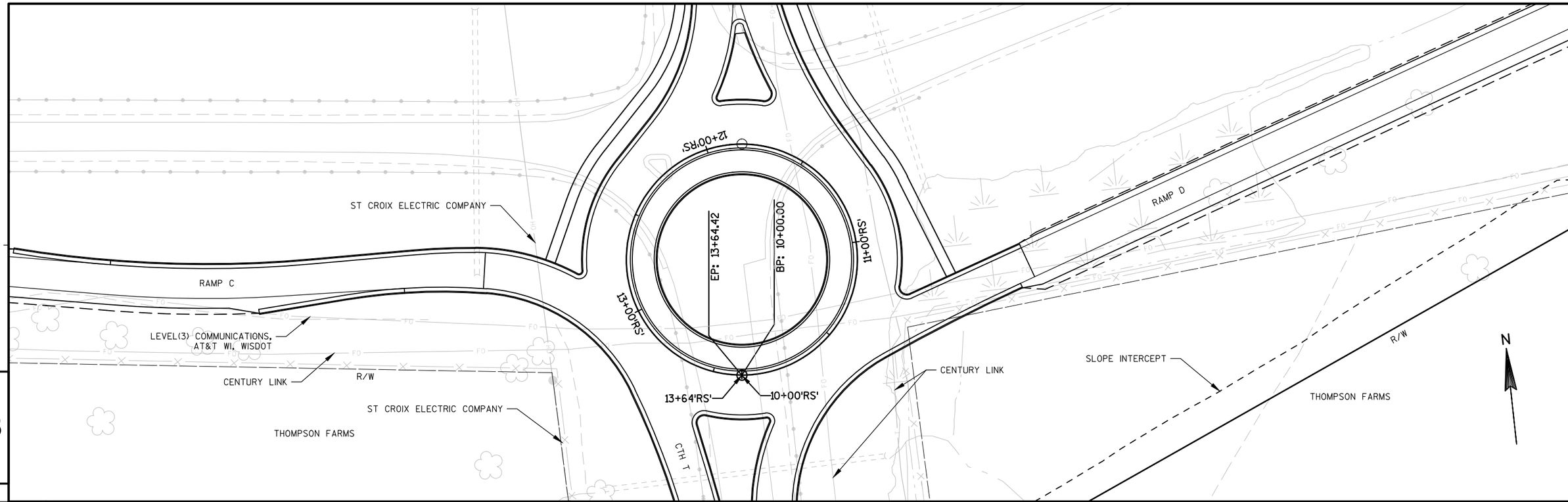


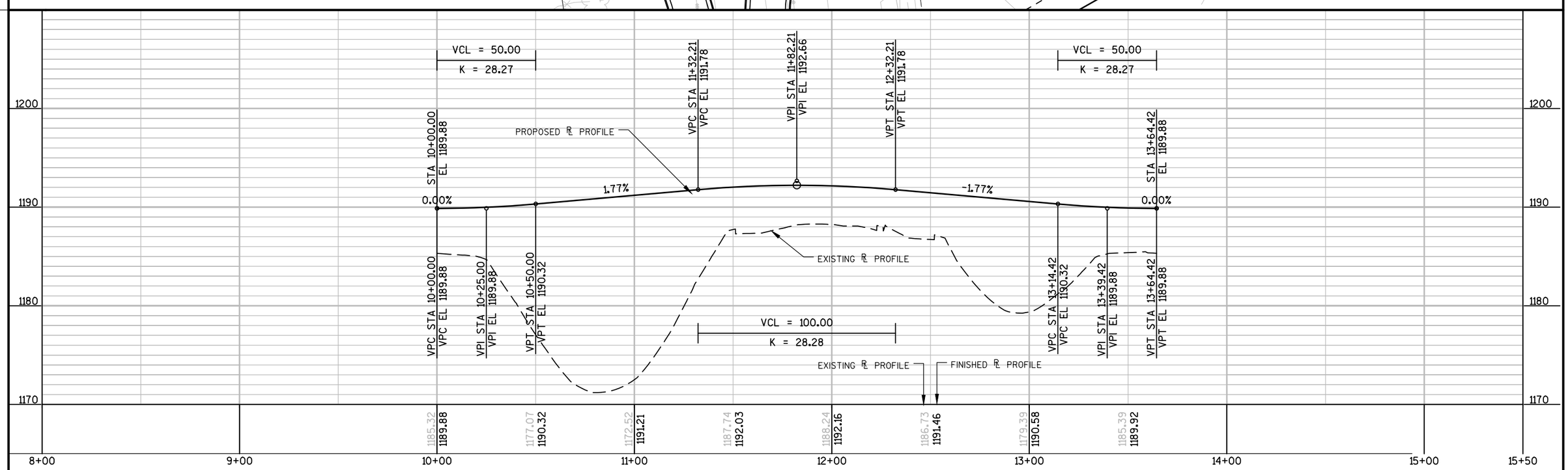


PROJECT NO:1021-01-72	HWY:IH 94	COUNTY:ST. CROIX	PLAN AND PROFILE: ROUNDABOUT NORTH	SHEET E

PRE_90

FILE NAME : X:\3230600\121622.01\TECH\CAD\10210102\SHEETSPLAN\050101_PP(RABOUT STH).DWG PLOT DATE : 8/27/2013 2:53 PM PLOT BY : DAVID YAHNKE PLOT NAME : PLOT SCALE : 1 IN:50 FT





PROJECT NO:1021-01-72	HWY:IH 94	COUNTY:ST. CROIX	PLAN AND PROFILE: ROUNDABOUT SOUTH	SHEET E

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STATE PROJECT NUMBER

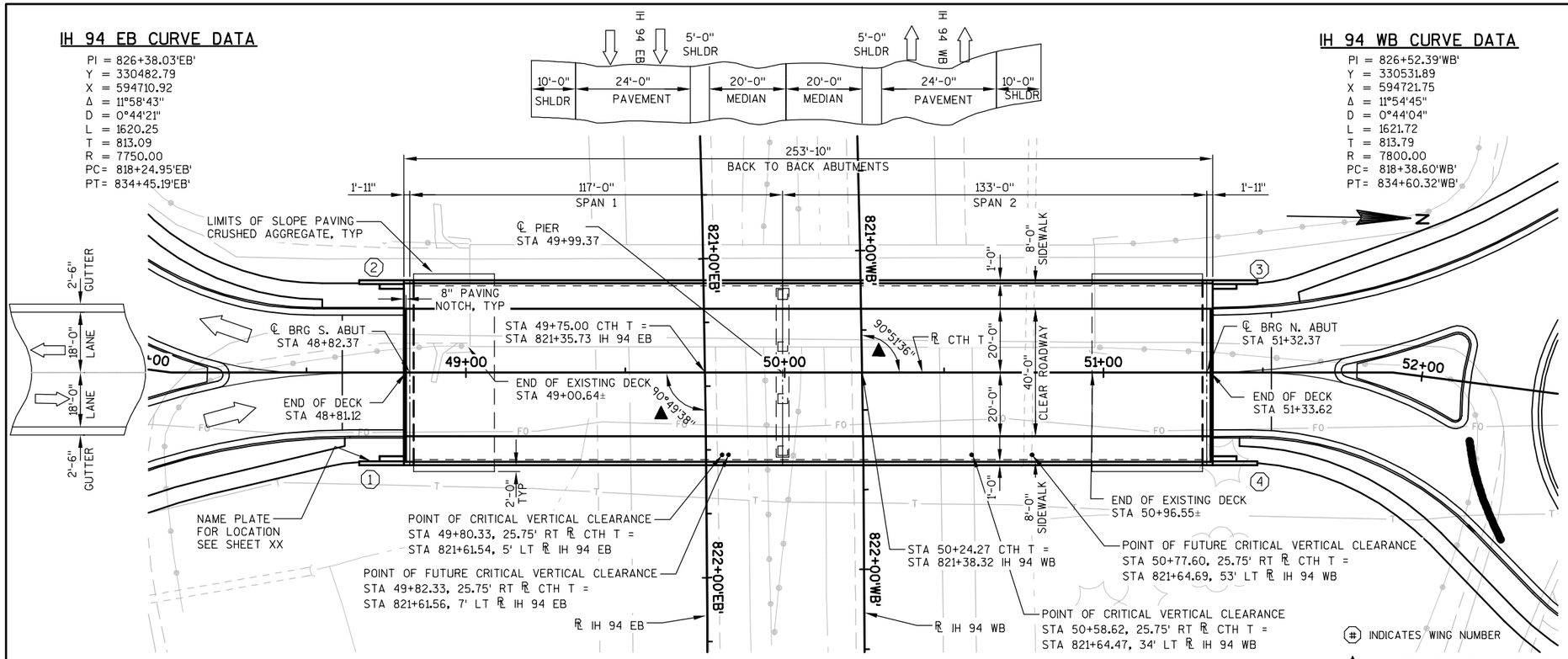
1021-01-72

IH 94 EB CURVE DATA

PI = 826+38.03'EB'
Y = 330482.79
X = 594710.92
Δ = 11°58'43"
D = 0°44'21"
L = 1620.25
T = 813.09
R = 7750.00
PC= 818+24.95'EB'
PT= 834+45.19'EB'

IH 94 WB CURVE DATA

PI = 826+52.39'WB'
Y = 330531.89
X = 594721.75
Δ = 11°54'45"
D = 0°44'04"
L = 1621.72
T = 813.79
R = 7800.00
PC= 818+38.60'WB'
PT= 834+60.32'WB'



PLAN

(TWO SPAN 54W-INCH PRESTRESSED GIRDER BRIDGE)

(#) INDICATES WING NUMBER

▲ ANGLES SHOWN ARE MEASURED FROM LINE TANGENT TO IH 94 ℞ AT CROSSING OF CTH T ℞

LIVE LOAD:

DESIGN LOADING — HL-93
INVENTORY RATING FACTOR — X.XX
OPERATING RATING FACTOR — X.XX
WISCONSIN STANDARD PERMIT VEHICLE (SPV) — X.XX

STRUCTURE IS DESIGNED FOR A FUTURE WEARING SURFACE OF 20 POUNDS PER SQUARE FOOT.

ULTIMATE DESIGN STRESSES:

CONCRETE MASONRY, SLAB — f'c = 4000 psi
ALL OTHER — f'c = 3500 psi
HIGH STRENGTH BAR STEEL REINFORCEMENT — fy = 60 ksi
54W PRESTRESSED GIRDERS
CONCRETE MASONRY — f'c = 8,000 psi
STRANDS 0.6" DIA WITH A TENSILE STRENGTH OF — 270,000 psi

FOUNDATION DATA:

ABUTMENTS TO BE SUPPORTED ON HP12X53 LB STEEL PILING WITH A REQUIRED DRIVING RESISTANCE OF 220 TONS * PER PILE AS DETERMINED BY THE MODIFIED GATES DYNAMIC EQUATION. ESTIMATED 50'-0" LONG AT THE ABUTMENTS AND 40'-0" AT THE PIER.

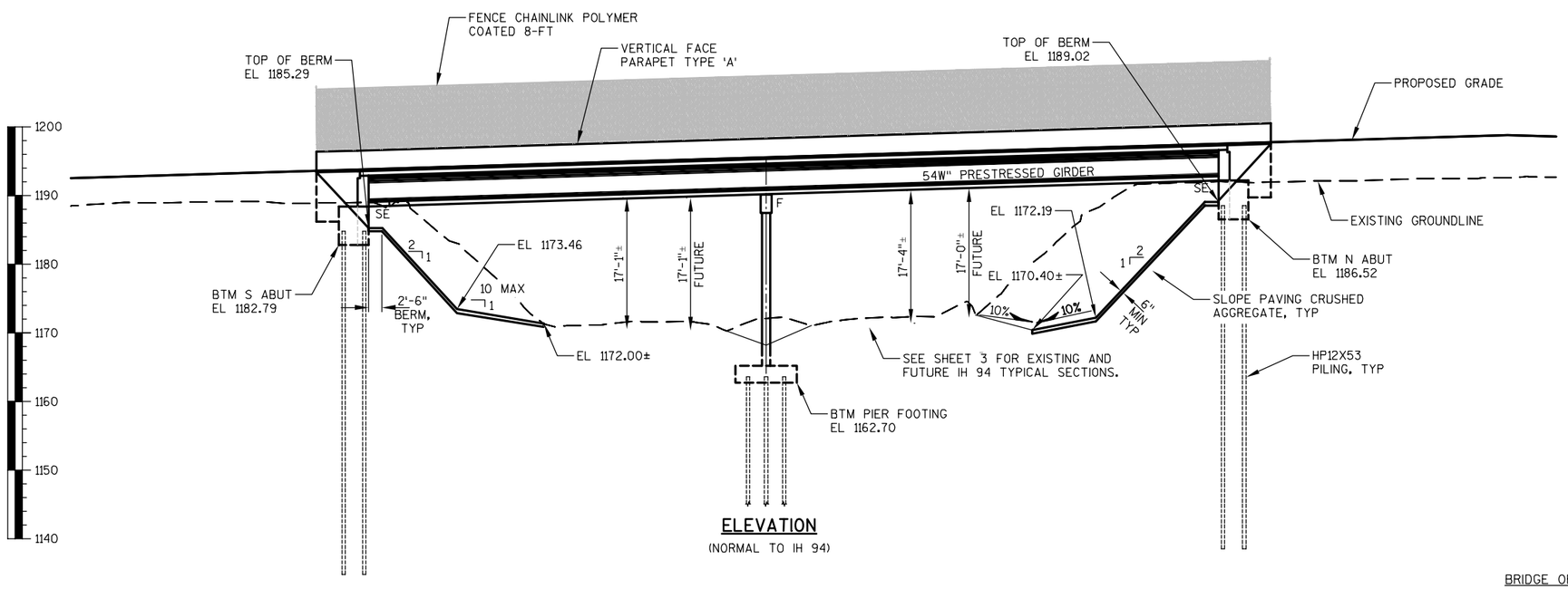
* THE FACTORED AXIAL RESISTANCE OF PILES IN COMPRESSION USED FOR DESIGN IS THE REQUIRED DRIVING RESISTANCE MULTIPLIED BY A FACTOR OF 0.5 USING THE MODIFIED GATES DYNAMIC EQUATION TO DETERMINE DRIVEN PILE CAPACITY.

TRAFFIC DATA CTH T

ADT (2016) = 4,200
ADT (2036) = 6,000
ROADWAY DESIGN SPEED = 60 mph

TRAFFIC DATA IH 94 EB/WB

ADT (2016) = 44,400
ADT (2036) = 62,400
ROADWAY DESIGN SPEED = 70 mph



ELEVATION

(NORMAL TO IH 94)

LIST OF DRAWINGS:

NO.	DRAWING NAME
1	GENERAL PLAN
2	TYPICAL SECTION GENERAL NOTES & QUANTITIES
3	ROAD TYPICAL SECTIONS AND PROFILES
4	CONSTRUCTION STAGING PLAN
5	SUBSURFACE EXPLORATION

BRIDGE OFFICE CONTACT
WILLIAM DREHER, P.E.
TELEPHONE: (608) 266-8489
CONSULTANT CONTACT
GARY RUCHTI, P.E.
TELEPHONE: (608) 273-6380

NO.	DATE	REVISION	BY

Mead & Hunt, Inc.
6501 Watts Road
Madison, WI 53719
608.273.6380
www.meadhunt.com

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

APPROVED _____ _____
CHIEF STRUCTURES DESIGN ENGINEER DATE

STRUCTURE B-55-0260

CTH T OVER IH 94 EB/WB

COUNTY ST. CROIX | TOWN ~~/CITY/VILLAGE~~ RUSH RIVER

DESIGN SPEC. AASHTO LRFD BRIDGE DESIGN SPECIFICATION

DESIGNED BY	MJB	DESIGN CK'D.	GAR	DRAWN BY	TAV	PLANS CK'D.	GAR

GENERAL PLAN

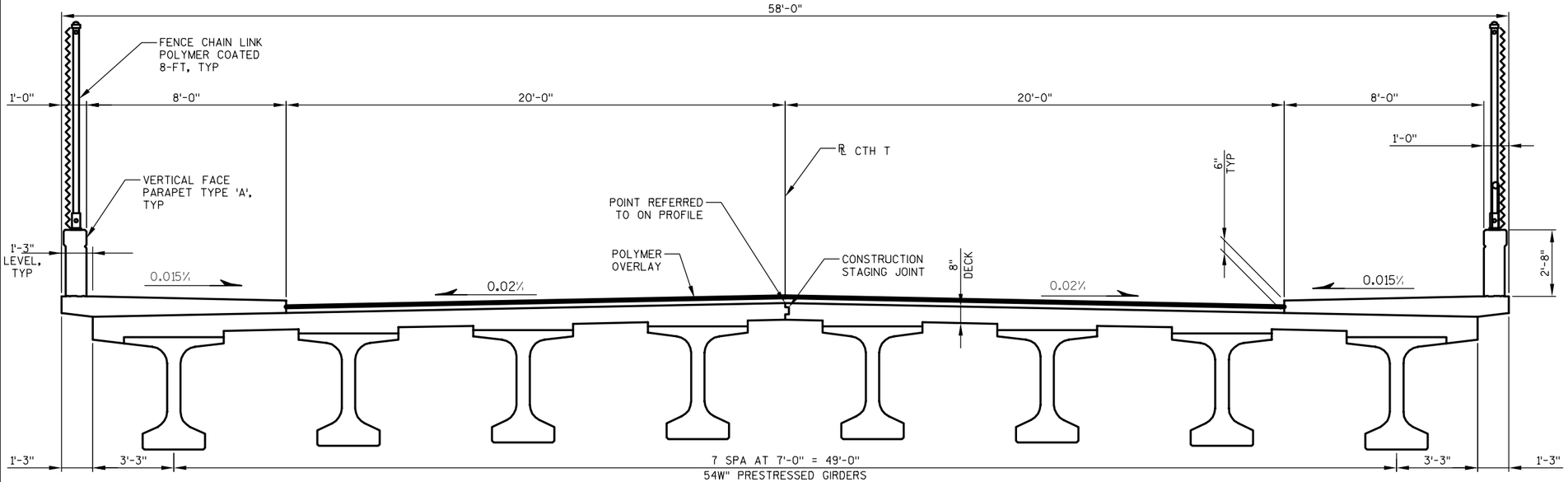
SHEET 1 OF 5

PRE_92

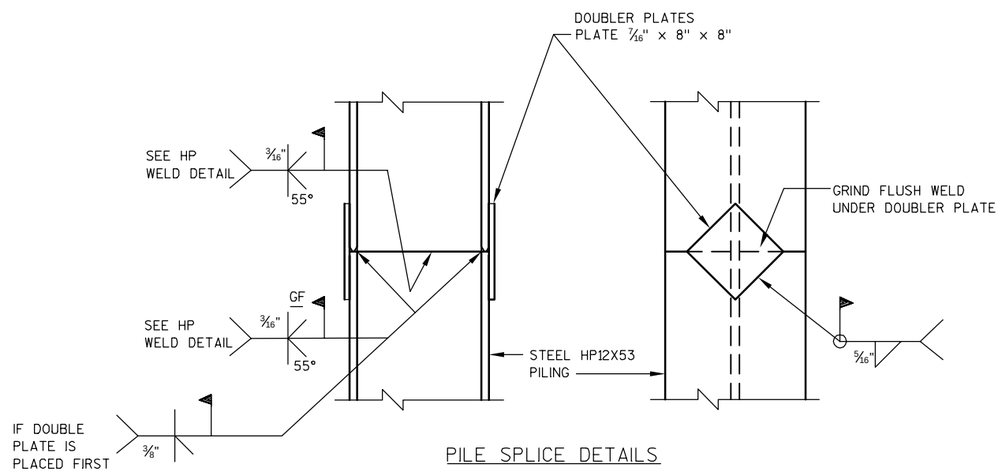
8

8

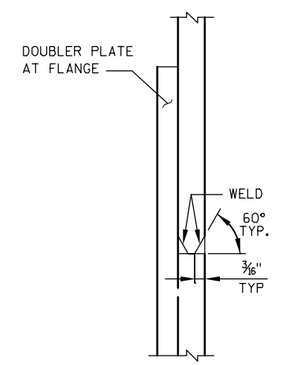
STATE PROJECT NUMBER
1021-01-72



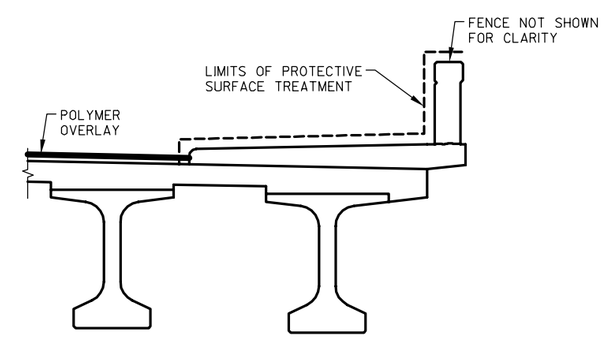
TYPICAL SECTION THRU CTH T
(LOOKING NORTH)



PILE SPLICE DETAILS



HP WELD DETAIL
FLANGE SHOWN, WEB SIMILAR



LIMITS OF PROTECTIVE SURFACE TREATMENT

GENERAL NOTES

DRAWINGS SHALL NOT BE SCALED.

BAR STEEL REINFORCEMENT SHALL BE EMBEDDED 2" CLEAR UNLESS OTHERWISE NOTED.

THE SLOPE OF FILL IN FRONT OF THE ABUTMENTS SHALL BE COVERED WITH CRUSHED AGGREGATE SLOPE PAVING TO THE EXTENT SHOWN ON SHEET 1 AND THE ABUTMENT DETAILS.

AT THE BACKFACE AF ABUTMENT ALL EXCAVATED VOLUME NOT OCCUPIED BY THE NEW STRUCTURE SHALL BE BACKFILLED WITH STRUCTURE BACKFILL.

THE EXISTING STRUCTURE TO BE REMOVED IS A 197.0' LONG BY 30.0' CLEAR ROADWAY WIDTH, FOUR SPAN PRESTRESSED CONCRETE GIRDER STRUCTURE (B-55-0042).

THE EXISTING GROUND LINE SHALL BE THE UPPER LIMIT FOR EXCAVATION OF STRUCTURE.

PROTECTIVE SURFACE TREATMENT SHALL BE APPLIED AS SHOWN ON THE DETAIL ON THIS SHEET.

EPOXY OVERLAY TO BE APPLIED TO DECK BETWEEN CURB FACES.

ALL STATIONS AND ELEVATIONS ARE IN FEET.

ALL ELEVATIONS REFERENCED TO THE USGS NAVD 83 (1991).

THE FIRST OR FIRST TWO NUMBERS OF THE BAR MARK SIGNIFIES THE BAR SIZE.

THE HAUNCH CONCRETE QUANTITY IS BASED ON THE AVERAGE HAUNCH SHOWN ON THE PRESTRESSED GIRDER DETAILS SHEET.

TOTAL ESTIMATED QUANTITIES

ITEM NO.	BID ITEMS	UNIT	S ABUT	PIER	N ABUT	SUPER	TOTAL
203.0200	REMOVING OLD STRUCTURE (STA 50+00)	LS	---	---	---	---	1
206.1000	EXCAVATION FOR STRUCTURES, BRIDGES (B-55-0260)	LS	---	---	---	---	1
210.0100	BACKFILL STRUCTURE	CY	0	---	0	---	0
502.0100	CONCRETE MASONRY BRIDGES	CY	0	0	0	0	0
502.3200	PROTECTIVE SURFACE TREATMENT	SY	0	---	0	0	0
503.0155	PRESTRESSED GIRDER TYPE I 54W-INCH	LF	---	---	---	0	0
505.0405	BAR STEEL REINFORCEMENT HS BRIDGES	LB	0	0	0	---	0
505.0605	BAR STEEL REINFORCEMENT HS COATED BRIDGES	LB	0	0	0	0	0
506.2605	BEARING PADS ELASTOMERIC NON-LAMINATED	EACH	---	---	---	0	0
506.4000	STEEL DIAPHRAGMS (B-55-0260)	EACH	---	---	---	0	0
509.5100.S	POLYMER OVERLAY	SY	---	---	---	0	0
516.0500	RUBBERIZED MEMBRANE WATERPROOFING	SY	0	---	0	0	0
550.1120	PILING STEEL HP 12-INCH X 53 LB	LF	0	0	0	---	0
604.0500	SLOPE PAVING CRUSHED AGGREGATE	SY	0	---	0	---	0
612.0206	PIPE UNDERDRAIN UNPERFORATED 6-INCH	LF	0	---	0	---	0
612.0406	PIPE UNDERDRAIN WRAPPED 6-INCH	LF	0	---	0	---	0
SPV.0090.01	FENCE CHAIN LINK POLYMER-COATED 8-FT	LF	---	---	---	0	0
	NON BID ITEMS						
	FILLER	SIZE					1/2" & 3/4"

BENCH MARKS

NO.	STATION, OFFSET	DESCRIPTION	ELEV.
1	213+79.24'NB',28.26' RT	3/4" IRON ROD	1256.10

NO.	DATE	REVISION	BY

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

STRUCTURE B-55-0260

DRAWN BY TAV | PLANS CK'D. GAR

TYPICAL SECTION GENERAL NOTES & QUANTITIES

SHEET 2 OF 5

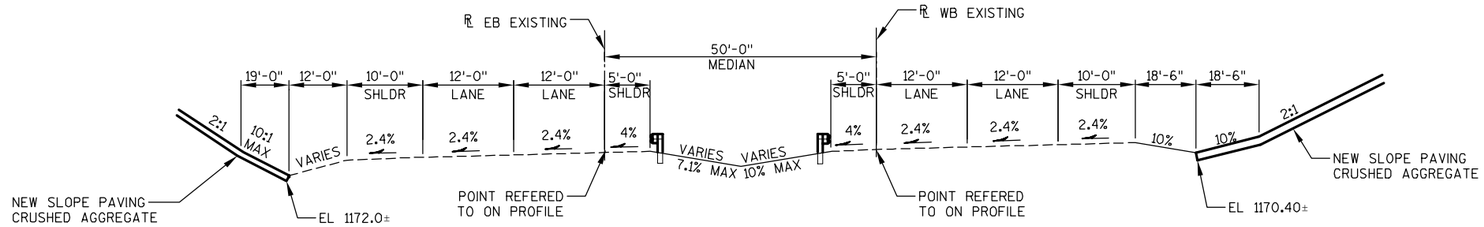
PRE_93

8

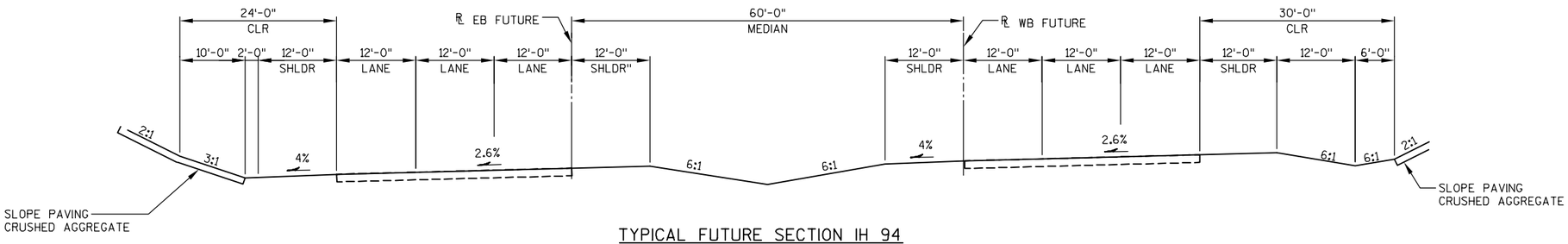
8

STATE PROJECT NUMBER

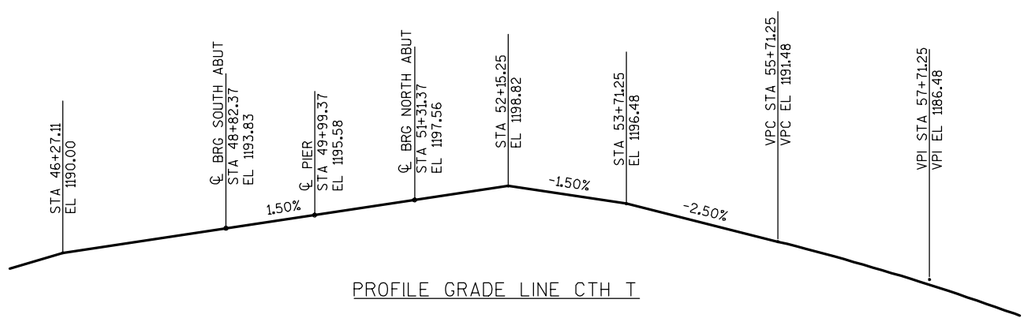
1021-01-72



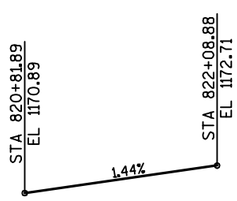
TYPICAL EXISTING SECTION IH 94
(LOOKING WEST)



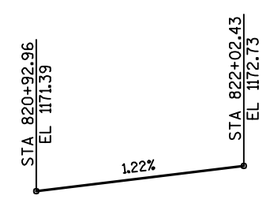
TYPICAL FUTURE SECTION IH 94
(LOOKING WEST)
THIS SECTION WAS USED TO SIZE THE STRUCTURE



PROFILE GRADE LINE CTH T



EXISTING PROFILE GRADE LINE IH 94 EB



EXISTING PROFILE GRADE LINE - IH 94 WB

8

8

NO.	DATE	REVISION	BY

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

STRUCTURE B-55-0260

DRAWN BY TAV | PLANS CK'D. GAR

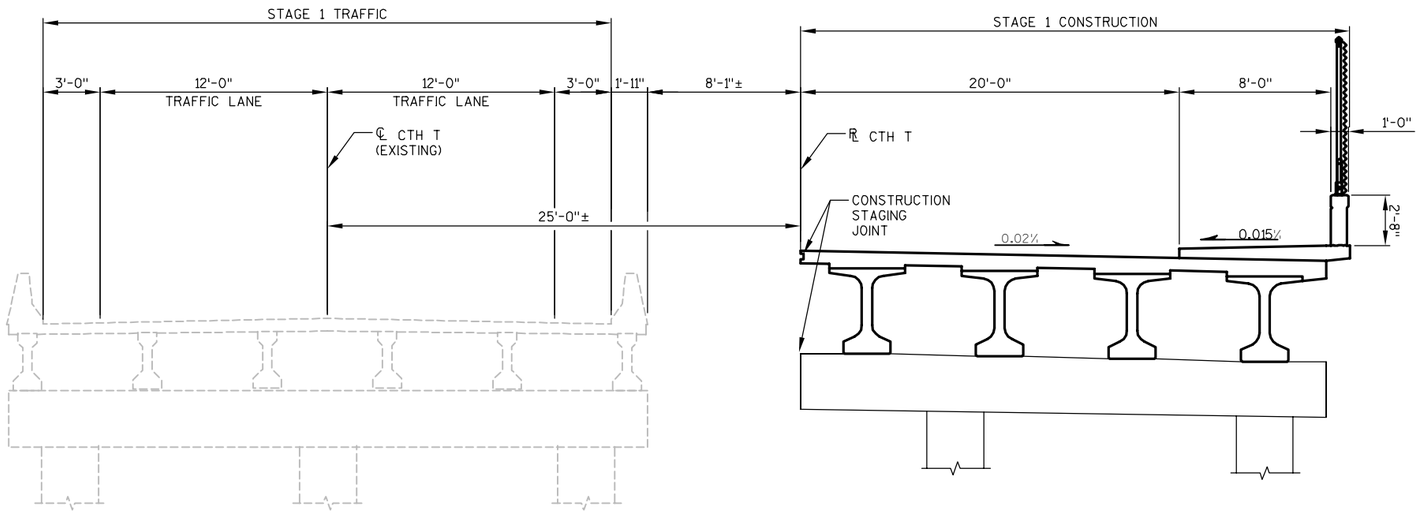
ROAD TYPICAL SECTIONS AND PROFILES

SHEET 3 OF 4

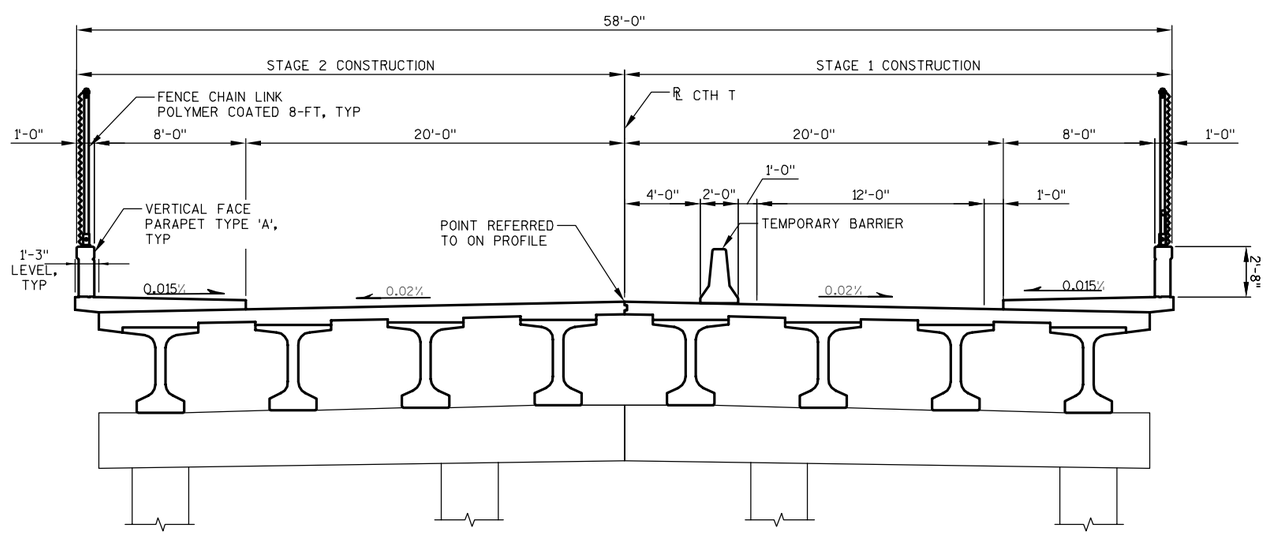
PRE_94

STATE PROJECT NUMBER

1021-01-72



CROSS SECTION - STAGE 1
(LOOKING NORTH)



CROSS SECTION - STAGE 2
(LOOKING NORTH)

NO.	DATE	REVISION	BY

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

STRUCTURE B-55-0260

DRAWN BY TAV | PLANS CK'D. GAR

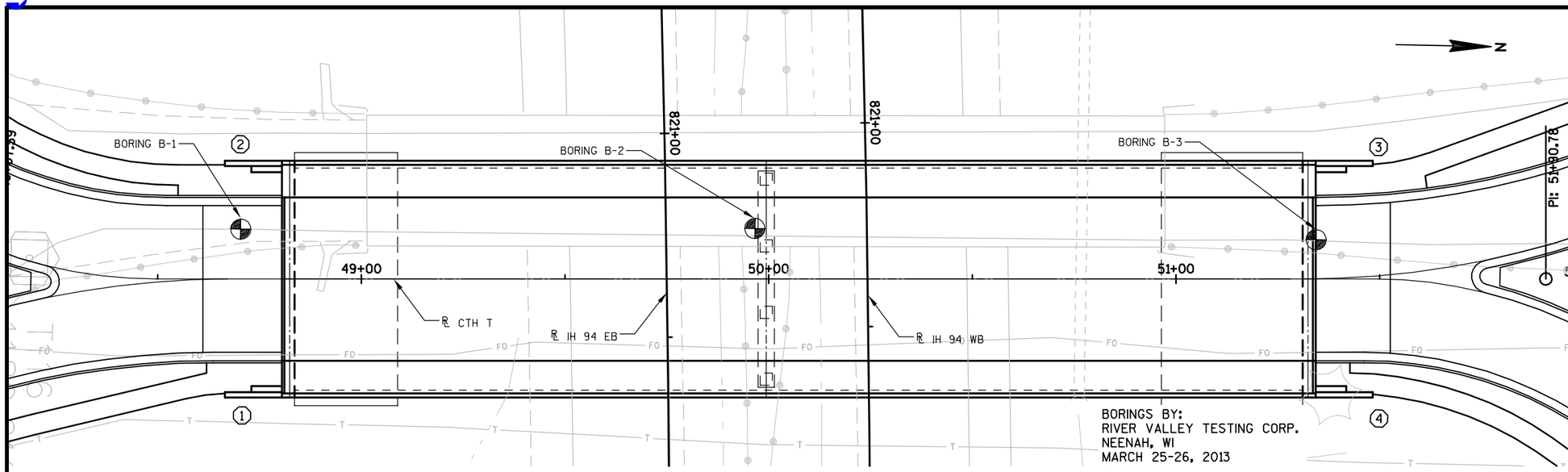
CONSTRUCTION STAGING PLAN

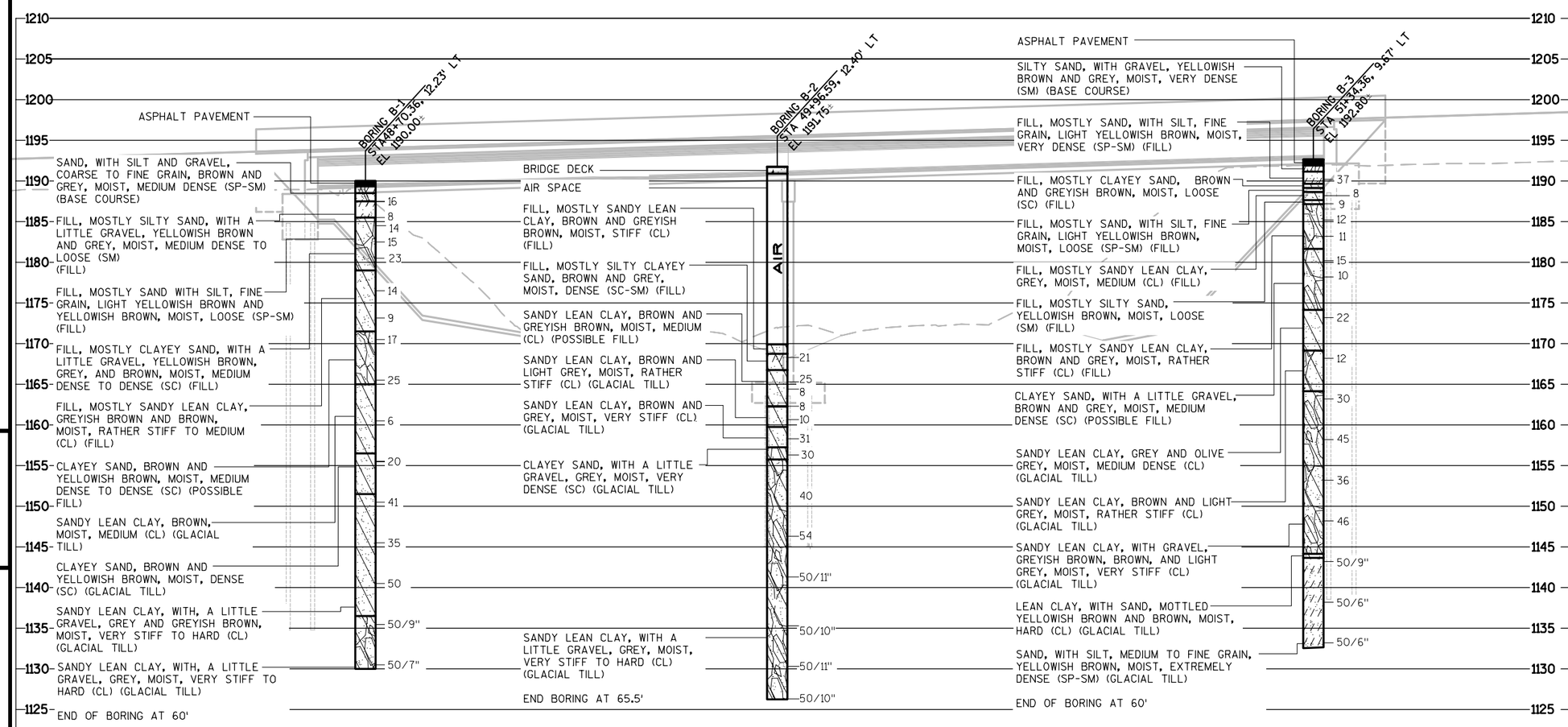
SHEET 4 OF 5

PRE_95

8

8





STATE PROJECT NUMBER

1021-01-72

ABBREVIATIONS

F — Fine M — Medium C — Coarse
Ws — Weathered So — Sound

MATERIAL SYMBOLS

Asphalt, Silt, Sand, Concrete, Organic Soil, Air, Gravel, Clay, Water

LEGEND OF PROBING

Probing No.
Sta.
Elevation
7 Average Blows Per Foot
Refusal 95/6

95/6=95 BLOWS FOR 6" PENETRATION. PROBING TAKEN WITH A 350# WT. FALLING 18" ON A 2" O.D. POINT.

LEGEND OF BORING

Boring No.
Elev. Sta.
Unconfined STRENGTH → 7. 7
Blows Per Ft. USING 140# WT. FALLING 30"
Wash Sample
Shelby Tube — S.T.
Ground Water
No Ground Water OBSERVED ABOVE THIS ELEVATION
Sandy Gravel
F. Boulders or COBBLES
Sand
Silty Clay
So Limestone

UNLESS OTHERWISE SPECIFIED, THE BLOWS PER FOOT AT THE LOCATIONS INDICATED ARE BASED ON DRIVING A 2" O.D. X 1.4" I.D. SPLIT SPOON SAMPLER WITH A 140# HAMMER HAVING A FREE FALL OF 30". THE BLOW COUNT IS TAKEN IN UNDISTURBED SOIL IMMEDIATELY BELOW A CASED OR OPEN HOLE ELIMINATING SIDE FRICTION ON THE DRIVE PIPE.

SUBSURFACE EXPLORATION FOR FOUNDATION DESIGN AND BIDDERS INFORMATION

TO OBTAIN RELATIVE DATA CONCERNING THE CHARACTER OF MATERIAL IN AND UPON WHICH THE FOUNDATION MIGHT BE BUILT, BORINGS AND/OR SOUNDINGS WERE MADE AT POINTS APPROXIMATELY AS INDICATED ON THIS DRAWING. THE DATA PRESENTED HEREIN REPRESENTS THE FINDINGS OF THE SUBSURFACE EXPLORATIONS MADE. HOWEVER, BECAUSE THE DEPTHS INVESTIGATED ARE LIMITED AND THE AREA OF THE BORINGS AND/OR SOUNDINGS IS VERY SMALL IN RELATION TO THE ENTIRE AREA, THE WISCONSIN DEPARTMENT OF TRANSPORTATION DOES NOT WARRANT CONDITIONS BELOW THE DEPTHS INVESTIGATED OR THAT THE CLASSIFICATION OF MATERIAL ENCOUNTERED IN THESE INVESTIGATIONS IS NECESSARILY TYPICAL OF THE ENTIRE SITE.

NO.	DATE	REVISION	BY

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

STRUCTURE B-55-0260

DRAWN BY TAV PLANS CK'D. GAR

SUBSURFACE EXPLORATION

SHEET 5 OF 5

PRE_96

8

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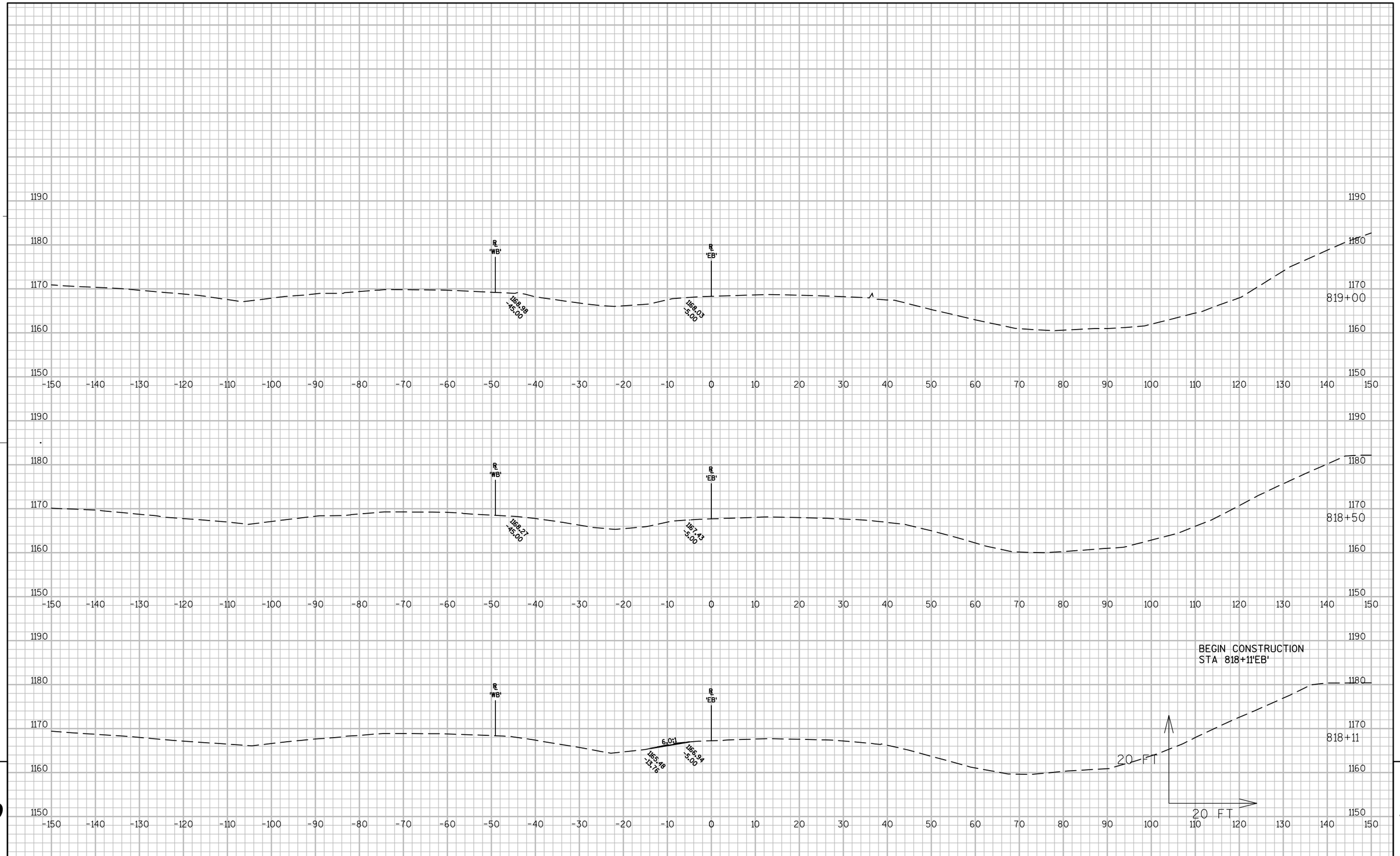

PROJECT NO:1021-01-72	HWY:IH 94	COUNTY:ST. CROIX	CROSS SECTIONS:IH 94 (MEDIAN BULLNOSE TERMINAL)	SHEET

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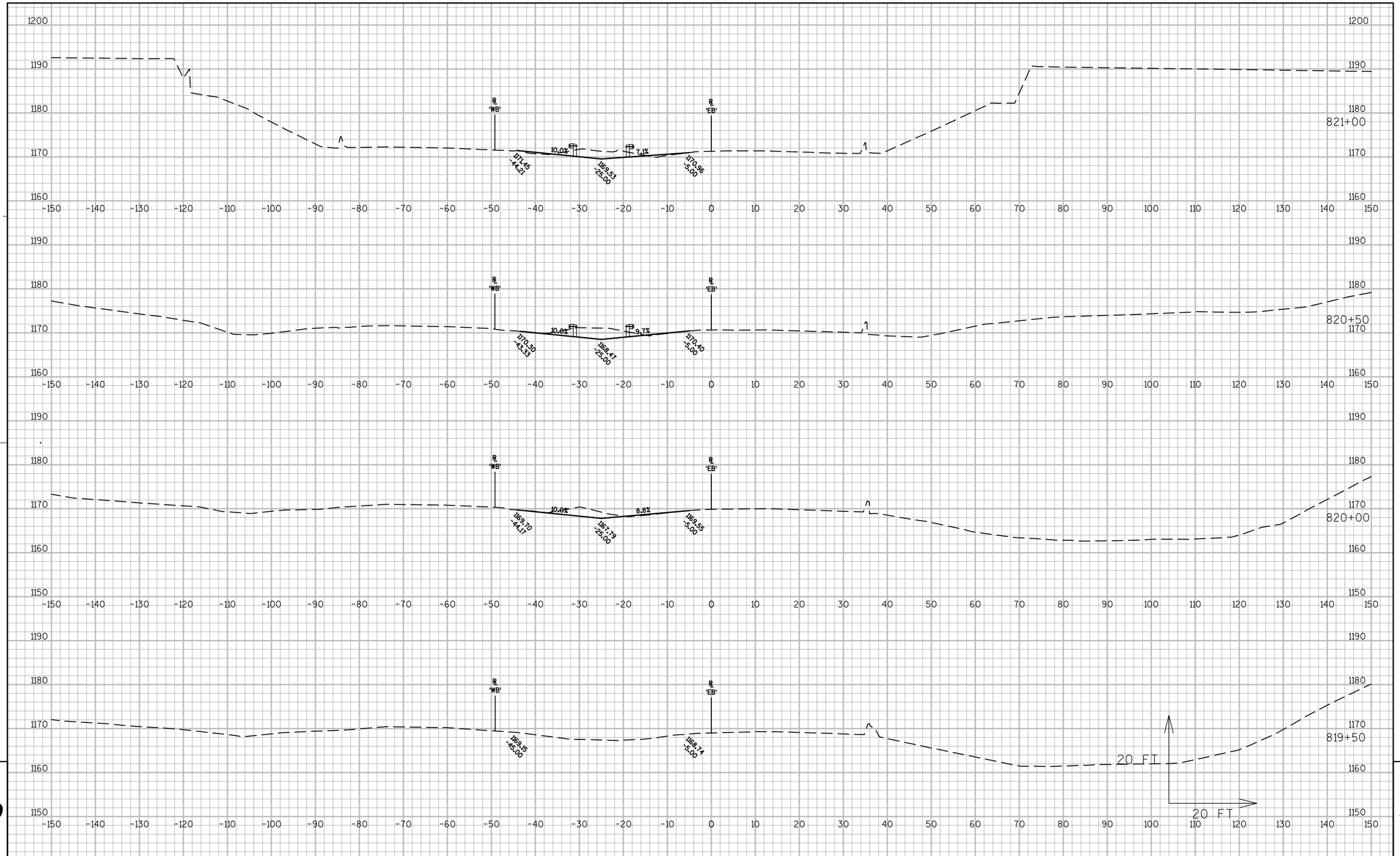

PROJECT NO:1021-01-72	HWY:IH 94	COUNTY:ST. CROIX	CROSS SECTIONS:IH 94 (MEDIAN BULLNOSE TERMINAL)	SHEET

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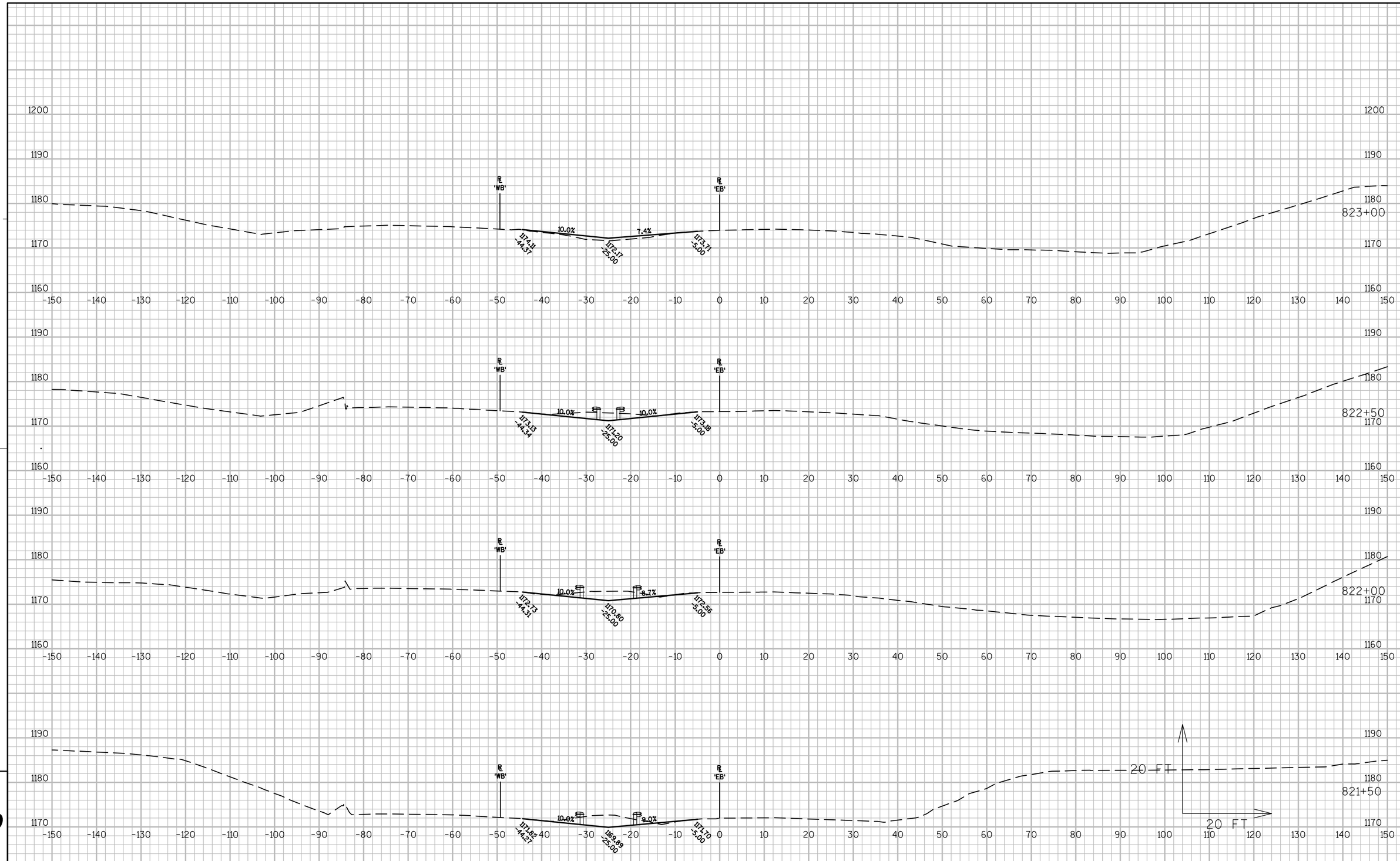

PROJECT NO:1021-01-72	HWY:IH 94	COUNTY:ST. CROIX	CROSS SECTIONS:IH 94 (MEDIAN BULLNOSE TERMINAL)	SHEET E

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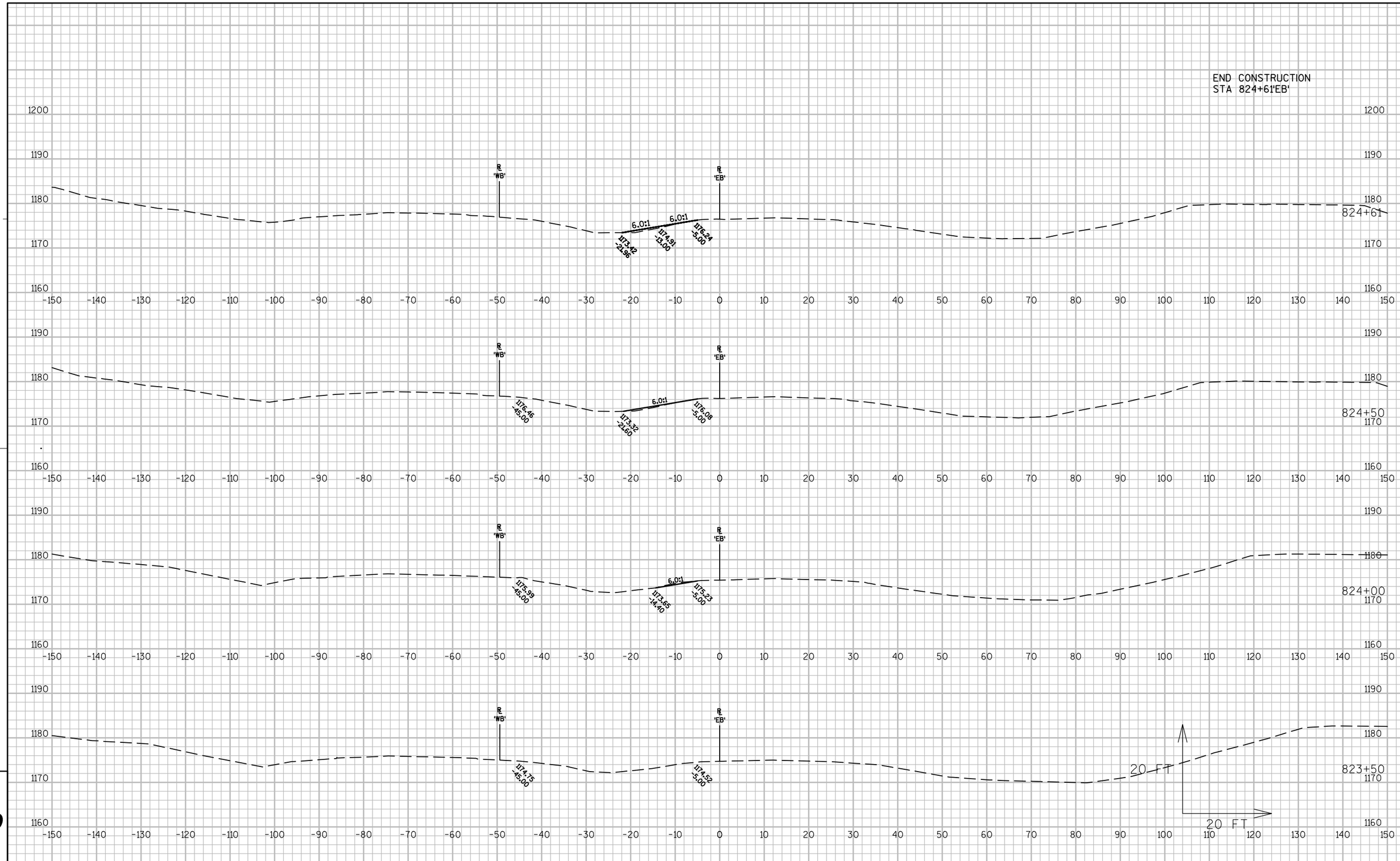
PRE_99



PROJECT NO:1021-01-72	HWY:IH 94	COUNTY:ST. CROIX	CROSS SECTIONS:IH 94 (MEDIAN BULLNOSE TERMINAL)	SHEET E

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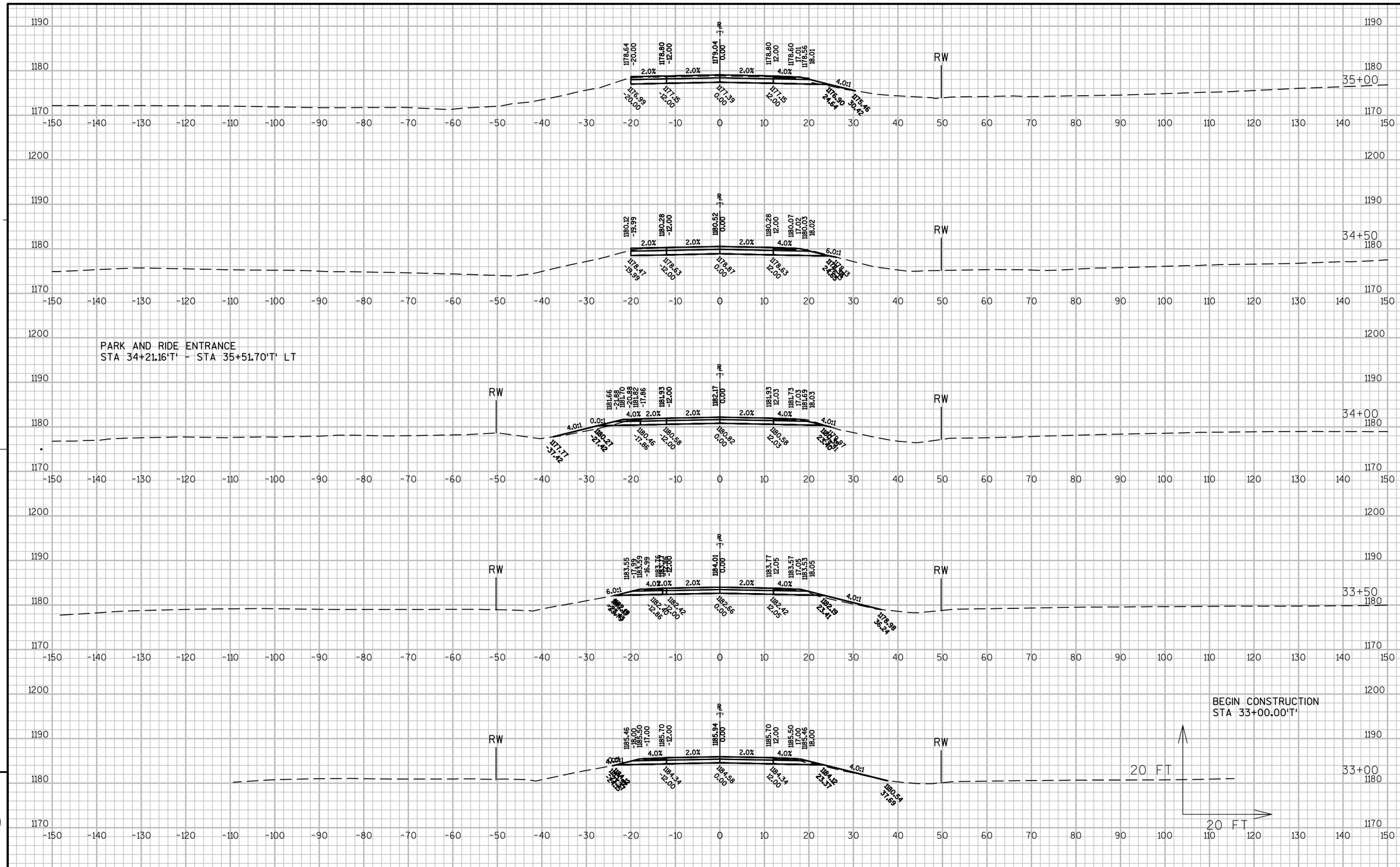
PRE_100

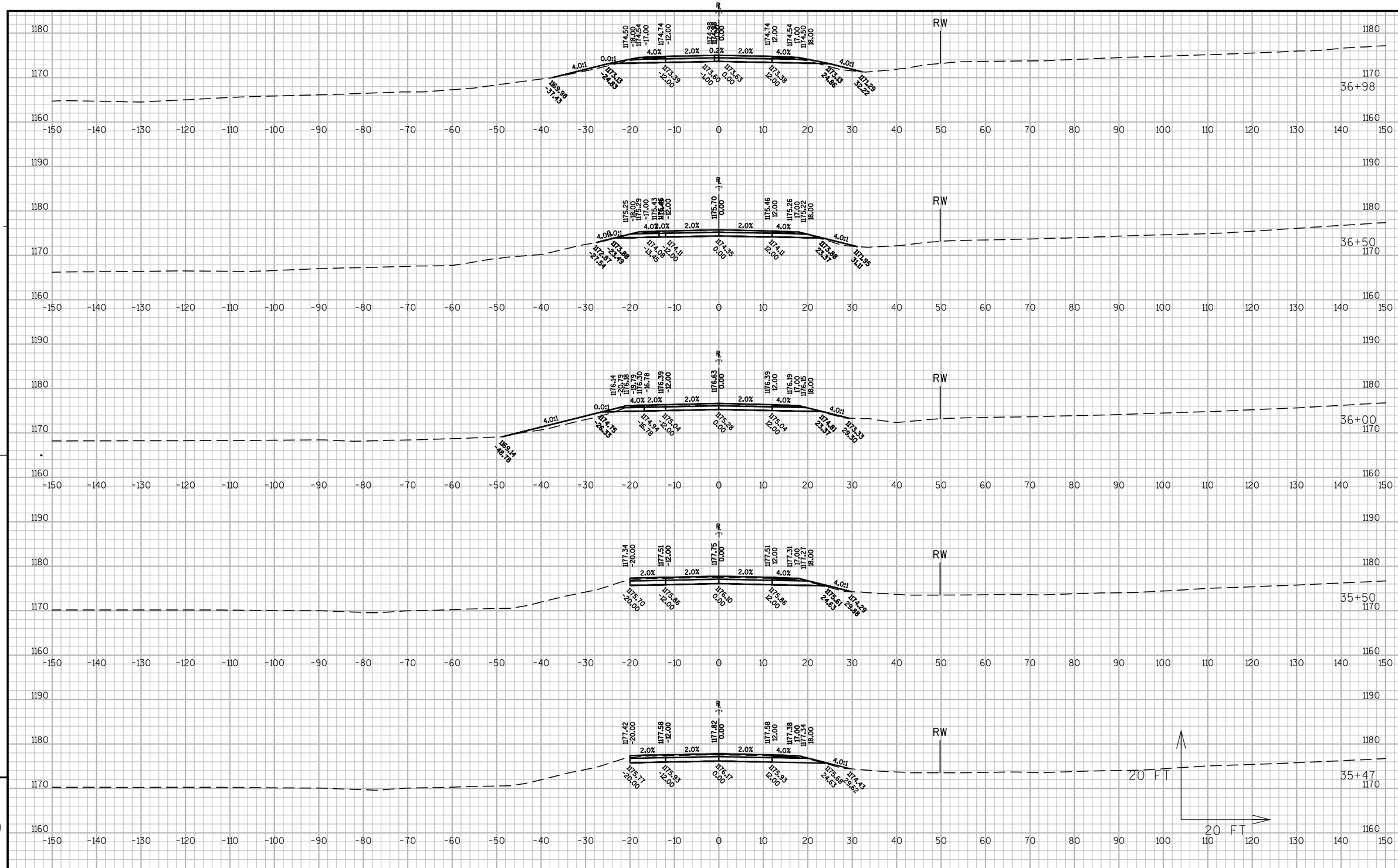


PROJECT NO:1021-01-72	HWY:IH 94	COUNTY:ST. CROIX	CROSS SECTIONS: CTH T	SHEET E

FILE NAME : X:\3230600\121622.01\TECH\CAD\10210102\SHEETSPLAN\090201_XS (CTH T).DWG PLOT DATE : 8/26/2013 3:43 PM PLOT BY : DAVID YAHNKE PLOT NAME : PLOT SCALE : 1 IN:20 FT

PRE_101

WISDOT/CADDS SHEET 49



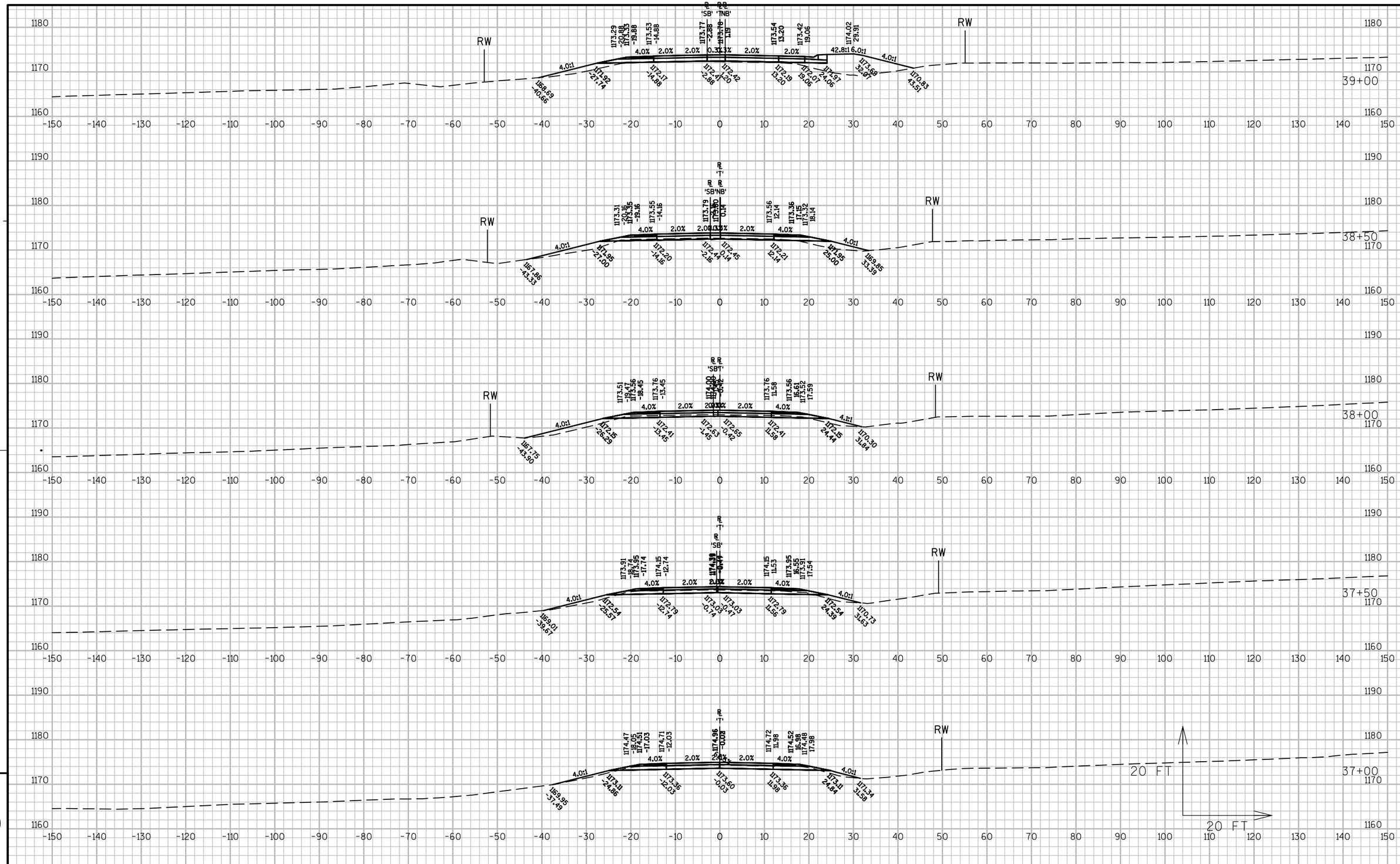
PROJECT NO:1021-01-72	HWY:IH 94	COUNTY:ST. CROIX	CROSS SECTIONS:CTH T	SHEET E

FILE NAME : X:\3230600\121622.01\TECH\CAD\10210102\SHEETSPLAN\090201_XS (CTH T).DWG PLOT DATE : 8/26/2013 3:43 PM PLOT BY : DAVID YAHNKE PLOT NAME : PLOT SCALE : 1 IN:20 FT

PRE_102

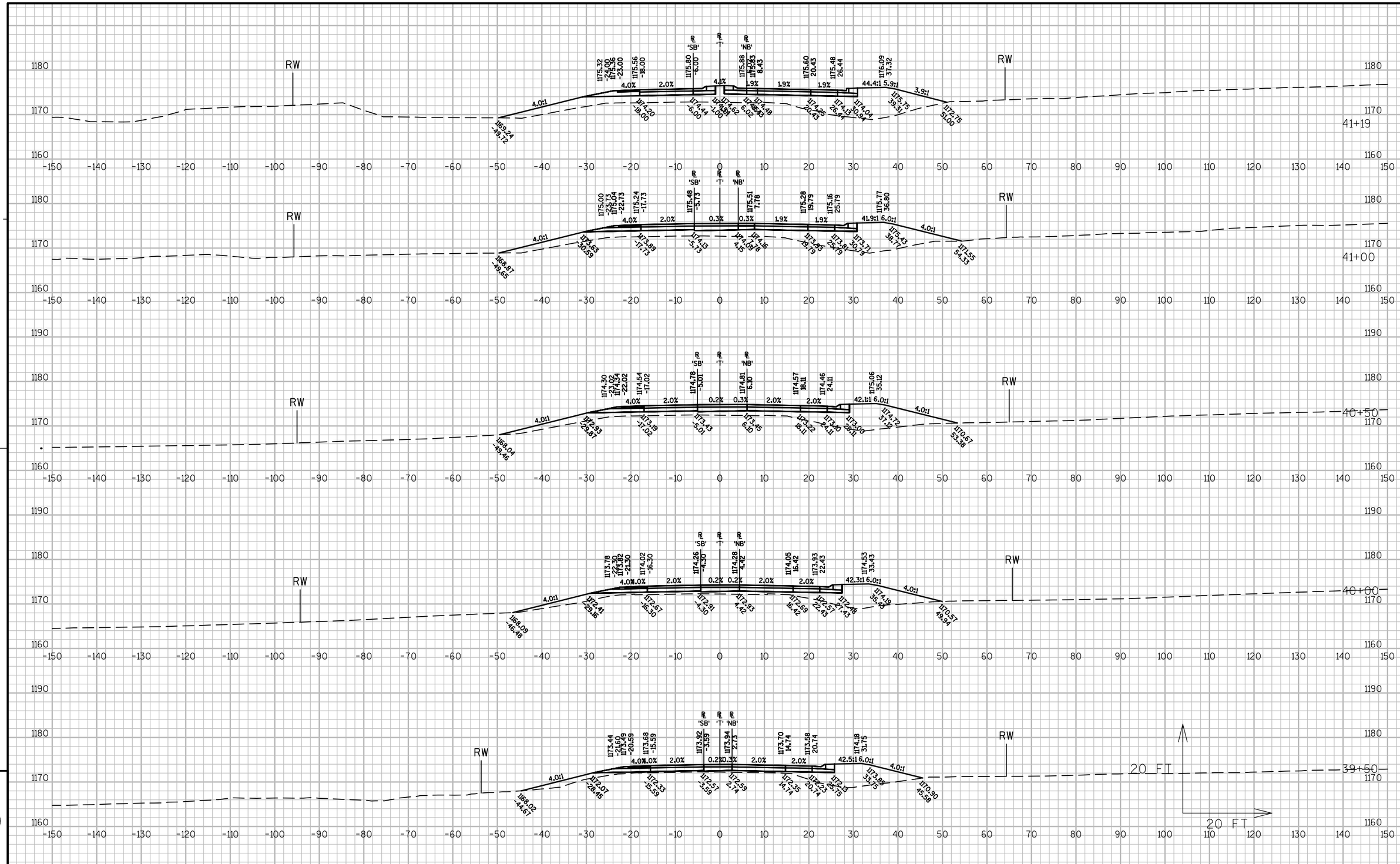
WISDOT/CADDS SHEET 49

9 9



PROJECT NO:1021-01-72	HWY:IH 94	COUNTY:ST. CROIX	CROSS SECTIONS:CTH T	SHEET E

FILE NAME : X:\3230600\121622.01\TECH\CAD\10210102\SHEETSPLAN\090201_XS (CTH T).DWG PLOT DATE : 8/26/2013 3:44 PM PLOT BY : DAVID YAHNKE PLOT NAME : PLOT SCALE : 1 IN:20 FT

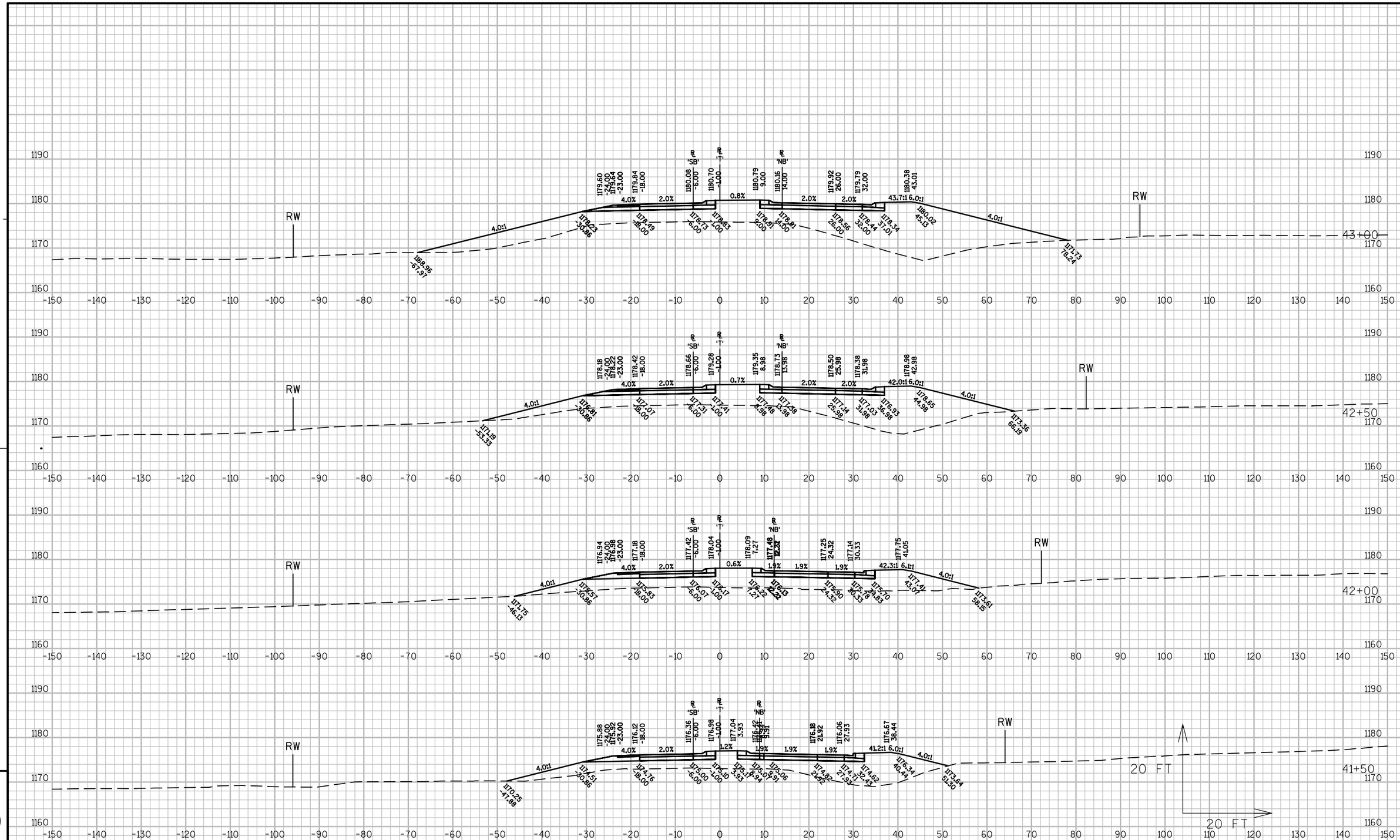


PROJECT NO:1021-01-72	HWY:IH 94	COUNTY:ST. CROIX	CROSS SECTIONS: CTH T	SHEET E

FILE NAME : X:\3230600\121622.01\TECH\CAD\10210102\SHEETSPLAN\090201_XS (CTH T).DWG PLOT DATE : 8/26/2013 3:44 PM PLOT BY : DAVID YAHNKE PLOT NAME : PLOT SCALE : 1 IN:20 FT

PRE_104

WISDOT/CADDS SHEET 49



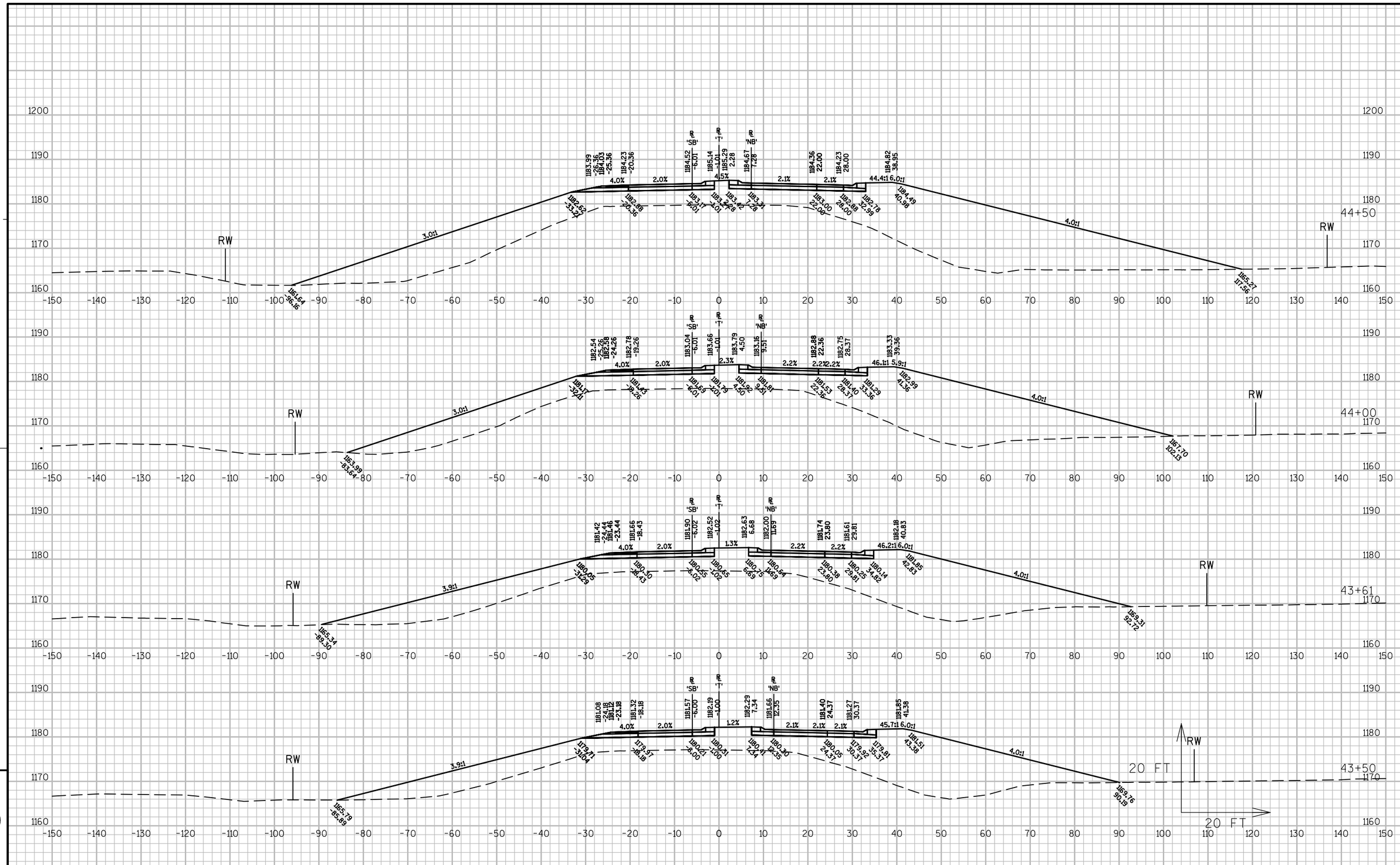
PROJECT NO:1021-01-72	HWY:IH 94	COUNTY:ST. CROIX	CROSS SECTIONS:CTH T	SHEET E

FILE NAME : X:\3230600\121622.01\TECH\CAD\10210102\SHEETSPLAN\090201_XS (CTH T).DWG PLOT DATE : 8/26/2013 3:44 PM PLOT BY : DAVID YAHNKE PLOT NAME : PLOT SCALE : 1 IN:20 FT

PRE_105

WISDOT/CADDS SHEET 49

9 9

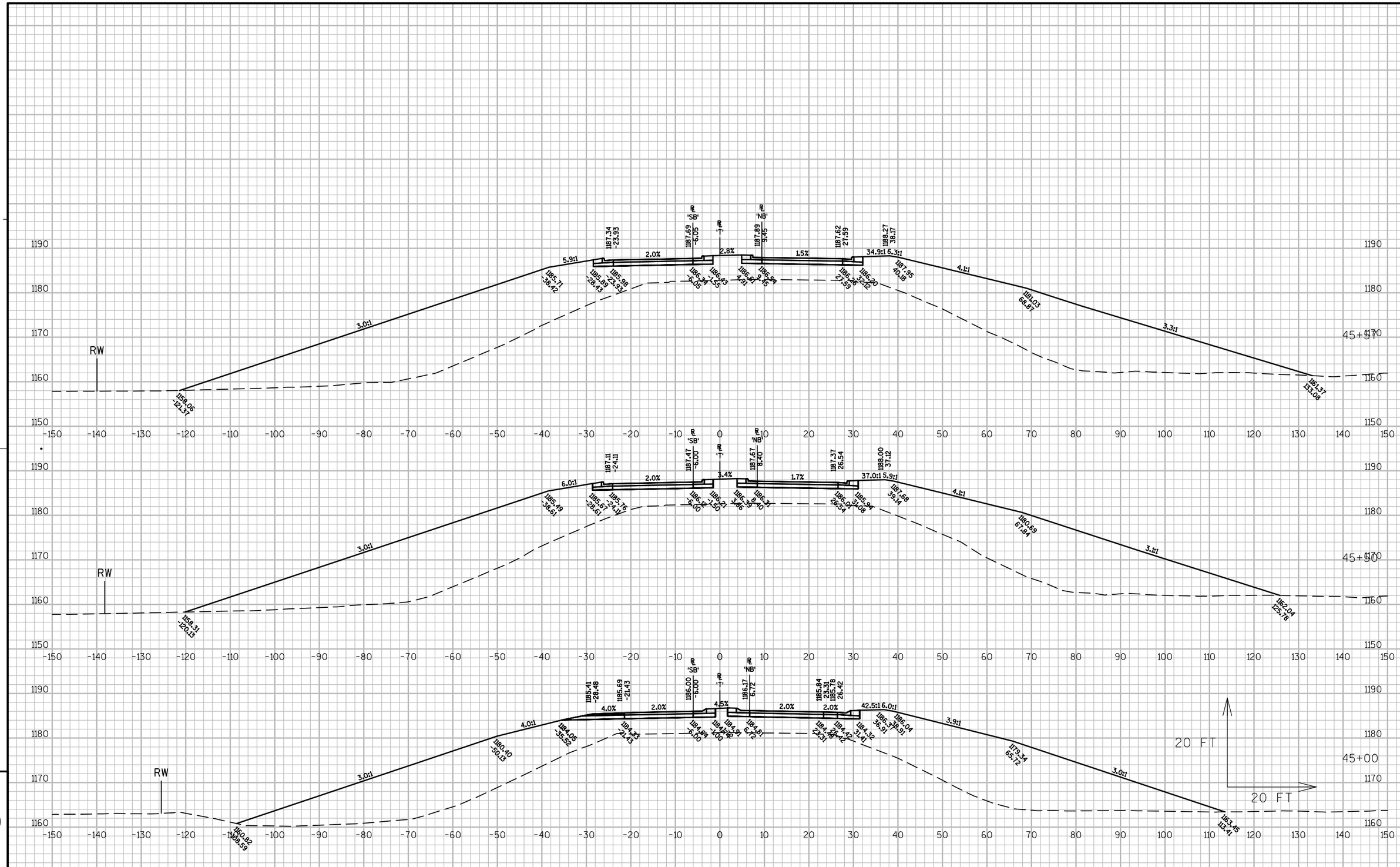


PROJECT NO:1021-01-72	HWY:IH 94	COUNTY:ST. CROIX	CROSS SECTIONS: CTH T	SHEET E

FILE NAME : X:\3230600\121622.01\TECH\CAD\10210102\SHEETSPLAN\090201_XS (CTH T).DWG PLOT DATE : 8/26/2013 3:45 PM PLOT BY : DAVID YAHNKE PLOT NAME : PLOT SCALE : 1 IN:20 FT

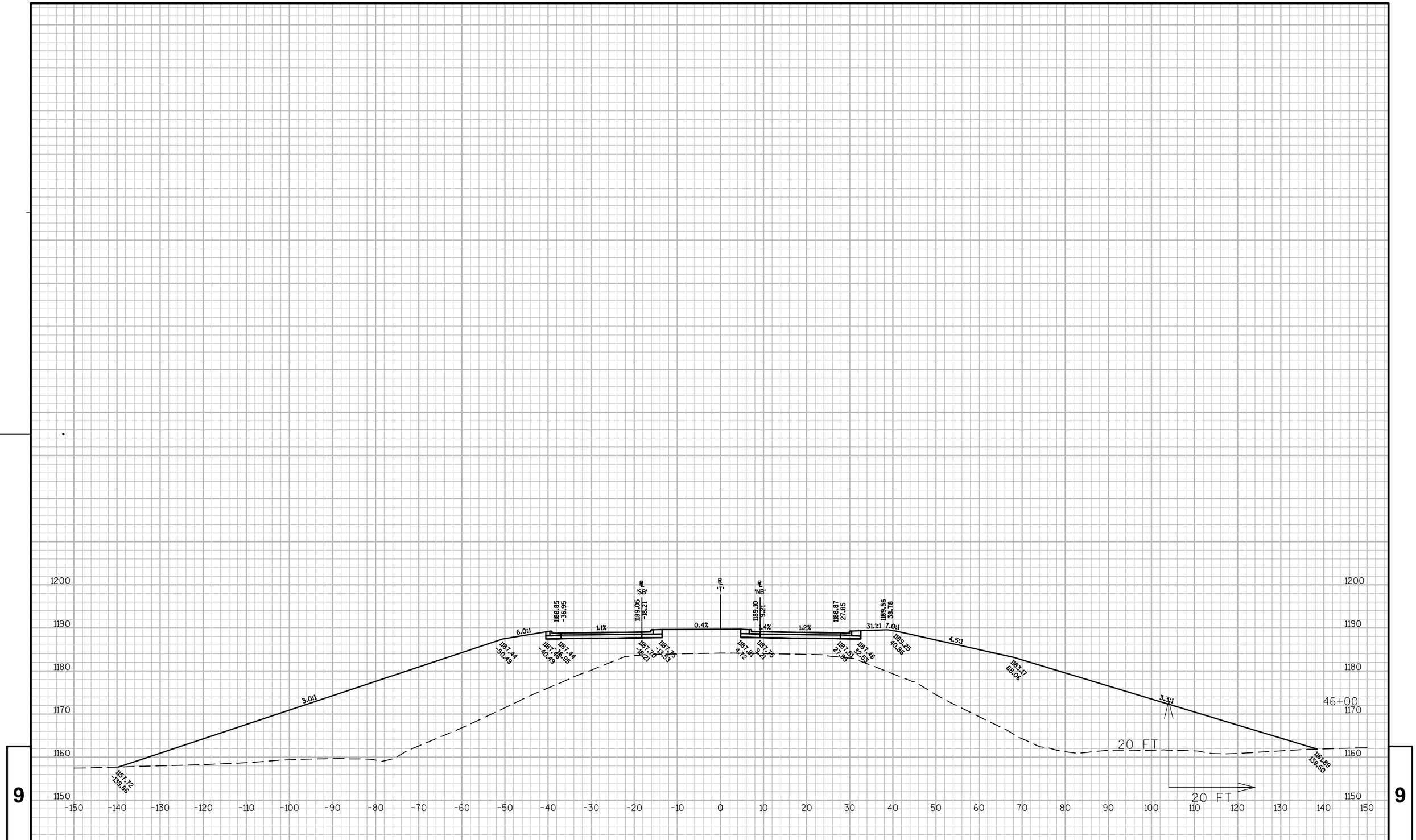
PRE_106

WISDOT/CADDS SHEET 49



PROJECT NO:1021-01-72	HWY:IH 94	COUNTY:ST. CROIX	CROSS SECTIONS:CTH T	SHEET E

FILE NAME : X:\3230600\121622.01\TECH\CAD\10210102\SHEETSPLAN\090201_XS (CTH T).DWG PLOT DATE : 8/26/2013 3:45 PM PLOT BY : DAVID YAHNKE PLOT NAME : PLOT SCALE : 1 IN:20 FT



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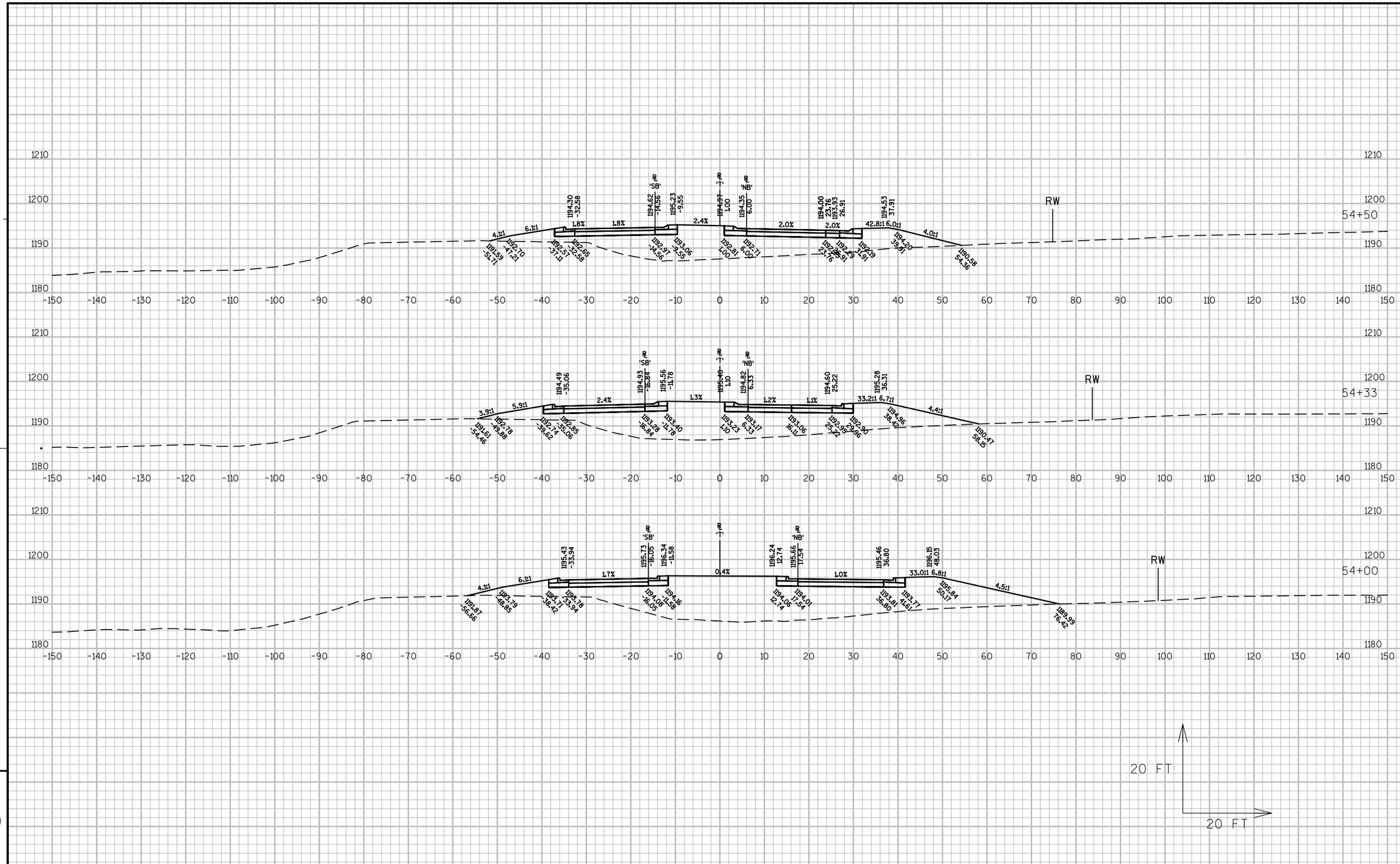
PROJECT NO:1021-01-72	HWY:IH 94	COUNTY:ST. CROIX	CROSS SECTIONS: CTH T	SHEET E

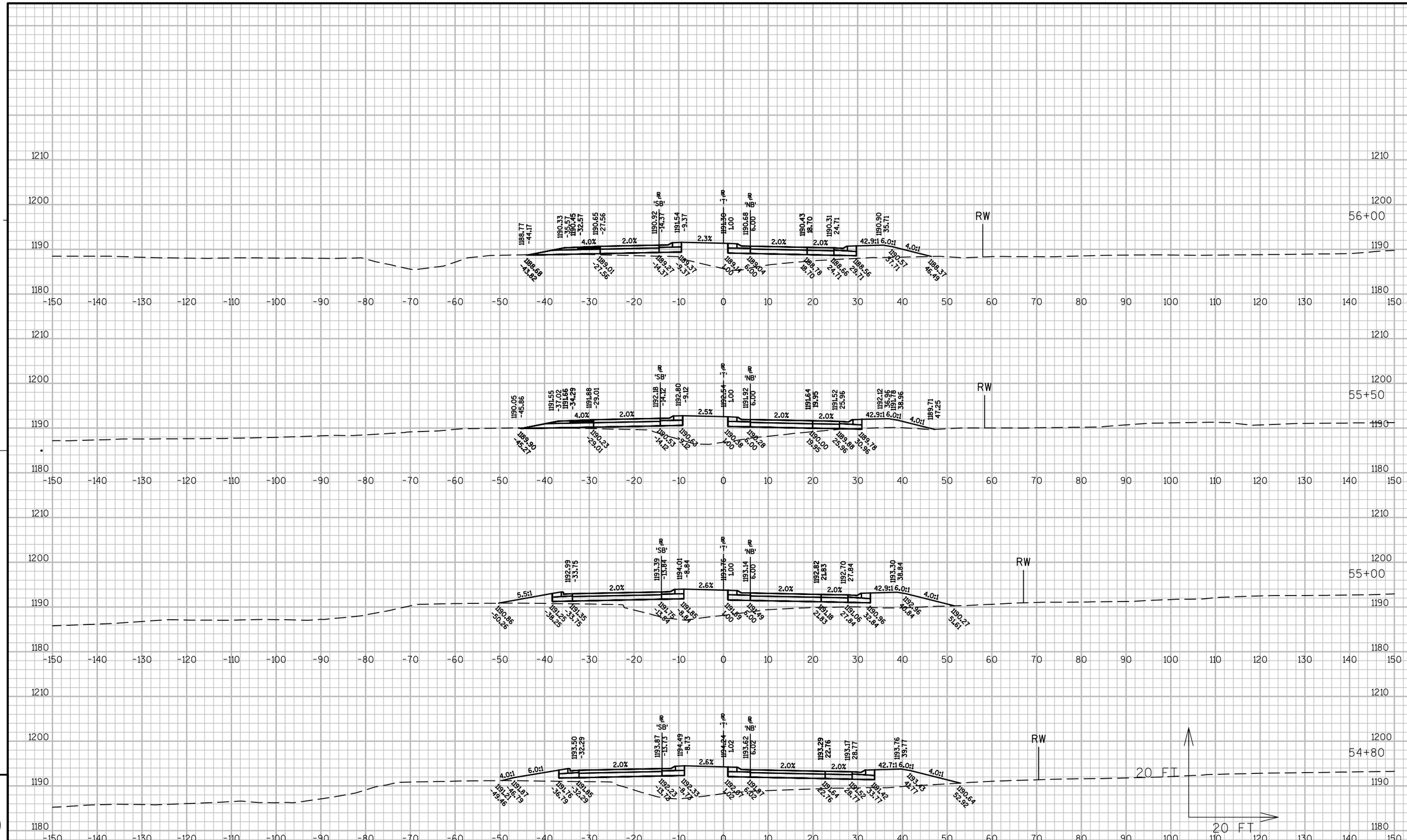
FILE NAME : X:\3230600\121622.01\TECH\CAD\10210102\SHEETSPLAN\090201_XS (CTH T).DWG PLOT DATE : 8/26/2013 3:45 PM PLOT BY : DAVID YAHNKE PLOT NAME : PLOT SCALE : 1 IN:20 FT

WISDOT/CADDS SHEET 49



PROJECT NO:1021-01-72	HWY:IH 94	COUNTY:ST. CROIX	CROSS SECTIONS:CTH T	SHEET E

FILE NAME : X:\3230600\121622.01\TECH\CAD\10210102\SHEETSPLAN\090201_XS (CTH T).DWG PLOT DATE : 8/26/2013 3:47 PM PLOT BY : DAVID YAHNKE PLOT NAME : PLOT SCALE : 1 IN:20 FT

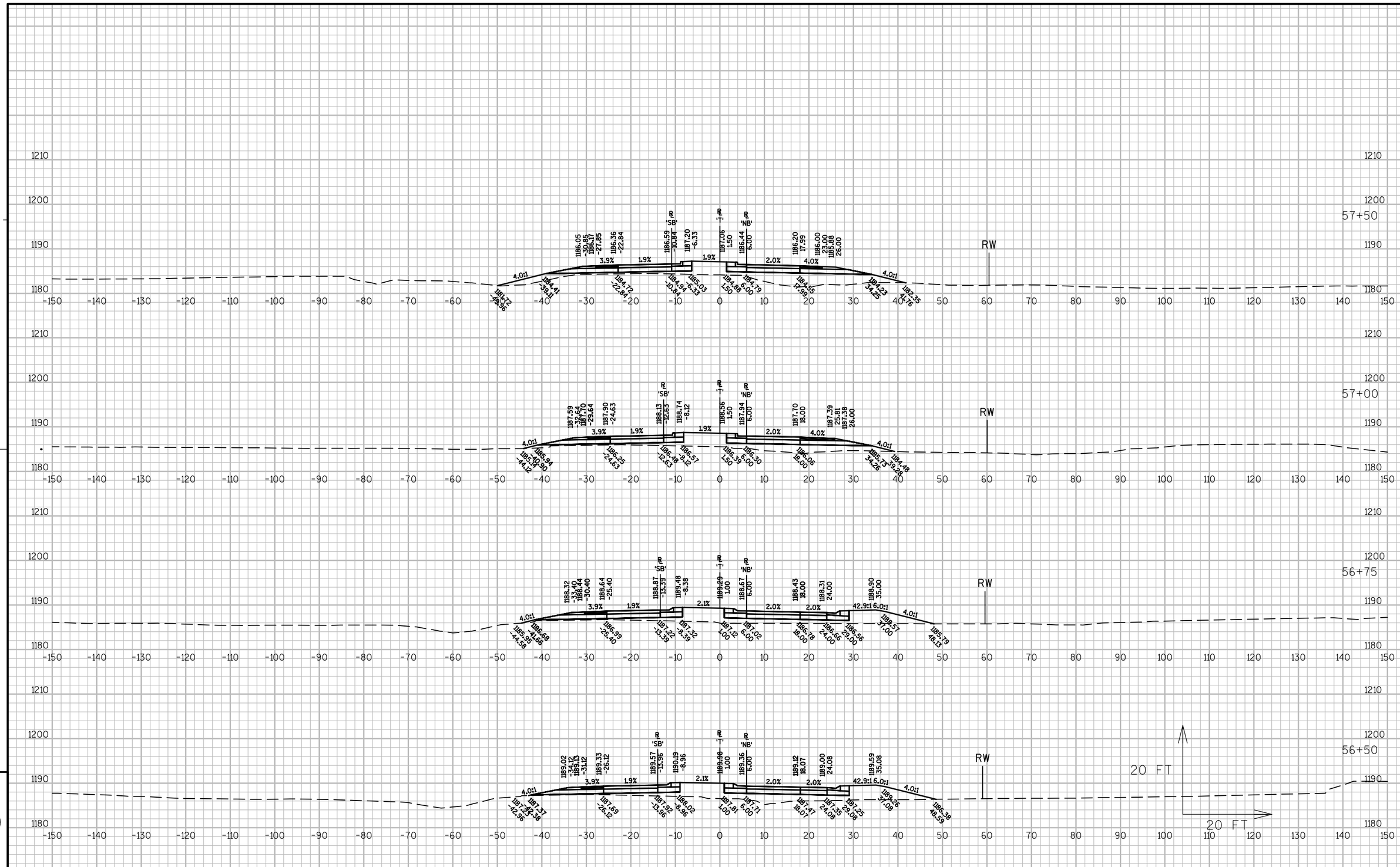


PROJECT NO:1021-01-72	HWY:IH 94	COUNTY:ST. CROIX	CROSS SECTIONS:CTH T	SHEET E

FILE NAME : X:\3230600\121622.01\TECH\CAD\10210102\SHEETSPLAN\090201_XS (CTH T).DWG PLOT DATE : 8/26/2013 3:47 PM PLOT BY : DAVID YAHNKE PLOT NAME : PLOT SCALE : 1 IN:20 FT

PRE_110

WISDOT/CADDS SHEET 49

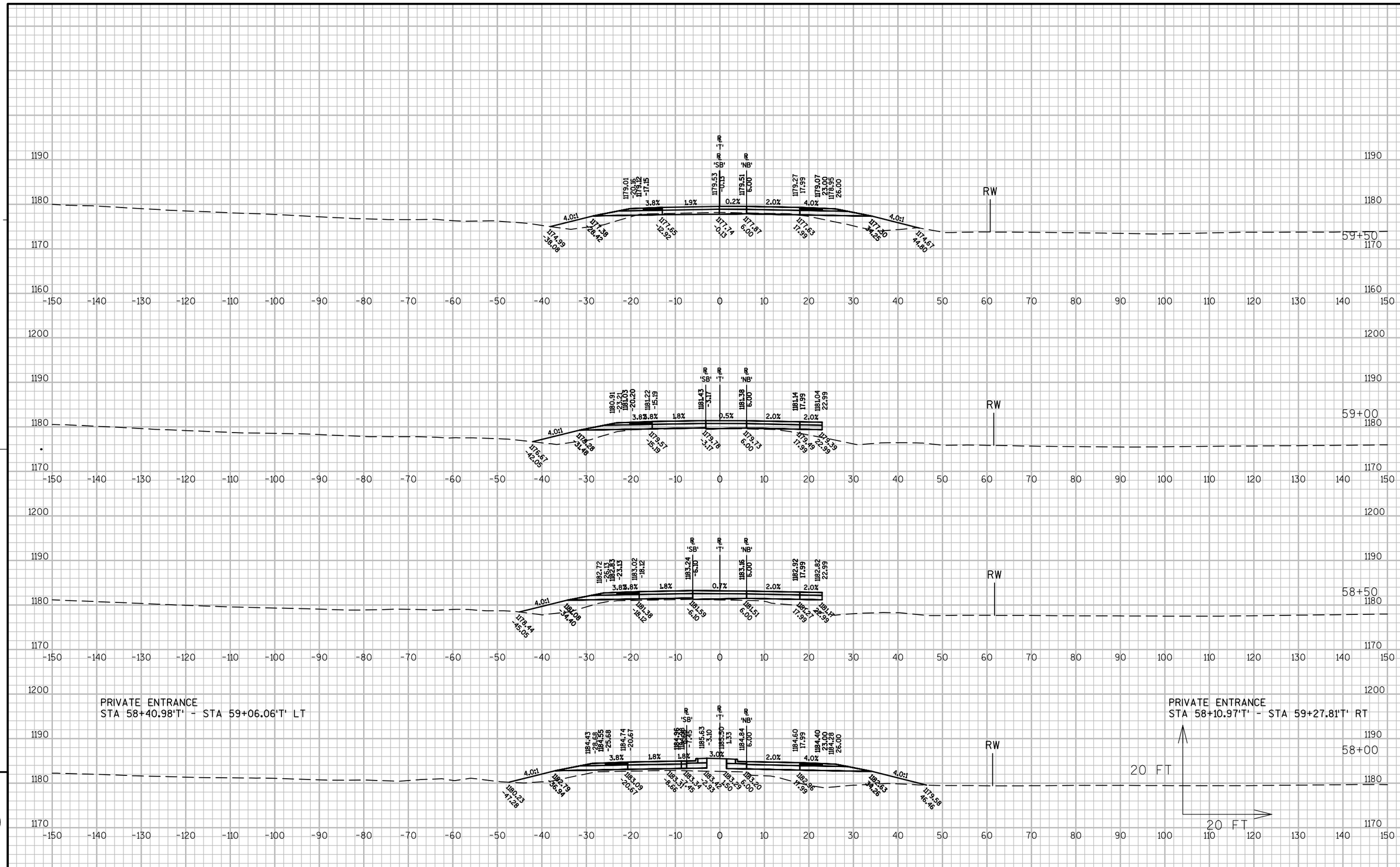


PROJECT NO:1021-01-72	HWY:IH 94	COUNTY:ST. CROIX	CROSS SECTIONS:CTH T	SHEET E

FILE NAME : X:\3230600\121622.01\TECH\CAD\10210102\SHEETSPLAN\090201_XS (CTH T).DWG PLOT DATE : 8/26/2013 3:47 PM PLOT BY : DAVID YAHNKE PLOT NAME : PLOT SCALE : 1 IN:20 FT

PRE_111

WISDOT/CADDS SHEET 49



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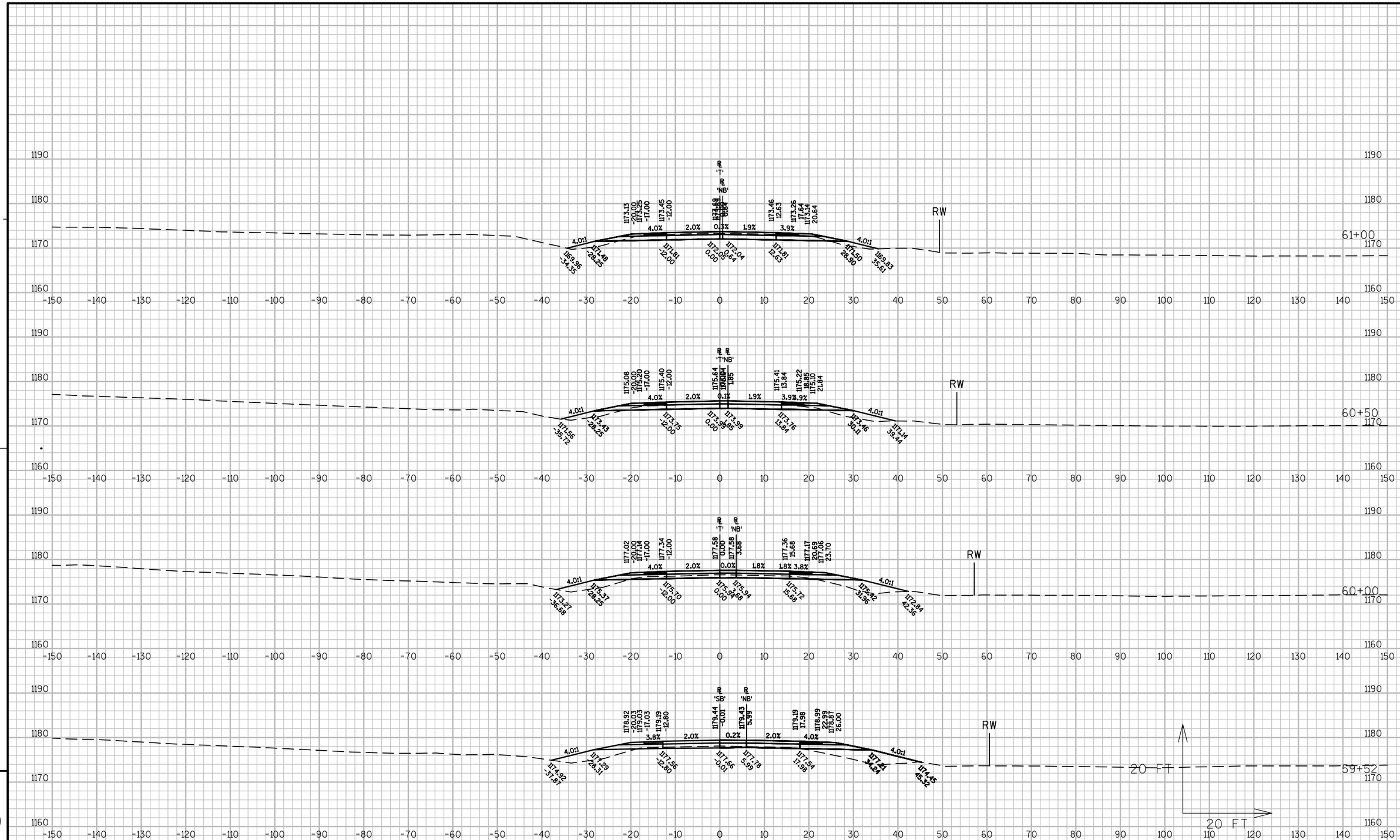
9

PROJECT NO:1021-01-72	HWY:IH 94	COUNTY:ST. CROIX	CROSS SECTIONS: CTH T	SHEET E

FILE NAME : X:\3230600\121622.01\TECH\CAD\10210102\SHEETSPLAN\090201_XS (CTH T).DWG PLOT DATE : 8/26/2013 3:48 PM PLOT BY : DAVID YAHNKE PLOT NAME : PLOT SCALE : 1 IN:20 FT

PRE_112

WISDOT/CADDS SHEET 49

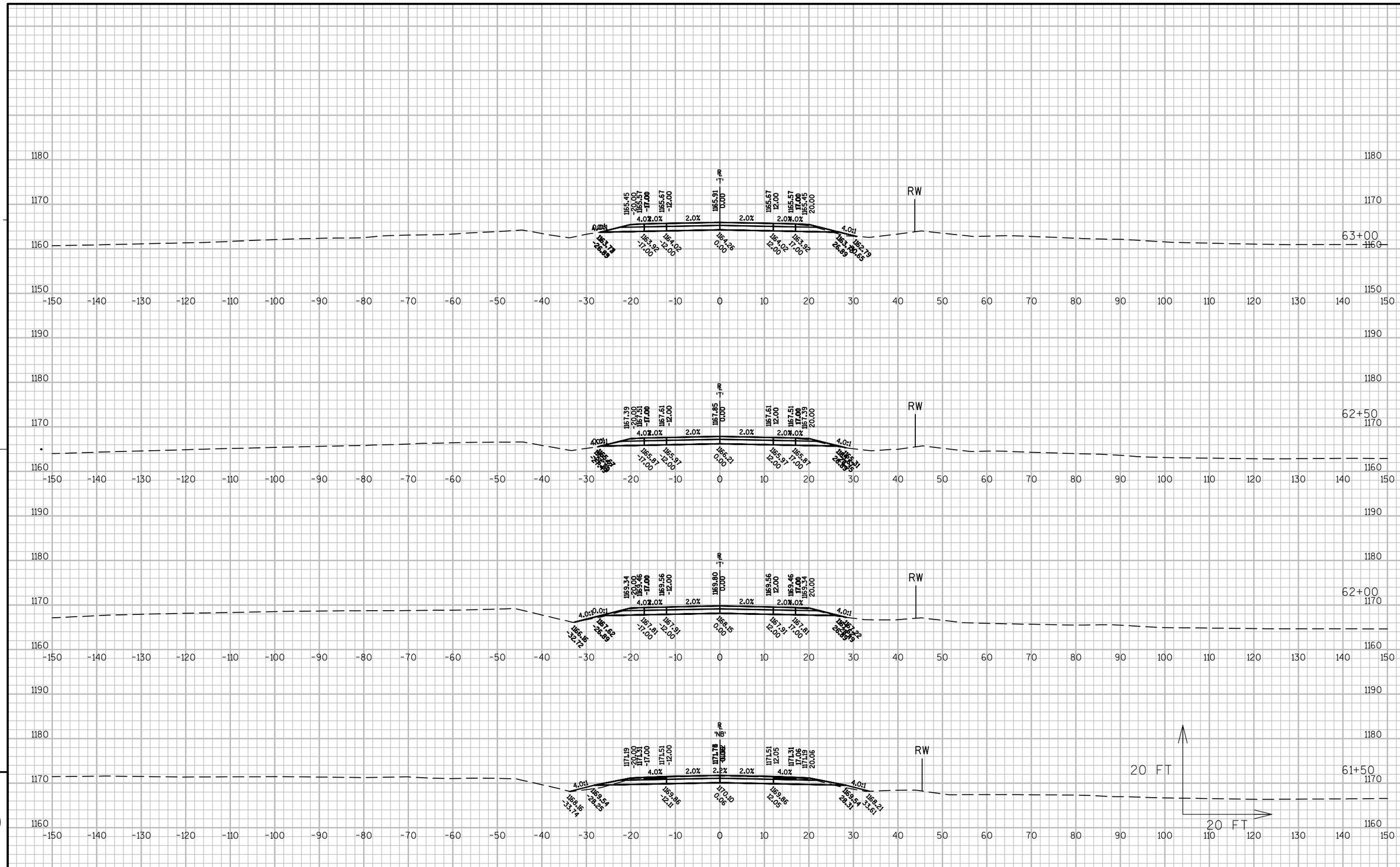


PROJECT NO:1021-01-72	HWY:IH 94	COUNTY:ST. CROIX	CROSS SECTIONS:CTH T	SHEET E

FILE NAME : X:\3230600\121622.01\TECH\CAD\10210102\SHEETSPLAN\090201_XS (CTH T).DWG PLOT DATE : 8/26/2013 3:48 PM PLOT BY : DAVID YAHNKE PLOT NAME : PLOT SCALE : 1 IN:20 FT

PRE_113

WISDOT/CADDS SHEET 49

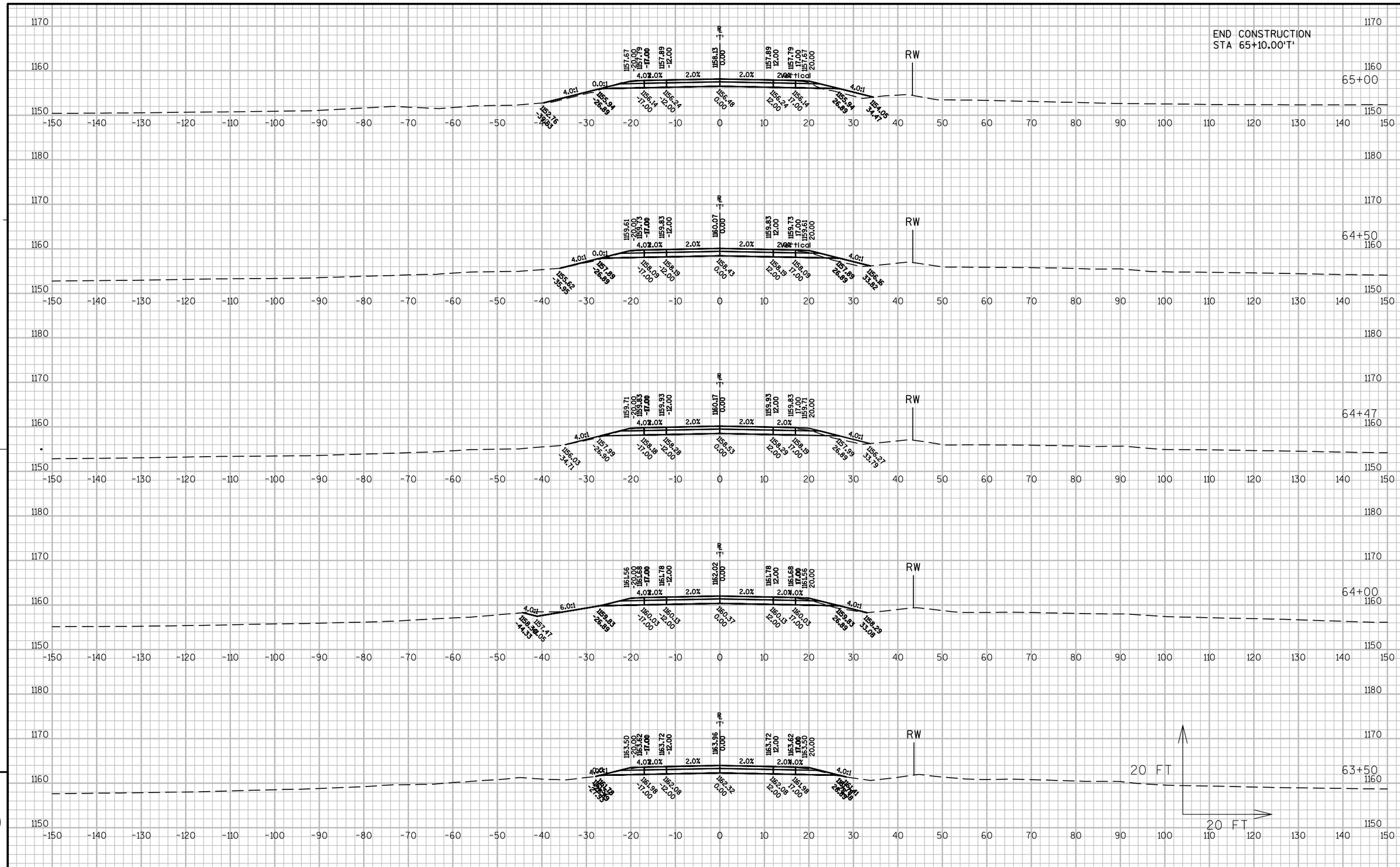


PROJECT NO:1021-01-72	HWY:IH 94	COUNTY:ST. CROIX	CROSS SECTIONS: CTH T	SHEET E

FILE NAME : X:\3230600\121622.01\TECH\CAD\10210102\SHEETSPLAN\090201_XS (CTH T).DWG PLOT DATE : 8/26/2013 3:48 PM PLOT BY : DAVID YAHNKE PLOT NAME : PLOT SCALE : 1 IN:20 FT

PRE_114

WISDOT/CADDS SHEET 49

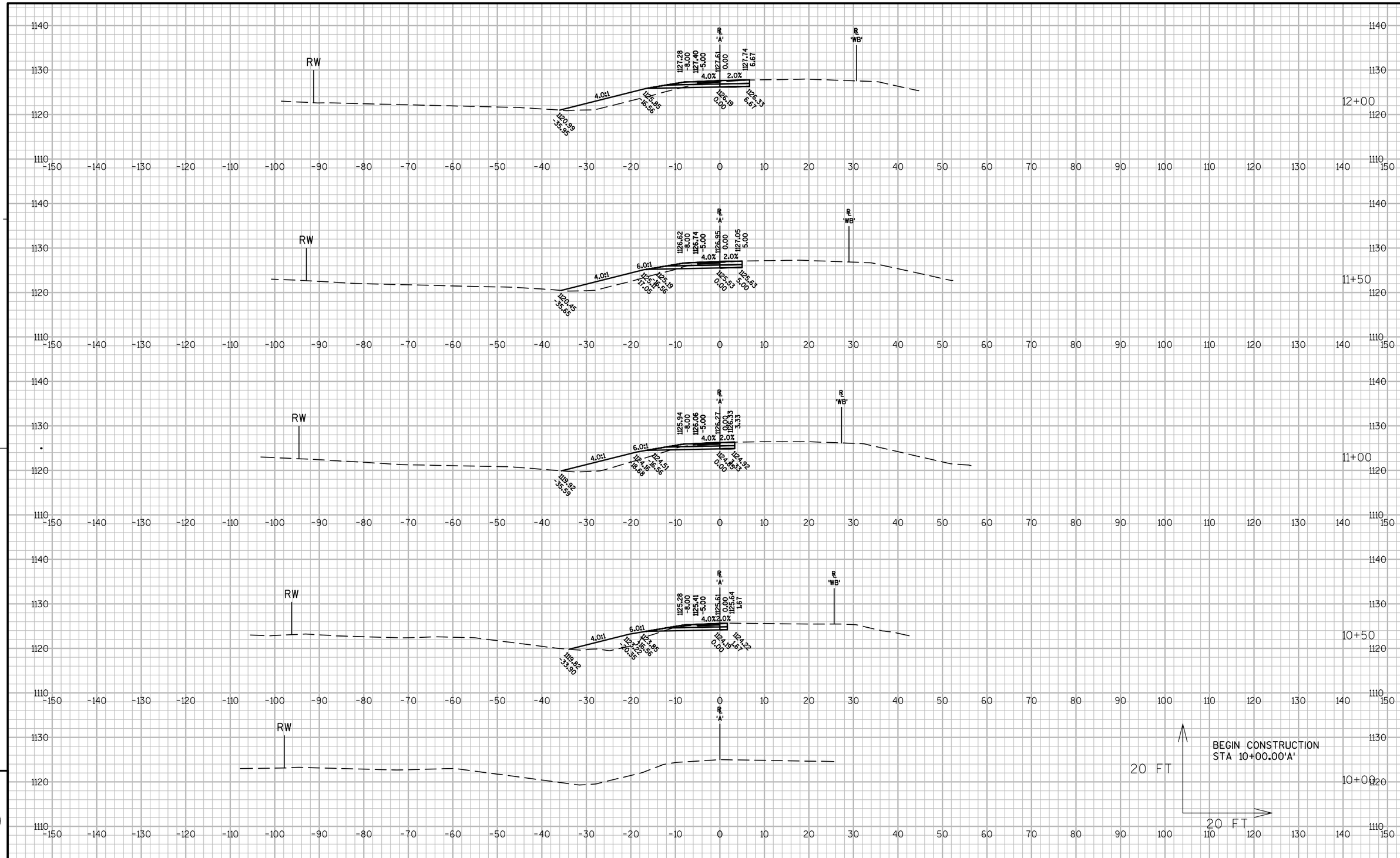


PROJECT NO:1021-01-72	HWY:IH 94	COUNTY:ST. CROIX	CROSS SECTIONS: CTH T	SHEET E

FILE NAME : X:\3230600\121622.01\TECH\CAD\10210102\SHEETSPLAN\090201_XS (CTH T).DWG PLOT DATE : 8/26/2013 3:49 PM PLOT BY : DAVID YAHNKE PLOT NAME : PLOT SCALE : 1 IN:20 FT

PRE_115

WISDOT/CADDS SHEET 49

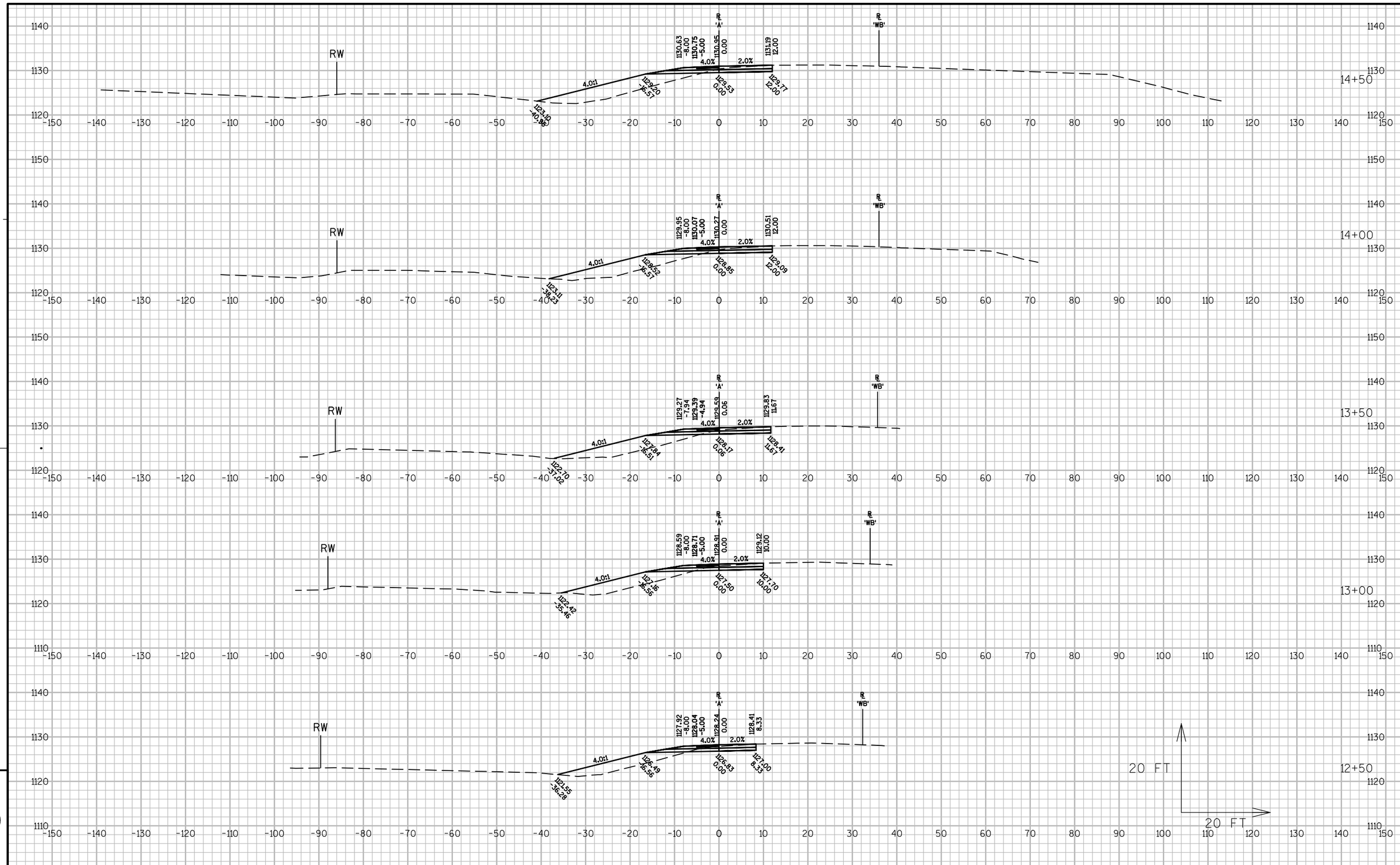


PROJECT NO:1021-01-72	HWY:IH 94	COUNTY:ST. CROIX	CROSS SECTIONS:RAMP A	SHEET E

FILE NAME : X:\3230600\121622.01\TECH\CAD\10210102\SHEETSPLAN\090202_XS (NW RAMP).DWG PLOT DATE : 8/26/2013 3:15 PM PLOT BY : DAVID YAHNKE PLOT NAME : PLOT SCALE : 1 IN:20 FT

PRE_116

WISDOT/CADDS SHEET 49

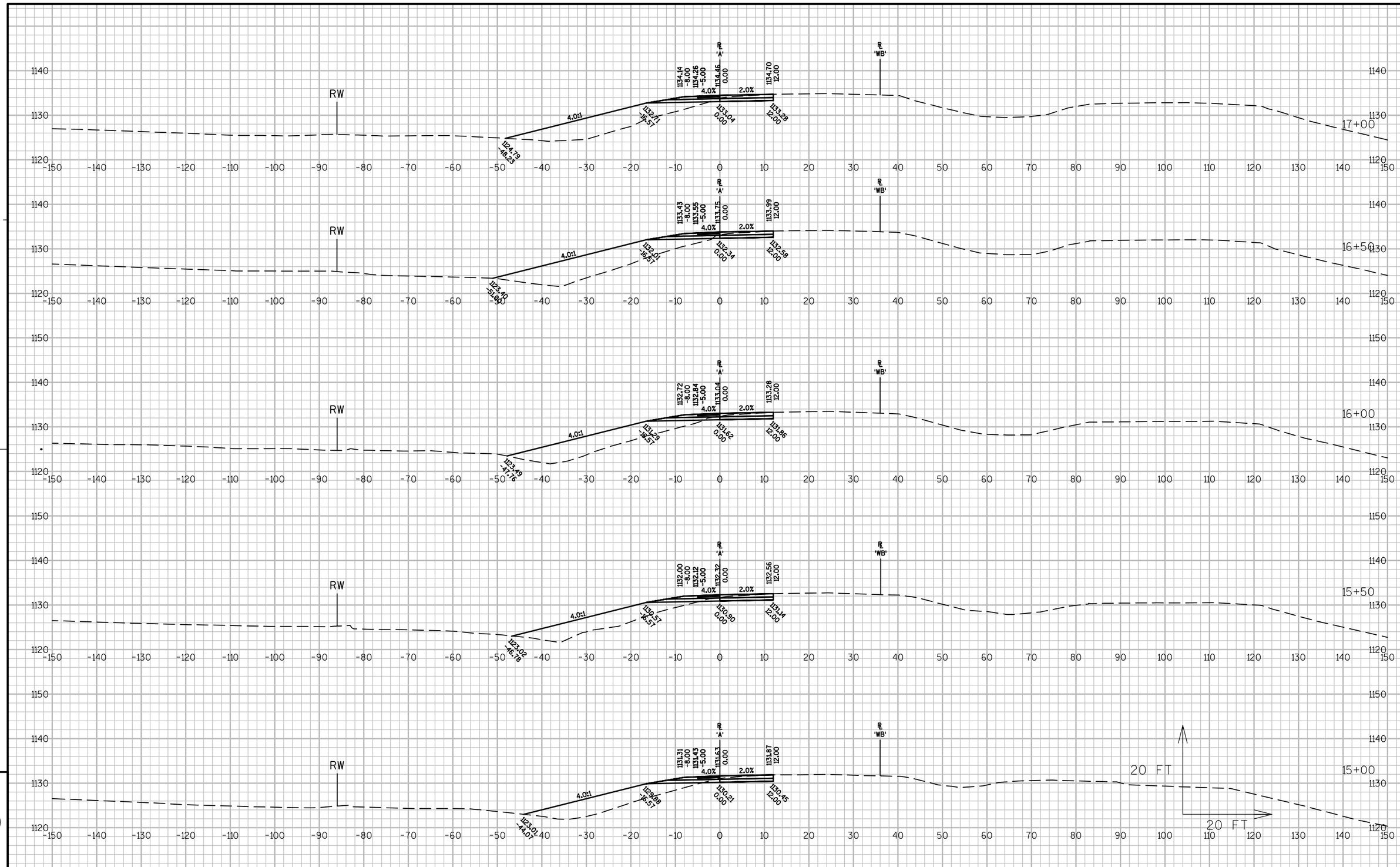


PROJECT NO:1021-01-72	HWY:IH 94	COUNTY:ST. CROIX	CROSS SECTIONS: RAMP A	SHEET E

FILE NAME : X:\3230600\121622.01\TECH\CAD\10210102\SHEETSPLAN\090202_XS (NW RAMP).DWG PLOT DATE : 8/26/2013 3:15 PM PLOT BY : DAVID YAHNKE PLOT NAME : PLOT SCALE : 1 IN:20 FT

PRE_117

WISDOT/CADDS SHEET 49

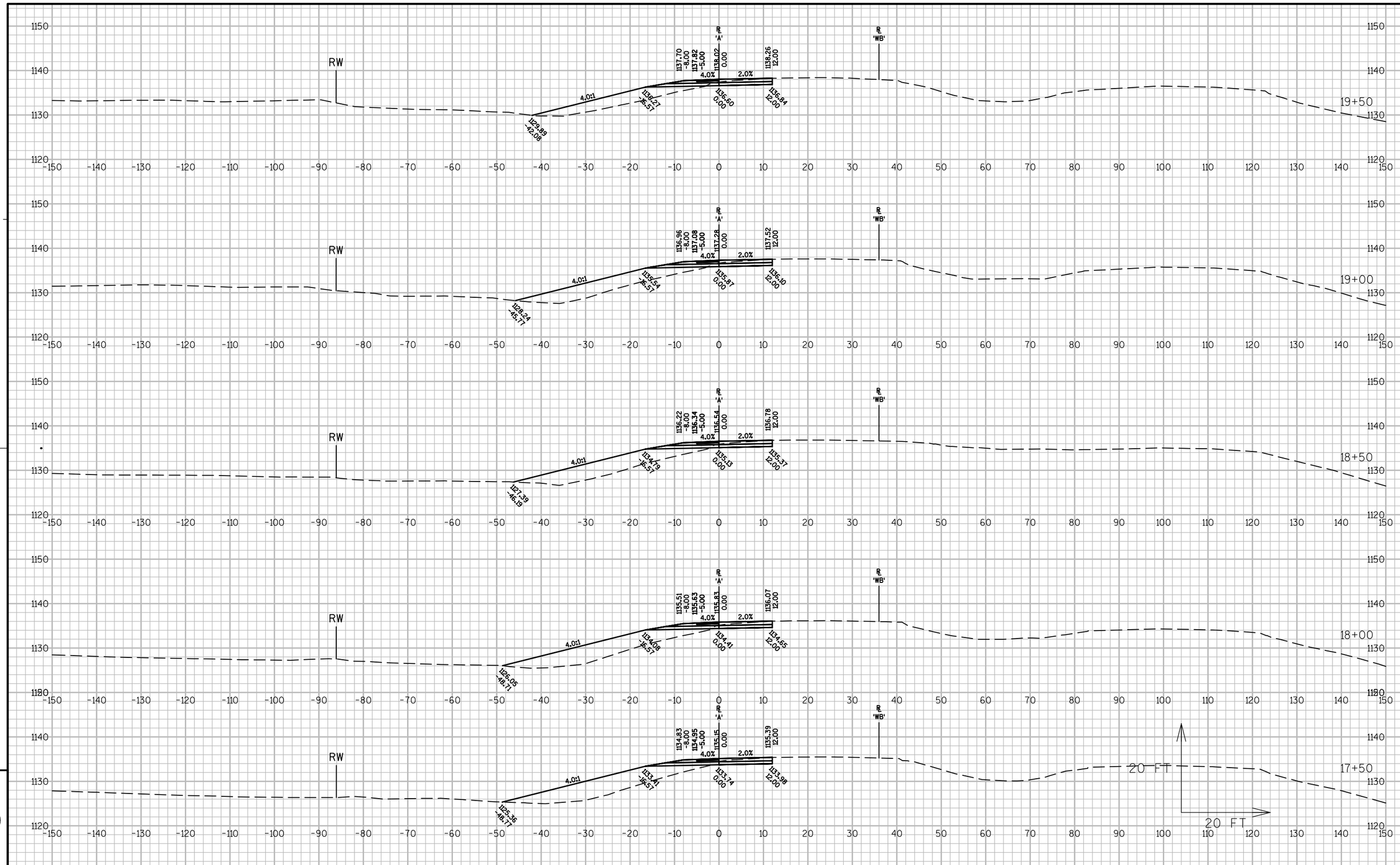


PROJECT NO:1021-01-72	HWY:IH 94	COUNTY:ST. CROIX	CROSS SECTIONS: RAMP A	SHEET E

FILE NAME : X:\3230600\121622.01\TECH\CAD\10210102\SHEETSPLAN\090202_XS (NW RAMP).DWG PLOT DATE : 8/26/2013 3:15 PM PLOT BY : DAVID YAHNKE PLOT NAME : PLOT SCALE : 1 IN:20 FT

PRE_118

WISDOT/CADDS SHEET 49

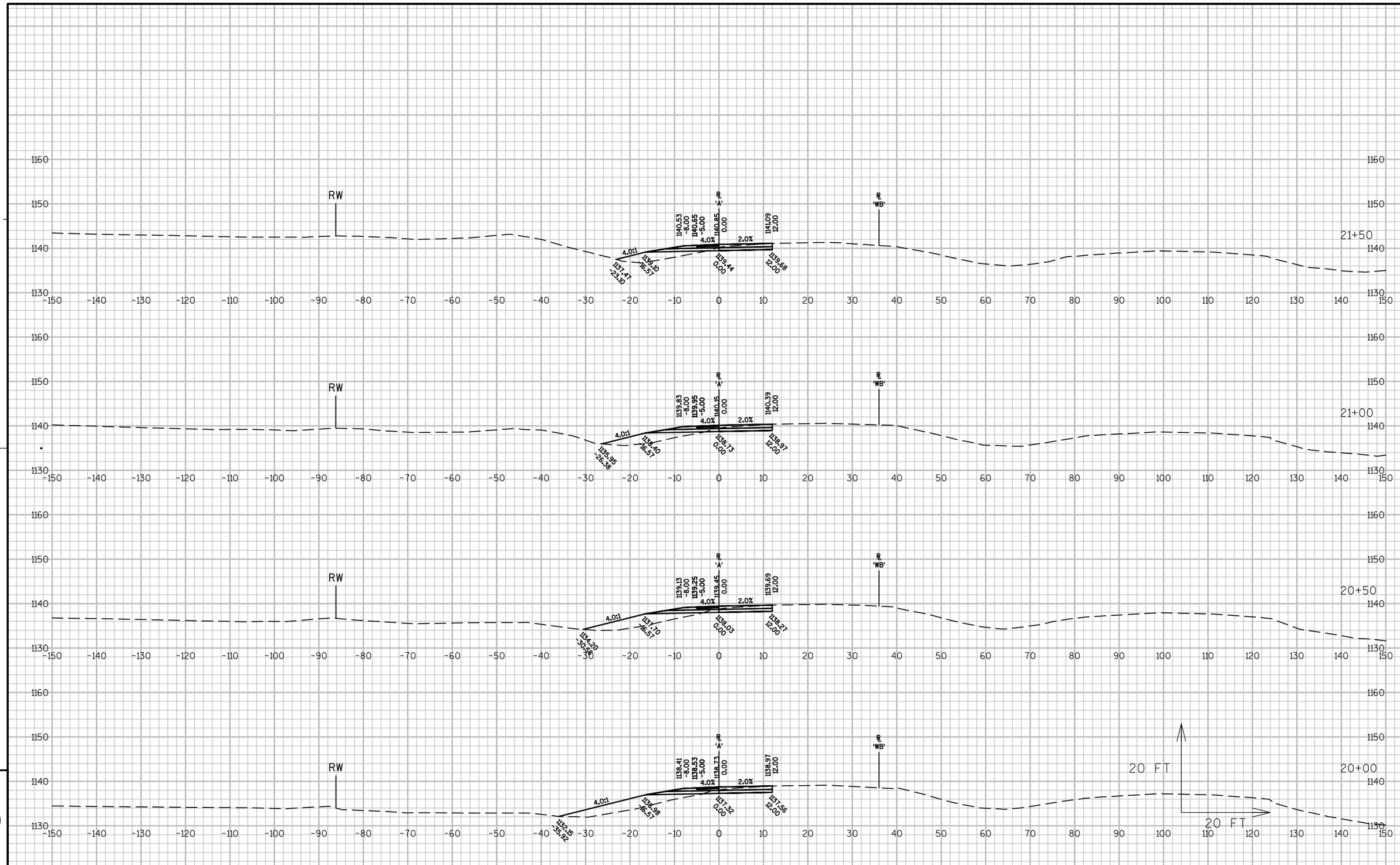


PROJECT NO:1021-01-72	HWY:IH 94	COUNTY:ST. CROIX	CROSS SECTIONS: RAMP A	SHEET E

FILE NAME : X:\3230600\121622.01\TECH\CAD\10210102\SHEETSPLAN\090202_XS (NW RAMP).DWG PLOT DATE : 8/26/2013 3:15 PM PLOT BY : DAVID YAHNKE PLOT NAME : PLOT SCALE : 1 IN:20 FT

PRE_119

WISDOT/CADDS SHEET 49



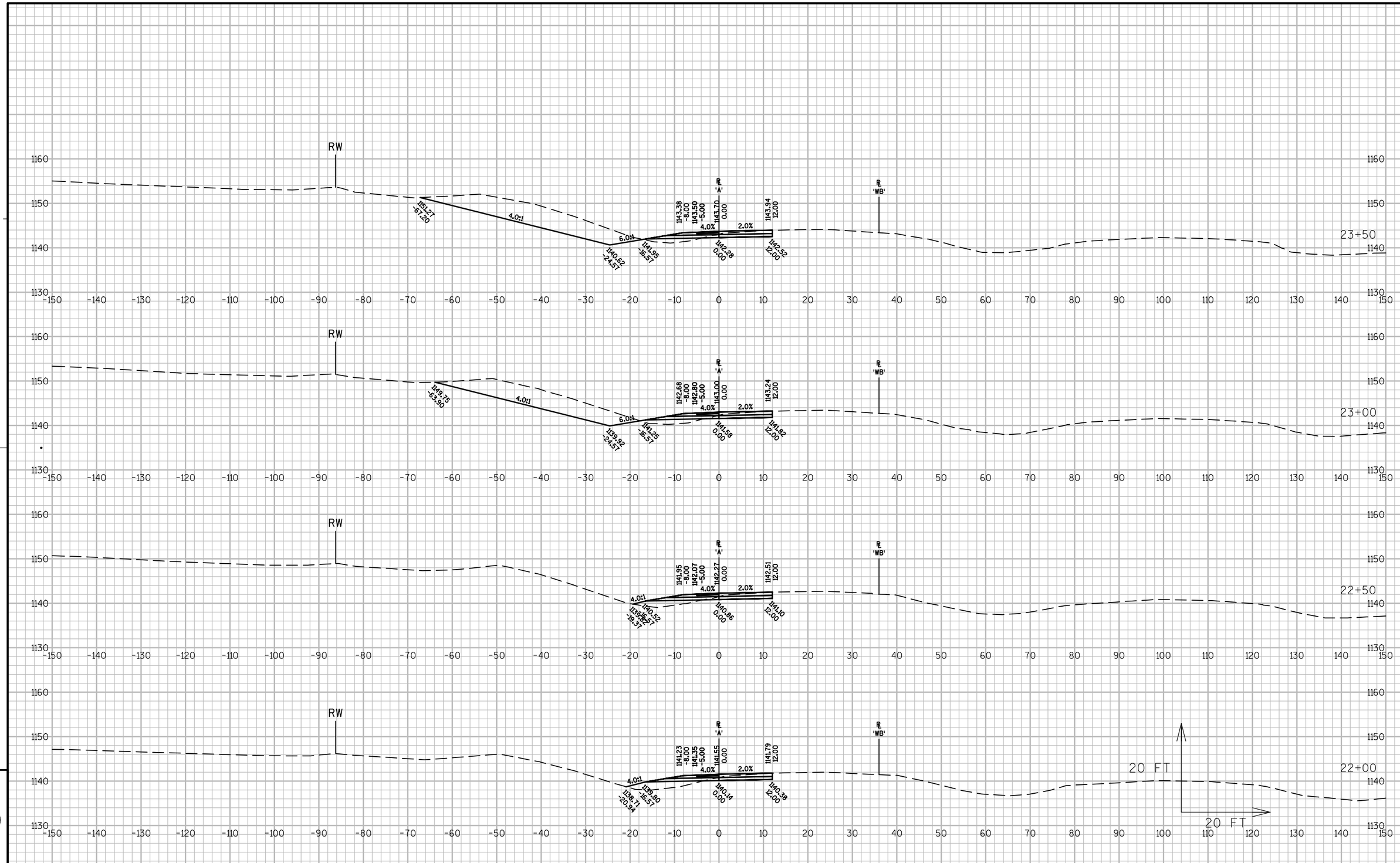
9

PROJECT NO:1021-01-72	HWY:IH 94	COUNTY:ST. CROIX	CROSS SECTIONS: RAMP A	SHEET E

PRE_120

FILE NAME : X:\3230600\121622.01\TECH\CAD\10210102\SHEETSPLAN\090202_XS (NW RAMP).DWG PLOT DATE : 8/26/2013 3:16 PM PLOT BY : DAVID YAHNKE PLOT NAME : PLOT SCALE : 1 IN:20 FT

WISDOT/CADDS SHEET 49

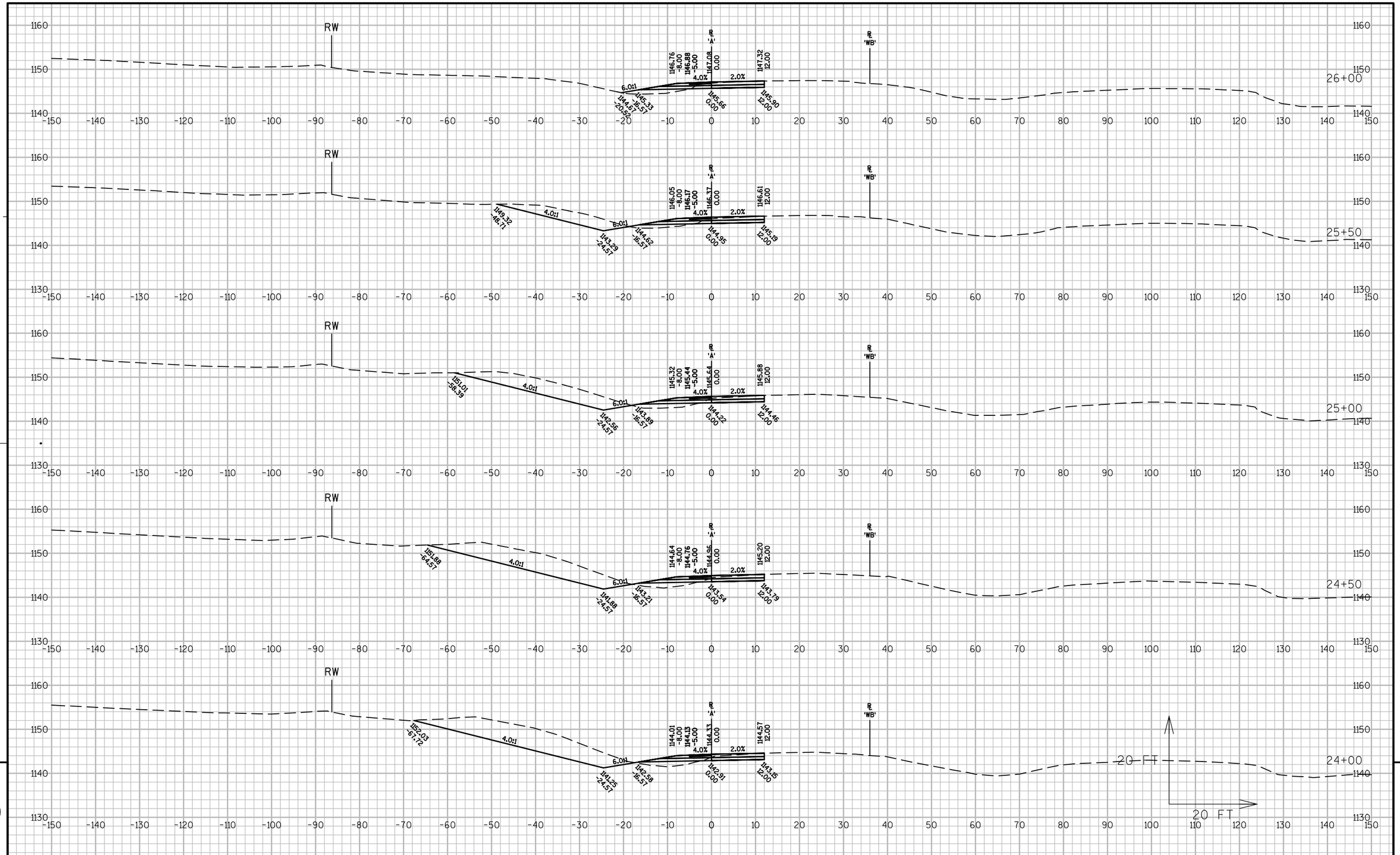


PROJECT NO:1021-01-72	HWY:IH 94	COUNTY:ST. CROIX	CROSS SECTIONS:RAMP A	SHEET E

FILE NAME : X:\3230600\121622.01\TECH\CAD\10210102\SHEETSPLAN\090202_XS (NW RAMP).DWG PLOT DATE : 8/26/2013 3:16 PM PLOT BY : DAVID YAHNKE PLOT NAME : PLOT SCALE : 1 IN:20 FT

PRE_121

WISDOT/CADDS SHEET 49



9

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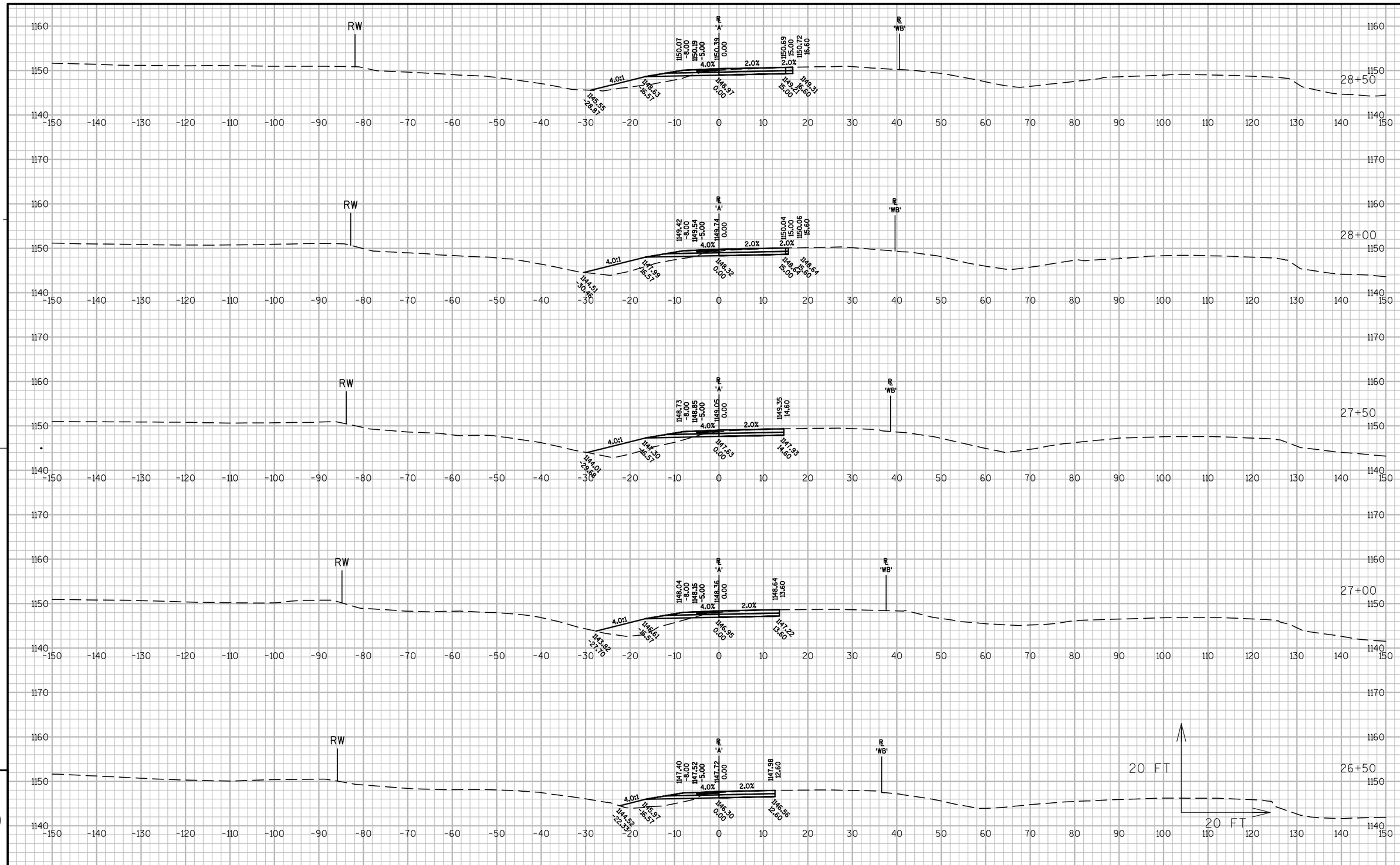
PROJECT NO:1021-01-72	HWY:IH 94	COUNTY:ST. CROIX	CROSS SECTIONS: RAMP A	SHEET E

FILE NAME : X:\3230600\121622.01\TECH\CAD\10210102\SHEETSPLAN\090202_XS (NW RAMP).DWG PLOT DATE : 8/26/2013 3:16 PM PLOT BY : DAVID YAHNKE PLOT NAME : PLOT SCALE : 1 IN:20 FT

PRE_122

WISDOT/CADDS SHEET 49

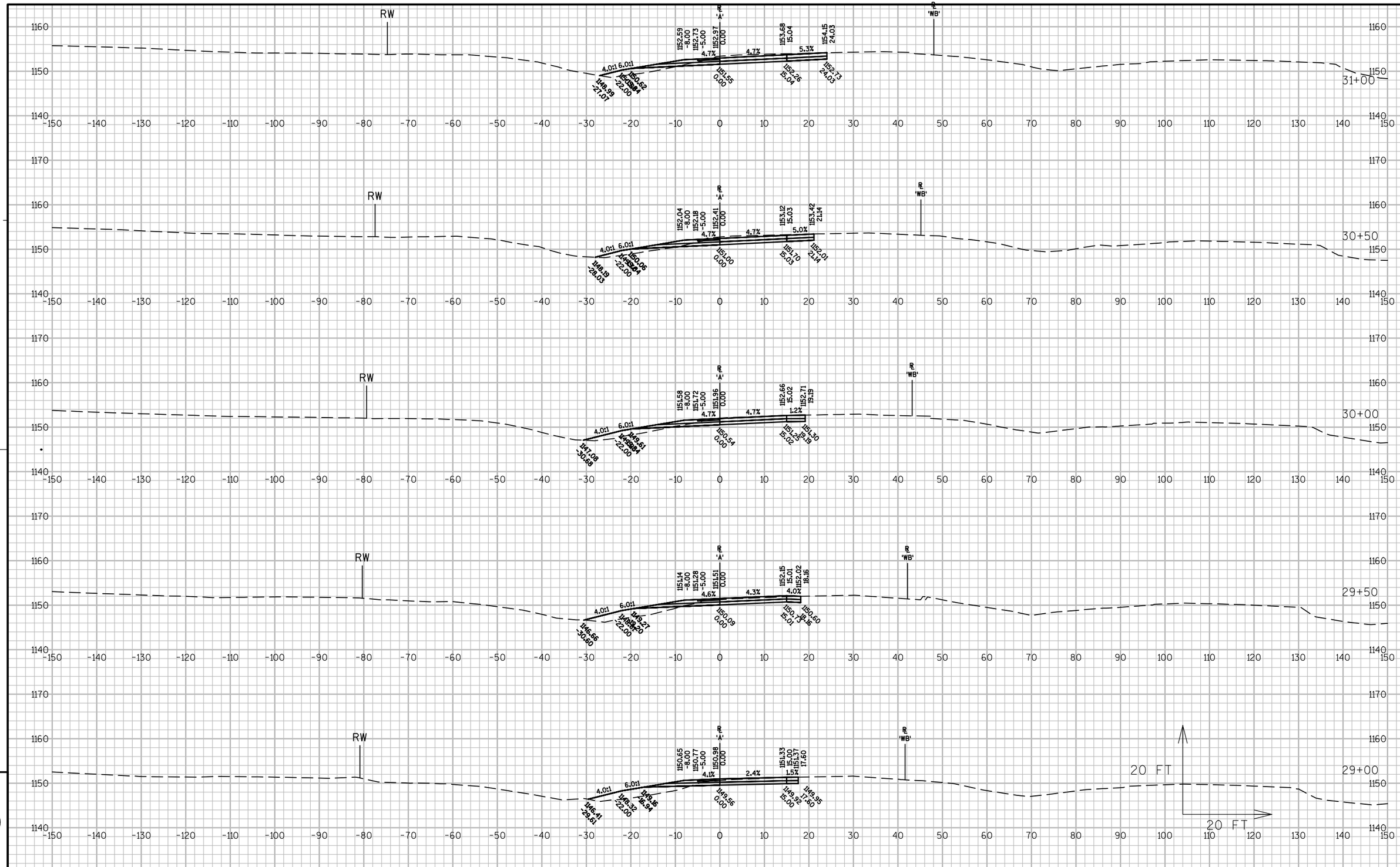


PROJECT NO:1021-01-72	HWY:IH 94	COUNTY:ST. CROIX	CROSS SECTIONS: RAMP A	SHEET E

FILE NAME : X:\3230600\121622.01\TECH\CAD\10210102\SHEETSPLAN\090202_XS (NW RAMP).DWG PLOT DATE : 8/26/2013 3:16 PM PLOT BY : DAVID YAHNKE PLOT NAME : PLOT SCALE : 1 IN:20 FT

PRE_123

WISDOT/CADDS SHEET 49

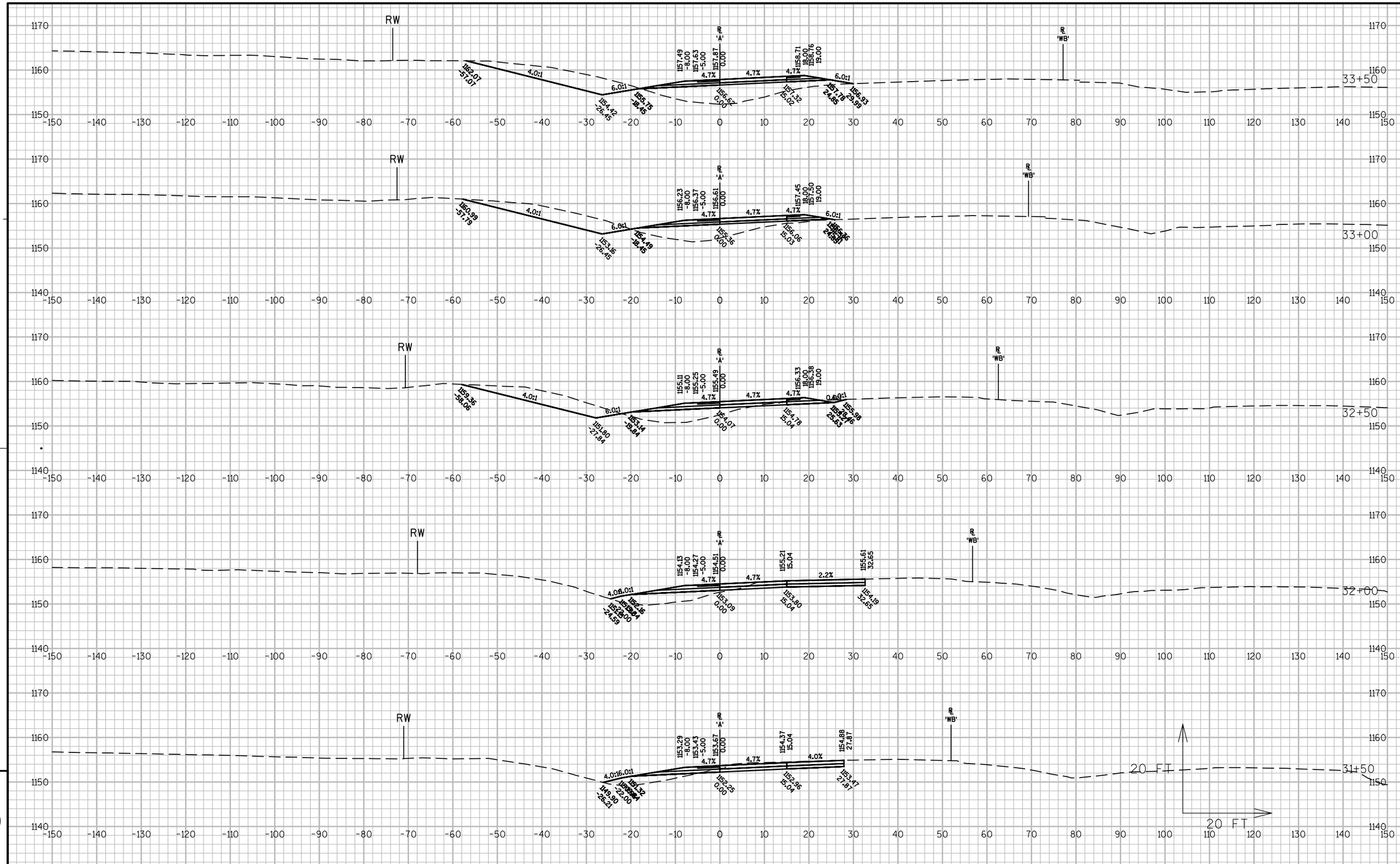


PROJECT NO:1021-01-72	HWY:IH 94	COUNTY:ST. CROIX	CROSS SECTIONS: RAMP A	SHEET E

FILE NAME : X:\3230600\121622.01\TECH\CAD\10210102\SHEETSPLAN\090202_XS (NW RAMP).DWG PLOT DATE : 8/26/2013 3:17 PM PLOT BY : DAVID YAHNKE PLOT NAME : PLOT SCALE : 1 IN:20 FT

PRE_124

WISDOT/CADDS SHEET 49

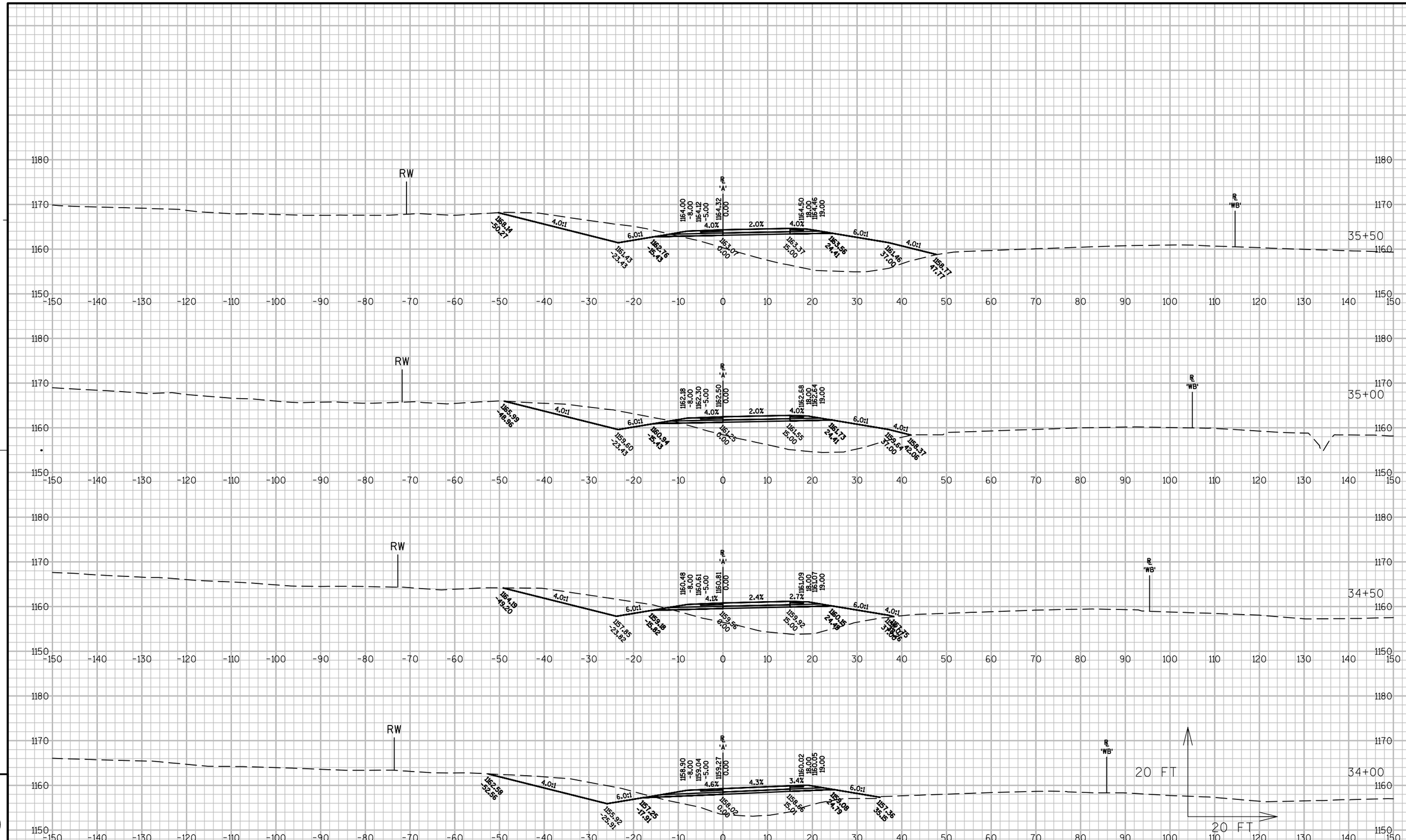


PROJECT NO:1021-01-72	HWY:IH 94	COUNTY:ST. CROIX	CROSS SECTIONS:RAMP A	SHEET E

FILE NAME : X:\3230600\121622.01\TECH\CAD\10210102\SHEETSPLAN\090202_XS (NW RAMP).DWG PLOT DATE : 8/26/2013 3:17 PM PLOT BY : DAVID YAHNKE PLOT NAME : PLOT SCALE : 1 IN:20 FT

PRE_125

WISDOT/CADDS SHEET 49

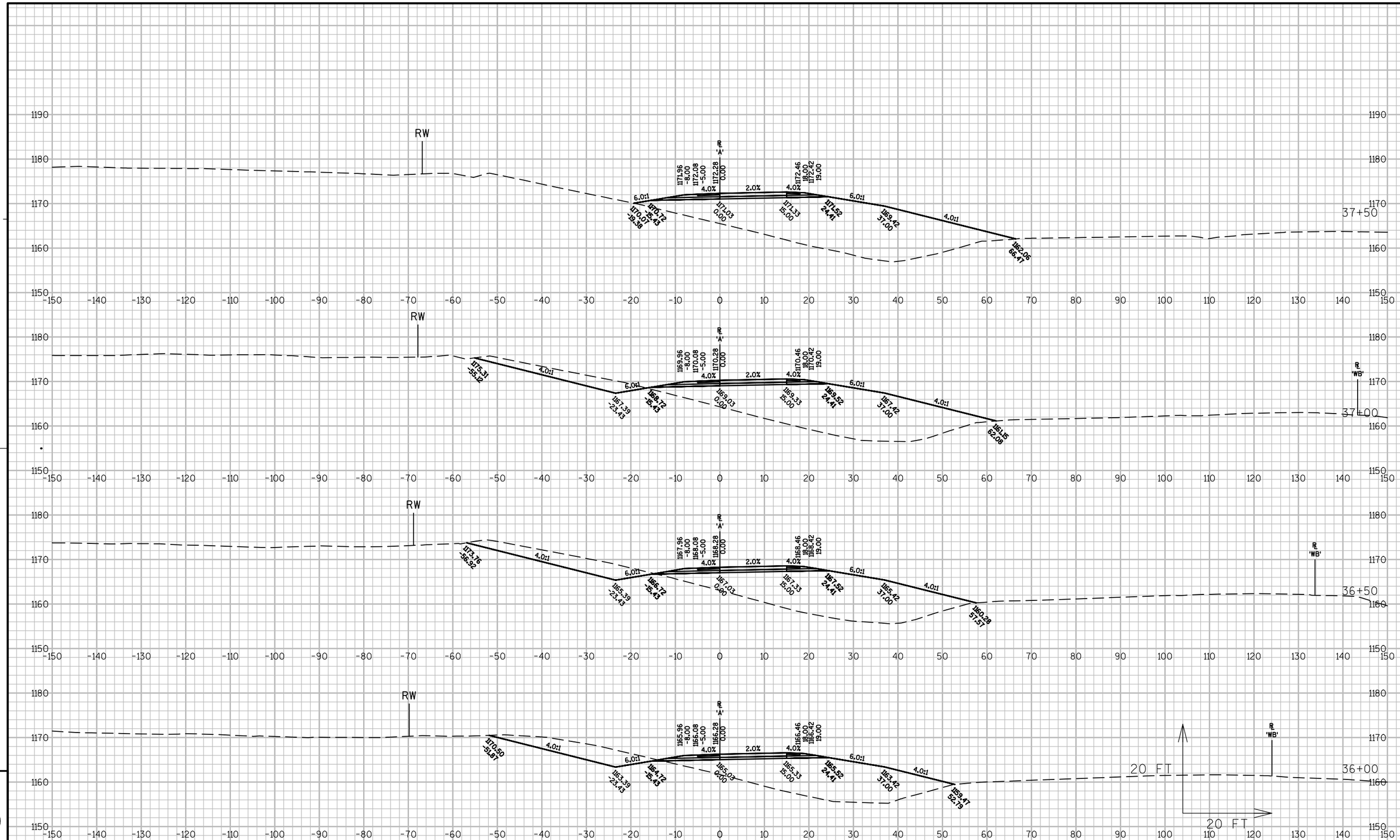


PROJECT NO:1021-01-72	HWY:IH 94	COUNTY:ST. CROIX	CROSS SECTIONS: RAMP A	SHEET E

FILE NAME : X:\3230600\121622.01\TECH\CAD\10210102\SHEETSPLAN\090202_XS (NW RAMP).DWG PLOT DATE : 8/26/2013 3:17 PM PLOT BY : DAVID YAHNKE PLOT NAME : PLOT SCALE : 1 IN:20 FT

PRE_126

WISDOT/CADDS SHEET 49

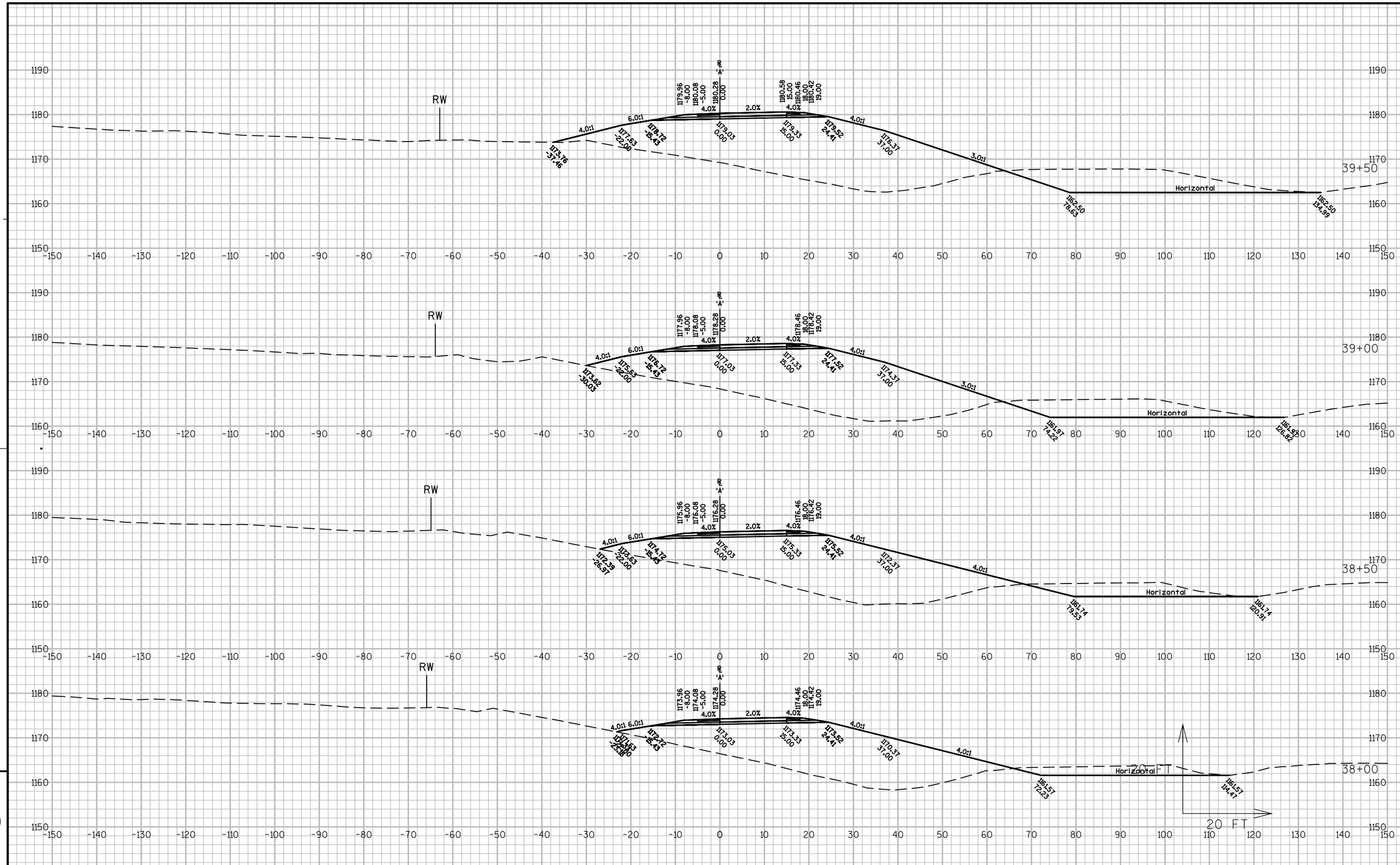


9

9

PROJECT NO:1021-01-72	HWY:IH 94	COUNTY:ST. CROIX	CROSS SECTIONS: RAMP A	SHEET E

FILE NAME : X:\3230600\121622.01\TECH\CAD\10210102\SHEETSPLAN\090202_XS (NW RAMP).DWG PLOT DATE : 8/26/2013 3:17 PM PLOT BY : DAVID YAHNKE PLOT NAME : PLOT SCALE : 1 IN:20 FT

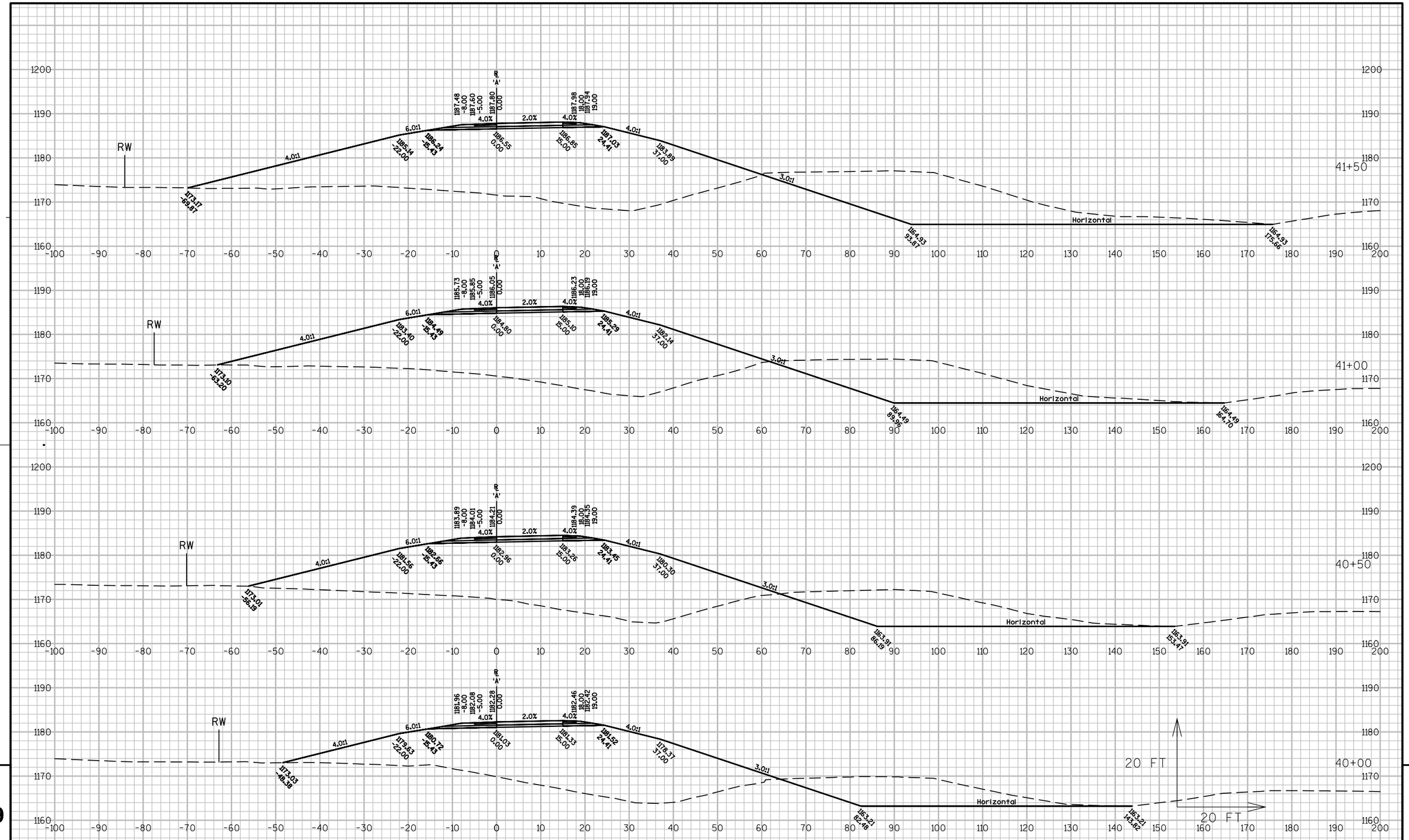


PROJECT NO:1021-01-72	HWY:IH 94	COUNTY:ST. CROIX	CROSS SECTIONS: RAMP A	SHEET E

FILE NAME : X:\3230600\121622.01\TECH\CAD\10210102\SHEETSPLAN\090202_XS (NW RAMP).DWG PLOT DATE : 8/26/2013 3:18 PM PLOT BY : DAVID YAHNKE PLOT NAME : PLOT SCALE : 1 IN:20 FT

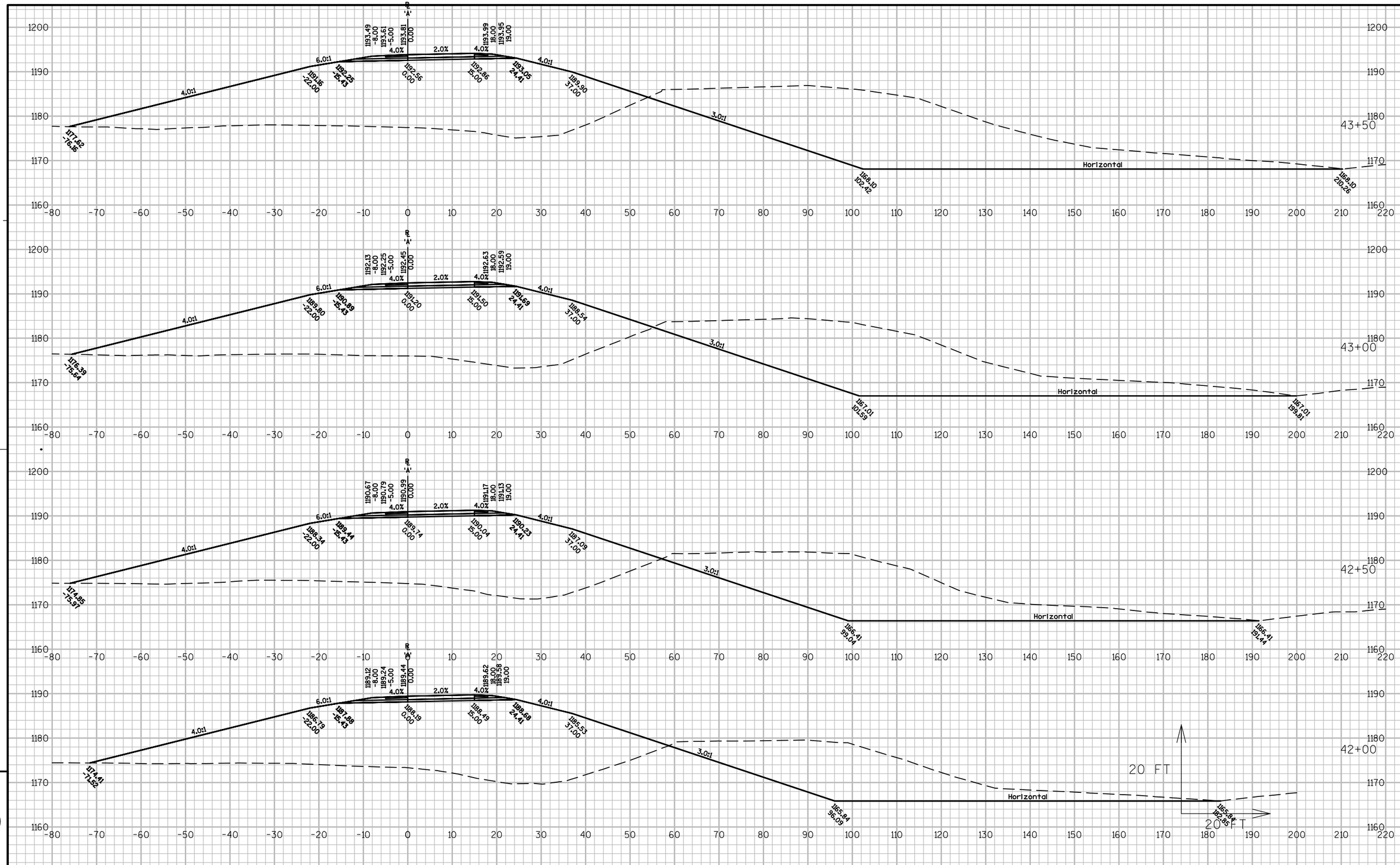
PRE_128

WISDOT/CADDS SHEET 49



PROJECT NO:1021-01-72	HWY:IH 94	COUNTY:ST. CROIX	CROSS SECTIONS: RAMP A	SHEET E

FILE NAME : X:\3230600\121622.01\TECH\CAD\10210102\SHEETSPLAN\090202_XS (NW RAMP).DWG PLOT DATE : 8/26/2013 3:18 PM PLOT BY : DAVID YAHNKE PLOT NAME : PLOT SCALE : 1 IN:20 FT

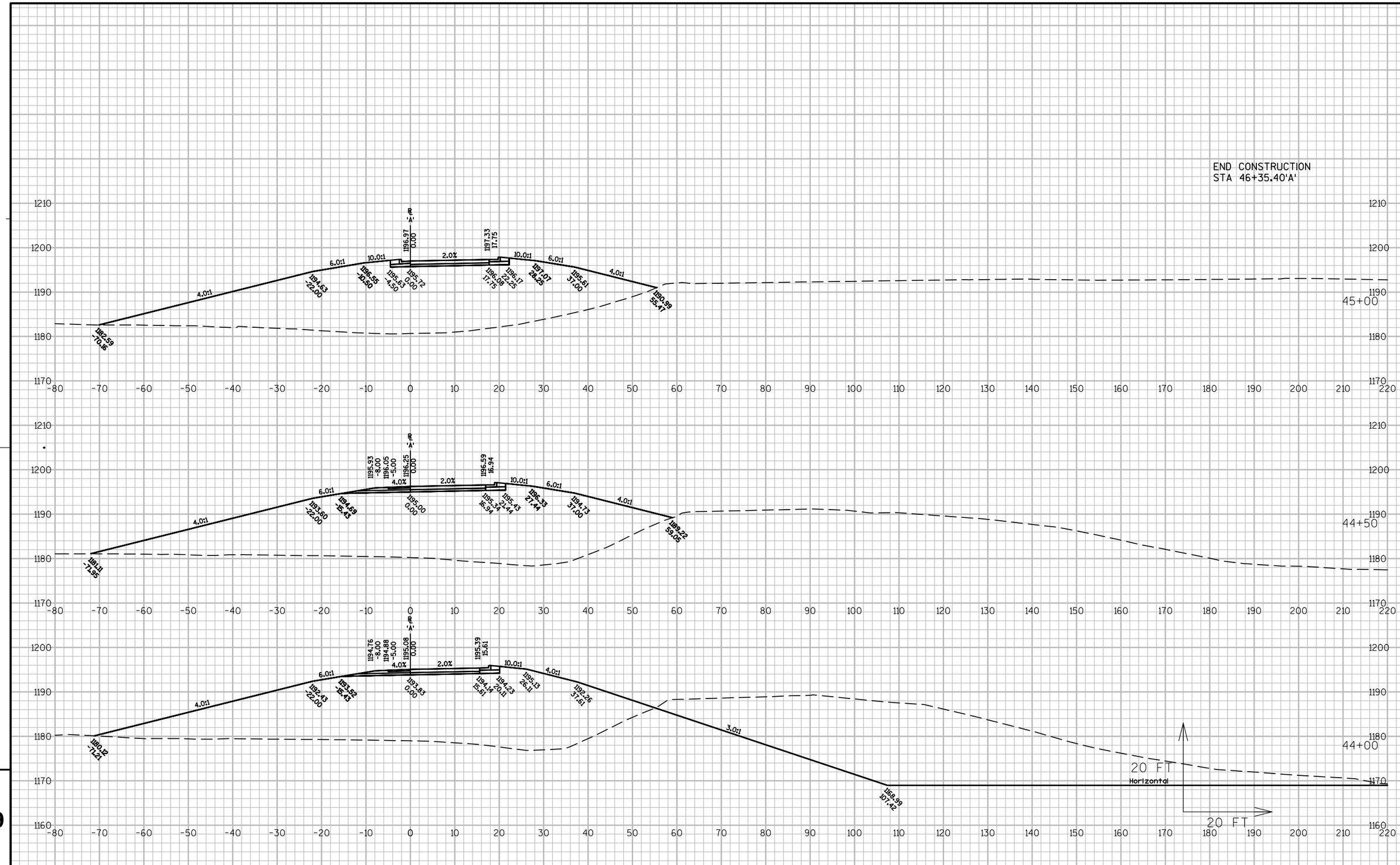


PROJECT NO: 1021-01-72	HWY: IH 94	COUNTY: ST. CROIX	CROSS SECTIONS: RAMP A	SHEET E

FILE NAME : X:\3230600\121622.01\TECH\CAD\10210102\SHEETSPLAN\090202_XS (NW RAMP).DWG PLOT DATE : 8/26/2013 3:18 PM PLOT BY : DAVID YAHNKE PLOT NAME : PLOT SCALE : 1 IN:20 FT

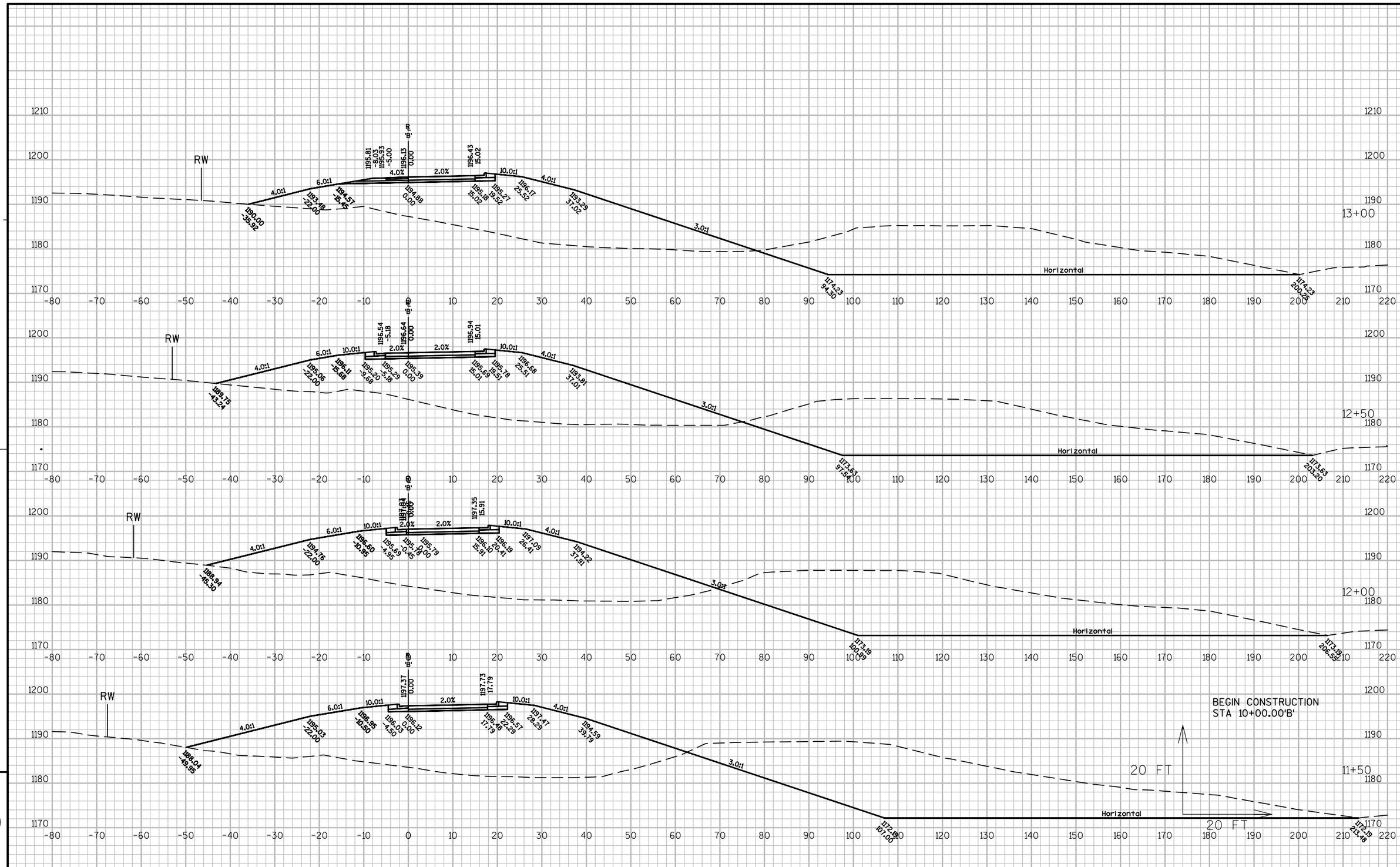
PRE_130

WISDOT/CADDS SHEET 49



PROJECT NO:1021-01-72	HWY:IH 94	COUNTY:ST. CROIX	CROSS SECTIONS:RAMP A	SHEET E

FILE NAME : X:\3230600\121622.01\TECH\CAD\10210102\SHEETSPLAN\090202_XS (NW RAMP).DWG PLOT DATE : 8/26/2013 3:18 PM PLOT BY : DAVID YAHNKE PLOT NAME : PLOT SCALE : 1 IN:20 FT

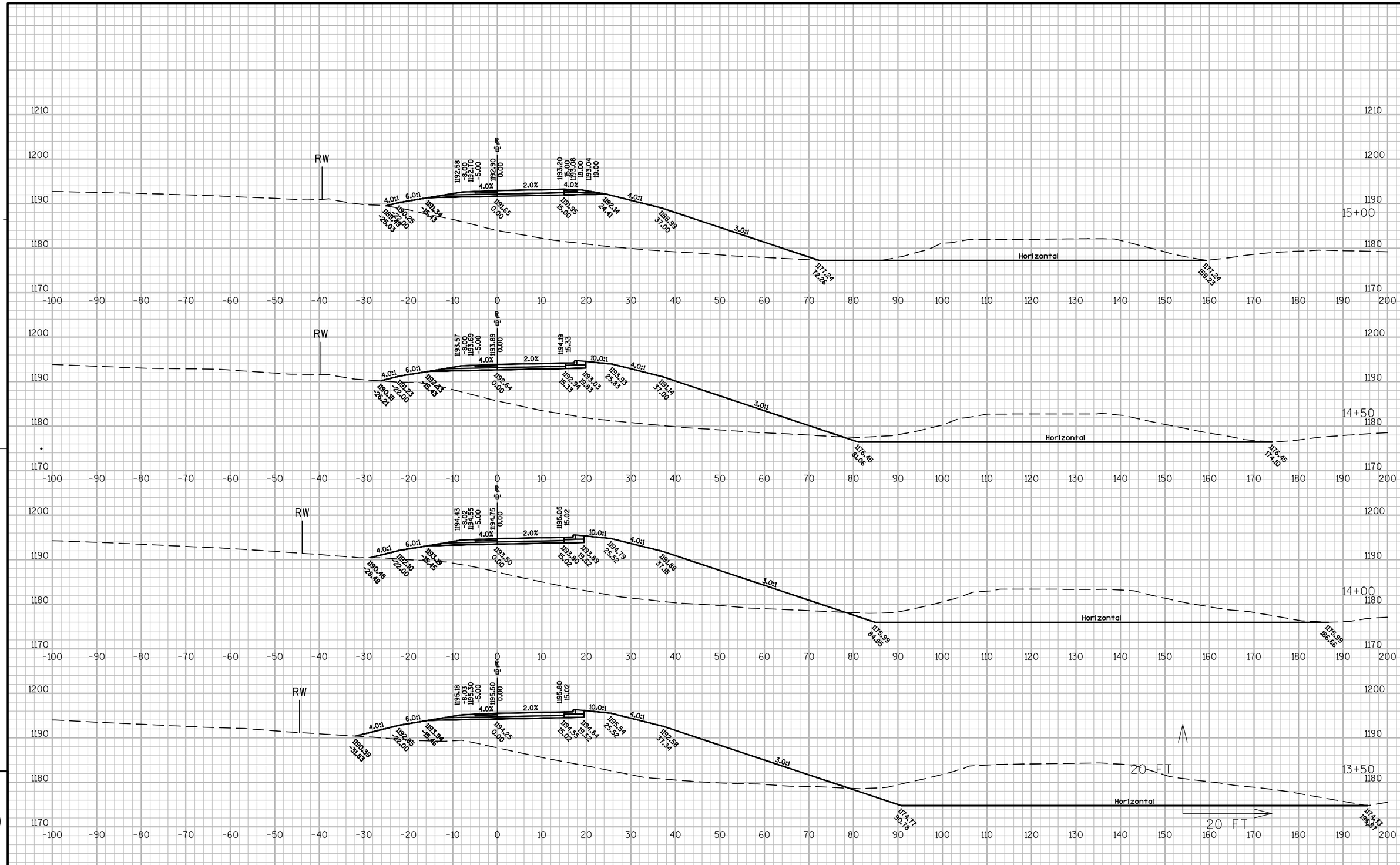


PROJECT NO:1021-01-72	HWY:IH 94	COUNTY:ST. CROIX	CROSS SECTIONS:RAMP B	SHEET E

PRE_132

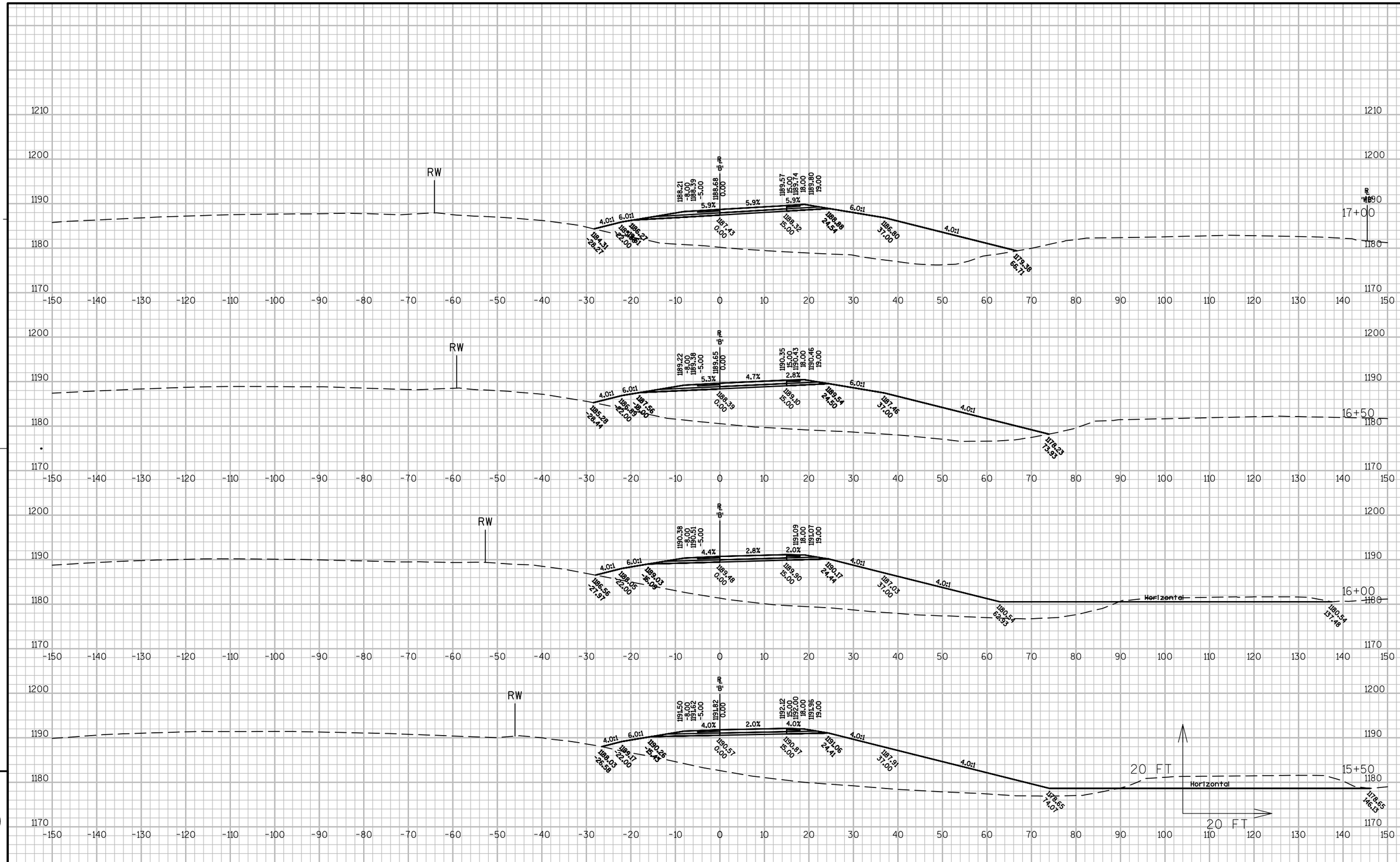
FILE NAME : X:\3230600\121622.01\TECH\CAD\10210102\SHEETSPLAN\090203_XS (NE RAMP).DWG PLOT DATE : 8/26/2013 3:22 PM PLOT BY : DAVID YAHNKE PLOT NAME : PLOT SCALE : 1 IN:20 FT

WISDOT/CADDS SHEET 49



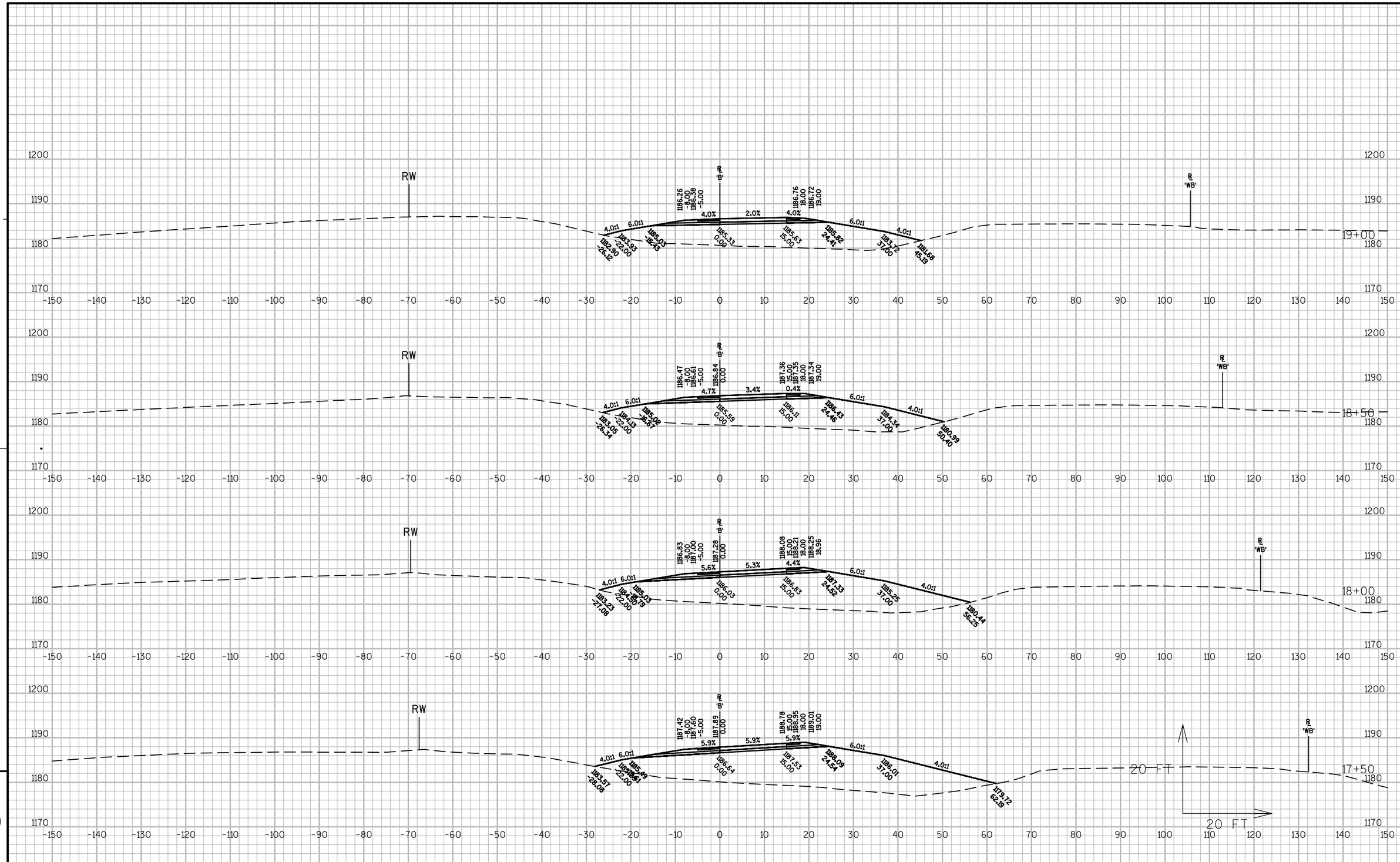
PROJECT NO:1021-01-72	HWY:IH 94	COUNTY:ST. CROIX	CROSS SECTIONS: RAMP B	SHEET E

FILE NAME : X:\3230600\121622.01\TECH\CAD\10210102\SHEETSPLAN\090203_XS (NE RAMP).DWG PLOT DATE : 8/26/2013 3:22 PM PLOT BY : DAVID YAHNKE PLOT NAME : PLOT SCALE : 1 IN:20 FT



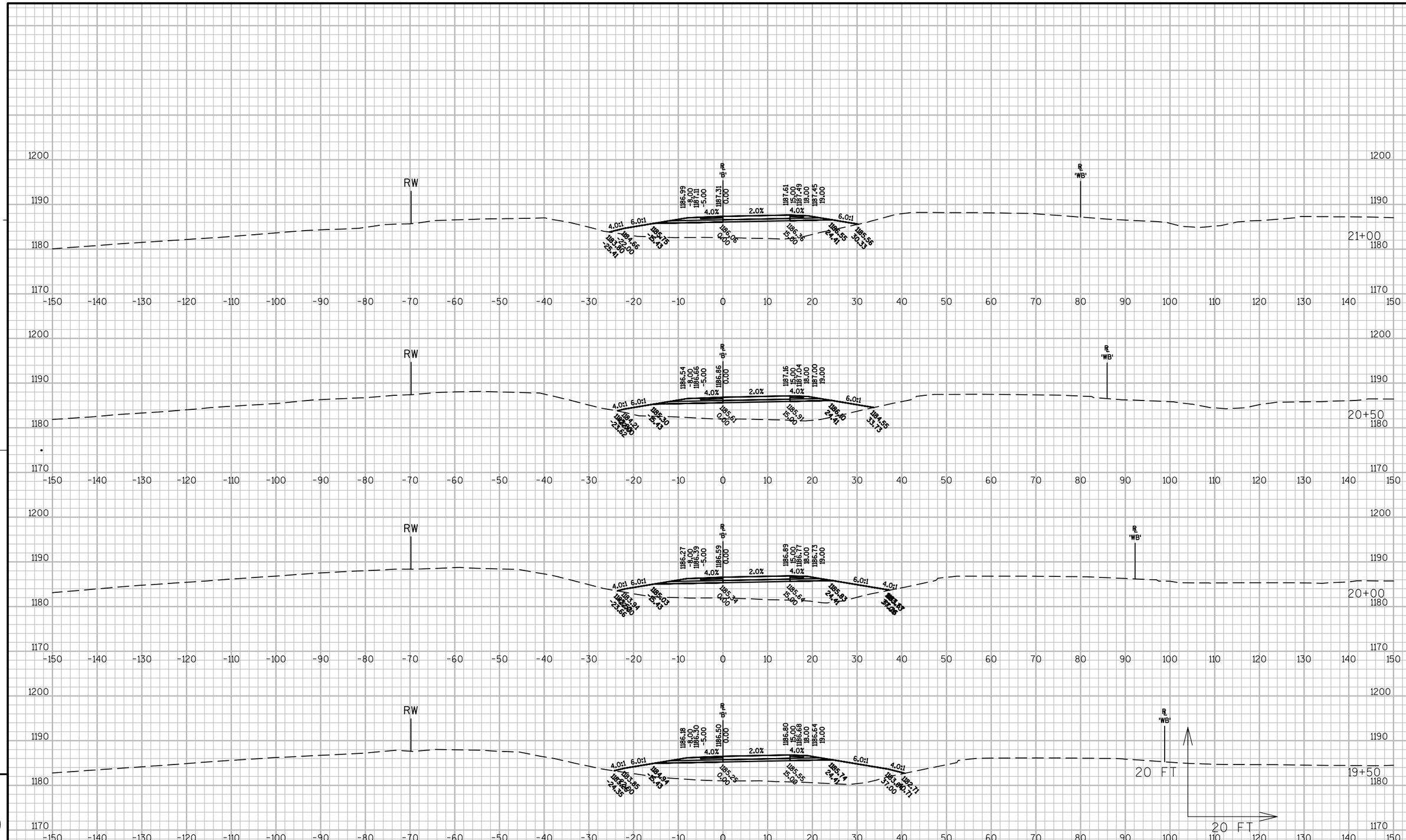
PROJECT NO:1021-01-72	HWY:IH 94	COUNTY:ST. CROIX	CROSS SECTIONS:RAMP B	SHEET E

FILE NAME : X:\3230600\121622.01\TECH\CAD\10210102\SHEETSPLAN\090203_XS (NE RAMP).DWG PLOT DATE : 8/26/2013 3:22 PM PLOT BY : DAVID YAHNKE PLOT NAME : PLOT SCALE : 1 IN:20 FT



PROJECT NO:1021-01-72	HWY:IH 94	COUNTY:ST. CROIX	CROSS SECTIONS: RAMP B	SHEET E

FILE NAME : X:\3230600\121622.01\TECH\CAD\10210102\SHEETSPLAN\090203_XS (NE RAMP).DWG PLOT DATE : 8/26/2013 3:22 PM PLOT BY : DAVID YAHNKE PLOT NAME : PLOT SCALE : 1 IN:20 FT

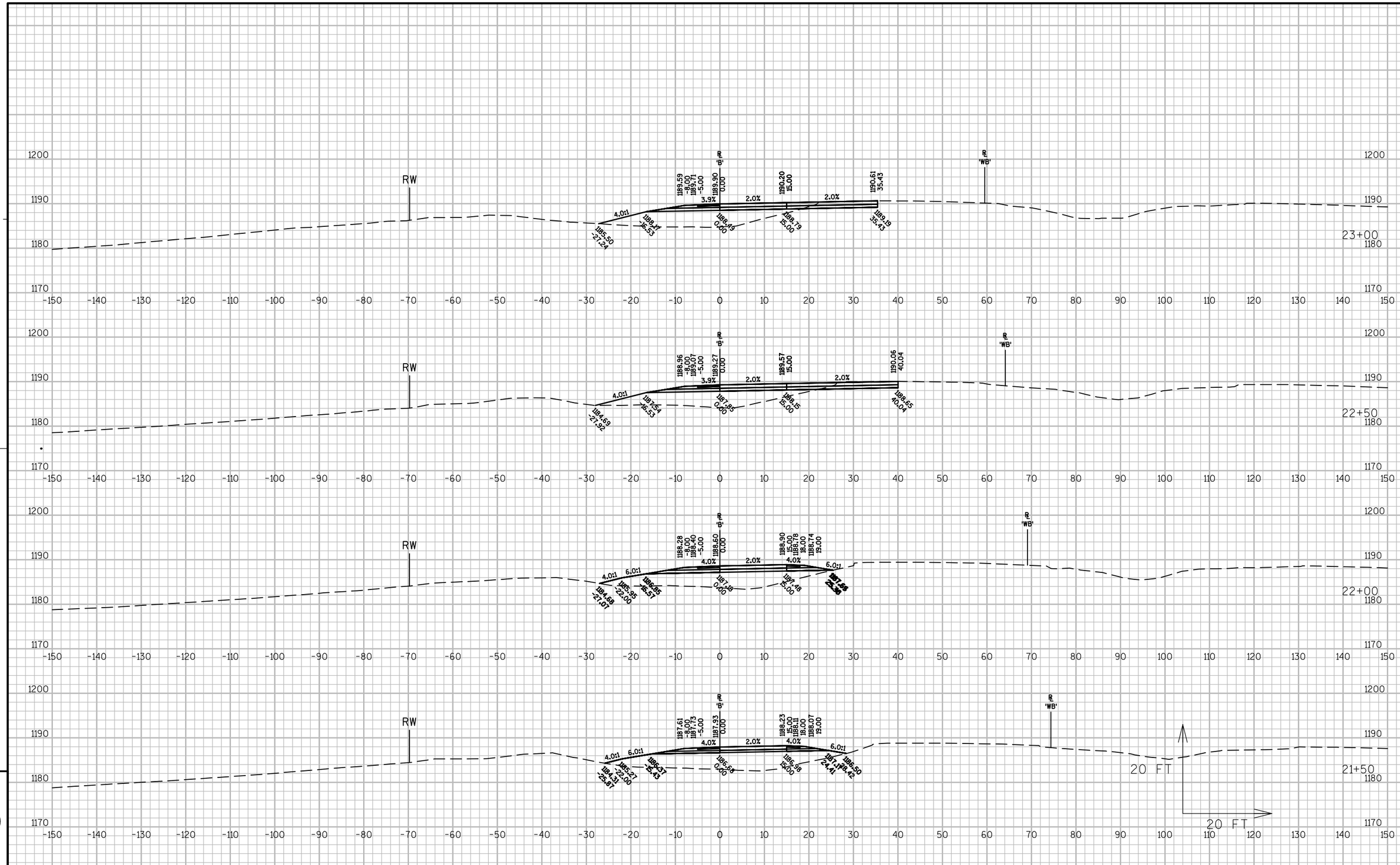


PROJECT NO:1021-01-72	HWY:IH 94	COUNTY:ST. CROIX	CROSS SECTIONS: RAMP B	SHEET E

FILE NAME : X:\3230600\121622.01\TECH\CAD\10210102\SHEETSPLAN\090203_XS (NE RAMP).DWG PLOT DATE : 8/26/2013 3:23 PM PLOT BY : DAVID YAHNKE PLOT NAME : PLOT SCALE : 1 IN:20 FT

PRE_136

WISDOT/CADDS SHEET 49

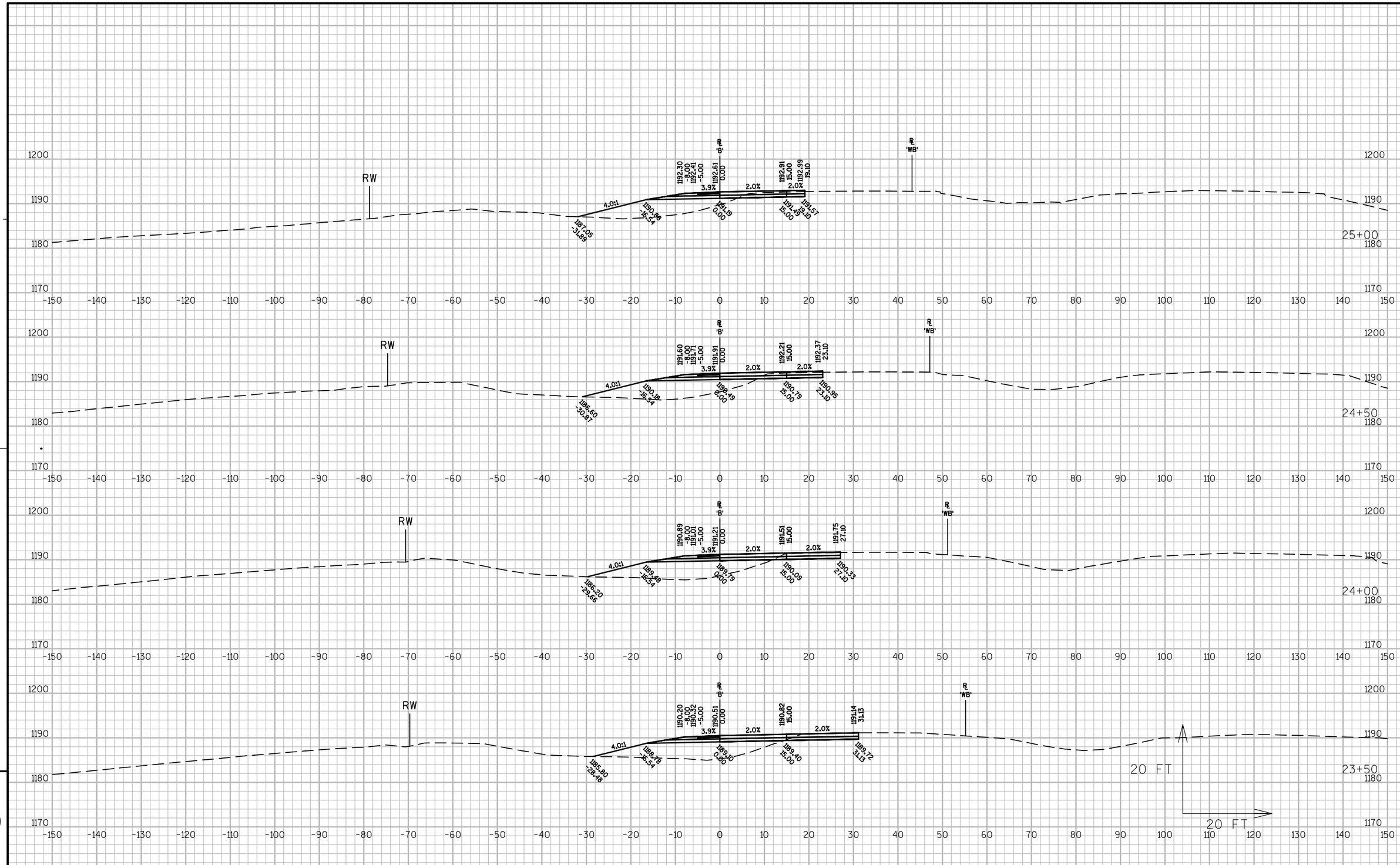


PROJECT NO:1021-01-72	HWY:IH 94	COUNTY:ST. CROIX	CROSS SECTIONS: RAMP B	SHEET E

FILE NAME : X:\3230600\121622.01\TECH\CAD\10210102\SHEETSPLAN\090203_XS (NE RAMP).DWG PLOT DATE : 8/26/2013 3:23 PM PLOT BY : DAVID YAHNKE PLOT NAME : PLOT SCALE : 1 IN:20 FT

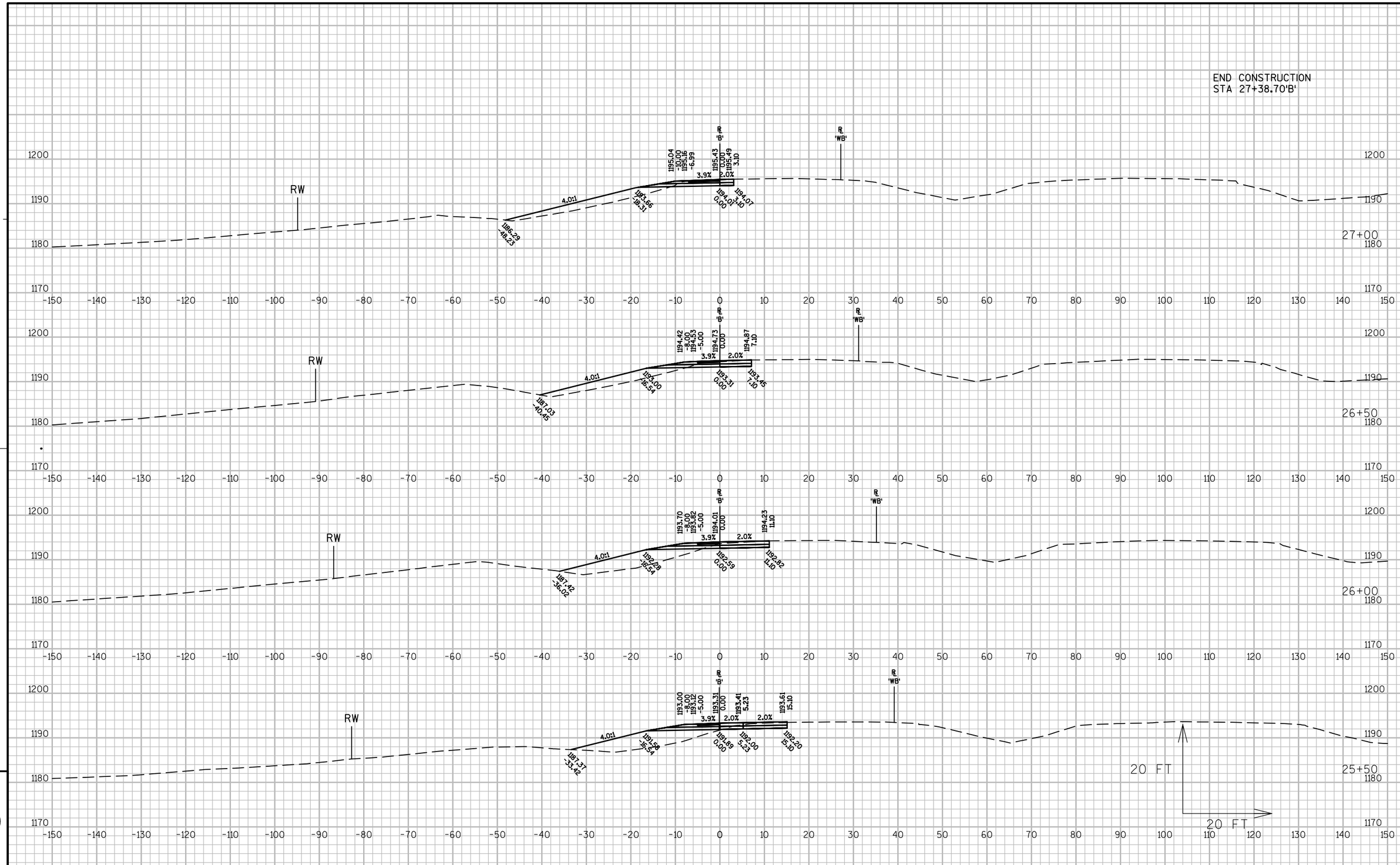
PRE_137

WISDOT/CADDS SHEET 49



PROJECT NO:1021-01-72	HWY:IH 94	COUNTY:ST. CROIX	CROSS SECTIONS: RAMP B	SHEET E

FILE NAME : X:\3230600\121622.01\TECH\CAD\10210102\SHEETSPLAN\090203_XS (NE RAMP).DWG PLOT DATE : 8/26/2013 3:23 PM PLOT BY : DAVID YAHNKE PLOT NAME : PLOT SCALE : 1 IN:20 FT



PROJECT NO:1021-01-72	HWY:IH 94	COUNTY:ST. CROIX	CROSS SECTIONS: RAMP B	SHEET E

FILE NAME : X:\3230600\121622.01\TECH\CAD\10210102\SHEETSPLAN\090203_XS (NE RAMP).DWG PLOT DATE : 8/26/2013 3:23 PM PLOT BY : DAVID YAHNKE PLOT NAME : PLOT SCALE : 1 IN:20 FT

PROJECT NO:1021-01-72	HWY:IH 94	COUNTY:ST. CROIX	CROSS SECTIONS:RAMP C	SHEET E

FILE NAME : X:\3230600\121622.01\TECH\CAD\10210102\SHEETSPLAN\090204_XS (SW RAMP).DWG PLOT DATE : 8/26/2013 3:27 PM PLOT BY : DAVID YAHNKE PLOT NAME : PLOT SCALE : 1 IN:20 FT

PRE_140

WISDOT/CADDS SHEET 49

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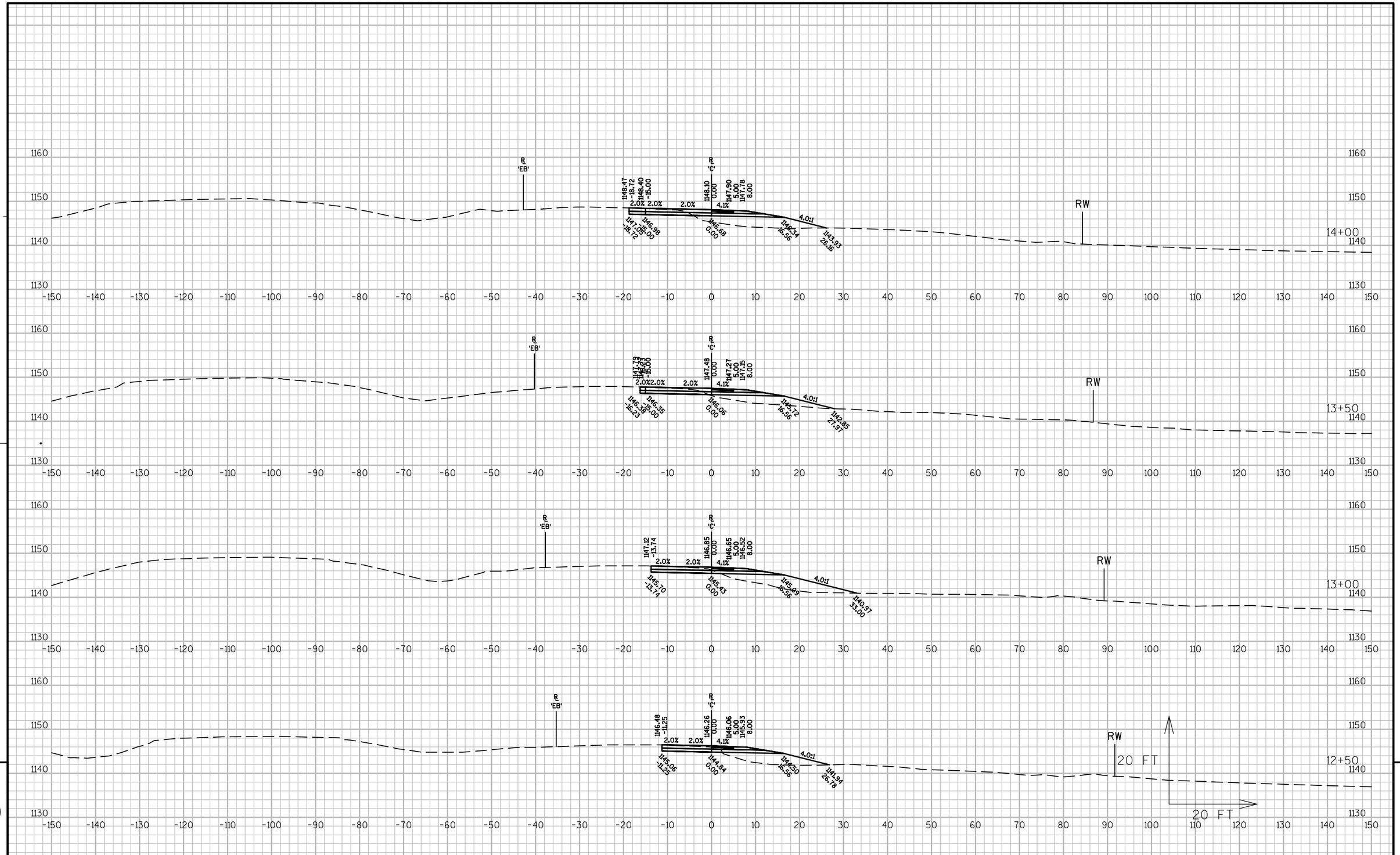
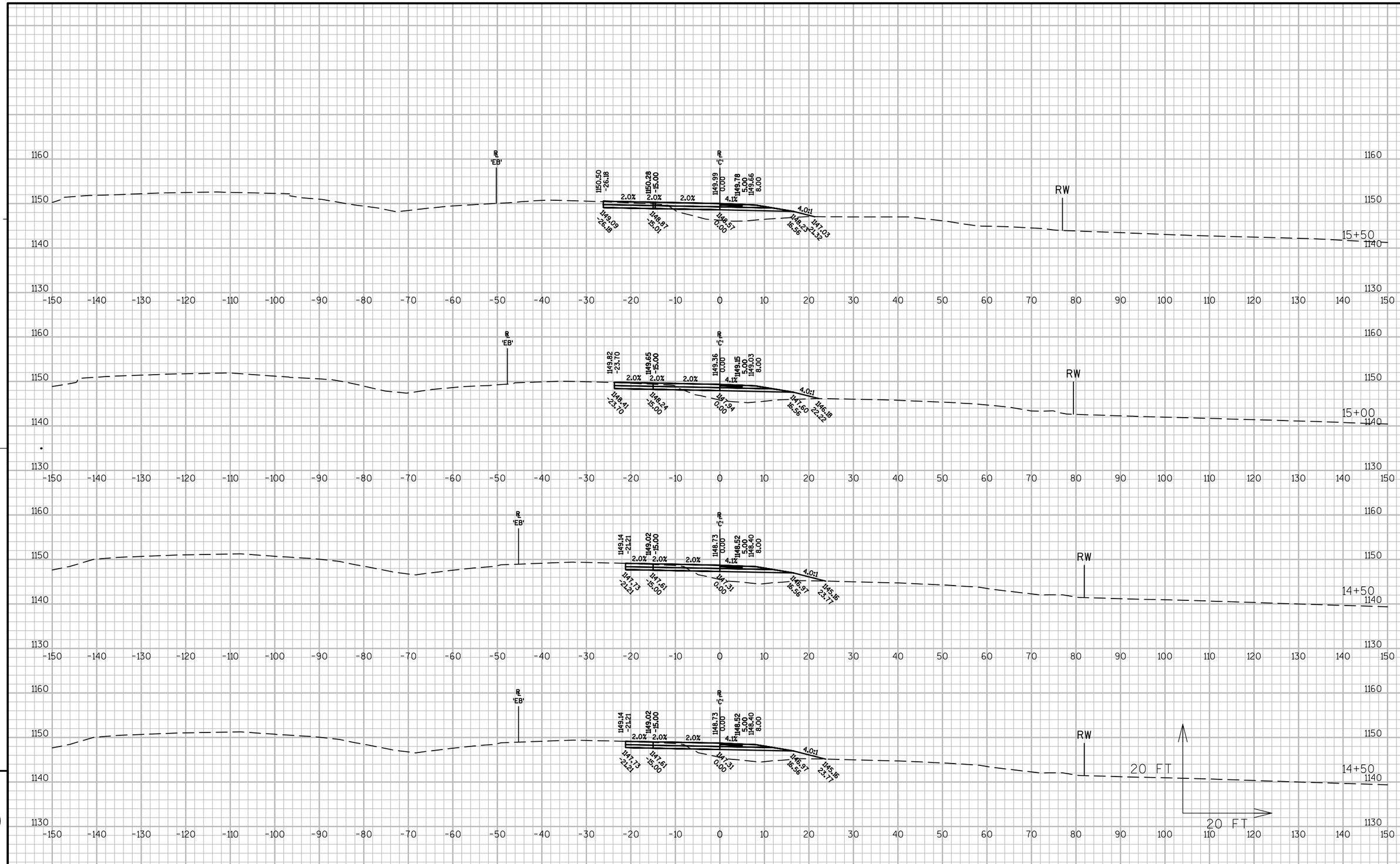


PROJECT NO:1021-01-72	HWY:IH 94	COUNTY:ST. CROIX	CROSS SECTIONS: RAMP C	SHEET E

FILE NAME : X:\3230600\121622.01\TECH\CAD\10210102\SHEETSPLAN\090204_XS (SW RAMP).DWG PLOT DATE : 8/26/2013 3:27 PM PLOT BY : DAVID YAHNKE PLOT NAME : PLOT SCALE : 1 IN:20 FT

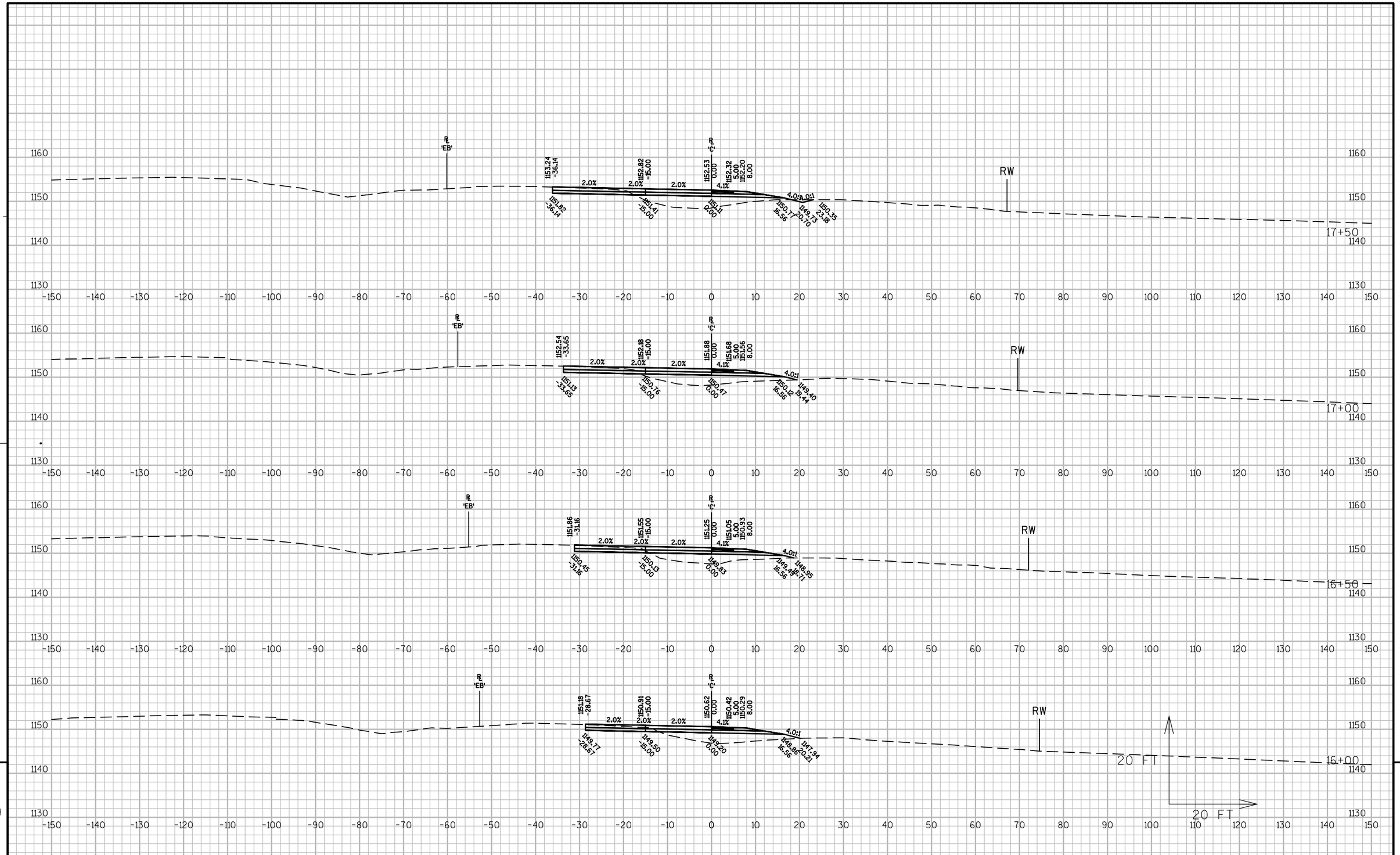
PRE_141

WISDOT/CADDS SHEET 49



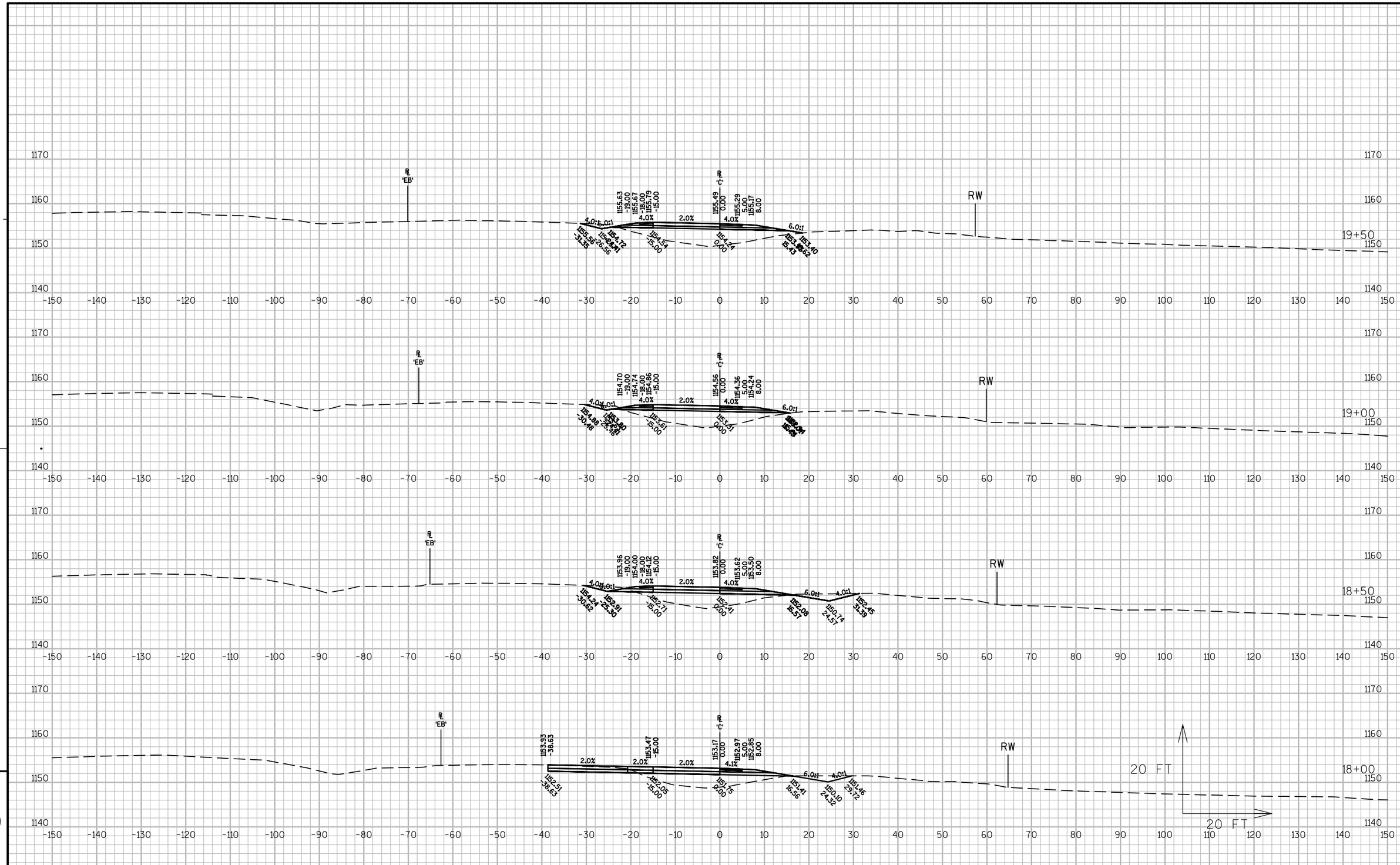
PROJECT NO:1021-01-72	HWY:IH 94	COUNTY:ST. CROIX	CROSS SECTIONS: RAMP C	SHEET E

FILE NAME : X:\3230600\121622.01\TECH\CAD\10210102\SHEETSPLAN\090204_XS (SW RAMP).DWG PLOT DATE : 8/26/2013 3:28 PM PLOT BY : DAVID YAHNKE PLOT NAME : PLOT SCALE : 1 IN:20 FT



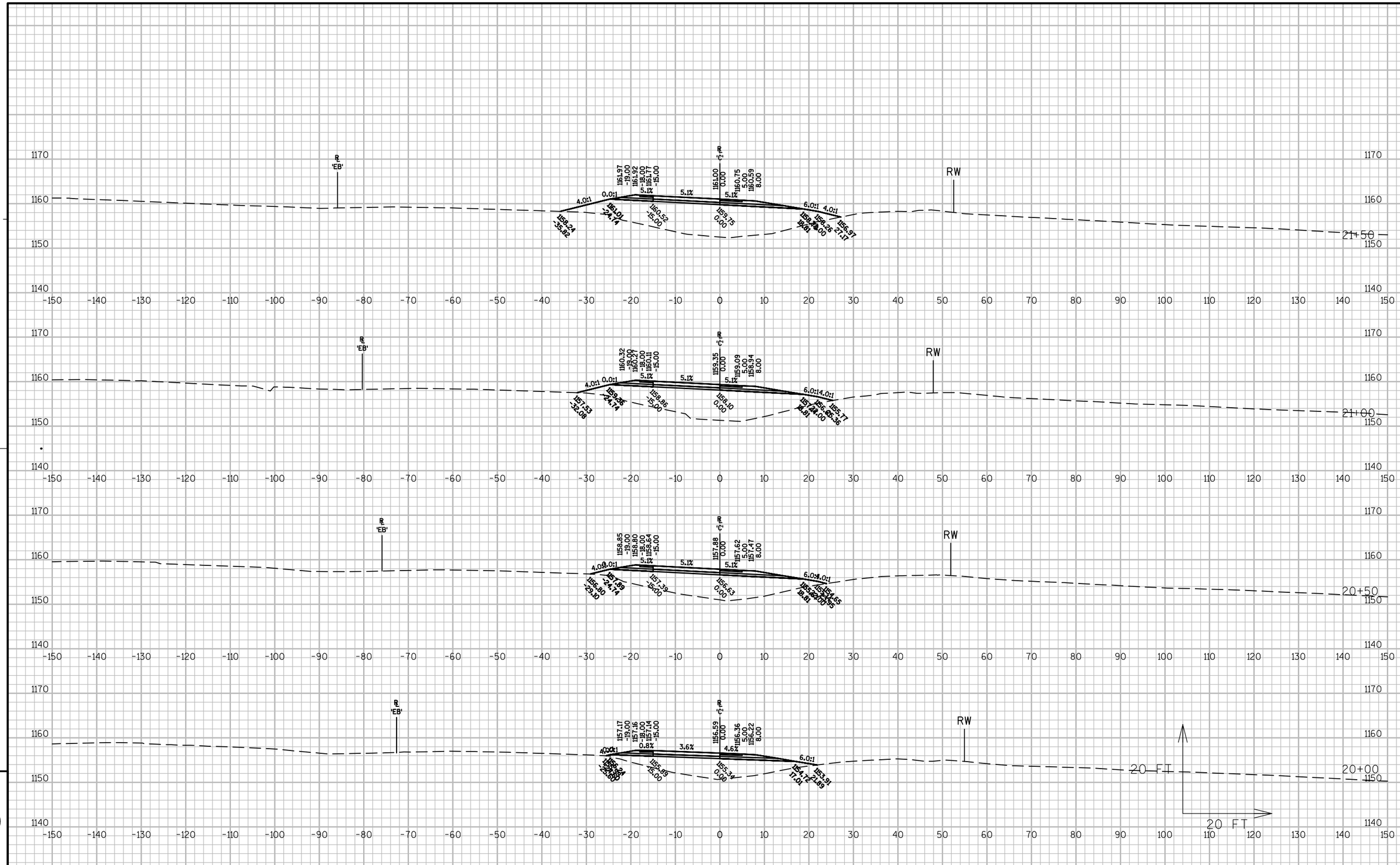
PROJECT NO:1021-01-72	HWY:IH 94	COUNTY:ST. CROIX	CROSS SECTIONS: RAMP C	SHEET E

FILE NAME : X:\3230600\121622.01\TECH\CAD\10210102\SHEETSPLAN\090204_XS (SW RAMP).DWG PLOT DATE : 8/26/2013 3:28 PM PLOT BY : DAVID YAHNKE PLOT NAME : PLOT SCALE : 1 IN:20 FT



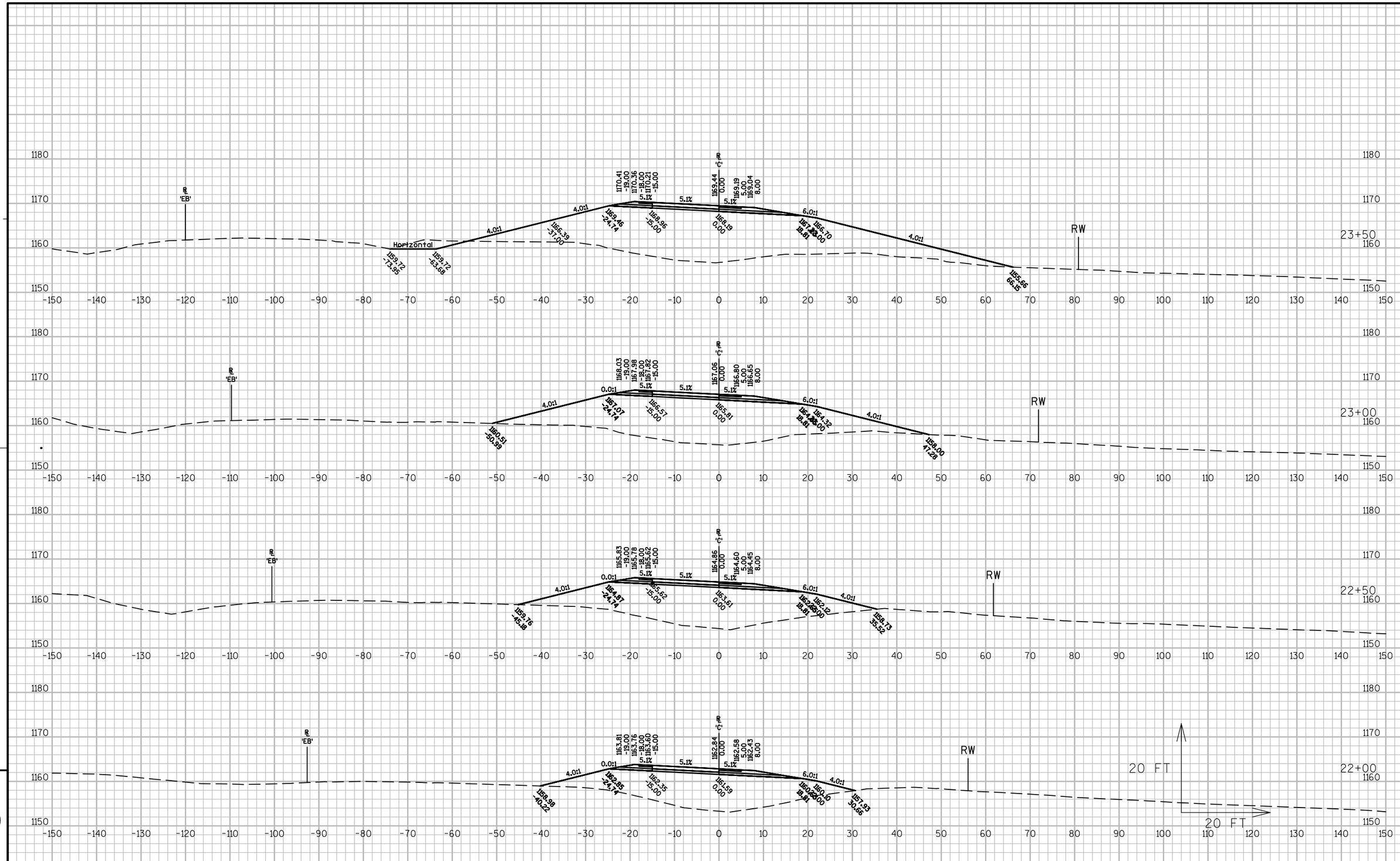
PROJECT NO:1021-01-72	HWY:IH 94	COUNTY:ST. CROIX	CROSS SECTIONS: RAMP C	SHEET E

FILE NAME : X:\3230600\121622.01\TECH\CAD\10210102\SHEETSPLAN\090204_XS (SW RAMP).DWG PLOT DATE : 8/26/2013 3:28 PM PLOT BY : DAVID YAHNKE PLOT NAME : PLOT SCALE : 1 IN:20 FT



PROJECT NO:1021-01-72	HWY:IH 94	COUNTY:ST. CROIX	CROSS SECTIONS: RAMP C	SHEET E

FILE NAME : X:\3230600\121622.01\TECH\CAD\10210102\SHEETSPLAN\090204_XS (SW RAMP).DWG PLOT DATE : 8/26/2013 3:28 PM PLOT BY : DAVID YAHNKE PLOT NAME : PLOT SCALE : 1 IN:20 FT

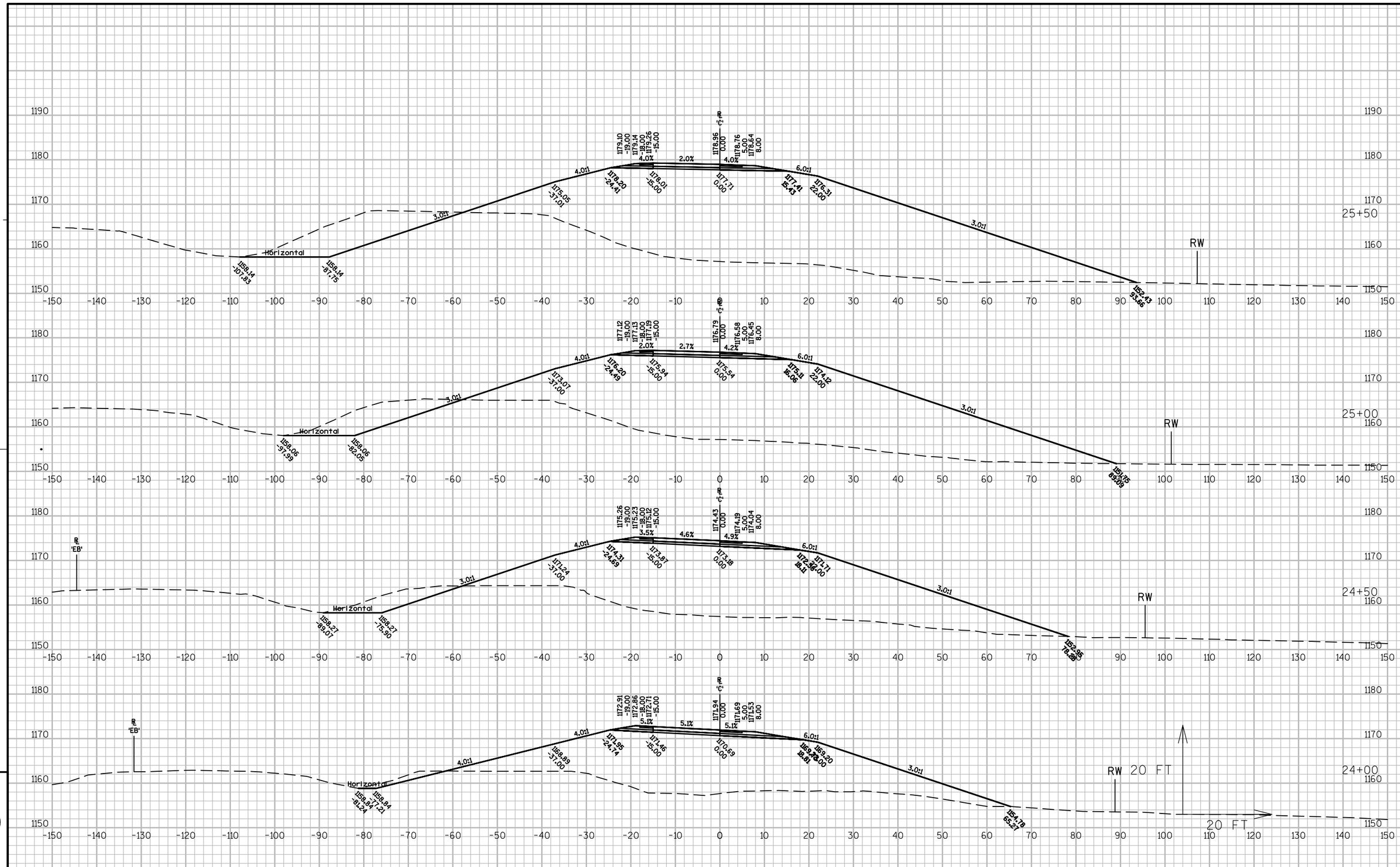


PROJECT NO:1021-01-72	HWY:IH 94	COUNTY:ST. CROIX	CROSS SECTIONS: RAMP C	SHEET E

FILE NAME : X:\3230600\121622.01\TECH\CAD\10210102\SHEETSPLAN\090204_XS (SW RAMP).DWG PLOT DATE : 8/26/2013 3:29 PM PLOT BY : DAVID YAHNKE PLOT NAME : PLOT SCALE : 1 IN:20 FT

PRE_146

WISDOT/CADDS SHEET 49



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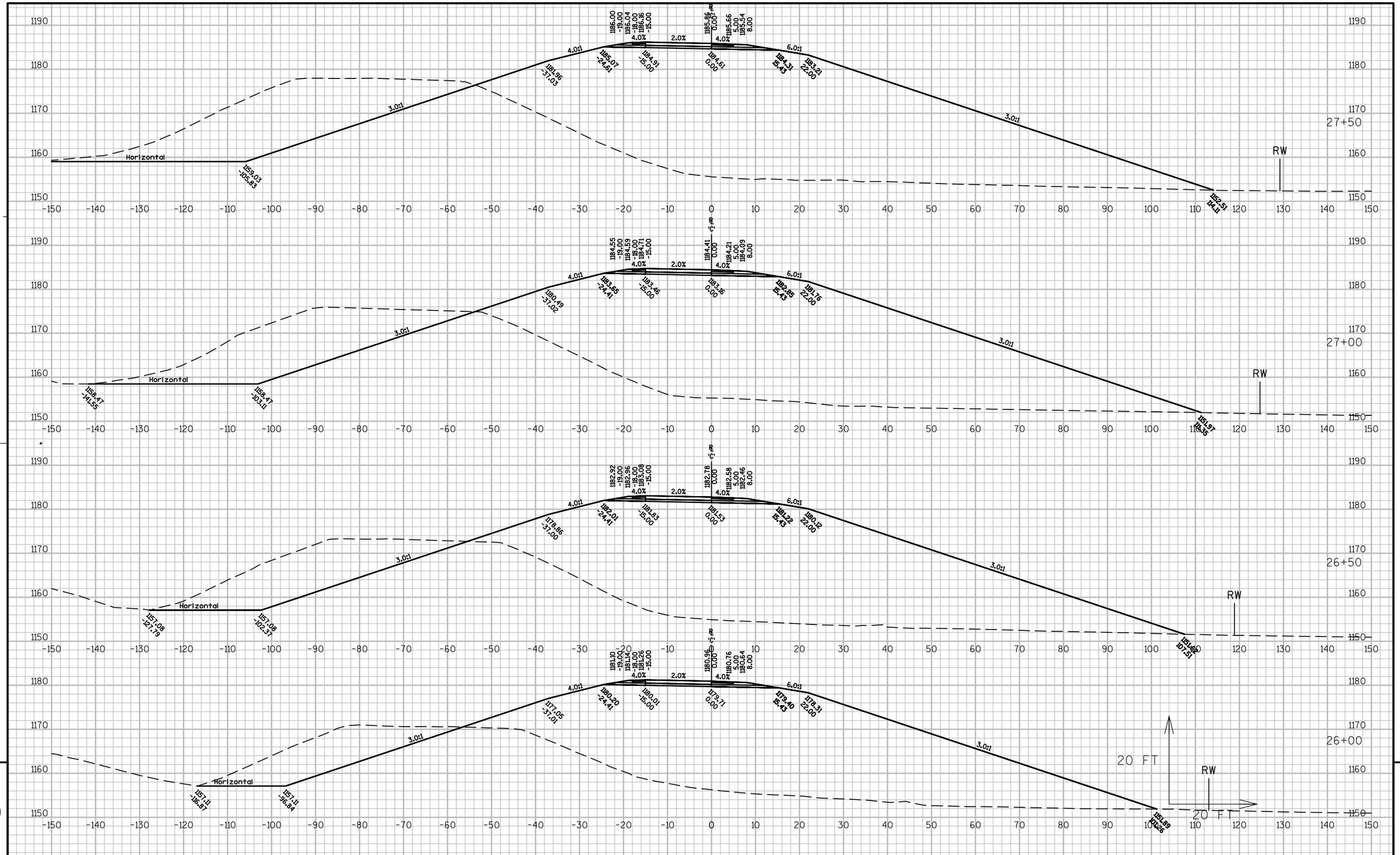
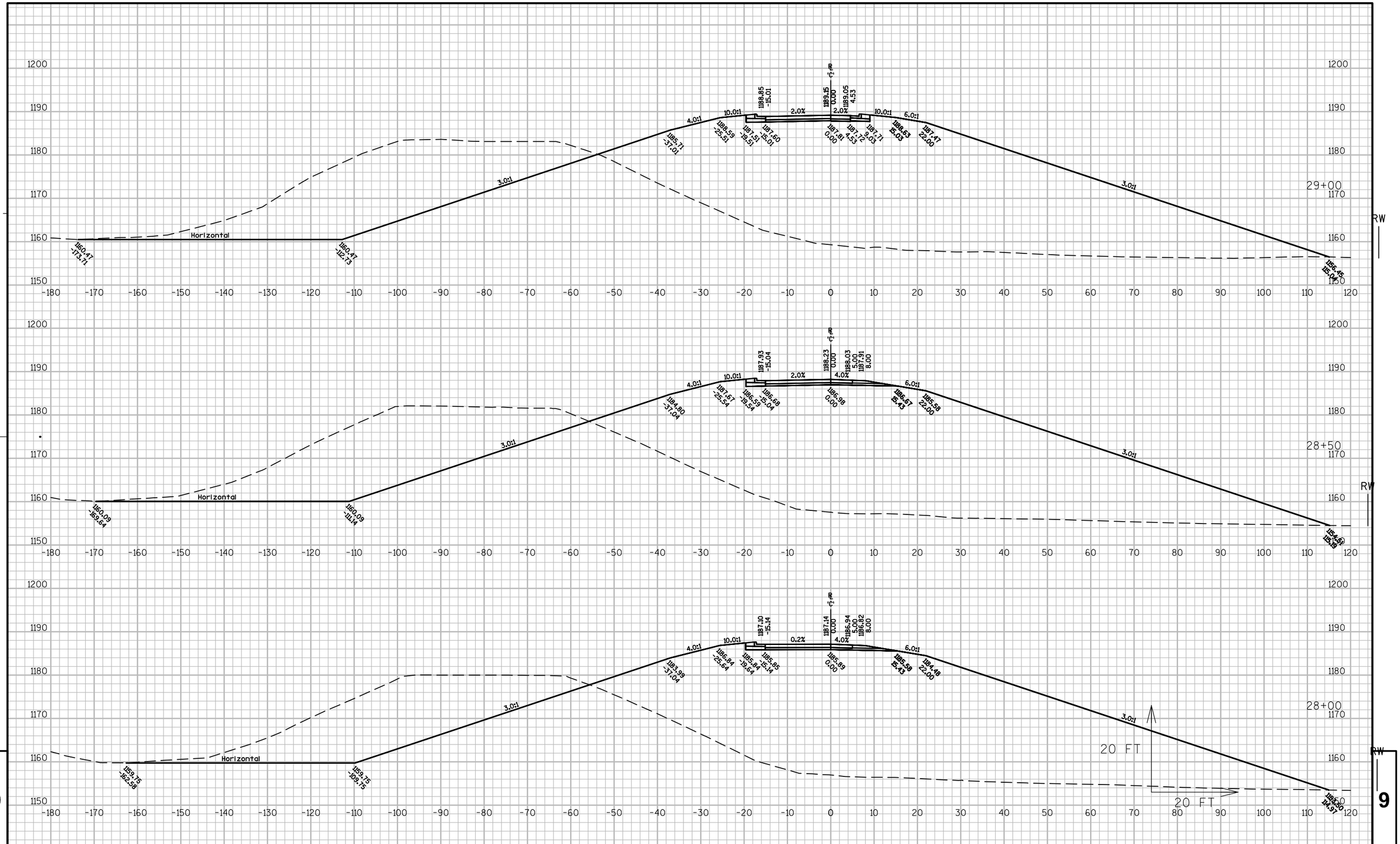
PROJECT NO:1021-01-72	HWY:IH 94	COUNTY:ST. CROIX	CROSS SECTIONS: RAMP C	SHEET E

FILE NAME : X:\3230600\121622.01\TECH\CAD\10210102\SHEETSPLAN\090204_XS (SW RAMP).DWG PLOT DATE : 8/26/2013 3:29 PM PLOT BY : DAVID YAHNKE PLOT NAME : PLOT SCALE : 1 IN:20 FT



PROJECT NO: 1021-01-72	HWY: IH 94	COUNTY: ST. CROIX	CROSS SECTIONS: RAMP C	SHEET E

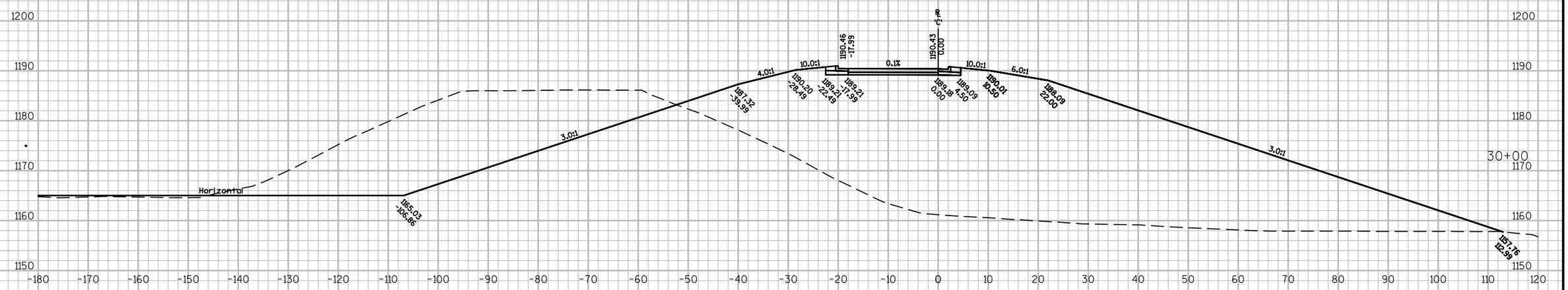
FILE NAME : X:\3230600\121622.01\TECH\CAD\10210102\SHEETSPLAN\090204_XS (SW RAMP).DWG PLOT DATE : 8/26/2013 3:29 PM PLOT BY : DAVID YAHNKE PLOT NAME : PLOT SCALE : 1 IN:20 FT

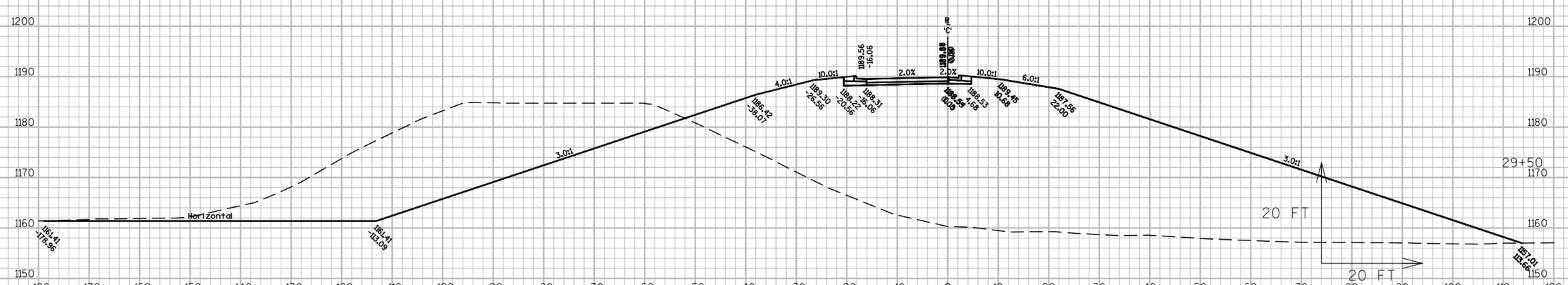


PROJECT NO:1021-01-72	HWY:IH 94	COUNTY:ST. CROIX	CROSS SECTIONS:RAMP C	SHEET E

FILE NAME : X:\3230600\121622.01\TECH\CAD\10210102\SHEETSPLAN\090204_XS (SW RAMP).DWG PLOT DATE : 8/26/2013 3:29 PM PLOT BY : DAVID YAHNKE PLOT NAME : PLOT SCALE : 1 IN:20 FT

END CONSTRUCTION
STA 31+43.86'C'



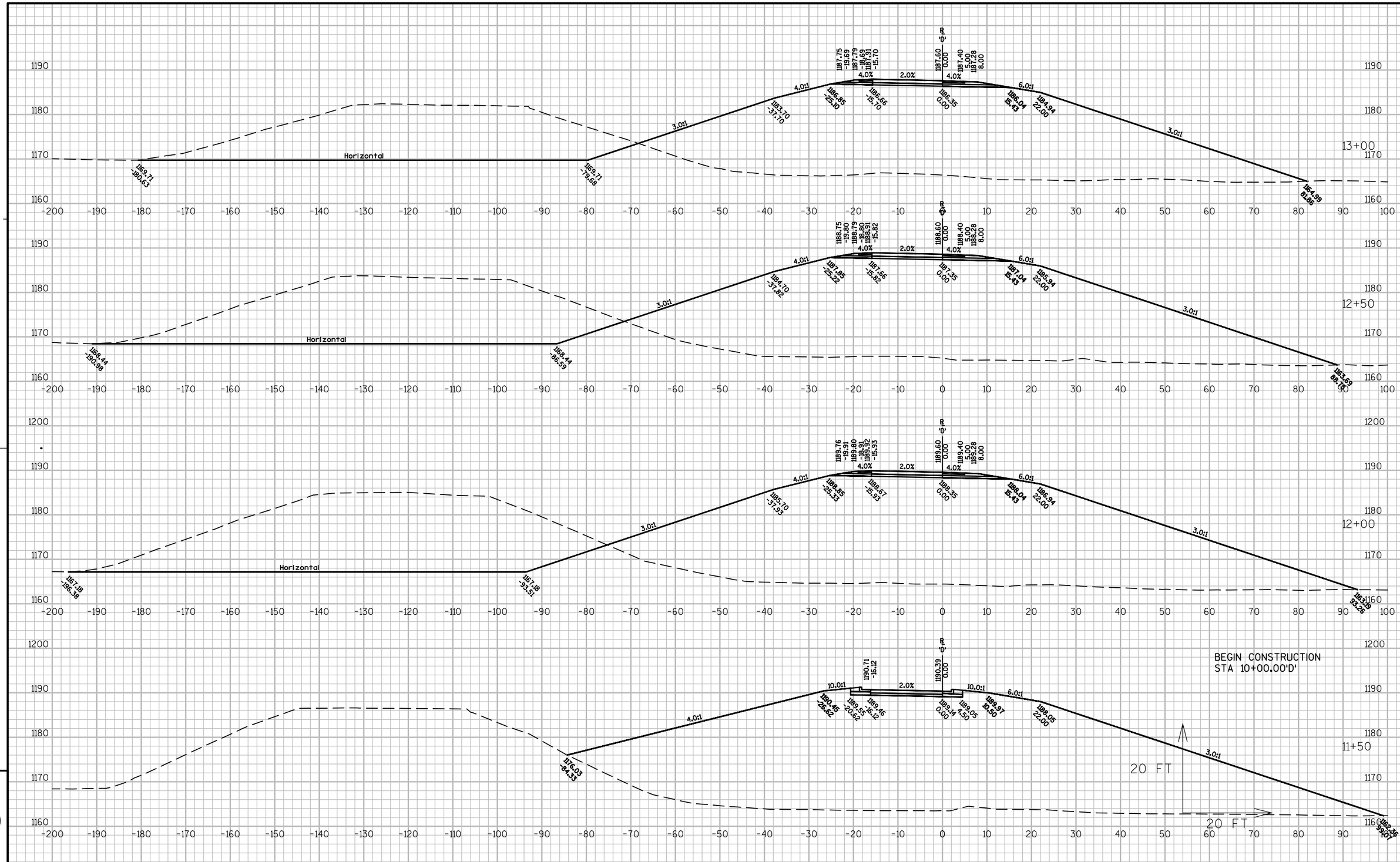


PROJECT NO:1021-01-72	HWY:IH 94	COUNTY:ST. CROIX	CROSS SECTIONS:RAMP C	SHEET E

FILE NAME : X:\3230600\121622.01\TECH\CAD\10210102\SHEETSPLAN\090204_XS (SW RAMP).DWG PLOT DATE : 8/26/2013 3:30 PM PLOT BY : DAVID YAHNKE PLOT NAME : PLOT SCALE : 1 IN:20 FT

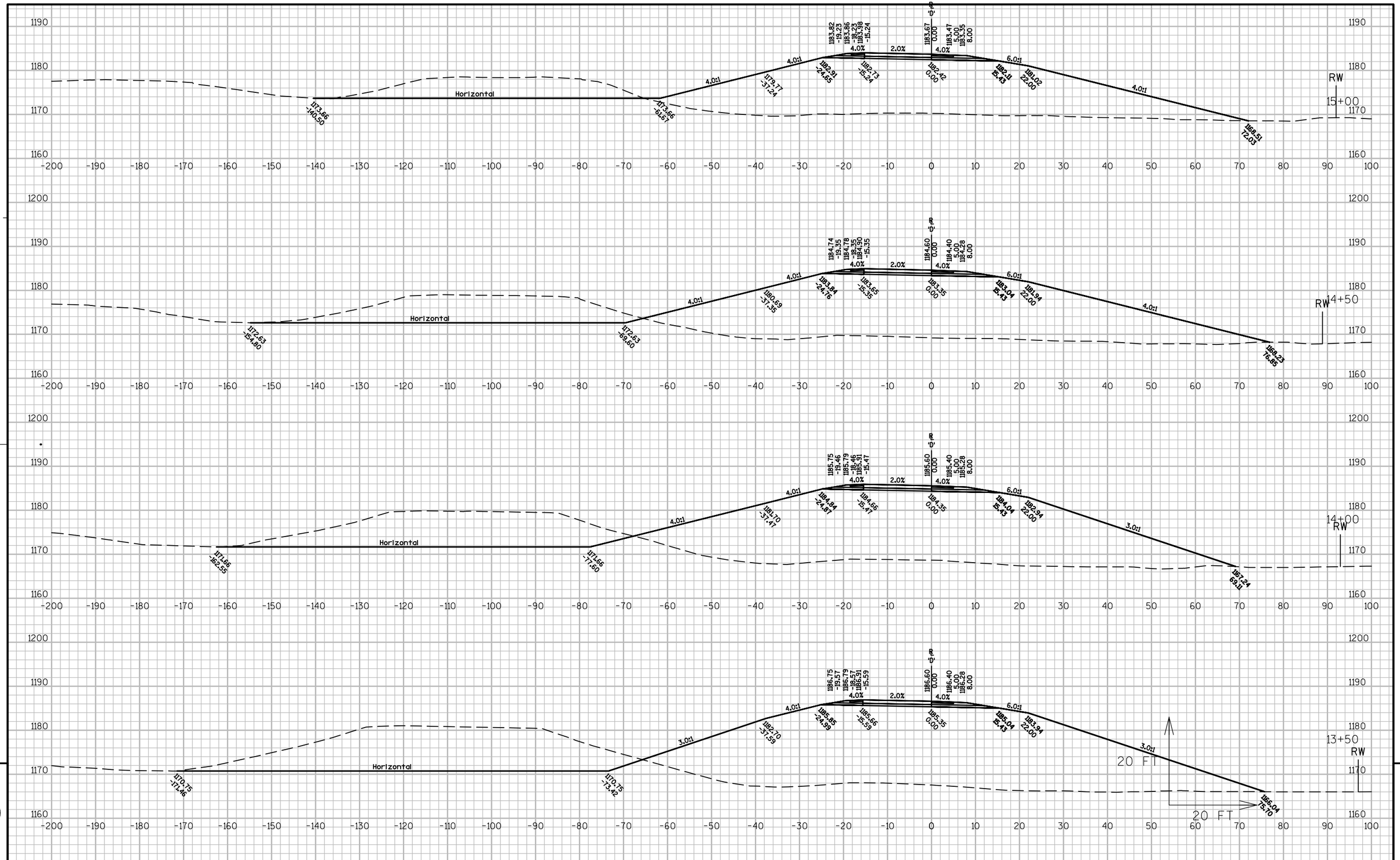
PRE_150

WISDOT/CADDS SHEET 49



PROJECT NO:1021-01-72	HWY:IH 94	COUNTY:ST. CROIX	CROSS SECTIONS:SE RAMP	SHEET E

FILE NAME : X:\3230600\121622.01\TECH\CAD\10210102\SHEETSPLAN\090205_XS (SE RAMP).DWG PLOT DATE : 8/26/2013 3:32 PM PLOT BY : DAVID YAHNKE PLOT NAME : PLOT SCALE : 1 IN:20 FT

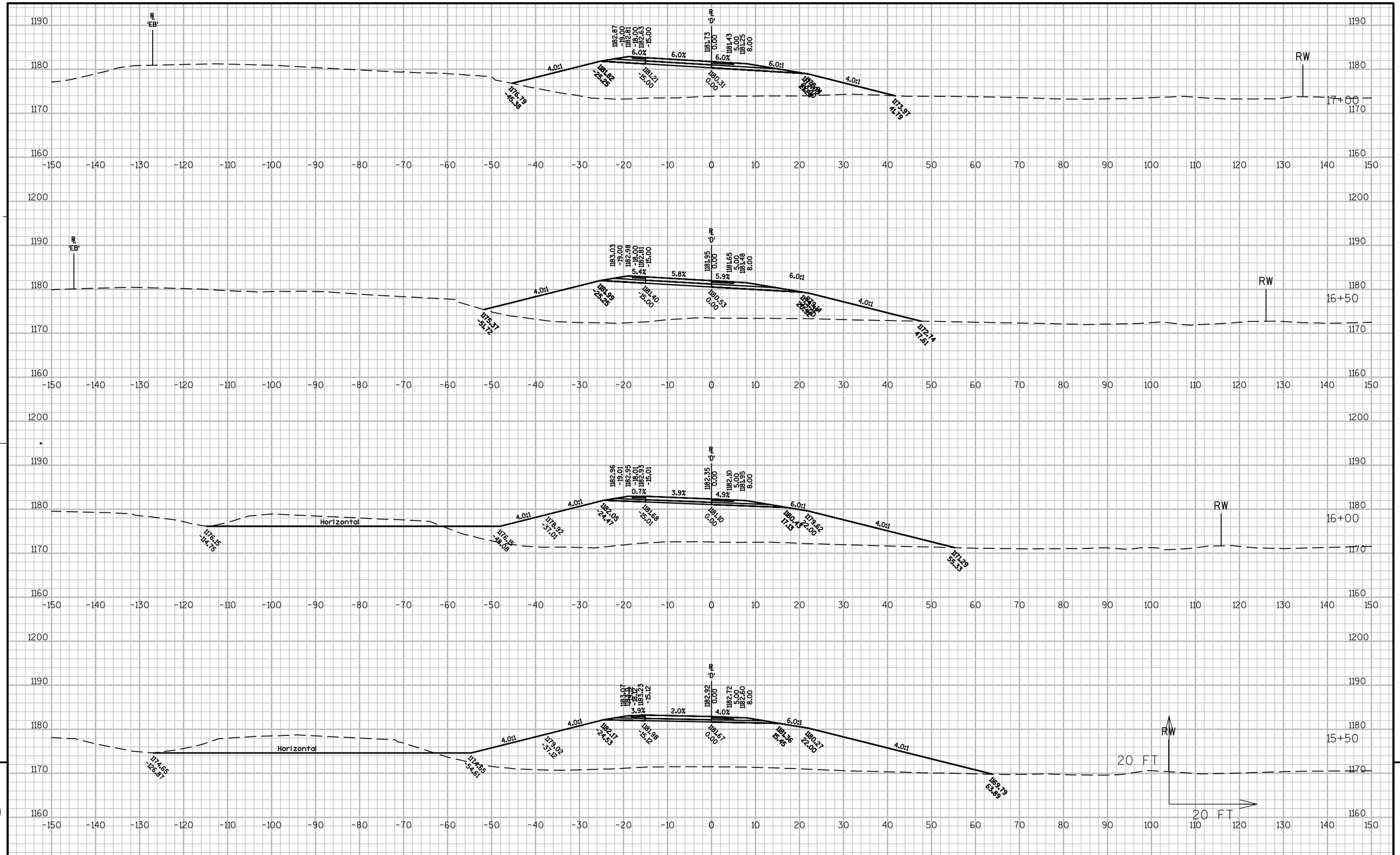


PROJECT NO:1021-01-72	HWY:IH 94	COUNTY:ST. CROIX	CROSS SECTIONS: RAMP D	SHEET E

FILE NAME : X:\3230600\121622.01\TECH\CAD\10210102\SHEETSPLAN\090205_XS (SE RAMP).DWG PLOT DATE : 8/26/2013 3:33 PM PLOT BY : DAVID YAHNKE PLOT NAME : PLOT SCALE : 1 IN:20 FT

PRE_152

WISDOT/CADDS SHEET 49



PROJECT NO:1021-01-72	HWY:IH 94	COUNTY:ST. CROIX	CROSS SECTIONS: RAMP D	SHEET E

FILE NAME : X:\3230600\121622.01\TECH\CAD\10210102\SHEETSPLAN\090205_XS (SE RAMP).DWG PLOT DATE : 8/26/2013 3:33 PM PLOT BY : DAVID YAHNKE PLOT NAME : PLOT SCALE : 1 IN:20 FT

PRE_153

WISDOT/CADDS SHEET 49

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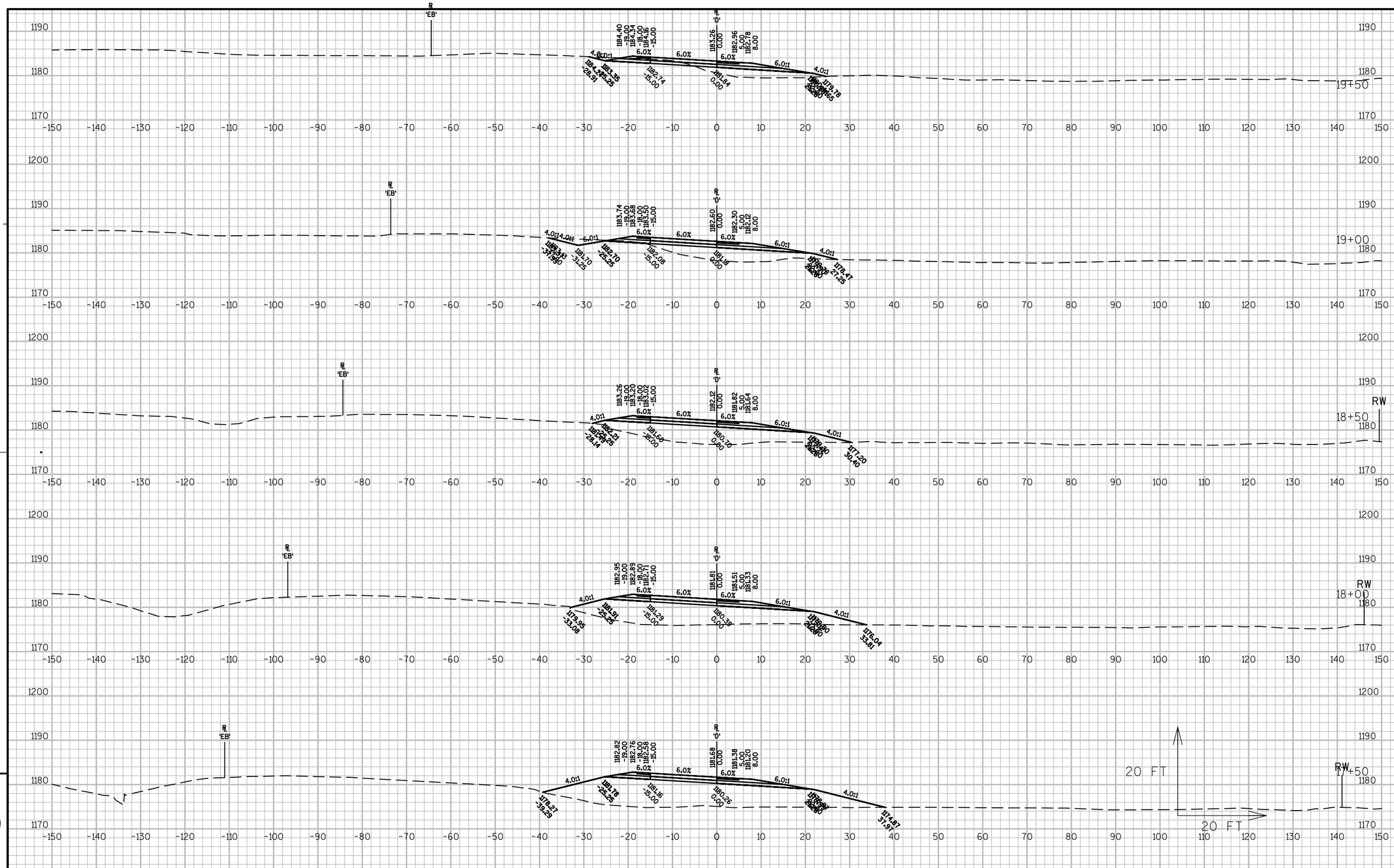
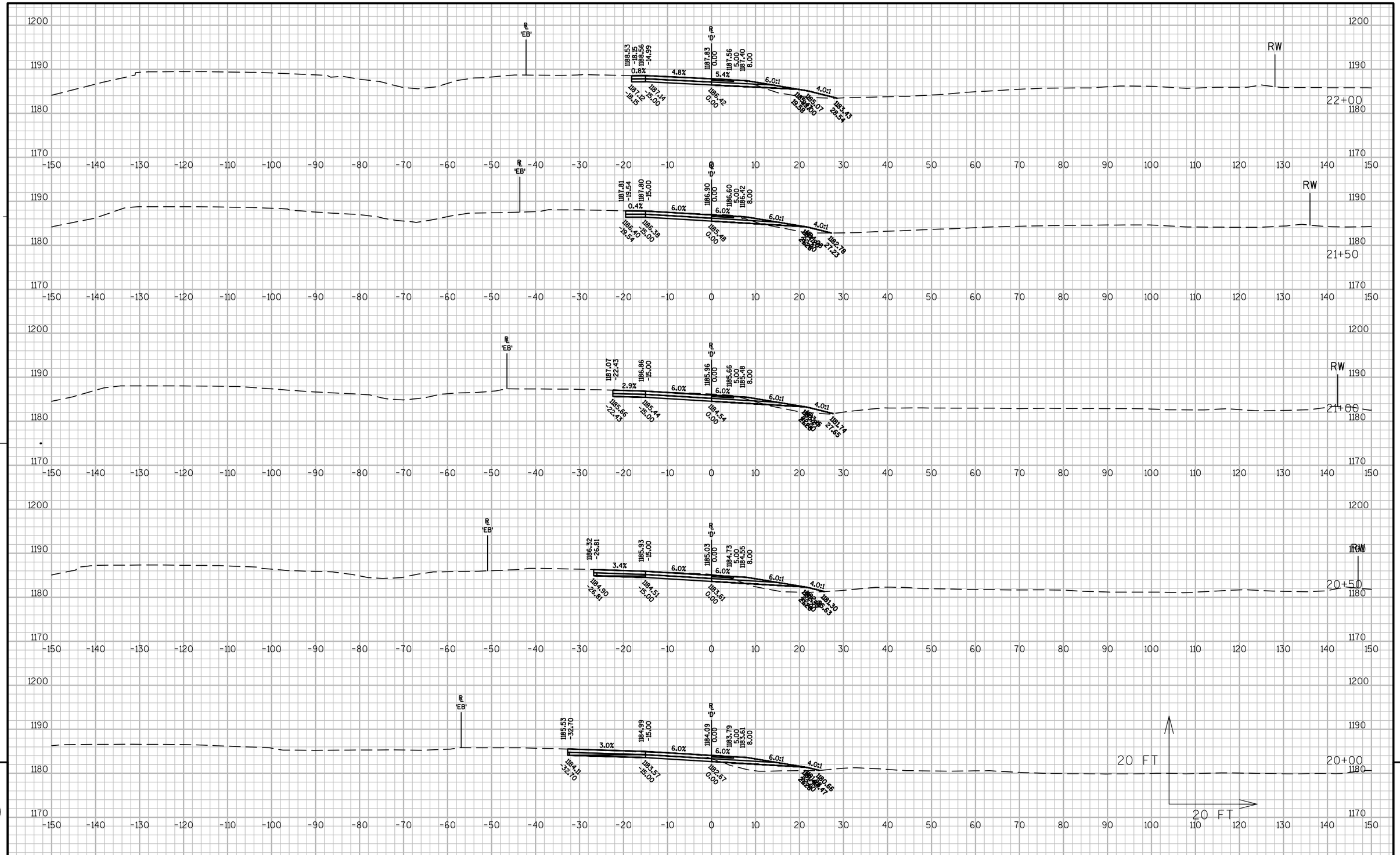


PROJECT NO:1021-01-72	HWY:IH 94	COUNTY:ST. CROIX	CROSS SECTIONS: RAMP D	SHEET E

FILE NAME : X:\3230600\121622.01\TECH\CAD\10210102\SHEETSPLAN\090205_XS (SE RAMP).DWG PLOT DATE : 8/26/2013 3:33 PM PLOT BY : DAVID YAHNKE PLOT NAME : PLOT SCALE : 1 IN:20 FT

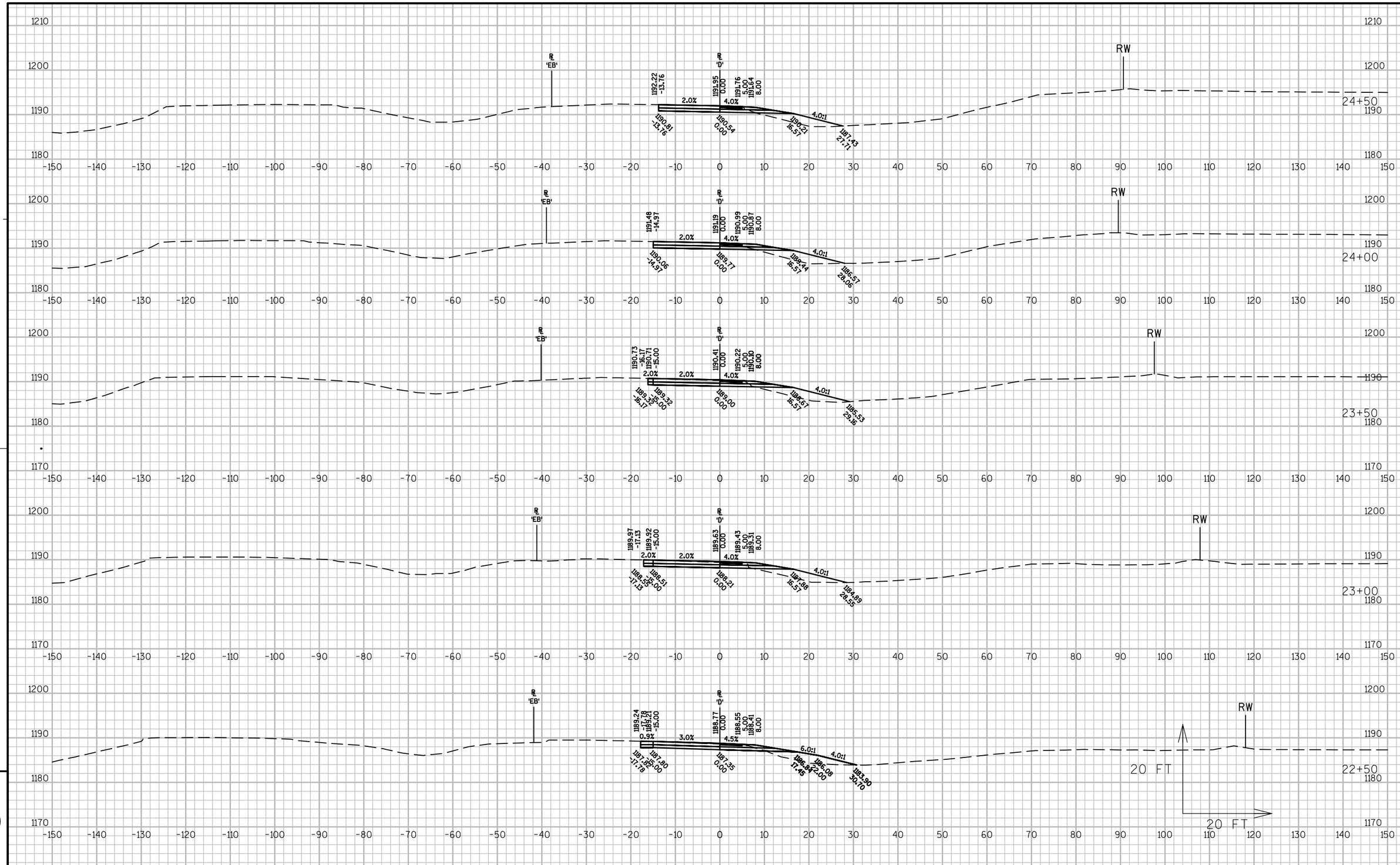
PRE_154

WISDOT/CADDS SHEET 49



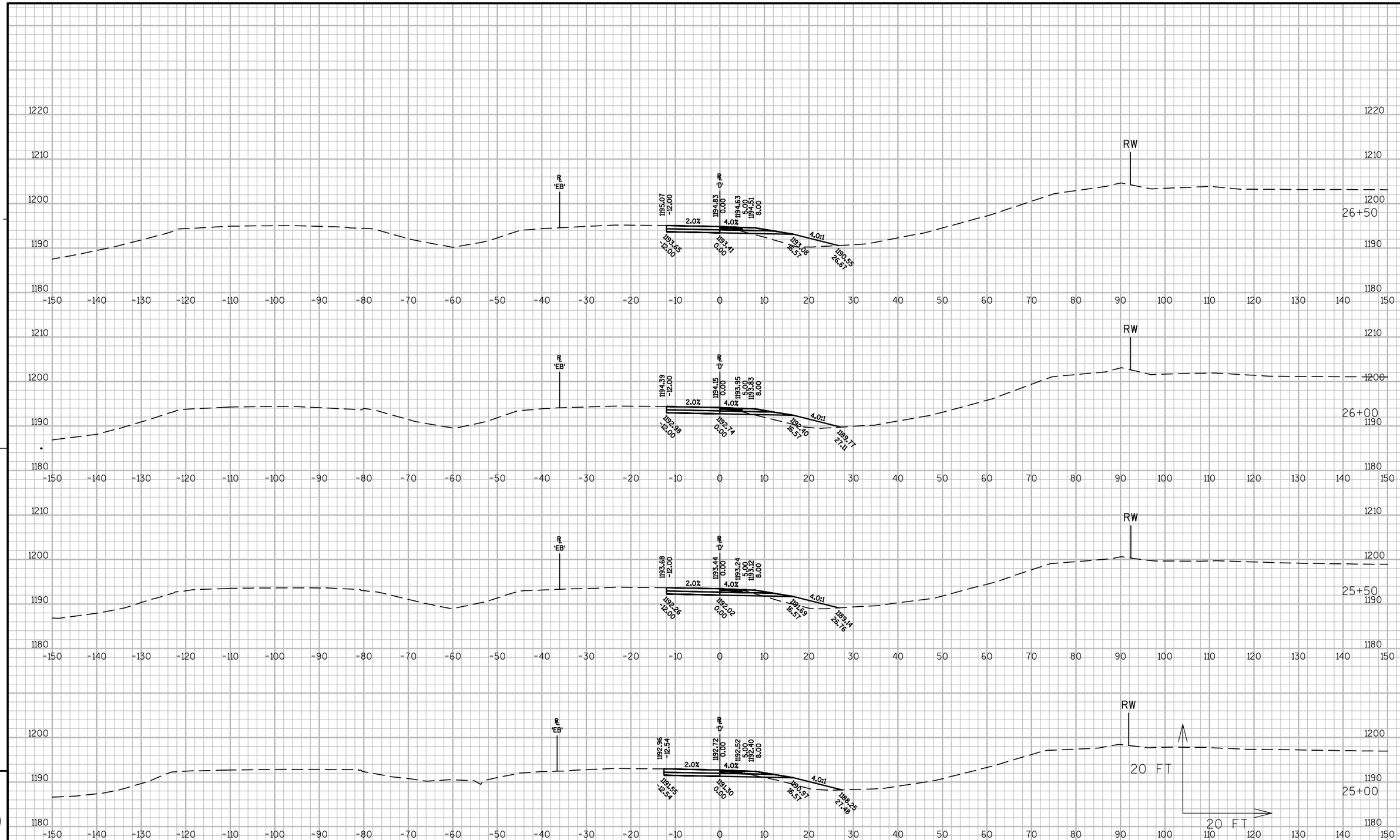
PROJECT NO:1021-01-72	HWY:IH 94	COUNTY:ST. CROIX	CROSS SECTIONS: RAMP D	SHEET E

FILE NAME : X:\3230600\121622.01\TECH\CAD\10210102\SHEETSPLAN\090205_XS (SE RAMP).DWG PLOT DATE : 8/26/2013 3:33 PM PLOT BY : DAVID YAHNKE PLOT NAME : PLOT SCALE : 1 IN:20 FT



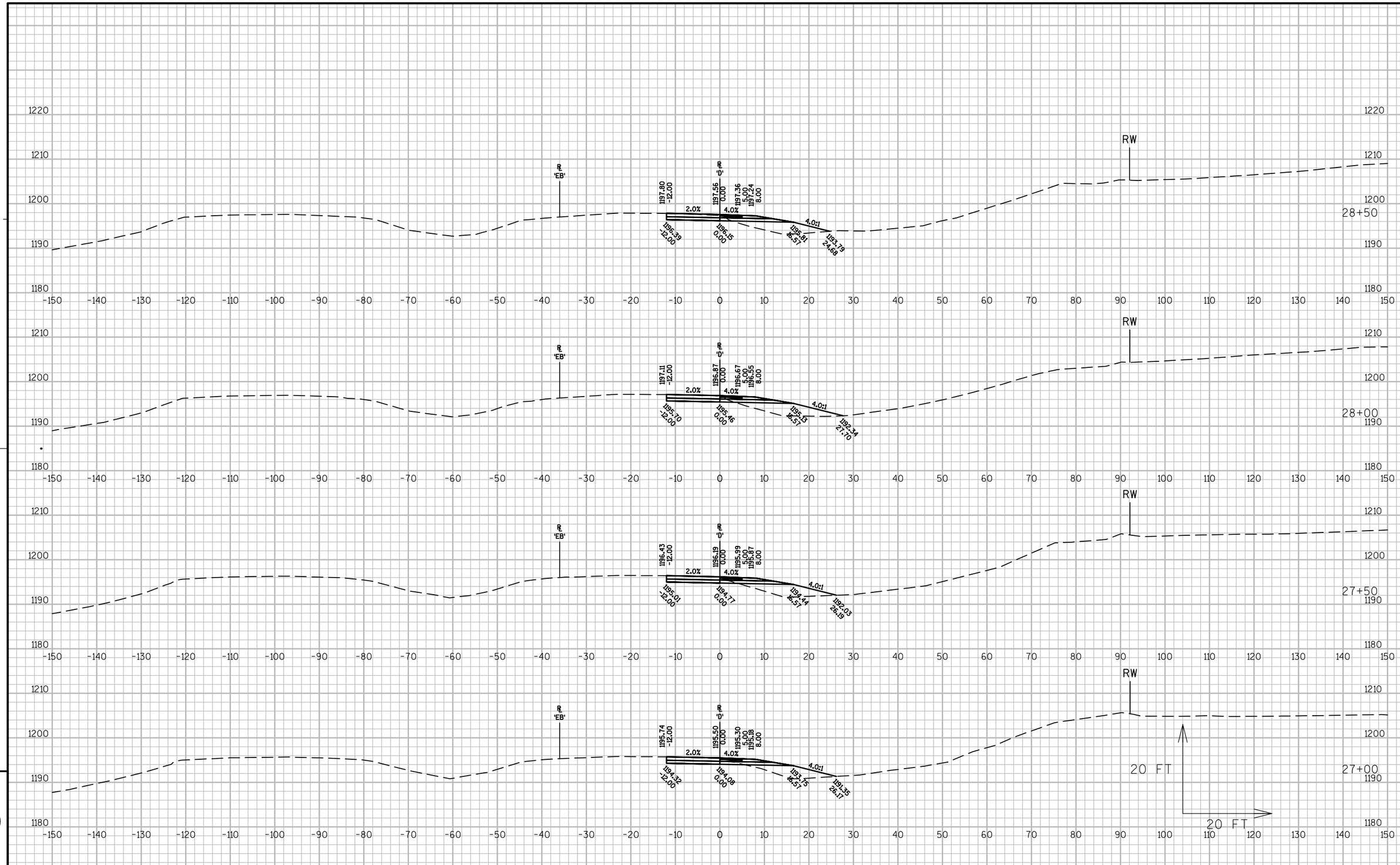
PROJECT NO:1021-01-72	HWY:IH 94	COUNTY:ST. CROIX	CROSS SECTIONS: RAMP D	SHEET E

FILE NAME : X:\3230600\121622.01\TECH\CAD\10210102\SHEETSPLAN\090205_XS (SE RAMP).DWG PLOT DATE : 8/26/2013 3:34 PM PLOT BY : DAVID YAHNKE PLOT NAME : PLOT SCALE : 1 IN:20 FT



PROJECT NO:1021-01-72	HWY:IH 94	COUNTY:ST. CROIX	CROSS SECTIONS:RAMP D	SHEET E

FILE NAME : X:\3230600\121622.01\TECH\CAD\10210102\SHEETSPLAN\090205_XS (SE RAMP).DWG PLOT DATE : 8/26/2013 3:34 PM PLOT BY : DAVID YAHNKE PLOT NAME : PLOT SCALE : 1 IN:20 FT

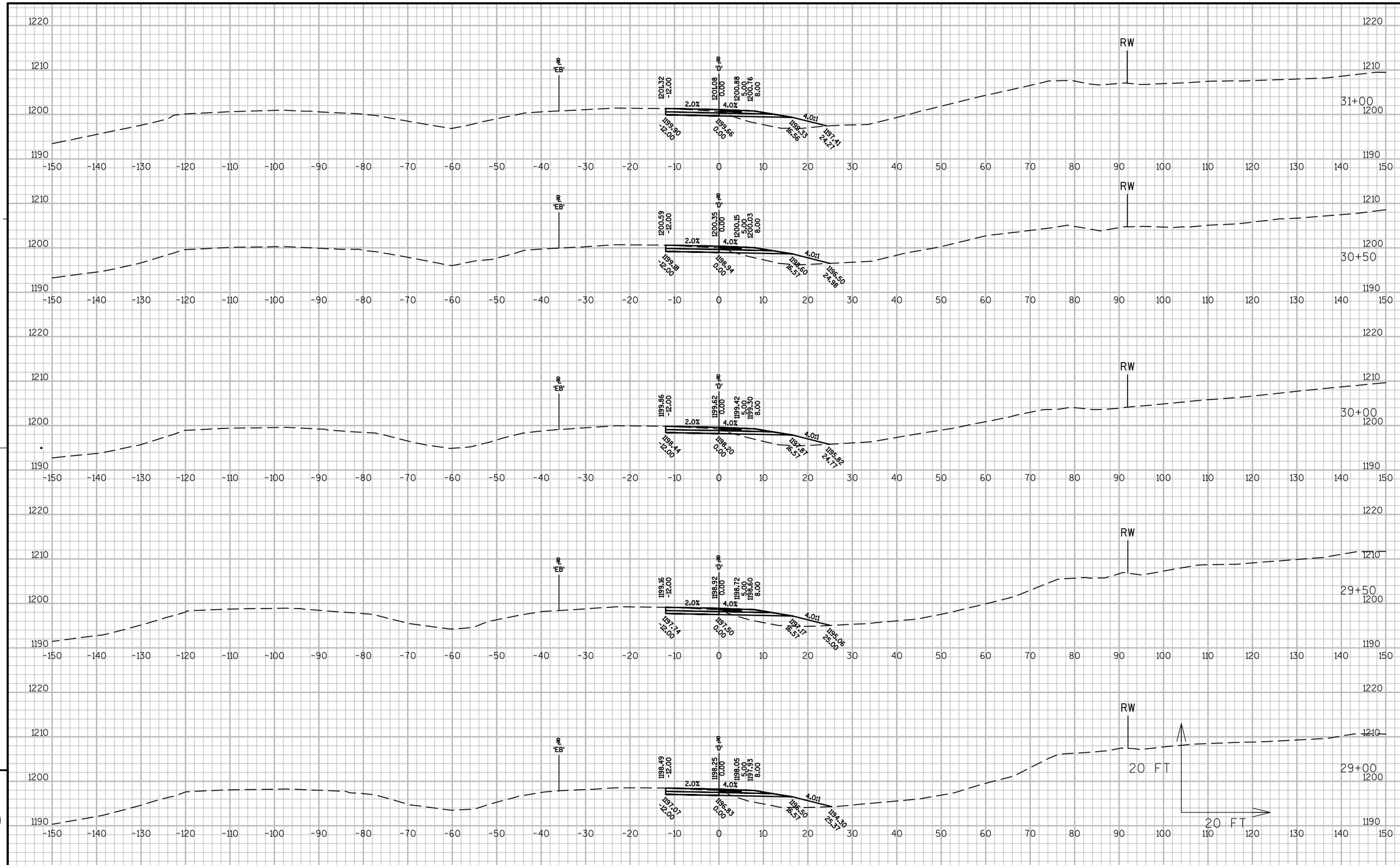


PROJECT NO:1021-01-72	HWY:IH 94	COUNTY:ST. CROIX	CROSS SECTIONS: RAMP D	SHEET E

FILE NAME : X:\3230600\121622.01\TECH\CAD\10210102\SHEETSPLAN\090205_XS (SE RAMP).DWG PLOT DATE : 8/26/2013 3:34 PM PLOT BY : DAVID YAHNKE PLOT NAME : PLOT SCALE : 1 IN:20 FT

PRE_158

WISDOT/CADDS SHEET 49



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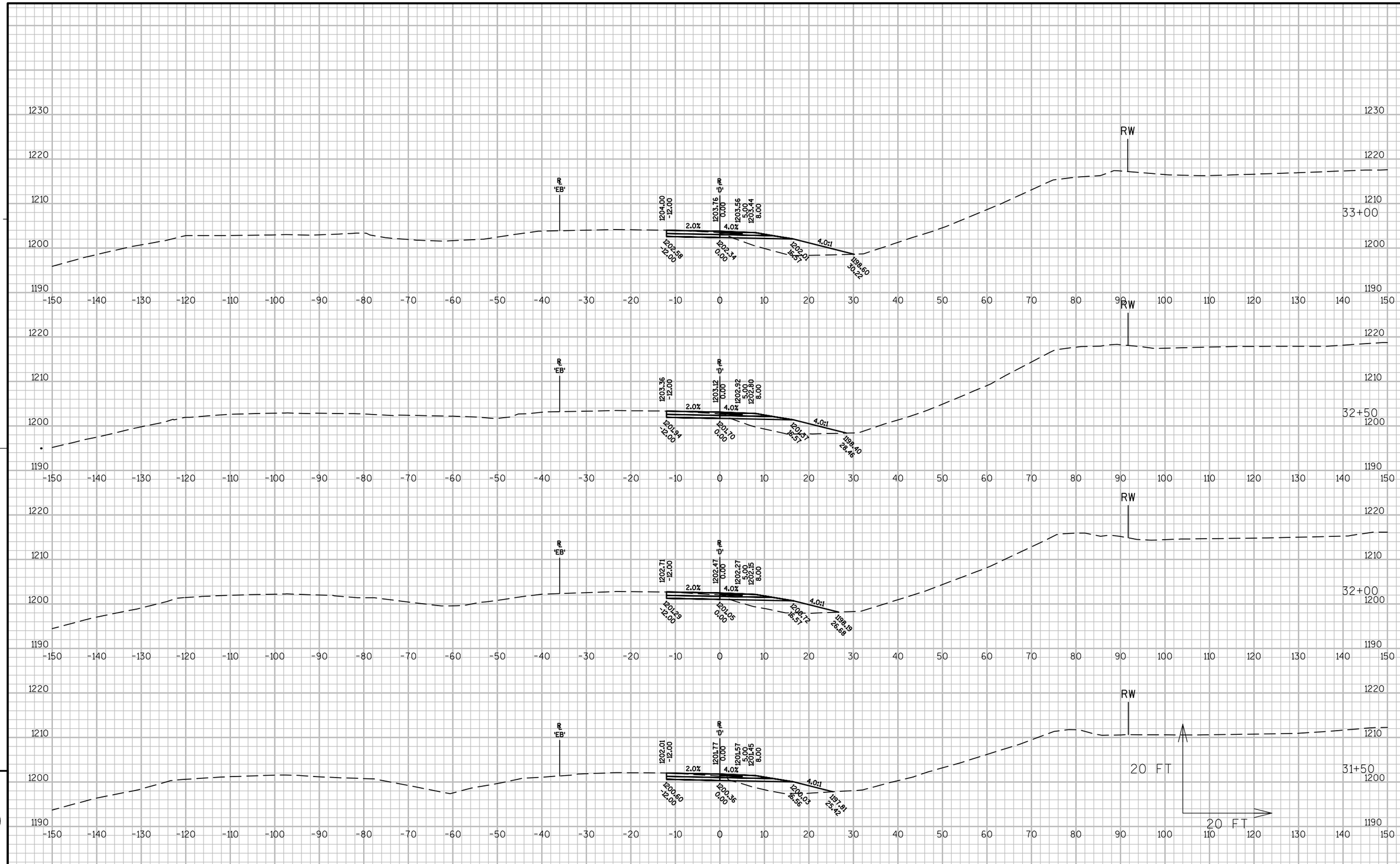
9

PROJECT NO:1021-01-72	HWY:IH 94	COUNTY:ST. CROIX	CROSS SECTIONS: RAMP D	SHEET E

FILE NAME : X:\3230600\121622.01\TECH\CAD\10210102\SHEETSPLAN\090205_XS (SE RAMP).DWG PLOT DATE : 8/26/2013 3:34 PM PLOT BY : DAVID YAHNKE PLOT NAME : PLOT SCALE : 1 IN:20 FT

PRE_159

WISDOT/CADDS SHEET 49

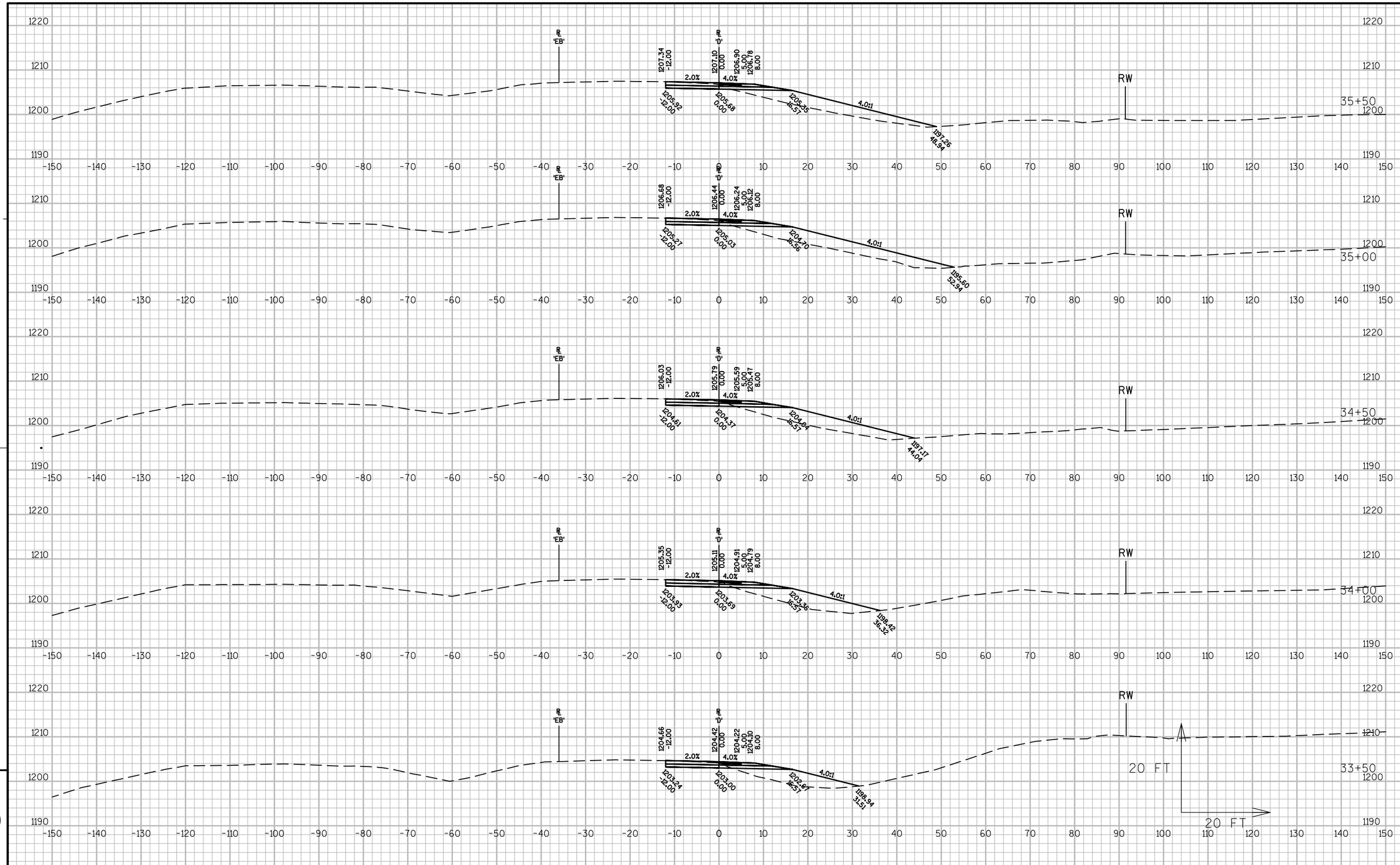


PROJECT NO:1021-01-72	HWY:IH 94	COUNTY:ST. CROIX	CROSS SECTIONS:RAMP D	SHEET E

FILE NAME : X:\3230600\121622.01\TECH\CAD\10210102\SHEETSPLAN\090205_XS (SE RAMP).DWG PLOT DATE : 8/26/2013 3:35 PM PLOT BY : DAVID YAHNKE PLOT NAME : PLOT SCALE : 1 IN:20 FT

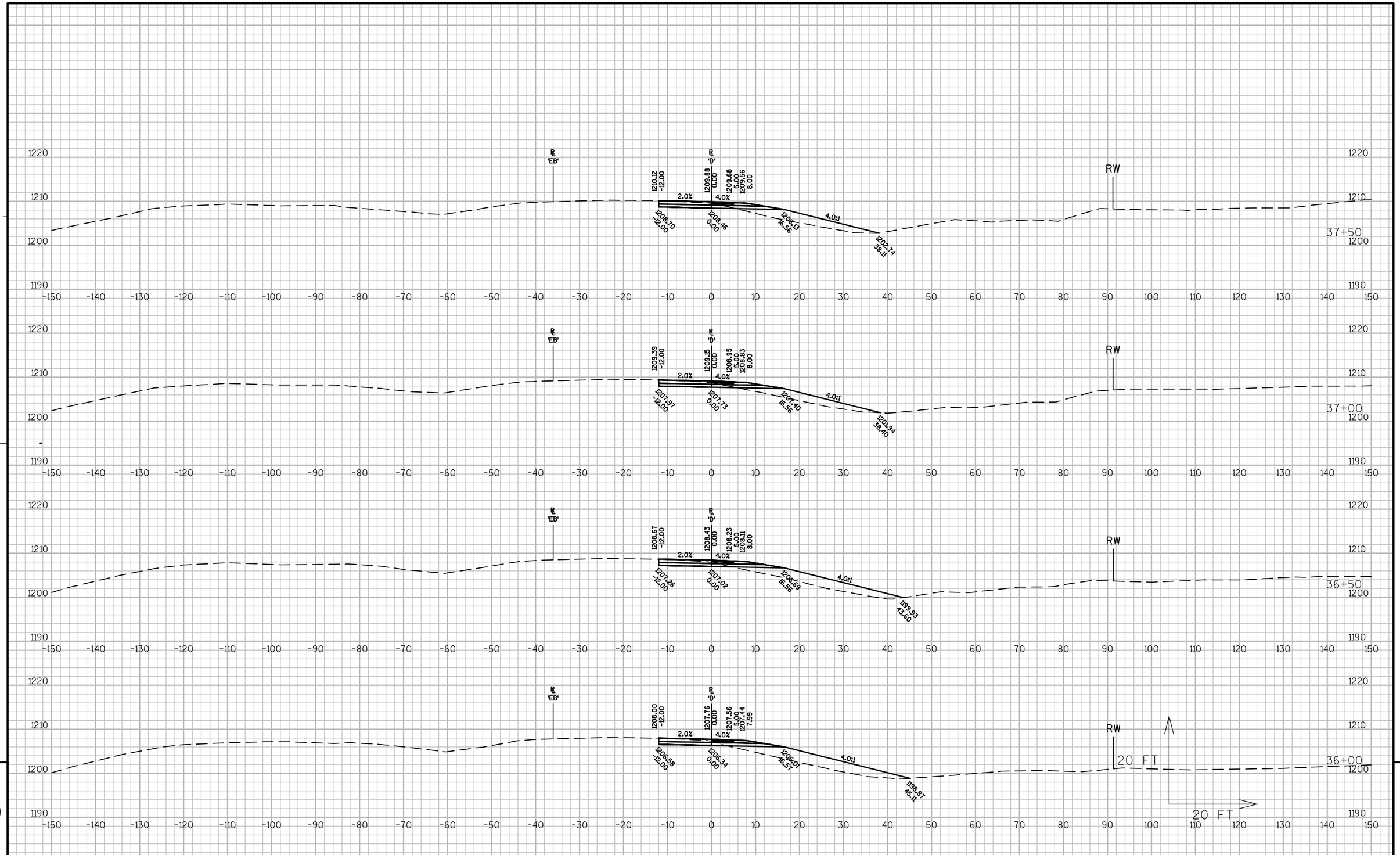
PRE_160

WISDOT/CADDS SHEET 49



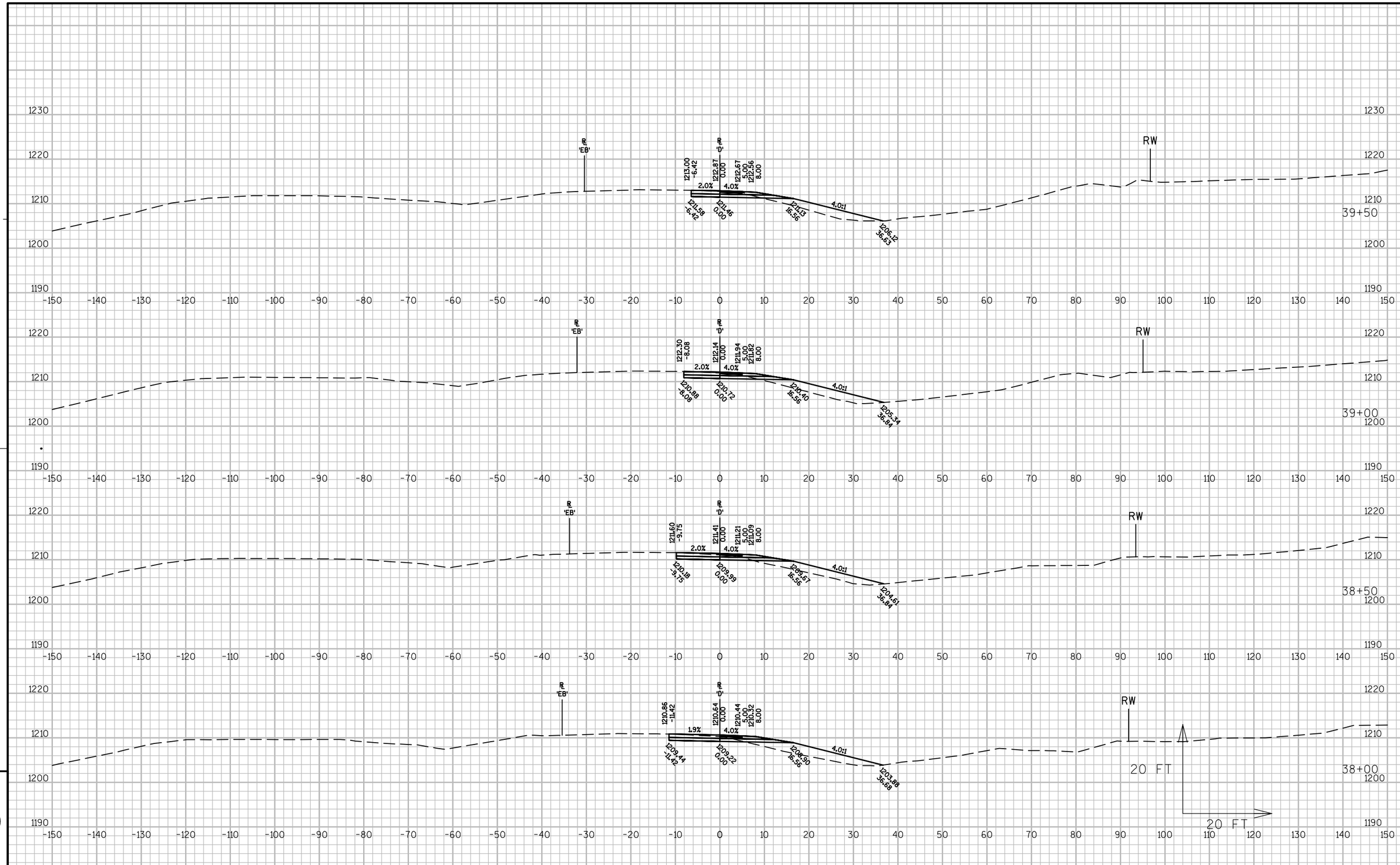
PROJECT NO:1021-01-72	HWY:IH 94	COUNTY:ST. CROIX	CROSS SECTIONS: RAMP D	SHEET E

FILE NAME : X:\3230600\121622.01\TECH\CAD\10210102\SHEETSPLAN\090205_XS (SE RAMP).DWG PLOT DATE : 8/26/2013 3:35 PM PLOT BY : DAVID YAHNKE PLOT NAME : PLOT SCALE : 1 IN:20 FT



PROJECT NO:1021-01-72	HWY:IH 94	COUNTY:ST. CROIX	CROSS SECTIONS: RAMP D	SHEET E

FILE NAME : X:\3230600\121622.01\TECH\CAD\10210102\SHEETSPLAN\090205_XS (SE RAMP).DWG PLOT DATE : 8/26/2013 3:35 PM PLOT BY : DAVID YAHNKE PLOT NAME : PLOT SCALE : 1 IN:20 FT



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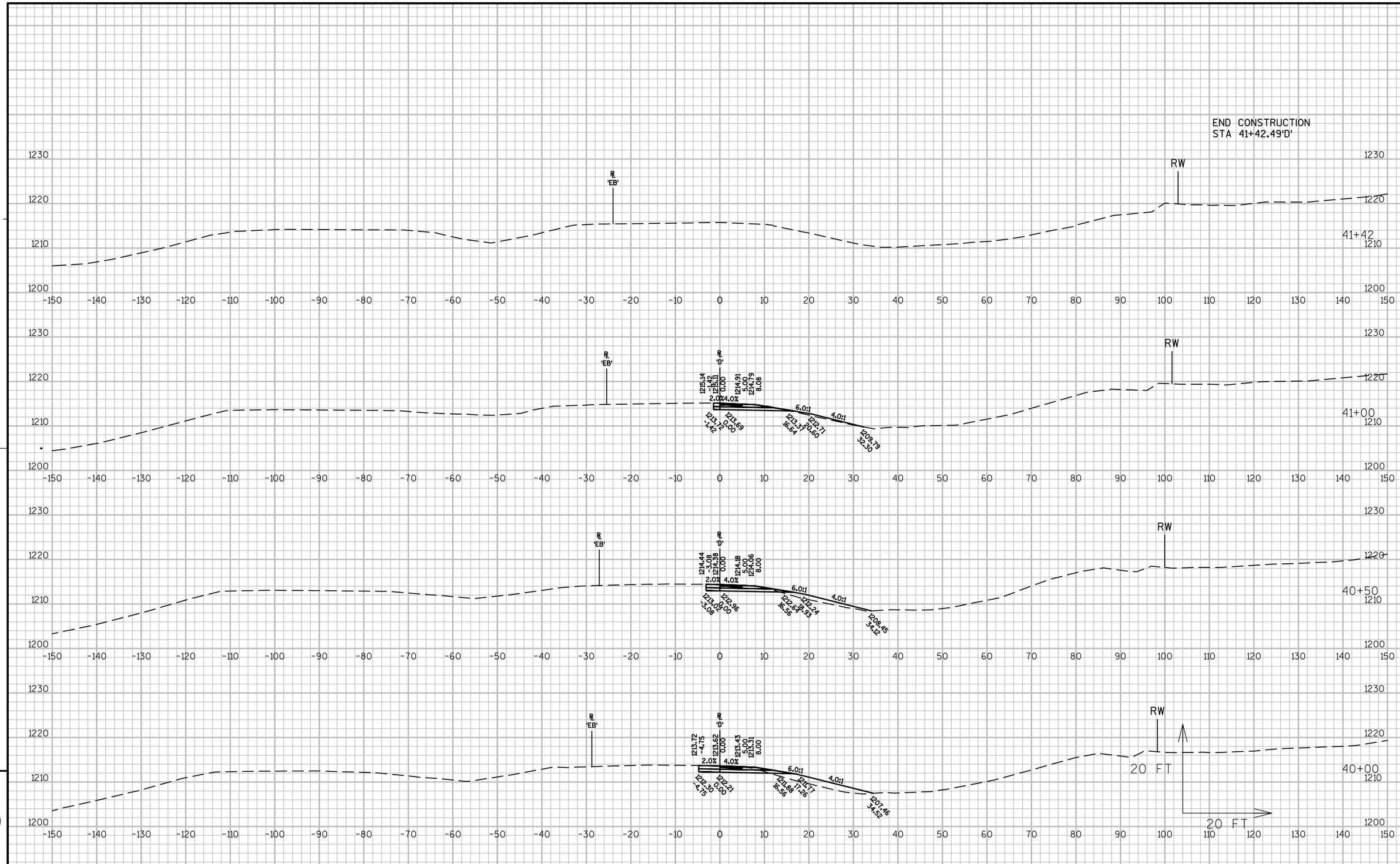
PROJECT NO:1021-01-72	HWY:IH 94	COUNTY:ST. CROIX	CROSS SECTIONS: RAMP D	SHEET E

FILE NAME : X:\3230600\121622.01\TECH\CAD\10210102\SHEETSPLAN\090205_XS (SE RAMP).DWG PLOT DATE : 8/26/2013 3:35 PM PLOT BY : DAVID YAHNKE PLOT NAME : PLOT SCALE : 1 IN:20 FT

PRE_163

WISDOT/CADDS SHEET 49



9

9

PROJECT NO:1021-01-72	HWY:IH 94	COUNTY:ST. CROIX	CROSS SECTIONS: RAMP D	SHEET E

FILE NAME : X:\3230600\121622.01\TECH\CAD\10210102\SHEETSPLAN\090205_XS (SE RAMP).DWG PLOT DATE : 8/26/2013 3:36 PM PLOT BY : DAVID YAHNKE PLOT NAME : PLOT SCALE : 1 IN:20 FT

WISCONSIN DEPARTMENT OF TRANSPORTATION

EPlans Preliminary Sheet Numbering Tool

This sheet: ftp://ftp.dot.state.wi.us/transp/roads/eplans/prelim_sheet_numbers.pdf

Notes

- Acrobat 5 or higher is required to use this tool.
- The Bureau of Highway Construction places sheet numbers in the final plan.
- This sheet is for placing preliminary sheet numbers with a “PRE_" prefix.
- If a plan contains multiple projects, number each plan individually.
- Leave this sheet in the plan.

TO ADD PRELIMINARY SHEET NUMBERS

1. Insert this sheet at the end of the plan

a. With the plan open in Acrobat, select Document > Insert Pages.
b. In the Select File to Insert dialog box, select this file (prelim_sheet_numbers.pdf)
c. In the Insert dialog box, choose After for Location and Last page for Page.
d. Click OK.

2. Click the Place Preliminary Sheet Numbers button

a. Go to the last sheet of the plan.
b. Click the Place Preliminary Sheet Numbers button once.
(The preliminary sheet number appears in the bottom right corner of the sheets.
The number should match te page number in the Acrobat Status bar).

3. Re-Save the PDF

a. Select File > Save As and save the PDF.

Place Preliminary Sheet Numbers

TO REMOVE PRELIMINARY SHEET NUMBERS

Remove