PROJECT ID: 1010-02-78
WITH: N/A

COUNTY: DANE

STATE PROJECT	FEDERAL PROJECT	
	PROJECT	CONTRACT
1010-02-78		

ORDER OF SHEETS

TOTAL SHEETS =

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

PLAN OF PROPOSED IMPROVEMENT

MADISON - PORTAGE

STH 19 & CPR OVERPASS STRUCTURES

IH 39

DANE COUNTY

STATE PROJECT NUMBER
1010-02-78

N

DESIGN DESIGNATION

			IH 39	STH 19
A.A.D.T.	2016	=	66200	19800
A.A.D.T.	2036	=	84300	26000
D.H.V.	2016	=	11000	3000
D.D.		=	58/42	60/40
T. (AADT)		=	13.0%	5.0%
DESIGN SPEED		=	70 MPH	50 MPH
ESALS		=	24,000,000	N/A

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

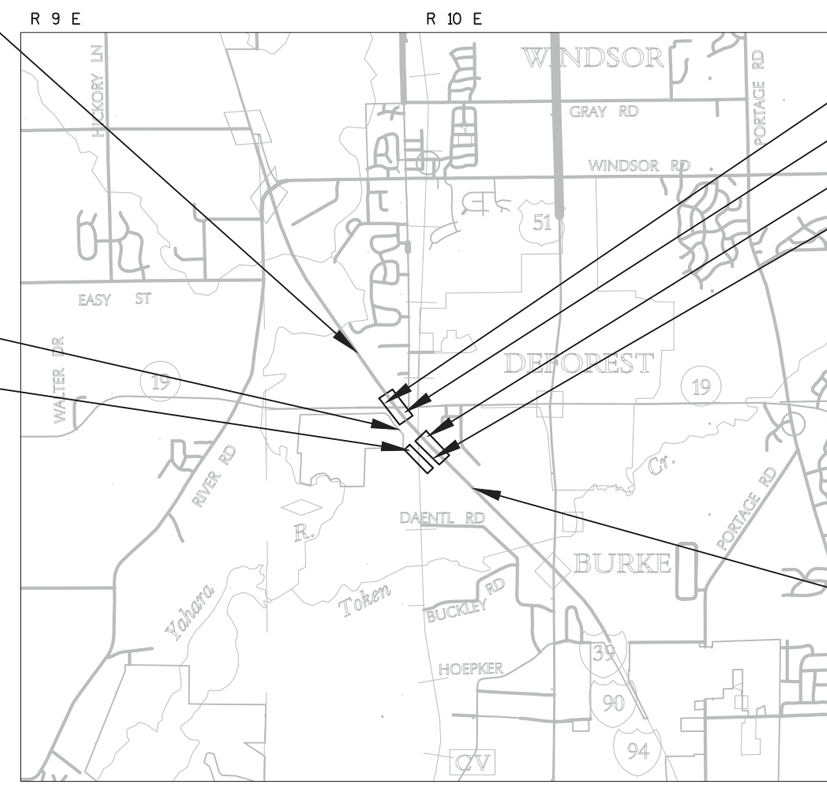
PROFILE
- GRADE LINE
- ORIGINAL GROUND
- MARSH OR ROCK PROFILE (To be noted as such) — ROCK
- SPECIAL DITCH — LABEL
- GRADE ELEVATION — 95.36
- CULVERT (Profile View)

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

BEGIN PROJECT 1010-02-78
STA. 143+24.00 EB
Y = 527020.97
X = 831,254.53

CULVERT C-13-2078

STRUCTURE B-13-297



T 9 N

T 8 N

STRUCTURE B-13-91

STRUCTURE B-13-92

STRUCTURE B-13-94

STRUCTURE B-13-93

END PROJECT 1010-02-78
STA. 166+10 EB

LAYOUT

SCALE 0 — 1 MILE

TOTAL NET LENGTH OF CENTERLINE = 0.433 MI

HORIZONTAL POSITIONS SHOWN ON THIS PLAN ARE WISCONSIN COUNTY COORDINATES, DANE COUNTY, NAD83 (2011), IN U.S. SURVEY FEET. VALUES ARE GRID COORDINATES, GRID BEARINGS, AND GRID DISTANCES. GRID DISTANCES MAY BE USED AS GROUND DISTANCES. VERTICAL DATUM IS NAVD 88.

ORIGINAL PLANS PREPARED BY

Michael Baker
INTERNATIONAL

WISCONSIN SUSAN C. BARKER E-27128 MADISON, WI PROFESSIONAL ENGINEER

1/22/2016 (Date) — (Signature)

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

PREPARED BY

Surveyor	JT ENGINEERING, INC
Designer	MICHAEL BAKER INTERNATIONAL
Project Manager	BOB LEX
Regional Examiner	
Regional Supervisor	KURT JOHNSON

APPROVED FOR THE DEPARTMENT
DATE: 01/22/2016 (Signature)

E

GENERAL NOTES

EXISTING CULVERT PIPE WITHIN THE CONSTRUCTION LIMITS THAT ARE TO BE REMOVED SHALL BE DIRECTED BY THE ENGINEER IN THE FIELD. ALL CULVERT PIPE REMOVED SHALL BECOME THE PROPERTY OF THE CONTRACTOR UNLESS OTHERWISE DIRECTED BY THE ENGINEER.

NO TREES OR SHRUBS ARE TO BE REMOVED WITHOUT APPROVAL OF THE ENGINEER. DISTURBED AREAS WITHIN THE RIGHT OF WAY, EXCEPT AREAS WITHIN THE FINISHED SHOULDER POINTS, SHALL BE FERTILIZED, SEEDED AND MULCHED.

EXCAVATION BELOW SUBGRADE (EBS), FOR REMOVAL OF UNSUITABLE MATERIAL, AS SHOWN ON THE PLANS IS NOT USED TO BALANCE YARDAGE, BUT IS MEASURED AND PAID FOR AS EXCAVATION COMMON. EXACT LOCATIONS FOR REMOVING UNSUITABLE MATERIAL WILL BE DETERMINED BY THE ENGINEER.

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

THE CONTRACTOR SHALL COORDINATE HIS CONSTRUCTION ACTIVITIES WITH A CALL TO DIGGERS HOTLINE AND /OR A DIRECT CALL TO THE UTILITIES THAT HAVE FACILITIES IN THE AREA. NOT ALL UTILITIES ARE MEMBERS OF DIGGERS HOTLINE.

EROSION CONTROL FEATURES AS SHOWN ON THE PLANS ARE SUGGESTED LOCATIONS. EXACT LOCATIONS WILL BE DETERMINED BY THE ENGINEER IN THE FIELD.

CROSS DRAIN PIPE ELEVATIONS, LENGTHS AND LOCATIONS AS SHOWN ON THE PLANS, SHALL BE ADJUSTED TO FIT THE EXISTING FIELD CONDITIONS, AS DIRECTED BY THE ENGINEER.

THE HMA PAVEMENT WEIGHT CALCULATIONS ARE BASED ON A UNIT WEIGHT OF 112 LBS/SY/IN.

SUBSURFACE EXPLORATION REPORT, INCLUDING PAVEMENT CORE AND BORING INFORMATION, IS AVAILABLE FROM WISDOT SW REGION PROJECTS SECTION.

PLACE 3.5-INCH ASPHALTIC SURFACE IN TWO LAYERS OF 1.75 EACH. THE 12.5 MM MIX GRADATION MAY BE USED FOR BOTH LAYERS. USE ASPHALTIC MATERIAL PG-58-28.

PLACE 4 INCH HMA PAVEMENT WITH A LOWER LAYER OF 2 INCHES AND UPPER LAYER OF 2 INCHES.

PLACE 5-INCH HMA PAVEMENT 3 MT 58-28 S IN ONE LAYER.

PLACE TEMPORARY PAVEMENT MARKING PAINT ON IH 39 AFTER STAGE 2 CONSTRUCTION. PERMANENT PAVEMENT MARKING WILL BE PLACED AFTER BOTH STAGES ON IH 39 ARE COMPLETE.

DO NOT PLACE PAVEMENT MARKINGS OVER LONGITUDINAL JOINTS.

ABBREVIATIONS

ASPH.	ASPHALTIC
CL OR C.L.	CENTER LINE
C.A.B.C.	CRUSHED AGGREGATE BASE COURSE
C.E.	COMMERCIAL ENTRANCE
CONC.	CONCRETE
C.M.C.P.	CORRUGATED METAL CULVERT PIPE
C.M.P.	CORRUGATED METAL PIPE
C.P.	CULVERT PIPE
C.S.C.P.	CORRUGATED STEEL CULVERT PIPE
C.S.P.A.	CORRUGATED STEEL PIPE ARCH
DIA.	DIAMETER
EBS	EXCAVATION BELOW SUBGRADE
EXIST.	EXISTING
F.E.	FIELD ENTRANCE
F.L.	FLOW LINE
LC	LAND CONTRACT
L.H.F.	LEFT HAND FORWARD
HMA	HOT MIX ASPHALT
MED	MEDIAN
MIN.	MINIMUM
PAVT.	PAVEMENT
P.E.	PRIVATE ENTRANCE
P.L.	PROPERTY LINE
R.	RADIUS
R.C.C.P.	REINFORCE CONCRETE CULVERT PIPE
R.C.P.S.S.	REINFORCE CONCRETE PIPE STORM SEWER
R.L.	REFERENCE LINE
R.C.	REINFORCED CONCRETE
REQ'D.	REQUIRED
R.H.F.	RIGHT HAND FORWARD
R.R.	RAILROAD
R/W	RIGHT OF WAY
S.G.S.P.	SUBGRADE SHOULDER POINT
SHLDR.	SHOULDER
S.P.B.G.	STEEL PLATE BEAM GUARD
S.D.	SPECIAL DITCH
S.D.D.	STANDARD DETAIL DRAWING
STA.	STATION
T.L.E.	TEMPORARY LIMITED EASEMENT
TYP.	TYPICAL
V.C.	VERTICAL CURVE
VAR.	VARIES

UTILITIES

AT&T LEGACY - COMMUNICATION
WILLIAM KOENIG
(JMC ENGINEERS & ASSOCIATES, INC.)
128 W SUNSET AVE
APPLETON, WI 54911
(608) 628-0575
WEKOENIG@ATT.NET

CENTURY LINK - COMMUNICATION
STEVE BLADO
333 N FRONT STREET
PO BOX 4800
LACROSSE, WI 54602
608-796-5543
STEVE.BLADO@CENTURYTEL.COM

ALLIANT ENERGY - ELECTRIC
JIM JOHNSRUD
6462 BLANCHARS CROSSING
WINDSOR, WI 53598
(608) 842-1704 OFFICE
(608) 220-5380 CELL
JIMJOHNSRUD@ALLIANTENERGY.COM

MADISON METROPOLITAN SEWERAGE DISTRICT - SEWER
ERIC HJELLEN
1610 MOORLAND ROAD
MADISON, WI 53713
608-222-1202
ERICH@MADSEWER.ORG

MADISON GAS AND ELECTRIC CO - GAS
TIM STATZ
PO BOX 1231
MADISON, WI 53701
608-252-4727
TSTATZ@MGE.COM

WISDOT - COMMUNICATION
JEFF MADSON
433 W ST PAUL AVENUE, STE 300
MILWAUKEE, WI 53203
414-225-3723
JEFFREY.MADSON@DOT.WI.GOV

ATC MANAGEMENT, INC. - ELECTRIC
DOUG VOSBERG
5303 FEN OAK DRIVE
MADISON, WI 53718
(608) 877-7650
DVOSBERG@ATCLLC.COM

VILLAGE OF DEFOREST - WATER
DEANE BAKER
205 DEFOREST ST
DEFOREST, WI 53532
608-846-6751
BAKERD@VI.DEFOREST.WI.US

REGION CONTACT

BOB LEX
2101 WRIGHT STREET
MADISON, WI 53704
608-246-5622
ROBERT.LEX@DOT.WI.GOV

DESIGN CONSULTANT

MICHAEL BAKER INTERNATIONAL
7633 GANSER WAY, STE 206
MADISON, WI 53719

SUSAN BARKER
608-821-8712
SUSAN.BARKER@MBAKERINTL.COM

DNR CONTACT

ERIC HEGGELUND
3911 FISH HATCHERY ROAD
FITCHBURG, WI 53711
608-275-3301

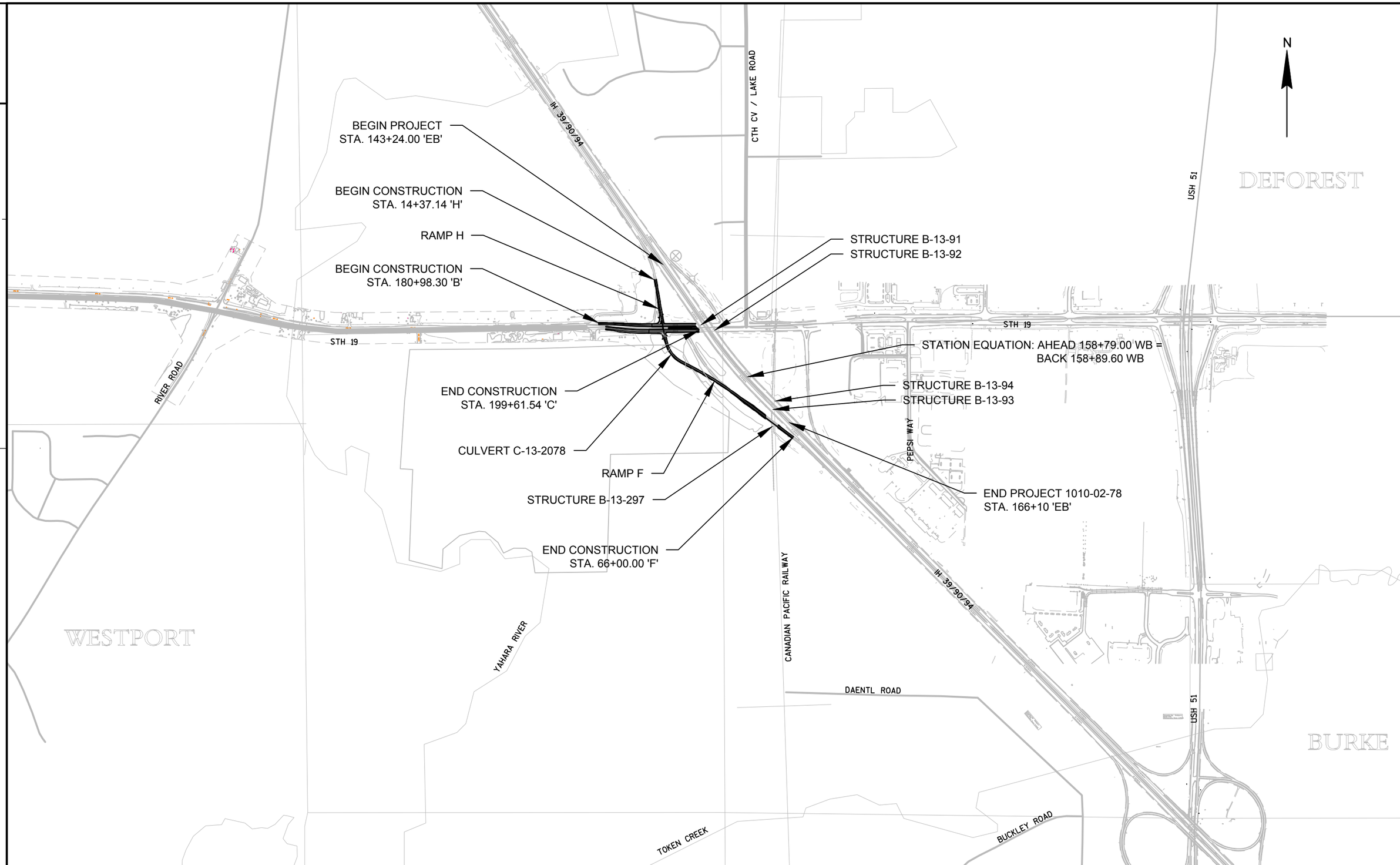
RAILROAD CONTACT

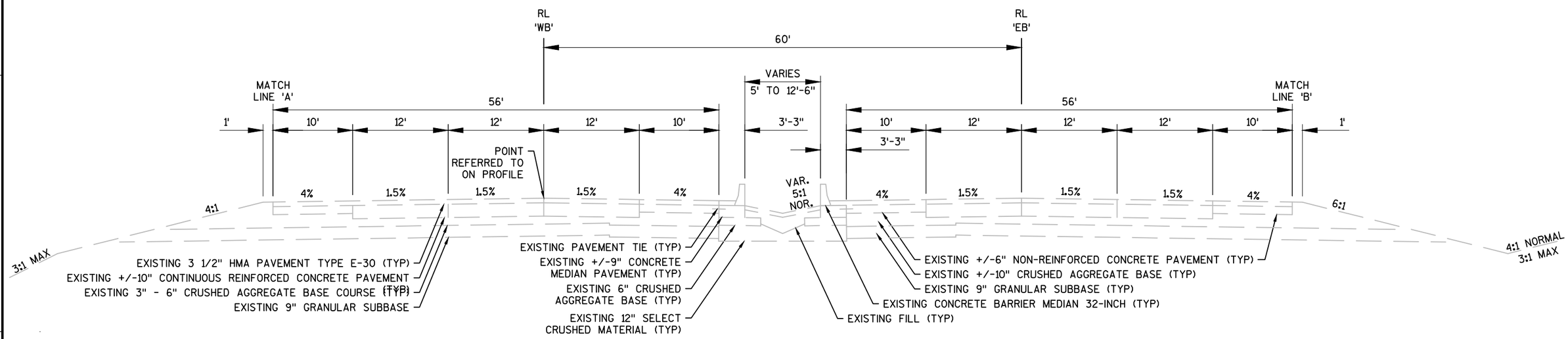
CANADIAN PACIFIC RAILWAY
EDWARD ARTHUR OOM
SUITE 9126,
120 SOUTH SIXTH STREET,
MINNEAPOLIS, MN 55402
(612) 330-4553
OOM0001@CPR.CA.

ORDER OF SECTION 2 SHEETS

PROJECT OVERVIEW
TYPICAL SECTIONS
CONSTRUCTION DETAILS
REMOVAL PLAN DETAILS
INTERSECTIONS
EROSION CONTROL
STORM SEWER
SIGNING
FTMS
TRAFFIC SIGNALS
PAVEMENT MARKING
TRAFFIC CONTROL AND CONSTRUCTION STAGING
DETOUR
ALIGNMENT

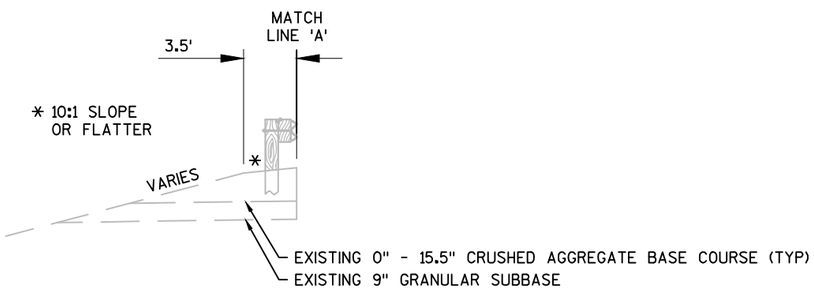
DIGGERS HOTLINE
Dial 811 or (800)242-8511
www.DiggersHotline.com


N
BEGIN PROJECT
STA. 143+24.00 'EB'
BEGIN CONSTRUCTION
STA. 14+37.14 'H'
RAMP H
BEGIN CONSTRUCTION
STA. 180+98.30 'B'
END CONSTRUCTION
STA. 199+61.54 'C'
CULVERT C-13-2078
RAMP F
STRUCTURE B-13-297
END CONSTRUCTION
STA. 66+00.00 'F'
STRUCTURE B-13-91
STRUCTURE B-13-92
STATION EQUATION: AHEAD 158+79.00 WB =
BACK 158+89.60 WB
STRUCTURE B-13-94
STRUCTURE B-13-93
END PROJECT 1010-02-78
STA. 166+10 'EB'
IH 39/90/94
CTH CV / LAKE ROAD
USH 51
DEFOREST
STH 19
RIVER ROAD
PEPSI WAY
WESTPORT
YAHARA RIVER
CANADIAN PACIFIC RAILWAY
DAENTL ROAD
BURKE
TOKEN CREEK
BUCKLEY ROAD



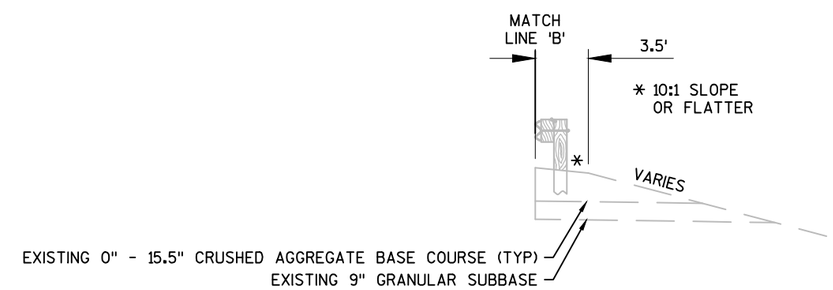
TYPICAL EXISTING SECTION - IH 39

STA 143+24.00 'EB' TO STA 166+10.00 'EB'
STA 145+00.00 'WB' TO STA 165+00.00 'WB'



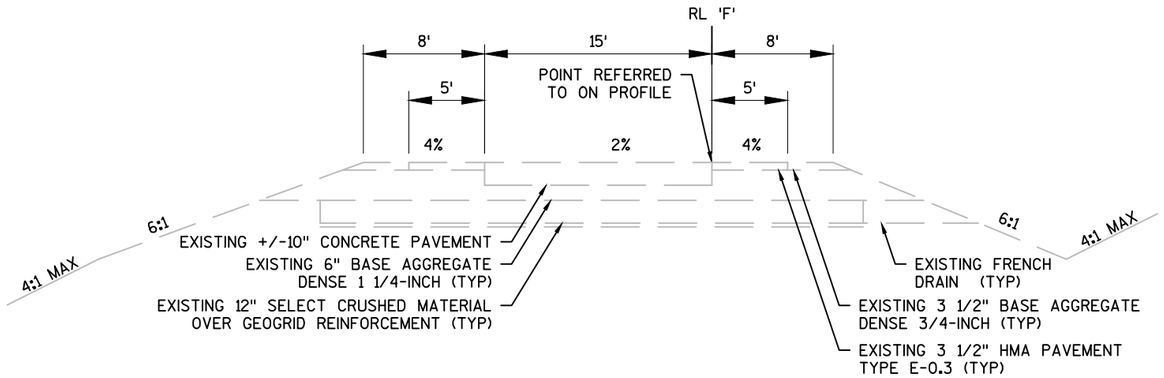
EXISTING PARTIAL SECTION - IH 39

STA 151+11.70 'WB' TO STA 159+33.90 'WB'
STA 161+28.30 'WB' TO STA 165+00.00 'WB'



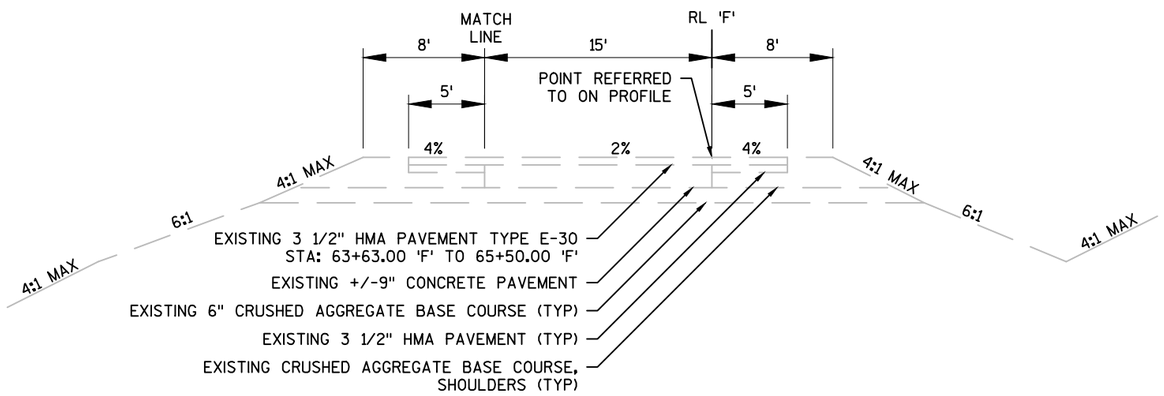
EXISTING PARTIAL SECTION - IH 39

STA 145+83.50 'EB' TO STA 148+01.20 'EB'
STA 150+23.10 'EB' TO STA 160+56.90 'EB'



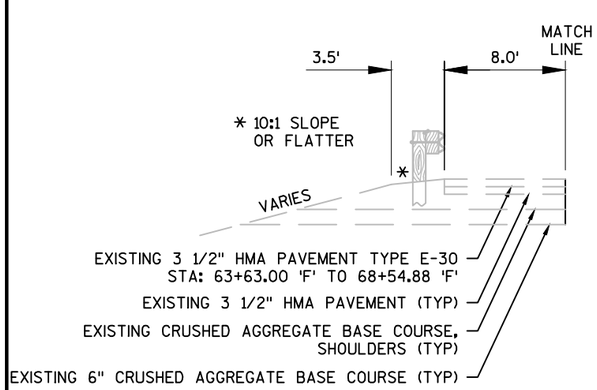
TYPICAL EXISTING SECTION - RAMP F

STA 45+94.15 'F' TO STA 61+15.00 'F'



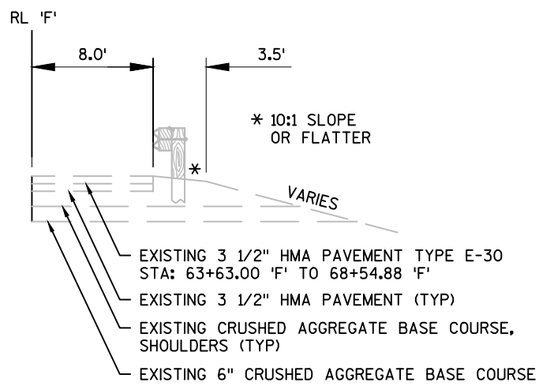
TYPICAL EXISTING SECTION - RAMP F

STA 61+15.00 'F' TO STA 66+00.00 'F'



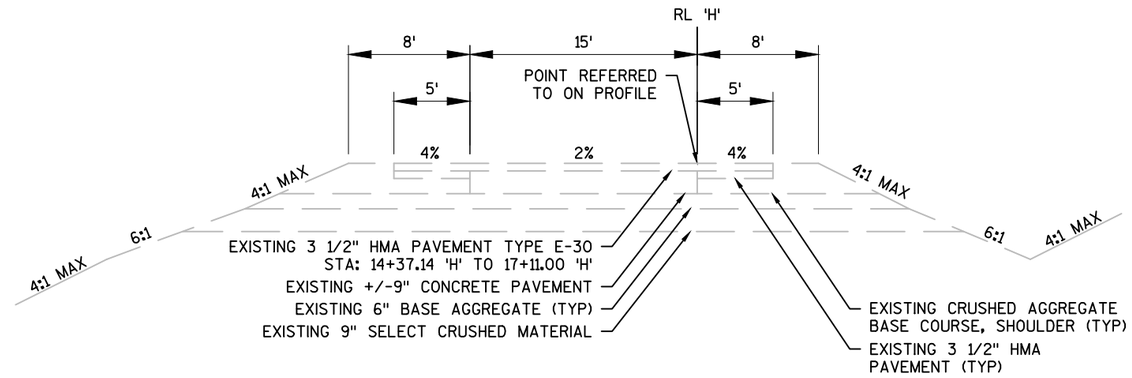
EXISTING PARTIAL SECTION - RAMP F

STA 59+85.00 'F' TO STA 61+43.30 'F'



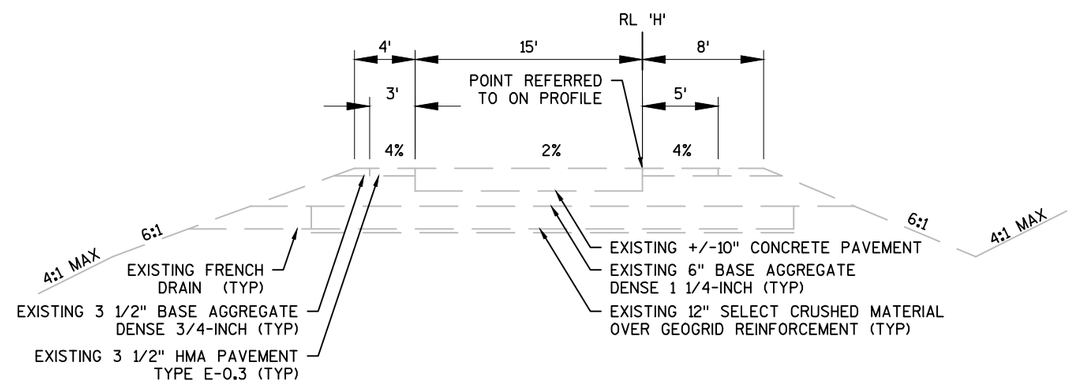
EXISTING PARTIAL SECTION - RAMP F

STA 58+83.50 'F' TO STA 61+66.17 'F'
STA 63+57.60 'F' TO STA 66+00.00 'F'



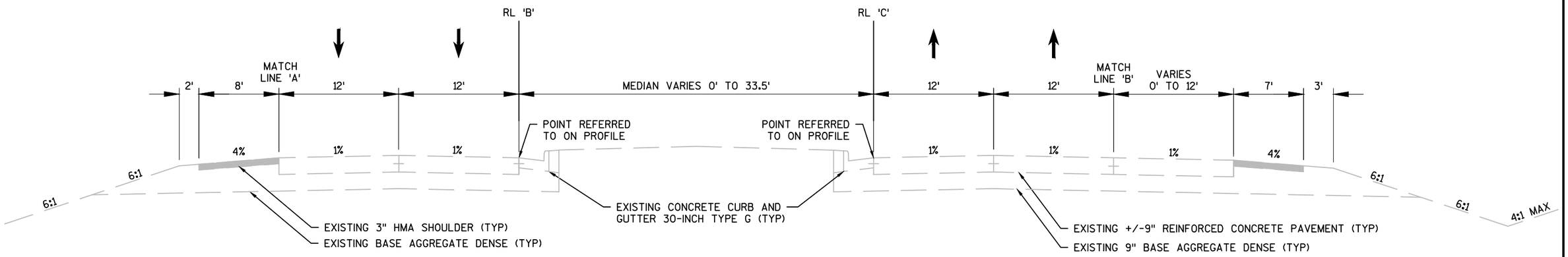
TYPICAL EXISTING SECTION - RAMP H

STA 14+37.14 'H' TO STA 19+06.00 'H'



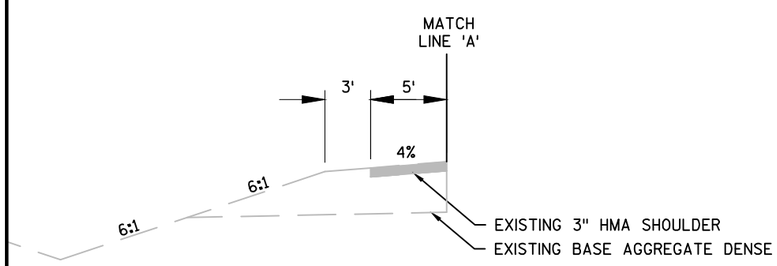
TYPICAL EXISTING SECTION - RAMP H

STA 19+06.00 'H' TO STA 20+06.78 'H'



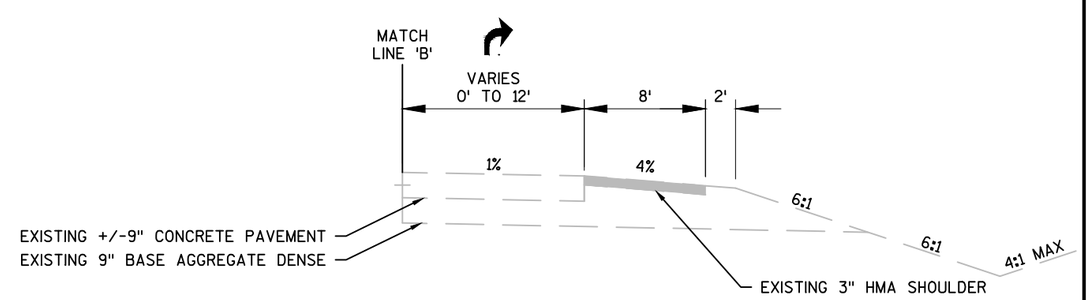
TYPICAL EXISTING SECTION - STH 19

STA 180+98.30 'B' TO STA 195+00 'B'
STA 189+13.15 'C' TO STA 195+50 'C'



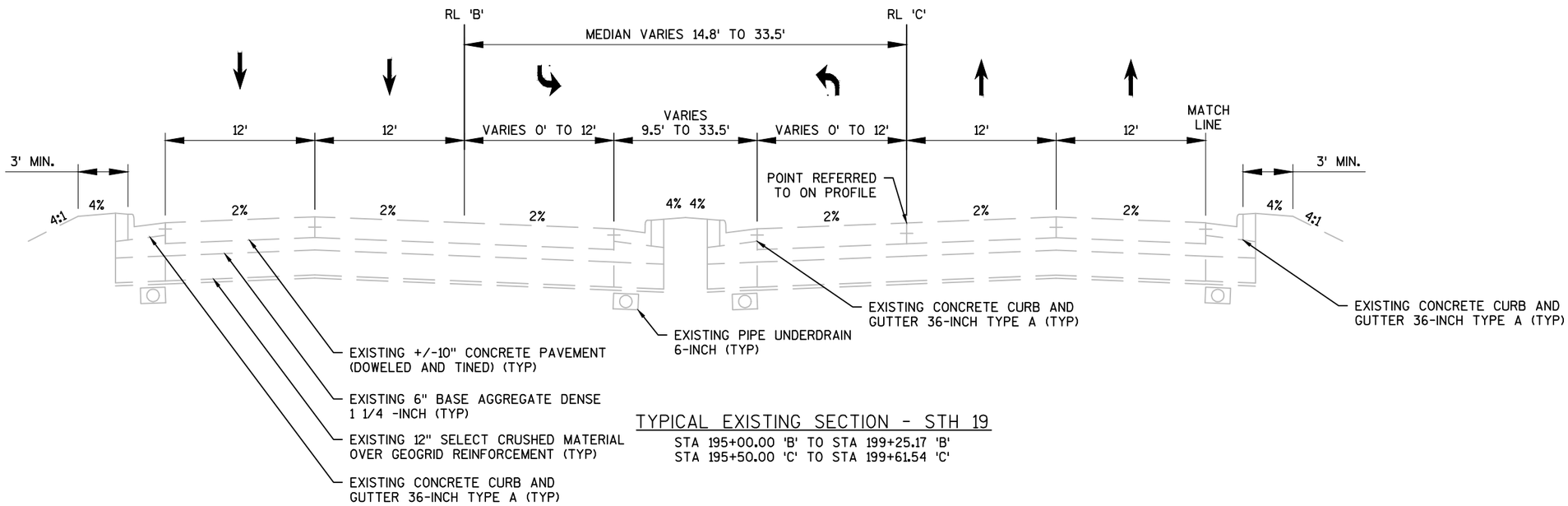
EXISTING PARTIAL SECTION - WB STH 19

STA 193+02.00 'B' TO STA 194+57.00 'B'



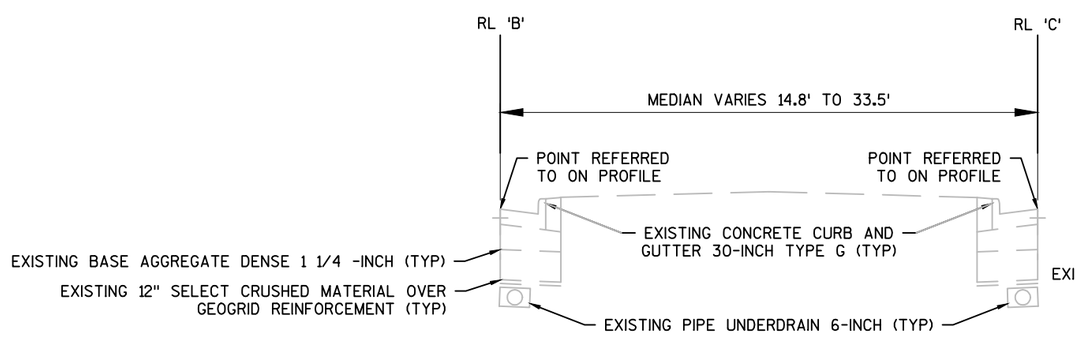
EXISTING PARTIAL SECTION - EB STH 19

STA 192+62.00 'C' TO STA 195+50.00 'C'



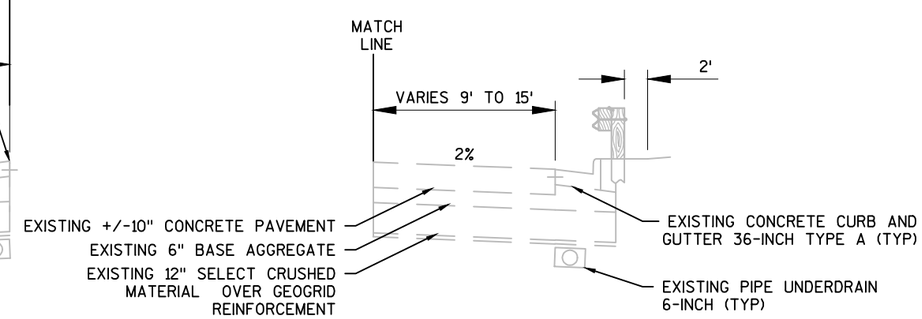
TYPICAL EXISTING SECTION - STH 19

STA 195+00.00 'B' TO STA 199+25.17 'B'
STA 195+50.00 'C' TO STA 199+61.54 'C'



EXISTING PARTIAL SECTION - STH 19

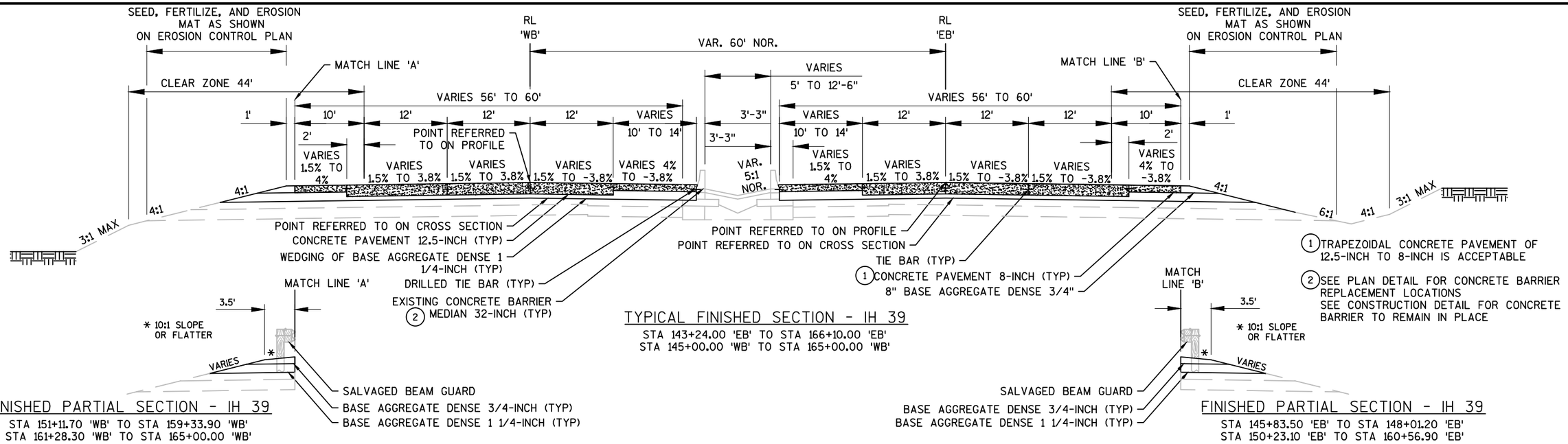
STA 195+00.00 'B' TO STA 196+00.00 'B'
STA 195+50.00 'C' TO STA 196+00.00 'C'



EXISTING PARTIAL SECTION - EB STH 19

STA 198+50.40 'C' TO STA 199+10.70 'C'

PROJECT NO:1010-02-78	HWY:IH 39	COUNTY:DANE	PLAN: TYPICAL SECTIONS	SHEET	E



TYPICAL FINISHED SECTION - IH 39

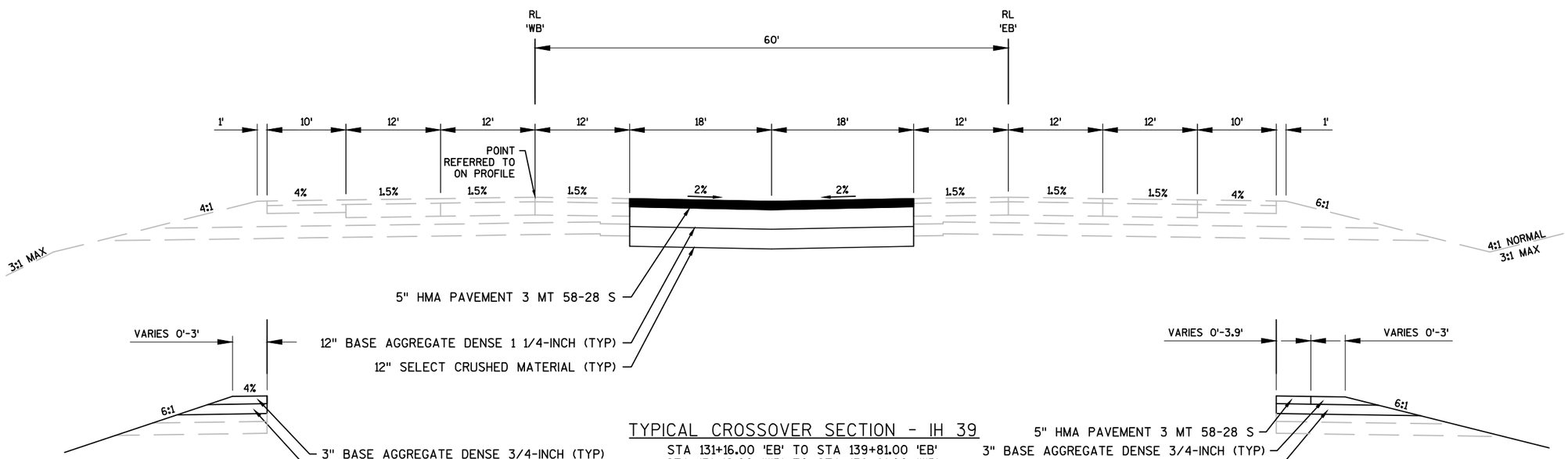
STA 143+24.00 'EB' TO STA 166+10.00 'EB'
STA 145+00.00 'WB' TO STA 165+00.00 'WB'

FINISHED PARTIAL SECTION - IH 39

STA 151+11.70 'WB' TO STA 159+33.90 'WB'
STA 161+28.30 'WB' TO STA 165+00.00 'WB'

FINISHED PARTIAL SECTION - IH 39

STA 145+83.50 'EB' TO STA 148+01.20 'EB'
STA 150+23.10 'EB' TO STA 160+56.90 'EB'



TYPICAL CROSSOVER SECTION - IH 39

STA 131+16.00 'EB' TO STA 139+81.00 'EB'
STA 131+16.00 'WB' TO STA 139+81.00 'WB'
STA 169+52.00 'EB' TO STA 178+80.00 'EB'
STA 169+52.00 'WB' TO STA 178+80.00 'WB'

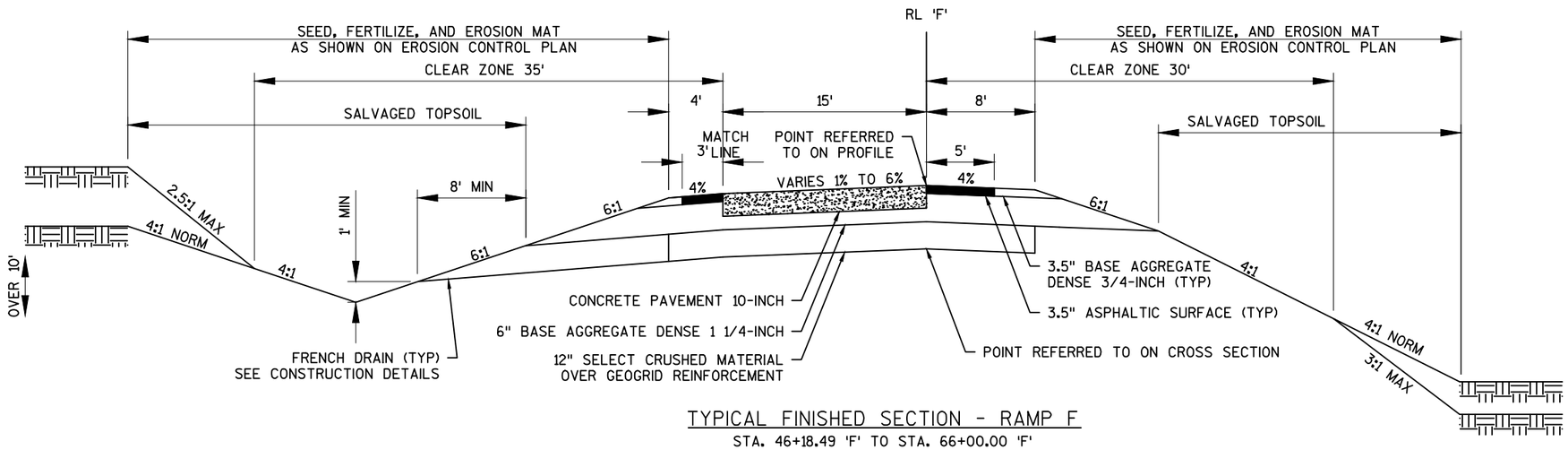
FINISHED PARTIAL SECTION - IH 39

STA 128+92 'WB' TO STA 139+44 'WB'

FINISHED PARTIAL SECTION - IH 39

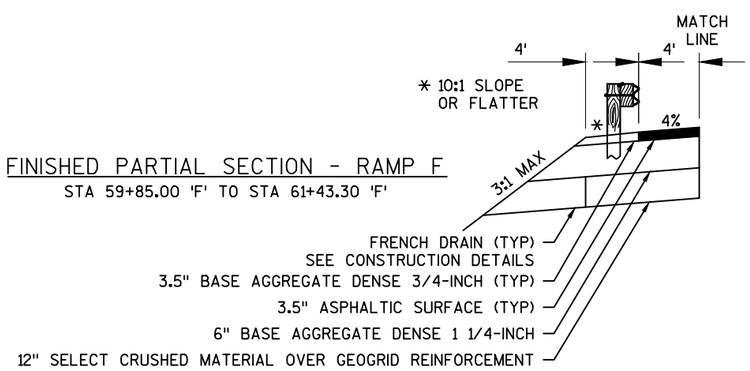
STA 167+96 'EB' TO STA 181+66 'EB'

PROJECT NO:1010-02-78	HWY:IH 39	COUNTY:DANE	PLAN: TYPICAL SECTIONS	SHEET	E



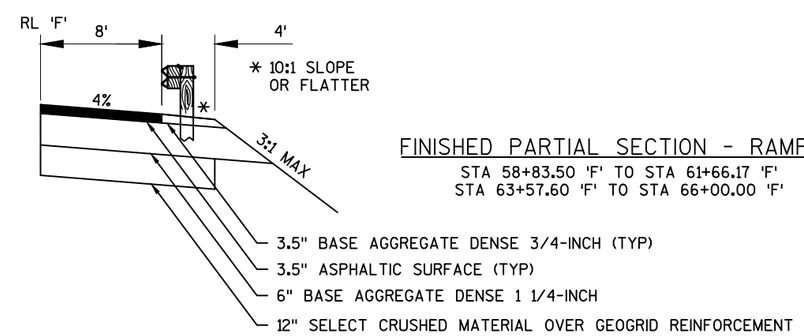
TYPICAL FINISHED SECTION - RAMP F

STA. 46+18.49 'F' TO STA. 66+00.00 'F'



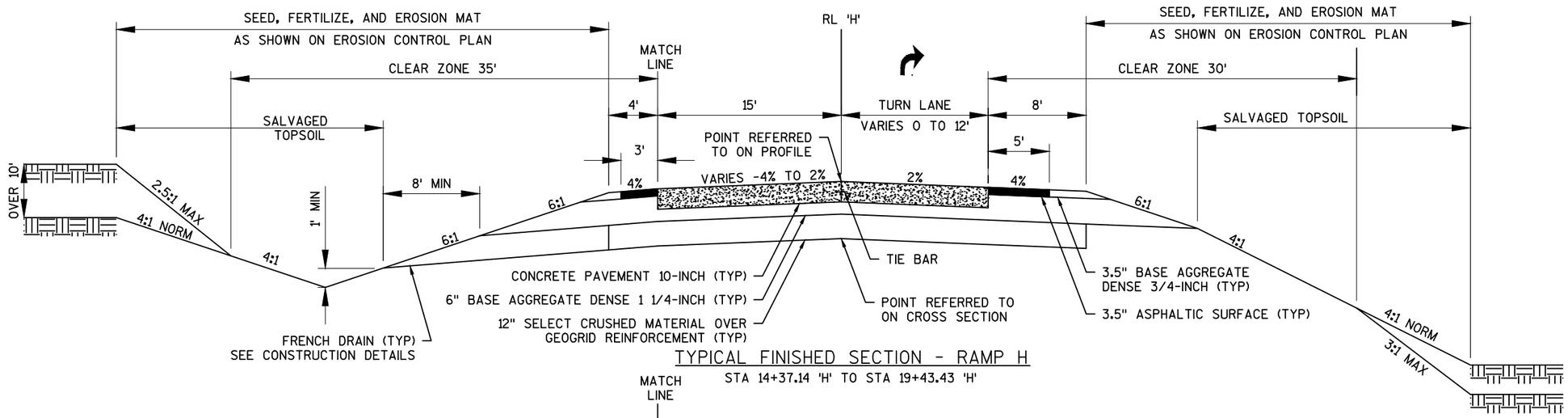
FINISHED PARTIAL SECTION - RAMP F

STA 59+85.00 'F' TO STA 61+43.30 'F'



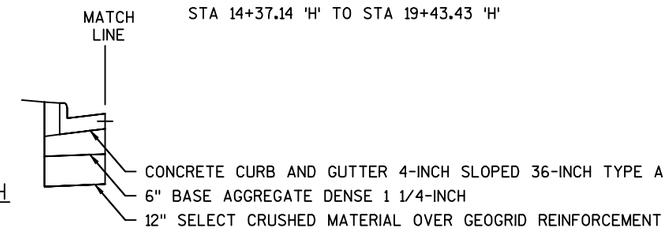
FINISHED PARTIAL SECTION - RAMP F

STA 58+83.50 'F' TO STA 61+66.17 'F'
STA 63+57.60 'F' TO STA 66+00.00 'F'



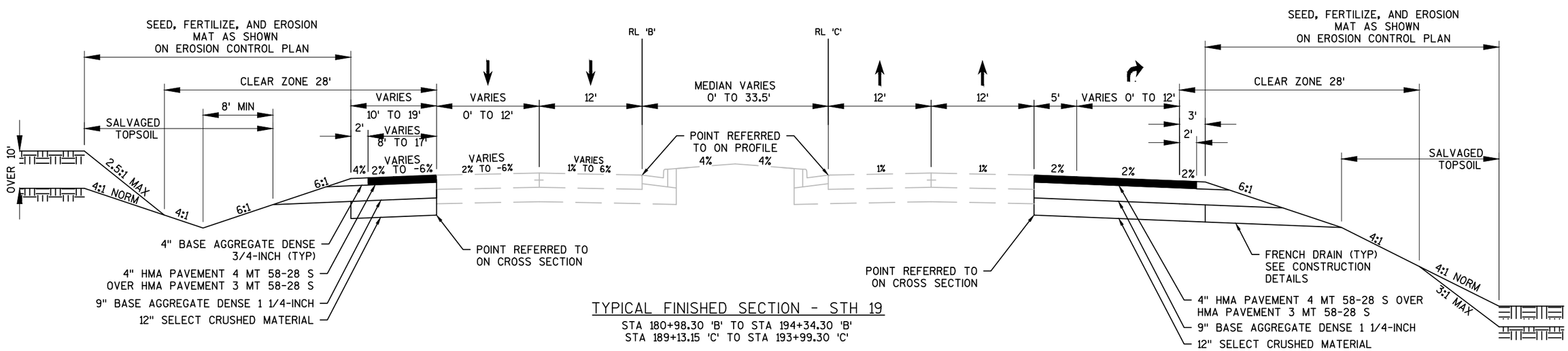
TYPICAL FINISHED SECTION - RAMP H

STA 14+37.14 'H' TO STA 19+43.43 'H'



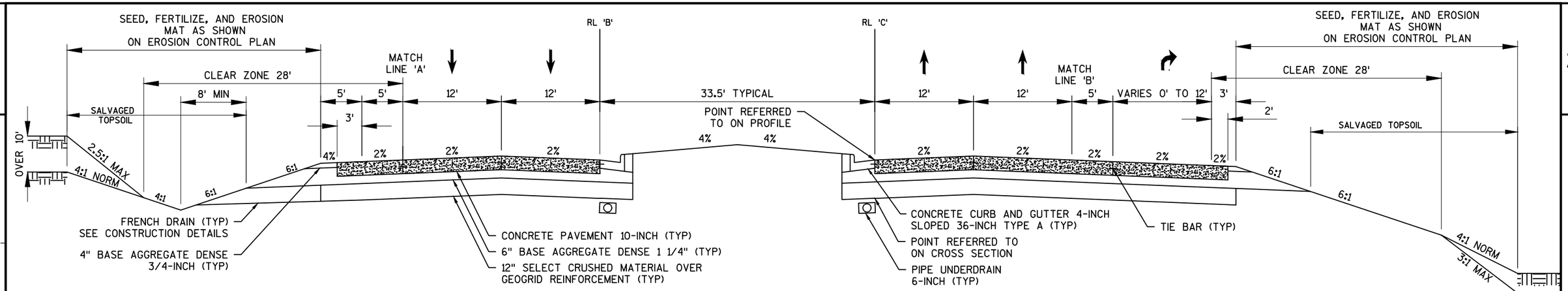
FINISHED PARTIAL SECTION - RAMP H

STA 18+57.57 'H' TO STA 19+28.95 'H'



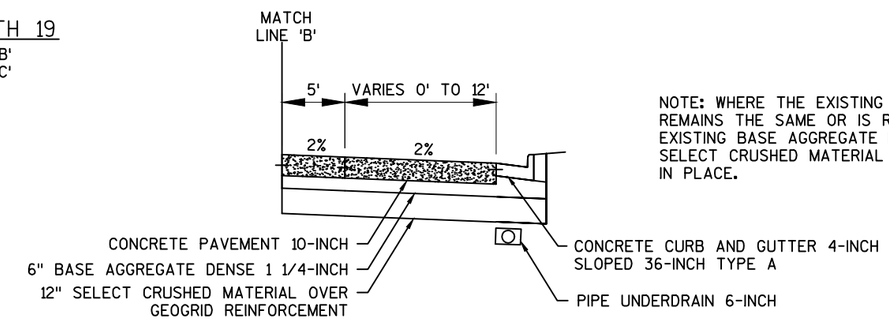
TYPICAL FINISHED SECTION - STH 19

STA 180+98.30 'B' TO STA 194+34.30 'B'
STA 189+13.15 'C' TO STA 193+99.30 'C'



TYPICAL FINISHED SECTION - STH 19

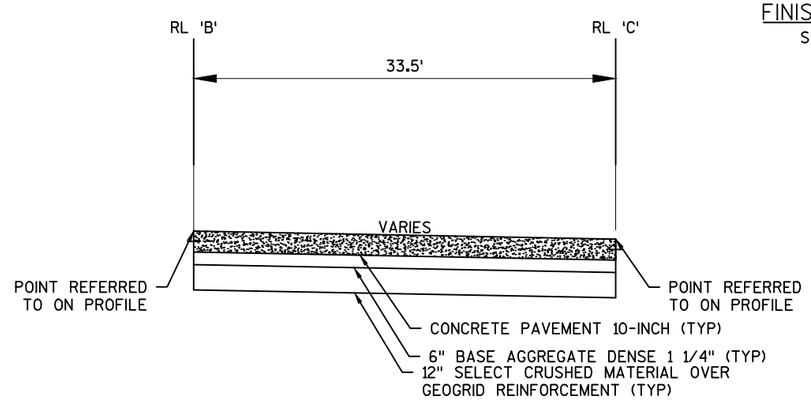
STA 194+34.30 'B' TO STA 195+00.00 'B'
STA 193+99.30 'C' TO STA 195+50.00 'C'



NOTE: WHERE THE EXISTING PROFILE REMAINS THE SAME OR IS RAISED, EXISTING BASE AGGREGATE DENSE AND SELECT CRUSHED MATERIAL CAN REMAIN IN PLACE.

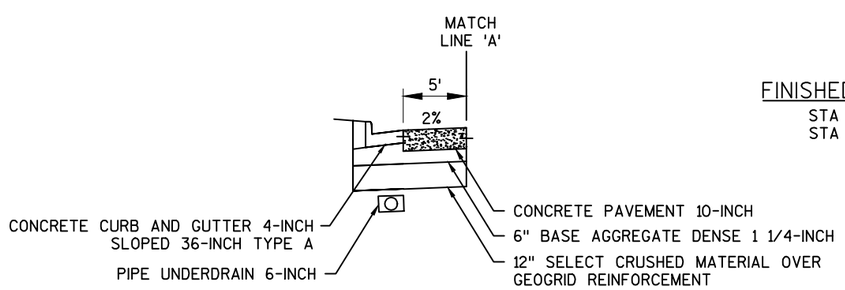
FINISHED PARTIAL SECTION - STH 19

STA 194+95.00 'C' TO STA 195+50.00 'C'



FINISHED PARTIAL SECTION - STH 19

STA 195+50.00 'B' TO STA 195+97.61 'B'
STA 195+54.00 'C' TO STA 195+97.61 'C'

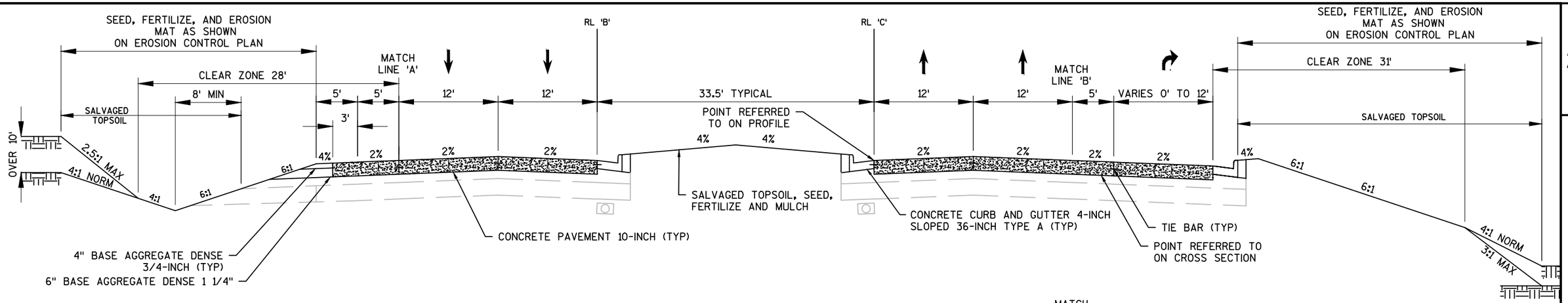


FINISHED PARTIAL SECTION - STH 19

STA 194+73.33 'B' TO STA 195+00 'B'

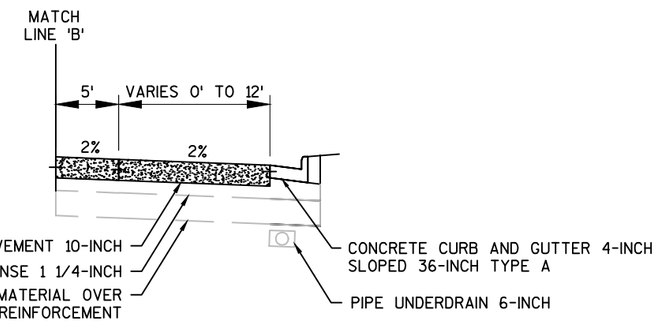
PROJECT NO:1010-02-78	HWY:IH 39	COUNTY:DANE	PLAN: TYPICAL SECTIONS	SHEET	E

2



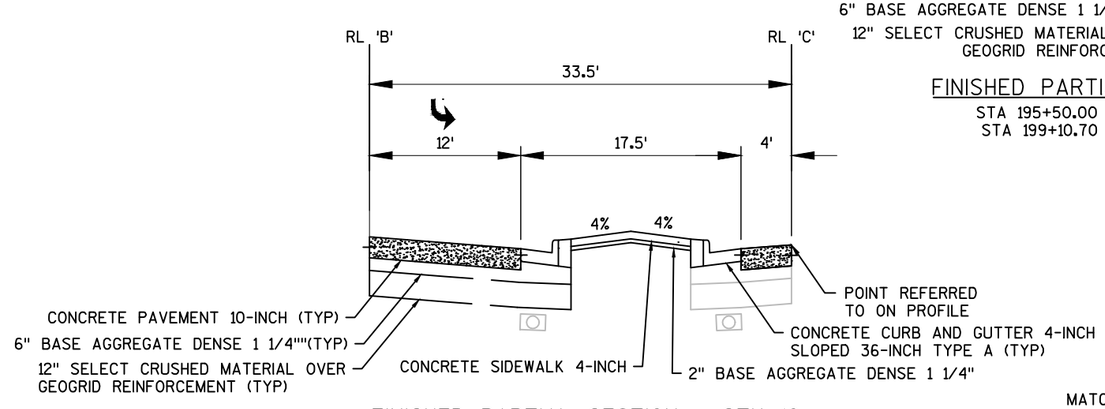
TYPICAL FINISHED SECTION - STH 19

STA 195+00.00 'B' TO STA 199+25.17 'B'
STA 195+50.00 'C' TO STA 199+61.54 'C'



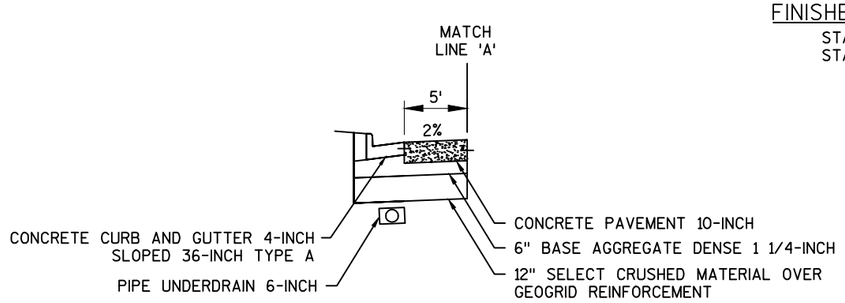
FINISHED PARTIAL SECTION - STH 19

STA 195+50.00 'C' TO STA 198+50.40 'C'
STA 199+10.70 'C' TO STA 199+61.54 'C'



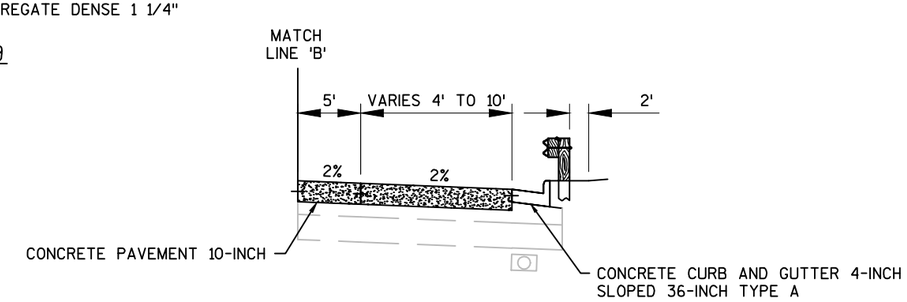
FINISHED PARTIAL SECTION - STH 19

STA 196+16.25 'B' TO STA 198+81.08 'B'
STA 196+16.25 'C' TO STA 198+81.08 'C'



FINISHED PARTIAL SECTION - STH 19

STA 195+00 'B' TO STA 199+25.17 'B'

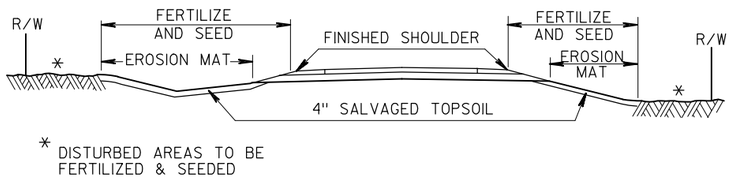


FINISHED PARTIAL SECTION - STH 19

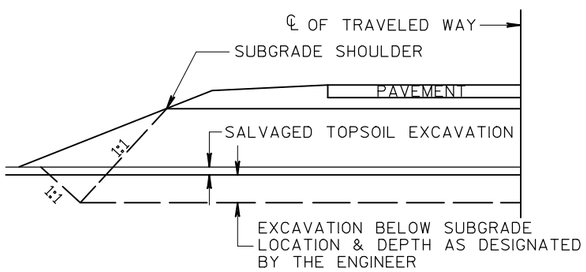
STA 198+50.40 'C' TO STA 199+10.70 'C'

2

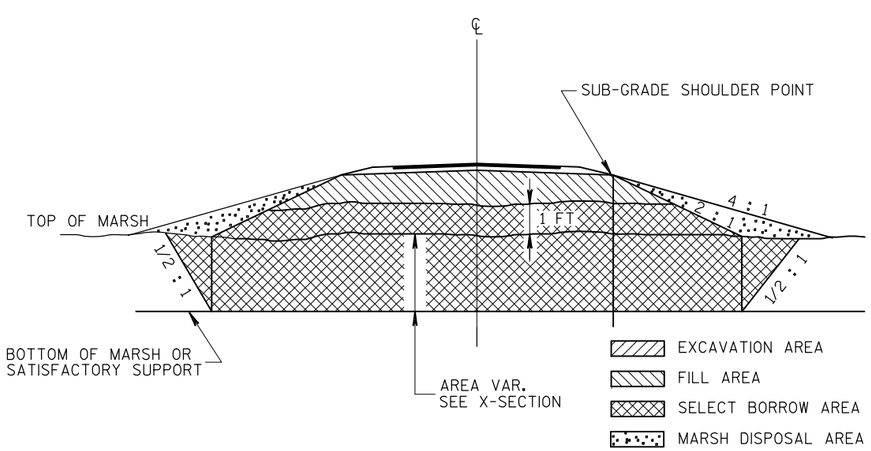
PROJECT NO:1010-02-78	HWY:IH 39	COUNTY:DANE	PLAN: TYPICAL SECTIONS	SHEET	E



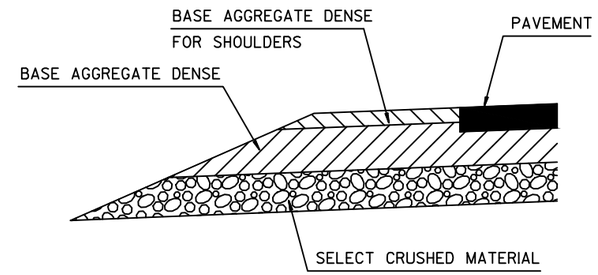
DETAIL FOR FINISHING ITEMS



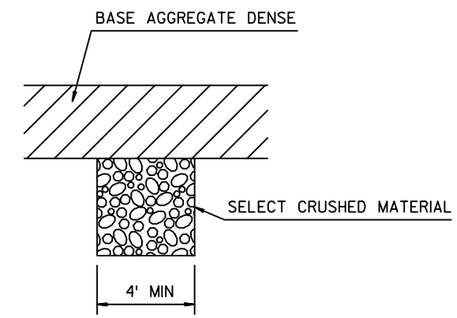
DETAIL FOR EXCAVATION BELOW SUBGRADE



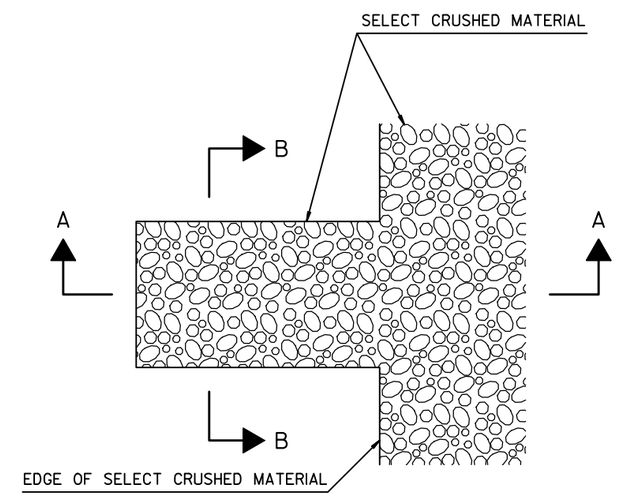
TYPICAL MARSH EXCAVATION SECTION



SECTION A-A



SECTION B-B



DETAIL FOR FRENCH DRAINS

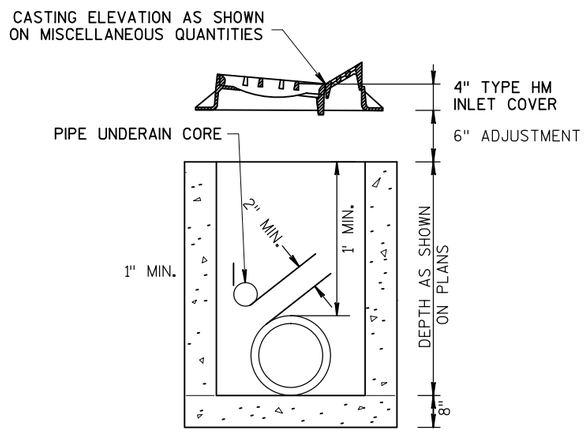
DRAINS ARE TO BE CONSTRUCTED AT LEAST EVERY 250' AND AT EACH SAG VERTICAL CURVE IN THE PROFILE.

LOCATIONS TO BE DETERMINED IN THE FIELD BY THE ENGINEER.

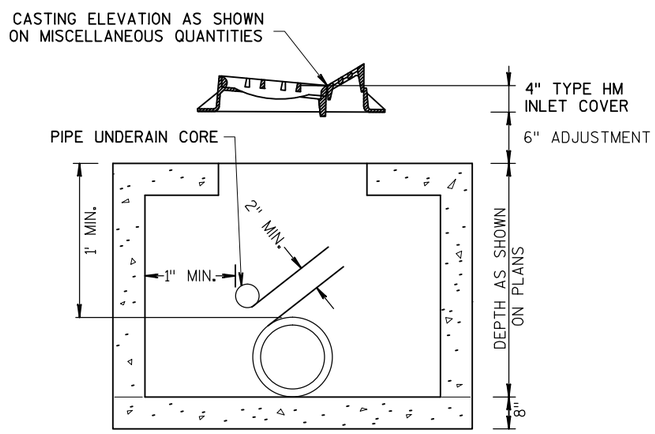
EXCAVATION REQUIRED TO CONSTRUCT FRENCH DRAINS SHALL BE CONSIDERED INCIDENTAL TO THE ITEM SELECT CRUSHED MATERIAL.

DO NOT COVER SELECT CRUSHED WITH TOPSOIL

2

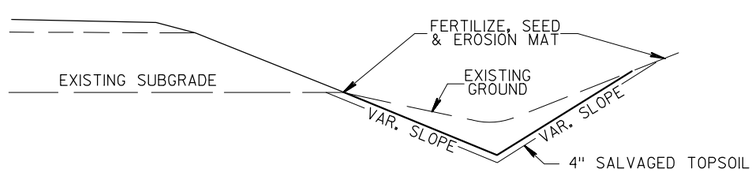


INLETS 2.5 x 3 FT

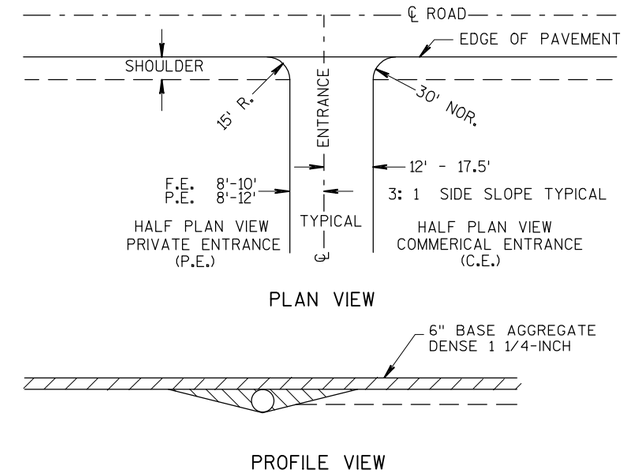


INLETS 4 FT DIAMETER

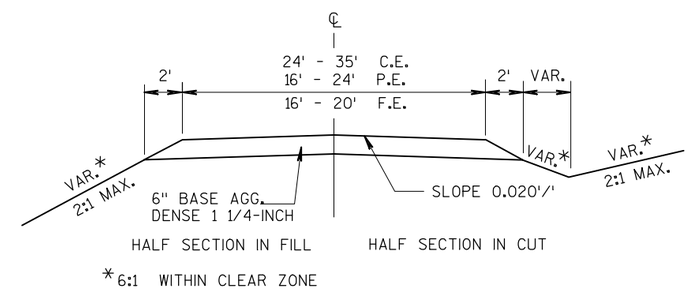
DETAIL FOR COMPUTING INLET ELEVATIONS



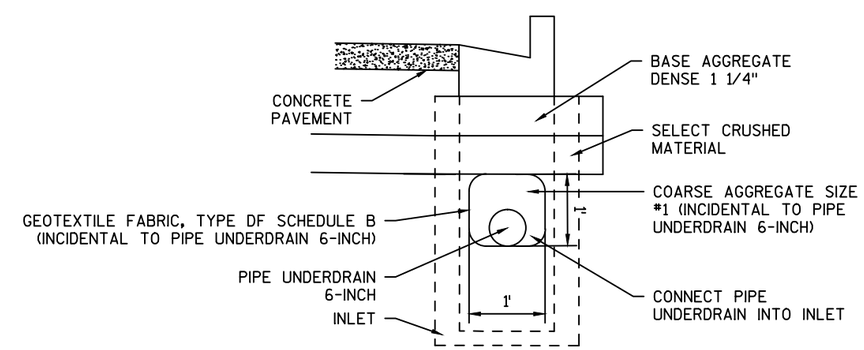
DITCH SHAPING DETAIL



RURAL DRIVEWAY DETAIL



TYPICAL SECTION FOR
PRIVATE ENTRANCES

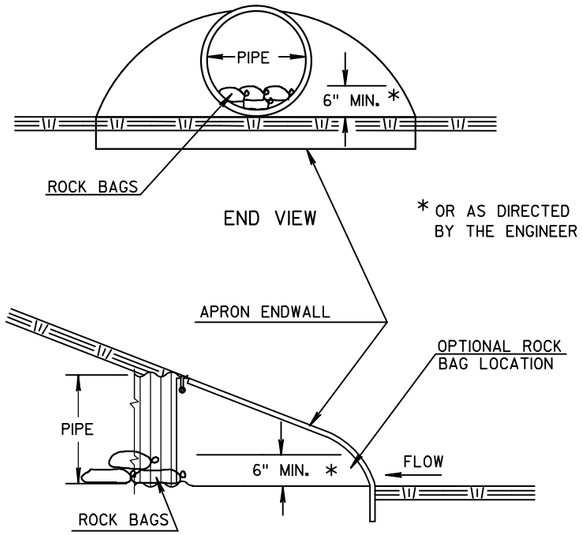


NOTE: PAYMENT FOR UNDERDRAIN CORE HOLES IS
INCIDENTAL TO STORM SEWER STRUCTURE BID ITEM.

DETAIL FOR PIPE UNDERDRAIN
STA 193+99.30'C' TO STA 199+61.54'C'
STA 194+34.30'B' TO STA 199+25.11'B'

2

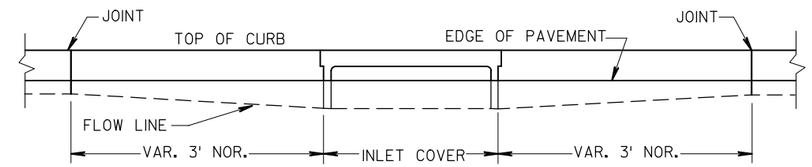
PROJECT NO:1010-02-78	HWY:IH 39	COUNTY:DANE	PLAN: CONSTRUCTION DETAILS	SHEET	E



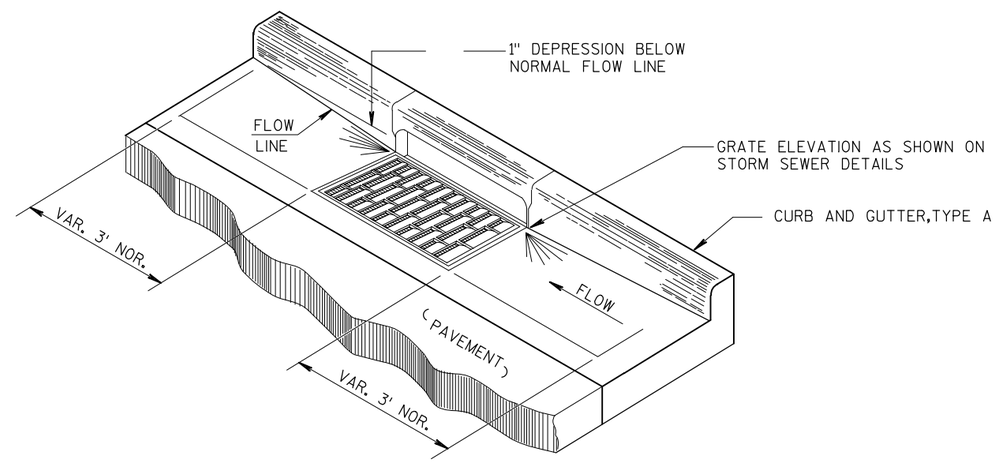
ESTIMATED BAG SIZE - 18" X 12" X 6"	
PIPE SIZE	ESTIMATED NO. OF BAGS
12"	1
15"	2
18"	2
21"	3
14" X 23"	3
24"	3
27"	4
30"	5
19" X 30"	5
36"	7
24" X 38"	8
42"	8
29" X 45"	10
48"	10
34" X 53"	10
38" X 60"	13
60"	13
66"	15
53" X 83"	19

CULVERT PIPE CHECK

SEE EROSION CONTROL SHEETS FOR LOCATIONS

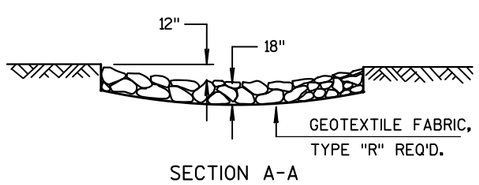


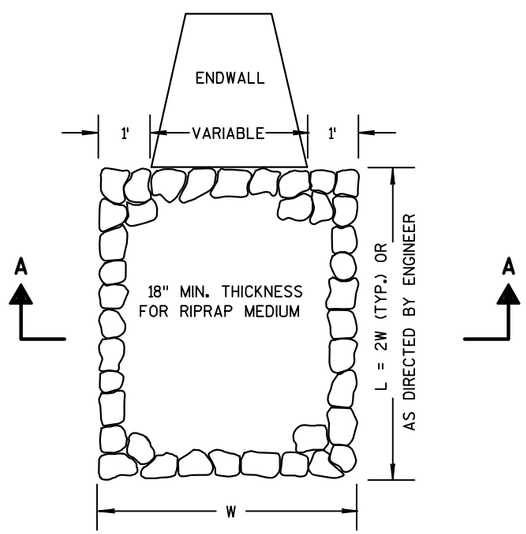
ELEVATION



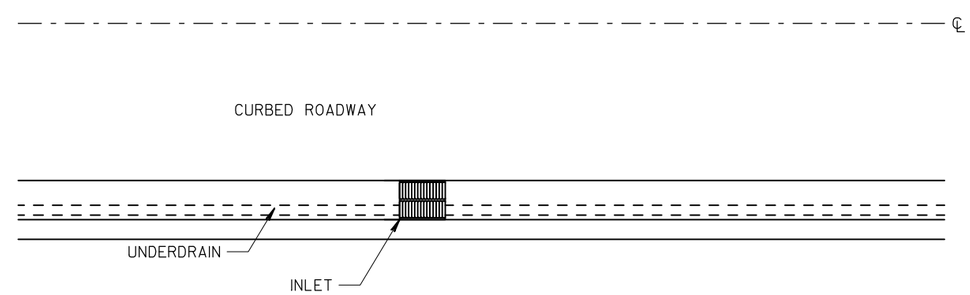
DETAIL FOR CURB AND GUTTER AT INLETS

(TYPE H INLET SHOWN)

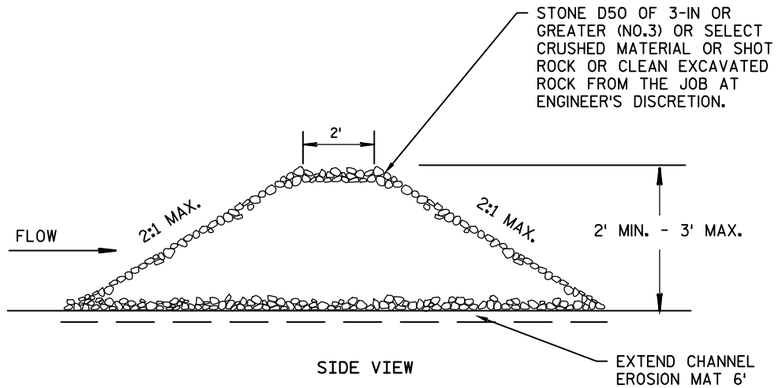




RIPRAP MEDIUM TREATMENT AT CULVERTS

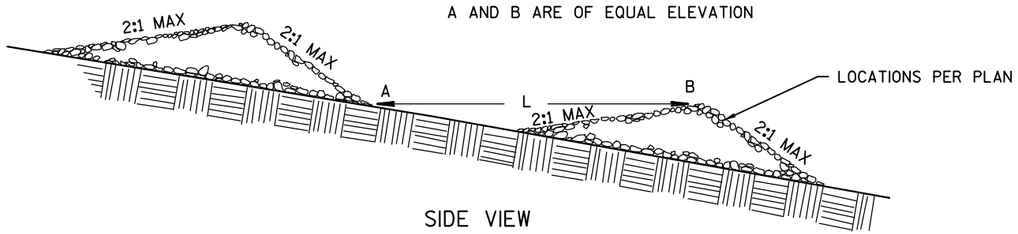


PIPE UNDERDRAIN CONNECT TO INLET STRUCTURE DETAIL



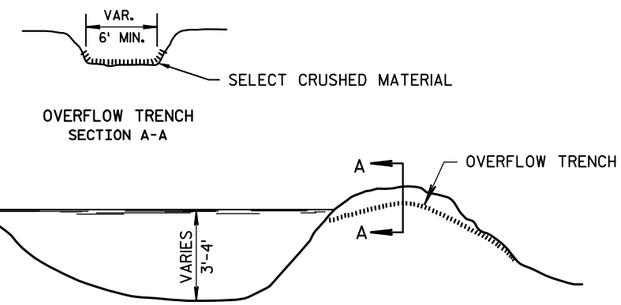
SIDE VIEW

L = THE DISTANCE SUCH THAT POINTS A AND B ARE OF EQUAL ELEVATION



SIDE VIEW

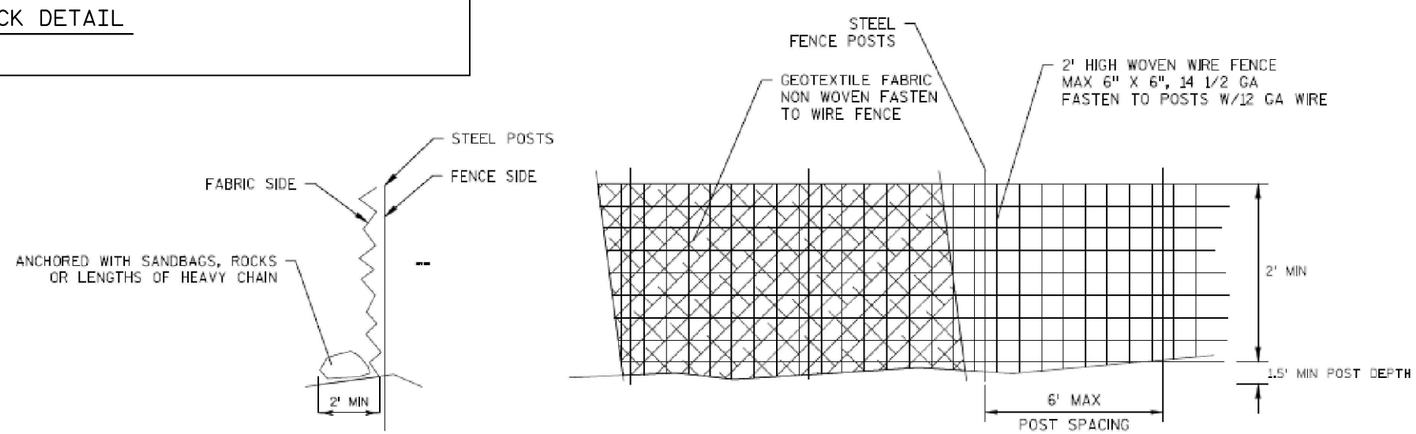
TEMPORARY STONE DITCH CHECK DETAIL



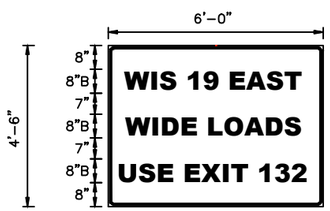
NOTE: EXCAVATION AND BACKFILL FOR SEDIMENT BASIN TO BE PAID FOR UNDER "UNCLASSIFIED EXCAVATION" ITEM. (EXACT DIMENSIONS TO BE AS DIRECTED BY THE ENGINEER.)

CLEANING OF SEDIMENT BASINS, WHEN DIRECTED BY THE ENGINEER, IS PAID FOR UNDER THE ITEM OF "CLEANING SEDIMENT BASINS" (C.Y.)

TEMPORARY SEDIMENT BASIN AND OUTLET DETAIL

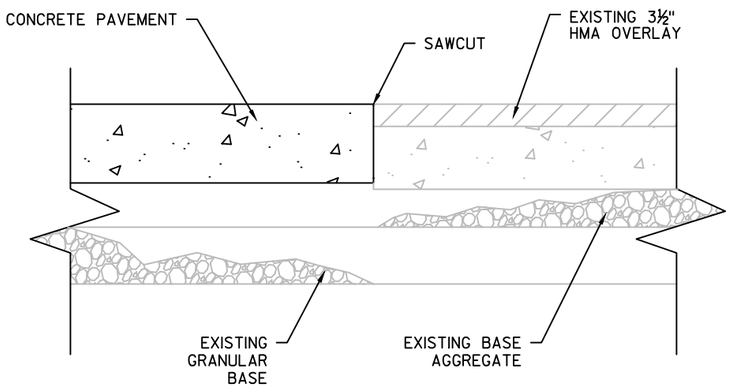


HEAVY DUTY SILT FENCE



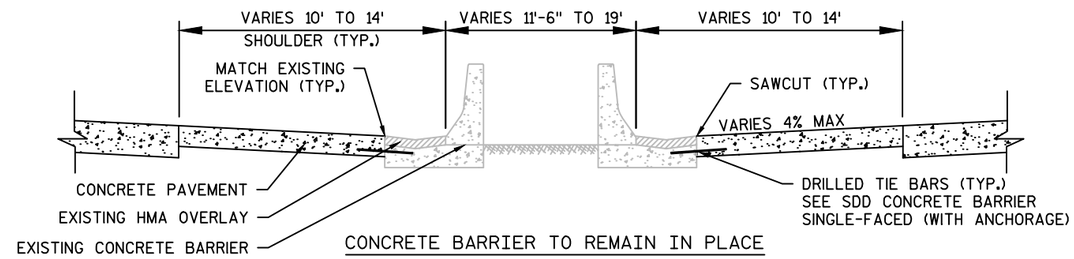
1. 1.25" BORDER WITH 6" RADIUS ON CORNERS
2. COLOR:
   ORANGE REFLECTORIZED BACKGROUND
   BLACK REFLECTORIZED LEGEND AND BORDERS
3. MESSAGE SERIES – B

TRAFFIC CONTROL SIGN FIXED MESSAGE



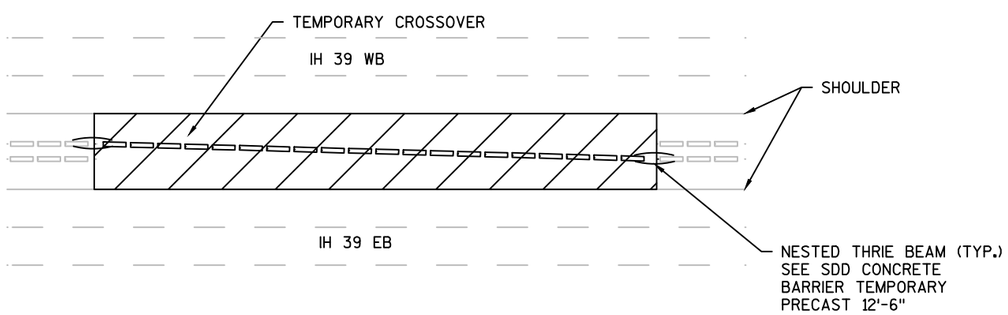
DETAIL OF CONSTRUCTION JOINT

IH 39, RAMP F, RAMP H



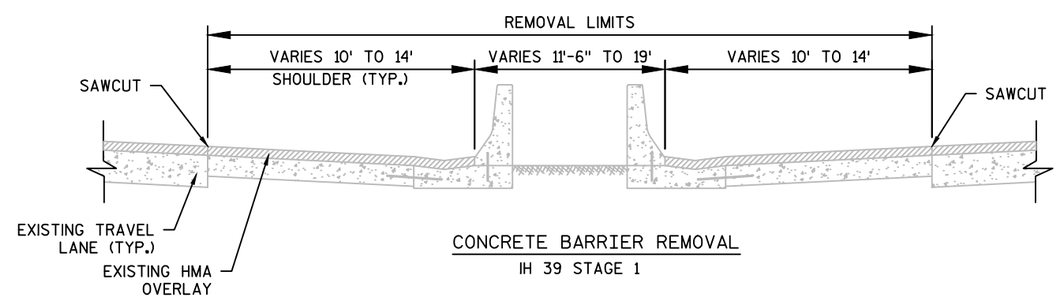
CONCRETE BARRIER TO REMAIN IN PLACE

STA. 143+24 EB TO STA. 146+03 EB
STA. 147+01 EB TO STA. 148+40 EB
STA. 150+62 EB TO STA. 160+05 EB
STA. 162+89 EB TO STA. 166+10 EB
STA. 145+00 WB TO STA. 148+51 WB
STA. 150+73 WB TO STA. 151+43 WB
STA. 153+65 WB TO STA. 156+52 WB
STA. 161+80 WB TO STA. 165+00 WB



CONCRETE BARRIER TEMPORARY PRECAST LAYOUT

BETWEEN IH 39 STAGE 1 AND STAGE 2
BETWEEN IH 39 STAGE 2 AND STAGE 3
FINAL CONDITION
STA. 131+16 WB TO STA. 139+81 EB
STA. 169+52 WB TO STA. 178+80 EB



CONCRETE BARRIER REMOVAL

IH 39 STAGE 1

CONCRETE BARRIER SINGLE FACED AT CROSSOVERS

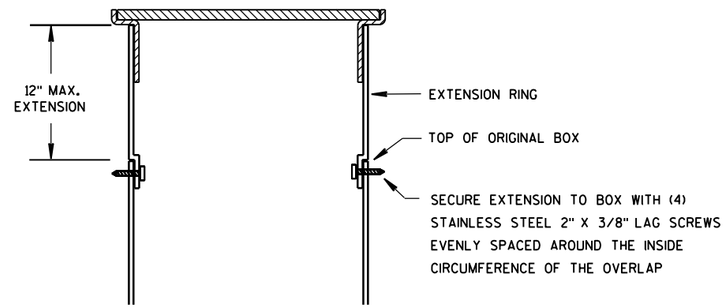
STA. 131+16 EB TO STA. 139+81 EB
STA. 131+16 WB TO STA. 139+81 WB
STA. 169+52 EB TO STA. 178+80 EB
STA. 169+52 WB TO STA. 178+80 WB

TABLE OF NOMINAL DIMENSIONS AND WEIGHTS

DIMENSION IN INCHES		NON-CONDUCTIVE PULL BOX	
BOX DIAMETER ** (INSIDE)	A	24	24
BOX DIAMETER ** (OUTSIDE)	B	25	25
BOX LENGTH	C	36	42
COVER	D	25 1/2	25 1/2
FRAME	E	27	27
FRAME	F	25 3/4	25 3/4
FRAME	G	22 1/2	22 1/2
WEIGHT IN POUNDS *			
COVER		50	50

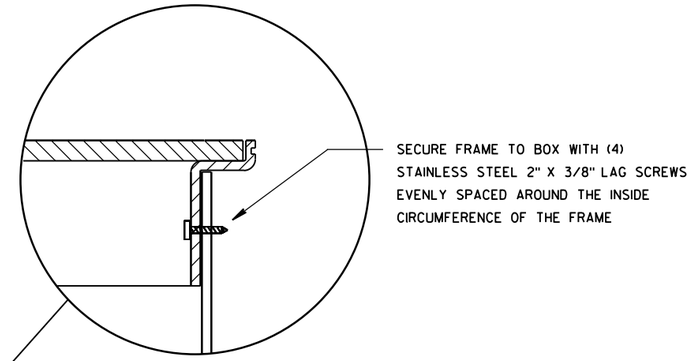
* THE ACTUAL WEIGHT OF THE COVER MAY VARY NOT TO EXCEED 100 LBS.

** DIAMETER VARIES FROM TOP TO BOTTOM WITH THE DIAMETER LARGER AT THE BOTTOM TO PREVENT FROST HEAVE

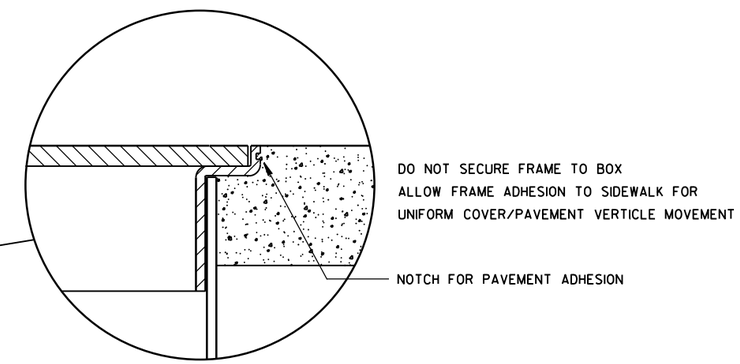


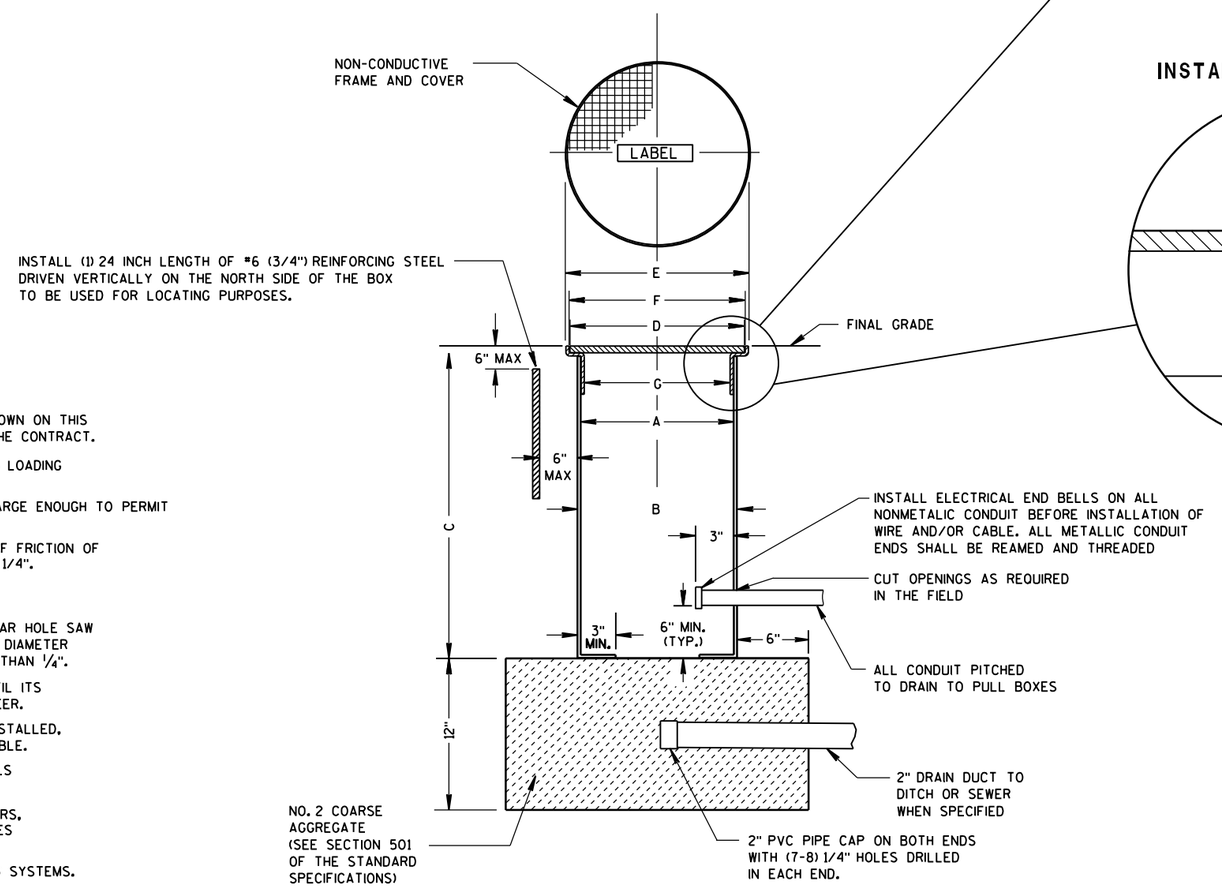
BOX EXTENSION

INSTALLED IN SOD OR CRUSHED AGGREGATE



INSTALLED IN SIDEWALK





NON-CONDUCTIVE PULL BOX

GENERAL NOTES

DETAILS OF CONSTRUCTION, MATERIALS AND WORKMANSHIP NOT SHOWN ON THIS DRAWING SHALL CONFORM TO THE PERTINENT REQUIREMENTS OF THE CONTRACT.

ALL BOXES, FRAMES AND COVERS SHALL BE SUITABLE FOR TIER 15 LOADING AS SPECIFIED IN ANSI/SCTE 77.

PROVIDE AN OPENING FOR TOOL ASSISTED COVER REMOVAL NOT LARGE ENOUGH TO PERMIT PASSAGE OF A SPHERE MORE THAN 1/2" DIAMETER

ENSURE COVER SURFACE IS SKID RESISTANT WITH A COEFFICIENT OF FRICTION OF AT LEAST 0.5 AND VERTICAL SURFACE DICONTINUITIES LESS THAN 1/4".

BOXES AND EXTENSIONS ARE TRIMMABLE FOR CUSTOM LENGTHS. TRIMMED PIECES SHALL MAINTAIN A UNIFORM LENGTH.

ENTRANCE HOLES INTO PULL BOXES SHALL BE CUT WITH A CIRCULAR HOLE SAW OR HYDRAULIC CONDUIT PUNCH. HOLE SIZE SHALL BE THE OUTSIDE DIAMETER OF THE CONDUIT THAT IS TO FIT IN THE OPENING PLUS NO MORE THAN 1/4".

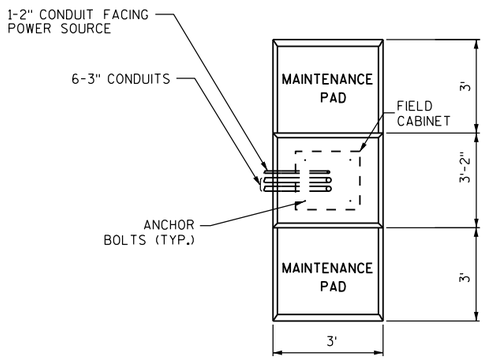
THE CONTRACTOR SHALL NOT INSTALL WIRE IN ANY PULL BOX UNTIL ITS INSTALLATION HAS BEEN INSPECTED AND ACCEPTED BY THE ENGINEER.

ALL METALLIC CONDUIT IN WHICH WIRE AND/OR CABLE IS TO BE INSTALLED, SHALL BE BUSHED BEFORE INSTALLATION OF THE WIRE AND/OR CABLE.

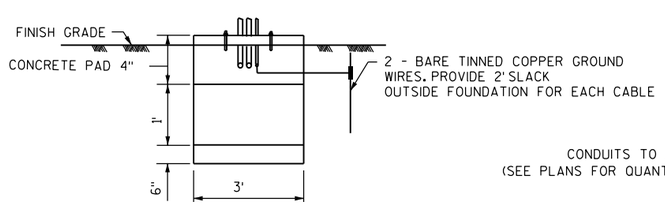
ENTIRE BOX MUST BE CONSTRUCTED OF NON-CONDUCTIVE MATERIALS WITH THE EXCEPTION OF STAINLESS STEEL FASTENERS.

WHEN A PULL BOX IS INSTALLED IN CRUSHED AGGREGATE SHOULDERS, PLACE IT 2-3 INCHES BELOW GRADE AND COVER IT WITH 2-3 INCHES OF CRUSHED AGGREGATE

LABEL ON COVER SHALL READ "ELECTRIC" FOR SIGNAL OR LIGHTING SYSTEMS. "WISDOT COMMUNICATIONS" FOR COMMUNICATIONS SYSTEMS.



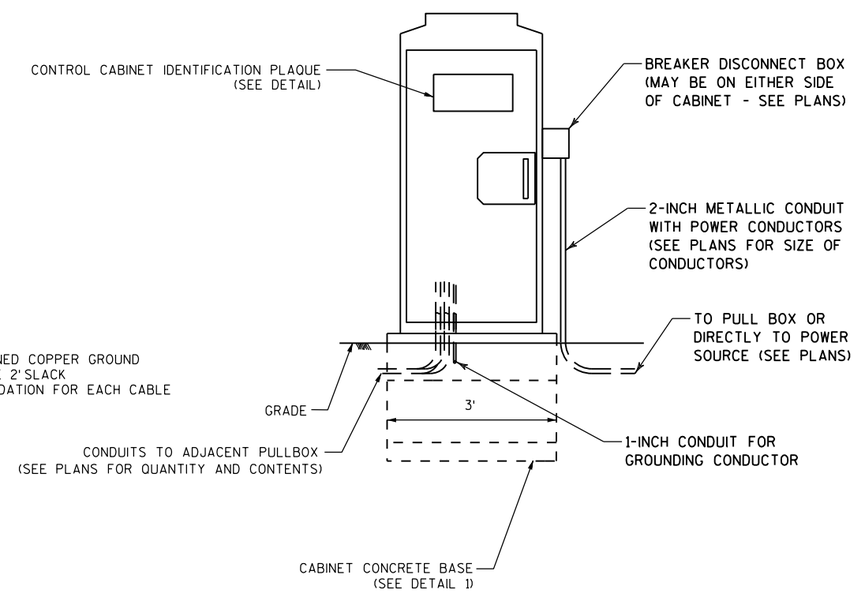
PLAN VIEW



FRONT VIEW

FTMS FIELD CABINET

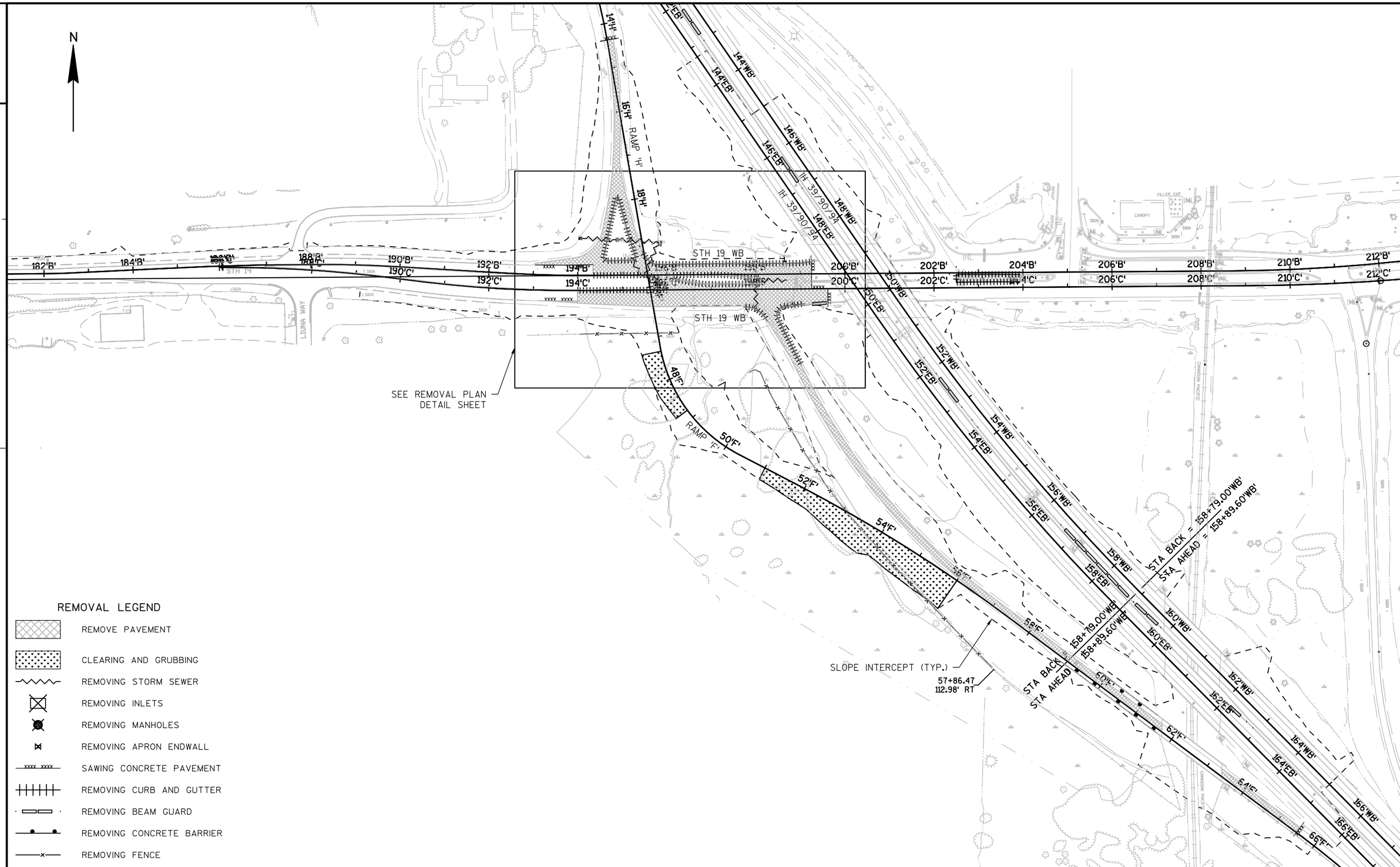
STATE-FURNISHED FIELD CABINET



ITS FIELD CABINET

NOTES

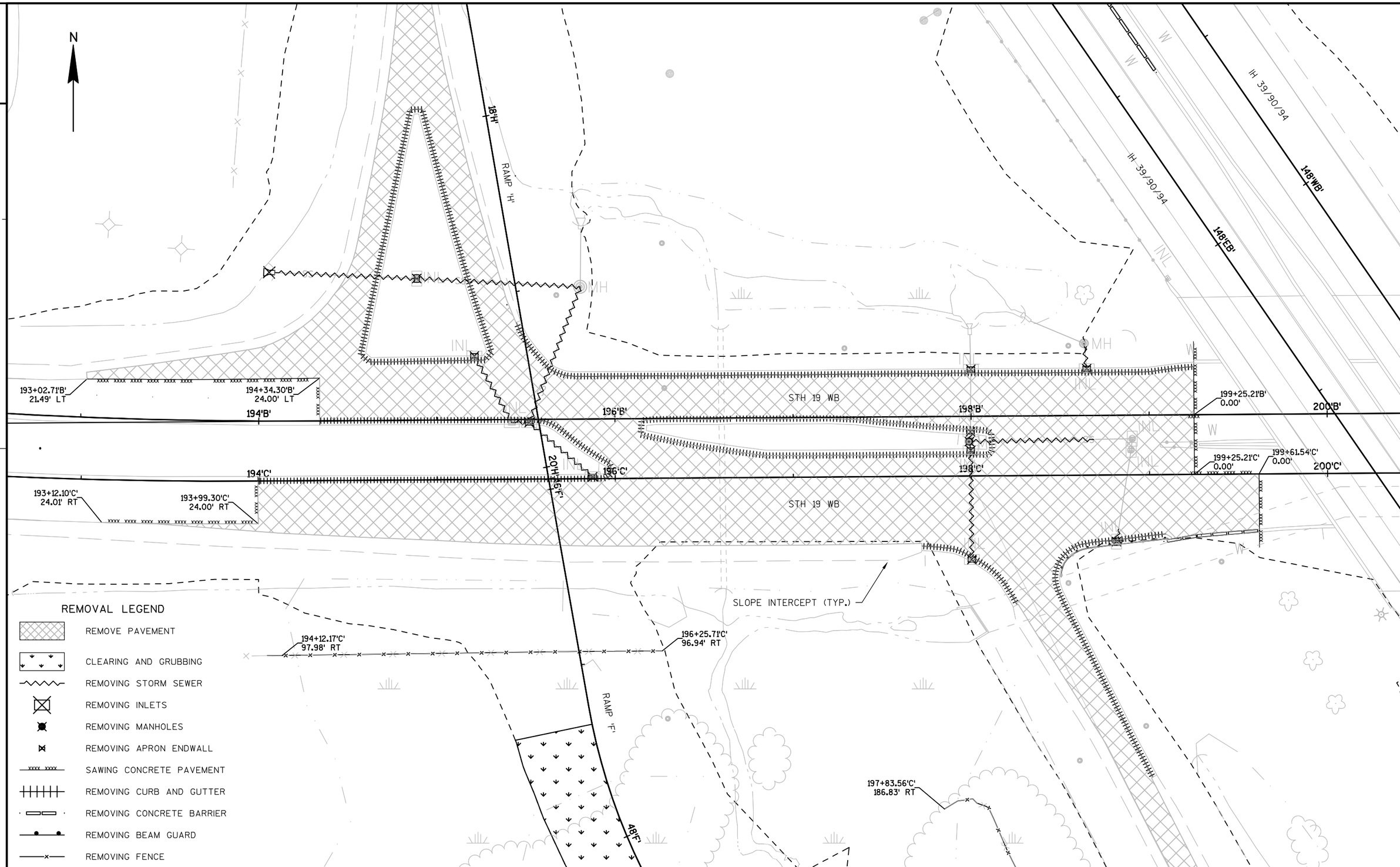
1) DETAILS OF CONSTRUCTION, MATERIALS AND WORKMANSHIP NOT SHOWN ON THIS DRAWING SHALL CONFORM TO THE PERTINENT REQUIREMENTS OF THE CONTRACT.
2) WHEN REQUIRED TO CONNECT NONMETALLIC CONDUIT TO METALLIC CONDUIT, ONLY ADAPTER FITTINGS, U.L. LISTED FOR ELECTRICAL USE, SHALL BE USED.
3) CONDUIT HEIGHT ABOVE THE CONCRETE BASE SHALL BE 3-INCHES.
4) DEPTH OF CONDUIT SHALL BE 24-INCHES MINIMUM AND 36-INCHES MAXIMUM.
5) ANY EXCEPTION TO THE MAXIMUM DEPTH SHALL BE ONLY WITH THE WRITTEN APPROVAL OF THE ENGINEER.
6) CONTROLLER CABINET BASE TOP SURFACES SHALL BE TROWEL FINISHED AND LEVEL PRIOR TO CABINET INSTALLATION. LEVELING OF TOP SURFACES AFTER CONCRETE BASE HAS CURED SHALL ONLY BE ACCOMPLISHED BY GRINDING.
7) MAINTENANCE PLATFORMS ARE NOT REQUIRED WHEN THE SURROUNDING AREA IS PAVED.
8) MINIMUM BENDING RADIUS OF CONDUIT SHALL BE SIX TIMES THE CONDUIT DIAMETER.
9) ALL METALLIC CONDUIT ENDS SHALL BE REAMED AND THREADED.
10) CAP ALL BELOW GRADE METALLIC CONDUIT ENDS IN WHICH WIRE OR CABLE IS NOT BEING INSTALLED.
11) PLUG ALL BELOW GRADE NONMETALLIC CONDUIT ENDS IN WHICH WIRE OR CABLE IS NOT BEING INSTALLED.
12) ALL CONDUIT ENDS AT THE TOP OF CONCRETE BASES SHALL BE CAPPED IF METALLIC OR PLUGGED IF NONMETALLIC IMMEDIATELY AFTER PLACEMENT AND BEFORE CONCRETE IS PLACED. CONDUITS IN WHICH WIRE OR CABLE IS NOT BEING INSTALLED SHALL REMAIN CAPPED OR PLUGGED.
13) CONCRETE FORM DEPTH BELOW FINISHED GRADE SHALL BE 6-INCH MAXIMUM. CONCRETE FORMS SHALL BE REMOVED AFTER CONCRETE HAS SET.
14) ALL METALLIC CONDUIT ENDS AT TOP OF CONCRETE BASES SHALL HAVE BUSHINGS IF WIRE IS INSTALLED.
15) ALL NON METALLIC CONDUIT ENDS AT TOP OF CONCRETE BASES SHALL HAVE END BELLS IF WIRE IS INSTALLED.
16) ANCHOR BOLTS TO ANCHOR THE FIELD CABINETS TO THE CABINET BASE WILL BE STATE FURNISHED WITH THE FIELD CABINET.
17) CONTRACTOR SHALL CONFIRM BOLT PATTERN OF CABINET PRIOR TO CONSTRUCTION OF CONCRETE BASE.
18) THE CABINET SHALL BE SEALED WITH A SILICONE SEALANT AT THE INSIDE AND OUTSIDE JOINTS.
19) MAINTENANCE PADS SHALL BE INSTALLED ON BOTH SIDES OF THE CABINET.
20) STATE FURNISHED FIELD CABINETS WILL BE TYPE 334 CONTROLLER CABINETS.



REMOVAL LEGEND

- REMOVE PAVEMENT
- CLEARING AND GRUBBING
- REMOVING STORM SEWER
- REMOVING INLETS
- REMOVING MANHOLES
- REMOVING APRON ENDWALL
- SAWING CONCRETE PAVEMENT
- REMOVING CURB AND GUTTER
- REMOVING BEAM GUARD
- REMOVING CONCRETE BARRIER
- REMOVING FENCE

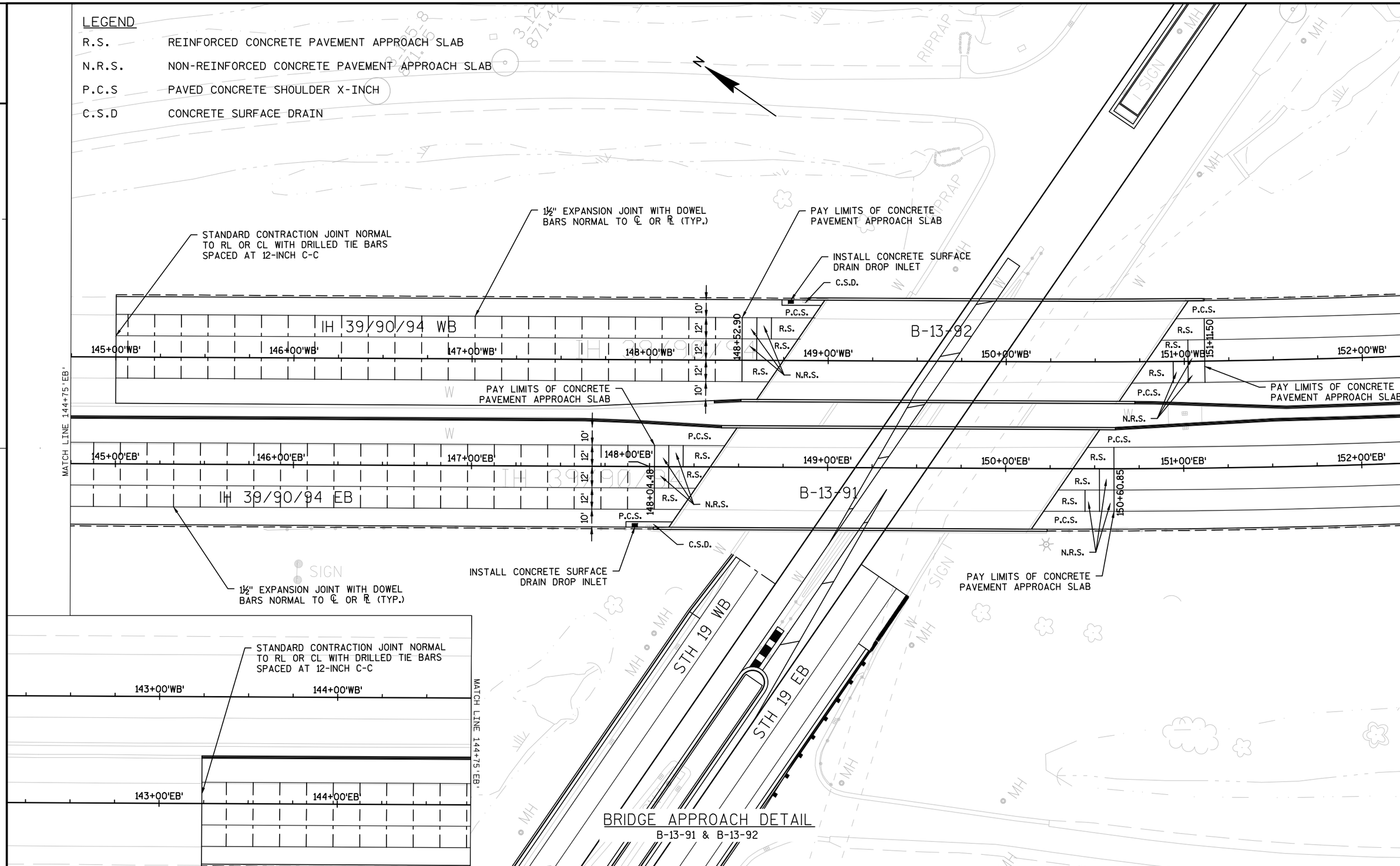
PROJECT NO:1010-02-78	HWY:IH 39	COUNTY:DANE	REMOVAL PLAN - STH 19	SHEET	E



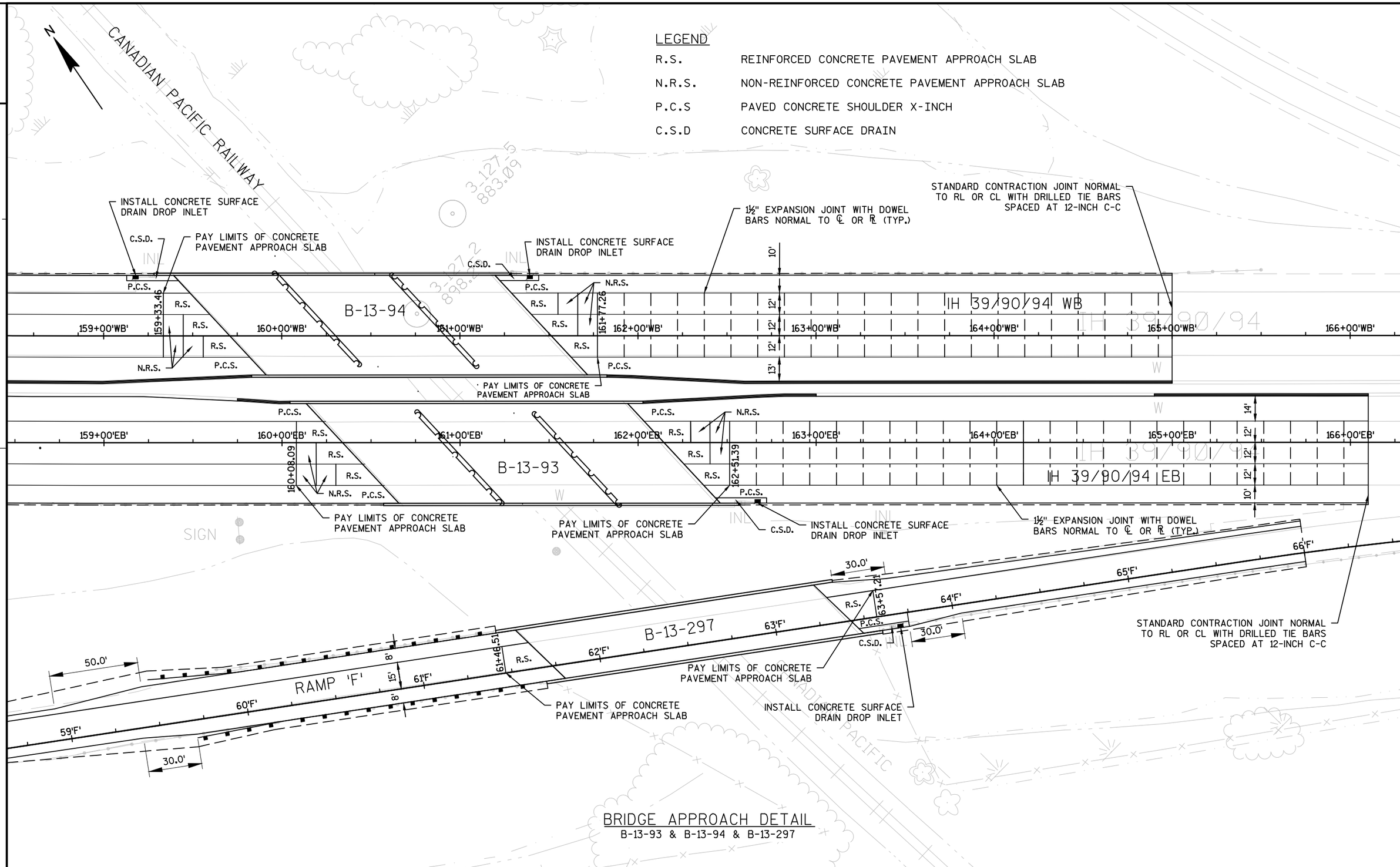
PROJECT NO:1010-02-78	HWY:IH 39	COUNTY:DANE	REMOVAL PLAN DETAIL	SHEET	E

LEGEND

R.S.	REINFORCED CONCRETE PAVEMENT APPROACH SLAB
N.R.S.	NON-REINFORCED CONCRETE PAVEMENT APPROACH SLAB
P.C.S	PAVED CONCRETE SHOULDER X-INCH
C.S.D	CONCRETE SURFACE DRAIN

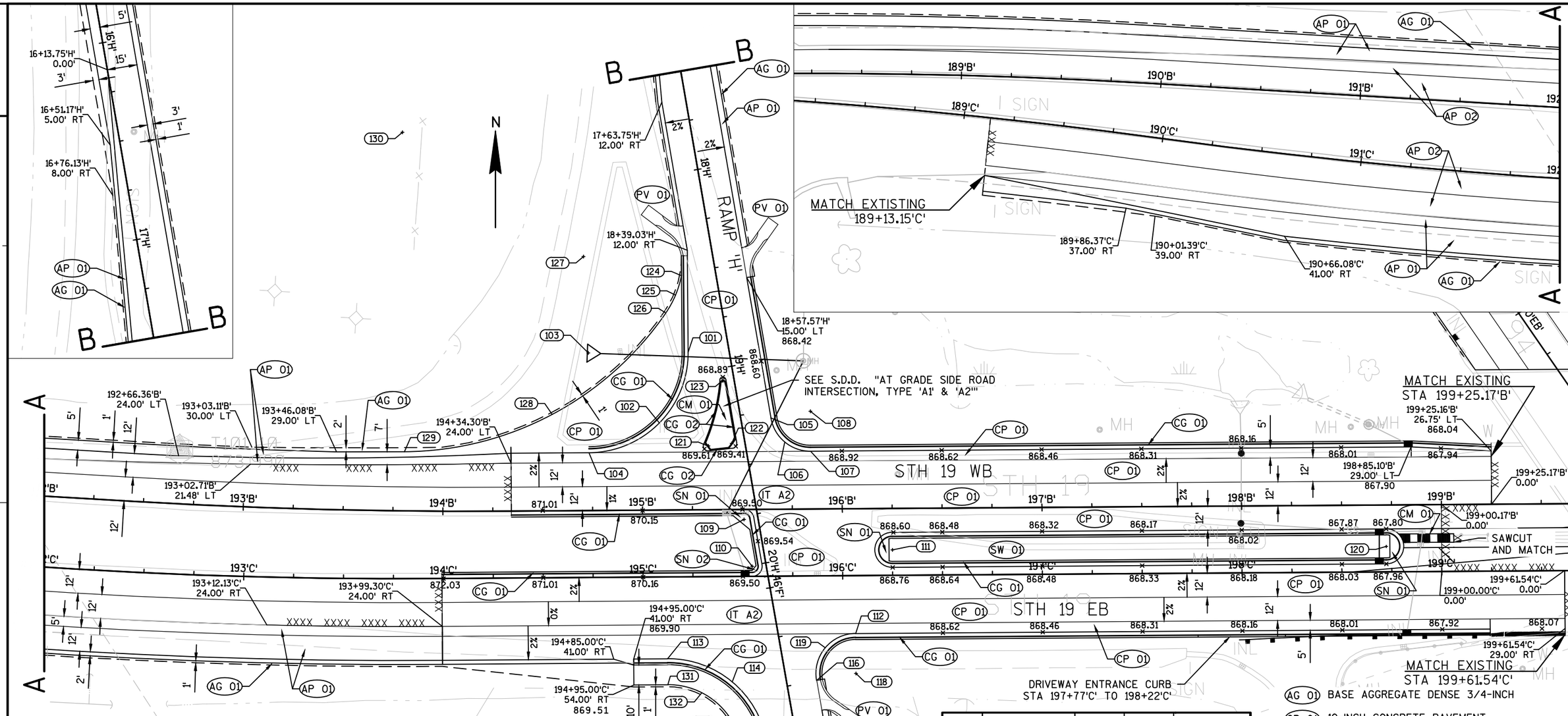


PROJECT NO:1010-02-78	HWY:IH 39	COUNTY:DANE	PLAN DETAILS: BRIDGE APPROACH DETAILS	SHEET	E



BRIDGE APPROACH DETAIL
B-13-93 & B-13-94 & B-13-297

PROJECT NO:1010-02-78	HWY:IH 39	COUNTY:DANE	PLAN DETAILS: BRIDGE APPROACH DETAILS	SHEET	E

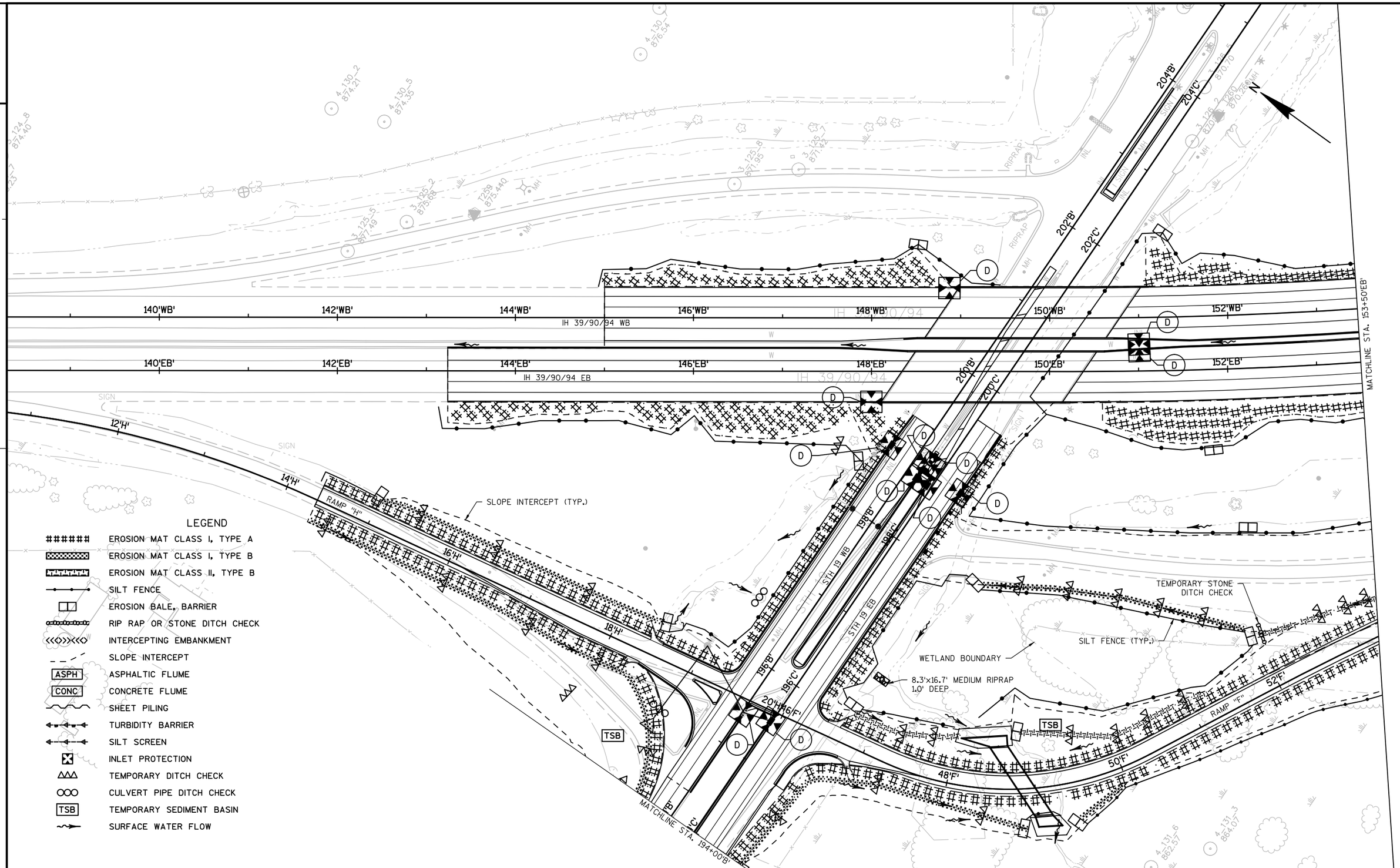


POINT	STATION	OFFSET	ELEV.	DESC.	POINT	STATION	OFFSET	ELEV.	DESC.
101	18+89.40 'H'	20.33'	868.42	PC	114	46+43.16 'F'	26.81'	869.23	MID PT
102	19+21.89 'H'	40.54'	869.45	MID PT	115	46+75.44 'F'	15.00'	868.82	PC
103	18+81.24 'H'	69.66'	-	50.00' RAD	116	46+49.74 'F'	-15.00'	868.62	PC
104	19+30.57 'H'	77.81'	870.49	PC	117	46+75.44 'F'	65.00'	-	50.00' RAD
105	19+28.95 'H'	-15.00'	868.94	PC	118	46+49.74 'F'	-35.00'	-	20.00' RAD
106	19+41.89 'H'	-19.75'	868.99	MID PT	119	46+34.47 'F'	-22.09'	869.05	MID PT
107	195+84.36 'C'	-62.50'	869.05	PC	120	198+72.33 'C'	-12.75'	-	8.75' RAD
108	19+28.95 'H'	-35.00'	-	20.00' RAD	121	19+37.42 'H'	18.28'	-	2.50' RAD
109	195+50.74 'B'	4.97'	-	5.00' RAD	122	19+38.10 'H'	6.50'	-	2.50' RAD
110	195+54.65 'C'	-5.00'	-	5.00' RAD	123	19+06.16 'H'	5.50'	-	1.50' RAD
111	196+25.00 'C'	-12.75'	-	8.75' RAD	124	18+51.06 'H'	17.03'	868.65	PC
112	196+06.30 'C'	29.00'	868.69	PC	125	18+60.15 'H'	21.60'	868.56	MID PT
113	195+11.98 'C'	41.00'	869.64	PC	126	18+68.13 'H'	27.93'	868.44	PC

POINT	STATION	OFFSET	ELEV.	DESC.
127	18+33.25 'H'	63.75'	-	50.00' RAD
128	194+55.08 'B'	-48.32'	870.16	MID PT
129	193+80.39 'B'	-29.67'	871.69	PC
130	193+77.28 'B'	-189.65	-	160.00' RAD
131	46+38.97 'F'	58.83'	869.65	PC
132	46+45.91 'F'	42.73'	869.37	MID PT
133	46+59.48 'F'	31.62'	869.09	PC
134	46+75.45 'F'	65.00'	-	37.00' RAD
135	46+91.33 'F'	18.57'	868.82	MID PT
136	47+24.45 'F'	9.26'	868.54	PC
137	47+58.11 'F'	305.56'	-	300.00' RAD

- AG 01 BASE AGGREGATE DENSE 3/4-INCH
- CP 01 10-INCH CONCRETE PAVEMENT
- AP 01 4" HMA PAVEMENT TYPE E-3
- CG 01 CONCRETE CURB AND GUTTER 36-INCH TYPE A, 4" SLOPED
- CG 02 CONCRETE CURB TYPE G
- SW 01 CONCRETE SIDEWALK 4-INCH
- IT A2 INTERSECTION TYPE A2
- PV 01 ASPHALTIC FLUME
- SN 01 CONCRETE MEDIAN SLOPED NOSE TYPE 1
- SN 02 CONCRETE MEDIAN SLOPED NOSE TYPE 2
- CM 01 CONCRETE CORRUGATED MEDIAN
- XXX SAWCUT

PROJECT NO:1010-02-78	HWY:IH 39	COUNTY:DANE	INTERSECTION DETAILS	SHEET	E



PROJECT NO:1010-02-78	HWY:IH 39	COUNTY:DANE	EROSION CONTROL	SHEET	E

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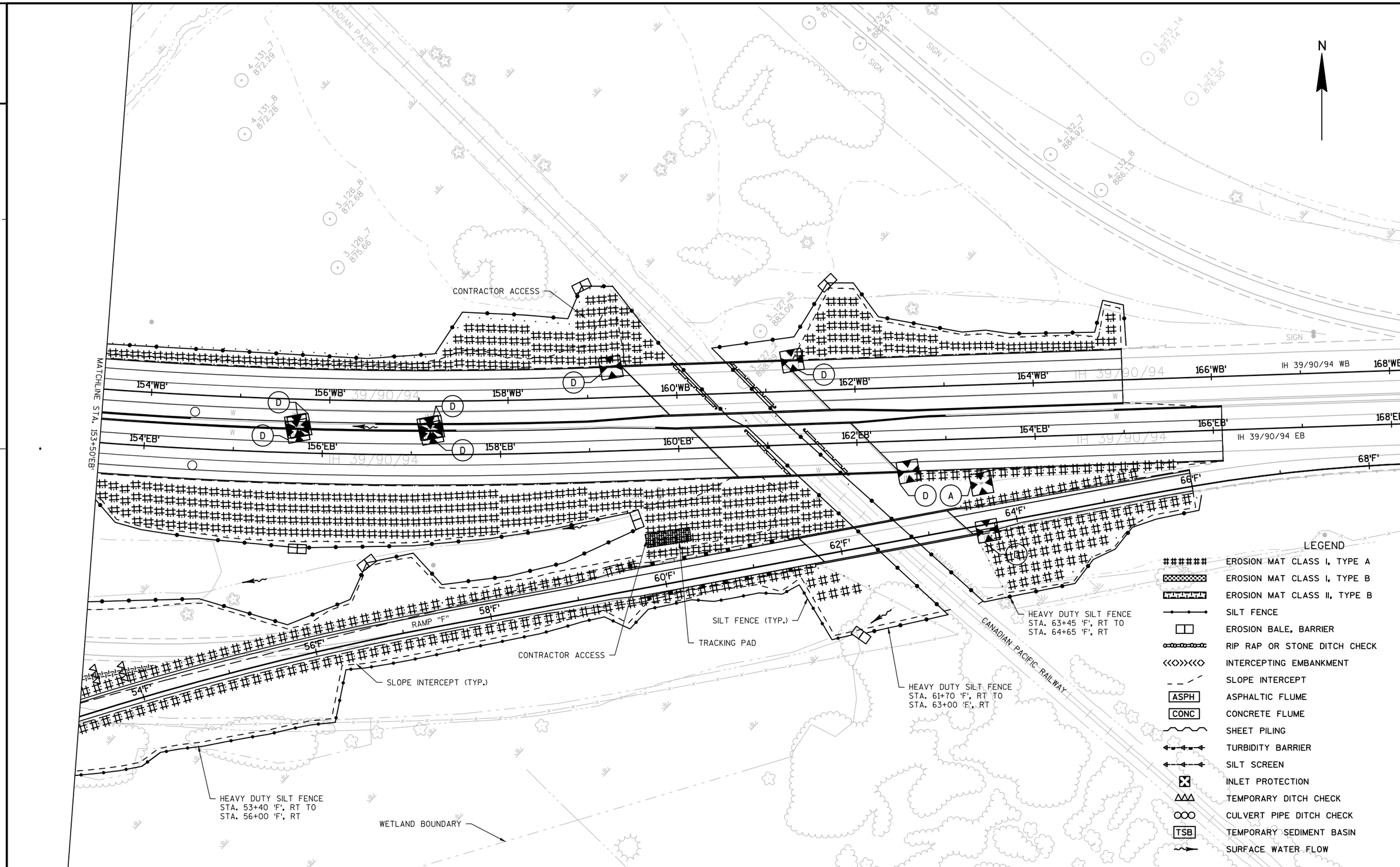
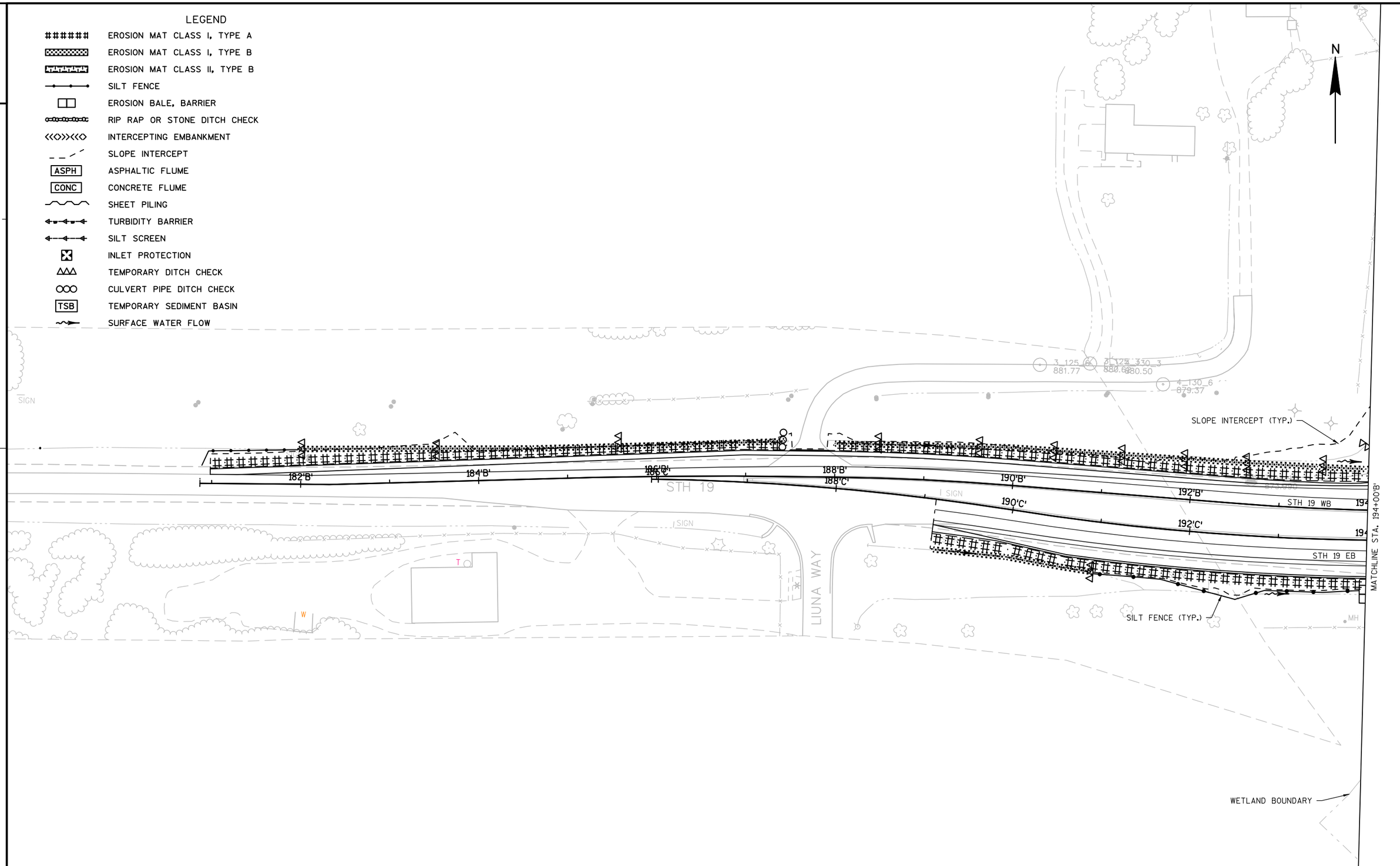

N
CONTRACTOR ACCESS
MATCHLINE STA. 153+50'EB'
154'WB'
156'WB'
158'WB'
160'WB'
162'WB'
164'WB'
166'WB'
168'WB'
IH 39/90/94 WB
154'EB'
156'EB'
158'EB'
160'EB'
162'EB'
164'EB'
166'EB'
168'EB'
IH 39/90/94 EB
IH 39/90/94
68'F'
66'F'
64'F'
62'F'
60'F'
58'F'
56'F'
54'F'
RAMP "F"
SIGN
CANADIAN PACIFIC
CANADIAN PACIFIC RAILWAY
SILT FENCE (TYP.)
TRACKING PAD
CONTRACTOR ACCESS
SLOPE INTERCEPT (TYP.)
HEAVY DUTY SILT FENCE
STA. 53+40 'F', RT TO
STA. 56+00 'F', RT
WETLAND BOUNDARY
HEAVY DUTY SILT FENCE
STA. 61+70 'F', RT TO
STA. 63+00 'F', RT
HEAVY DUTY SILT FENCE
STA. 63+45 'F', RT TO
STA. 64+65 'F', RT
LEGEND
EROSION MAT CLASS I, TYPE A
EROSION MAT CLASS I, TYPE B
EROSION MAT CLASS II, TYPE B
SILT FENCE
EROSION BALE, BARRIER
RIP RAP OR STONE DITCH CHECK
INTERCEPTING EMBANKMENT
SLOPE INTERCEPT
ASPH
ASPHALTIC FLUME
CONC
CONCRETE FLUME
SHEET PILING
TURBIDITY BARRIER
SILT SCREEN
INLET PROTECTION
TEMPORARY DITCH CHECK
CULVERT PIPE DITCH CHECK
TSB
TEMPORARY SEDIMENT BASIN
SURFACE WATER FLOW

2

LEGEND

- EROSION MAT CLASS I, TYPE A
- EROSION MAT CLASS I, TYPE B
- EROSION MAT CLASS II, TYPE B
- SILT FENCE
- EROSION BALE, BARRIER
- RIP RAP OR STONE DITCH CHECK
- INTERCEPTING EMBANKMENT
- SLOPE INTERCEPT
- ASPH — ASPHALTIC FLUME
- CONC — CONCRETE FLUME
- SHEET PILING
- TURBIDITY BARRIER
- SILT SCREEN
- INLET PROTECTION
- TEMPORARY DITCH CHECK
- CULVERT PIPE DITCH CHECK
- TSB — TEMPORARY SEDIMENT BASIN
- SURFACE WATER FLOW



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PROJECT NO:1010-02-78	HWY:IH 39	COUNTY:DANE	EROSION CONTROL	SHEET	E

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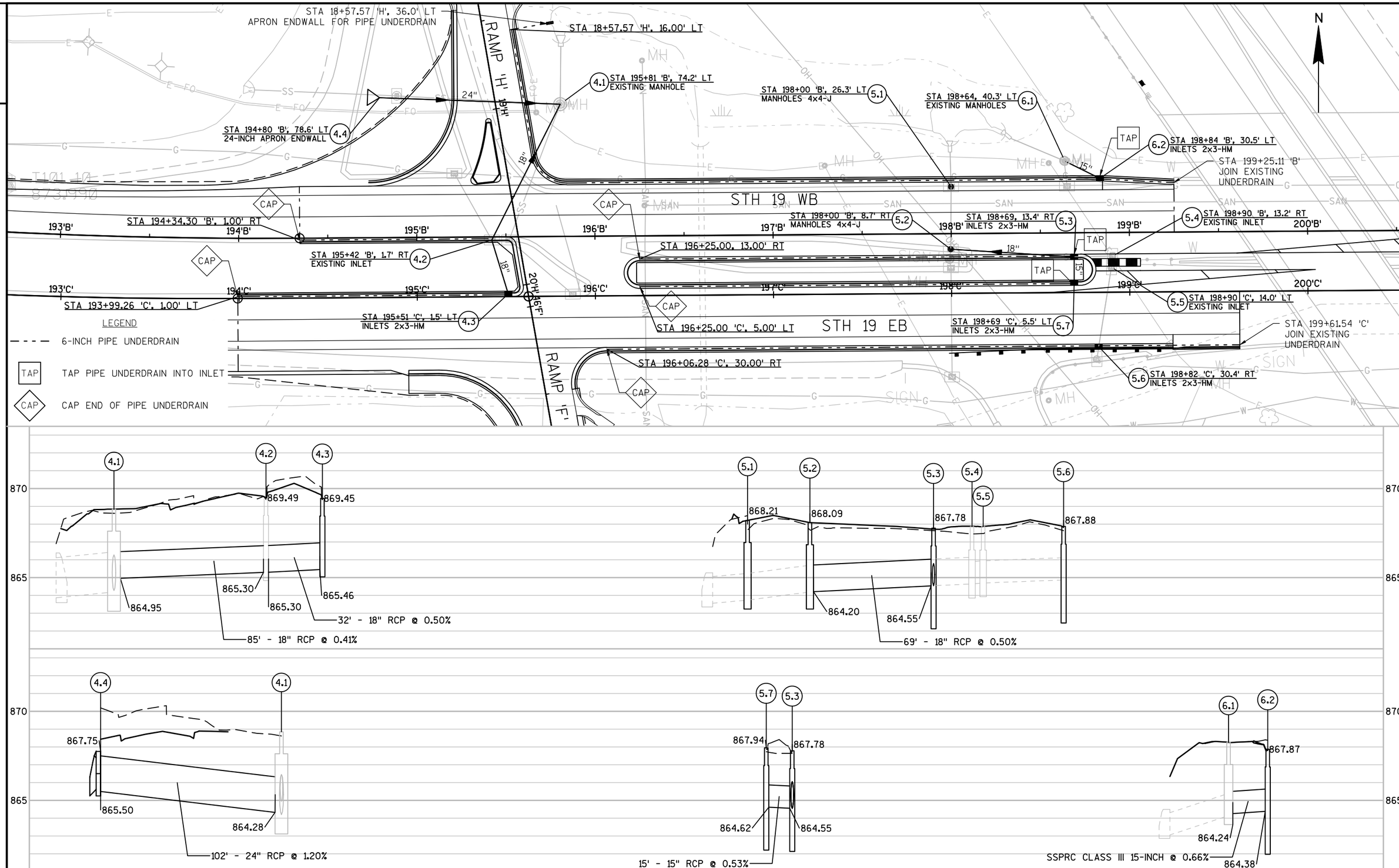
WISDOT/CADDS SHEET 42



PROJECT NO:1010-02-78	HWY:IH 39	COUNTY:DANE	STORM SEWER	SHEET	E

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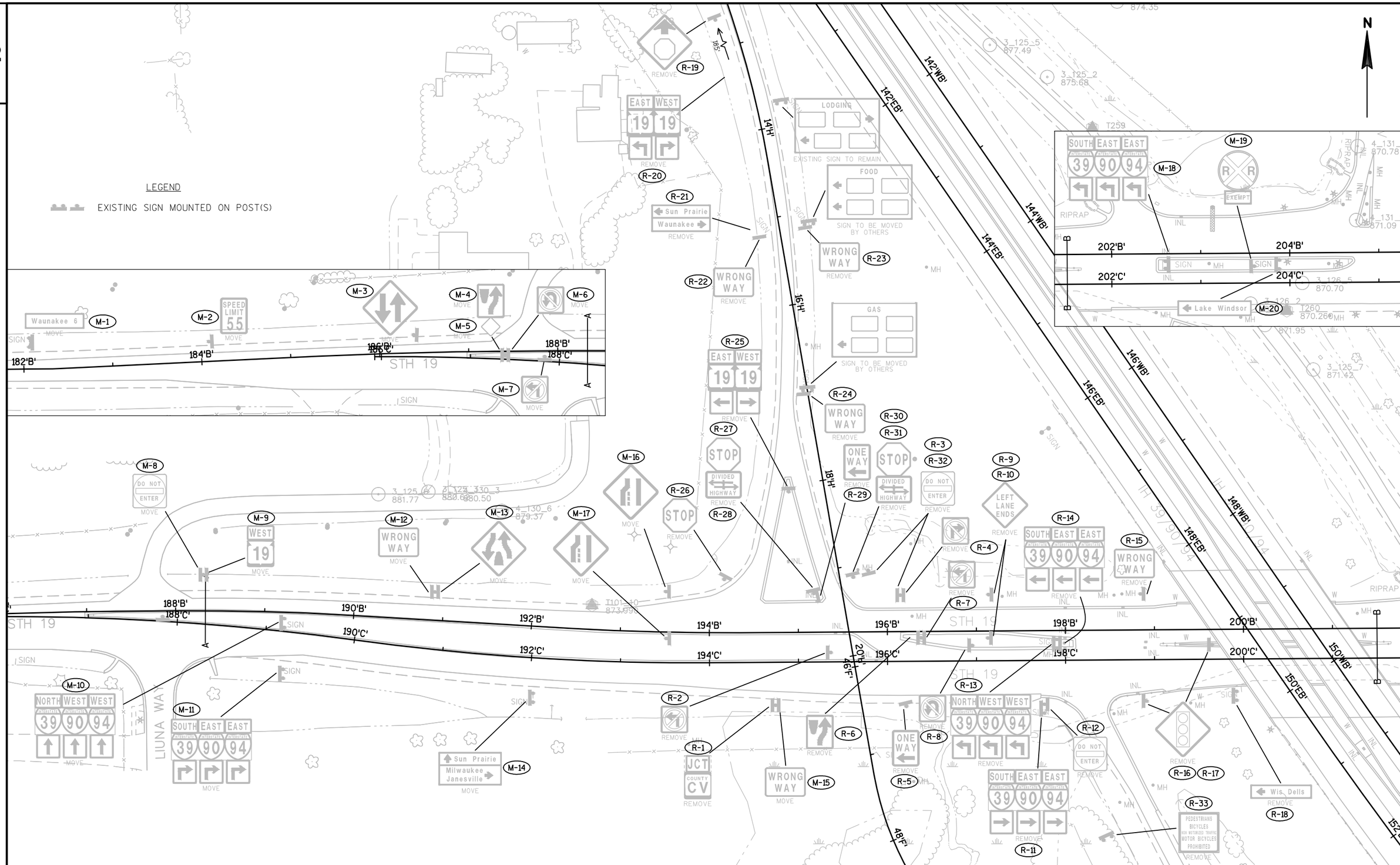
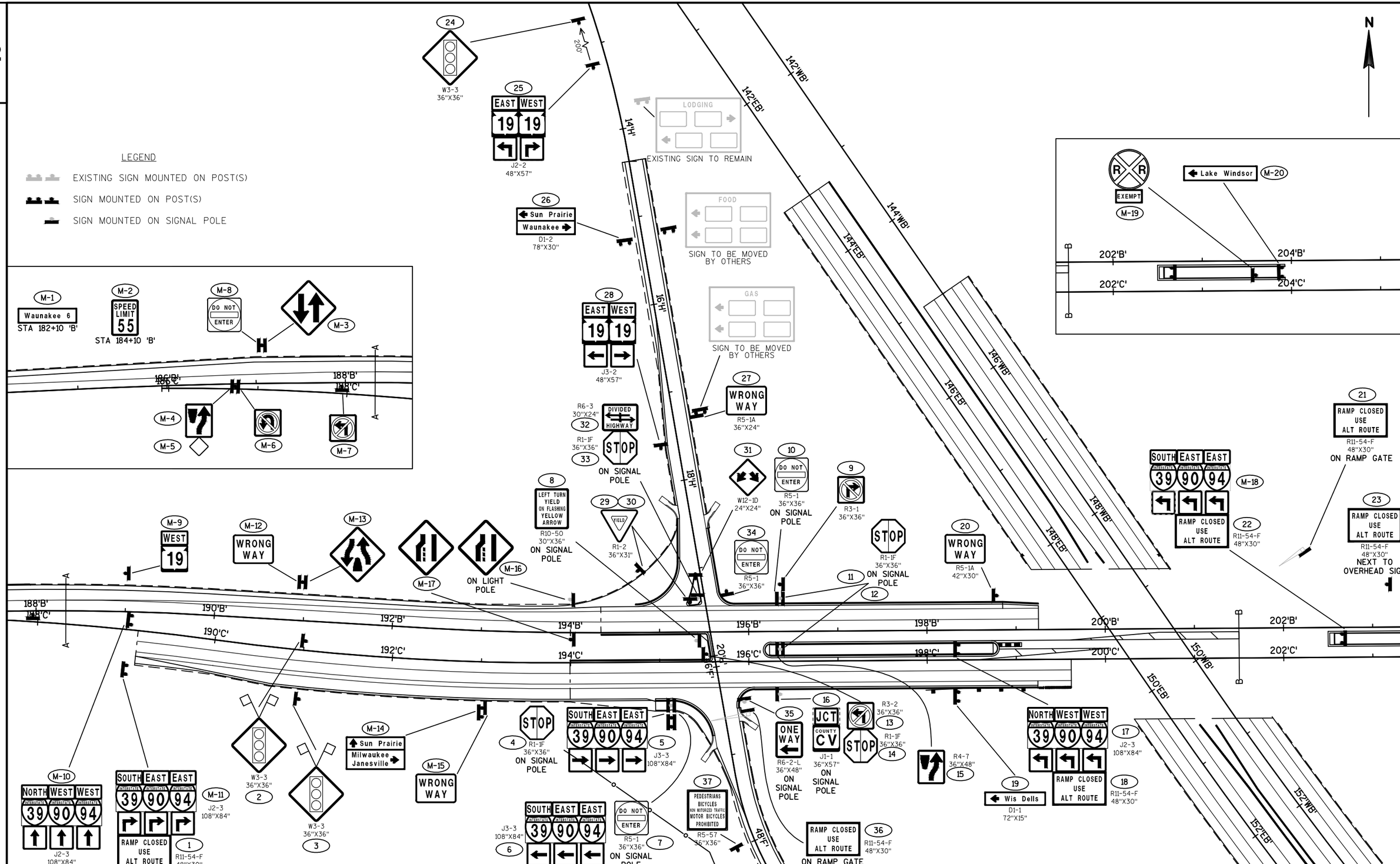


PROJECT NO:1010-02-78	HWY:IH 39	COUNTY:DANE	PERMANENT SIGNING REMOVAL PLAN	SHEET	E



PROJECT NO:1010-02-78	HWY:IH 39	COUNTY:DANE	PERMANENT SIGNING	SHEET	E

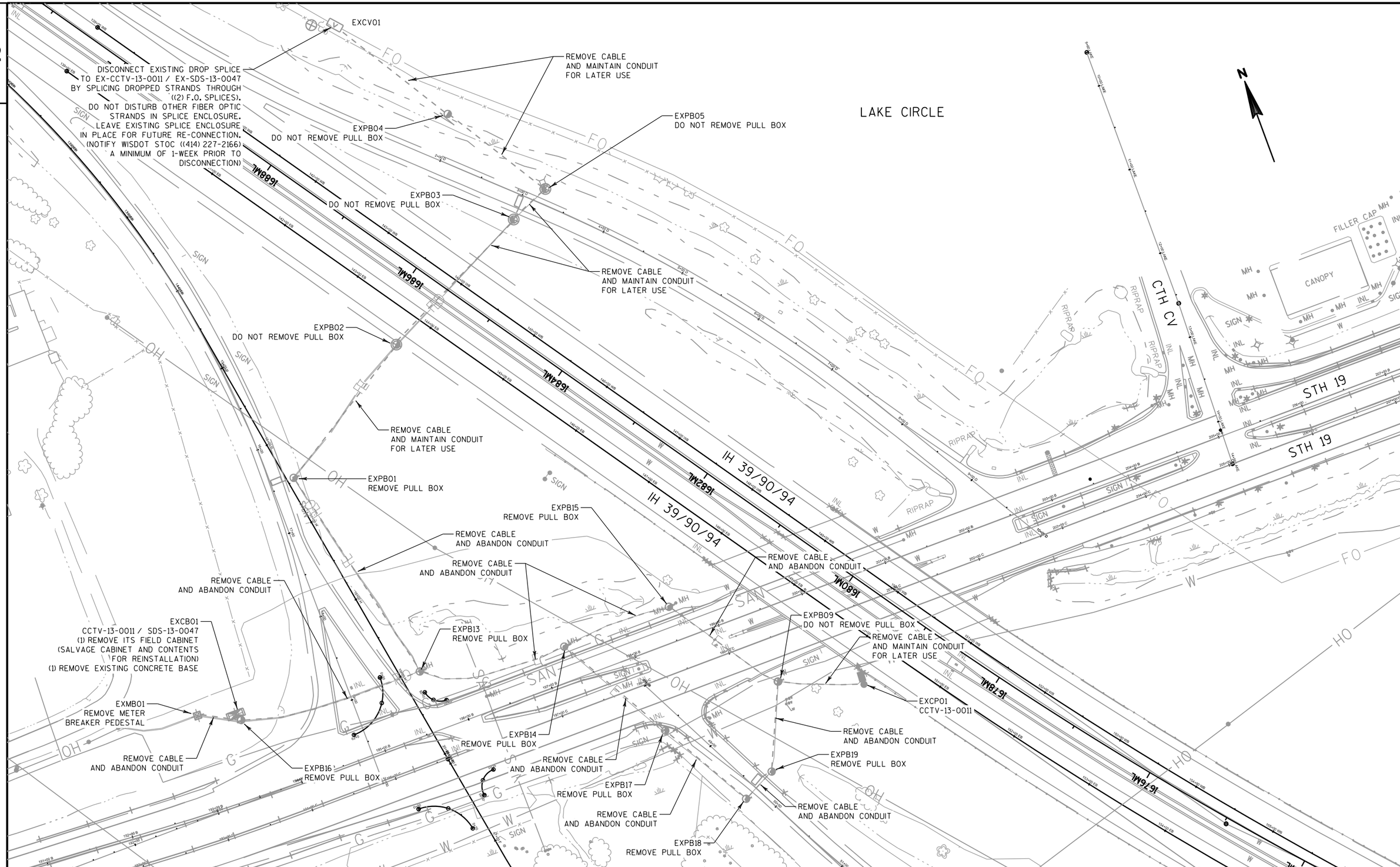
LEGEND	EXISTING	PROPOSED
FTMS CONVENTIONAL SYMBOLS		
CCTV CAMERA AND POLE		
FTMS FIELD CABINET AND BASE		
POLE MOUNTED CABINET		
METER BREAKER PEDESTAL		
CSCP STEEL PULL BOX		
NON-CONDUCTIVE PULL BOX		
FTMS (ITS) CONDUIT		
BREAKER DISCONNECT BOX		
COMMUNICATIONS VAULT, TYPE 1	V	V
LOOP DETECTOR		

FTMS STANDARD ABBREVIATIONS

CB	CONTROLLER CABINET
CCTV	CLOSED CIRCUIT TELEVISION SITE
CV	COMMUNICATIONS VAULT
PB	PULL BOX
EX	EXISTING
SDS	SYSTEM DETECTOR STATION

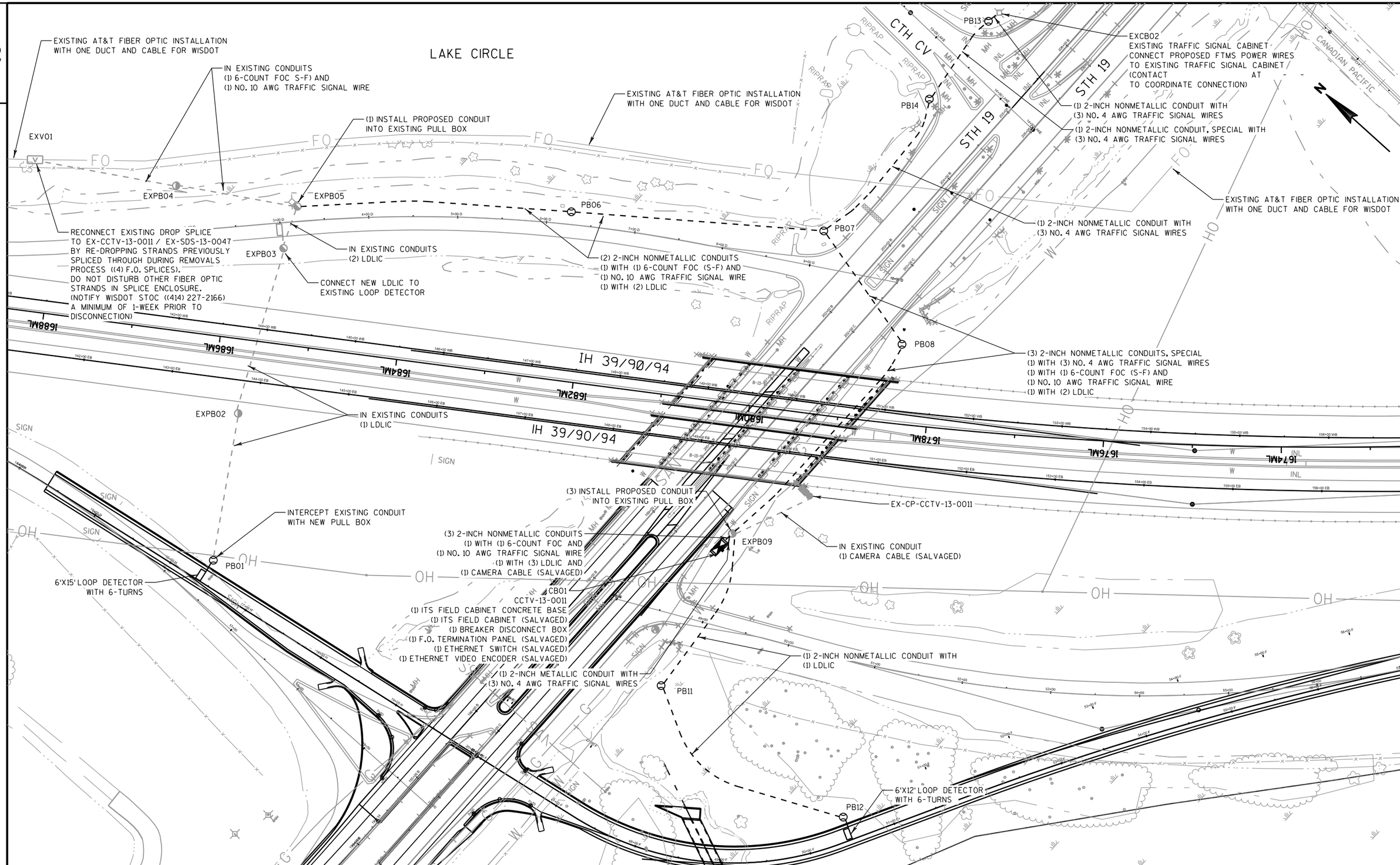
FTMS GENERAL NOTES

1. THESE PLANS AND THE ASSOCIATED SPECIAL PROVISIONS REFLECT CONDITIONS KNOWN DURING THE DEVELOPMENT OF THE PLANS AND TECHNICAL SPECIAL PROVISIONS. ALL SCALES, DIMENSIONS AND LOCATIONS SHOWN IN THESE PLANS ARE APPROXIMATE. ACTUAL PHYSICAL FIELD CONDITIONS SHALL PROVIDE THE BASIS FOR THE APPLICATION OF WORK SHOWN IN THE PLANS. THE CONTRACTOR IS FULLY RESPONSIBLE FOR THE APPLICATION OF ALL WORK SHOWN IN THE PLANS TO THE ACTUAL PHYSICAL FIELD CONDITIONS TO PROVIDE A COMPLETE AND ACCEPTED PROJECT. IN THE EVENT THAT ACTUAL PHYSICAL FIELD CONDITIONS AFFECT OR PREVENT THE APPLICATION OR PROGRESSION OF ANY WORK SHOWN IN THE PLANS OR TECHNICAL SPECIAL PROVISIONS, THE CONTRACTOR SHALL NOTIFY THE ENGINEER IMMEDIATELY, AND PRIOR TO ANY FURTHER WORK ACTIVITY. THE CONTRACTOR SHALL IMMEDIATELY NOTIFY THE ENGINEER OF ANY LOCATION CHANGES OTHER THAN MINOR ADJUSTMENTS.
2. BE AWARE THAT ALL EXISTING UNDERGROUND AND ABOVE GROUND STRUCTURES AND FACILITIES WITHIN THE SCOPE OF THIS PROJECT MAY NOT BE LOCATED IN THE PLANS. THE CONTRACTOR IS FULLY RESPONSIBLE FOR LOCATING AND AVOIDING ALL UNDERGROUND AND ABOVE GROUND STRUCTURES AND FACILITIES.
3. BE AWARE THAT NO TEST BORINGS WERE MADE WHERE CONDUITS, PULLBOXES, POLES, CABINET FOUNDATIONS, OR OTHER EQUIPMENT IS TO BE INSTALLED. THE CONTRACTOR IS FULLY RESPONSIBLE FOR EXAMINING THE JOB SITE CONDITIONS BEFORE SUBMITTING BID PROPOSALS.
4. NO TREES (AND/OR SHRUBS) SHALL BE REMOVED WITHOUT APPROVAL OF THE ENGINEER.
5. AREAS WITHIN THE RIGHT-OF-WAY DISTURBED SPECIFICALLY FOR FTMS CONSTRUCTION SHALL BE RESTORED TO THE ORIGINAL CONDITION WITH TOPSOIL, FERTILIZER, SEED, AND EROSION MAT, AND SHALL BE INCLUDED IN THE COST OF INSTALLING FTMS ITEMS. RESTORATION FOR AREAS DISTURBED FOR OTHER CONSTRUCTION OPERATIONS BUT ALSO CONTAINING FTMS CONSTRUCTION SHALL BE DONE ACCORDING TO REQUIREMENTS AND PAYMENT PROVISIONS FOR THE OTHER CONSTRUCTION OPERATIONS.
6. THE LOCATION OF EXISTING AND PROPOSED UTILITY INSTALLATIONS SHOWN ON THE PLANS ARE APPROXIMATE. THERE MAY BE OTHER UTILITY INSTALLATIONS WITHIN THE PROJECT AREA THAT ARE NOT SHOWN.
7. DUE TO RAMP, LANE, SHOULDER CLOSURE RESTRICTIONS, AND WORK UNDER OTHER CONTRACTS, SOME WORK MAY BE REQUIRED TO BE PERFORMED AT NIGHT.
8. THE CONTRACTOR IS FULLY RESPONSIBLE FOR COORDINATING RAMP, LANE, SHOULDER, AND ROADWAY CLOSURES WITH OTHER CONTRACTS IN THE AREA.
9. THE CONTRACTOR SHALL CONTACT THE WISDOT STATEWIDE TRAFFIC OPERATIONS CENTER AT (414) 227-2166 FIVE (5) WORKING DAYS PRIOR TO ENTERING ANY EXISTING WISDOT FTMS OR ITS CABINET.
10. ALL LOOP DETECTORS ARE STATIONED TO CENTER OF LEADING EDGE AS APPROACHED BY NORMAL VEHICLE PATH.
11. HAND DIG TRENCHES CROSSING EXISTING CONDUIT CONTAINING FIBER OPTIC CABLE.
12. VISUALLY VERIFY DEPTHS OF EXISTING CONDUITS CONTAINING FIBER OPTIC CABLE PRIOR TO CROSSING BY DIRECTIONAL BORE OR SPECIAL METHOD.



PROJECT NO:1010-02-78	HWY:IH 39/90/94	COUNTY:DANE	FTMS REMOVALS PLAN	SHEET	E

2



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PROJECT NO:1010-02-78	HWY:IH 39/90/94	COUNTY:DANE	FTMS DESIGN PLAN	SHEET	E

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WISDOT/CADDS SHEET 42

GENERAL NOTES

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

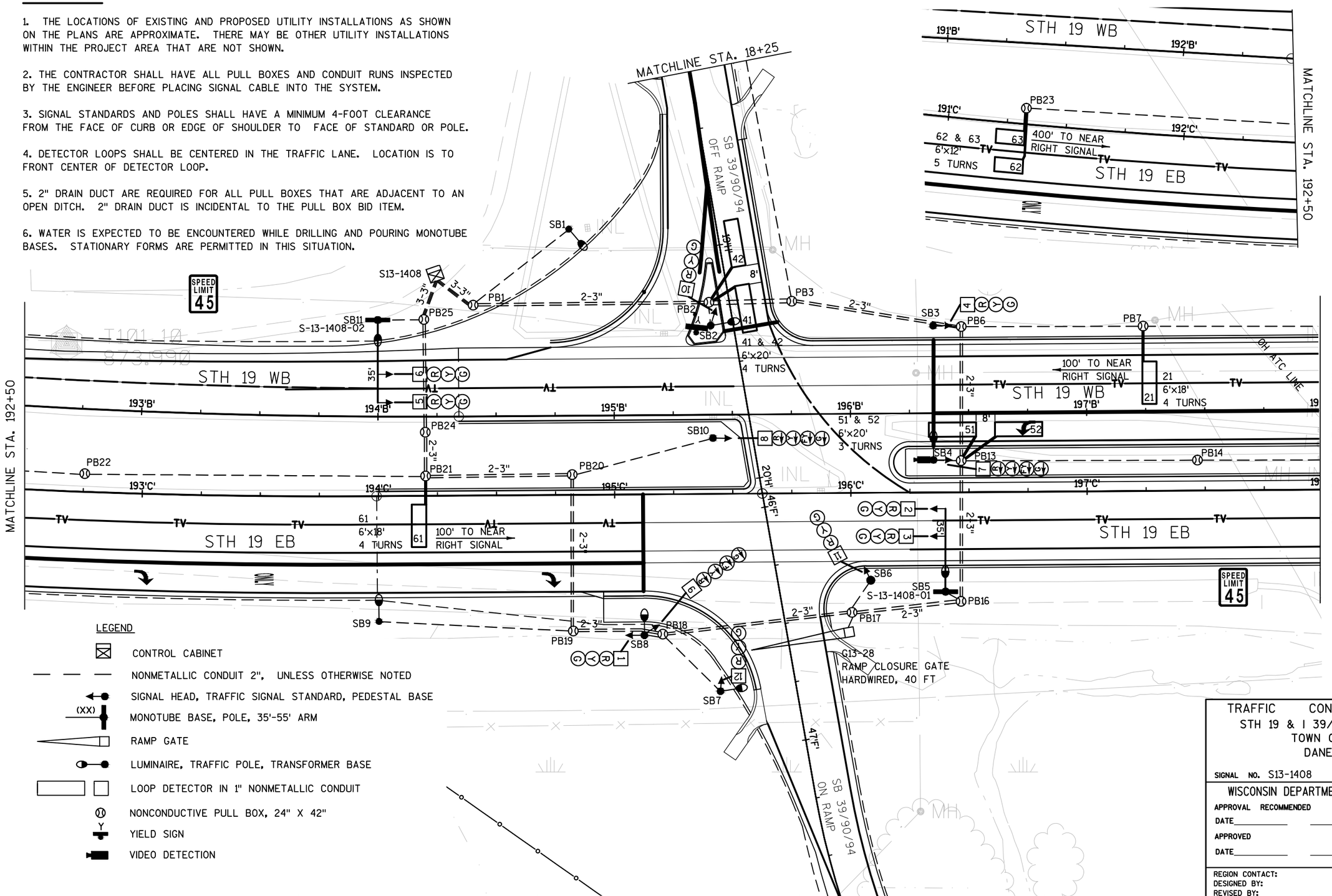
2. THE CONTRACTOR SHALL HAVE ALL PULL BOXES AND CONDUIT RUNS INSPECTED BY THE ENGINEER BEFORE PLACING SIGNAL CABLE INTO THE SYSTEM.

3. SIGNAL STANDARDS AND POLES SHALL HAVE A MINIMUM 4-FOOT CLEARANCE FROM THE FACE OF CURB OR EDGE OF SHOULDER TO FACE OF STANDARD OR POLE.

4. DETECTOR LOOPS SHALL BE CENTERED IN THE TRAFFIC LANE. LOCATION IS TO FRONT CENTER OF DETECTOR LOOP.

5. 2" DRAIN DUCT ARE REQUIRED FOR ALL PULL BOXES THAT ARE ADJACENT TO AN OPEN DITCH. 2" DRAIN DUCT IS INCIDENTAL TO THE PULL BOX BID ITEM.

6. WATER IS EXPECTED TO BE ENCOUNTERED WHILE DRILLING AND POURING MONOTUBE BASES. STATIONARY FORMS ARE PERMITTED IN THIS SITUATION.



LEGEND

- CONTROL CABINET
- NONMETALLIC CONDUIT 2", UNLESS OTHERWISE NOTED
- SIGNAL HEAD, TRAFFIC SIGNAL STANDARD, PEDESTAL BASE
- (XX) MONOTUBE BASE, POLE, 35'-55' ARM
- RAMP GATE
- LUMINAIRE, TRAFFIC POLE, TRANSFORMER BASE
- LOOP DETECTOR IN 1" NONMETALLIC CONDUIT
- NONCONDUCTIVE PULL BOX, 24" X 42"
- Y YIELD SIGN
- VIDEO DETECTION

TRAFFIC CONTROL SIGNAL
STH 19 & I 39/90/94 SB RAMPS
TOWN OF WINDSOR
DANE COUNTY

SIGNAL NO. S13-1408 CONTROLLER TYPE: ASC3

WISCONSIN DEPARTMENT OF TRANSPORTATION

APPROVAL RECOMMENDED
DATE_____ REGION TRAFFIC ENGINEER
APPROVED
DATE_____ STATE TRAFFIC ENGINEER

REGION CONTACT:
DESIGNED BY:
REVISED BY:

PAGE 1 OF 10

PROJECT NO:1010-02-78	HWY:IH 39	COUNTY:DANE	TRAFFIC SIGNAL PLAN	SHEET	E

FILE NAME : C:\PWV8I-LOCAL\BAKER_PROJECTS\ALICIA.DESHASIER\D0290664\024001_SP.DWG
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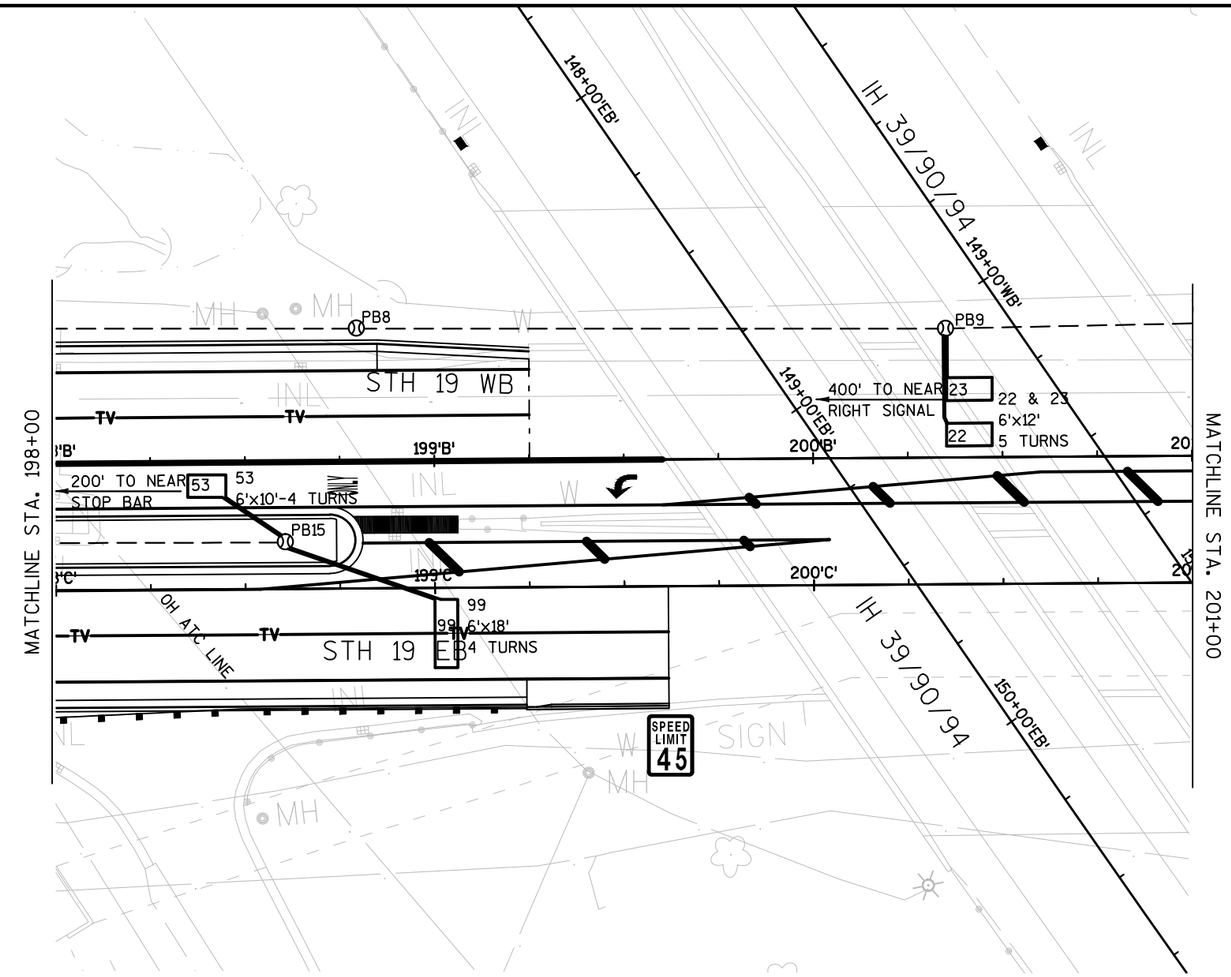
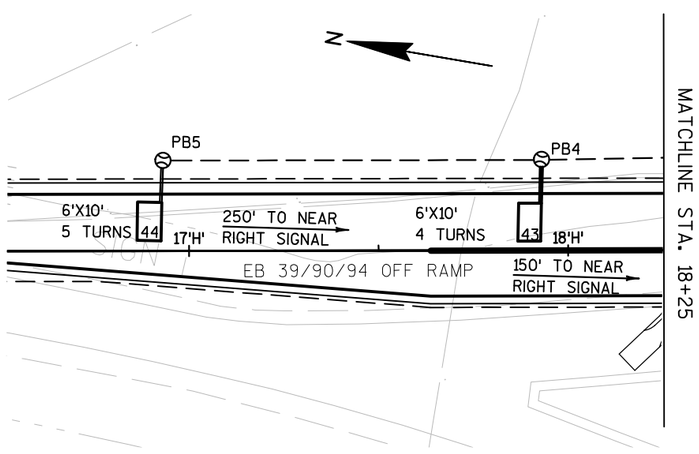




LEGEND

- NONMETALLIC CONDUIT 2", UNLESS OTHERWISE NOTED
- LOOP DETECTOR IN 1" NONMETALLIC CONDUIT
- NONCONDUCTIVE PULL BOX, 24" X 42"

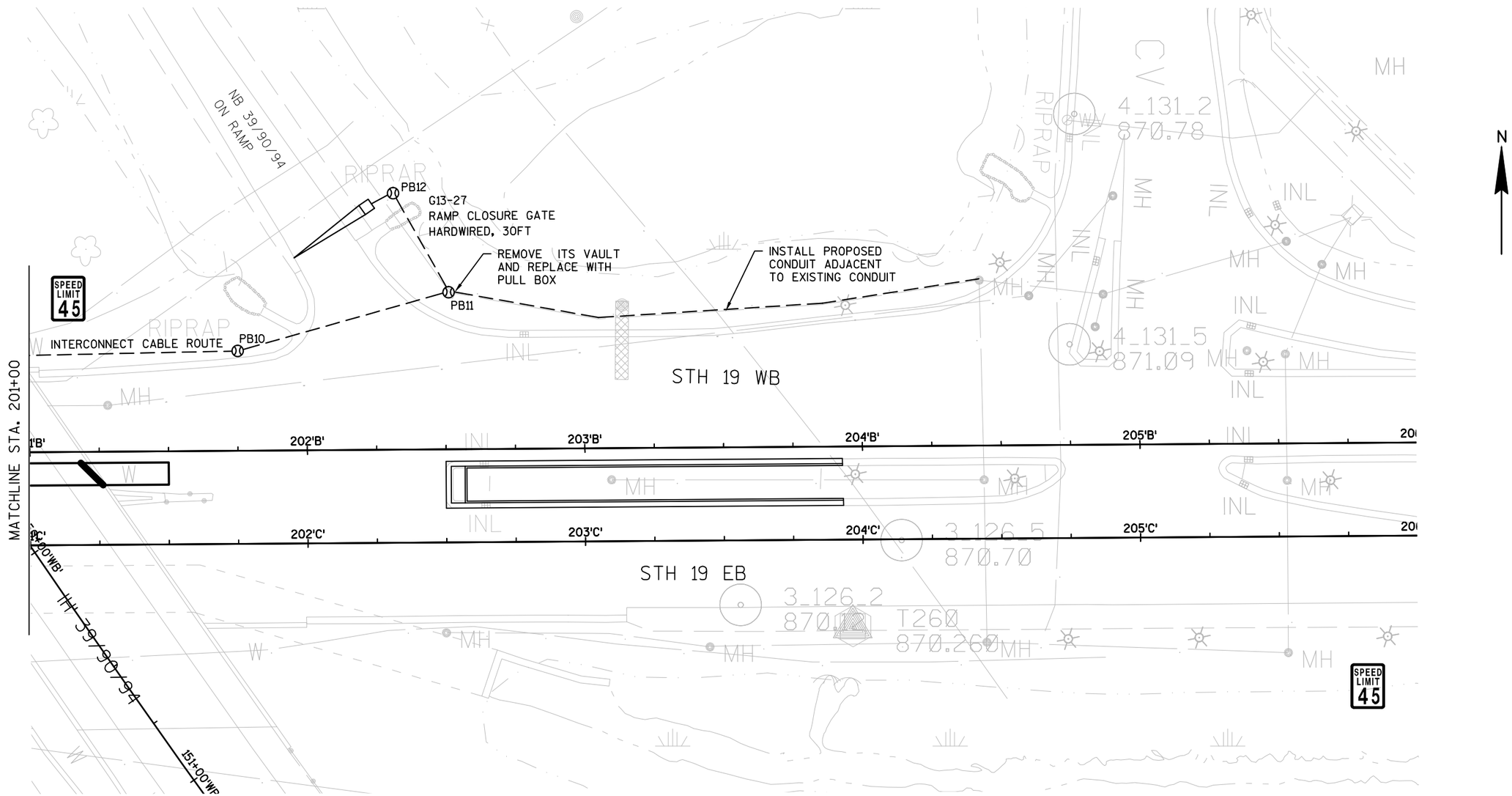
TRAFFIC CONTROL SIGNAL
STH 19 & I 39/90/94 SB RAMPS
TOWN OF WINDSOR
DANE COUNTY

SIGNAL NO. S13-1408

REGION CONTACT:
DESIGNED BY:
REVISED BY:

PAGE 2 OF 10

PROJECT NO:1010-02-78	HWY:IH 39	COUNTY:DANE	TRAFFIC SIGNAL PLAN	SHEET	E



LEGEND

- NONMETALLIC CONDUIT 2", UNLESS OTHERWISE NOTED
- RAMP GATE
- LOOP DETECTOR IN 1" NONMETALLIC CONDUIT
- NONCONDUCTIVE PULL BOX, 24" X 42"

TRAFFIC CONTROL SIGNAL
STH 19 & I 39/90/94 SB RAMPS
TOWN OF WINDSOR
DANE COUNTY

SIGNAL NO. S13-1408

REGION CONTACT:
DESIGNED BY:
REVISED BY:

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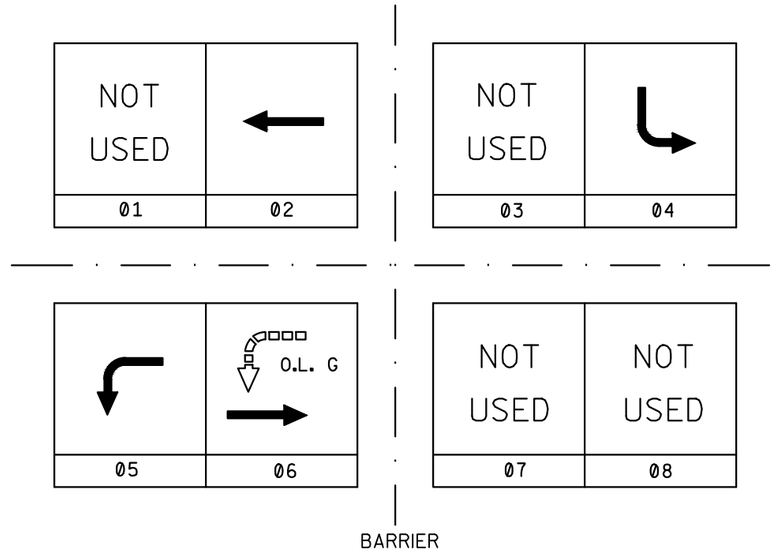
PROJECT NO:1010-02-78	HWY:IH 39	COUNTY:DANE	TRAFFIC SIGNAL PLAN	SHEET	E

	HEAD NUMBERS	FLASH	
01			
02	4-6	R	
03			
04	10-12	R	
05	7-9	R	
06	1-3	R	
07			
08			
02 PED			
04 PED			
06 PED			
08 PED			O.L. ASSIGNMENTS
OLA			
OLB			
OLC			
OLD			
OLE			
OLF			
OLG	7-9		06
OLH			



CONTROLLER LOGIC

PHASE NUMBER	PHASE LOCKING	DUAL ENTRY W / ?	PHASE RECALL	PHASE ACTIVE
1				
2	X	6	MIN	X
3				
4				X
5				
6	X	2	MIN	X
7				
8				

N

TYPE OF INTERCONNECT	
NONE	
TBC	
CLOSED LOOP TWISTED PAIR	
CLOSED LOOP FIBER OPTIC	X
RADIO	

TYPE OF LIGHTING	
BY OTHER AGENCY	
IN TRAFFIC SIGNAL CABINET	X
IN SEPARATE DOT LIGHTING CABINET	

TYPE OF PRE-EMPT	
NONE	X
RAILROAD	
EMERGENCY VEHICLE	
GTT	
TOMAR	
HARDWIRE	
OTHER	
LIFT BRIDGE	
QUEUE DETECTOR	X

TYPE OF REMOTE COMMUNICATION	
NONE	
FIBER	X
CELL MODEM	
PHONE	

CENTRAL SYSTEM	
LOCATION OF MASTER CONTROLLER NO:	
SIGNAL SYSTEM #:	SS-13-0110

DETECTOR LOGIC

DETECTOR INPUT	3	1	7	5	11	9	15	13	19	17	23	21	27	25	31	29	DETECTOR INPUT
DETECTOR #(S)	22	41	43	51	53	62	99*										DETECTOR #(S)
PHASE CALLED	2	4	4	5	5	6											PHASE CALLED
PHASE EXTENDED	2	4	4	5	5	6											PHASE EXTENDED
DISCONNECT TIME																	DISCONNECT TIME
CALLING DELAY							15										CALLING DELAY
EXTENSION STRETCH	2.2					2.2											EXTENSION STRETCH
LOOP FUNCTION							PE										LOOP FUNCTION

DETECTOR INPUT	4	2	8	6	12	10	16	14	20	18	24	22	28	26	32	30	DETECTOR INPUT
DETECTOR #(S)	21	23	42	44	52	61	63										DETECTOR #(S)
PHASE CALLED	2	2	4	4	5	6	6										PHASE CALLED
PHASE EXTENDED	2	2	4	4	5	6	6										PHASE EXTENDED
DISCONNECT TIME	15					15											DISCONNECT TIME
CALLING DELAY																	CALLING DELAY
EXTENSION STRETCH		2.2		2.2			2.2										EXTENSION STRETCH
LOOP FUNCTION	DIS					DIS											LOOP FUNCTION

DIS = DISCONNECT * AN ACTUATION DETECTOR INPUT NO. 15 SHALL INITIATE PREEMPTION PROGRAM 10.

TRAFFIC CONTROL SIGNAL
STH 19 & I 39/90/94 SB RAMPS
TOWN OF WINDSOR
DANE COUNTY

SIGNAL NO. S13-1408

REGION CONTACT:
DESIGNED BY:
REVISED BY:

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N

STH 19 & SB I-39/90/94 SB RAMPS
TRAFFIC SIGNAL CABLING CHART
NO. 14 CABLE

CABLE RUN	CABLE	HEAD NO.	MOVEMENT	LENS	CONDUCTOR COLOR
CABINET TO SB2	5/C	10	SB LT	R	R
				Y	O
				G	G
CABINET TO SB3	5/C	4	WB THRU	R	R
				Y	O
				G	G
CABINET TO SB4	7/C	7	WB LT	R	R
				Y	O
				FY	BK
				G	G
CABINET TO SB5	5/C	2	EB THRU	R	R
				Y	O
				G	G
		3		R	R
				Y	O
				G	G
CABINET TO SB6	5/C	11	SB LT	R	R
				Y	O
				G	G
CABINET TO SB7	5/C	12	SB LT	R	R
				Y	O
				G	G
CABINET TO SB8	9/C	1	EB THRU	R	R
				Y	O
				G	G
		9	WB LT	R	R/BK
				Y	W/BK
				FY	BK
				G	G/BK
CABINET TO SB10	7/C	8	WB LT	R	R
				Y	O
				FY	BK
				G	G
CABINET TO SB11	5/C	5	WB THRU	R	R
				Y	O
				G	G
		6		R	R
				Y	O
				G	G

STH 19 & SB I-39/90/94 SB RAMPS
RAMP GATE CABLING CHART
NO. 12 CABLE, AWG, COPPER STRANDED
U.S.E. RATED, XLP INSULATED
3 CONDUCTORS: 2 GROUND AND 1 POWER

CABLE RUN	CONDUCTOR COLOR	RAMP GATE LOCATION
EXISTING CV METER TO G13-27	BLK/WHITE	NW QUAD OF NB ON RAMP
PROPOSED METER TO G13-28	BLK/WHITE	SE QUAD OF SB ON RAMP

STH 19 & SB I-39/90/94 SB RAMPS
LIGHTING CABLING CHART
NO. 10 UF W/GROUND

CABLE	CABLE RUN	LUMINAIRE LOCATION
2/C WITH GROUND	CABINET TO SB 1	NW QUADRANT
	SB 1 TO SB 2	NORTH ISLAND
	SB 2 TO SB 4	EAST MEDIAN
	SB 4 TO SB 5	SE QUADRANT
	CABINET TO SB 11	NW QUADRANT
	SB 11 TO SB 9	SW QUADRANT
	SB 9 TO SB 8	SW QUADRANT
	SB 8 TO SB 7	SW QUADRANT

STH 19 & SB I-39/90/94 SB RAMPS
VIDEO DETECTION CABLE
CAT-5E

CABLE	CABLE RUN	VIDEO LOCATION
CAT-5E	CABINET TO SB 4	EAST MEDIAN

TRAFFIC CONTROL SIGNAL
STH 19 & I 39/90/94 SB RAMPS
TOWN OF WINDSOR
DANE COUNTY

SIGNAL NO. S13-1408

REGION CONTACT:
DESIGNED BY:
REVISED BY:

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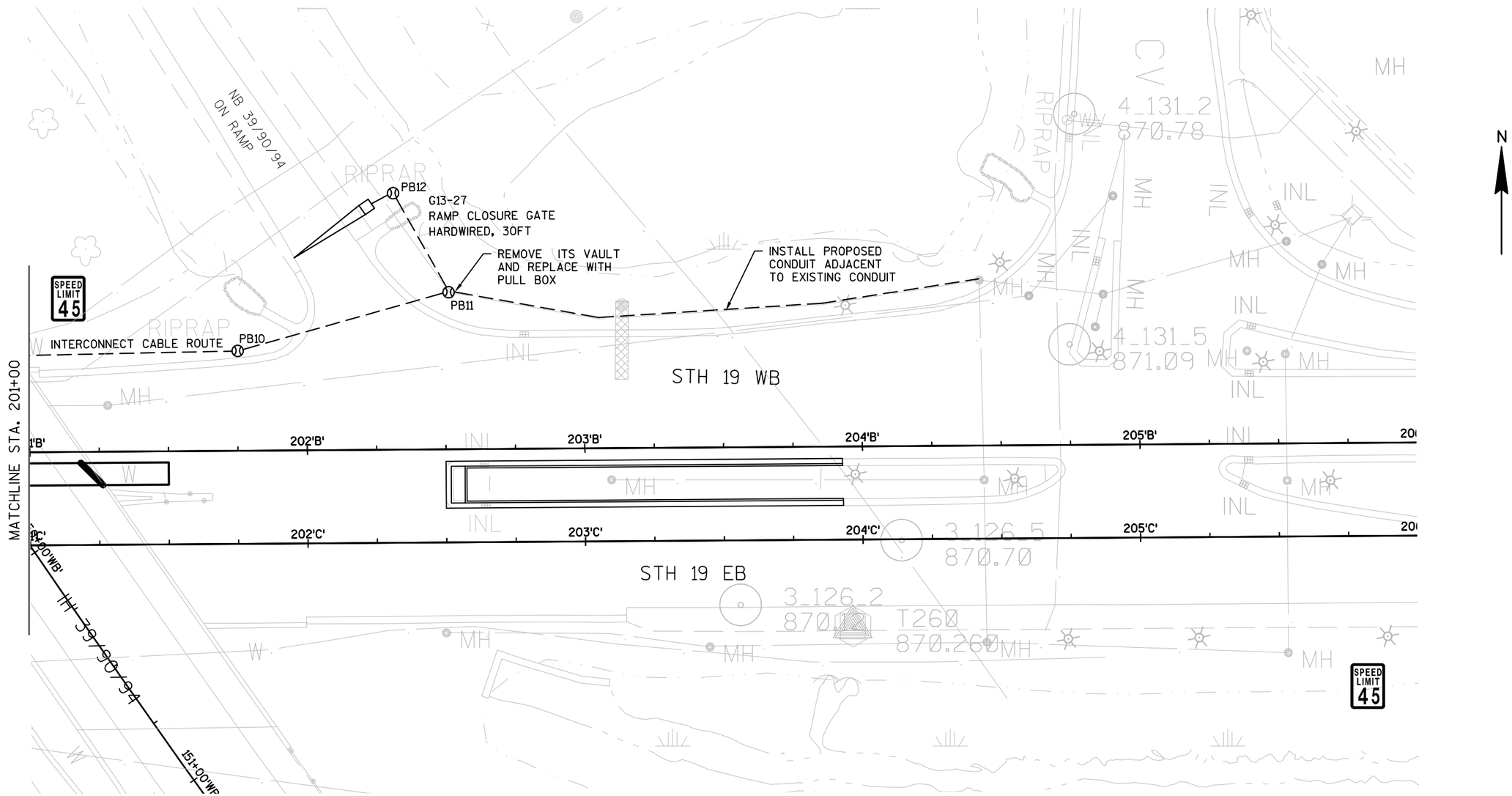
2



LEGEND

- NONMETALLIC CONDUIT 2", UNLESS OTHERWISE NOTED
- RAMP GATE
- LOOP DETECTOR IN 1" NONMETALLIC CONDUIT
- NONCONDUCTIVE PULL BOX, 24" X 42"

TRAFFIC CONTROL SIGNAL
STH 19 & I 39/90/94 SB RAMPS
TOWN OF WINDSOR
DANE COUNTY

SIGNAL NO. S13-1408

REGION CONTACT:
DESIGNED BY:
REVISED BY:

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PROJECT NO:1010-02-78	HWY:IH 39	COUNTY:DANE	TRAFFIC SIGNAL PLAN	SHEET	E

FILE NAME : C:\PWV8I-LOCAL\BAKER_PROJECTS\ALICIA.DESHASIER\D0290664\024001_SP.DWG
LAYOUT NAME - 024003_SP
PLOT DATE : 12/22/2015 2:01 PM PLOT BY : DESHASIER, ALICIA A PLOT NAME : PLOT SCALE : *********

2

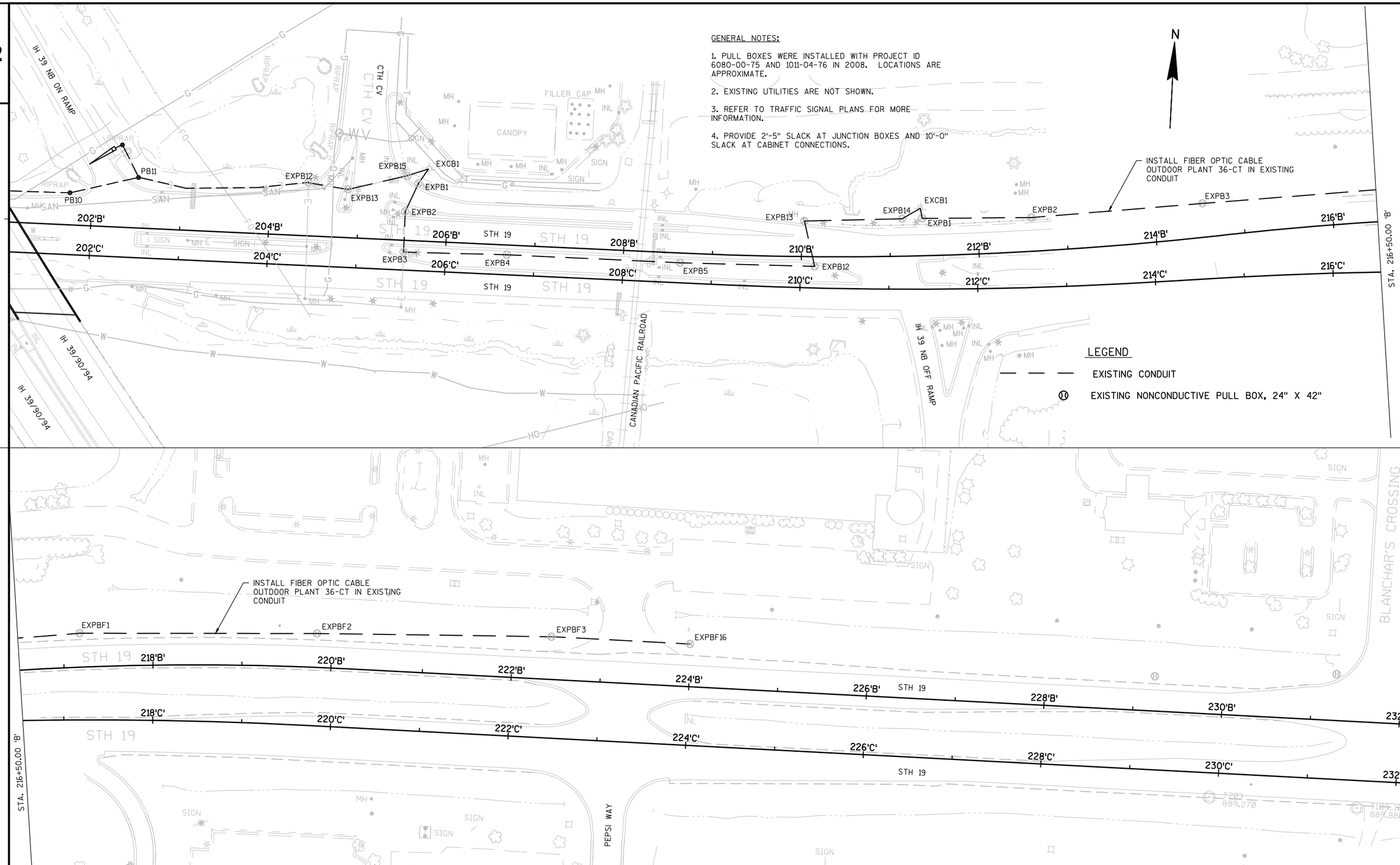
GENERAL NOTES:

1. PULL BOXES WERE INSTALLED WITH PROJECT ID 6080-00-75 AND 1011-04-76 IN 2008. LOCATIONS ARE APPROXIMATE.

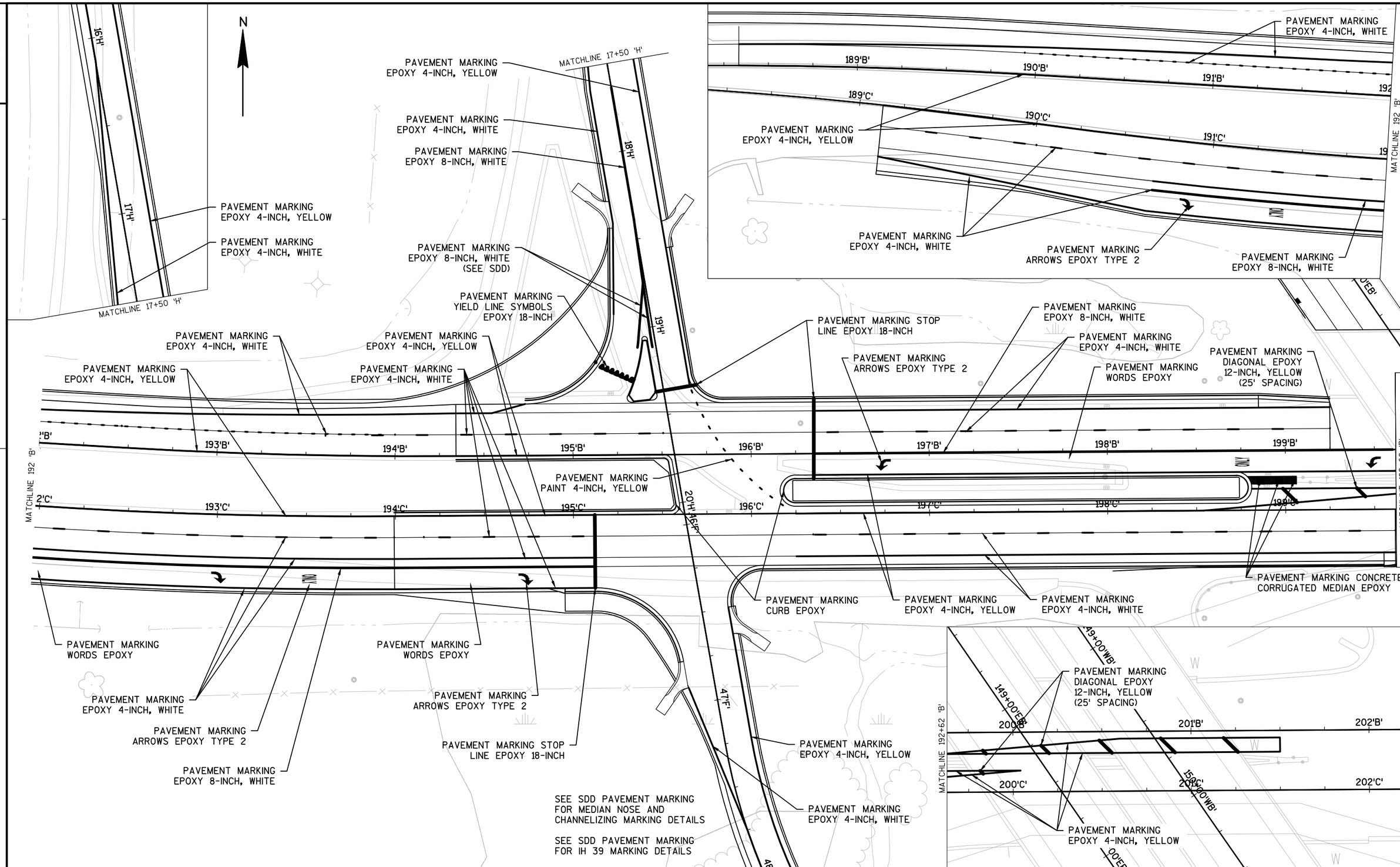
2. EXISTING UTILITIES ARE NOT SHOWN.

3. REFER TO TRAFFIC SIGNAL PLANS FOR MORE INFORMATION.

4. PROVIDE 2'-5" SLACK AT JUNCTION BOXES AND 10'-0" SLACK AT CABINET CONNECTIONS.



PROJECT NO:1010-02-78	HWY:IH 39	COUNTY:DANE	SIGNAL PLAN - INTERCONNECT	SHEET	E



PROJECT NO:1010-02-78	HWY:IH 39	COUNTY:DANE	PAVEMENT MARKING	SHEET	E

FILE NAME : C:\PWV8I-LOCAL\BAKER_PROJECTS\ALICIA.DESHASIER\D0290664\024501_PM.DWG
LAYOUT NAME - 024501_PM
PLOT DATE : 1/11/2016 12:02 PM PLOT BY : DESHASIER, ALICIA A PLOT NAME : PLOT SCALE : 1:50

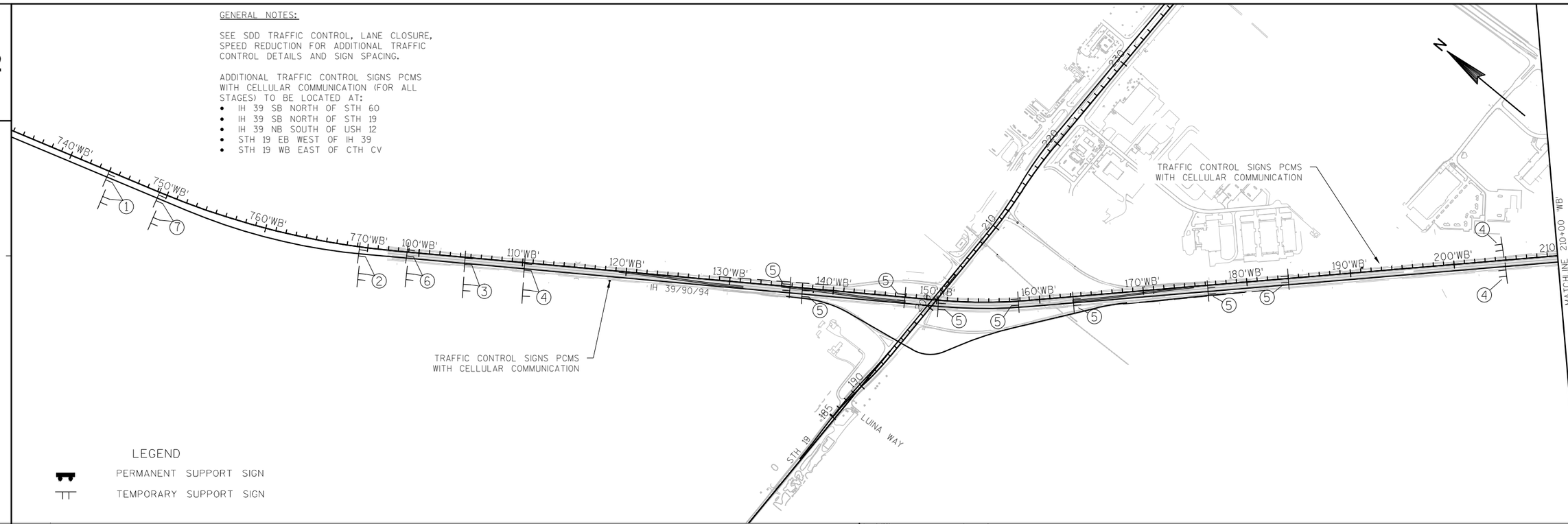
2

GENERAL NOTES:

SEE SDD TRAFFIC CONTROL, LANE CLOSURE, SPEED REDUCTION FOR ADDITIONAL TRAFFIC CONTROL DETAILS AND SIGN SPACING.

ADDITIONAL TRAFFIC CONTROL SIGNS PCMS WITH CELLULAR COMMUNICATION (FOR ALL STAGES) TO BE LOCATED AT:

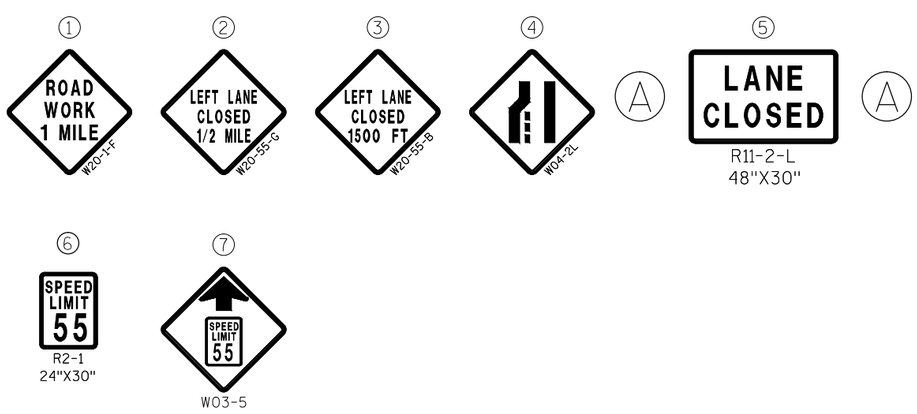
- IH 39 SB NORTH OF STH 60
- IH 39 SB NORTH OF STH 19
- IH 39 NB SOUTH OF USH 12
- STH 19 EB WEST OF IH 39
- STH 19 WB EAST OF CTH CV

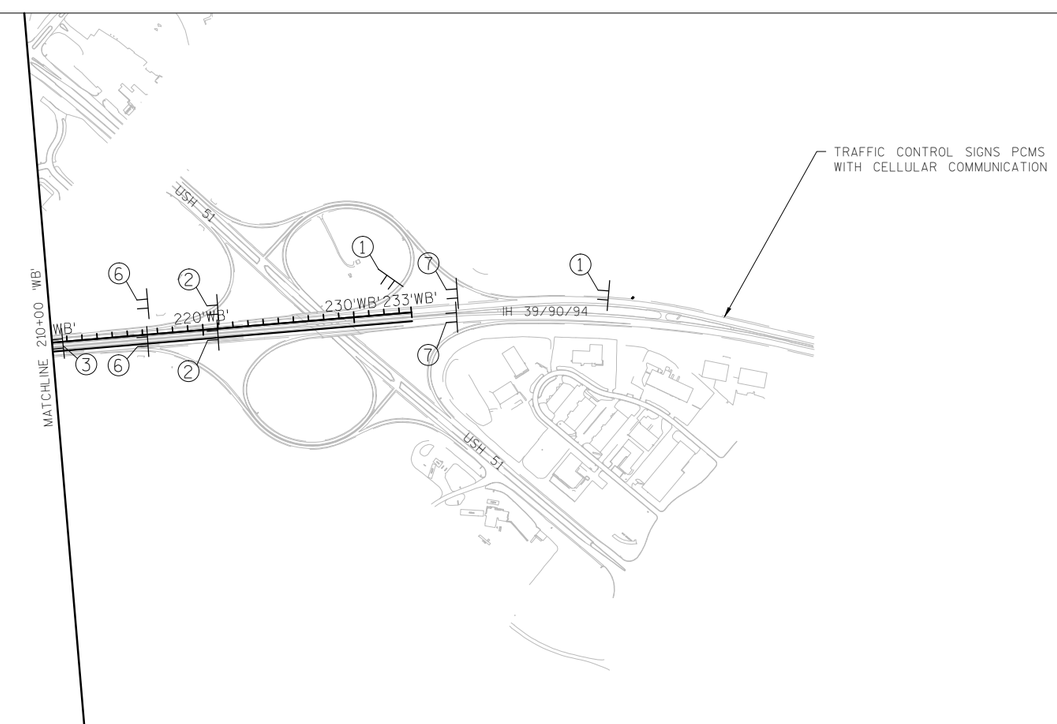


LEGEND

PERMANENT SUPPORT SIGN

TEMPORARY SUPPORT SIGN

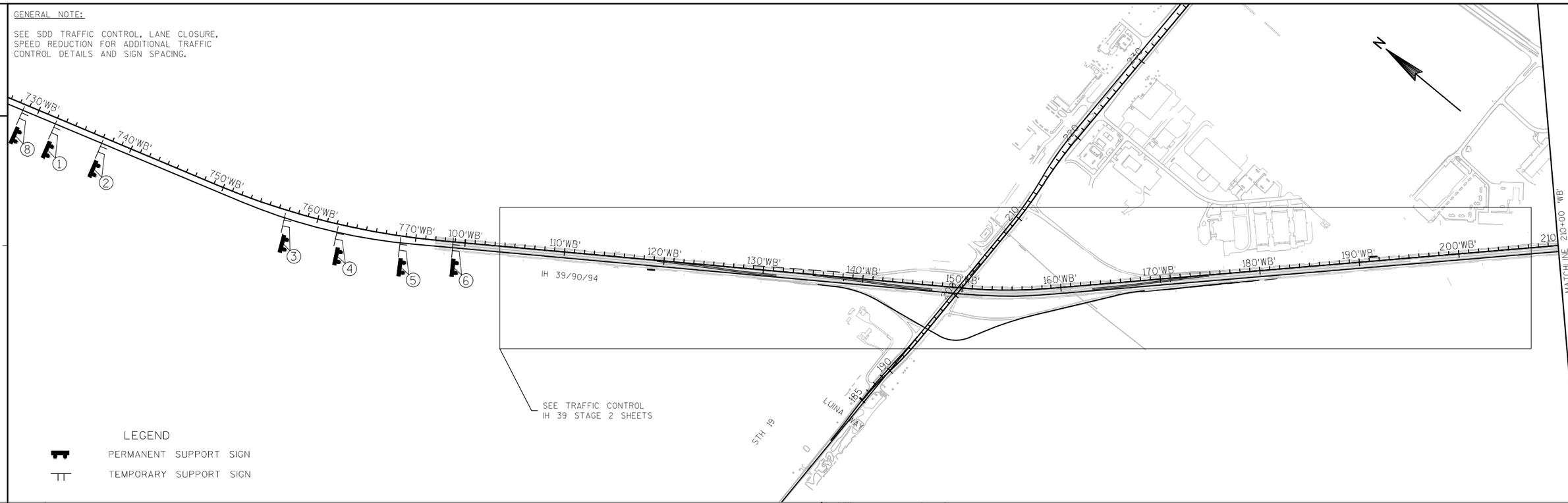


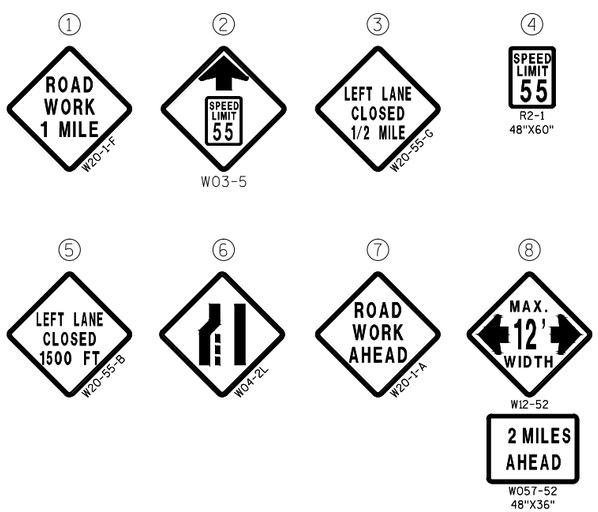


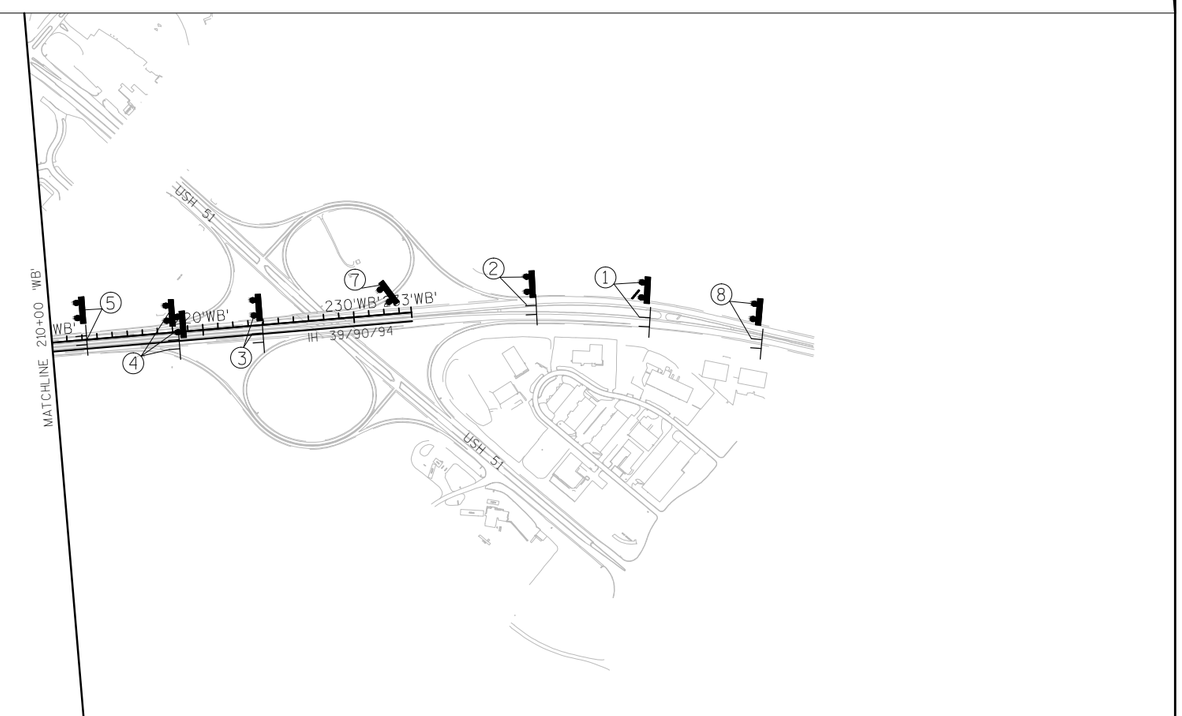
PROJECT NO:1010-02-78	HWY:IH 39	COUNTY:DANE	TRAFFIC CONTROL- IH 39 STAGE 1 &4- ADVANCE WARNING SIGNAGE	SHEET _____	E

GENERAL NOTE:

SEE SDD TRAFFIC CONTROL, LANE CLOSURE, SPEED REDUCTION FOR ADDITIONAL TRAFFIC CONTROL DETAILS AND SIGN SPACING.





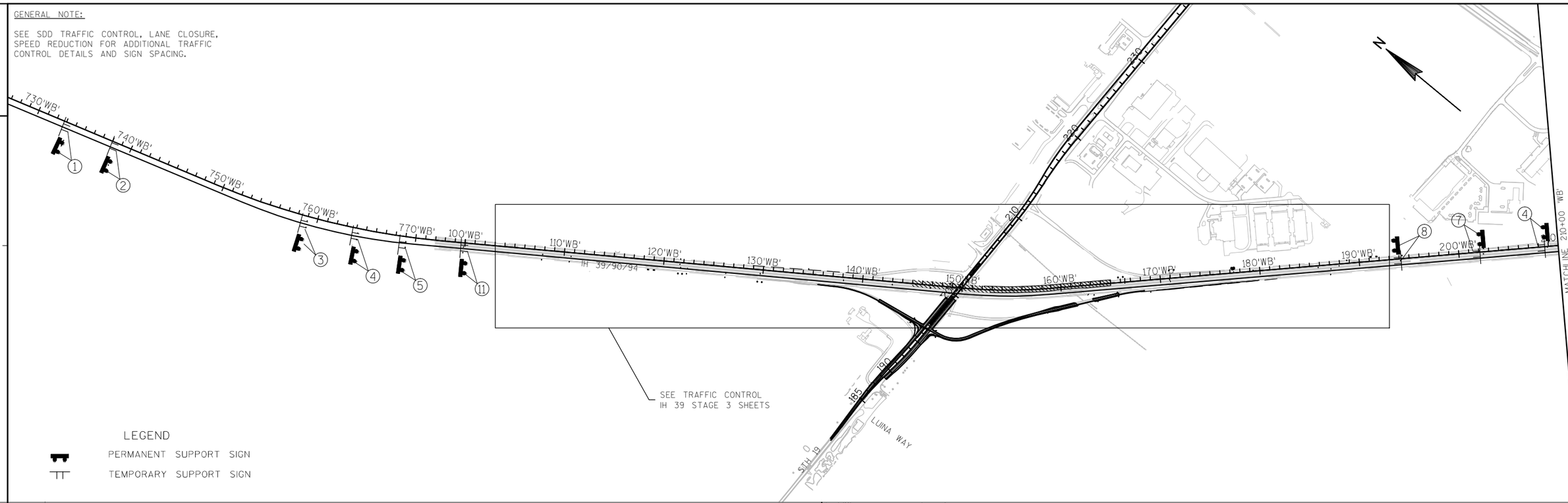


PROJECT NO:1010-02-78	HWY: IH 39	COUNTY: DANE	TRAFFIC CONTROL- IH 39 STAGE 2 - ADVANCE WARNING SIGNAGE	SHEET _____	E

FILE NAME : C:\PWV8I-LOCAL\BAKER_PROJECTS\ALICIA.DESHASIER\D0290664\025001_TC OVERVIEW_IH 39 STAGE 2.DWG
LAYOUT NAME - 025001_TC OVERVIEW_IH 39 STAGE 2
PLOT DATE : 3/12/2015 7:33 AM PLOT BY : DESHASIER, ALICIA A PLOT NAME : _____ PLOT SCALE : 1" = 1000'_XREF

GENERAL NOTE:

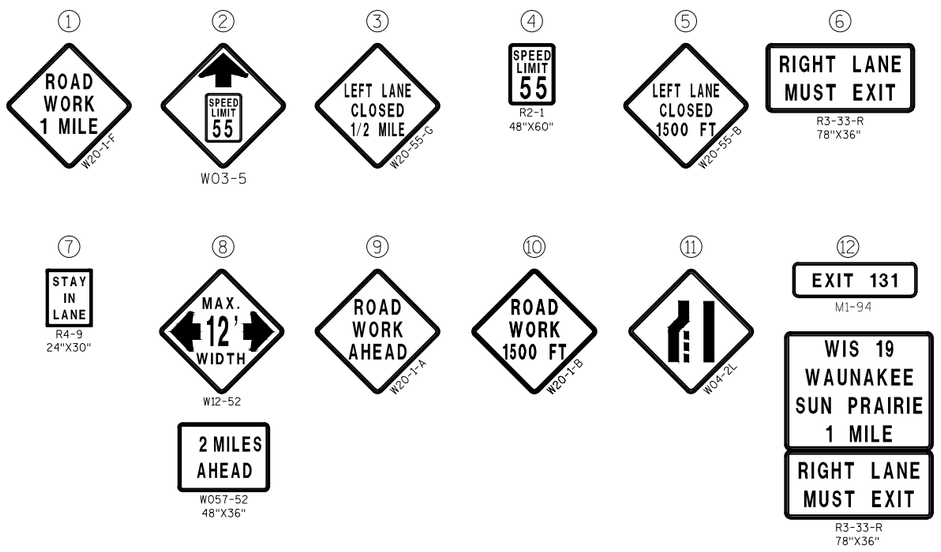
SEE SDD TRAFFIC CONTROL, LANE CLOSURE, SPEED REDUCTION FOR ADDITIONAL TRAFFIC CONTROL DETAILS AND SIGN SPACING.

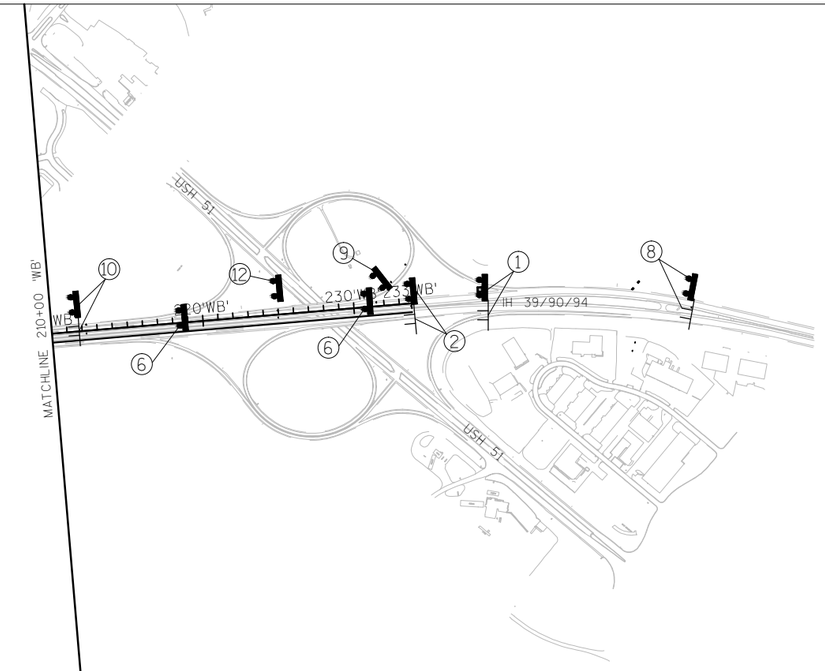


LEGEND

PERMANENT SUPPORT SIGN

TEMPORARY SUPPORT SIGN



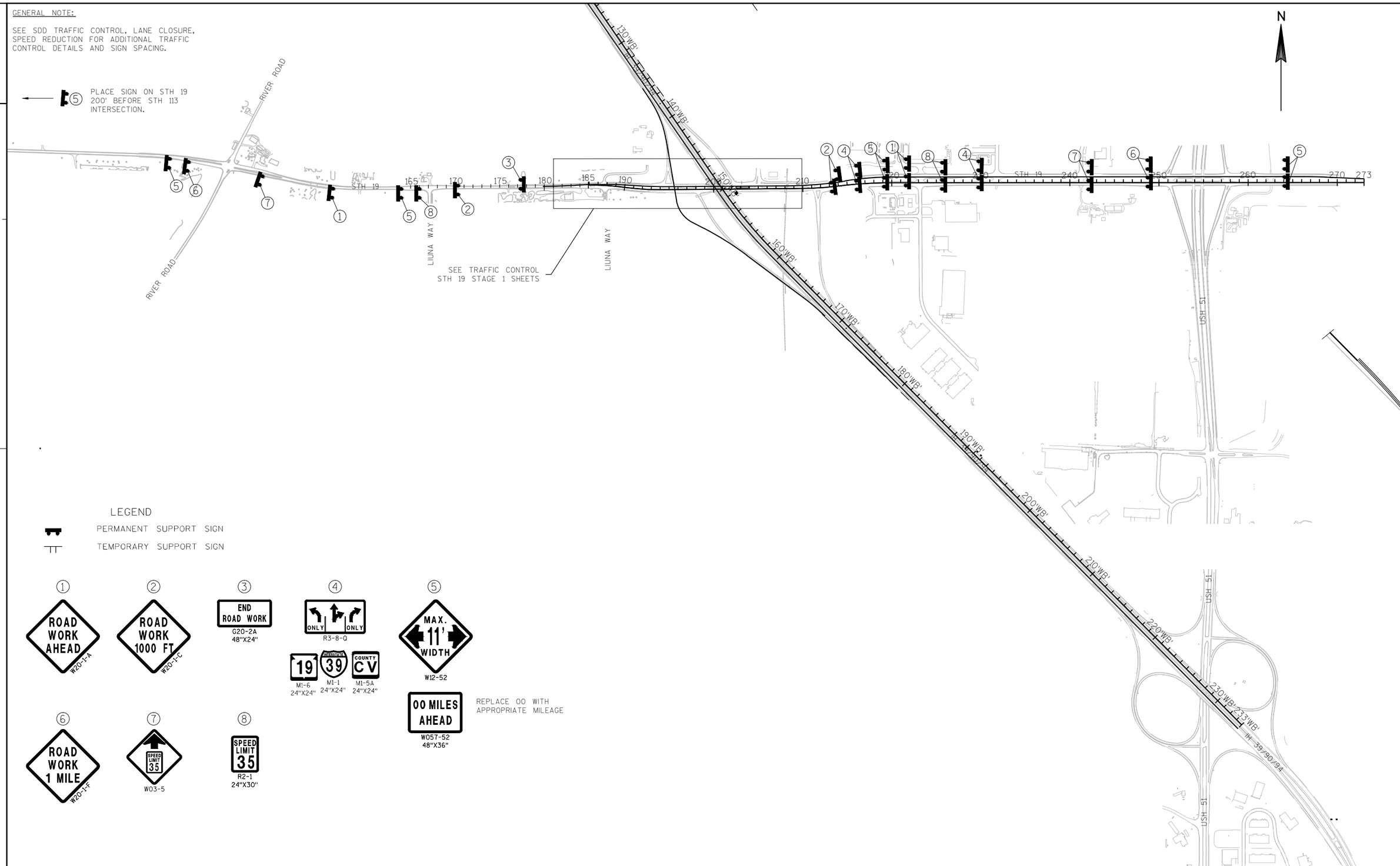


PROJECT NO:1010-02-78	HWY:IH 39	COUNTY:DANE	TRAFFIC CONTROL- IH 39 STAGE 3 - ADVANCE WARNING SIGNAGE	SHEET ____	E

FILE NAME :C:\PWV8I-LOCAL\BAKER_PROJECTS\ALICIA.DESHASIER\D0290664\025001_TC OVERVIEW_IH 39 STAGE 3.DWG
LAYOUT NAME - 025001_TC OVERVIEW_IH 39 STAGE 3
PLOT DATE : 3/12/2015 7:33 AM PLOT BY : DESHASIER, ALICIA A PLOT NAME : ---------- PLOT SCALE : 1" = 1000'_XREF

GENERAL NOTE:

SEE SDD TRAFFIC CONTROL, LANE CLOSURE, SPEED REDUCTION FOR ADDITIONAL TRAFFIC CONTROL DETAILS AND SIGN SPACING.



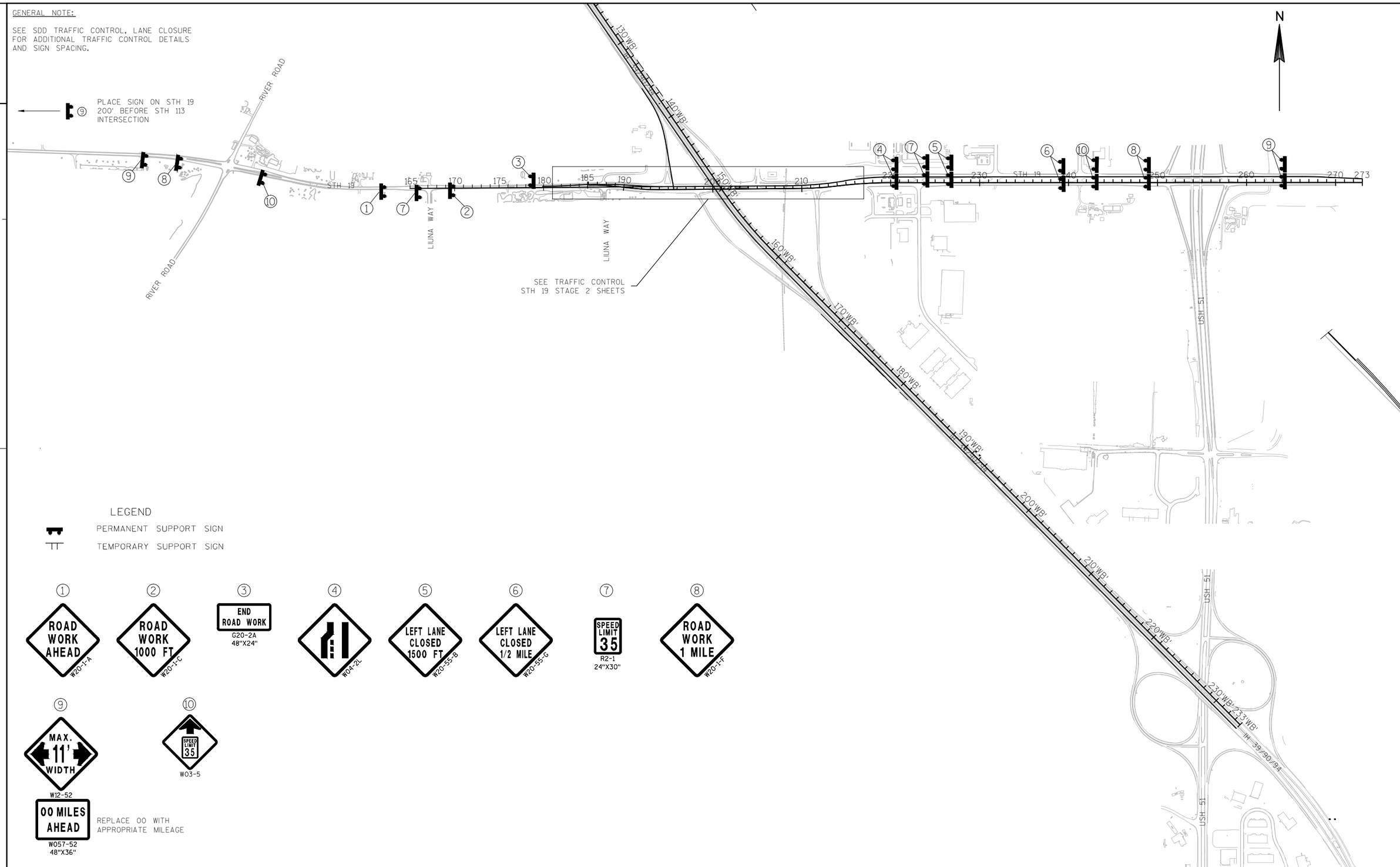
PROJECT NO:1010-02-78	HWY: IH 39	COUNTY: DANE	TRAFFIC CONTROL- STH 19 STAGE 1 - ADVANCE WARNING SIGNAGE	SHEET _____	E

FILE NAME : C:\PWV8I-LOCAL\BAKER_PROJECTS\ALICIA.DESHASIER\D0290664\025001_TC OVERVIEW_STH 19 STAGE 1.DWG
LAYOUT NAME - 025001_TC OVERVIEW_STH 19 STAGE 1
PLOT DATE : 3/12/2015 7:33 AM PLOT BY : DESHASIER, ALICIA A PLOT NAME : _____ PLOT SCALE : 1" = 1000'_XREF

2

GENERAL NOTE:

SEE SDD TRAFFIC CONTROL, LANE CLOSURE FOR ADDITIONAL TRAFFIC CONTROL DETAILS AND SIGN SPACING.



2

PROJECT NO:1010-02-78	HWY:IH 39	COUNTY:DANE	TRAFFIC CONTROL- STH 19 STAGE 2 - ADVANCE WARNING SIGNAGE	SHEET -----	E

2

BEGIN FILL EXISTING RUMBLE STRIPS
AND RESTORE EXISTING RUMBLE STRIPS
STA 126+60'WB' LT

BEGIN REMOVING
PAVEMENT MARKINGS
STA 126+65'EB', 0' RT,
STA 126+65'EB, 12' LT
AND STA 126+65'EB' 24' LT

BEGIN REMOVING
CONCRETE BARRIER
STA 131+16'EB' LT
AND STA 131+16'WB' RT
REPLACE WITH CONCRETE
BARRIER TEMPORARY PRECAST
(IN FINAL CONDITION)

BEGIN AGGREGATE
128+92'WB'
34.5' LT

CONSTRUCT SHOULDER

CONCRETE BARRIER TEMPORARY PRECAST DELIVERED
CONCRETE BARRIER TEMPORARY PRECAST INSTALLED
STA 131+16'WB' TO STA 139+81 'EB'
SEE CONSTRUCTION DETAIL FOR CONFIGURATION

BEGIN REMOVING
PAVEMENT MARKINGS
STA 135+25'WB', 12' RT

END FILL EXISTING RUMBLE STRIPS
AND RESTORE EXISTING RUMBLE STRIPS
STA 137+00'WB' LT

INLET COVERS FLAT TEMPORARY (STAGE 1)
ADJUSTING INLETS (STAGE 4)
STA. 138+08'EB'
STA. 138+08'WB'

BEGIN FILL EXISTING RUMBLE STRIPS
AND RESTORE EXISTING RUMBLE STRIPS
STA 138+50'WB' RT

END REMOVING
CONCRETE BARRIER
STA 139+81'EB' LT
AND STA 139+81'WB' RT
REPLACE WITH CONCRETE
BARRIER TEMPORARY PRECAST
(IN FINAL CONDITION)

END AGGREGATE
139+44'WB'
51.0' LT

126+00'WB' 127+00'WB' 128+00'WB' 129+00'WB' 130+00'WB' 131+00'WB' 132+00'WB' 133+00'WB' 134+00'WB' 135+00'WB' 136+00'WB' 137+00'WB' 138+00'WB' 139+00'WB' 140+00'WB'

126+00'EB' 127+00'EB' 128+00'EB' 129+00'EB' 130+00'EB' 131+00'EB' 132+00'EB' 133+00'EB' 134+00'EB' 135+00'EB' 136+00'EB' 137+00'EB' 138+00'EB' 139+00'EB' 140+00'EB'

MATCH LINE 140+75 'EB'

BEGIN REMOVING
PAVEMENT MARKINGS
STA 129+06'EB', 0' RT
AND STA 129+06'EB' 12' LT

BEGIN FILL EXISTING RUMBLE STRIPS
AND RESTORE EXISTING RUMBLE STRIPS
STA 130+50'EB' RT.

END REMOVING
PAVEMENT MARKINGS
STA 133+50'EB', 12' LT

END FILL EXISTING RUMBLE STRIPS
AND RESTORE EXISTING RUMBLE STRIPS
STA 133+00'EB' RT

BEGIN REMOVING
PAVEMENT MARKINGS
STA 135+25'EB', 12' LT

BEGIN REMOVING
PAVEMENT MARKINGS
STA 132+27'EB', 24' RT

END REMOVING
PAVEMENT MARKINGS
STA 132+00'EB', 0' RT

BEGIN REMOVING
PAVEMENT MARKINGS
STA 136+60'EB', 12' RT
AND STA 136+60'EB' 24' RT

END REMOVING
PAVEMENT MARKINGS
STA 136+63'EB', 24' RT

BEGIN REMOVING
PAVEMENT MARKINGS
STA 138+00'EB', 0' RT

BEGIN FILL EXISTING RUMBLE STRIPS
AND RESTORE EXISTING RUMBLE STRIPS
STA 138+00'EB' RT

9'H' 10'H' 11'H' 12'H' 13'H'

REMOVING PAVEMENT MARKINGS

BEGIN FILL EXISTING RUMBLE STRIPS
AND RESTORE EXISTING RUMBLE STRIPS
STA 141+00'WB' LT

END RESTORE EXISTING
RUMBLE STRIPS
BEGIN CONCRETE SHOULDER
RUMBLE STRIPS
STA 145+00'WB' LT

END RESTORE EXISTING
RUMBLE STRIPS
BEGIN CONCRETE SHOULDER
RUMBLE STRIPS
STA 145+00'WB' LT

END FILL EXISTING
RUMBLE STRIPS
END CONCRETE SHOULDER
RUMBLE STRIPS
STA 148+50'WB' LT

END FILL EXISTING
RUMBLE STRIPS
END CONCRETE SHOULDER
RUMBLE STRIPS
STA 148+50'WB' RT

INLET COVERS FLAT TEMPORARY (STAGE 1)
ADJUSTING INLETS (STAGE 2)
STA. 202+60'B'
STA. 202+60'C'
STA. 203+10'B'

BEGIN FILL EXISTING
RUMBLE STRIPS
BEGIN CONCRETE SHOULDER
RUMBLE STRIPS
STA 151+00'WB' LT

BEGIN FILL EXISTING
RUMBLE STRIPS
BEGIN CONCRETE SHOULDER
RUMBLE STRIPS
STA 151+00'WB' RT

MATCH LINE 140+75 'EB'

141+00'WB' 142+00'WB' 143+00'WB' 144+00'WB' 145+00'WB' 146+00'WB' 147+00'WB' 148+00'WB' 149+00'WB' 150+00'WB' 151+00'WB' 152+00'WB' 153+00'WB' 154+00'WB' 155+00'WB'

141+00'EB' 142+00'EB' 143+00'EB' 144+00'EB' 145+00'EB' 146+00'EB' 147+00'EB' 148+00'EB' 149+00'EB' 150+00'EB' 151+00'EB' 152+00'EB' 153+00'EB' 154+00'EB' 155+00'EB'

202'C'

200'C'

198'C'

END REMOVING
PAVEMENT MARKINGS
STA 143+24'EB', 12' LT,
STA 143+24'EB', 0' RT,
STA 143+24'EB', 12' RT
AND STA 143+24'EB', 24' RT

BEGIN CONCRETE SHOULDER
RUMBLE STRIPS
STA 143+50'EB' LT

END FILL EXISTING RUMBLE STRIPS
AND RESTORE EXISTING RUMBLE STRIPS
BEGIN CONCRETE SHOULDER RUMBLE STRIPS
STA 143+24'EB' RT

END CONCRETE SHOULDER
RUMBLE STRIPS
STA 148+00'EB' LT

END CONCRETE SHOULDER
RUMBLE STRIPS
STA 148+00'EB' RT

BEGIN CONCRETE SHOULDER
RUMBLE STRIPS
STA 151+00'EB' LT

BEGIN CONCRETE SHOULDER
RUMBLE STRIPS
STA 151+00'EB' RT

14'H' 15'H' 16'H' 17'H'

MATCH LINE 155+75 'EB'

PROJECT NO:1010-02-78	HWY:IH 39	COUNTY:DANE	PLAN: STAGING DETAILS	SHEET	E

2

BEGIN FILL EXISTING RUMBLE STRIPS BEGIN CONCRETE SHOULDER RUMBLE STRIPS STA 162+00'WB' LT

BEGIN FILL EXISTING RUMBLE STRIPS BEGIN CONCRETE SHOULDER RUMBLE STRIPS STA 162+00'WB' RT

END CONCRETE SHOULDER RUMBLE STRIPS BEGIN RESTORE EXISTING RUMBLE STRIPS STA 165+00'WB' RT

END CONCRETE SHOULDER RUMBLE STRIPS BEGIN RESTORE EXISTING RUMBLE STRIPS STA 165+00'WB' RT

END FILL EXISTING RUMBLE STRIPS END CONCRETE SHOULDER RUMBLE STRIPS STA 159+00'WB' LT

END FILL EXISTING RUMBLE STRIPS END CONCRETE SHOULDER RUMBLE STRIPS STA 159+45'WB' LT

MATCH LINE 155+75'EB'

156+00'WB' 157+00'WB' 158+00'WB' 159+00'WB' 160+00'WB' 161+00'WB' 162+00'WB' 163+00'WB' 164+00'WB' 165+00'WB' 166+00'WB' 167+00'WB' 168+00'WB' 169+00'WB' 170+00'WB'

156+00'EB' 157+00'EB' 158+00'EB' 159+00'EB' 160+00'EB' 161+00'EB' 162+00'EB' 163+00'EB' 164+00'EB' 165+00'EB' 166+00'EB' 167+00'EB' 168+00'EB' 169+00'EB' 170+00'EB'

IH 39/90/94

END CONCRETE SHOULDER RUMBLE STRIPS STA 160+00'EB' LT

END CONCRETE SHOULDER RUMBLE STRIPS STA 160+60'EB' RT

BEGIN CONCRETE SHOUDLER RUMBLE STRIPS STA 162+00'EB' RT

BEGIN CONCRETE SHOULDER RUMBLE STRIPS STA 162+45'EB' RT

END CONCRETE SHOULDER RUMBLE STRIPS STA 166+00'EB' RT

BEGIN AGGREGATE 167+96'EB' 51.0' RT

BEGIN HMA 169+54'EB' 48.0' RT

BEGIN REMOVING CONCRETE BARRIER STA 169+52'EB' AND STA 169+52'WB'. REPLACE WITH CONCRETE BARRIER TEMPORARY PRECAST (IN FINAL CONDITION).

BEGIN REMOVING PAVEMENT MARKINGS STA 166+10'EB', 12' LT STA 166+10'EB', 0' RT STA 166+10'EB', 12' RT AND STA 166+10'EB', 24' RT

CONSTRUCT SHOULDER

56'F' 57'F' 58'F' 59'F' 60'F' 61'F' 62'F' 63'F' 64'F' 65'F' 66'F' 67'F' 68'F'

REMOVING PAVEMENT MARKINGS

CANADIAN PACIFIC

MATCH LINE 170+50'EB'

2

END FILL EXISTING RUMBLE STRIPS AND RESTORE EXISTING RUMBLE STRIPS STA 172+00'WB' LT

END REMOVING PAVEMENT MARKINGS STA 171+65'WB', 0' RT

END FILL EXISTING RUMBLE STRIPS AND RESTORE EXISTING RUMBLE STRIPS STA 172+00'WB' RT

BEGIN FILL EXISTING RUMBLE STRIPS AND RESTORE EXISTING RUMBLE STRIPS STA 174+00'WB' LT

END REMOVING PAVEMENT MARKINGS STA 174+80'WB', 12' RT

BEGIN REMOVING PAVEMENT MARKINGS STA 176+40'WB', 12' RT

BEGIN REMOVING PAVEMENT MARKINGS STA 178+30'WB', 0' RT

END REMOVING PAVEMENT MARKINGS STA 183+00'WB', 0' RT AND STA 183+00'WB', 12' RT

END FILL EXISTING RUMBLE STRIPS AND RESTORE EXISTING RUMBLE STRIPS STA 186+00'WB' LT

END REMOVING PAVEMENT MARKINGS STA 201+50'WB', 12' LT AND STA 186+00'WB, 24' LT

MATCH LINE 170+75'EB'

171+00'WB' 172+00'WB' 173+00'WB' 174+00'WB' 175+00'WB' 176+00'WB' 177+00'WB' 178+00'WB' 179+00'WB' 180+00'WB' 181+00'WB' 182+00'WB' 183+00'WB' 184+00'WB' 185+00'WB' 186+00'WB

171+00'EB' 172+00'EB' 173+00'EB' 174+00'EB' 175+00'EB' 176+00'EB' 177+00'EB' 178+00'EB' 179+00'EB' 180+00'EB' 181+00'EB' 182+00'EB' 183+00'EB' 184+00'EB' 185+00'EB' 186+00'EB

IH 39/90/94

INLET COVERS FLAT TEMPORARY (STAGE 1) ADJUSTING INLETS (STAGE 4) STA. 171+00'EB' STA. 171+00'WB'

END REMOVING PAVEMENT MARKINGS STA 174+50'EB', 12' LT

BEGIN REMOVING PAVEMENT MARKINGS STA 176+45'EB', 12' LT

BEGIN REMOVING PAVEMENT MARKINGS STA 178+43'EB', 0' RT

CONSTRUCT SHOULDER

CONCRETE BARRIER TEMPORARY PRECAST DELIVERED CONCRETE BARRIER TEMPORARY PRECAST INSTALLED STA 169+52 'WB' TO STA 178+80 'EB' SEE CONSTRUCTION DETAIL FOR CONFIGURATION

END HMA 179+86'EB' 34.5' RT

END REMOVING CONCRETE BARRIER STA 178+80'EB' AND STA 178+80'WB'. REPLACE WITH CONCRETE BARRIER TEMPORARY PRECAST (IN FINAL CONDITION).

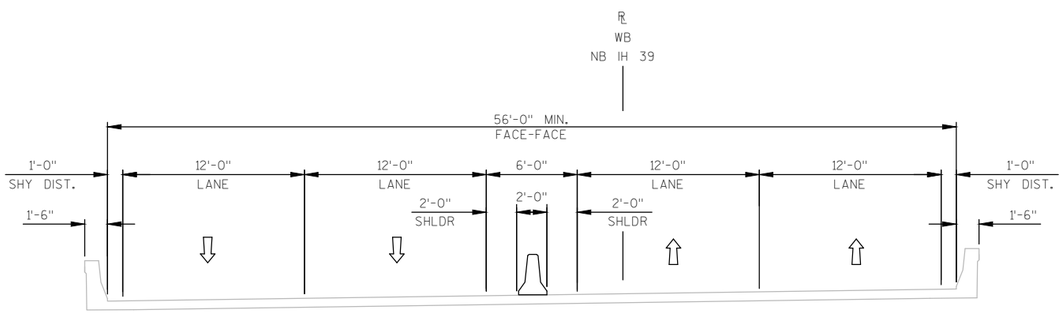
END AGGREGATE 181+66'EB' 35.0' RT

END REMOVING PAVEMENT MARKINGS STA 182+98'EB', 0' RT AND STA 182+98'EB, 12' LT

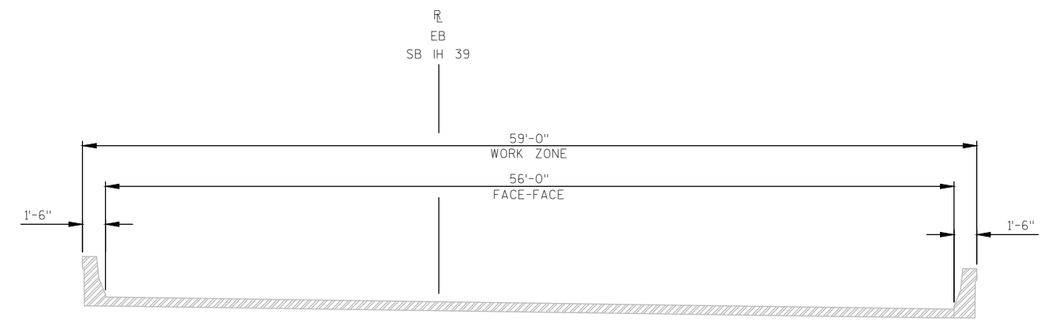
END REMOVING PAVEMENT MARKINGS STA 184+00'EB', 0' RT STA 184+00'EB', 12' RT AND STA 184+00'EB', 24' RT

PROJECT NO:1010-02-78	HWY:IH 39	COUNTY:DANE	PLAN: STAGING DETAILS	SHEET	E

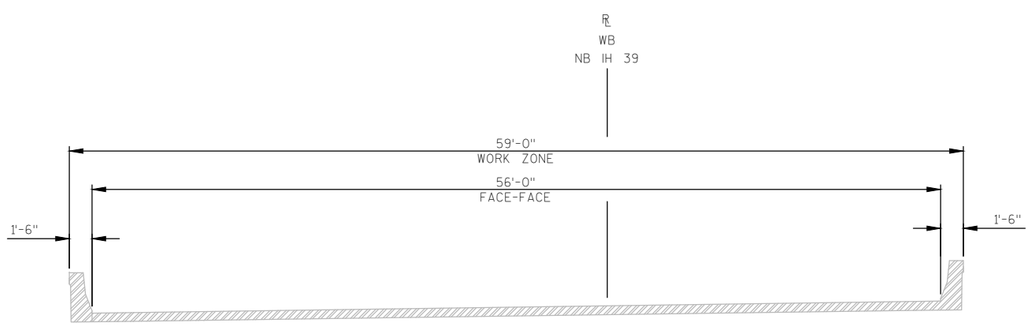
2



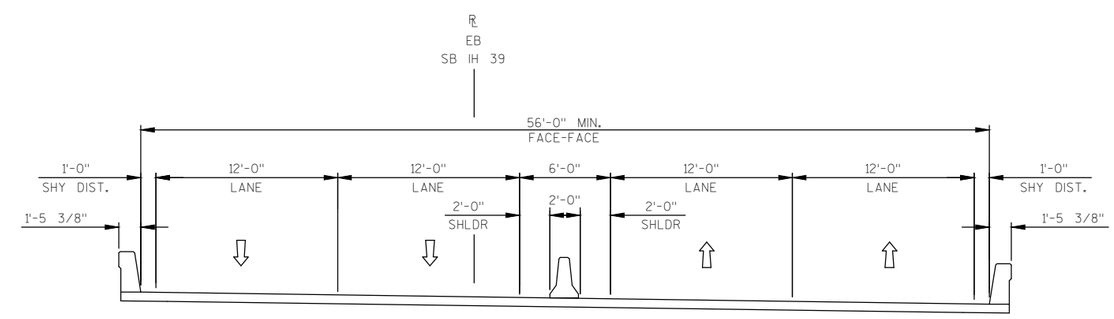
TYPICAL SECTION STAGE 2 - IH 39
WESTBOUND B-13-92 AND B-13-94
(LOOKING SOUTH)



TYPICAL SECTION STAGE 2 - IH 39
EASTBOUND B-13-91 AND B-13-93
(LOOKING SOUTH)



TYPICAL SECTION STAGE 3 - IH 39
WESTBOUND B-13-92 AND B-13-94
(LOOKING SOUTH)



TYPICAL SECTION STAGE 3 - IH 39
EASTBOUND B-13-91 AND B-13-93
(LOOKING SOUTH)

PROJECT NO:1010-02-78	HWY:IH 39	COUNTY:DANE	TRAFFIC CONTROL - IH 39 STAGING TYPICAL SECTIONS	SHEET _____	E

2

DESIGN NOTE: IH 39
STAGE 1: LANE CLOSURES TO CONSTRUCT CROSSOVERS
STAGE 2: SHIFT TRAFFIC TO NB LANES
STAGE 3: SHIFT TRAFFIC TO SB LANES
STAGE 4: LANE CLOSURES TO REMOVE CROSSOVERS AND APPLY PAVEMENT MARKINGS.

GENERAL NOTES

ALL SIGNS 48x48 UNLESS OTHERWISE NOTED.

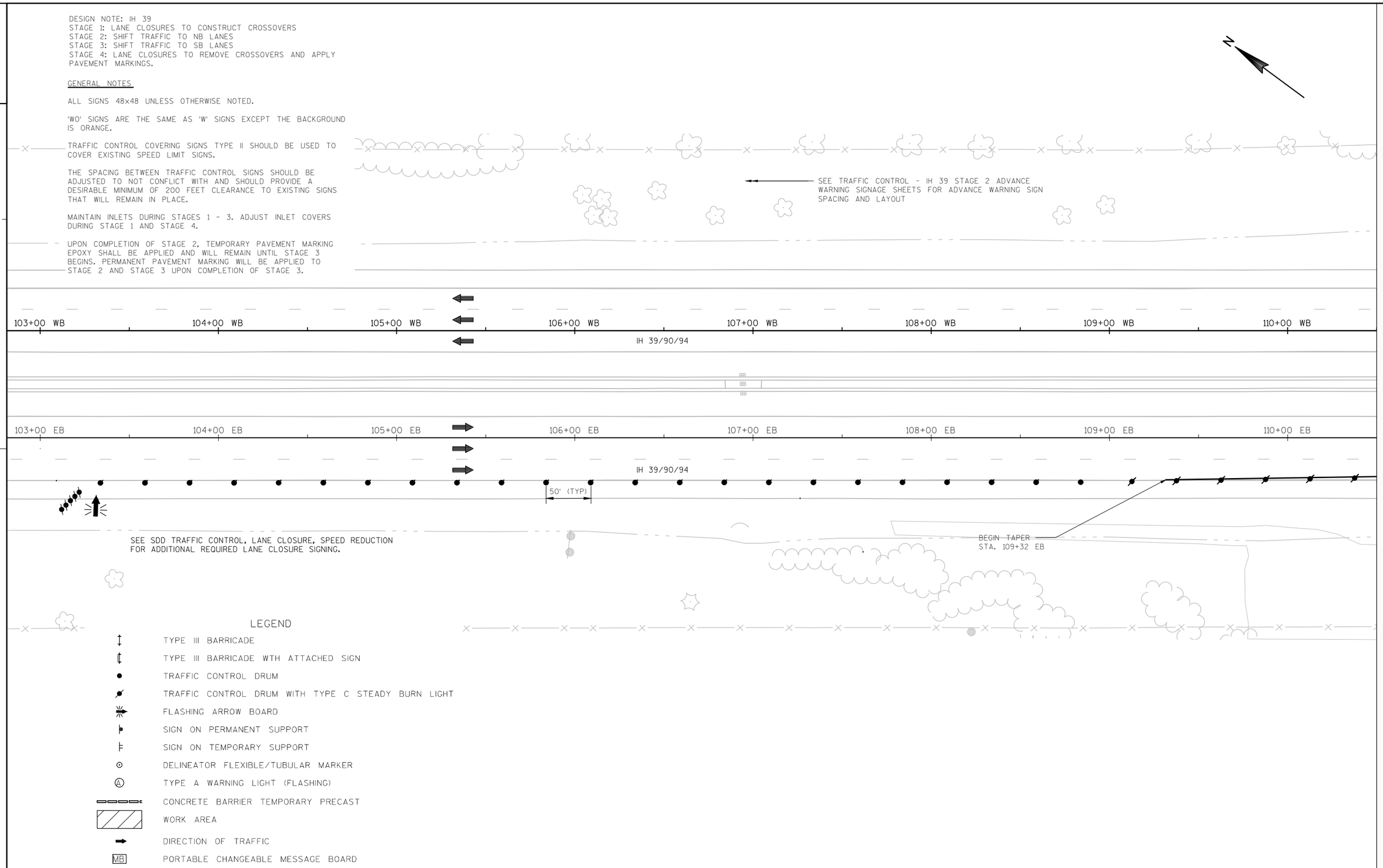
'WO' SIGNS ARE THE SAME AS 'W' SIGNS EXCEPT THE BACKGROUND IS ORANGE.

TRAFFIC CONTROL COVERING SIGNS TYPE II SHOULD BE USED TO COVER EXISTING SPEED LIMIT SIGNS.

THE SPACING BETWEEN TRAFFIC CONTROL SIGNS SHOULD BE ADJUSTED TO NOT CONFLICT WITH AND SHOULD PROVIDE A DESIRABLE MINIMUM OF 200 FEET CLEARANCE TO EXISTING SIGNS THAT WILL REMAIN IN PLACE.

MAINTAIN INLETS DURING STAGES 1 - 3. ADJUST INLET COVERS DURING STAGE 1 AND STAGE 4.

UPON COMPLETION OF STAGE 2, TEMPORARY PAVEMENT MARKING EPOXY SHALL BE APPLIED AND WILL REMAIN UNTIL STAGE 3 BEGINS. PERMANENT PAVEMENT MARKING WILL BE APPLIED TO STAGE 2 AND STAGE 3 UPON COMPLETION OF STAGE 3.



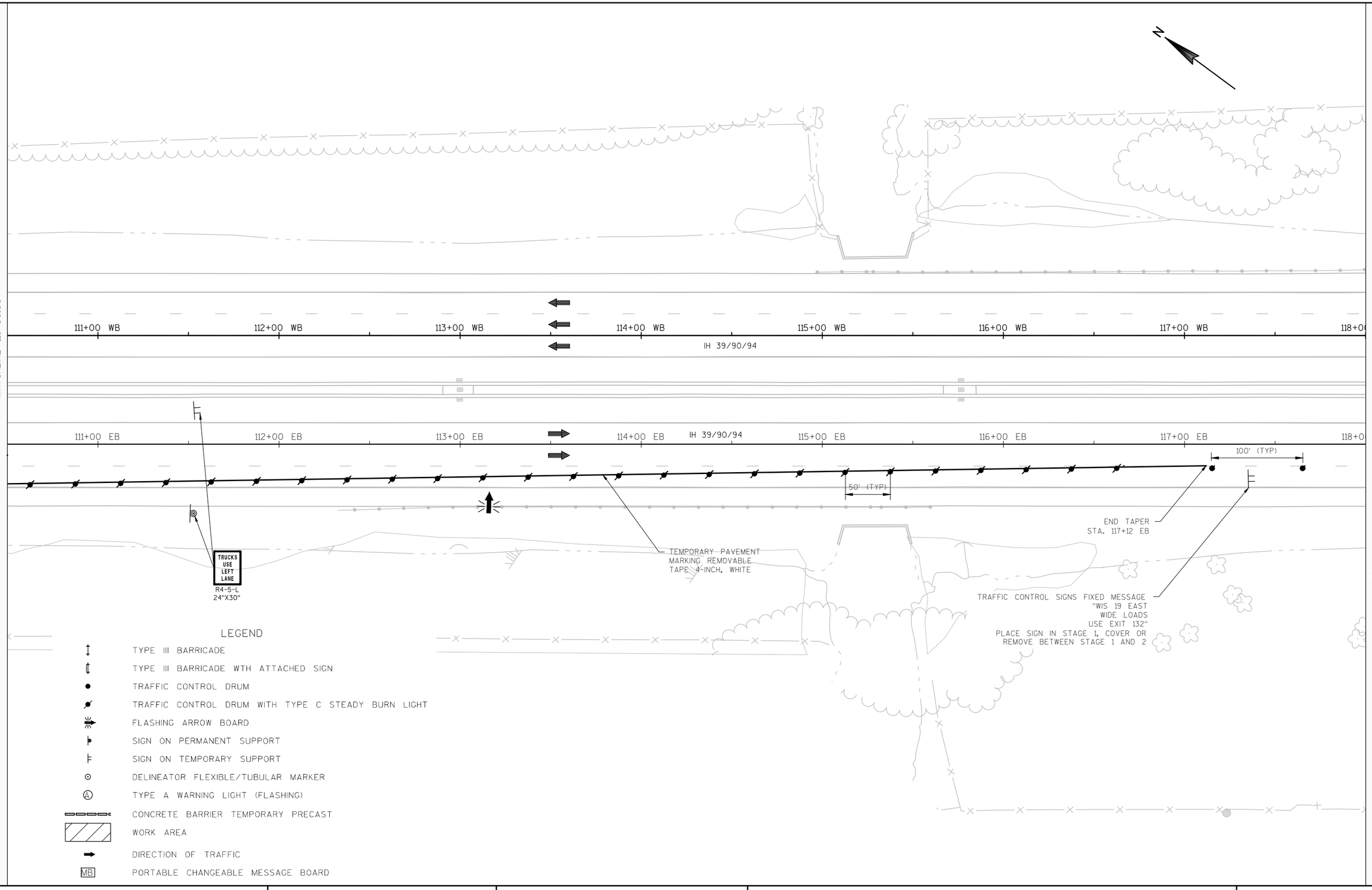
LEGEND

- TYPE III BARRICADE
- TYPE III BARRICADE WTH ATTACHED SIGN
- TRAFFIC CONTROL DRUM
- TRAFFIC CONTROL DRUM WITH TYPE C STEADY BURN LIGHT
- FLASHING ARROW BOARD
- SIGN ON PERMANENT SUPPORT
- SIGN ON TEMPORARY SUPPORT
- DELINEATOR FLEXIBLE/TUBULAR MARKER
- TYPE A WARNING LIGHT (FLASHING)
- CONCRETE BARRIER TEMPORARY PRECAST
- WORK AREA
- DIRECTION OF TRAFFIC
- MB PORTABLE CHANGEABLE MESSAGE BOARD

2

PROJECT NO:1010-02-78	HWY: IH 39	COUNTY: DANE	TRAFFIC CONTROL - IH 39 STAGE 2	SHEET _____	E

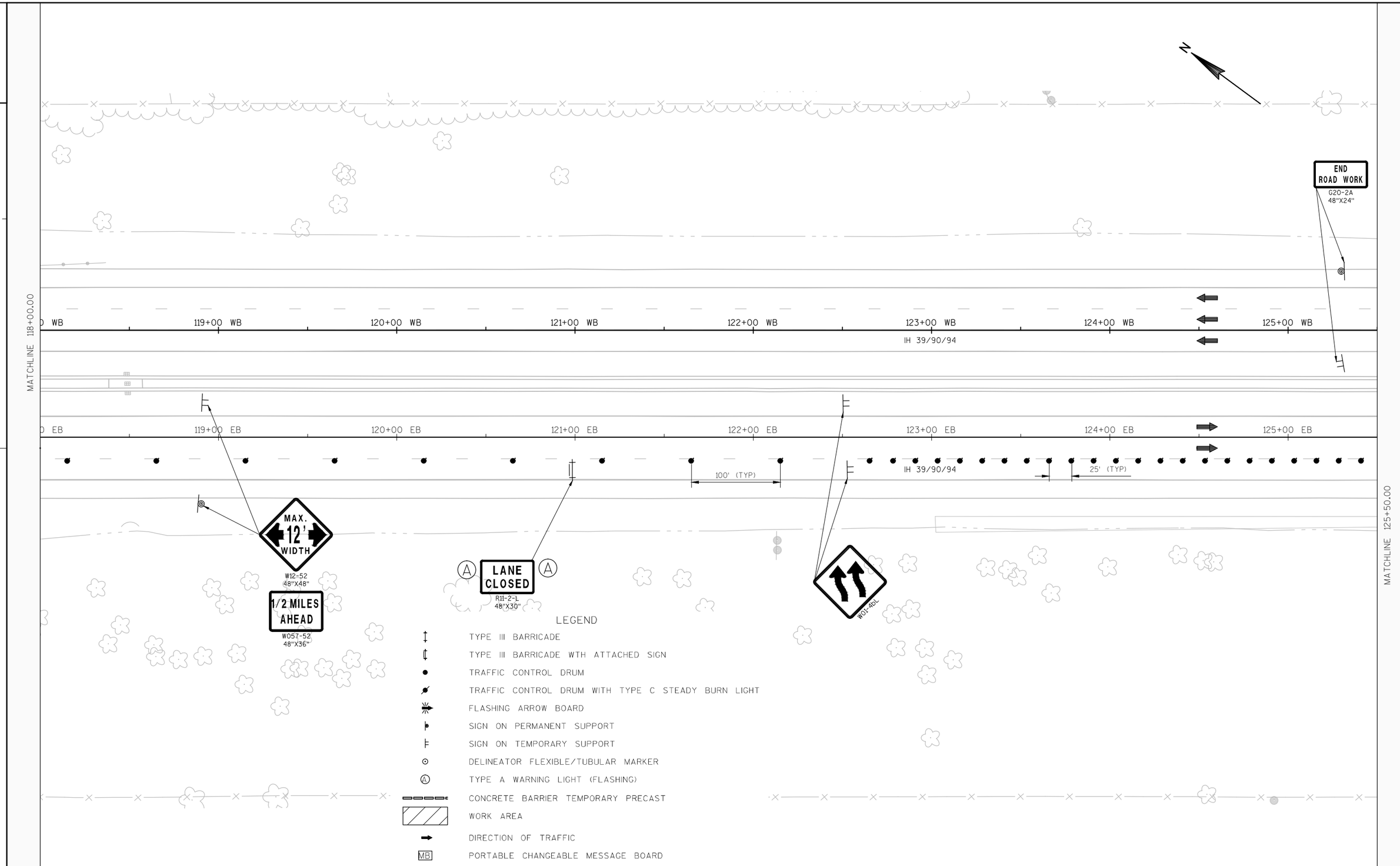
2



2

PROJECT NO:1010-02-78	HWY: IH 39	COUNTY: DANE	TRAFFIC CONTROL - IH 39 STAGE 2	SHEET _____	E

FILE NAME : C:\PWV8I-LOCAL\BAKER_PROJECTS\ALICIA.DESHASIER\D0290664\025001_TC_IH 39 STAGE 2.DWG
LAYOUT NAME - 025001_TC_IH 39 STAGE 2 - 025002_TC
PLOT DATE : 11/6/2014 3:00 PM PLOT BY : DESHASIER, ALICIA A PLOT NAME : ---------- PLOT SCALE : 1:50_XREF


N
END
ROAD WORK
G20-2A
48"X24"
MATCHLINE 118+00.00
0 WB
119+00 WB
120+00 WB
121+00 WB
122+00 WB
123+00 WB
124+00 WB
125+00 WB
IH 39/90/94
0 EB
119+00 EB
120+00 EB
121+00 EB
122+00 EB
123+00 EB
124+00 EB
125+00 EB
100' (TYP)
IH 39/90/94
25' (TYP)
MATCHLINE 125+50.00
MAX.
12'
WIDTH
W12-52
48"X48"
1/2 MILES
AHEAD
W057-52
48"X36"
A
LANE
CLOSED
A
R11-2-L
48"X30"
W01-4bL
LEGEND
TYPE III BARRICADE
TYPE III BARRICADE WTH ATTACHED SIGN
TRAFFIC CONTROL DRUM
TRAFFIC CONTROL DRUM WITH TYPE C STEADY BURN LIGHT
FLASHING ARROW BOARD
SIGN ON PERMANENT SUPPORT
SIGN ON TEMPORARY SUPPORT
DELINEATOR FLEXIBLE/TUBULAR MARKER
TYPE A WARNING LIGHT (FLASHING)
CONCRETE BARRIER TEMPORARY PRECAST
WORK AREA
DIRECTION OF TRAFFIC
MB
PORTABLE CHANGEABLE MESSAGE BOARD

2

STA. 126+65 WB,
24' LT

BEGIN LANE SHIFT
STA. 126+65 WB

TEMPORARY PAVEMENT
MARKING NON-REFLECTIVE
BLACK TAPE 6-INCH
STA 127+65 WB - 140+48 WB

STA. 128+65 WB
(TAPER PAVEMENT MARKING FROM 15'
TO MATCH EXISTING AT 126+65 WB

TEMPORARY PAVEMENT
MARKING REMOVABLE
TAPE 4-INCH, WHITE

TEMPORARY PAVEMENT
MARKING REMOVABLE
TAPE 4-INCH, YELLOW

BEGIN WALL REMOVAL
STA. 131+16 EB
STA. 131+16 WB
(SEE PLAN DETAILS)

MATCHLINE 125+50.00

126+00 WB
127+00 WB
128+00 WB
129+00 WB
130+00 WB
131+00 WB
132+00 WB
133+0

IH 39/90/94

12.0'
12.0'
15.0'

R 9188.0

12.0'

50' (TYP)

126+00 EB
127+00 EB
128+00 EB
129+00 EB
130+00 EB
131+00 EB
132+00 EB
133+0

IH 39/90/94

50' (TYP)

25' (TYP)

STA. 125+80 EB, 12.0' RT

TEMPORARY PAVEMENT
MARKING REMOVABLE
TAPE 4-INCH, WHITE

STA. 127+80 EB, 24.0' RT

STAY
IN
LANE
R4-9
48"X60"

BEGIN CROSSOVER
STA. 129+05 EB
Y: 528,188.68
X: 830,448.75

TEMPORARY PAVEMENT
MARKING NON-REFLECTIVE
BLACK TAPE 6-INCH
STA 129+05 EB - 133+50 EB

TEMPORARY PAVEMENT
MARKING NON-REFLECTIVE
BLACK TAPE 6-INCH
STA 129+05 EB - 132+00 EB

TEMPORARY PAVEMENT
MARKING REMOVABLE
TAPE 8-INCH, WHITE

TEMPORARY PAVEMENT
MARKING REMOVABLE
TAPE 8-INCH, WHITE

EXIT
E5-1
72"X60"

TEMPORARY PAVEMENT
MARKING REMOVABLE
TAPE 4-INCH, WHITE

TEMPORARY PAVEMENT
MARKING REMOVABLE
TAPE 4-INCH, YELLOW

MATCHLINE 133+00.00

LEGEND

- TYPE III BARRICADE
- TYPE III BARRICADE WTH ATTACHED SIGN
- TRAFFIC CONTROL DRUM
- TRAFFIC CONTROL DRUM WITH TYPE C STEADY BURN LIGHT
- FLASHING ARROW BOARD
- SIGN ON PERMANENT SUPPORT
- SIGN ON TEMPORARY SUPPORT
- DELINEATOR FLEXIBLE/TUBULAR MARKER
- TYPE A WARNING LIGHT (FLASHING)
- CONCRETE BARRIER TEMPORARY PRECAST
- WORK AREA
- DIRECTION OF TRAFFIC
- MB PORTABLE CHANGEABLE MESSAGE BOARD

PROJECT NO:1010-02-78	HWY: IH 39	COUNTY: DANE	TRAFFIC CONTROL - IH 39 STAGE 2	SHEET _____	E

2

SEE SDD TRAFFIC CONTROL, LANE CLOSURE, SPEED REDUCTION; SDD TRAFFIC CONTROL, SINGLE LANE CROSSOVER ENTRANCE WITH BARRIER AND SDD TRAFFIC CONTROL, EXIT AND ENTRANCE RAMP WITHIN LANE CLOSURE FOR ADDITIONAL TRAFFIC CONTROL DETAILS AND SIGN SPACING LAYOUT

N

END TAPER
STA. 140+48 WB

TEMPORARY PAVEMENT MARKING REMOVABLE TAPE 4-INCH, WHITE

TEMPORARY PAVEMENT MARKING REMOVABLE TAPE 4-INCH, YELLOW

CRASH CUSHIONS TEMPORARY
STA. 139+51 EB
STA. 139+51 WB
(30' LENGTH)

STA. 139+80 WB, 47' LT

END CROSSOVER
STA. 140+48 EB
Y: 527276.89
X: 831138.78

TEMPORARY PAVEMENT MARKING NON-REFLECTIVE BLACK TAPE 6-INCH
STA 135+30 WB - 140+48 WB

MATCHLINE 133+00.00

0 WB | 134+00 WB | 135+00 WB | 136+00 WB | 137+00 WB | 138+00 WB | 139+00 WB | 140+00 WB

IH 39/90/94

15.0' 12.0' 12.0'

12.0' 12.0'

PCC

R 9188.0

50' (TYP)

0 EB | 134+00 EB | 135+00 EB | 136+00 EB | 137+00 EB | 138+00 EB | 139+00 EB | 140+00 EB

50' (TYP)

25' (TYP)

IH 39/90/94

8+01 'H' | 9+00 'H' | 10+00 'H' | 11+00 'H' | 12+00 'H' | 13+0

STH 19 OFF RAMP

PCC
STA. 133+34 EB
Y: 527848.17
X: 830711.60

STA. 134+73 EB, 12.0' RT

A LANE CLOSED A
R11-2-L
48"X30"

TEMPORARY PAVEMENT MARKING REMOVABLE TAPE, 8-INCH, WHITE

TEMPORARY PAVEMENT MARKING REMOVABLE TAPE 4-INCH, WHITE

STA. 138+06 EB, 31.5' RT

A LANE CLOSED A
R11-2-L
48"X30"

END WALL REMOVAL
STA. 139+81 WB
STA. 139+81 EB
(SEE PLAN DETAILS)

MATCHLINE 140+50.00

LEGEND

- TYPE III BARRICADE
- TYPE III BARRICADE WTH ATTACHED SIGN
- TRAFFIC CONTROL DRUM
- TRAFFIC CONTROL DRUM WITH TYPE C STEADY BURN LIGHT
- FLASHING ARROW BOARD
- SIGN ON PERMANENT SUPPORT
- SIGN ON TEMPORARY SUPPORT
- DELINEATOR FLEXIBLE/TUBULAR MARKER
- (A) TYPE A WARNING LIGHT (FLASHING)
- CONCRETE BARRIER TEMPORARY PRECAST
- WORK AREA
- DIRECTION OF TRAFFIC
- MB PORTABLE CHANGEABLE MESSAGE BOARD

2

PROJECT NO:1010-02-78	HWY:IH 39	COUNTY:DANE	TRAFFIC CONTROL - IH 39 STAGE 2	SHEET _____	E

2

SEE SDD TRAFFIC CONTROL, SINGLE LANE CROSSOVER ENTRANCE WITH BARRIER FOR ADDITIONAL TRAFFIC CONTROL DETAILS AND SIGN SPACING LAYOUT

2+00 'D'
3+00 'D'
4+00 'D'
5+00 'D'
6+00 'D'
7+00

N

STAY IN LANE
R4-9
48"X60"

TEMPORARY PAVEMENT MARKING REMOVABLE TAPE 4-INCH, YELLOW

TEMPORARY PAVEMENT MARKING REMOVABLE TAPE 4-INCH, WHITE

MATCHLINE 140+50.00

141+00 WB
142+00 WB
143+00 WB
144+00 WB
145+00 WB
146+00 WB
147+00 WB
148+0

12.0
12.0
12.0
12.0

IH 39/90/94

50' (TYP)

141+00 EB
142+00 EB
143+00 EB
144+00 EB
145+00 EB
146+00 EB
147+00 EB
148+0

IH 39/90/94

MATCHLINE 148+00.00

LEGEND

- TYPE III BARRICADE
- TYPE III BARRICADE WTH ATTACHED SIGN
- TRAFFIC CONTROL DRUM
- TRAFFIC CONTROL DRUM WITH TYPE C STEADY BURN LIGHT
- FLASHING ARROW BOARD
- SIGN ON PERMANENT SUPPORT
- SIGN ON TEMPORARY SUPPORT
- DELINEATOR FLEXIBLE/TUBULAR MARKER
- TYPE A WARNING LIGHT (FLASHING)
- CONCRETE BARRIER TEMPORARY PRECAST
- WORK AREA
- DIRECTION OF TRAFFIC
- MB PORTABLE CHANGEABLE MESSAGE BOARD

2

PROJECT NO:1010-02-78	HWY:IH 39	COUNTY:DANE	TRAFFIC CONTROL - IH 39 STAGE 2	SHEET -----	E

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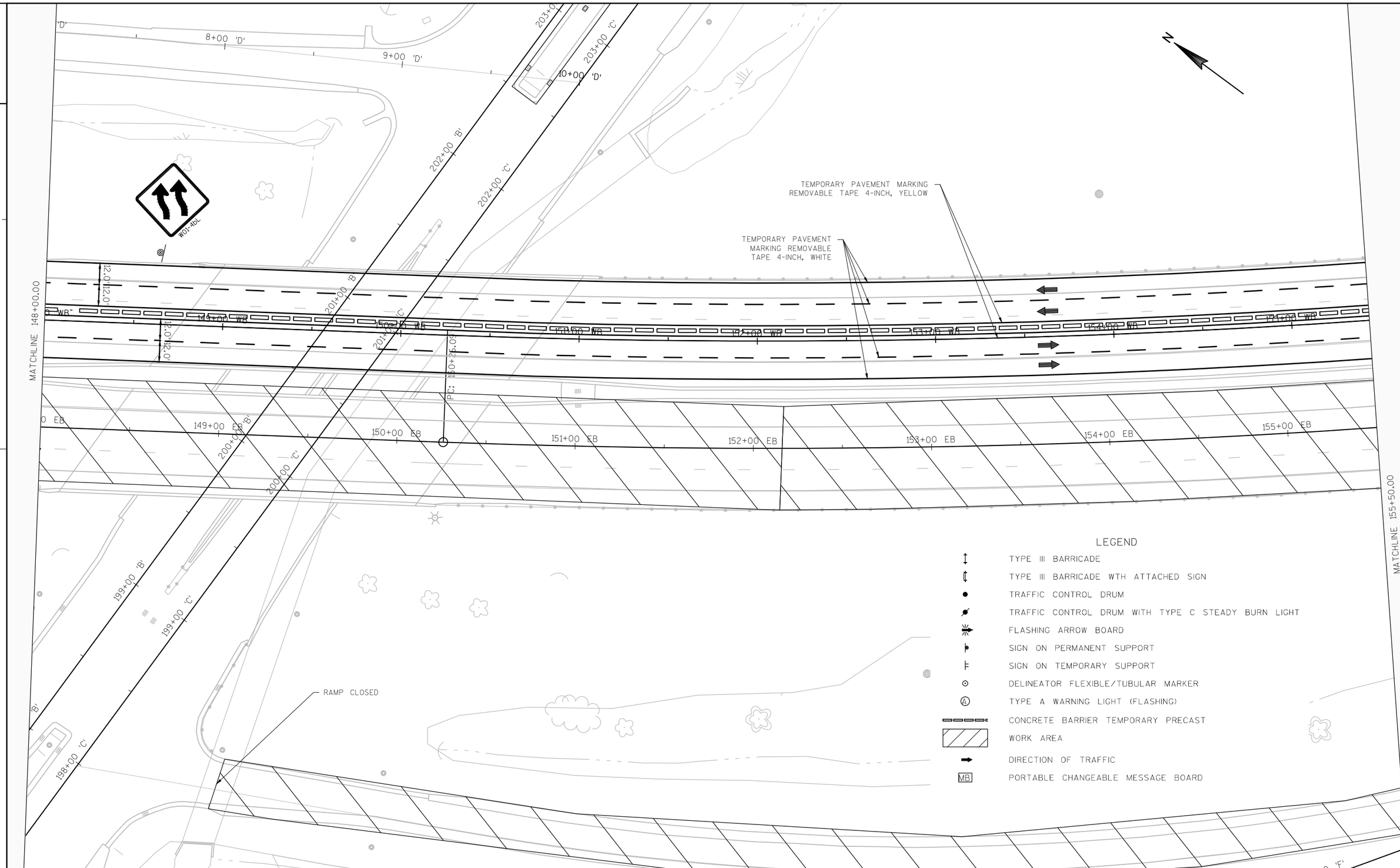

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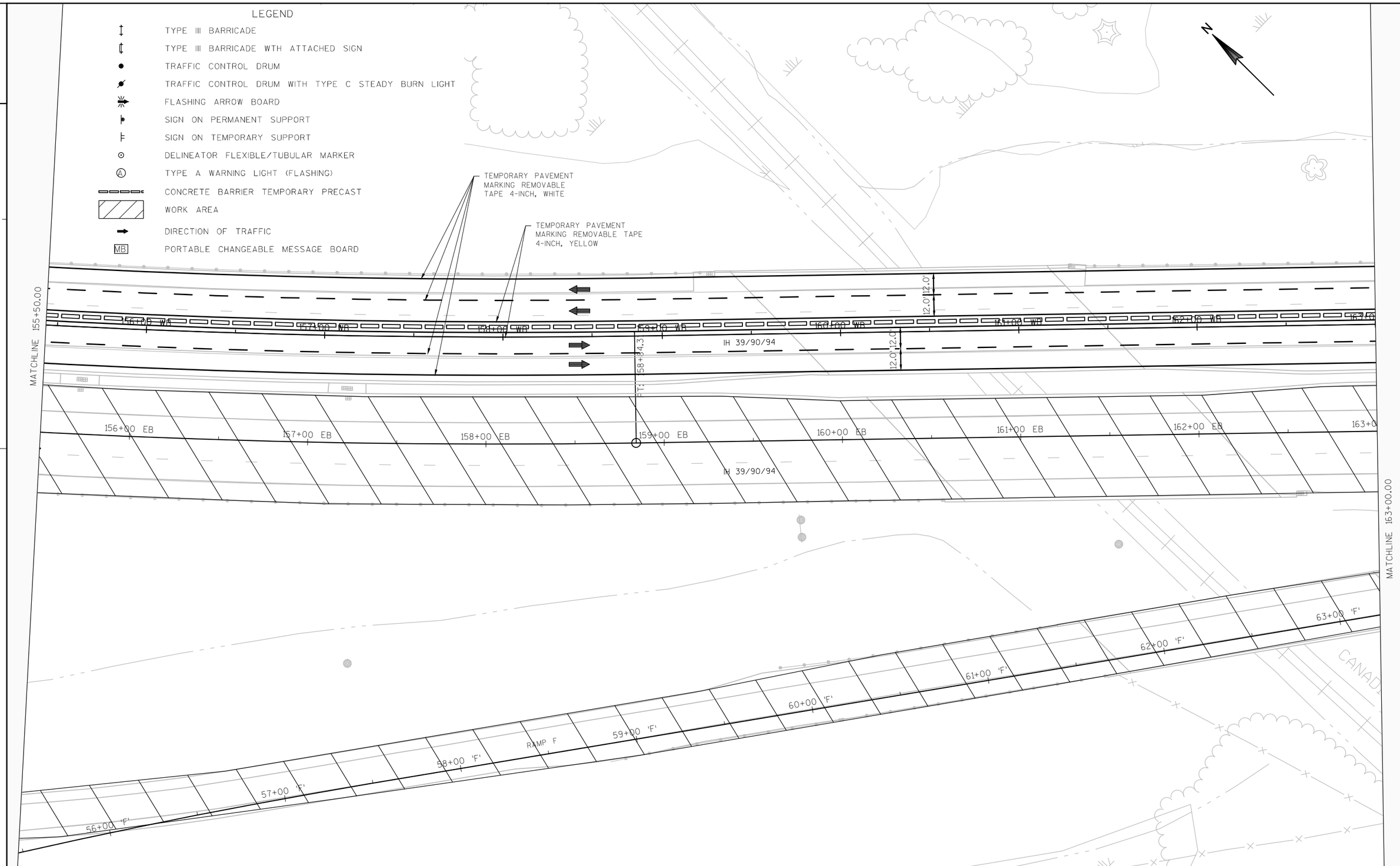
PROJECT NO:1010-02-78	HWY: IH 39	COUNTY: DANE	TRAFFIC CONTROL - IH 39 STAGE 2	SHEET _____	E

2

LEGEND

- TYPE III BARRICADE
- TYPE III BARRICADE WTH ATTACHED SIGN
- TRAFFIC CONTROL DRUM
- TRAFFIC CONTROL DRUM WITH TYPE C STEADY BURN LIGHT
- FLASHING ARROW BOARD
- SIGN ON PERMANENT SUPPORT
- SIGN ON TEMPORARY SUPPORT
- DELINEATOR FLEXIBLE/TUBULAR MARKER
- TYPE A WARNING LIGHT (FLASHING)
- CONCRETE BARRIER TEMPORARY PRECAST
- WORK AREA
- DIRECTION OF TRAFFIC
- MB PORTABLE CHANGEABLE MESSAGE BOARD



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PROJECT NO:1010-02-78	HWY:IH 39	COUNTY:DANE	TRAFFIC CONTROL - IH 39 STAGE 2	SHEET _____	E

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LAYOUT NAME - 025001_TC_IH 39 STAGE 2 - 025008_TC
PLOT DATE : 11/6/2014 3:00 PM PLOT BY : DESHASIER, ALICIA A PLOT NAME : _____ PLOT SCALE : 1:50_XREF

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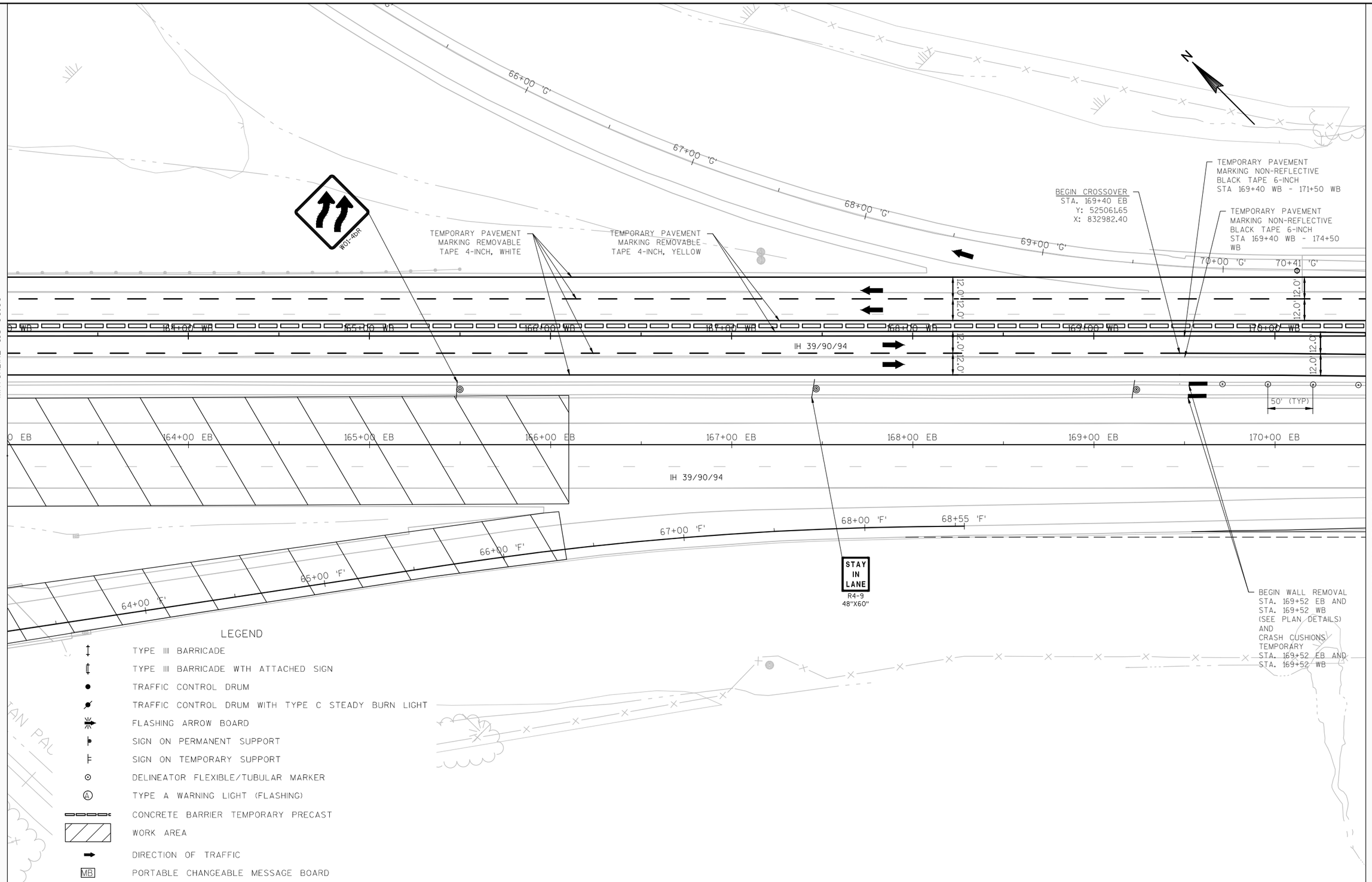


PROJECT NO:1010-02-78	HWY:IH 39	COUNTY:DANE	TRAFFIC CONTROL - IH 39 STAGE 2	SHEET _____	E

2

SEE SDD TRAFFIC CONTROL, SINGLE LANE CROSSOVER EXIT WITH BARRIER FOR ADDITIONAL TRAFFIC CONTROL DETAILS

TEMPORARY PAVEMENT MARKING REMOVABLE TAPE 4-INCH, YELLOW

TEMPORARY PAVEMENT MARKING REMOVABLE TAPE 4-INCH, WHITE

MATCHLINE 170+50.00

171+00 WB
172+00 WB
173+00 WB
174+00 WB
175+00 WB
176+00 WB
177+00 WB
178+0

IH 39/90/94

50' (TYP)

R 9200.0

12.0' 12.0'

171+00 EB
172+00 EB
173+00 EB
174+00 EB
175+00 EB
176+00 EB
177+00 EB
178+0

IH 39/90/94

PCC
STA. 176+23.34 EB
Y: 524562.90
X: 833439.43

TEMPORARY PAVEMENT MARKING NON-REFLECTIVE BLACK TAPE 6-INCH STA 176+50 EB - 183+00 EB

MATCHLINE 178+00.00

LEGEND

- TYPE III BARRICADE
- TYPE III BARRICADE WTH ATTACHED SIGN
- TRAFFIC CONTROL DRUM
- TRAFFIC CONTROL DRUM WITH TYPE C STEADY BURN LIGHT
- FLASHING ARROW BOARD
- SIGN ON PERMANENT SUPPORT
- SIGN ON TEMPORARY SUPPORT
- DELINEATOR FLEXIBLE/TUBULAR MARKER
- (A) TYPE A WARNING LIGHT (FLASHING)
- CONCRETE BARRIER TEMPORARY PRECAST
- WORK AREA
- DIRECTION OF TRAFFIC
- MB PORTABLE CHANGEABLE MESSAGE BOARD

PROJECT NO:1010-02-78	HWY:IH 39	COUNTY:DANE	TRAFFIC CONTROL - IH 39 STAGE 2	SHEET ____	E

2

SEE SDD TRAFFIC CONTROL, SINGLE LANE CROSSOVER EXIT WITH BARRIER FOR ADDITIONAL TRAFFIC CONTROL DETAILS

BEGIN LANE SHIFT
STA. 180+00 WB

TEMPORARY PAVEMENT MARKING REMOVABLE TAPE 4-INCH, YELLOW

TEMPORARY PAVEMENT MARKING REMOVABLE TAPE 4-INCH, WHITE

TEMPORARY PAVEMENT MARKING NON-REFLECTIVE BLACK TAPE 6-INCH
STA 180+00 WB - 186+00 WB

MATCHLINE 178+00.00

12.0' 12.0'

0 WB 179+00 WB 180+00 WB 181+00 WB 182+00 WB 183+00 WB 184+00 WB 185+00 WB

50' (TYP)

IH 39/90/94

R 9200.0

12.0' 12.0'

0 EB 179+00 EB 180+00 EB 181+00 EB 182+00 EB 183+00 EB 184+00 EB 185+00 EB

IH 39/90/94

50' (TYP)

END CROSSOVER
STA. 182+98.14 EB
Y: 524065.02
X: 833895.60

END WALL REMOVAL
STA. 178+80 EB
AND STA. 178+80 WB

TEMPORARY PAVEMENT MARKING NON-REFLECTIVE BLACK TAPE 6-INCH
STA 178+50 EB - 183+00 EB

MATCHLINE 185+50.00

N

LEGEND

- TYPE III BARRICADE
- TYPE III BARRICADE WTH ATTACHED SIGN
- TRAFFIC CONTROL DRUM
- TRAFFIC CONTROL DRUM WITH TYPE C STEADY BURN LIGHT
- FLASHING ARROW BOARD
- SIGN ON PERMANENT SUPPORT
- SIGN ON TEMPORARY SUPPORT
- DELINEATOR FLEXIBLE/TUBULAR MARKER
- (A) TYPE A WARNING LIGHT (FLASHING)
- CONCRETE BARRIER TEMPORARY PRECAST
- WORK AREA
- DIRECTION OF TRAFFIC
- MB PORTABLE CHANGEABLE MESSAGE BOARD

PROJECT NO:1010-02-78	HWY: IH 39	COUNTY: DANE	TRAFFIC CONTROL - IH 39 STAGE 2	SHEET _____	E

2

SEE SDD TRAFFIC CONTROL, LANE CLOSURE, SPEED REDUCTION AND SDD TRAFFIC CONTROL, SINGLE LANE CROSSOVER EXIT WITH BARRIER FOR ADDITIONAL TRAFFIC CONTROL DETAILS AND SIGN SPACING LAYOUT

END LANE SHIFT
STA. 186+00 WB

(A) LANE CLOSED (A)
R11-2-L
48"X30"
TYPE 3 BARRICADE WITH TYPE A WARNING LIGHTS

STAY IN LANE
R4-9
48"X60"

W01-4DR

BEGIN TAPER
STA. 189+25 WB

TEMPORARY PAVEMENT MARKING REMOVABLE TAPE 4-INCH, YELLOW

MATCHLINE 185+50.00

186+00 WB | 187+00 WB | 188+00 WB | 189+00 WB | 190+00 WB | 191+00 WB | 192+00 WB | 193+0

100' (TYP)

IH 39/90/94

50' (TYP)

186+00 EB | 187+00 EB | 188+00 EB | 189+00 EB | 190+00 EB | 191+00 EB | 192+00 EB | 193+0

IH 39/90/94

END ROAD WORK
G20-2A
48"X24"

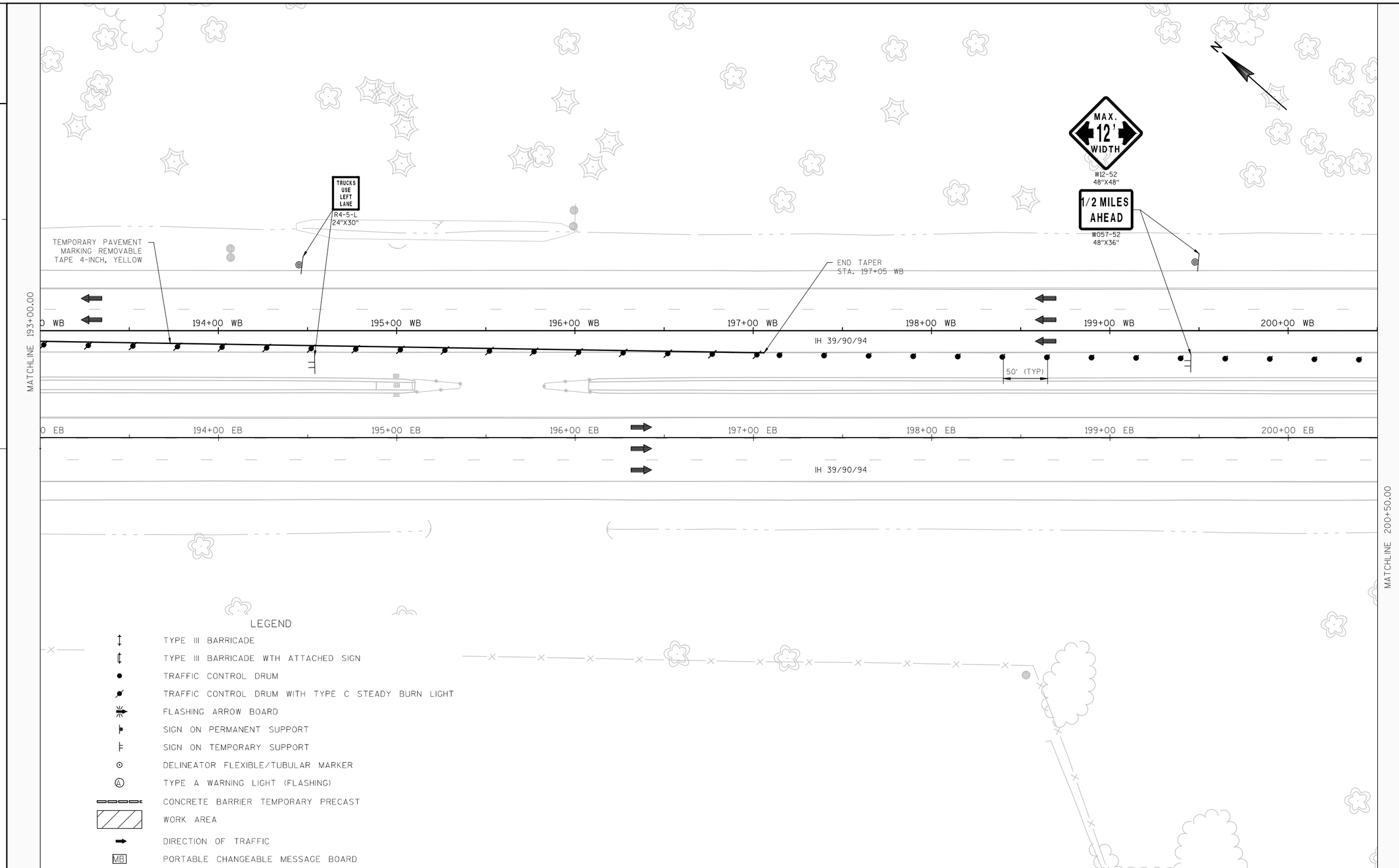
MATCHLINE 193+00.00

LEGEND

- TYPE III BARRICADE
- TYPE III BARRICADE WTH ATTACHED SIGN
- TRAFFIC CONTROL DRUM
- TRAFFIC CONTROL DRUM WITH TYPE C STEADY BURN LIGHT
- FLASHING ARROW BOARD
- SIGN ON PERMANENT SUPPORT
- SIGN ON TEMPORARY SUPPORT
- DELINEATOR FLEXIBLE/TUBULAR MARKER
- (A) TYPE A WARNING LIGHT (FLASHING)
- CONCRETE BARRIER TEMPORARY PRECAST
- WORK AREA
- DIRECTION OF TRAFFIC
- MB PORTABLE CHANGEABLE MESSAGE BOARD

PROJECT NO:1010-02-78	HWY: IH 39	COUNTY: DANE	TRAFFIC CONTROL - IH 39 STAGE 2	SHEET _____	E

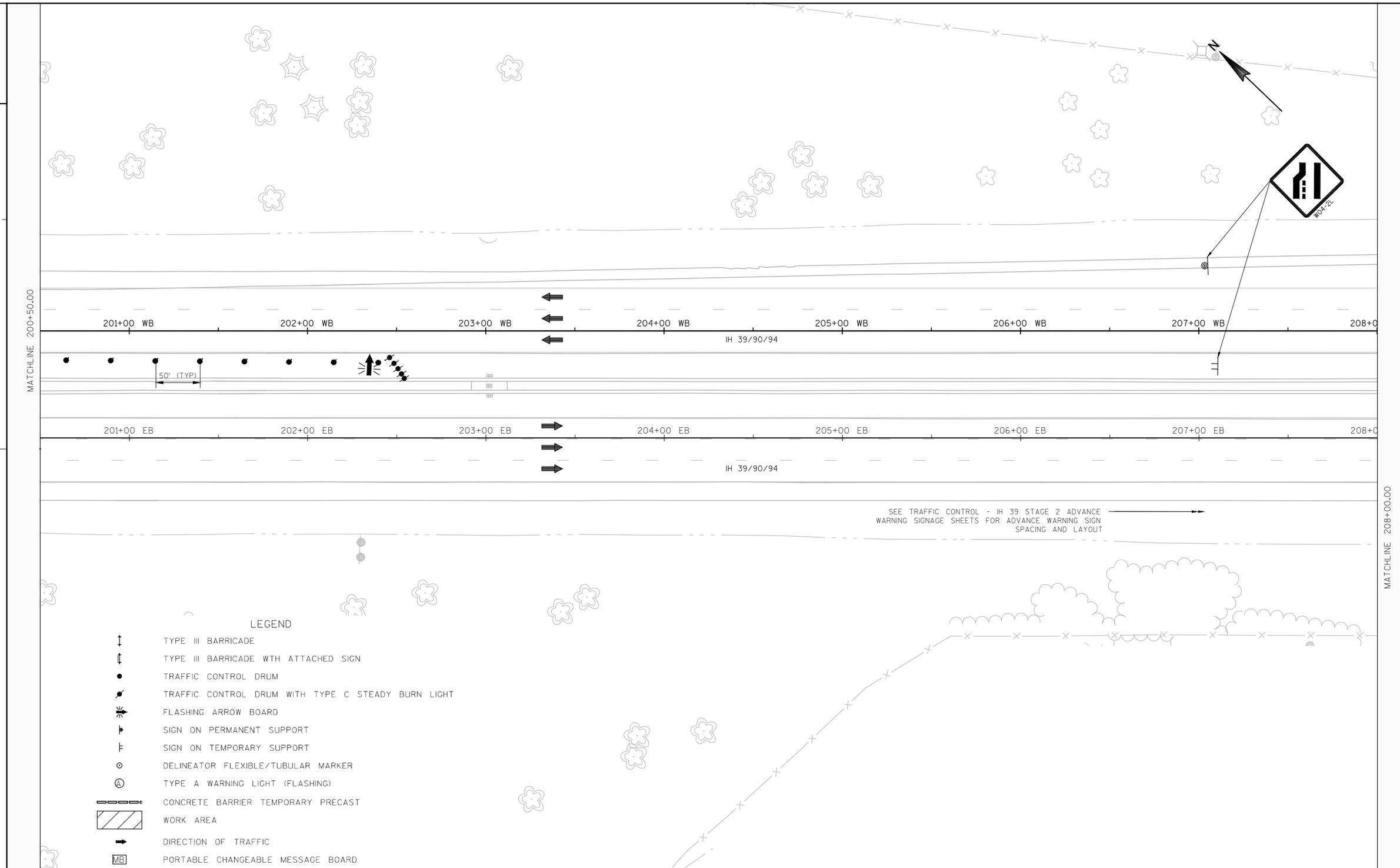
2



2

PROJECT NO:1010-02-78	HWY: IH 39	COUNTY: DANE	TRAFFIC CONTROL - IH 39 STAGE 2	SHEET _____	E

2



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PROJECT NO:1010-02-78	HWY: IH 39	COUNTY: DANE	TRAFFIC CONTROL - IH 39 STAGE 2	SHEET _____	E

FILE NAME : C:\PWV8I-LOCAL\BAKER_PROJECTS\ALICIA.DESHASIER\D0290664\025001_TC_IH 39 STAGE 2.DWG
LAYOUT NAME - 025001_TC_IH 39 STAGE 2 - 025014_TC
PLOT DATE : 11/6/2014 3:00 PM PLOT BY : DESHASIER, ALICIA A PLOT NAME : ---------- PLOT SCALE : 1:50_XREF

2

2

N

TEMPORARY PAVEMENT MARKING
REMOVABLE TAPE 4-INCH, YELLOW

103+00 WB | 104+00 WB | 105+00 WB | 106+00 WB | 107+00 WB | 108+00 WB | 109+00 WB | 110+00 WB

IH 39/90/94

50' (TYP)

103+00 EB | 104+00 EB | 105+00 EB | 106+00 EB | 107+00 EB | 108+00 EB | 109+00 EB | 110+00 EB

IH 39/90/94

BEGIN TAPER
STA. 109+96, 12.0' LT

TRUCKS USE LEFT LANE
R4-5-L
24"X30"

SEE TRAFFIC CONTROL - IH 39 STAGE 2 ADVANCE WARNING SIGNAGE FOR ADVANCE WARNING SIGN LOCATION AND SPACING

MATCHLINE 110+50.00

LEGEND

- TYPE III BARRICADE
- TYPE III BARRICADE WTH ATTACHED SIGN
- TRAFFIC CONTROL DRUM
- TRAFFIC CONTROL DRUM WITH TYPE C STEADY BURN LIGHT
- FLASHING ARROW BOARD
- SIGN ON PERMANENT SUPPORT
- SIGN ON TEMPORARY SUPPORT
- DELINEATOR FLEXIBLE/TUBULAR MARKER
- (A) TYPE A WARNING LIGHT (FLASHING)
- CONCRETE BARRIER TEMPORARY PRECAST
- WORK AREA
- DIRECTION OF TRAFFIC
- MB PORTABLE CHANGEABLE MESSAGE BOARD

PROJECT NO:1010-02-78	HWY:IH 39	COUNTY:DANE	TRAFFIC CONTROL - IH 39 STAGE 3	SHEET _____	E

2

SEE SDD TRAFFIC CONTROL, LANE CLOSURE, SPEED REDUCTION FOR ADDITIONAL TRAFFIC CONTROL DETAILS AND SIGN SPACING.

MATCHLINE 110+50.00

111+00 WB 112+00 WB 113+00 WB 114+00 WB 115+00 WB 116+00 WB 117+00 WB 118+00

IH 39/90/94

50' (TYP)

111+00 EB 112+00 EB 113+00 EB 114+00 EB 115+00 EB 116+00 EB 117+00 EB 118+00

IH 39/90/94

TEMPORARY PAVEMENT MARKING
REMOVABLE TAPE 4-INCH, YELLOW

END TAPER
STA. 117+76 EB

MATCHLINE 118+00.00

MAX. 12' WIDTH
W12-52
48"X48"

1/2 MILES AHEAD
W057-52
48"X36"

LEGEND

- TYPE III BARRICADE
- TYPE III BARRICADE WTH ATTACHED SIGN
- TRAFFIC CONTROL DRUM
- TRAFFIC CONTROL DRUM WITH TYPE C STEADY BURN LIGHT
- FLASHING ARROW BOARD
- SIGN ON PERMANENT SUPPORT
- SIGN ON TEMPORARY SUPPORT
- DELINEATOR FLEXIBLE/TUBULAR MARKER
- TYPE A WARNING LIGHT (FLASHING)
- CONCRETE BARRIER TEMPORARY PRECAST
- WORK AREA
- DIRECTION OF TRAFFIC
- MB PORTABLE CHANGEABLE MESSAGE BOARD

PROJECT NO:1010-02-78	HWY:IH 39	COUNTY:DANE	TRAFFIC CONTROL - IH 39 STAGE 3	SHEET ____	E

2

2

SEE SDD TRAFFIC CONTROL, LANE CLOSURE, SPEED REDUCTION FOR ADDITIONAL TRAFFIC CONTROL DETAILS AND SIGN SPACING.

END ROAD WORK
G20-2A
48"X24"

MATCHLINE 118+00.00

0 WB | 119+00 WB | 120+00 WB | 121+00 WB | 122+00 WB | 123+00 WB | 124+00 WB | 125+00 WB

IH 39/90/94

100' (TYP)

0 EB | 119+00 EB | 120+00 EB | 121+00 EB | 122+00 EB | 123+00 EB | 124+00 EB | 125+00 EB

IH 39/90/94

LANE CLOSED
R11-2-L
48"X30"

W01-4bR

MATCHLINE 125+50.00

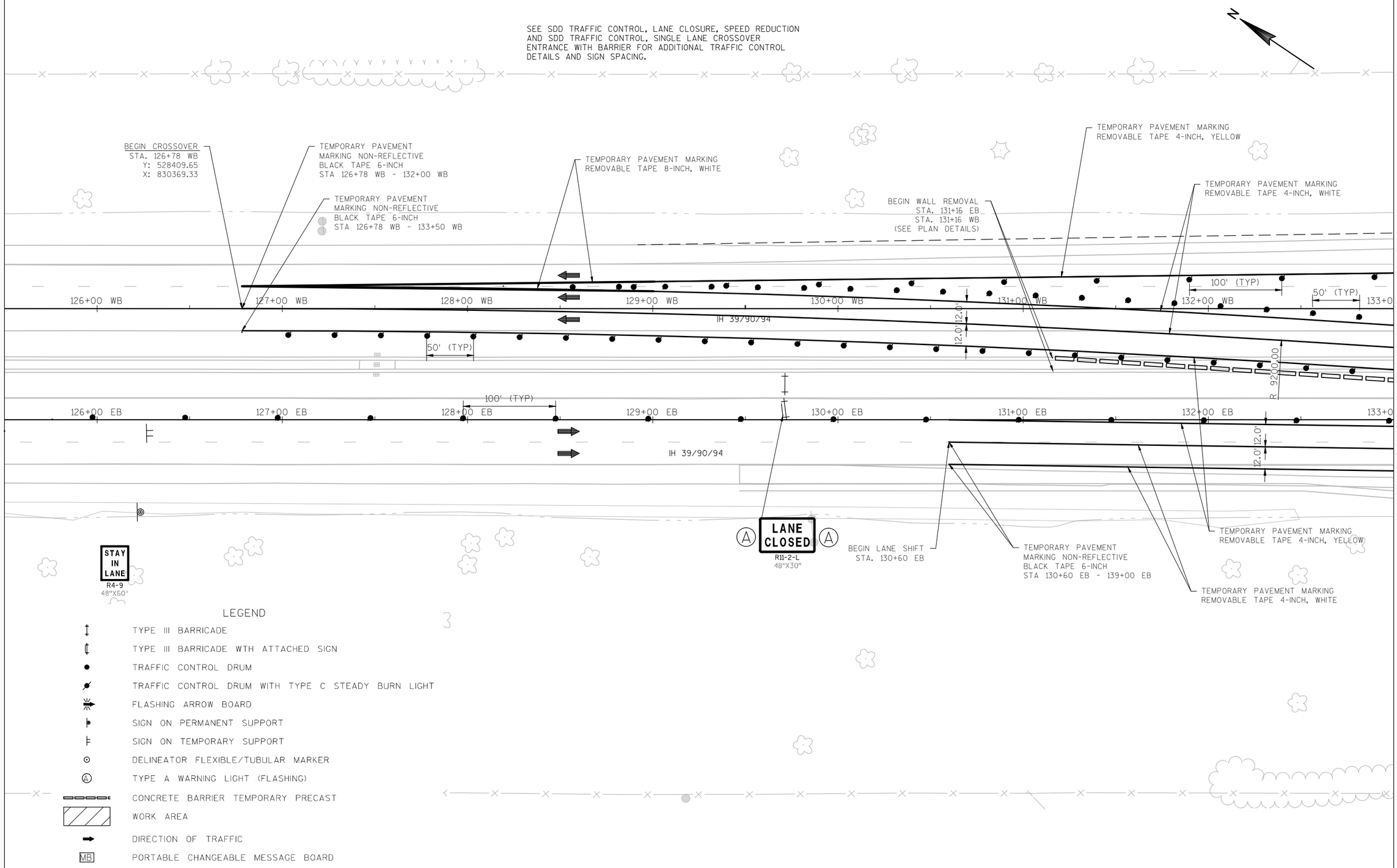
LEGEND

- TYPE III BARRICADE
- TYPE III BARRICADE WTH ATTACHED SIGN
- TRAFFIC CONTROL DRUM
- TRAFFIC CONTROL DRUM WITH TYPE C STEADY BURN LIGHT
- FLASHING ARROW BOARD
- SIGN ON PERMANENT SUPPORT
- SIGN ON TEMPORARY SUPPORT
- DELINEATOR FLEXIBLE/TUBULAR MARKER
- TYPE A WARNING LIGHT (FLASHING)
- CONCRETE BARRIER TEMPORARY PRECAST
- WORK AREA
- DIRECTION OF TRAFFIC
- MB PORTABLE CHANGEABLE MESSAGE BOARD

PROJECT NO:1010-02-78	HWY:IH 39	COUNTY:DANE	TRAFFIC CONTROL - IH 39 STAGE 3	SHEET -----	E

2

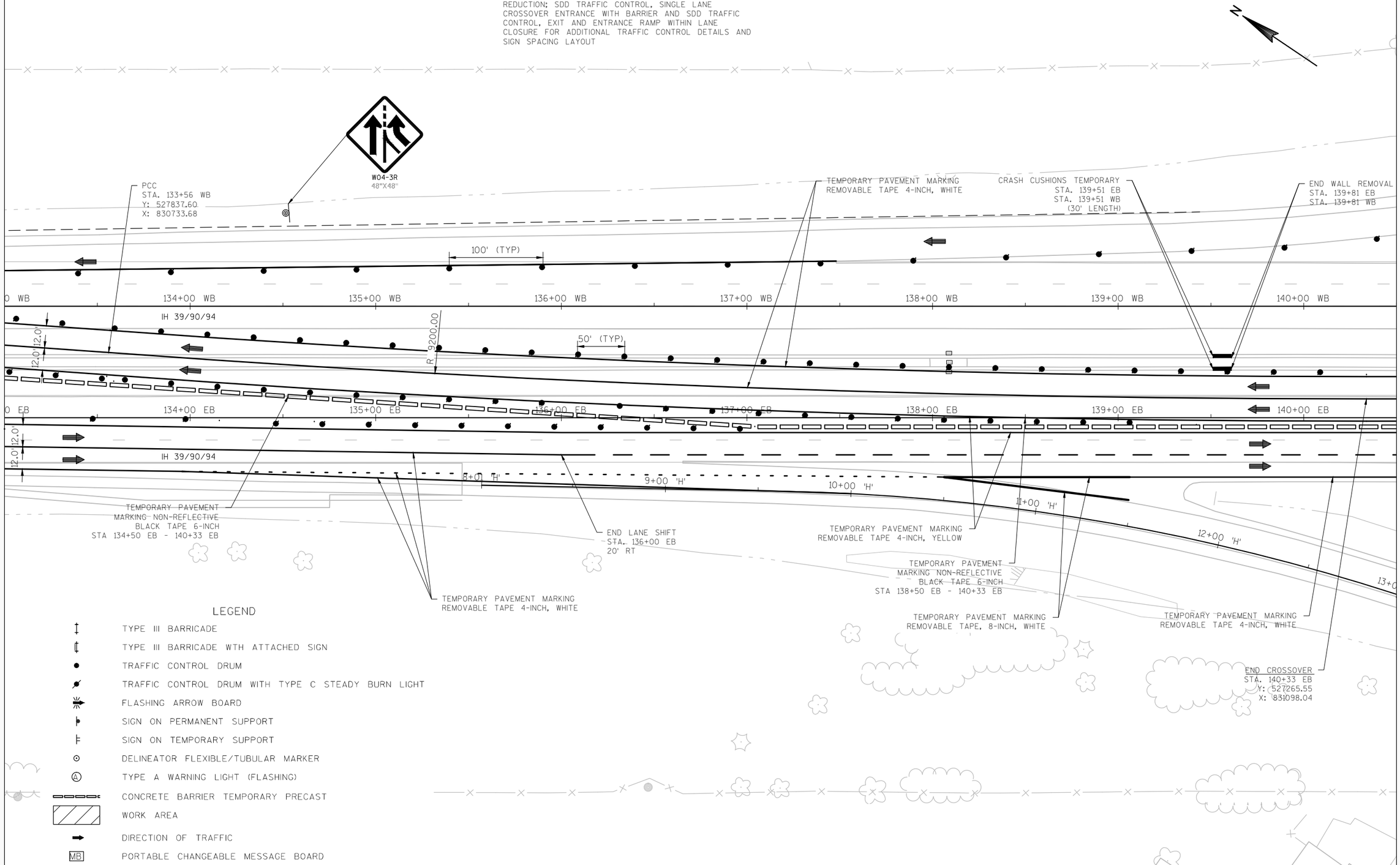
SEE SDD TRAFFIC CONTROL, LANE CLOSURE, SPEED REDUCTION AND SDD TRAFFIC CONTROL, SINGLE LANE CROSSOVER ENTRANCE WITH BARRIER FOR ADDITIONAL TRAFFIC CONTROL DETAILS AND SIGN SPACING.



PROJECT NO:1010-02-78	HWY: IH 39	COUNTY: DANE	TRAFFIC CONTROL - IH 39 STAGE 3	SHEET _____	E

2

SEE SDD TRAFFIC CONTROL, LANE CLOSURE, SPEED REDUCTION; SDD TRAFFIC CONTROL, SINGLE LANE CROSSOVER ENTRANCE WITH BARRIER AND SDD TRAFFIC CONTROL, EXIT AND ENTRANCE RAMP WITHIN LANE CLOSURE FOR ADDITIONAL TRAFFIC CONTROL DETAILS AND SIGN SPACING LAYOUT



2

PROJECT NO:1010-02-78	HWY: IH 39	COUNTY: DANE	TRAFFIC CONTROL - IH 39 STAGE 3	SHEET _____	E

2

2

SEE SDD TRAFFIC CONTROL, SINGLE LANE CROSSOVER ENTRANCE WITH BARRIER FOR ADDITIONAL TRAFFIC CONTROL DETAILS AND SIGN SPACING LAYOUT

RAMP D

2+00 'D'

3+00 'D'

4+00 'D'

5+00 'D'

6+00 'D'

7+00

MATCHLINE 140+50.00

141+00 WB

142+00 WB

143+00 WB

144+00 WB

145+00 WB

146+00 WB

147+00 WB

148+0

IH 39/90/94

TEMPORARY PAVEMENT MARKING
REMOVABLE TAPE 4-INCH, WHITE

141+00 EB

142+00 EB

143+00 EB

144+00 EB

145+00 EB

146+00 EB

147+00 EB

148+0

12.0'

12.0'

IH 39/90/94

12.0'

12.0'

TEMPORARY PAVEMENT MARKING
REMOVABLE TAPE 4-INCH, YELLOW

STAY IN LANE
R4-9
48"X60"

TEMPORARY PAVEMENT MARKING
REMOVABLE TAPE 4-INCH, WHITE

W01-4bR

MATCHLINE 148+00.00

RAMP H

14+00 'H'

15+00 'H'

16+00 'H'

198+00

LEGEND

- TYPE III BARRICADE
- TYPE III BARRICADE WTH ATTACHED SIGN
- TRAFFIC CONTROL DRUM
- TRAFFIC CONTROL DRUM WITH TYPE C STEADY BURN LIGHT
- FLASHING ARROW BOARD
- SIGN ON PERMANENT SUPPORT
- SIGN ON TEMPORARY SUPPORT
- DELINEATOR FLEXIBLE/TUBULAR MARKER
- TYPE A WARNING LIGHT (FLASHING)
- CONCRETE BARRIER TEMPORARY PRECAST
- WORK AREA
- DIRECTION OF TRAFFIC
- MB PORTABLE CHANGEABLE MESSAGE BOARD

PROJECT NO:1010-02-78	HWY: IH 39	COUNTY: DANE	TRAFFIC CONTROL - IH 39 STAGE 3	SHEET _____	E

2

2

8+00 'D'

9+00 'D'

10+00 'D'

203+00 'C'

202+00 'B'

202+00 'C'

201+00 'B'

201+00 'C'

200+00 'B'

200+00 'C'

199+00 'B'

199+00 'C'

198+00 'C'

STH 19

RIPRAP

MH

MATCHLINE 148+00.00

MATCHLINE 155+50.00

149+00 WB

150+00 WB

151+00 WB

152+00 WB

153+00 WB

IH 39/90/94

154+00 WB

155+00 WB

149+00 EB

150+00 EB

151+00 EB

152+00 EB

153+00 EB

154+00 EB

155+00 EB

12.0'

TEMPORARY PAVEMENT MARKING
REMOVABLE TAPE 4-INCH, WHITE

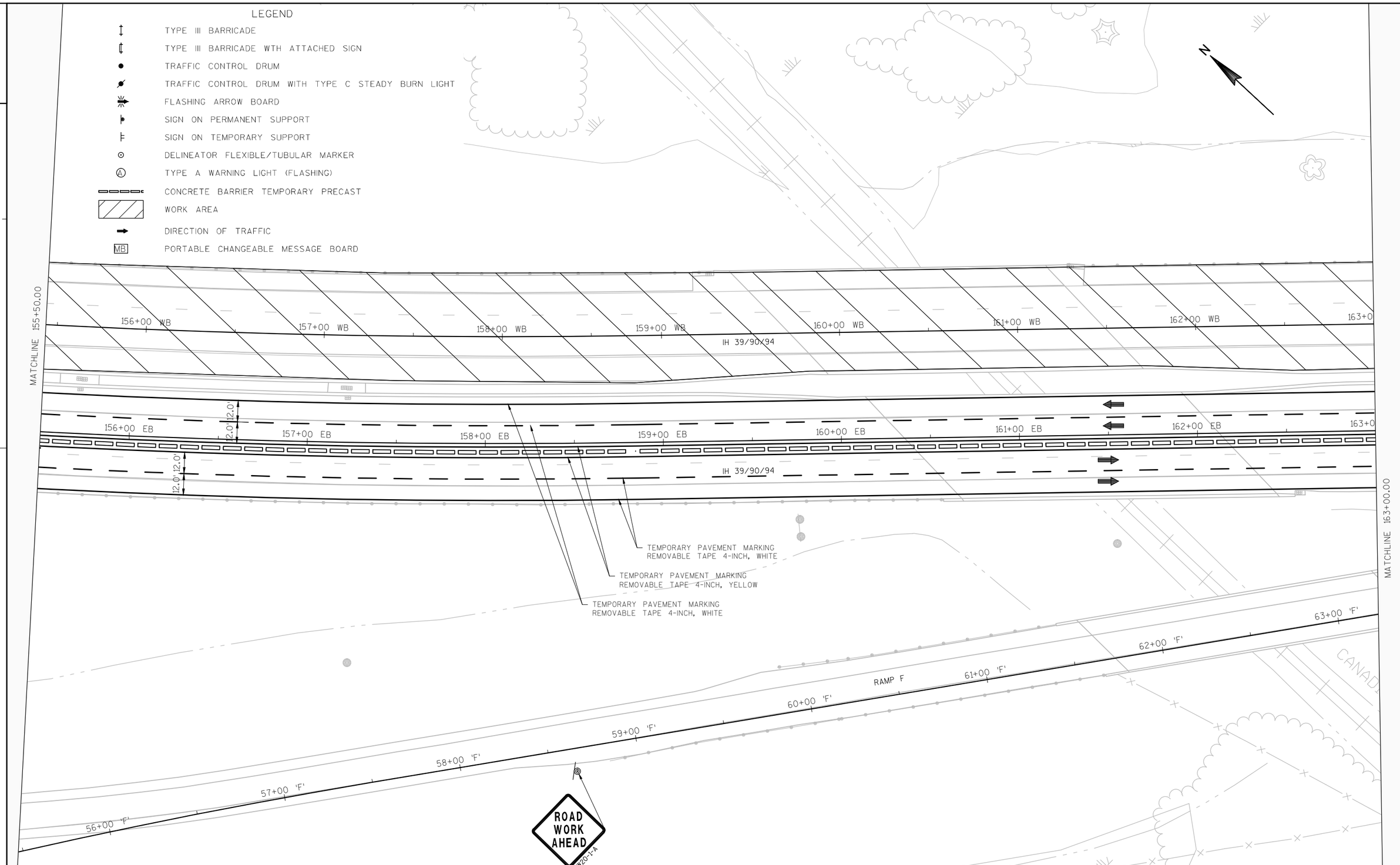
TEMPORARY PAVEMENT MARKING
REMOVABLE TAPE 4-INCH, YELLOW

TEMPORARY PAVEMENT MARKING
REMOVABLE TAPE 4-INCH, WHITE

LEGEND

- TYPE III BARRICADE
- TYPE III BARRICADE WTH ATTACHED SIGN
- TRAFFIC CONTROL DRUM
- TRAFFIC CONTROL DRUM WITH TYPE C STEADY BURN LIGHT
- FLASHING ARROW BOARD
- SIGN ON PERMANENT SUPPORT
- SIGN ON TEMPORARY SUPPORT
- DELINEATOR FLEXIBLE/TUBULAR MARKER
- TYPE A WARNING LIGHT (FLASHING)
- CONCRETE BARRIER TEMPORARY PRECAST
- WORK AREA
- DIRECTION OF TRAFFIC
- MB PORTABLE CHANGEABLE MESSAGE BOARD

PROJECT NO:1010-02-78	HWY:IH 39	COUNTY:DANE	TRAFFIC CONTROL - IH 39 STAGE 3	SHEET -----	E



PROJECT NO:1010-02-78	HWY: IH 39	COUNTY: DANE	TRAFFIC CONTROL - IH 39 STAGE 3	SHEET -----	E

2

SEE SDD TRAFFIC CONTROL, SINGLE LANE CROSSOVER EXIT WITH BARRIER AND SDD TRAFFIC CONTROL, EXIT AND ENTRANCE RAMP WITHIN LANE CLOSURE FOR ADDITIONAL TRAFFIC CONTROL DETAILS AND SIGN SPACING LAYOUT

66+00 'G'

67+00 'G'

68+00 'G'

69+00 'G'

70+00 'G'

70+41 'G'

N

BEGIN WALL REMOVAL
STA. 169+52 WB
STA. 169+52 WB
(SEE PLAN DETAILS)
AND
CRASH CUSHIONS TEMPORARY
STA. 169+52 EB
AND STA. 169+52 WB
(30' LENGTH)

TEMPORARY PAVEMENT MARKING
REMOVABLE TAPE 8-INCH, WHITE

TEMPORARY PAVEMENT MARKING
REMOVABLE TAPE 4-INCH, WHITE

TEMPORARY PAVEMENT MARKING
REMOVABLE TAPE 4-INCH, YELLOW

A ROAD CLOSED A
R11-2
48"X30"

25' (TYP)

MATCHLINE 163+00.00

0 WB 164+00 WB 165+00 WB 166+00 WB 167+00 WB 168+00 WB 169+00 WB 170+00 WB

IH 39/90/94

R 9200.00

12.0' 12.0'

0 EB 164+00 EB 165+00 EB 166+00 EB 167+00 EB 168+00 EB 169+00 EB 170+00 EB

IH 39/90/94

12.0' 12.0'

50' (TYP)

W04-3R

64+00 'F'

65+00 'F'

66+00 'F'

67+00 'F'

68+00 'F'

68+55 'F'

TEMPORARY PAVEMENT
MARKING NON-REFLECTIVE
BLACK TAPE 6-INCH
STA 167+00 EB - 184+00 EB

STAY IN LANE
R4-9
48"X60"

TEMPORARY PAVEMENT MARKING
REMOVABLE TAPE 4-INCH, WHITE

TEMPORARY PAVEMENT
MARKING NON-REFLECTIVE
BLACK TAPE 6-INCH
STA 169+44 EB - 175+50 EB

TEMPORARY PAVEMENT
MARKING NON-REFLECTIVE
BLACK TAPE 6-INCH
STA 169+44 EB - 172+00 EB

TEMPORARY PAVEMENT MARKING
REMOVABLE TAPE, 8-INCH, WHITE

W01-4BL

YIELD
R1-2
36"X31"

BEGIN CROSSOVER
STA. 169+44 EB
Y: 525035.38
X: 832951.36

MATCHLINE 170+50.00

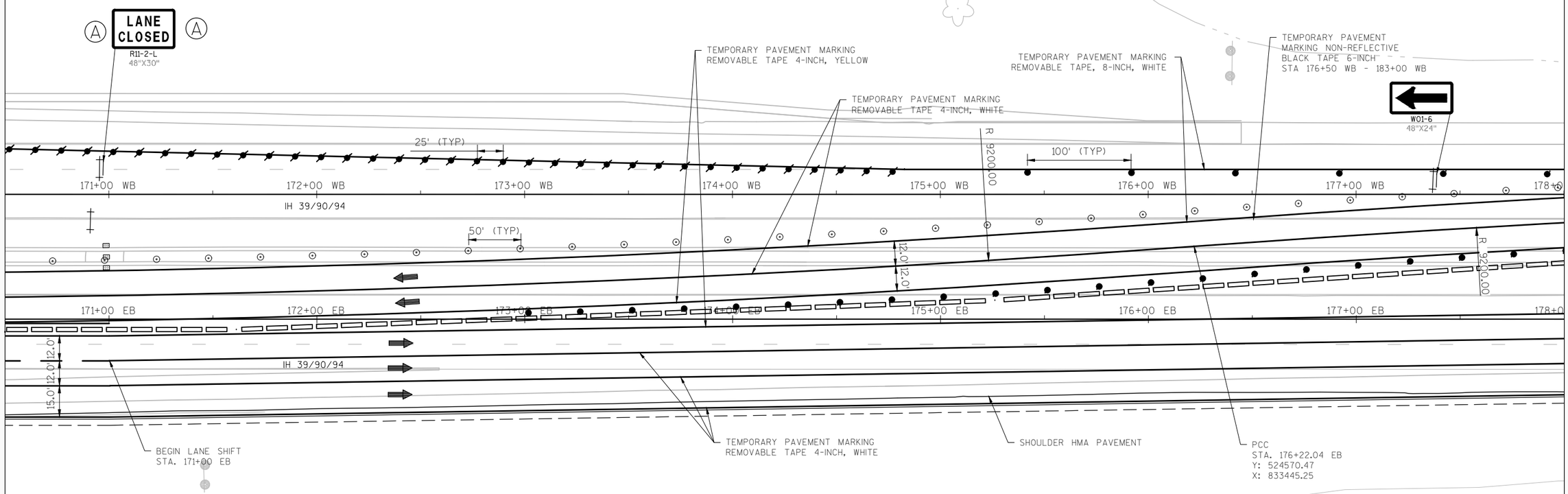
TAN PACIFIC

LEGEND

- TYPE III BARRICADE
- TYPE III BARRICADE WTH ATTACHED SIGN
- TRAFFIC CONTROL DRUM
- TRAFFIC CONTROL DRUM WITH TYPE C STEADY BURN LIGHT
- FLASHING ARROW BOARD
- SIGN ON PERMANENT SUPPORT
- SIGN ON TEMPORARY SUPPORT
- DELINEATOR FLEXIBLE/TUBULAR MARKER
- TYPE A WARNING LIGHT (FLASHING)
- CONCRETE BARRIER TEMPORARY PRECAST
- WORK AREA
- DIRECTION OF TRAFFIC
- MB PORTABLE CHANGEABLE MESSAGE BOARD

PROJECT NO:1010-02-78	HWY: IH 39	COUNTY: DANE	TRAFFIC CONTROL - IH 39 STAGE 3	SHEET _____	E

SEE SDD TRAFFIC CONTROL, SINGLE LANE CROSSOVER EXIT WITH BARRIER AND SDD TRAFFIC CONTROL, EXIT AND ENTRANCE RAMP WITHIN LANE CLOSURE FOR ADDITIONAL TRAFFIC CONTROL DETAILS AND SIGN SPACING LAYOUT



LEGEND

- TYPE III BARRICADE
- TYPE III BARRICADE WTH ATTACHED SIGN
- TRAFFIC CONTROL DRUM
- TRAFFIC CONTROL DRUM WITH TYPE C STEADY BURN LIGHT
- FLASHING ARROW BOARD
- SIGN ON PERMANENT SUPPORT
- SIGN ON TEMPORARY SUPPORT
- DELINEATOR FLEXIBLE/TUBULAR MARKER
- (A) TYPE A WARNING LIGHT (FLASHING)
- CONCRETE BARRIER TEMPORARY PRECAST
- WORK AREA
- DIRECTION OF TRAFFIC
- MB PORTABLE CHANGEABLE MESSAGE BOARD

PROJECT NO:1010-02-78	HWY: IH 39	COUNTY: DANE	TRAFFIC CONTROL - IH 39 STAGE 3	SHEET _____	E

2

SEE SDD TRAFFIC CONTROL, SINGLE LANE CROSSOVER EXIT WITH BARRIER AND SDD TRAFFIC CONTROL, EXIT AND ENTRANCE RAMP WITHIN LANE CLOSURE FOR ADDITIONAL TRAFFIC CONTROL DETAILS AND SIGN SPACING LAYOUT

N

TEMPORARY PAVEMENT MARKING NON-REFLECTIVE BLACK TAPE 6-INCH STA 178+50 WB - 183+00 WB

EXIT

E5-1
72"X60"

TEMPORARY PAVEMENT MARKING REMOVABLE TAPE, 8-INCH, WHITE

END CROSSOVER
STA. 183+00 WB
Y: 524105.54
X: 833939.18

TEMPORARY PAVEMENT MARKING REMOVABLE TAPE, 8-INCH, WHITE (3' LINE, 9' GAP)

MATCHLINE 178+00.00

0 WB | 179+00 WB | 180+00 WB | 181+00 WB | 182+00 WB | 183+00 WB | 184+00 WB | 185+00 WB

IH 39/90/94

12.0' 12.0'

R 9200.00

50' (TYP)

100' (TYP)

0 EB | 179+00 EB | 180+00 EB | 181+00 EB | 182+00 EB | 183+00 EB | 184+00 EB | 185+00 EB

12.0' 12.0' 15.0'

IH 39/90/94

TEMPORARY PAVEMENT MARKING REMOVABLE TAPE 4-INCH, YELLOW

END LANE SHIFT
STA. 184+00 EB

TEMPORARY PAVEMENT MARKING REMOVABLE TAPE 4-INCH, WHITE

END WALL REMOVAL
STA. 178+79 EB
STA. 178+79 WB
(SEE PLAN DETAILS)

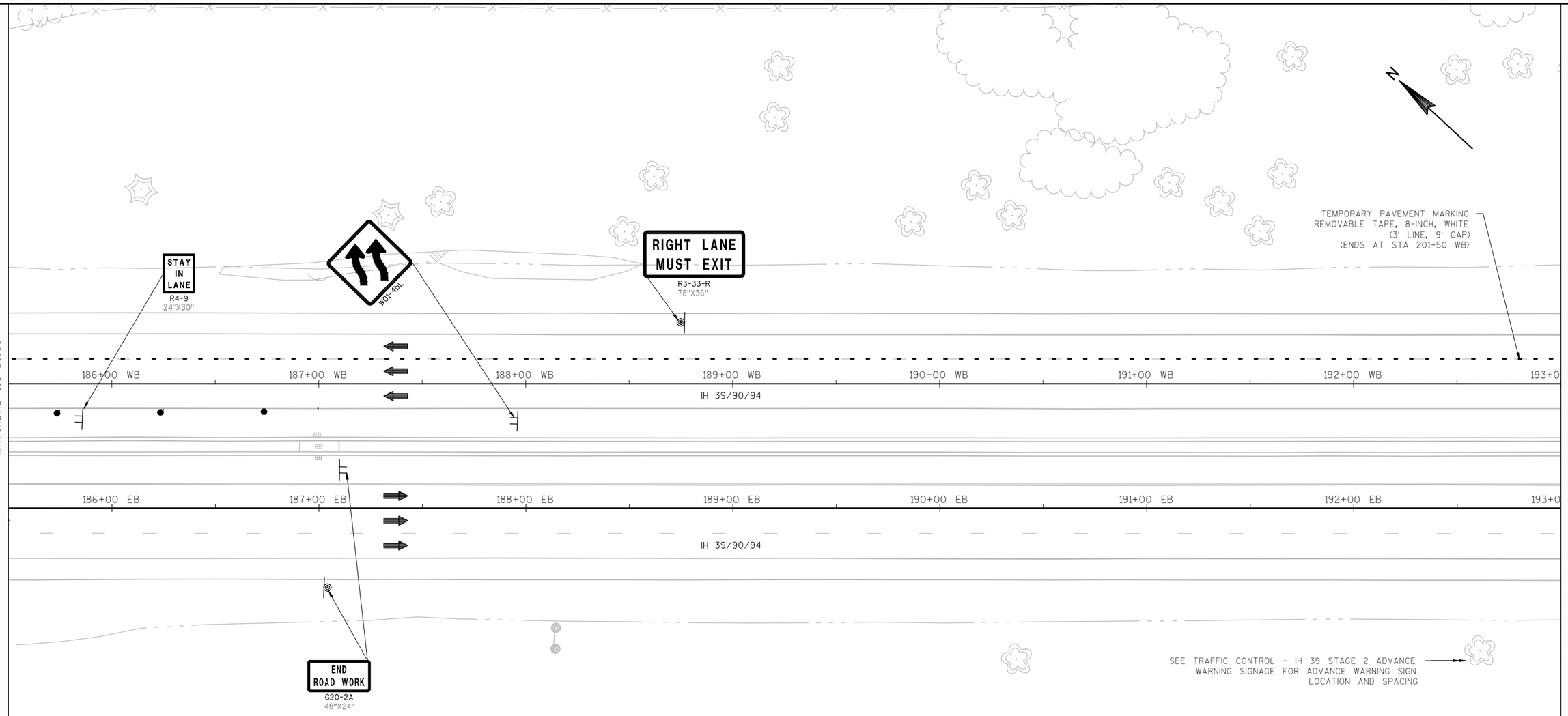
STA. 184+00 EB, 24' RT

MATCHLINE 185+50.00

LEGEND

- TYPE III BARRICADE
- TYPE III BARRICADE WTH ATTACHED SIGN
- TRAFFIC CONTROL DRUM
- TRAFFIC CONTROL DRUM WITH TYPE C STEADY BURN LIGHT
- FLASHING ARROW BOARD
- SIGN ON PERMANENT SUPPORT
- SIGN ON TEMPORARY SUPPORT
- DELINEATOR FLEXIBLE/TUBULAR MARKER
- (A) TYPE A WARNING LIGHT (FLASHING)
- CONCRETE BARRIER TEMPORARY PRECAST
- WORK AREA
- DIRECTION OF TRAFFIC
- MB PORTABLE CHANGEABLE MESSAGE BOARD

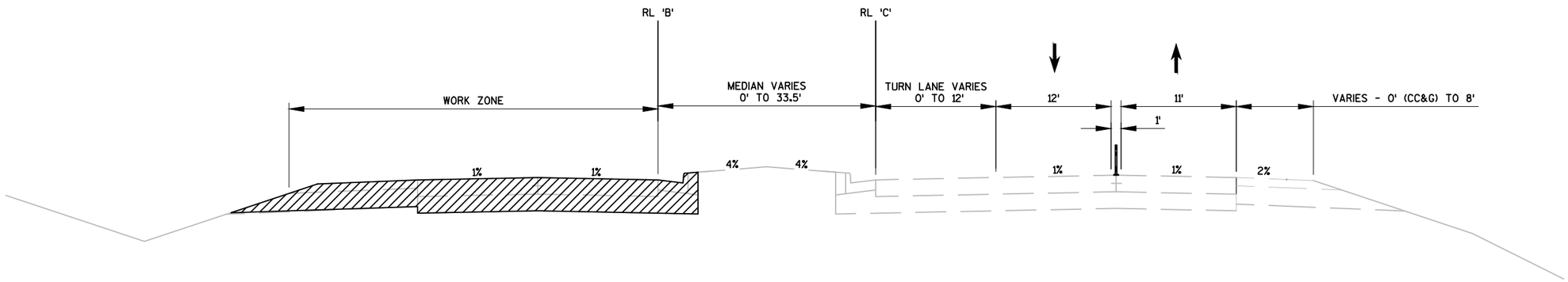
PROJECT NO:1010-02-78	HWY: IH 39	COUNTY: DANE	TRAFFIC CONTROL - IH 39 STAGE 3	SHEET _____	E



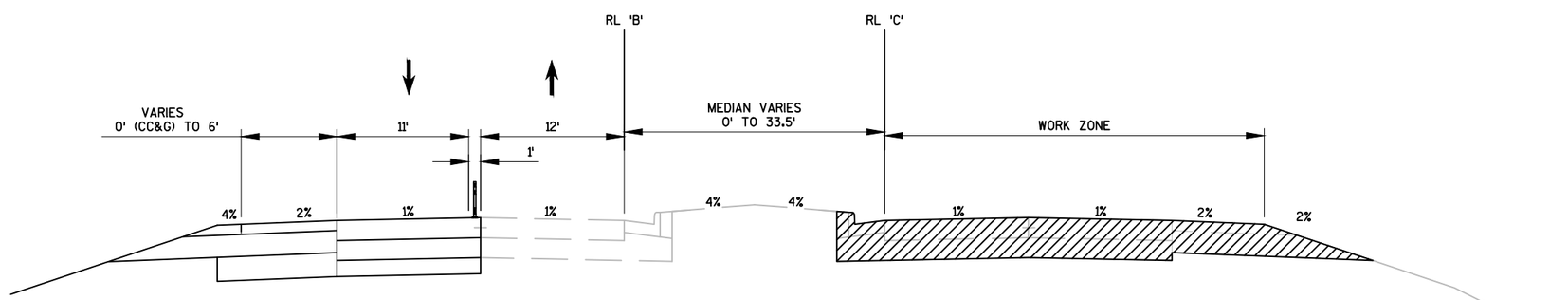
LEGEND

- TYPE III BARRICADE
- TYPE III BARRICADE WTH ATTACHED SIGN
- TRAFFIC CONTROL DRUM
- TRAFFIC CONTROL DRUM WITH TYPE C STEADY BURN LIGHT
- FLASHING ARROW BOARD
- SIGN ON PERMANENT SUPPORT
- SIGN ON TEMPORARY SUPPORT
- DELINEATOR FLEXIBLE/TUBULAR MARKER
- TYPE A WARNING LIGHT (FLASHING)
- CONCRETE BARRIER TEMPORARY PRECAST
- WORK AREA
- DIRECTION OF TRAFFIC
- MB PORTABLE CHANGEABLE MESSAGE BOARD

PROJECT NO:1010-02-78	HWY: IH 39	COUNTY: DANE	TRAFFIC CONTROL - IH 39 STAGE 3	SHEET _____	E



STAGE 1 TRAFFIC - STH 19



STAGE 2 TRAFFIC - STH 19

PROJECT NO:1010-02-78	HWY:IH 39	COUNTY:DANE	PLAN: TYPICAL SECTIONS	SHEET	E

2

GENERAL NOTES:

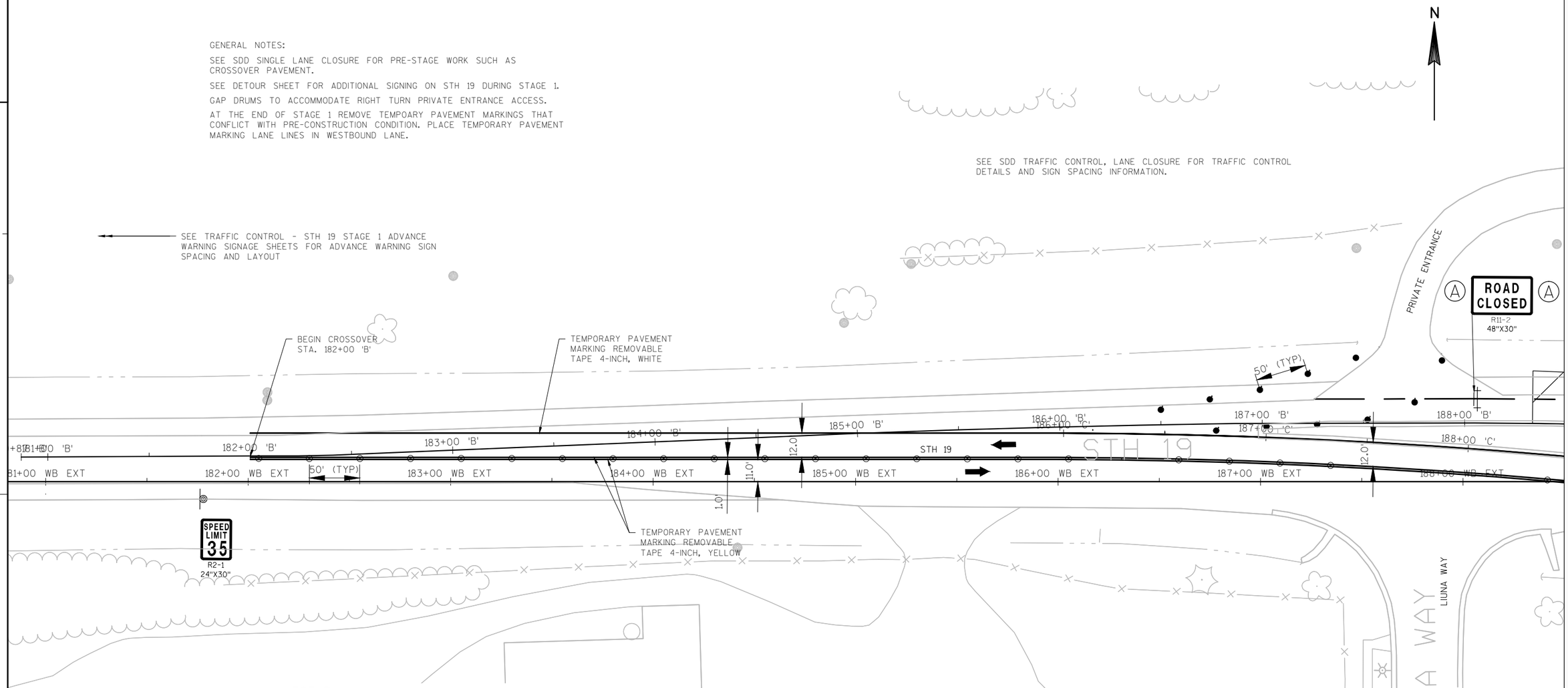
SEE SDD SINGLE LANE CLOSURE FOR PRE-STAGE WORK SUCH AS CROSSOVER PAVEMENT.

SEE DETOUR SHEET FOR ADDITIONAL SIGNING ON STH 19 DURING STAGE 1.

GAP DRUMS TO ACCOMMODATE RIGHT TURN PRIVATE ENTRANCE ACCESS.

AT THE END OF STAGE 1 REMOVE TEMPOARY PAVEMENT MARKINGS THAT CONFLICT WITH PRE-CONSTRUCTION CONDITION. PLACE TEMPORARY PAVEMENT MARKING LANE LINES IN WESTBOUND LANE.

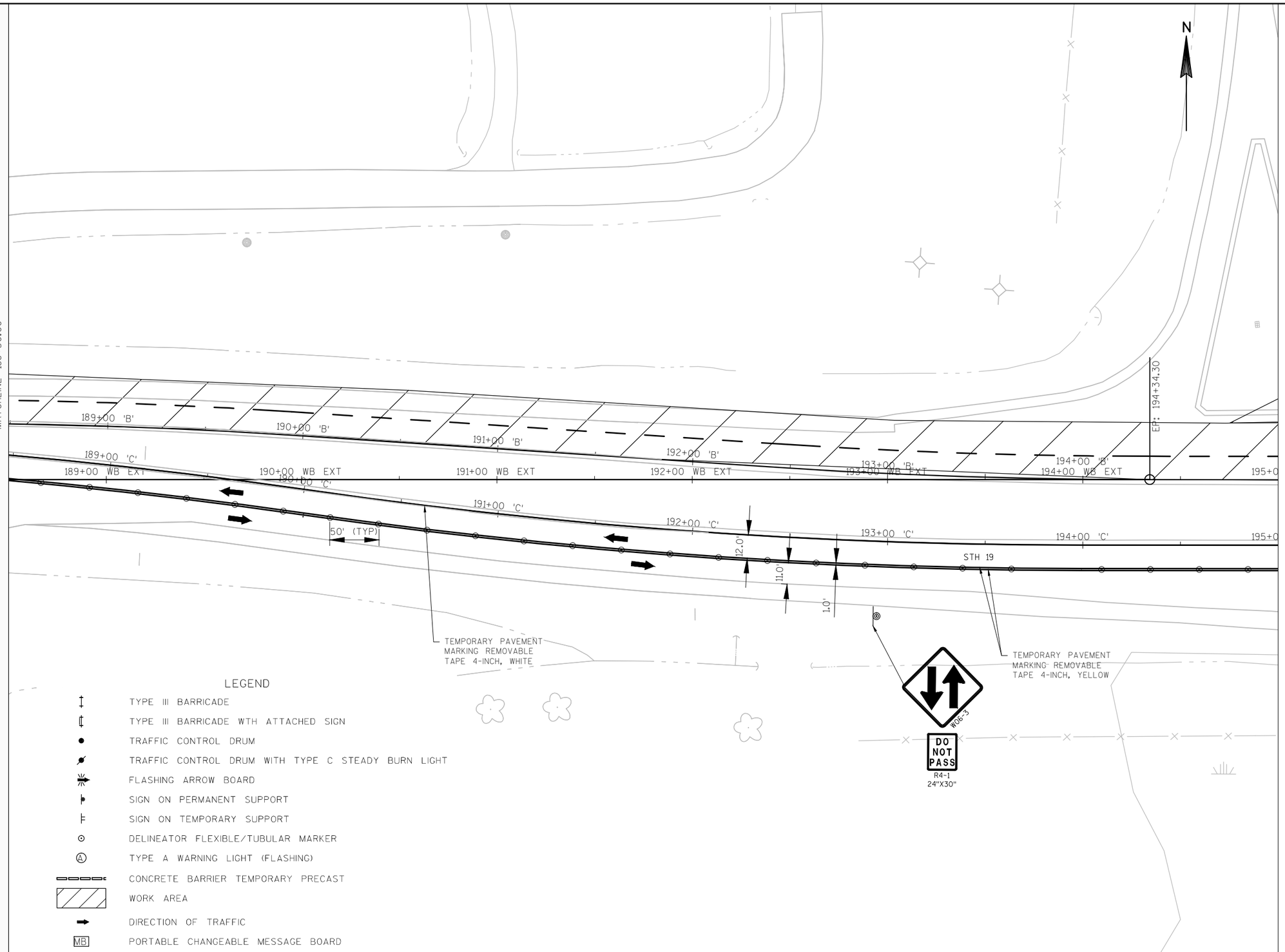
SEE SDD TRAFFIC CONTROL, LANE CLOSURE FOR TRAFFIC CONTROL DETAILS AND SIGN SPACING INFORMATION.



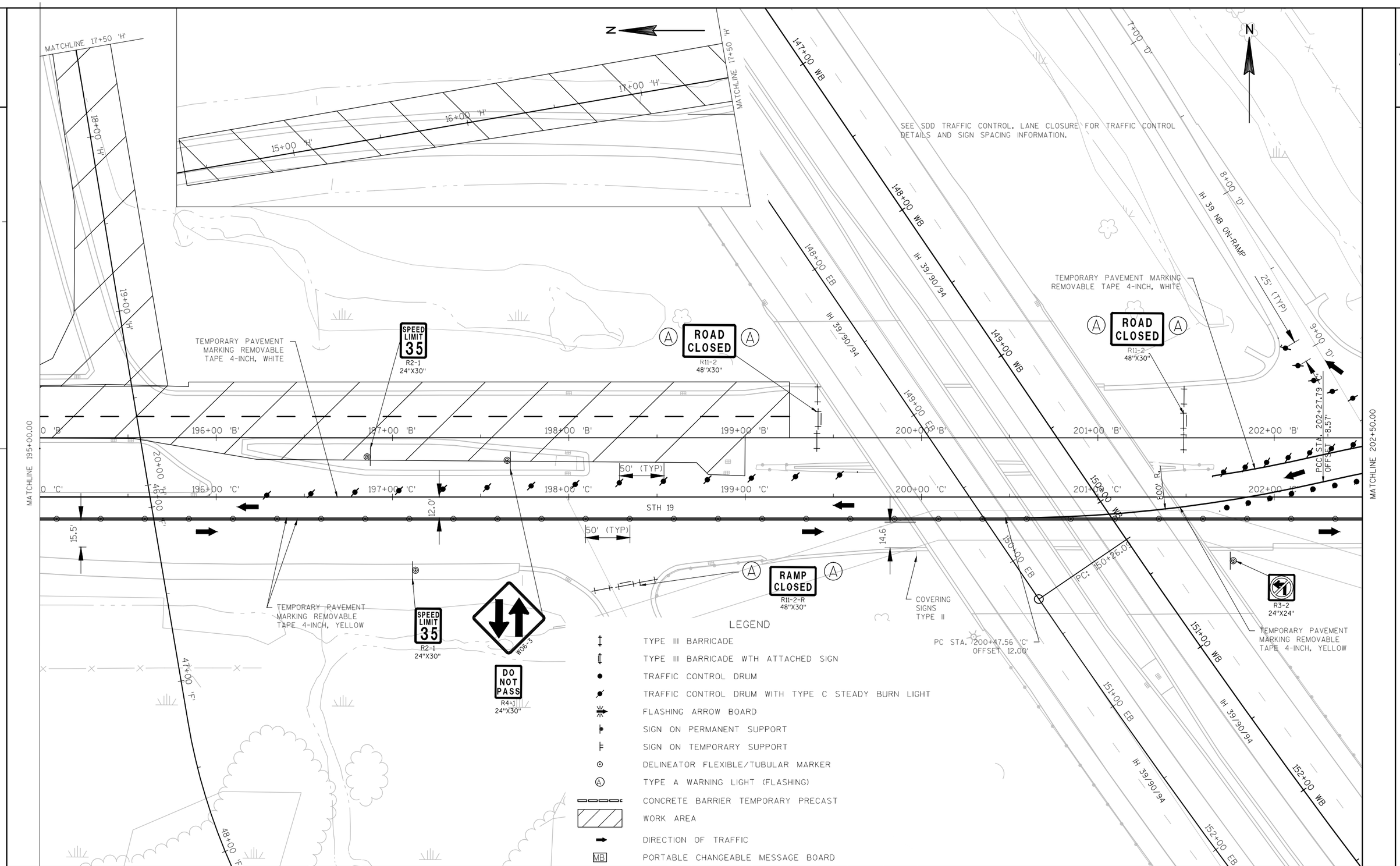
LEGEND

- TYPE III BARRICADE
- TYPE III BARRICADE WTH ATTACHED SIGN
- TRAFFIC CONTROL DRUM
- TRAFFIC CONTROL DRUM WITH TYPE C STEADY BURN LIGHT
- FLASHING ARROW BOARD
- SIGN ON PERMANENT SUPPORT
- SIGN ON TEMPORARY SUPPORT
- DELINEATOR FLEXIBLE/TUBULAR MARKER
- TYPE A WARNING LIGHT (FLASHING)
- CONCRETE BARRIER TEMPORARY PRECAST
- WORK AREA
- DIRECTION OF TRAFFIC
- MB PORTABLE CHANGEABLE MESSAGE BOARD

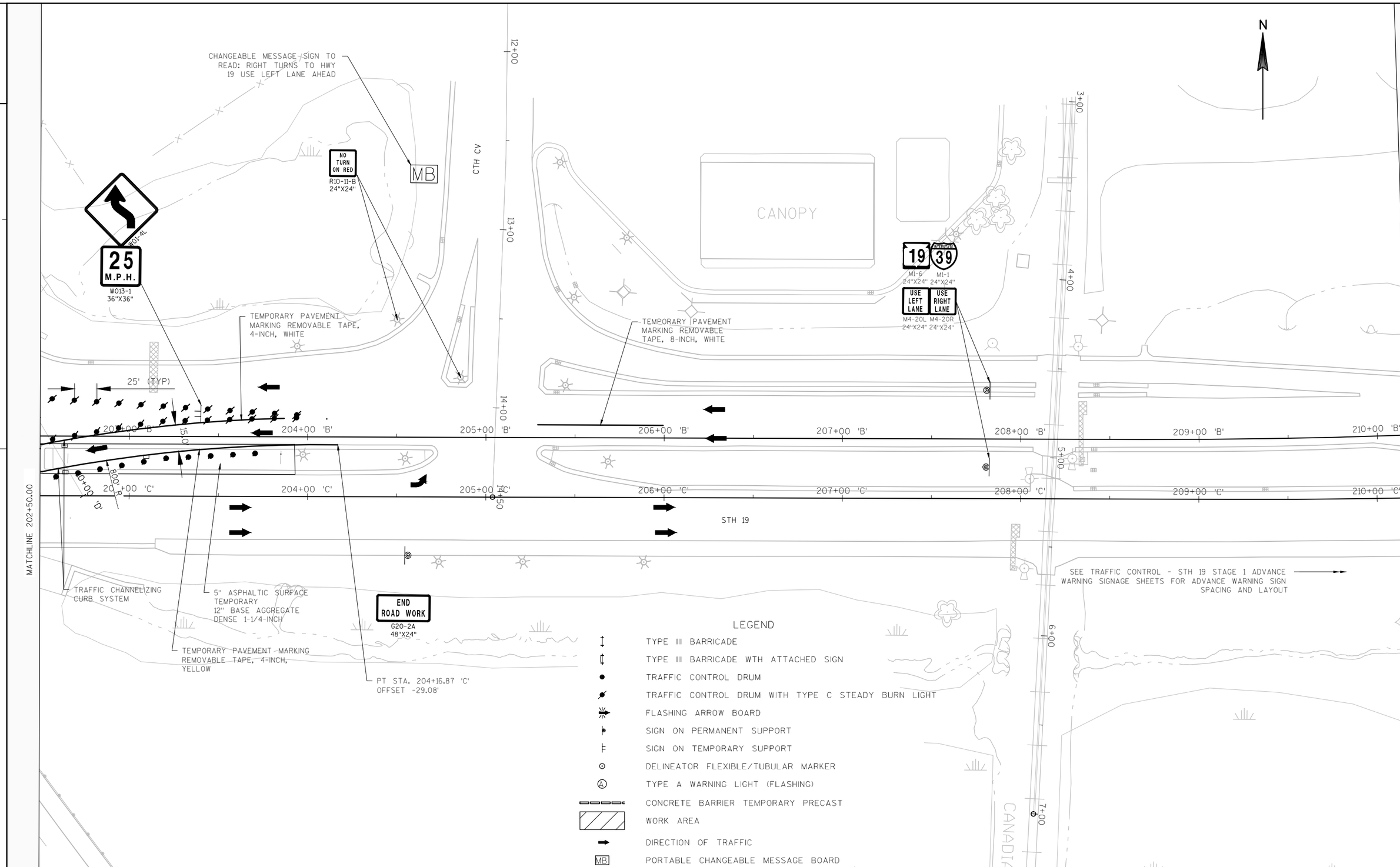
PROJECT NO:1010-02-78	HWY: IH 39	COUNTY: DANE	TRAFFIC CONTROL - STH 19 STAGE 1	SHEET _____	E



PROJECT NO:1010-02-78	HWY: IH 39	COUNTY: DANE	TRAFFIC CONTROL - STH 19 STAGE 1	SHEET _____	E



PROJECT NO:1010-02-78	HWY:IH 39	COUNTY:DANE	TRAFFIC CONTROL - STH 19 STAGE 1	SHEET _____	E



2

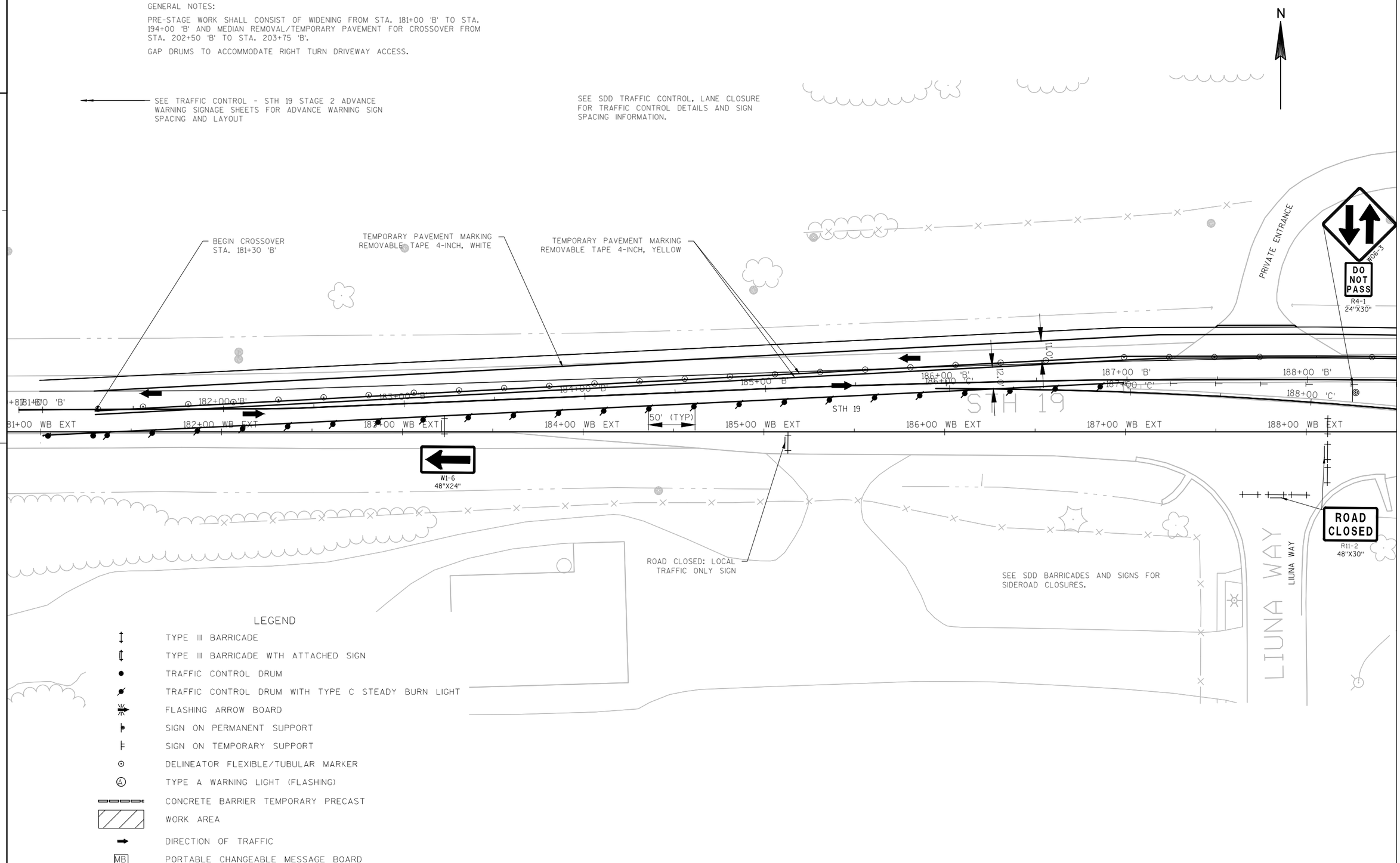
PROJECT NO:1010-02-78	HWY: IH 39	COUNTY: DANE	TRAFFIC CONTROL - STH 19 STAGE 1	SHEET -----	E

2

GENERAL NOTES:

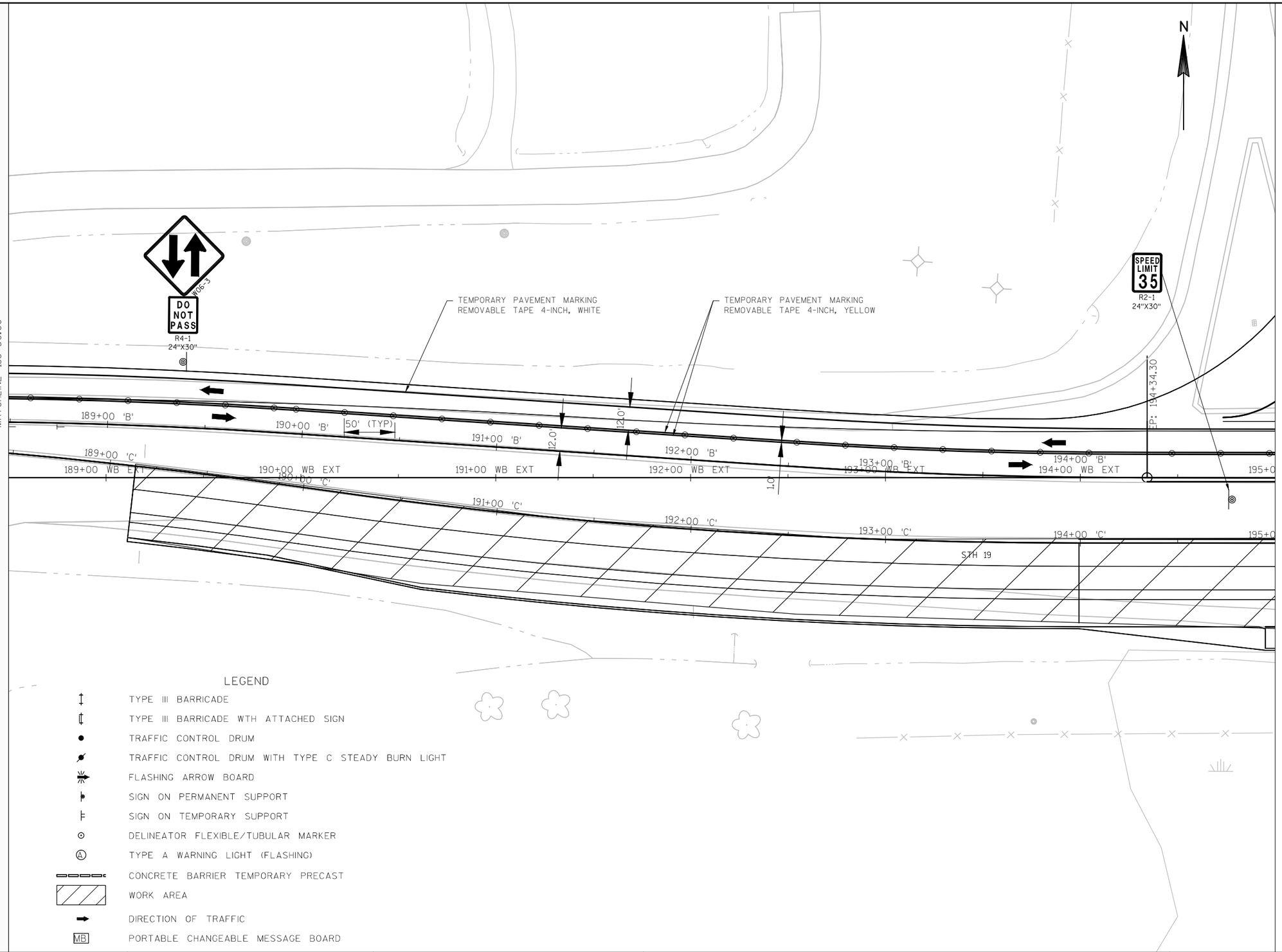
PRE-STAGE WORK SHALL CONSIST OF WIDENING FROM STA. 181+00 'B' TO STA. 194+00 'B' AND MEDIAN REMOVAL/TEMPORARY PAVEMENT FOR CROSSOVER FROM STA. 202+50 'B' TO STA. 203+75 'B'.

GAP DRUMS TO ACCOMMODATE RIGHT TURN DRIVEWAY ACCESS.



PROJECT NO:1010-02-78	HWY: IH 39	COUNTY: DANE	TRAFFIC CONTROL - STH 19 STAGE 2	SHEET _____	E

2



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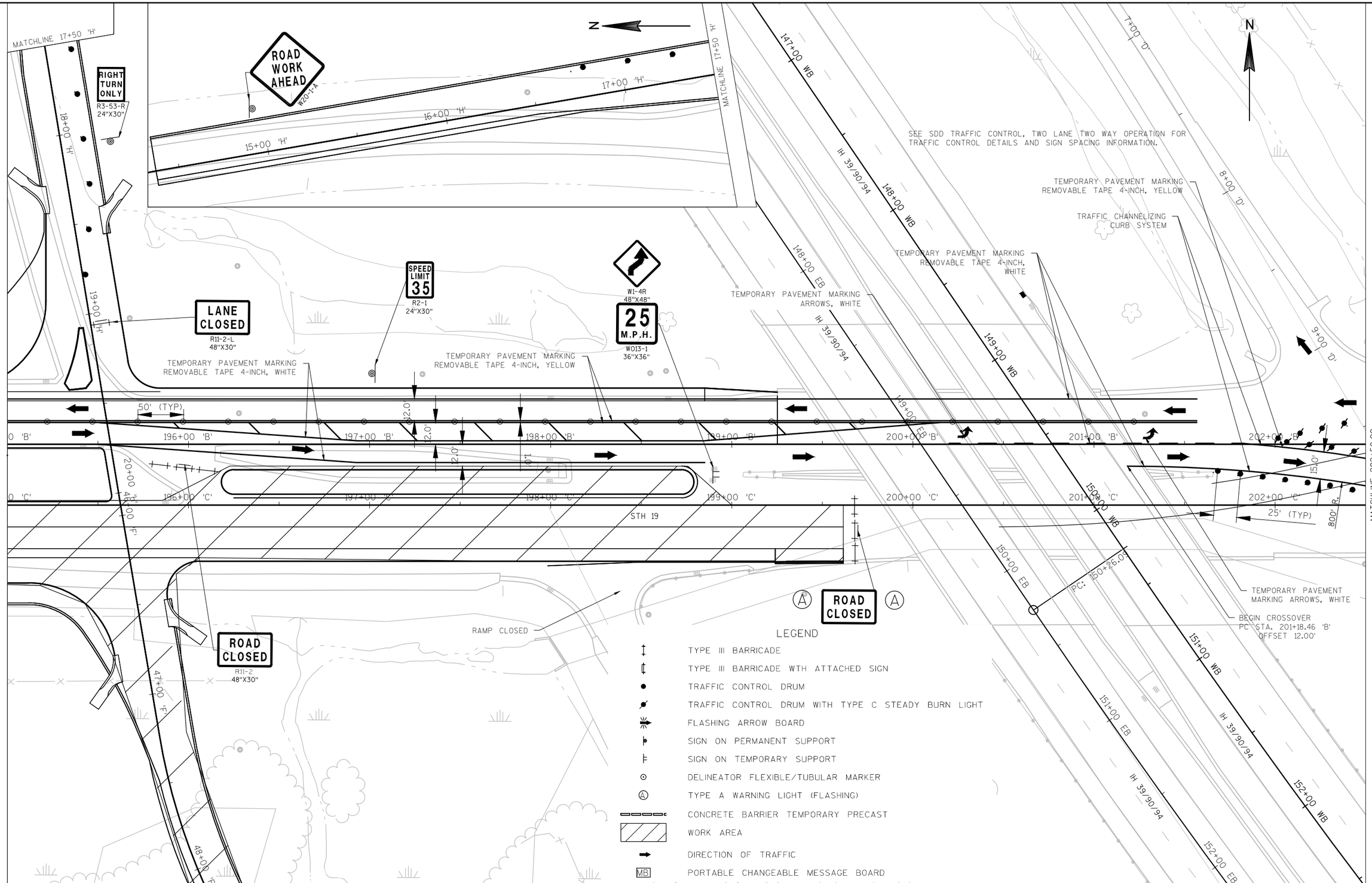
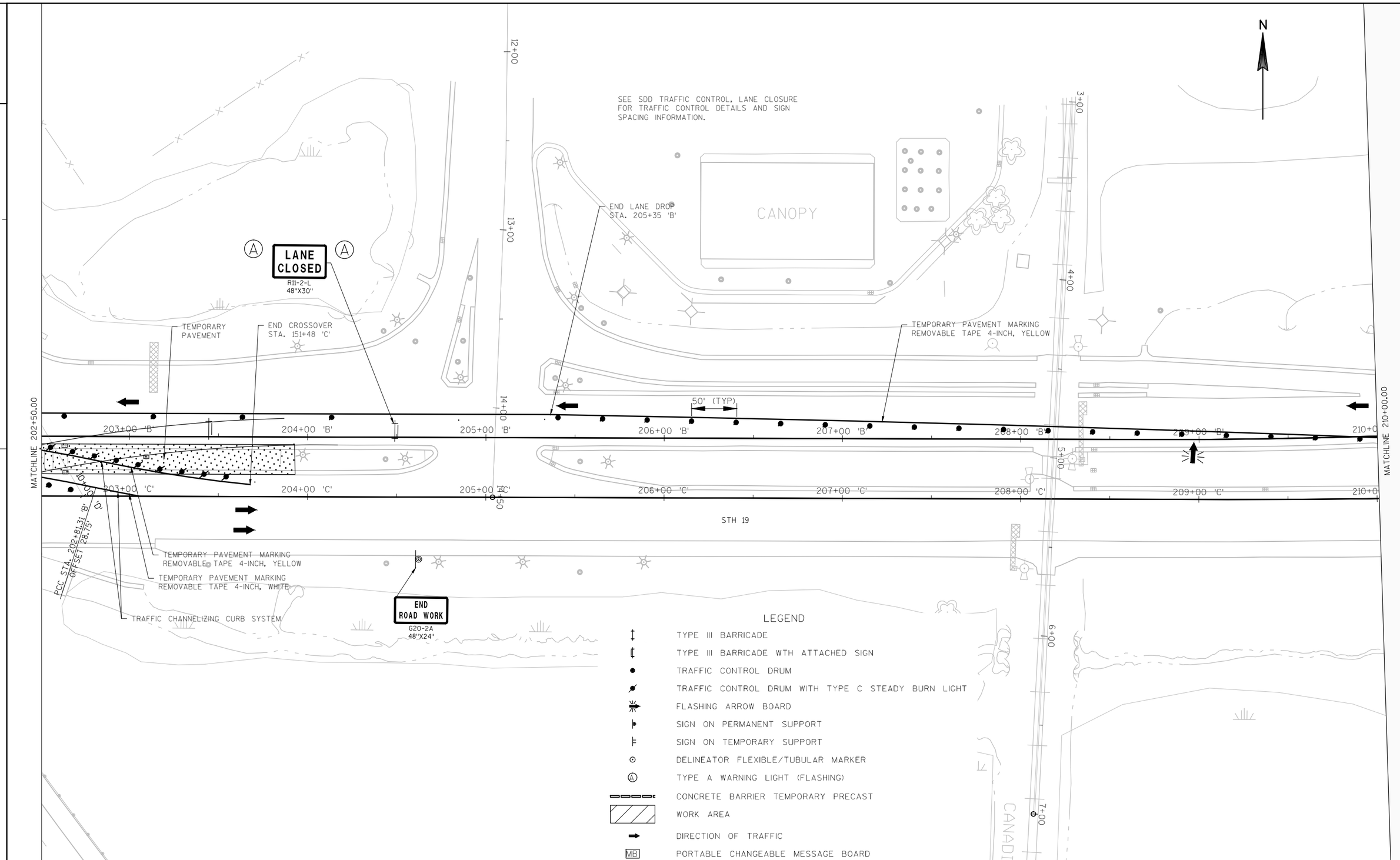
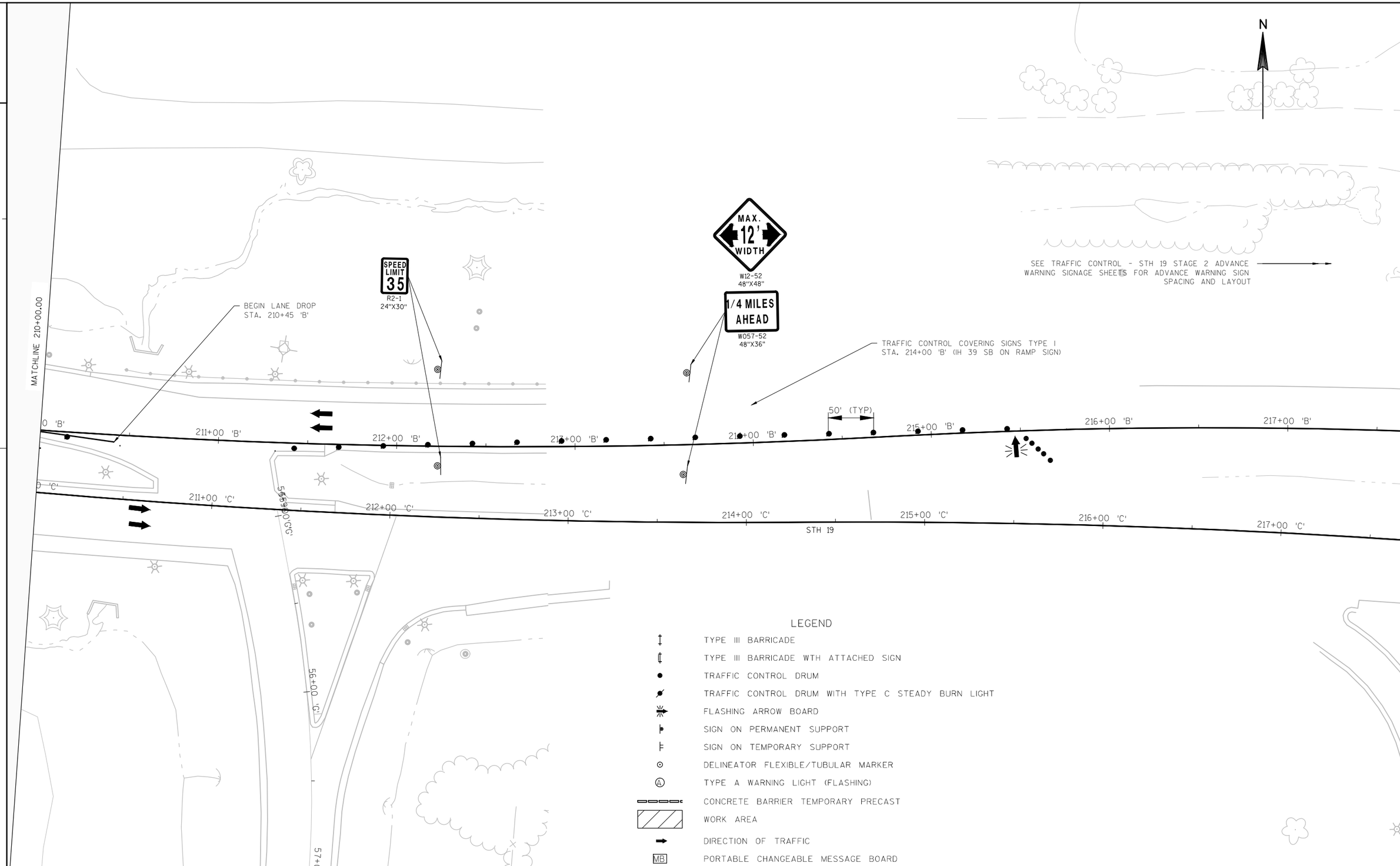
PROJECT NO:1010-02-78	HWY: IH 39	COUNTY: DANE	TRAFFIC CONTROL - STH 19 STAGE 2	SHEET -----	E

FILE NAME : C:\PWV8I-LOCAL\BAKER_PROJECTS\ALICIA.DESHASIER\D0290664\025004_TC_STH 19 STAGE 2.DWG
LAYOUT NAME - 025004_TC_STH 19 STAGE 2 - 025038
PLOT DATE : 11/13/2014 1:26 PM PLOT BY : DESHASIER, ALICIA A PLOT NAME : ---------- PLOT SCALE : 1:50_XREF


MATCHLINE 17+50 'H'
ROAD WORK AHEAD
W20-1-A
RIGHT TURN ONLY
R3-53-R
24"X30"
18+00 'H'
19+00 'H'
20+00 'H'
48+00 'F'
47+00 'F'
48+00 'F'
15+00 'H'
16+00 'H'
17+00 'H'
MATCHLINE 17+50 'H'
LANE CLOSED
R11-2-L
48"X30"
SPEED LIMIT 35
R2-1
24"X30"
W1-4R
48"X48"
25 M.P.H.
W013-1
36"X36"
TEMPORARY PAVEMENT MARKING REMOVABLE TAPE 4-INCH, WHITE
TEMPORARY PAVEMENT MARKING REMOVABLE TAPE 4-INCH, YELLOW
50' (TYP)
12.0'
12.0'
10'
MATCHLINE 195+00.00
196+00 'B'
197+00 'B'
198+00 'B'
199+00 'B'
200+00 'B'
201+00 'B'
202+00 'B'
196+00 'C'
197+00 'C'
198+00 'C'
199+00 'C'
200+00 'C'
201+00 'C'
202+00 'C'
STH 19
ROAD CLOSED
R11-2
48"X30"
RAMP CLOSED
ROAD CLOSED
147+00 WB
IH 39/90/94
148+00 WB
148+00 EB
IH 39/90/94
149+00 WB
149+00 EB
150+00 WB
150+00 EB
PC: 150+26.05
151+00 WB
151+00 EB
IH 39/90/94
152+00 WB
152+00 EB
7+00 'D'
8+00 'D'
9+00 'D'
SEE SDD TRAFFIC CONTROL, TWO LANE TWO WAY OPERATION FOR TRAFFIC CONTROL DETAILS AND SIGN SPACING INFORMATION.
TEMPORARY PAVEMENT MARKING REMOVABLE TAPE 4-INCH, YELLOW
TRAFFIC CHANNELIZING CURB SYSTEM
TEMPORARY PAVEMENT MARKING REMOVABLE TAPE 4-INCH, WHITE
TEMPORARY PAVEMENT MARKING ARROWS, WHITE
TEMPORARY PAVEMENT MARKING ARROWS, WHITE
BEGIN CROSSOVER
PC STA. 201+18.46 'B'
OFFSET 12.00'
15.0'
800' R.
25' (TYP)
MATCHLINE 202+50.00
N
LEGEND
TYPE III BARRICADE
TYPE III BARRICADE WTH ATTACHED SIGN
TRAFFIC CONTROL DRUM
TRAFFIC CONTROL DRUM WITH TYPE C STEADY BURN LIGHT
FLASHING ARROW BOARD
SIGN ON PERMANENT SUPPORT
SIGN ON TEMPORARY SUPPORT
DELINEATOR FLEXIBLE/TUBULAR MARKER
TYPE A WARNING LIGHT (FLASHING)
CONCRETE BARRIER TEMPORARY PRECAST
WORK AREA
DIRECTION OF TRAFFIC
PORTABLE CHANGEABLE MESSAGE BOARD



PROJECT NO:1010-02-78	HWY: IH 39	COUNTY: DANE	TRAFFIC CONTROL - STH 19 STAGE 2	SHEET -----	E

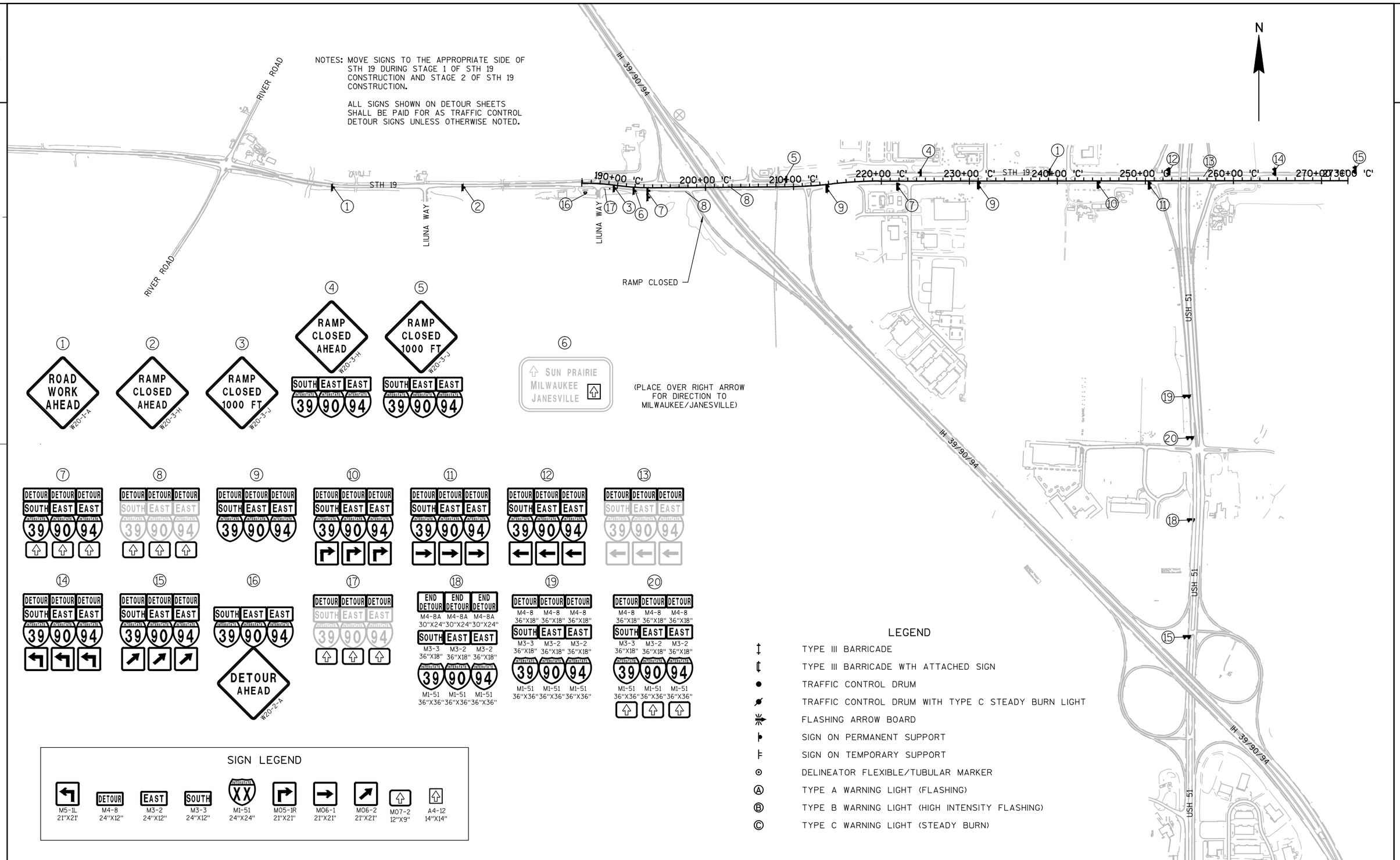


PROJECT NO:1010-02-78	HWY: IH 39	COUNTY: DANE	TRAFFIC CONTROL - STH 19 STAGE 2	SHEET -----	E

2

NOTES: MOVE SIGNS TO THE APPROPRIATE SIDE OF STH 19 DURING STAGE 1 OF STH 19 CONSTRUCTION AND STAGE 2 OF STH 19 CONSTRUCTION.

ALL SIGNS SHOWN ON DETOUR SHEETS SHALL BE PAID FOR AS TRAFFIC CONTROL DETOUR SIGNS UNLESS OTHERWISE NOTED.



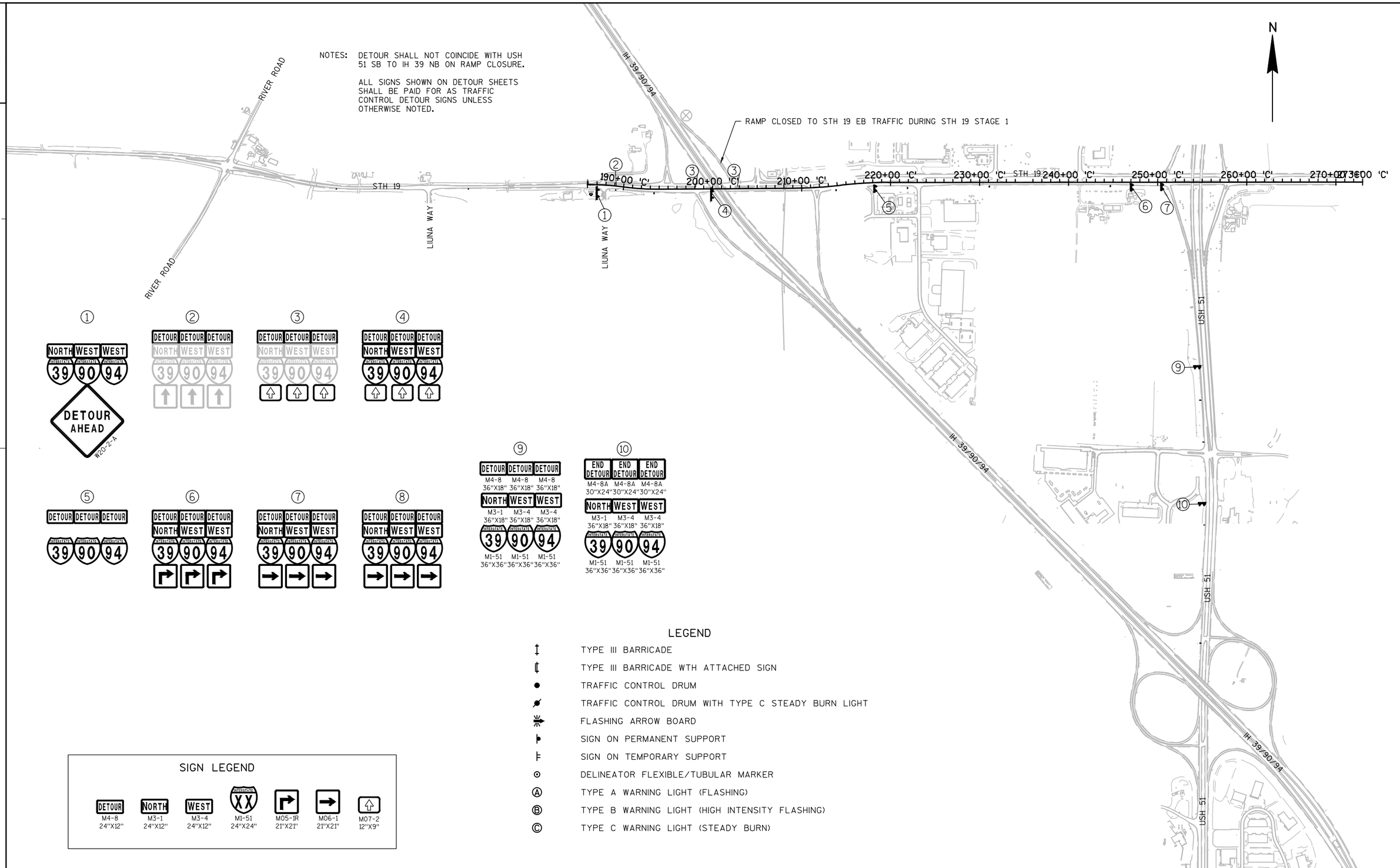
2

PROJECT NO:1010-02-78	HWY:IH 39	COUNTY:DANE	DETOUR ROUTE SIGNING - IH 39 SB ON RAMP CLOSURE	SHEET _____	E

2

NOTES: DETOUR SHALL NOT COINCIDE WITH USH 51 SB TO IH 39 NB ON RAMP CLOSURE.

ALL SIGNS SHOWN ON DETOUR SHEETS SHALL BE PAID FOR AS TRAFFIC CONTROL DETOUR SIGNS UNLESS OTHERWISE NOTED.



2

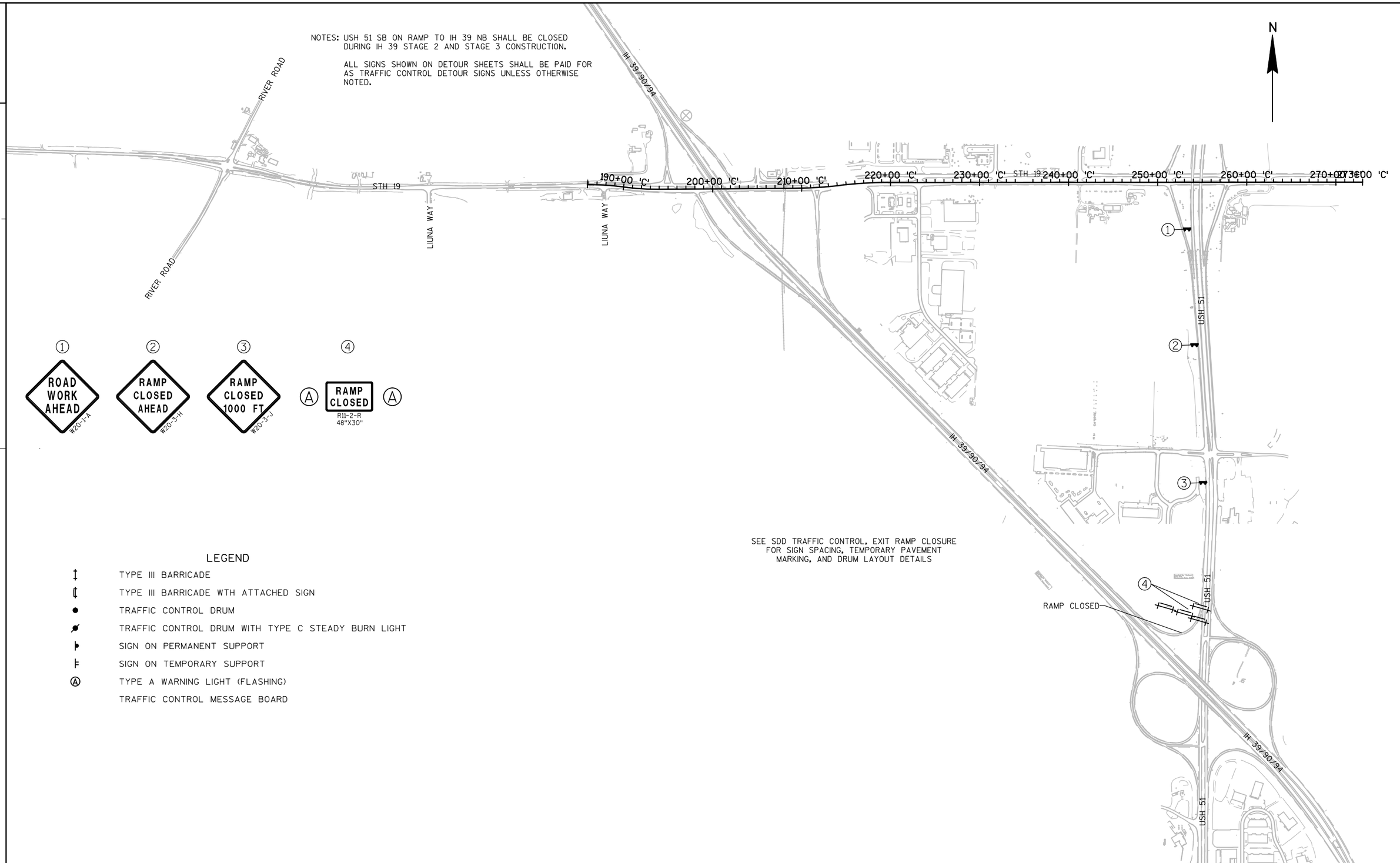
PROJECT NO:1010-02-78	HWY:IH 39	COUNTY:DANE	DETOUR ROUTE SIGNING - IH 39 NB ON RAMP RESTRICTION	SHEET _____	E

FILE NAME : C:\PWV8I-LOCAL\BAKER_PROJECTS\ALICIA.DESHASIER\D0290664\027001_DT2_STH DETOUR SIGNING.DWG PLOT DATE : 3/10/2015 12:34 PM PLOT BY : DESHASIER, ALICIA A PLOT NAME : ----------

WISDOT/CADDS SHEET 42

NOTES: USH 51 SB ON RAMP TO IH 39 NB SHALL BE CLOSED DURING IH 39 STAGE 2 AND STAGE 3 CONSTRUCTION.

ALL SIGNS SHOWN ON DETOUR SHEETS SHALL BE PAID FOR AS TRAFFIC CONTROL DETOUR SIGNS UNLESS OTHERWISE NOTED.

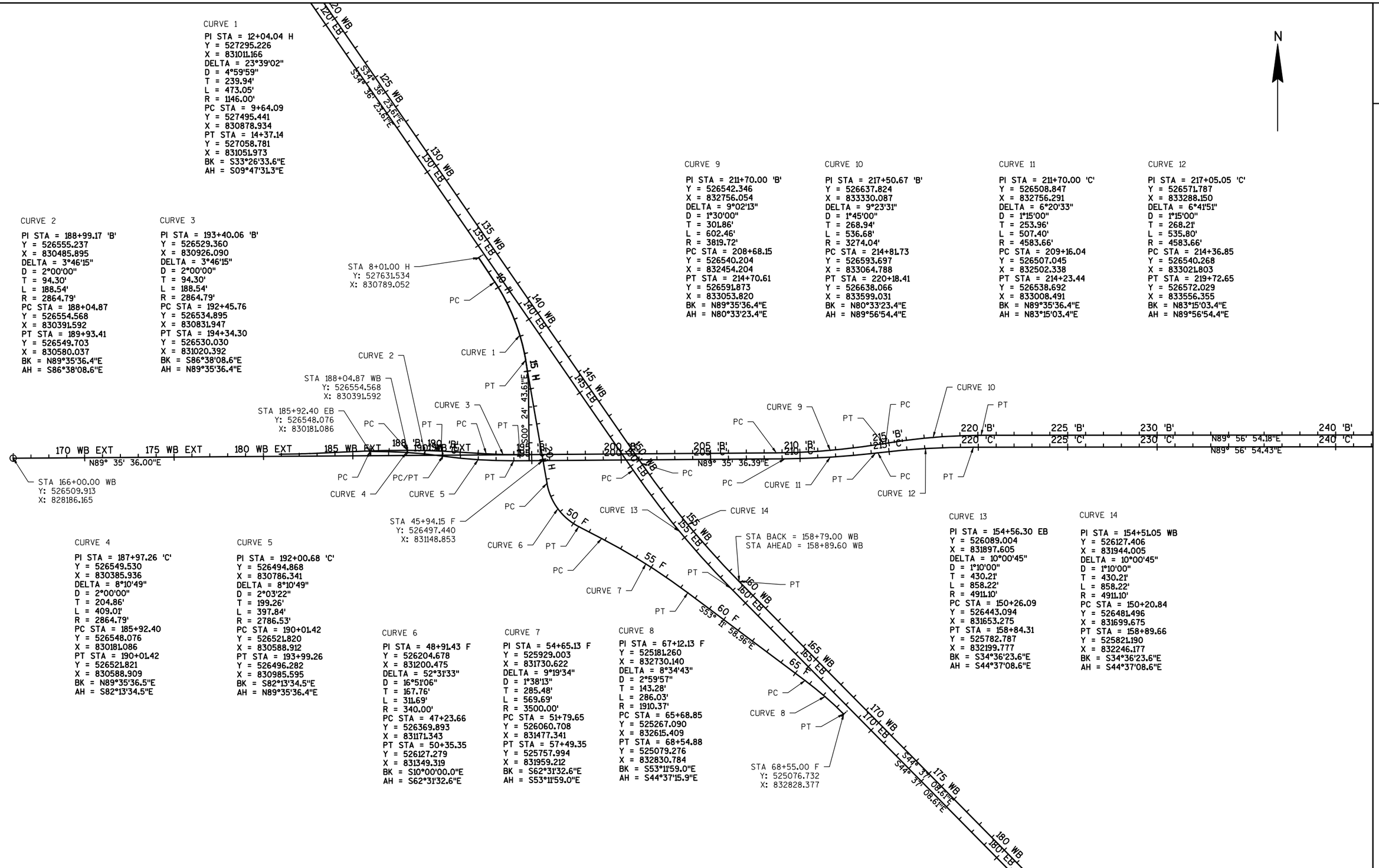


LEGEND

- TYPE III BARRICADE
- TYPE III BARRICADE WTH ATTACHED SIGN
- TRAFFIC CONTROL DRUM
- TRAFFIC CONTROL DRUM WITH TYPE C STEADY BURN LIGHT
- SIGN ON PERMANENT SUPPORT
- SIGN ON TEMPORARY SUPPORT
- (A) TYPE A WARNING LIGHT (FLASHING)
- TRAFFIC CONTROL MESSAGE BOARD

PROJECT NO:1010-02-78	HWY:IH 39	COUNTY:DANE	DETOUR ROUTE SIGNING - USH 51 ON-RAMP CLOSURE	SHEET -----	E

FILE NAME : C:\PWV8I-LOCAL\BAKER_PROJECTS\ALICIA.DESHASIER\D0290664\027002_DT_USH 51 DETOUR SIGNING.DWG PLOT DATE : 3/10/2015 12:35 PM PLOT BY : DESHASIER, ALICIA A PLOT NAME : ----------



CURVE 1

PI STA = 12+04.04 H
Y = 527295.226
X = 831011.166
DELTA = 23°39'02"
D = 4°59'59"
T = 239.94'
L = 473.05'
R = 1146.00'
PC STA = 9+64.09
Y = 527495.441
X = 830878.934
PT STA = 14+37.14
Y = 527058.781
X = 831051.973
BK = S33°26'33.6"E
AH = S09°47'31.3"E

CURVE 2

PI STA = 188+99.17 'B'
Y = 526555.237
X = 830485.895
DELTA = 3°46'15"
D = 2°00'00"
T = 94.30'
L = 188.54'
R = 2864.79'
PC STA = 188+04.87
Y = 526554.568
X = 830391.592
PT STA = 189+93.41
Y = 526549.703
X = 830580.037
BK = N89°35'36.4"E
AH = S86°38'08.6"E

CURVE 3

PI STA = 193+40.06 'B'
Y = 526529.360
X = 830926.090
DELTA = 3°46'15"
D = 2°00'00"
T = 94.30'
L = 188.54'
R = 2864.79'
PC STA = 192+45.76
Y = 526534.895
X = 830831.947
PT STA = 194+34.30
Y = 526530.030
X = 831020.392
BK = S86°38'08.6"E
AH = N89°35'36.4"E

CURVE 4

PI STA = 187+97.26 'C'
Y = 526549.530
X = 830385.936
DELTA = 8°10'49"
D = 2°00'00"
T = 204.86'
L = 409.01'
R = 2864.79'
PC STA = 185+92.40
Y = 526548.076
X = 830181.086
PT STA = 190+01.42
Y = 526521.821
X = 830588.909
BK = N89°35'36.5"E
AH = S82°13'34.5"E

CURVE 5

PI STA = 192+00.68 'C'
Y = 526494.868
X = 830786.341
DELTA = 8°10'49"
D = 2°03'22"
T = 199.26'
L = 397.84'
R = 2786.53'
PC STA = 190+01.42
Y = 526521.820
X = 830588.912
PT STA = 193+99.26
Y = 526496.282
X = 830985.595
BK = S82°13'34.5"E
AH = N89°35'36.4"E

CURVE 6

PI STA = 48+91.43 F
Y = 526204.678
X = 831200.475
DELTA = 52°31'33"
D = 16°51'06"
T = 167.76'
L = 311.69'
R = 340.00'
PC STA = 47+23.66
Y = 526369.893
X = 831171.343
PT STA = 50+35.35
Y = 526127.279
X = 831349.319
BK = S10°00'00.0"E
AH = S62°31'32.6"E

CURVE 7

PI STA = 54+65.13 F
Y = 525929.003
X = 831730.622
DELTA = 9°19'34"
D = 1°38'13"
T = 285.48'
L = 569.69'
R = 3500.00'
PC STA = 51+79.65
Y = 526060.708
X = 831477.341
PT STA = 57+49.35
Y = 525757.994
X = 831959.212
BK = S62°31'32.6"E
AH = S53°11'59.0"E

CURVE 8

PI STA = 67+12.13 F
Y = 525181.260
X = 832730.140
DELTA = 8°34'43"
D = 2°59'57"
T = 143.28'
L = 286.03'
R = 1910.37'
PC STA = 65+68.85
Y = 525267.090
X = 832615.409
PT STA = 68+54.88
Y = 525079.276
X = 832830.784
BK = S53°11'59.0"E
AH = S44°37'15.9"E

CURVE 9

PI STA = 211+70.00 'B'
Y = 526542.346
X = 832756.054
DELTA = 9°02'13"
D = 1°30'00"
T = 301.86'
L = 602.46'
R = 3819.72'
PC STA = 208+68.15
Y = 526540.204
X = 832454.204
PT STA = 214+70.61
Y = 526591.873
X = 833053.820
BK = N89°35'36.4"E
AH = N80°33'23.4"E

CURVE 10

PI STA = 217+50.67 'B'
Y = 526637.824
X = 833330.087
DELTA = 9°23'31"
D = 1°45'00"
T = 268.94'
L = 536.68'
R = 3274.04'
PC STA = 214+81.73
Y = 526593.697
X = 833064.788
PT STA = 220+18.41
Y = 526638.066
X = 833599.031
BK = N80°33'23.4"E
AH = N89°56'54.4"E

CURVE 11

PI STA = 211+70.00 'C'
Y = 526508.847
X = 832756.291
DELTA = 6°20'33"
D = 1°15'00"
T = 253.96'
L = 507.40'
R = 4583.66'
PC STA = 209+16.04
Y = 526507.045
X = 832502.338
PT STA = 214+23.44
Y = 526538.692
X = 833008.491
BK = N89°35'36.4"E
AH = N83°15'03.4"E

CURVE 12

PI STA = 217+05.05 'C'
Y = 526571.787
X = 833288.150
DELTA = 6°41'51"
D = 1°15'00"
T = 268.21'
L = 535.80'
R = 4583.66'
PC STA = 214+36.85
Y = 526540.268
X = 833021.803
PT STA = 219+72.65
Y = 526572.029
X = 833556.355
BK = N83°15'03.4"E
AH = N89°56'54.4"E

CURVE 13

PI STA = 154+56.30 EB
Y = 526089.004
X = 831897.605
DELTA = 10°00'45"
D = 1°10'00"
T = 430.21'
L = 858.22'
R = 4911.10'
PC STA = 150+26.09
Y = 526443.094
X = 831653.275
PT STA = 158+84.31
Y = 525782.787
X = 832199.777
BK = S34°36'23.6"E
AH = S44°37'08.6"E

CURVE 14

PI STA = 154+51.05 WB
Y = 526127.406
X = 831944.005
DELTA = 10°00'45"
D = 1°10'00"
T = 430.21'
L = 858.22'
R = 4911.10'
PC STA = 150+20.84
Y = 526481.496
X = 831699.675
PT STA = 158+89.66
Y = 525821.190
X = 832246.177
BK = S34°36'23.6"E
AH = S44°37'08.6"E

PROJECT NO:1010-02-78	HWY:IH 39	COUNTY:DANE	ALIGNMENT PLAN	SHEET _____	E

2

WB
IH 39

	LEFT SHOULDER	LEFT LANE	CENTER LANE	WB ALI	RIGHT LANE	RIGHT SHOULDER
145+00.00 MATCH EXISTING	4%	1.5%	1.5%		1.5%	4%
146+80.00 1.5% SLOPE	4%	1.5%	1.5%		1.5%	1.5%
148+60.00 NORMAL CROWN (1.5%)	1.5%	1.5%	1.5%		1.5%	1.5%
149+88.84 REVERSE CROWN (1.5%)	1.5%	1.5%	1.5%		1.5%	1.5%
150+18.84 REVERSE CROWN (2.0%)	2%	2%	2%		2%	2%
150+96.84 PARTIAL SUPERELEVATION	3.3%	3.3%	3.3%		3.3%	3.3%
151+26.84 - 155+84.00 FULL SUPERELEVATION	3.8%	3.8%	3.8%		3.8%	3.8%
156+92.00 REVERSE CROWN	2%	2%	2%		2%	2%
158+12.00 LEVEL CROWN	2%	2%	2%		0%	0%
159+32.00 - 163+80.00 NORMAL CROWN (2%)	2%	2%	2%		2%	2%
164+10.00 NORMAL CROWN (1.5%)	2.5%	1.5%	1.5%		1.5%	2.5%
165+00.00 MATCH EXISTING	4%	1.5%	1.5%		1.5%	4%

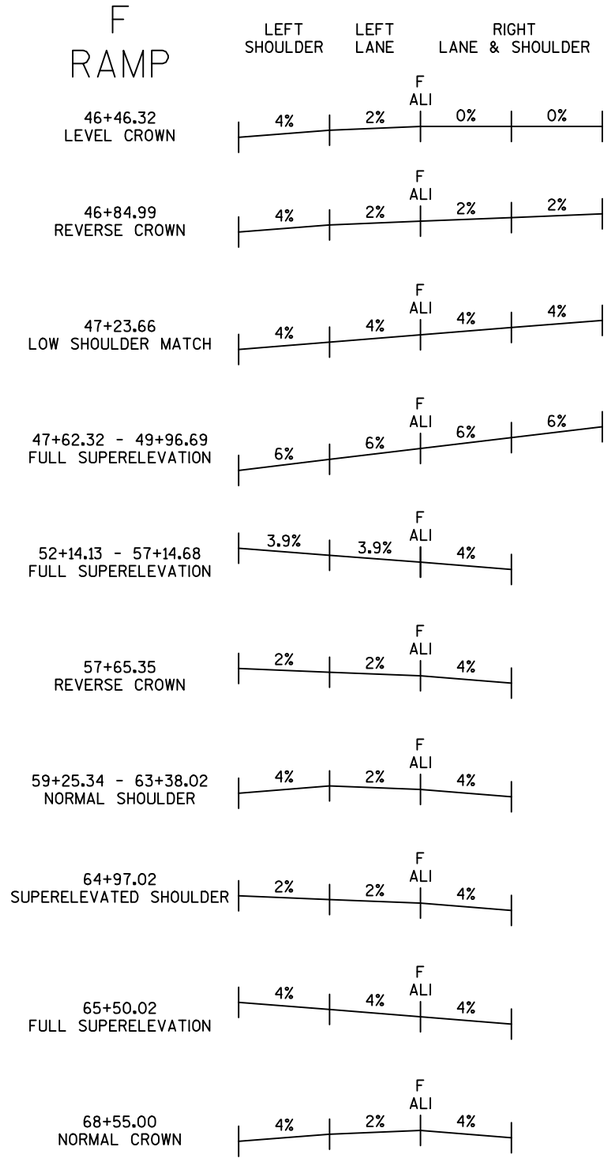
EB
IH 39

	LEFT SHOULDER	LEFT LANE	CENTER LANE	EB ALI	RIGHT LANE	RIGHT SHOULDER
143+24.00 MATCH EXISTING	4%	1.5%	1.5%		1.5%	4%
143+54.09 2% SLOPE	2%	2%	2%		2%	2%
147+54.09 SHIFTED CROWN	2%	2%	2%		2%	2%
148+14.86 1% SLOPE	2%	1%	1%		1%	1%
149+30.18 LEVEL CROWN	2%	0%	0%		0%	0%
150+50.18 REVERSE CROWN	2%	2%	2%		2%	2%
151+14.42 - 156+95.00 FULL SUPERELEVATION	3.8%	3.8%	3.8%		3.8%	3.8%
158+03.00 REVERSE CROWN	2%	2%	2%		2%	2%
159+23.00 LEVEL CROWN	1%	1%	0%		0%	0%
160+13.00 - 162+47.00 BRIDGE DECK	1%	1%	1.5%		1.5%	1.5%
162+77.00 NORMAL CROWN POINT	1.5%	1.5%	1.5%		1.5%	1.5%
164+27.00 - 166+66.52 MATCH EXISTING SLOPES	4%	1.5%	1.5%		1.5%	4%

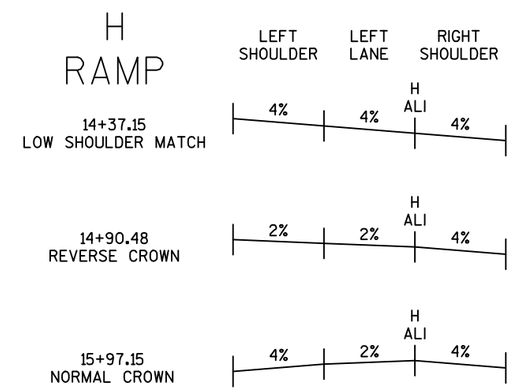
2

PROJECT NO:1010-02-78	HWY:IH 39	COUNTY:DANE	ALIGNMENT PLAN: SUPERELEVATION DIAGRAM	SHEET	E

F RAMP


LEFT SHOULDER
LEFT LANE
RIGHT LANE & SHOULDER
F ALI
46+46.32 LEVEL CROWN
4% 2% 0% 0%
46+84.99 REVERSE CROWN
4% 2% 2% 2%
47+23.66 LOW SHOULDER MATCH
4% 4% 4% 4%
47+62.32 - 49+96.69 FULL SUPERELEVATION
6% 6% 6% 6%
52+14.13 - 57+14.68 FULL SUPERELEVATION
3.9% 3.9% 4%
57+65.35 REVERSE CROWN
2% 2% 4%
59+25.34 - 63+38.02 NORMAL SHOULDER
4% 2% 4%
64+97.02 SUPERELEVATED SHOULDER
2% 2% 4%
65+50.02 FULL SUPERELEVATION
4% 4% 4%
68+55.00 NORMAL CROWN
4% 2% 4%

H RAMP


LEFT SHOULDER
LEFT LANE
RIGHT SHOULDER
H ALI
14+37.15 LOW SHOULDER MATCH
4% 4% 4%
14+90.48 REVERSE CROWN
2% 2% 4%
15+97.15 NORMAL CROWN
4% 2% 4%

3

CATEGORY	STATION	OFFSET		STATION	OFFSET	201.0105 CLEARING STA	201.0205 GRUBBING STA
0010	47+34 'F'	LT	-	48+80 'F'	RT	2	2
	51+00 'F'	LT	-	56+00 'F'	RT	5	5
PROJECT TOTAL						**7**	**7**

CATEGORY	STATION	OFFSET	TO	STATION	OFFSET	204.0165 REMOVING GUARDRAIL LF
0010	198+50 'C'	RT	-	199+11 'C'	RT	70
	145+83 'EB'	RT	-	148+01 'EB'	RT	220
	150+23 'EB'	RT	-	158+68 'EB'	RT	850
	151+10 'WB'	LT	-	154+17 'WB'	LT	310
	156+40 'WB'	LT	-	159+28 'WB'	LT	290
	156+40 'EB'	RT	-	160+57 'EB'	RT	420
	161+28 'WB'	LT	-	165+00 'WB'	LT	380
	58+83 'F'	RT	-	61+66 'F'	RT	290
	59+85 'F'	LT	-	61+43 'F'	LT	160
PROJECT TOTAL						**2,990**

CATEGORY	STATION	OFFSET	TO	STATION	OFFSET	204.0157 REMOVING CONCRETE BARRIER LF
0010	131+16 'EB'	LT	-	139+81'EB'	LT	865
	131+16 'WB'	RT	-	139+81' WB'	RT	865
	146+03 'EB'	LT	-	147+01 'EB'	LT	98
	151+43 'WB'	RT	-	153+65 'WB'	RT	222
	156+52 'WB'	RT	-	159+83 'WB'	RT	331
	162+02 'EB'	LT	-	162+89 'EB'	LT	87
	169+52 'EB'	LT	-	182+98 'EB'	LT	1346
	169+52 'WB'	LT	-	182+98 'WB'	LT	1346
	199+09 'C'	RT	-	199+62 'C'	RT	53
PROJECT TOTAL						**5,213**

3

CATEGORY	STAGE	STATION	TO	STATION	204.0150 REMOVING CURB & GUTTER LF
0010	STAGE 1	195+45 'B'	-	199+25 'B'	395
		194+34 'B'	-	195+97 'B'	170
		17+89 'H'	-	19+20 'H'	214
		194+58 'B'	-	195+31 'B'	77
		18+57 'H'	-	19+31 'H'	75
		196+67 'B'	-	198+11 'B'	147
		196+15 'B'	-	196+67 'B'	70
		202+50 'B'	-	203+54 'B'	211
		203+54 'B'	-	203+93 'B'	39
		203+42 'B'	-	203+93 'B'	51
	STAGE 1 Total				**1,448**
	STAGE 2	46+68 'F'	-	47+09 'F'	67
		198+61 'C'	-	199+09 'C'	48
		46+82 'F'	-	50+65 'F'	150
		193+99 'C'	-	195+98 'C'	206
		196+84 'B'	-	198+12 'B'	129
		198+11 'B'	-	198+12 'B'	7
		196+24 'B'	-	196+84 'B'	61
	STAGE 2 Total				**667**
PROJECT TOTAL					**2,115**

CATEGORY	STAGE	STATION	TO	STATION	204.0100 REMOVING PAVEMENT SY
0010	STAGE 2	143+24 'EB'	-	166+10 'EB'	12,390
	STAGE 3	145+00 'WB'	-	165+00 'WB'	10,450
	STAGE 2	193+12 'C'	-	199+61 'C'	2,900
	STAGE 1	193+02 'B'	-	199+25 'B'	1,790
	STAGE 1	14+37 'H'	-	19+33 'H'	1,700
	STAGE 2	46+67 'F'	-	66+00 'F'	2,670
PROJECT TOTAL					**31,900**

CATEGORY	STATION	OFFSET	TO	STATION	OFFSET	204.0170 REMOVING FENCE LF
0010	193+92 'C'	RT	-	196+26 'C'	RT	235
	49+07 'F'	RT	-	58+00 'F'	RT	895
PROJECT TOTAL						**1,130**

3

CATEGORY	STAGE	STATION	TO	STATION	204.0210 REMOVING MANHOLES EACH	204.0220 REMOVING INLETS EACH	204.0245.01 REMOVING STORM SEWER (12-INCH) LF	204.0245.02 REMOVING STORM SEWER (15-INCH) LF	204.0245.03 REMOVING STORM SEWER (18-INCH) LF	204.0245.05 REMOVING STORM SEWER (24-INCH) LF
0010	STAGE 1	194+08.75 'B'	-	195+81.04 'B'						172
		194+89.31 'B'	-	194+89.31 'B'		1				
		195+21.37 'B'	-	195+21.37 'B'		1				
		195+21.37 'B'		195+42.09 'B'					43	
		195+42.09 'B'	-	195+51.82 'B'					10	
		195+51.82 'B'	-	195+51.82 'B'		1				
		195+51.82 'B'		195+81.04 'B'					81	
		195+51.82 'B'		195+69.58 'B'					23	
		197+99.00 'B'	-	197+99.00 'B'	1					
		197+99.00 'B'		197+99.67 'B'					6	
		197+99.67 'B'	-	197+99.67 'B'		1				
		197+99.69 'B'	-	197+99.69 'B'		1				
		198+00.09 'B'	-	198+00.09 'B'		1				
		198+63.71 'B'	-	198+65.16 'B'				14		
		198+65.16 'B'	-	198+65.16 'B'		1				
	STAGE 1 Total				**1**	**7**		**14**	**163**	**172**
	STAGE 2	195+87.35 'C'	-	195+87.35 'C'		1				
		197+99.69 'C'	-	197+99.92 'C'				61		
		197+99.94 'C'	-	197+99.94 'C'		1				
		198+81.24 'C'	-	198+81.24 'C'		1				
		198+81.24 'C'		198+82.29 'C'			7			
		197+99.00 'C'	-	197+99.69 'C'				5		
		197+99.00 'C'		198+68.88 'C'					70	
		195+69.58 'C'	-	195+87.33 'C'					23	
	STAGE 2 Total					**3**	**7**	**66**	**93**	
PROJECT TOTAL					**1**	**10**	**7**	**80**	**256**	**172**

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From/To Station	Location	Excavation Common (1) Cut (2)	(item # 205.0100) EBS Excavation (3)	Salvaged/ Unusable Pavement Material (4)	Available Material (5)	Excavation Marsh (6) (item #205.0400)	Excavation Rock (7) (item #205.0200)	Reduced Marsh in Fill (8) Factor 0.60	Reduced EBS in Fill (9) Factor 0.80	Expanded Marsh Backfill (10) Factor 1.50	Expanded EBS Backfill (11) Factor 1.30	Expanded Rock (12) Factor 1.10	Unexpanded Fill	Expanded Fill (13) Factor 1.11	Mass Ordinate +/- (14)	Waste	Select Borrow (item #208.1100)
143+24 'EB - 166+10 'EB'	MAINLINE	12854	0	6200	6654	0	0	0	0	0	0	0	4094	4544	2110		
14+37'H' - 19+00'H'	OFF RAMP	3136	1681	434	2702	0	0	0	1345	0	2185	0	1160	-205	2907		2185
46+50'F' - 66+00'F'	ON RAMP	6321	0	509	5811	15550	0	9330	0	23326	0	0	9233	-108	5919		25082
180+87'B' - 199+62'B'	STH 19	6434	0	1434	5000	0	0	0	0	0	0	0	1206	1339	3662		
193+75'B' - 194+15'B'	STH 19	225	0	0	225	0	0	0	0	0	0	0	0	0	225		
49+10'F' - 49+25'F'	RAMP F	225	0	0	225	0	0	0	0	0	0	0	0	0	225		
	OBLIT	3796	0	383	3414	0	0	0	0	0	0	0	2	2	3412		
Category Subtotal		32991	1681	8959	24031	15550	0	9330	1345	23326	2185	0	15695	5572	18459	18459	27268
Grand Total		32991 CY	1681 CY	8959 CY	24031 CY	15550 CY	0	9330 CY	1345 CY	23326 CY	2185 CY	0	15695 CY	5572 CY	18459 CY	18459 CY	27268 CY
		Total Common Exc	34672 CY														

1) Common Excavation is the sum of the Cut and EBS Excavation columns. Item number 205.0100
2) Salvaged/Unsuable Pavement Material is included in Cut.
3) EBS Excavation to be backfilled with Select Borrow material.
4) Salvaged/Unusable Pavement Material
5) Available Material = Cut - Salvaged/Unusuable Pavement Material
6) Marsh Excavation - to be backfilled with Select Borrow Material.
7) Rock Excavation item number 205.0200
8) Reduced Marsh in Fill - Excavated Marsh material is usuable in Fills outside the 2:1 slope. Marsh in Fill Reduction factor = 0.6
9) Reduced EBS in Fill - Excavated EBS material is usuable in Fills outside the 2:1 slope. EBS in Fill Reduction factor = 0.8
10) Expanded Marsh Backfill - This is to be filled with Select Borrow material. Marsh Backfill Factor = 1.5. Item number 208.1100
11) Expanded EBS Backfill - This is to be filled with Select Borrow material. EBS Backfill Factor = 1.3. Item number 208.1100
12) Expanded Rock - Factor = 1.1.
13) Expanded Fill. Factor = 1.11

Depending on selections:

Expanded Fill = (Unexpanded Fill - Rock* Rock Factor - Reduced Marsh - Reduced EBS) * Fill Factor

Or Expanded Fill = (Unexpanded Fill - Rock* Rock Factor - Reduced EBS) * Fill Factor

Or Expanded Fill = (Unexpanded Fill - Rock* Rock Factor - Reduced Marsh) * Fill Factor

Or Expanded Fill = (Unexpanded Fill - Rock* Rock Factor) * Fill Factor

14) The Mass Ordinate + or - Qty calculated for the Division. Plus quantity indicates an excess of material within the Division. Minus indicates a shortage of material within the Division. Excess material shall be used in marsh excavation area.

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CATEGORY	STAGE	STATION		STATION	LOCATION	305.0110 BASE AGGREGATE DENSE 3/4-INCH TON	305.0120 BASE AGGREGATE DENSE 1 1/4-INCH TON	312.0110 SELECT CRUSHED MATERIAL TON
0010	STAGE 3	128+92 'WB'	-	139+44 'WB'	IH 39 SHOULDER WIDENING	63	--	--
	STAGE 2	131+16 'EB'	-	139+81 EB	IH 39 CROSSOVER	--	1,080	900
	STAGE 2	143+24.00 'EB'	-	148+43.60 'EB'	IH 39 EB MAINLINE	40	560	--
	STAGE 2	150+19.83 'EB'	-	160+56.37 'EB'	IH 39 EB MAINLINE	110	1,700	--
	STAGE 2	162+01.64 'EB	-	166+10.00 'EB'	IH 39 EB MAINLINE	50	670	--
	STAGE 3	145+00.00 'WB	-	148+91.22 'WB	IH 39 WB MAINLINE	50	640	--
	STAGE 3	150+70.73 'WB'	-	159+82.00 'WB'	IH 39 WB MAINLINE	100	1,490	--
	STAGE 3	161+77.26 'WB'	-	165+00.00 'WB'	IH 39 WB MAINLINE	40	530	--
	STAGE 2	167+96 'EB'	-	179+85 'EB'	IH 39 SHOULDER WIDENING	73	910	--
	STAGE 3	169+52 'WB'	-	178+80 'WB'	IH 39 CROSSOVER	--	1,160	970
	STAGE 2	189+13.15 'C'	-	193+99.30 'C'	STH 19 EB WIDENING	50	670	590
	STAGE 1	180+98.30 'B'	-	194+34.30 'B'	STH 19 WB WIDENING	80	1,560	1,370
	STAGE 2	193+99.30 'C'	-	195+50.00 'C'	STH 19 EB	30	450	270
	STAGE 1	193+75 'B'	-	194+15 'B'	STH 19 DITCH	--	--	13
	STAGE 1	194+34.30 'B'	-	195+00.00 'B'	STH 19 WB	5	170	540
	STAGE 2	195+50.00 'C'	-	199+62.00 'C'	STH 19 EB	--	170	60
	STAGE 1	195+00.00 'B'	-	199+25.00 'B'	STH 19 WB	--	160	180
	STAGE 1	14+37 'H'	-	19+43 'H'	IH 39 EB OFF RAMP	40	790	1,180
	STAGE 1	49+10 'F'	-	49+25 'F'	RAMP F DITCH	--	--	13
	STAGE 2	46+35 'F'	-	66+00 'F'	IH 39 EB ON RAMP	220	2,540	3,460
PROJECT TOTAL					**TOTAL**	**950**	**15,250**	**9,546**

CATEGORY	STAGE	STATION	TO	STATION	LOCATION	415.0080 CONCRETE PAVEMENT 8-INCH SY	415.0100 CONCRETE PAVEMENT 10-INCH SY	415.0125 CONCRETE PAVEMENT 12 1/2-INCH SY	415.0410 CONCRETE PAVEMENT APPROACH SLAB SY	416.0610 DRILLED TIE BARS EACH	416.0620 DRILLED DOWEL BARS EACH	416.1110 CONCRETE SHOULDER RUMBLE STRIPS LF
0010	STAGE 2	143+24.00 'EB'	-	148+43.60 'EB'	IH 39 EB MAINLINE	400	--	2030	110	343	59	1600
	STAGE 2	150+19.83 'EB'	-	160+56.37 'EB'	IH 39 EB MAINLINE	780	--	4000	236	415	--	1860
	STAGE 2	162+01.64 'EB'	-	166+10.00 'EB'	IH 39 EB MAINLINE	300	--	1520	126	162	--	755
	STAGE 3	145+00.00 'WB	-	148+91.22 'WB	IH 39 WB MAINLINE	290	--	1500	110	343	--	700
	STAGE 3	150+70.73 'WB'	-	159+82.00 'WB'	IH 39 WB MAINLINE	670	--	3480	229	365	--	1645
	STAGE 3	161+77.26 'WB'	-	165+00.00 'WB'	IH 39 WB MAINLINE	270	--	1370	127	59	59	600
	STAGE 2	193+99 'C'	-	199+62 'C'	STH 19 EB MAINLINE	--	1820	--	--	--	36	--
	STAGE 2	193+99 'C'	-	196+06 'C'	STH 19 EB RT TURN LANE	--	260	--	--	--	--	--
	STAGE 2	196+16 'C'	-	199+00 'C'	STH 19 EB BUFFER WIDENING	--	150	--	--	--	--	--
	STAGE 1	194+34 'B'	-	199+25 'B'	STH 19 WB MAINLINE	--	1580	--	--	--	51	--
	STAGE 1	195+51 'B'	-	199+00 'B'	STH 19 WB LT TURN LANE	--	620	--	--	--	--	--
	STAGE 1	14+37 'H'	-	19+43 'H'	RAMP 'H'	--	1310	--	--	--	--	--
	STAGE 2	46+35 'F'	-	66+00 'F'	RAMP 'F'	--	3190	--	--	--	--	--
	STAGE 1	18+53.00 'H'	-	193+80.00 'B'	OVERTRACKING PAD	--	130	--	--	--	--	--
	STAGE 2	194+95.00 'C'	-	46+75.00 'F'	OVERTRACKING PAD	--	90	--	--	--	--	--
PROJECT TOTAL						**2,710**	**9,150**	**13,900**	**937**	**1,686**	**205**	**7,160**

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CATEGORY	STATION	TO	STATION	LOCATION	455.0605 TACK COAT GAL	460.6223 HMA PAVEMENT 3 MT 58-28 S TON	460.6224 HMA PAVEMENT 4 MT 58-28 S TON	465.0105 ASPHALTIC SURFACE TON	465.0110 ASPHALTIC SURFACE PATCHING TON	465.0125 ASPHALTIC SURFACE TEMPORARY TON
0010	131+16 'EB'	-	139+81 EB	IH 39 CROSSOVER	--	431	--	--	--	--
	169+54 'EB'	-	179+86 'EB'	IH 39 SHOULDER WIDENING	--	99	--	--	--	--
	169+52 'WB'	-	178+80 'WB'	IH 39 CROSSOVER	--	462	--	--	--	--
	46+35 'F'	-	66+00 'F'	RAMP 'F'	92	--	--	359	--	--
	14+37 'H'	-	19+43 'H'	RAMP 'H'	14	--	--	56	--	--
	189+13.15	-	193+99 'C'	STH 19 EB WIDENING	49	110	110	--	--	--
	180+98.30	-	194+34 'B'	STH 19 WB WIDENING	93	209	209	--	--	--
	UNDISTRIBUTED			STH 19	--	--	--	--	40	40
PROJECT TOTAL					**248**	**1,310**	**318**	**415**	**40**	**40**

CATEGORY	STATION	OFFSET	416.1010 CONCRETE SURFACE DRAINS CY	521.1012 APRON ENDWALLS FOR CULVERT PIPE STEEL 12-INCH EACH	606.0200 RIPRAP MEDIUM CY	611.3220 INLETS 2X2-FT EACH	611.0654 INLET COVERS TYPE V EACH	612.0212 PIPE UNDERDRAIN UNPERFORATED 12-INCH LF	645.0130 GEOTEXTILE FABRIC TYPE R SY
0010	147+91.91 'EB'	RT	1.8	1	1	1	1	60	3
	148+78.90 'WB'	LT	1.8	1	1	1	1	70	3
	159+17.86 'WB'	LT	1.8	1	1	1	1	90	3
	161+39.30 'WB'	LT	1.8	1	1	1	1	70	3
	162+67.32 'EB'	RT	1.8	1	1	1	1	65	3
	63+69.52 'F'	RT	1.9	1	1	1	1	75	3
	196+60.00 'C'	RT	-	-	5	-	-	-	9
PROJECT TOTAL			**10.9**	**6**	**11**	**6**	**6**	**430**	**28**

CATEGORY	STATION	LOCATION	465.0315 ASPHALTIC FLUMES SY
0010	18+27 'H'	RT	20
	18+43 'H'	LT	20
	46+65 'F'	LT	20
	46+91 'F'	RT	20
PROJECT TOTAL			**80**

CATEGORY	STATION	OFFSET	TO	STATION	OFFSET	603.0105 CONCRETE BARRIER SINGLE-FACED 32-INCH LF
0010	143+24 'EB'	LT	-	148+40 'EB'	LT	516
	148+36 'WB'	RT	-	148+51 'WB'	RT	15
	150+62 'EB'	LT	-	152+90 'EB'	LT	228
	150+72 'WB'	RT	-	154+45 'WB'	RT	373
	154+00 'EB'	LT	-	157+50 'EB'	LT	350
	156+52 'WB'	RT	-	159+83 'WB'	RT	331
	159+75 'EB'	LT	-	160+05 'EB'	LT	30
	161+82 'WB'	RT	-	165+00 'WB'	RT	318
	162+02 'EB'	LT	-	162+89 'EB'	LT	87
	164+90 'EB'	LT	-	166+10 'EB'	LT	120
	178+80 'EB'	LT	-	182+98 'EB'	LT	418
	178+80 'WB'	LT	-	182+98 'WB'	LT	418
	199+09 'C'	RT	-	199+62 'C'	RT	36
PROJECT TOTAL						**3,240**

CATEGORY	STATION	TO	STATION	601.0115 CONCRETE CURB TYPE G LF	601.0553 CONCRETE CURB & GUTTER 4-INCH SLOPED 36-INCH TYPE D LF	602.2400 CONCRETE SAFETY ISLANDS SF	620.0100 CONCRETE CORRUGATED MEDIAN SF	620.0300 CONCRETE MEDIAN SLOPED NOSE SF
0010	194+95 'C'	-	46+75 'F'	-	85	-	-	-
	46+50 'F'	-	199+62 'C'	-	387	-	-	-
	193+99 'C'	-	195+57 'C'	-	158	-	-	20
	19+75 'H'	-	20+03 'H'	-	29	-	-	-
	194+34 'B'	-	195+53 'B'	-	119	-	-	75
	196+18 'B'	-	198+79 'B'	-	269	-	-	-
	196+18 'C'	-	198+79 'C'	-	269	-	-	180
	194+73 'B'	-	18+41 'H'	-	122	-	-	-
	18+58 'H'	-	199+25 'B'	-	438	-	116	-
	202+57 'B'	-	203+93 'B'	-	-	-	-	130
	19+06 'H'	-	19+40 'H'	55	-	260	-	-
PROJECT TOTAL				**55**	**1,876**	**260**	**116**	**405**

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CATEGORY	STAGE	STATION	TO	STATION	603.8000 CONCRETE BARRIER TEMPORARY PRECAST DELIVERED LF	603.8125 CONCRETE BARRIER TEMPORARY PRECAST INSTALLED LF
0010	STAGE 1	131+16 'WB'	-	139+81 'WB'	865	865
		169+52 'WB'	-	178+80 'WB'	928	928
	STAGE 1 Total				**1,793**	**1,793**
	STAGE 2	131+16 'WB'	-	139+81 'WB'		865
		131+16 'WB'		140+48 'WB'		933
		169+52 'WB'	-	178+80 'WB'		928
		140+48 'WB'	-	148+14 'WB'	767	767
		148+15 'WB'	-	169+52 'WB'	2,125	
		148+15 'WB'		178+82 'WB'		3,057
		139+81 'WB'	-	140+48 'WB'	67	
	STAGE 2 Total				**2,959**	**6,549**
	STAGE 3	139+93 'EB'	-	169+74 'EB'	2,972	
		137+18 'EB'	-	179+05 'EB'		4,178
		131+28 'EB'	-	137+18 'EB'		591
		131+28 'EB'		139+93 'EB'		865
		169+75 'EB'	-	179+03 'EB'		928
	STAGE 3 Total				**2,972**	**6,562**
	STAGE 4	131+16 '	-	139+81 '	865	865
		169+52 '	-	178+80 '	928	928
	STAGE 4 Total				**1,793**	**1,793**
PROJECT TOTAL					**9,517**	**16,698**

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CATEGORY	STAGE	STATION	611.8110 ADJUSTING MANHOLE COVERS EACH	611.8115 ADJUSTING INLET COVERS EACH	SPV.0060.04 INLET COVERS FLAT TEMPORARY EACH	SPV.0060.13 RECONSTRUCTING SANITARY MANHOLES EACH
0010	STAGE 1	202+64 'B'			2	
		170+99 'WB'			3	
		138+09 'WB'			3	
		47+40 'F'				1
	STAGE 1 Total				**8**	**1**
	STAGE 2	196+27 'F'	1			
		203+10 'B'	1			
		202+64 'B'		2		
	STAGE 2 Total		**2**	**2**		
	STAGE 4	170+99 'WB'		3		
		138+09 'WB'		3		
	STAGE 4 Total			**6**		
PROJECT TOTAL			**2**	**8**	**8**	**1**

CATEGORY	ITEM	DESCRIPTION	UNIT	STAGE 1	STAGE 2	PROJECT TOTAL
0010	522.1024	APRON ENDWALLS FOR CULVERT PIPE REINFORCED CONCRETE 24-INCH	EACH	1		1
	608.0315	STORM SEWER PIPE REINFORCED CONCRETE CLASS III 15-INCH	LF	22	15	37
	608.0318	STORM SEWER PIPE REINFORCED CONCRETE CLASS III 18-INCH	LF	186		186
	608.0324	STORM SEWER PIPE REINFORCED CONCRETE CLASS III 24-INCH	LF	102		102
	611.0530	MANHOLE COVERS TYPE J	EACH	2		2
	611.0627	INLET COVERS TYPE HM	EACH	2	3	5
	611.2044	MANHOLES 4X4-FT	EACH	2		2
	611.3230	INLETS 2X3-FT	EACH	2	3	5
	612.0106	PIPE UNDERDRAIN 6-INCH	LF	802	743	1,545
	612.0806	APRON ENDWALLS FOR UNDERDRAIN REINFORCED CONCRETE 6-INCH	EACH	1		1
	633.5200	MARKERS CULVERT END	EACH	1		1
	650.4000	CONSTRUCTION STAKING STORM SEWER	EACH	4	3	7
	SPV.0060.03	DRAINAGE STRUCTURE MAINTENANCE	EACH	3	2	5

CATEGORY	STAGE	STATION	614.0905 CRASH CUSHIONS TEMPORARY EACH
0010	STAGE 2	169+79 'EB'	1
		169+80 'EB'	1
		139+68 'EB'	2
	STAGE 2 Total		**4**
	STAGE 3	169+57 'WB'	1
		169+58 'WB'	1
		139+56 'WB'	2
	STAGE 3 Total		**4**
PROJECT TOTAL			**8**

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CATEGORY	STATION	OFFSET	TO	STATION	OFFSET	614.2300 MGS GUARDRAIL 3 LF	614.2500 MGS THRIE BEAM TRANSITION LF	614.2610 MGS GUARDRAIL TERMINAL EAT EACH
0010	145+83.50 'EB'	RT	-	148+01.20 'EB'	RT	130.0	40	1
	150+23.45 'EB	RT	-	158+68.00 'EB'	RT	350.0	40	--
	151+10.65 'WB'	LT	-	154+17.00 'WB'	LT	300.0	40	--
	156+40.00 'WB'	LT	-	159+28.21 'WB'	LT	275.0	40	--
	156+40.00 'EB'	RT	-	160+57.04 'EB'	RT	400.0	40	--
	161+28.96 'WB'	LT	-	165+00.00 'WB'	LT	335.0	40	1
	198+03 'C'	RT	-	199+62 'C'	RT	62.5	40	1
	59+47 'F'	LT	-	61+43 'F'	LT	100.0	40	1
	59+70 'F'	RT	-	61+66 'F'	RT	100.0	40	1
PROJECT TOTAL						**2,052.5**	**360**	**5**

CATEGORY	STATION	OFFSET	TO	STATION	OFFSET	616.0100.01 FENCE WOVEN WIRE 4-FT LF
0010	46+62 'F'	RT	-	58+00 'F'	RT	1,214
PROJECT TOTAL				**TOTAL**		**1,214**

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CATEGORY	LOCATION	623.0200 DUST CONTROL SURFACE TREATMENT SY
0010	PROJECT	15250
PROJECT TOTAL		**15,250**

CATEGORY	STATION	TO	STATION	OFFSET	625.0500 SALVAGED TOPSOIL SY	627.0200 MULCHING SY	628.6510 SOIL STABILIZER TYPE B ACRE	629.0205 FERTILIZER TYPE A CWT	630.0130 SEEDING MIXTURE NO. 30 LB	630.0200 SEEDING TEMPORARY LB
0010	145+00 'WB'	-	165+00 'WB'	LT	4367	--	--	3.2	93	46
	143+24 'EB'	-	166+10 'EB'	MEDIAN	--	--	--	--	--	0
	143+24 'EB'	-	166+10 'EB'	RT	5598	--	--	4.6	130	65
	180+98.30 'B'	-	195+56.99 'B'	LT	2930	681	--	1.8	53	26
	189+13.15 'C'	-	195+62.52 'C'	RT	1197	334	--	0.8	22	11
	'195+56.99 'B'	-	199+25.17 'B'	LT	320	--	--	0.2	6	3
	'195+62.52 'C'	-	199+61.54 'C'	RT	396	63	--	0.2	7	4
	'202+57.00 'B'	-	203+93.00 'B'	MEDIAN	178	178	--	0.1	3	2
	14+37.14 'H'	-	20+06.78 'H'	LT	1447	896	--	0.9	26	13
	14+37.14 'H'	-	20+06.78 'H'	RT	2861	2092	--	1.8	52	26
	45+94.15 'F'	-	66+00.00 'F'	LT	11044	7576	--	7.0	199	99
	45+94.15 'F'	-	66+00.00 'F'	RT	7389	3836	--	4.7	133	67
				UNDISTRIBUTED	5659	2348	1	3.8	108	54
PROJECT TOTAL					**43,386**	**18,003**	**1**	**29.1**	**831**	**416**

CATEGORY	LOCATION	624.0100 WATER MGAL
0010	BASE COURSE	65
	EARTHWORK	133
	DUST CONTROL	40
	UNDISTRIBUTED	24
PROJECT TOTAL		**262**

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CATEGORY	STATION	TO	STATION	OFFSET	628.1104 EROSION BALES EACH	628.1504 SILT FENCE LF	628.1520 SILT FENCE MAINTENANCE LF	628.1905 MOBILIZATIONS EROSION CONTROL EACH	628.1910 MOBILIZATIONS EMERGENCY EROSION CONTROL EACH	628.2006 EROSION MAT CLASS I TYPE A SY	628.2008 EROSION MAT CLASS I TYPE B SY	628.2023 EROSION MAT CLASS II TYPE B SY	628.7010 INLET PROTECTION TYPE B EACH	628.7015 INLET PROTECTION TYPE C EACH	628.7504 TEMPORARY DITCH CHECKS LF	628.7555 CULVERT PIPE CHECKS EACH
10	145+00 'WB'	-	165+00 'WB'	LT	28	2,465	2,465	--	--	5,148	--	--	3	--	--	--
	143+24 'EB'	-	166+10 'EB'	MEDIAN	--	--	--	--	--	--	--	--	8	--	--	--
	143+24 'EB'	-	166+10 'EB'	RT	28	1,650	1,650	--	--	7,240	--	--	2	--	--	--
	180+98.30 'B'	-	195+56.99 'B'	LT	--	120	120	--	--	1,164	1,084	--	--	1	165	--
	189+13.15 'C'	-	195+62.52 'C'	RT	7	300	300	--	--	587	276	--	--	1	30	--
	195+56.99 'B'	-	199+25.17 'B'	LT	--	300	300	--	--	320	--	--	--	3	--	5
	195+62.52 'C'	-	199+61.54 'C'	RT	--	375	375	--	--	333	--	--	--	3	--	--
	14+37.14 'H'	-	20+06.78 'H'	LT	14	140	140	--	--	436	116	--	--	--	45	--
	14+37.14 'H'	-	20+06.78 'H'	RT	--	--	--	--	--	356	413	--	--	--	60	5
	18+70 'H'	-	18+85 'H'	RT	--	--	--	--	--	--	--	--	--	--	--	--
	49+10 'F'	-	49+25 'F'	RT	--	--	--	--	--	--	--	--	--	--	--	--
	45+94.15 'F'	-	66+00.00 'F'	LT	42	1,805	1,805	--	--	2,691	267	511	1	--	240	--
	45+94.15 'F'	-	66+00.00 'F'	RT	21	1,725	1,725	--	--	3,278	276	--	1	--	30	--
	UNDISTRIBUTED				--	1,348	1,348	18	18	4,310	486	102	--	--	57	2
PROJECT TOTAL					**140**	**10,228**	**10,228**	**18**	**18**	**25,862**	**2,917**	**613**	**15**	**8**	**627**	**12**

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CATEGORY	STATION	TO	STATION	OFFSET	SPV.0060.12 TEMPORARY STONE DITCH CHECKS EACH	SPV.0090.06 HEAVY DUTY SILT FENCE LF	628.1920 CLEANING SEDIMENT BASINS CY	SPV.0060.06 TEMPORARY SEDIMENT BASIN EACH	628.5505 POLYETHYLENE SHEETING SY	628.7560 TRACKING PADS EACH	628.7570 ROCK BAGS EACH
10	193+75 'B'	-	194+15 'B'	LT	--	--	200	1	--	--	--
	49+10 'F'	-	49+25 'F'	RT	--	--	200	1	--	--	--
	45+94.15 'F'	-	66+00.00 'F'	LT	1	--	--	--	--	1	--
	45+94.15 'F'	-	66+00.00 'F'	RT	--	480	--	--	--	--	--
	UNDISTRIBUTED				--	--	--	--	350	--	50
PROJECT TOTAL					**1**	**480**	**400**	**2**	**350**	**1**	**50**

CATEGORY	R/W PT	STATION	OFFSET	633.5100 MARKERS ROW EACH
0010	106	57+78.77 'F'	116.31	1
	107	54+00.01 'F'	80.00	1
	108	51+79.65 'F'	45.00	1
	109	49+50.00 'F'	50.00	1
	110	47+93.36 'F'	51.79	1
	111	194+03.92 'C'	106.00	1
	120	49+04.71 'F'	40.44	1
	121	49+04.38 'F'	41.98	1
PROJECT TOTAL				**8**

3

CATEGORY 0010

SIGN NO.	STATION	OFFSET	SIGN FACES	SIGN WORDING & PICTORIALS	CODE	SIGN WIDTH (IN)	SIGN HEIGHT (IN)	637.2210 SIGNS TYPE II REFLECTIVE H SF	637.2215 SIGNS TYPE II REFLECTIVE H FOLDING SF	637.2230 SIGNS TYPE II REFLECTIVE F SF	638.2102 MOVING SIGNS TYPE II EACH	634.0612 POSTS WOOD 4x6-IN x 12-FT EACH	634.0614 POSTS WOOD 4x6-IN x 14-FT EACH	634.0616 POST WOOD 4x6-IN x 16-FT EACH	634.0618 POSTS WOOD 4x6-IN x 18-FT EACH	634.0620 POSTS WOOD 4x6-IN x 20-FT EACH	634.0622 POSTS WOOD 4x6-IN x 22-FT EACH	637.0620 SIGN FLAGS PERMANENT TYPE II EACH	REMARKS
M-1	182+10 'B'	LEFT	WB	WAUNAKEE 6	-	-	-				1		2						
M-2	184+10 'B'	LEFT	WB	SPEED LIMIT 55	-	-	-				1			1					
M-3	186+40 'B'	LEFT	WB	(TWO WAY TRAFFIC SYMBOL)	-	-	-				1				1				
M-4	187+40 'B'	MEDIAN	EB	(KEEP RIGHT SYMBOL)	-	-	-				1		1						
M-5	187+40 'B'	MEDIAN	EB	(YELLOW REFLECTOR)	-	-	-				1								SAME POST AS M-4
M-6	187+40 'B'	MEDIAN	WB	(NO U-TURN SYMBOL)	-	-	-				1								SAME POST AS M-4
M-7	187+95 'C'	MEDIAN	NB	(NO LEFT TURN SYMBOL)	-	-	-				1		1						
M-8	187+05 'B'	LEFT	EB	DO NOT ENTER	-	-	-				1								SAME POST AS M-3
M-9	189+00 'B'	LEFT	WB	WEST STH 19	-	-	-				1			1					
M-10	189+00 'C'	MEDIAN	EB	NORTH IH 39 (AHEAD ARROW), WEST IH 90 (AHEAD ARROW), WEST IH 94	-	-	-				1					2			
M-11	189+00 'C'	RIGHT	EB	SOUTH IH 39 (ADVANCE RIGHT ARROW), EAST IH 90 (ADVANCE RIGHT ARROW),	-	-	-				1					1	1		
1	189+00 'C'	RIGHT	EB	RAMP CLOSED USE ALT ROUTE	R11-54F	48	30		10.00										SAME POSTS AS M-11
M-12	191+00 'B'	LEFT	EB	WRONG WAY	-	-	-				1				1				
M-13	191+00 'B'	LEFT	WB	(DIVIDED HIGHWAY SYMBOL)	-	-	-				1								SAME POST AS M-12
2	191+00 'C'	MEDIAN	EB	(SIGNAL AHEAD SYMBOL)	W3-3	36	36			9.00				1				2	
3	191+00 'C'	RIGHT	EB	(SIGNAL AHEAD SYMBOL)	W3-3	36	36			9.00					1			2	
M-14	193+00 'C'	RIGHT	EB	(AHEAD ARROW) SUN PRAIRIE, MILWAUKEE JANESVILLE (RIGHT ARROW)	-	-	-				1				2				
M-15	193+00 'C'	RIGHT	EB	WRONG WAY	-	-	-				1								SAME POSTS AS M-14
M-16	194+00 'B'	LEFT	WB	(LEFT LANE ENDS SYMBOL)	-	-	-				1								ON SIGNAL POLE
M-17	194+00 'B'	MEDIAN	WB	(LEFT LANE ENDS SYMBOL)	-	-	-				1			1					
M-18	202+60 'B'	LEFT	EB/WB	NORTH IH 39 (ADVANCE LEFT ARROW), WEST IH 90 (ADVANCE LEFT ARROW),	-	-	-				1								
M-19	203+60 'B'	LEFT	EB	(RAILROAD CROSSING) (EXEMPT)	-	-	-				1								
M-20	203+90 'B'	LEFT	EB	LAKE WINDSOR (LEFT ARROW)	-	-	-				1								
4	195+05 'C'	RIGHT	EB	FOLDING STOP SIGN	R1-1F	36	36		7.46										ON SIGNAL POLE
5	195+05 'C'	RIGHT	EB	SOUTH IH 39 (RIGHT ARROW), EAST IH 90 (RIGHT ARROW), EAST IH 94 (RIGHT	J3-3	108	84	63.00									2		
6	195+05 'C'	RIGHT	WB	SOUTH IH 39 (LEFT ARROW), EAST IH 90 (LEFT ARROW), EAST IH 94 (LEFT	J3-3	108	84	63.00											SAME POSTS AS 5
7	195+05 'C'	RIGHT	WB	DO NOT ENTER	R5-1	36	36	9.00											ON SIGNAL POLE
8	195+40 'B'	MEDIAN	WB	LEFT TURN YIELD ON FLASHING YELLOW ARROW	R10-50	30	36	7.50											ON SIGNAL POLE
9	196+35 'B'	LEFT	WB	(NO RIGHT TURN SYMBOL)	R3-1	36	36	9.00						1					
10	196+35 'B'	LEFT	EB	DO NOT ENTER	R5-1	36	36	9.00											ON SIGNAL POLE
11	196+35 'B'	LEFT	WB	FOLDING STOP SIGN	R1-1F	36	36		7.46										ON SIGNAL POLE
12	196+35 'B'	MEDIAN	WB	FOLDING STOP SIGN	R1-1F	36	36		7.46										ON SIGNAL POLE
13	195+50 'C'	MEDIAN	EB	(NO LEFT TURN SYMBOL)	R3-2	36	36	9.00							1				
14	195+50 'C'	MEDIAN	EB	FOLDING STOP SIGN	R1-1F	36	36		7.46										SAME POST AS 13
15	196+35 'B'	MEDIAN	EB	(KEEP RIGHT SYMBOL)	R4-7	36	48	12.00											ON SIGNAL POLE
16	196+30 'C'	RIGHT	EB	JCT CTH CV	J1-1	36	57	14.25											ON SIGNAL POLE
17	198+30 'C'	MEDIAN	EB	NORTH IH 39 (ADVANCE LEFT ARROW), WEST IH 90 (ADVANCE LEFT ARROW),	J2-3	108	84	63.00								2			
18	198+30 'C'	MEDIAN	EB	RAMP CLOSED USE ALT ROUTE	R11-54F	48	30		10.00										ON SAME POSTS AS 17
19	198+30 'C'	RIGHT	EB	(LEFT ARROW) WIS DELLS	D1-1	72	15	7.50					1	1					
20	198+80 'B'	LEFT	EB	WRONG WAY	R5-1A	42	30	8.75						1					
21	NB ON RAMP	RIGHT	NB	RAMP CLOSED USE ALT ROUTE	R11-54F	48	30		10.00										ON RAMP GATE
22	202+65 'B'	MEDIAN	WB	RAMP CLOSED USE ALT ROUTE	R11-54F	48	30		10.00										ON EXISTING SIGN POSTS
23	203+15 'C'	LEFT	WB	RAMP CLOSED USE ALT ROUTE	R11-54F	48	30		10.00					1					
24	11+25 'H'	RIGHT	SB	(SIGNAL AHEAD SYMBOL)	W3-3	36	36			9.00					1				
25	13+25 'H'	RIGHT	SB	EAST STH 19 (ADVANCE LEFT ARROW) WEST STH 19 (ADVANCE RIGHT ARROW)	J2-2	48	57	19.00							1				
26	15+25 'H'	RIGHT	SB	(LEFT ARROW) SUN PRAIRIE, WAUNAKEE (RIGHT ARROW)	D1-2	78	30	16.25						2					
27	17+25 'H'	LEFT	NB	WRONG WAY	R5-1A	36	24	6.00											ON BACK OF "GAS"
28	17+60 'H'	RIGHT	SB	EAST STH 19 (LEFT ARROW), WEST STH 19 (RIGHT ARROW)	J3-2	48	57	19.00						1					
29	18+95 'H'	RIGHT	SB	YIELD	R1-2	36	31	3.88						1					
30	19+35 'H'	MEDIAN	SB	YIELD	R1-2	36	31	3.88					1						
31	19+10 'H'	MEDIAN	SB	(DOUBLE DIAGONAL ARROW)	W12-1D	24	24			4.00		1							
32	19+30 'H'	ISLAND	SB	DIVIDED HIGHWAY	R6-3	30	24	5.00											ON SIGNAL POLE
33	19+30 'H'	ISLAND	SB	FOLDING STOP SIGN	R1-1F	36	36		7.46										ON SIGNAL POLE
34	19+30 'H'	LEFT	NB	DO NOT ENTER	R5-1	36	36	9.00											SAME POST AS 33
35	46+55 'F'	LEFT	SB	ONE WAY (LEFT ARROW)	R6-2-L	36	48	12.00											ON SIGNAL POLE
36	46+70 'F'	LEFT	SB	RAMP CLOSED USE ALT ROUTE	R11-54F	48	30		10.00										ON RAMP GATE
37	48+00 'F'	RIGHT	SB	PEDESTRIANS BICYCLES NON MOTORIZED TRAFFIC MOTOR BICYCLES	R5-57	36	36	9.00						1					
UNDISTRIBUTED		MEDIAN		(MILE MARKER)							8								
PROJECT TOTAL								378.00	97.30	31.00	28	1	6	13	8	5	3	4	

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PROJECT NO: 1010-02-78	HWY: IH 39	COUNTY: DANE	MISCELLANEOUS QUANTITIES	SHEET:	E

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CATEGORY	SIGN NO.	STATION	OFFSET	SIGN WORDING & PICTORIALS	638.2602 REMOVING SIGNS TYPE II EACH	638.3000 REMOVING SMALL SIGN SUPPORTS EACH	REMARKS
0010	M-1	182+10 'B'	LEFT	WAUNAKEE 6	-	2	SIGN MOVED
	M-2	184+10 'B'	LEFT	SPEED LIMIT 55	-	1	SIGN MOVED
	M-3	186+40 'B'	LEFT	(TWO WAY TRAFFIC SYMBOL)	-	1	SIGN MOVED
	M-4	187+40 'B'	MEDIAN	(KEEP RIGHT SYMBOL)	-	1	SIGN MOVED
	M-5	187+40 'B'	MEDIAN	(YELLOW REFLECTOR)	-	-	SIGN MOVED, SAME POST AS M-4
	M-6	187+40 'B'	MEDIAN	(NO U-TURN SYMBOL)	-	-	SIGN MOVED, SAME POST AS M-4
	M-7	187+85 'C'	MEDIAN	(NO LEFT TURN SYMBOL)	-	1	SIGN MOVED
	M-8	188+25 'C'	LEFT	DO NOT ENTER	-	1	SIGN MOVED
	M-9	188+25 'C'	LEFT	WEST 19	-	-	SIGN MOVED, SAME POST AS M-8
	M-10	189+20 'C'	MEDIAN	NORTH IH 39 (AHEAD ARROW), WEST IH 90 (AHEAD ARROW), WEST IH 94 (AHEAD ARROW)	-	2	SIGN MOVED
	M-11	189+20'C'	RIGHT	SOUTH IH 39 (ADVANCE RIGHT ARROW), EAST IH 90 (ADVANCE RIGHT ARROW), EAST IH 94 (ADVANCE RIGHT ARROW)	-	2	SIGN MOVED
	M-12	190+90 'C'	LEFT	WRONG WAY	-	1	SIGN MOVED
	M-13	190+90 'C'	LEFT	(DIVIDED HIGHWAY SYMBOL)	-	-	SIGN MOVED, SAME POST AS M-12
	M-14	192+00 'C'	RIGHT	(AHEAD ARROW) SUN PRAIRIE, MILWAUKEE & JANESVILLE (RIGHT ARROW)	-	2	SIGN MOVED
	M-15	193+55 'C'	LEFT	(LEFT LANE ENDS SYMBOL)	-	1	SIGN MOVED
	M-16	193+55 'C'	MEDIAN	(LEFT LANE ENDS SYMBOL)	-	1	SIGN MOVED
	R-1	194+70 'C'	RIGHT	JCT CTH CV	1	1	
	M-9	194+70 'C'	RIGHT	WRONG WAY	-	-	SIGN MOVED, SAME POST AS R-1
	R-2	195+35 'C'	MEDIAN	(NO LEFT TURN SYMBOL)	1	1	
	R-3	196+15 'C'	LEFT	DO NOT ENTER	1	1	
	R-4	196+15 'C'	LEFT	(NO RIGHT TURN SYMBOL)	1	-	SAME POST AS R-38
	R-5	196+15 'C'	RIGHT	ONE WAY (LEFT ARROW)	1	1	
	R-6	196+40 'C'	MEDIAN	(KEEP RIGHT SYMBOL)	1	1	
	R-7	196+40 'C'	MEDIAN	(NO LEFT TURN SYMBOL)	1	-	SAME POST AS R-6
	R-8	196+95 'C'	MEDIAN	(NO U-TURN SYMBOL)	1	1	
	R-9	197+15 'C'	LEFT	LEFT LANE ENDS	1	1	
	R-10	197+15 'C'	MEDIAN	LEFT LANE ENDS	1	1	
	R-11	197+75 'C'	RIGHT	SOUTH IH 39 (RIGHT ARROW), EAST IH 90 (RIGHT ARROW), EAST IH 94 (RIGHT ARROW)	1	2	
	R-12	197+75 'C'	RIGHT	DO NOT ENTER	1	-	SAME POST AS R-11
	R-13	197+90 'C'	MEDIAN	NORTH IH 39 (ADVANCE LEFT ARROW), WEST IH 90 (ADVANCE LEF ARROW), WEST IH 94 (ADVANCE LEF ARROW)	1	2	
	R-14	197+90 'C'	MEDIAN	SOUTH IH 39 (LEFT ARROW), EAST IH 90 (LEFT ARROW), EAST IH 94 (LEFT ARROW)	1	-	SAME POSTS AS R-24
	R-15	198+85 'C'	LEFT	WRONG WAY	1	1	
	R-16	198+90 'C'	RIGHT	(SIGNAL AHEAD SYMBOL)	1	1	
	R-17	199+65 'C'	MEDIAN	(SIGNAL AHEAD SYMBOL)	1	1	
	R-18	199+90 'C'	RIGHT	(LEFT ARROW) WIS DELLS	1	2	
	R-19	11+40 'H'	RIGHT	(STOP AHEAD SYMBOL)	1	1	
	R-20	13+25 'H'	RIGHT	EAST STH 19 (ADVANCE LEFT ARROW), WEST STH 19 (ADVANCE RIGHT ARROW)	1	1	
	R-21	15+15 'H'	RIGHT	(LEFT ARROW) SUN PRAIRIE, WAUNAKEE (RIGHT ARROW)	1	2	
	R-22	15+15 'H'	RIGHT	WRONG WAY	1	-	SAME POSTS AS R-21
	R-23	15+15 'H'	LEFT	WRONG WAY	1	-	SAME POSTS AS "FOOD" INFO SIGN
	R-24	17+00 'H'	LEFT	WRONG WAY	1	-	SAME POSTS AS "GAS" INFO SIGN
	R-25	18+00 'H'	ISLAND	EAST STH 19 (LEFT ARROW), WEST STH 19 (RIGHT ARROW)	1	1	
	R-26	18+95 'H'	RIGHT	STOP	1	1	
	R-27	19+20 'H'	ISLAND	STOP	1	1	
	R-28	19+20 'H'	ISLAND	DIVIDED HIGHWAY	1	-	SAME POST AS R-27
	R-29	19+20 'H'	ISLAND	ONE WAY (LEFT ARROW)	1	-	SAME POST AS R-27
	R-30	19+10 'H'	LEFT	STOP	1	1	
	R-31	19+10 'H'	LEFT	DIVIDED HIGHWAY	1	-	SAME POST AS R-30
	R-32	19+10 'H'	LEFT	DO NOT ENTER	1	1	
	R-33	48+50 'F'	LEFT	PEDESTRIANS BICYCLES NON-MOTORIZED TRAFFIC MOTOR BICYCLES PROHIBITED	1	2	RIGHT SIDE OF EXISTING RAMP
PROJECT TOTAL					**33**	**44**	

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CATEGORY	STAGE	Location	643.0300 TRAFFIC CONTROL DRUMS DAY	643.0420 TRAFFIC CONTROL BARRICADES TYPE III DAY	643.0500 TRAFFIC CONTROL FLEXIBLE TUBULAR MARKER POSTS EACH	643.0600 TRAFFIC CONTROL FLEXIBLE TUBULAR MARKER BASES EACH	643.0705 TRAFFIC CONTROL WARNING LIGHTS TYPE A DAY	643.0715 TRAFFIC CONTROL WARNING LIGHTS TYPE C DAY	643.0800 TRAFFIC CONTROL ARROW BOARDS DAY	643.0900 TRAFFIC CONTROL SIGNS DAY	643.0910 TRAFFIC CONTROL COVERING SIGNS TYPE I EACH	643.0920 TRAFFIC CONTROL COVERING SIGNS TYPE II EACH	643.1000 TRAFFIC CONTROL SIGNS FIXED MESSAGE SF	643.3000 TRAFFIC CONTROL DETOUR SIGNS DAY	SPV.0045.01 TRAFFIC CONTROL SIGNS PCMS WITH CELLULAR COMMUNICATION DAY
0010	STAGE 1	Ramp H													60
		STH 19	1,938	410	41	41	328	1,435		2,993		1		12,792	82
		IH 39													90
		IH 39 WB	1,275	75			150		30	195					
		IH 39 EB	1,277	60			120		30	300					
	STAGE 1 Total		**4,490**	**545**	**41**	**41**	**598**	**1,435**	**60**	**3,488**		**1**		**12,792**	**232**
	STAGE 2	Ramp H	284	60						180					
		STH 19	3,066	960	41	41	360	1,531	120	2,820	1			11,280	180
		USH 51		240			240							300	
		IH 39													360
		IH 39 WB	2,614	60	42	27	120	1,555	120	2,340		2			
		IH 39 EB	4,673	360	48	62	360	1,738	120	1,980		2	24		
	STAGE 2 Total		**10,636**	**1,680**	**130**	**130**	**1,080**	**4,824**	**360**	**7,320**	**1**	**4**	**24**	**11,580**	**540**
	STAGE 3	Ramp F								120					
		STH 19	2,871	120			240		240	600					120
		USH 51		240			240							300	
		IH 39													360
		IH 39 WB	5,310	360	20	20	240	1,752		2,160		2	24		
		IH 39 EB	5,482	180			240	936	120	1,920		2			
	STAGE 3 Total		**13,663**	**900**	**20**	**20**	**960**	**2,688**	**360**	**4,800**		**4**	**24**	**300**	**480**
	STAGE 4	STH 19													20
		IH 39													60
		IH 39 WB	850	50			100		20	130					
		IH 39 EB	851	40			80		20	120					
	STAGE 4 Total		**1,701**	**90**			**180**		**40**	**250**					**80**
PROJECT TOTAL			**30,490**	**3,215**	**192**	**192**	**2,818**	**8,947**	**820**	**15,858**	**1**	**9**	**48**	**24,672**	**1,332**

CATEGORY	STAGE	Location	Color	646.0106 PAVEMENT MARKING EPOXY 4-INCH LF	646.0126 PAVEMENT MARKING EPOXY 8-INCH LF	647.0166 PAVEMENT MARKING ARROWS EPOXY TYPE 2 EACH	647.0356 PAVEMENT MARKING WORDS EPOXY EACH	647.0526 PAVEMENT MARKING YIELD LINE SYMBOLS EPOXY 18-INCH EACH	647.0566 PAVEMENT MARKING STOP LINE EPOXY 18-INCH LF	647.0606 PAVEMENT MARKING ISLAND NOSE EPOXY EACH	647.0726 PAVEMENT MARKING DIAGONAL EPOXY 12-INCH LF	647.0856 PAVEMENT MARKING CONCRETE CORRUGATED MEDIAN EPOXY SF	646.0841.S PAVEMENT MARKING GROOVED WET REFLECTIVE CONTRAST TAPE 4-INCH LF
0010	STAGE 2	Ramp F	WHITE	2,166									
			YELLOW	2,196									
		Ramp H	WHITE	453	184			8	23				
			YELLOW	499									
		STH 19	WHITE	2,795	662	5	3		86				
			YELLOW	2,666						2	96	43	
		IH 39 WB	WHITE	6,916									1,693
			YELLOW	4,009									
		IH 39 EB	WHITE	1,899	879								138
	STAGE 3	IH 39 WB	WHITE	2,607									1,644
			YELLOW	2,697									
		IH 39 EB	WHITE	6,461									2,596
			YELLOW	4,035									
PROJECT TOTAL				**39,400**	**1,725**	**5**	**3**	**8**	**109**	**2**	**96**	**43**	**6,072**

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CATEGORY	STAGE	Location	646.0600 REMOVING PAVEMENT MARKINGS LF
0010	STAGE 2	IH 39 WB	24,090
		IH 39 EB	3,259
	STAGE 2 Total		**27,348**
	STAGE 3	IH 39 WB	4,235
		IH 39 EB	19,566
	STAGE 3 Total		**23,801**
PROJECT TOTAL			**51,150**

CATEGORY	STAGE	Location	649.0400 TEMPORARY PAVEMENT MARKING REMOVABLE TAPE 4-INCH LF	649.0402 TEMPORARY PAVEMENT MARKING PAINT 4-INCH LF	649.0801 TEMPORARY PAVEMENT MARKING REMOVABLE TAPE 8-INCH LF	649.1800 TEMPORARY PAVEMENT MARKING ARROWS REMOVABLE TAPE EACH	SPV.0090.05 TEMPORARY PAVEMENT MARKING NON REFLECTIVE BLACK TAPE 6-INCH LF
0010	STAGE 1	STH 19	5,991		443		
	STAGE 1 Total		**5,991**		**443**		
	STAGE 2	STH 19	8,805			2	
		IH 39 WB	9,152				5,184
		IH 39 EB	4,309	5,718	889		1,850
	STAGE 2 Total		**22,265**	**5,718**	**889**	**2**	**7,034**
	STAGE 3	IH 39 WB			400		2,294
		IH 39 EB	14,672		400		5,308
	STAGE 3 Total		**14,672**		**800**		**7,602**
PROJECT TOTAL			**42,928**	**5,718**	**2,131**	**2**	**14,636**

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CATEGORY	STATION	TO	STATION	650.4500 CONSTRUCTION STAKING SUBGRADE LF	650.5000 CONSTRUCTION STAKING BASE LF	650.5500 CONSTRUCTION STAKING CURB GUTTER AND CURB & GUTTER LF	650.6500.01 CONSTRUCTION STAKING STRUCTURE LAYOUT B-13-91 LS	650.6500.02 CONSTRUCTION STAKING STRUCTURE LAYOUT B-13-92 LS	650.6500.03 CONSTRUCTION STAKING STRUCTURE LAYOUT B-13-297 LS	650.6500.04 CONSTRUCTION STAKING STRUCTURE LAYOUT B-13-93 LS	650.6500.05 CONSTRUCTION STAKING STRUCTURE LAYOUT B-13-94 LS	650.6500.06 CONSTRUCTION STAKING STRUCTURE LAYOUT C-13-2078 LS	650.7000 CONSTRUCTION STAKING CONCRETE PAVEMENT LF	650.7500 CONSTRUCTION STAKING CONCRETE BARRIER LF	650.9910 CONSTRUCTION STAKING SUPPLEMENTAL CONTROL PROJECT 1010-02-78 LS	650.9920 CONSTRUCTION STAKING SLOPE STAKES LF
0010	131+16 'EB'	-	178+80'EB'	1783	--	--	--	--	--	--	--	--	1783	2396	--	1783
	131+16 'WB'	-	178+80 'WB'	1625	--	--	--	--	--	--	--	--	1625	2764	--	1625
	189+13 'C'	-	199+62 'C'	563	486	659	--	--	--	--	--	--	563	--	--	1049
	180+98 'B'	-	199+25 'B'	491	1336	1171	--	--	--	--	--	--	491	--	--	1827
	14+37 'H'	-	19+49 'H'	512	--	--	--	--	--	--	--	--	512	7	--	512
	46+37 'F'	-	66+00 'F'	1817	--	--	--	--	--	--	--	--	1817	--	--	1963
	UNDISTRIBUTED			--	--	--	1	1	1	1	1	1	--	--	1	--
PROJECT TOTAL			**TOTAL**	**6,791**	**1,822**	**1,830**	**1**	**1**	**1**	**1**	**1**	**1**	**6,791**	**5,167**	**1**	**8,759**

3

CATEGORY	STATION	TO	STATION	690.0150 SAWING ASPHALT LF	690.0250 SAWING CONCRETE LF
0010	136+00 'EB'		147+01 'EB'	--	1,101
	136+00 'WB'		146+80' WB'	--	1,080
	143+24 'EB'	-	166+10 'EB'	--	2077
	145+00 'WB'	-	165+00 'WB'	--	1737
	169+52 'EB'		182+98 'EB'	--	1,346
	169+52 'WB'		182+98 'WB'	--	1,346
	193+12 'C'	-	193+99 'C'	--	115
	193+02 'B'	-	194+34 'B'	--	157
	194+20 'B'			--	50
	199+00 'C'	-	199+62 'C'	--	111
	199+00 'B'	-	199+25 'B'	--	73
	14+37 'H'			10	14
	66+00 'F'			10	14
PROJECT TOTAL				**20**	**9,221**

CATEGORY	STATION	TO	STATION	SPV.0090.02 FILL EXISTING RUMBLE STRIPS LF	SPV.0090.03 RESTORE EXISTING RUMBLE STRIPS LF
0010	126+60'WB'	-	186+00'WB'	6,390	4,290
	130+50'EB'	-	143+24'EB'	1,274	1,274
PROJECT TOTAL				**7,664**	**5,564**

CATEGORY	STATION	TO	STATION	SPV.0180.01 GEOGRID REINFORCEMENT SY
0010	189+13.15 'C'	-	193+99.30 'C'	1,033
	180+98.30 'B'	-	194+34.30 'B'	2,398
	193+99.30 'C'	-	195+50.00 'C'	473
	194+34.30 'B'	-	195+00.00 'B'	945
	195+50.00 'C'	-	199+62.00 'C'	105
	195+00.00 'B'	-	199+25.00 'B'	315
	14+37 'H'	-	19+43 'H'	2,065
	46+35 'F'	-	66+00 'F'	6,055
PROJECT TOTAL				**13,389**

3

CATEGORY	STAGE	STATION	TO	STATION	SPV.0090.01 TRAFFIC CHANNELIZING CURB SYSTEM LF
0010	STAGE 1	201+65 'B'	-	202+24 'B'	60
		200+48 'B'	-	202+28 'B'	182
		202+24 'B'	-	203+87 'B'	164
		202+28 'B'	-	204+17 'B'	191
	STAGE 1 Total				**597**
	STAGE 2	201+18 'B'	-	202+81 'B'	164
		201+82 'B'	-	202+84 'B'	103
		202+81 'B'	-	203+06 'B'	25
		202+84 'B'	-	203+68 'B'	84
	STAGE 2 Total				**377**
PROJECT TOTAL					**974**

CATEGORY	ITEM NUMBER	DESCRIPTION	UNIT	TOTAL QUANTITY
0010	213.0100	FINISHING ROADWAY 1010-02-78	EACH	1
0010	618.0100	MAINTENANCE AND REPAIR OF HAUL ROADS 1010-02-78	EACH	1
0010	619.1000	MOBILIZATION	EACH	0.55
0020	619.1000	MOBILIZATION	EACH	0.10
0030	619.1000	MOBILIZATION	EACH	0.10
0040	619.1000	MOBILIZATION	EACH	0.04
0050	619.1000	MOBILIZATION	EACH	0.10
0060	619.1000	MOBILIZATION	EACH	0.10
0070	619.1000	MOBILIZATION	EACH	0.01
0010	642.5201	FIELD OFFICE TYPE C	EACH	1
0010	643.0200	TRAFFIC CONTROL SURVEILLANCE AND MAINTENANCE 1010-02-78	DAY	176
0010	643.2000	TRAFFIC CONTROL DETOUR 1010-02-78	EACH	1
0010	SPV.0060.05	SWEEPING	EACH	2
0010	SPV.0105.01	CONCRETE PAVEMENT JOINT LAYOUT	LS	1

3

CATEGORY	BASE NO.	STATION	OFFSET	R/L	654.0101 CONCRETE BASES TYPE 1 (EACH)	654.0102 CONCRETE BASES TYPE 2 (EACH)	654.0105 CONCRETE BASES TYPE 5 (EACH)	654.0113 CONCRETE BASES TYPE 13 (EACH)	654.0217 CONCRETE CONTROL CABINET BASES TYPE 9 SPECIAL (EACH)
0010	SB1	18'H'+83	62'	R	-	-	1	-	-
	SB2	195'B'+41	38'	L	-	1	-	-	-
	SB3	196'B'+35	38'	L	1	-	-	-	-
	SB4	196'B'+35	20'	R	-	1	-	-	-
	SB5	196'C'+40	42'	R	-	-	-	1	-
	SB6	196'C'+08	37'	R	1	-	-	-	-
	SB7	46'F'+74	32'	R	-	1	-	-	-
	SB8	195'C'+12	60'	R	-	1	-	-	-
	SB9	194'C'+00	53'	R	-	-	1	-	-
	SB10	195'B'+40	10'	R	1	-	-	-	-
	SB11	194 'B'+00	41'	L	-	-	-	1	-
	G13-27	202'B'+25	87'	L	-	-	1	-	-
	G13-28	196'C'+00	59'	R	-	-	1	-	-
	CB1	194 'B'+25	60'	L	-	-	-	-	1
PROJECT TOTALS					3	4	4	2	1

CATEGORY	BASE NO.	STATION	OFFSET	R/L	657.0100 PEDESTAL BASES (EACH)	657.0255 TRANSFORMER BASE BREAKAWAY 11 1/2 INCH BOLT CIRCLE (EACH)
0010	SB1	18'H'+83	62'	R	-	1
	SB2	195'B'+41	38'	L	-	1
	SB3	196'B'+35	38'	L	1	-
	SB4	196'B'+35	20'	R	-	1
	SB6	196'C'+08	37'	R	1	-
	SB7	46'F'+74	32'	R	-	1
	SB8	195'C'+12	60'	R	-	1
	SB9	194'C'+00	53'	R	-	1
	SB10	195'B'+40	10'	R	1	-
	G13-27	202'B'+25	87'	L	-	1
	G13-28	196'C'+00	59'	R	-	1
PROJECT TOTALS					3	8

3

CATEGORY	BASE NO.	STATION	OFFSET	R/L	657.0310 POLES TYPE 3 (EACH)	657.0322 POLES TYPE 5 - ALUMINUM (EACH)	657.1360 INSTALL POLES TYPE 13 (EACH)	657.0420 TRAFFIC SIGNAL STANDARDS ALUMINUM 13-FT (EACH)
0010	SB1	18'H'+83	62'	R	-	1	-	-
	SB2	195'B'+41	38'	L	1	-	-	-
	SB3	196'B'+35	38'	L	-	-	-	1
	SB4	196'B'+35	20'	R	1	-	-	-
	SB5	196'C'+40	42'	R	-	-	1	-
	SB6	196'C'+08	37'	R	-	-	-	1
	SB7	46'F'+74	32'	R	1	-	-	-
	SB8	195'C'+12	60'	R	1	-	-	-
	SB9	194'C'+00	53'	R	-	1	-	-
	SB10	195'B'+40	10'	R	-	-	-	1
	SB11	194 'B'+00	41'	L	-	-	1	-
PROJECT TOTALS					**4**	**2**	**2**	**3**

CATEGORY	BASE NO.	STATION	OFFSET	R/L	657.0715 LUMINAIRE ARMS TRUSS TYPE 4 1/2-INCH CLAMP 15-FT (EACH)	657.1535 INSTALL MONOTUBE ARMS 35-FT (EACH)	657.1815 INSTALL LUMINAIRE ARMS STEEL 15-FT (EACH)	659.1120 LUMINAIRES UTILITY LED B (EACH)
0010	SB1	18'H'+83	62'	R	1	-	-	1
	SB2	195'B'+41	38'	L	1	-	-	1
	SB3	196'B'+35	38'	L	-	-	-	-
	SB4	196'B'+35	20'	R	1	-	-	1
	SB5	196'C'+40	42'	R	-	1	1	1
	SB6	196'C'+08	37'	R	-	-	-	-
	SB7	46'F'+74	32'	R	1	-	-	1
	SB8	195'C'+12	60'	R	1	-	-	1
	SB9	194'C'+00	53'	R	1	-	-	1
	SB10	195'B'+40	10'	R	-	-	-	-
	SB11	194 'B'+00	41'	L	-	1	1	1
PROJECT TOTALS					**6**	**2**	**2**	**8**

3

CATEGORY	BASE NO.	HEAD NO.	658.0110 TRAFFIC SIGNAL FACE 3-12 INCH VERTICAL (EACH)	658.0115 TRAFFIC SIGNAL FACE 4-12 INCH VERTICAL (EACH)	658.0215 BACKPLATES SIGNAL FACE 3 SECTION 12-INCH (EACH)	658.0220 BACKPLATES SIGNAL FACE 4 SECTION 12-INCH (EACH)
0010	SB2	10	1	-	1	-
	SB3	4	1	-	1	-
	SB4	7	-	1	-	1
	SB5	2	1	-	1	-
		3	1	-	1	-
	SB6	11	1	-	1	-
	SB7	12	1	-	1	-
	SB8	1	1	-	1	-
		9	-	1	-	1
	SB10	8	-	1	-	1
	SB11	5	1	-	1	-
		6	1	-	1	-
PROJECT TOTALS			**9**	**3**	**9**	**3**

CATEGORY	BASE NO.	HEAD NO.	658.0600 LED MODULES 12-INCH RED BALL (EACH)	658.0605 LED MODULES 12-INCH YELLOW BALL (EACH)	658.0610 LED MODULES 12-INCH GREEN BALL (EACH)	658.0615 LED MODULES 12-INCH RED ARROW (EACH)	658.0620 LED MODULES 12-INCH YELLOW ARROW (EACH)	658.0625 LED MODULES 12-INCH GREEN ARROW (EACH)
0010	SB2	10	1	1	1	-	-	-
	SB3	4	1	1	1	-	-	-
	SB4	7	-	-	-	1	2	1
	SB5	2	1	1	1	-	-	-
		3	1	1	1	-	-	-
	SB6	11	1	1	1	-	-	-
	SB7	12	1	1	1	-	-	-
	SB8	1	1	1	1	-	-	-
		9	-	-	-	1	2	1
	SB10	8	-	-	-	1	2	1
	SB11	5	1	1	1	-	-	-
		6	1	1	1	-	-	-
PROJECT TOTALS			**9**	**9**	**9**	**3**	**6**	**3**

3

CATEGORY	PULL BOX NO.	STATION	OFFSET	R/L	SPV.0060.02 PULL BOX NON-CONDUCTIVE 24 X 42-INCH * (EACH)
0010	PB1	194'B'+40	48'	L	1
	PB2	195'B'+40	48'	L	1
	PB3	195'B'+75	48'	L	1
	PB4	17'H'+93	24'	L	1
	PB5	16'H'+93	24'	L	1
	PB6	196'B'+47	37'	L	1
	PB7	197'B'+24	36'	L	1
	PB8	198'B'+80	35'	L	1
	PB9	200'B'+35	34'	L	1
	PB10	201'B'+75	36'	L	1
	PB11	202'B'+51	56'	L	1
	PB12	202'B'+31	93'	L	1
	PB13	196'B'+47	20'	R	1
	PB14	197'B'+46	20'	R	1
	PB15	198'C'+60	12'	L	1
	PB16	196'C'+47	46'	R	1
	PB17	196'C'+00	50'	R	1
	PB18	195'C'+22	59'	R	1
	PB19	194'C'+82	58'	R	1
	PB20	194'C'+82	8'	L	1
	PB21	194'C'+20	8'	L	1
	PB22	192'C'+75	7'	L	1
	PB23	191'C'+32	7'	L	1
	PB24	194'B'+20	7'	R	1
	PB25	194'B'+20	42'	L	1
PROJECT TOTALS					**25**

*ADDITIONAL QUANTITIES SHOWN WITH FTMS ITEMS

3

CATEGORY	LOOP NO.	STATION**	OFFSET**	R/L	SIZE	NO. OF TURNS	652.0800 CONDUIT LOOP DETECTOR (LF)	655.0700* LOOP DETECTOR LEAD IN CABLE (LF)	655.0800 LOOP DETECTOR WIRE (LF)
0010	21	197'B'+24	12'	L	6'x18'	4	76	311	312
	22	200'B'+35	6'	L	6'x12'	5	88	621	430
	23	200'B'+35.5	18'	L	6'x12'	5	60	621	330
	41	19'H'+38	6.5'	L	6'x20'	4	76	126	328
	42	19'H'+10	6.5'	L	6'x20'	4	84	126	368
	43	17'H'+93	7.5'	L	6'x10'	4	52	297	208
	44	16'H'+93	7.5'	L	6'x10'	5	52	397	260
	51	196'B'+33	7'	R	6'x20'	3	72	290	216
	52	196'B'+61	7'	R	6'x20'	3	86	290	276
	53	198'B'+35	6.5'	R	6'x10'	4	52	505	208
	61	194'C'+20	12.5'	R	6'x18'	4	68	215	272
	62	191'C'+33	18'	R	6'x12'	5	80	502	380
	63	191'C'+32.5	6'	R	6'x12'	5	52	502	280
	99	199'C'+00	12'	L	6'x18'	4	138	505	552
PROJECT TOTALS							**1,040**	**5,310**	**4,420**

*ADDITIONAL QUANTITIES SHOWN WITH FTMS ITEMS

**LOCATION IS TO FRONT CENTER OF DETECTOR LOOP

CATEGORY	FROM	TO	HEAD NO.	655.0230 CABLE TRAFFIC SIGNAL 5-14 AWG STR. TO STR. (LF)	655.0230 BASE TO HEAD (LF)	655.0240 CABLE TRAFFIC SIGNAL 7-14 AWG STR. TO STR. (LF)	655.0240 BASE TO HEAD (LF)	655.0250 CABLE TRAFFIC SIGNAL 9-14 AWG STR. TO STR. (LF)	655.0250 BASE TO HEAD (LF)
0010	CB1	SB2	10	130	20	-	-	-	-
	CB1	SB3	4	235	20	-	-	-	-
	CB1	SB4	7	-	-	300	20	-	-
	CB1	SB5	2	360	65	-	-	-	-
			3	-	50	-	-	-	-
	CB1	SB6	11	350	20	-	-	-	-
	CB1	SB7	12	295	20	-	-	-	-
	CB1	SB8	1	-	20	-	-	265	20
			9	-	20	-	-	-	20
	CB1	SB10	8	-	-	215	20	-	-
	CB1	SB11	5	40	65	-	-	-	-
			6	-	50	-	-	-	-
PROJECT TOTALS				**1,760**		**555**		**305**	

CATEGORY	FROM	TO	CONDUIT RIGID SCHEDULE 40 652.0225* 2-INCH (LF)	CONDUIT RIGID SCHEDULE 40 652.0235 3-INCH (LF)	NOTES
0010	CB1	PB1		60	3-3"
	PB1	SB1	55		
	PB1	PB2		200	2-3"
	PB2	SB2	10		
	PB2	PB3		70	2-3"
	PB3	PB4	135		
	PB4	PB5	100		
	PB3	PB6		140	2-3"
	PB6	SB3	10		
	PB6	PB7	80		
	PB7	PB8	150		
	PB8	PB9	155		
	PB9	PB10	140		
	PB10	PB11		80	
	PB11	PB12	40		
	PB12	G13-27	20		
	PB11	EX. CV PB	190		
	PB6	PB13		120	2-3"
	PB13	SB4	15		
	PB13	PB14	95		
	PB14	PB15	105		
	PB13	PB16		120	2-3"
	PB16	SB5	15		
	PB16	PB17		90	2-3"
	PB17	SB6	15		
	PB17	G13-28	15		
	PB17	PB18		160	2-3"
	PB18	SB7	40		
	PB18	SB8	10		
	PB18	PB19		80	2-3"
	PB19	SB9	85		
	PB19	PB20		130	2-3"
	PB20	SB10	65		
	PB20	PB21		120	2-3"
	PB21	PB22	145		
	PB22	PB23	145		
	PB21	PB24		40	2-3"
	PB24	PB25		100	2-3"
	PB25	SB11	20		
	PB25	CB1		60	3-3"
PROJECT TOTALS			**1,855**	**1,570**	

*ADDITIONAL QUANTITIES SHOWN WITH FTMS ITEMS

3

3

655.0515*

ELECTRICAL WIRE TRAFFIC SIGNALS, 10AWG

CATEGORY	FROM	TO	EQUIPMENT GROUNDING CONDUCTOR 10 AWG GRN XLP (LF)	GROUNDED CONDUCTOR 10 AWG WHT XLP (LF)
0010	CB1	SB1	75	75
	SB1	SB2	165	165
	SB2	SB3	125	125
	SB3	SB4	85	85
	SB4	SB5	90	90
	SB5	SB6	75	75
	SB6	SB7	135	135
	SB7	SB8	50	50
	SB8	SB9	135	135
	SB9	SB10	215	215
	SB10	SB11	215	215
	SB11	CB1	40	40
	PB1	CB1	-	-
	PB1	SB1	-	-
	PB2	SB2	-	-
	PB6	SB3	-	-
	PB13	SB4	-	-
	PB16	SB5	-	-
	PB17	SB6	-	-
	PB18	SB7	-	-
	PB18	SB8	-	-
	PB19	SB9	-	-
	PB20	SB10	-	-
	PB25	SB11	-	-
	PB25	CB1	-	-
TOTAL			**1,405**	**1,405**
PROJECT TOTAL			**2,810**	

*ADDITIONAL QUANTITIES SHOWN WITH FTMS ITEMS

CATEGORY	FROM	TO	655.0305 CABLE TYPE UF 2-12 AWG GROUNDED (LF)	655.0610 ELECTRICAL WIRE LIGHTING 12 AWG (LF)
0010	CB1	SB1	55	-
	SB1	LUMINAIRE	-	145
	SB1	SB2	165	-
	SB2	LUMINAIRE	-	145
	SB2	SB4	190	-
	SB4	LUMINAIRE	-	145
	SB4	SB5	90	-
	SB5	LUMINAIRE	-	145
	CB1	SB11	40	-
	SB11	LUMINAIRE	-	145
	SB11	SB9	300	-
	SB9	LUMINAIRE	-	145
	SB9	SB8	135	-
	SB8	LUMINAIRE	-	145
	SB8	SB7	50	-
	SB7	LUMINAIRE	-	145
PROJECT TOTAL			**1,025**	**1,160**

CATEGORY	ITEM	DESCRIPTION	UNIT	PROJECT TOTAL
0010	204.9060.S	REMOVING COMMUNICATION VAULT	EACH	1
	650.8500	CONSTRUCTION STAKING ELECTRICAL INSTALLATIONS, 1010-02-78	LS	1
	655.0410	COMMUNICATION CABLE INSTALLED IN CONDUIT	LF	325
	658.5069	SIGNAL MOUNTING HARDWARE, STH 19 & I-39/90/94 RAMPS	LS	1
	662.1030.S	RAMP CLOSURE GATES HARDWIRED 30-FT	EACH	1
	662.1040.S	RAMP CLOSURE GATES HARDWIRED 40-FT	EACH	1
	677.0500.S	INSTALL VIDEO DETECTION CAMERA	EACH	1

3

678.0036

INSTALL FIBER OPTIC CABLE OUTDOOR PLANT 36-CT

CATEGORY	INTERSECTION	FROM	TO	(LF)
0010	STH 19 & I 39/90/94 SB RAMPS	CB1	PB1	30
		PB1	PB2	105
		PB2	PB3	40
		PB3	PB6	75
		PB6	PB7	80
		PB7	PB8	160
		PB8	PB9	160
		PB9	PB10	145
		PB10	PB11	85
	STH 19 & CTH CV	PB11	EX PB12	200
		EX PB12	EX PB13	50
		EX PB13	EX PB15	75
		EX PB15	EX CB1	30
		EX CB1	EX PB1	35
		EX PB1	EX PB2	40
		EX PB2	EX PB3	50
		EX PB3	EX PB4	120
		EX PB4	EX PB5	200
	STH 19 & 139/90/94 NB OFF RAMP	EX PB5	EX PB12	155
		EX PB12	EX PB13	55
		EX PB13	EX PB14	115
		EX PB14	EX CB1	30
		EX CB1	EX PB1	25
		EX PB1	EX PB2	125
	STH 19 & PEPSI WAY	EX PB2	EX PB3	195
		EX PB3	EX PBF1	270
		EX PBF1	EX PBF2	270
		EX PBF2	EX PBF3	265
		EX PBF3	EX PBF16	155
PROJECT TOTAL				**3,340**

3

FTMS REMOVALS

CATEGORY	ROADWAY	ITEM ID	653.0905 REMOVING PULL BOXES EACH	674.0300 REMOVE CABLE LF	SPV.0060.07 REMOVING CONTROLLER CABINET BASE EACH	SPV.0060.08 REMOVING ELECTRICAL SERVICE METER BREAKER PEDESTAL EACH	SPV.0060.09 SALVAGE CONTROLLER CABINET EACH
0010	IH 39/90/94						
		EXCB01	--	--	1	--	1
		EXMB01	--	--	--	1	--
		EXMB01 - EXCB01	--	50	--	--	--
		EXCB01 - EXPB01	--	10	--	--	--
		EXPB01	1	--	--	--	--
		EXPB01 - EXPB02	--	190	--	--	--
		EXPB02	1	--	--	--	--
		EXPB02 - EXPB03	--	190	--	--	--
		EXPB03 - EXPB05	--	50	--	--	--
		EXPB04 - EXPB05	--	145	--	--	--
		EXV01 - EXPB04	--	160	--	--	--
		EXPB01 - EXPB13	--	255	--	--	--
		EXPPB13	--	--	--	--	--
		EXPB13 - EXPB16	--	200	--	--	--
		EXPB16	1	--	--	--	--
		EXPB13 - EXPB14	--	170	--	--	--
		EXPB14	1	--	--	--	--
		EXPB14 - EXPB15	--	115	--	--	--
		EXPB15	1	--	--	--	--
		EXPB14 - EXPB17	--	145	--	--	--
		EXPB17	1	--	--	--	--
		EXPB17 - EXPB18	--	120	--	--	--
		EXPB18	1	--	--	--	--
		EXPB18 - EXPB19	--	40	--	--	--
		EXPB19	1	--	--	--	--
		EXPB19 - EXPB09	--	100	--	--	--
		EXPB09 - EXCP01	--	100	--	--	--
		TOTAL	8	2,040	1	1	1

FTMS COMMUNICATIONS AND CABINETS

CATEGORY	ROADWAY	ITEM ID	656.0500.01 ELECTRICAL SERVICE BREAKER DISCONNECT BOX (CCTV-13-0011) LS	672.0100 BASE ITS CONTROLLER CABINET EACH	673.0200.S INSTALL ITS FIELD CABINET EACH	675.0400.S INSTALL ETHERNET SWITCH EACH	677.0300.S INSTALL VIDEO ENCODER EACH	678.0400 FIBER OPTIC TERMINATION EACH	SPV.0060.10 GROUND ROD EACH
0010	IH 39/90/94								
		CB01	1	1	1	1	1	6	1
		TOTALS	1	1	1	1	1	6	1

FTMS LUMP SUM ITEMS

CATEGORY	ROADWAY	670.0100 FIELD SYSTEM INTEGRATOR LS	670.0200 ITS DOCUMENTATION LS	678.0500 COMMUNICATION SYSTEM TESTING LS
0010	IH 39/90/94			
	PROJECT	1	1	1
	TOTALS	1	1	1

3

3

FTMS PULL BOXES, CONDUIT, AND CABLE

CATEGORY	ROADWAY	ITEM ID	652.0125 CONDUIT RIGID METALLIC 2-INCH LF	652.0225* CONDUIT RIGID NONMETALLIC SCHEDULE 40 2-INCH LF	652.0605 CONDUIT SPECIAL 2-INCH LF	652.0700.S INSTALL CONDUIT INTO EXISTING ITEM EACH	655.0515* ELECTRICAL WIRE TRAFFIC SIGNALS 10 AWG LF	655.0530 ELECTRICAL WIRE TRAFFIC SIGNALS 4 AWG LF	655.0700* LOOP DETECTOR LEAD IN CABLE LF	671.0300 FIBER OPTIC CABLE MARKER EACH	678.0006 INSTALL FIBER OPTIC CABLE OUTDOOR PLANT 6-CT LF	678.0300 FIBER OPTIC SPLICE LF	SPV.0060.02 * PULL BOX NON-CONDUCTIVE 24 X 42- INCH EACH
0010	IH 39/90/94												
		EXV01	--	--	--	--	--	--	--	--	100	6	--
		EXV01 - EXPB04	--	--	--	--	165	--	--	1	165	--	--
		EXPB04 - EXPB05	--	--	--	--	135	--	--	1	135	--	--
		EXPB05 - PB06	--	600	--	1	300	--	600	1	300	--	--
		PB06	--	--	--	--	--	--	--	--	--	--	1
		PB06 - PB07	--	550	--	--	275	--	550	1	275	--	--
		PB07	--	--	--	--	--	--	--	--	--	--	1
		PB07 - PB08	--	--	825	--	275	825	550	--	275	--	--
		PB08	--	--	--	--	--	--	--	--	--	--	1
		PB08 - EXPB09	--	--	840	1	280	840	560	2	280	--	--
		EXPB09 - CB01	20	30	--	--	10	--	30	--	10	--	--
		PB11 - EXPB09	--	190	--	1	--	60	190	--	--	--	--
		PB11	--	--	--	--	--	--	--	--	--	--	1
		PB12 - PB11	--	265	--	--	--	--	265	--	--	--	--
		PB12	--	--	--	--	--	--	--	--	--	--	1
		EXPB01 - EXPB02	--	--	--	--	--	--	160	--	--	--	--
		EXPB02 - EXPB03	--	--	--	--	--	--	185	--	--	--	--
		EXPB03 - EXPB05	--	--	--	--	--	--	90	--	--	--	--
		EXCB02 - PB13	--	10	--	--	--	--	--	--	--	--	--
		PB13	--	--	--	--	--	--	--	--	--	--	1
		PB13 - PB14	--	--	105	--	--	315	--	--	--	--	--
		PB14	--	--	--	--	--	--	--	--	--	--	1
		PB14 - PB07	--	190	--	--	--	570	--	--	--	--	--
		TOTALS	20	1835	1770	3	1440	2610	3180	6	1540	6	7

* ADDITIONAL QUANTITIES SHOWN WITH TRAFFIC SIGNAL ITEMS

TRANSPORTATION PROJECT PLAT NO: 1010-02-20 - 4.01

THAT PART OF LOT 6 AND PART OF OUTLOT 1, PLAT OF UNION CONSERVANCY PARK BEING PART OF THE NORTHEAST 1/4 OF THE NORTHEAST 1/4 OF FRACTIONAL SECTION 6, TOWNSHIP 8 NORTH, RANGE 10 EAST, VILLAGE OF DEFOREST, DANE COUNTY, WISCONSIN

RELOCATION ORDER IH 39 MADISON - PORTAGE (STH 19 AND CANADIAN PACIFIC RAILWAY OVERPASS STRUCTURES)

TO PROPERLY ESTABLISH, LAY OUT, WIDEN, ENLARGE, EXTEND, CONSTRUCT, RECONSTRUCT, IMPROVE, OR MAINTAIN A PORTION OF THE HIGHWAY DESIGNATED ABOVE, THE STATE OF WISCONSIN DEPARTMENT OF TRANSPORTATION DEEMS IT NECESSARY TO RELOCATE OR CHANGE SAID HIGHWAY AND ACQUIRE CERTAIN LANDS AND INTERESTS OR RIGHTS IN LANDS FOR THE ABOVE PROJECT.

TO EFFECT THIS CHANGE, PURSUANT TO AUTHORITY GRANTED UNDER SECTION 84.02 (3), 84.09, AND 84.30, WISCONSIN STATUTES, THE DEPARTMENT OF TRANSPORTATION HEREBY ORDERS THAT:
1. THAT PORTION OF SAID HIGHWAY AS SHOWN ON THIS PLAT IS LAID OUT AND ESTABLISHED TO THE LINES AND WIDTHS AS SO SHOWN FOR THE ABOVE PROJECT.
2. THE LANDS OR INTERESTS OR RIGHTS IN LANDS AS SHOWN ON THIS PLAT ARE REQUIRED BY THE DEPARTMENT FOR THE ABOVE PROJECT AND SHALL BE ACQUIRED IN THE NAME OF THE STATE OF WISCONSIN, PURSUANT TO THE PROVISIONS OF SECTION 84.09 (1) OR (2), WISCONSIN STATUTES.

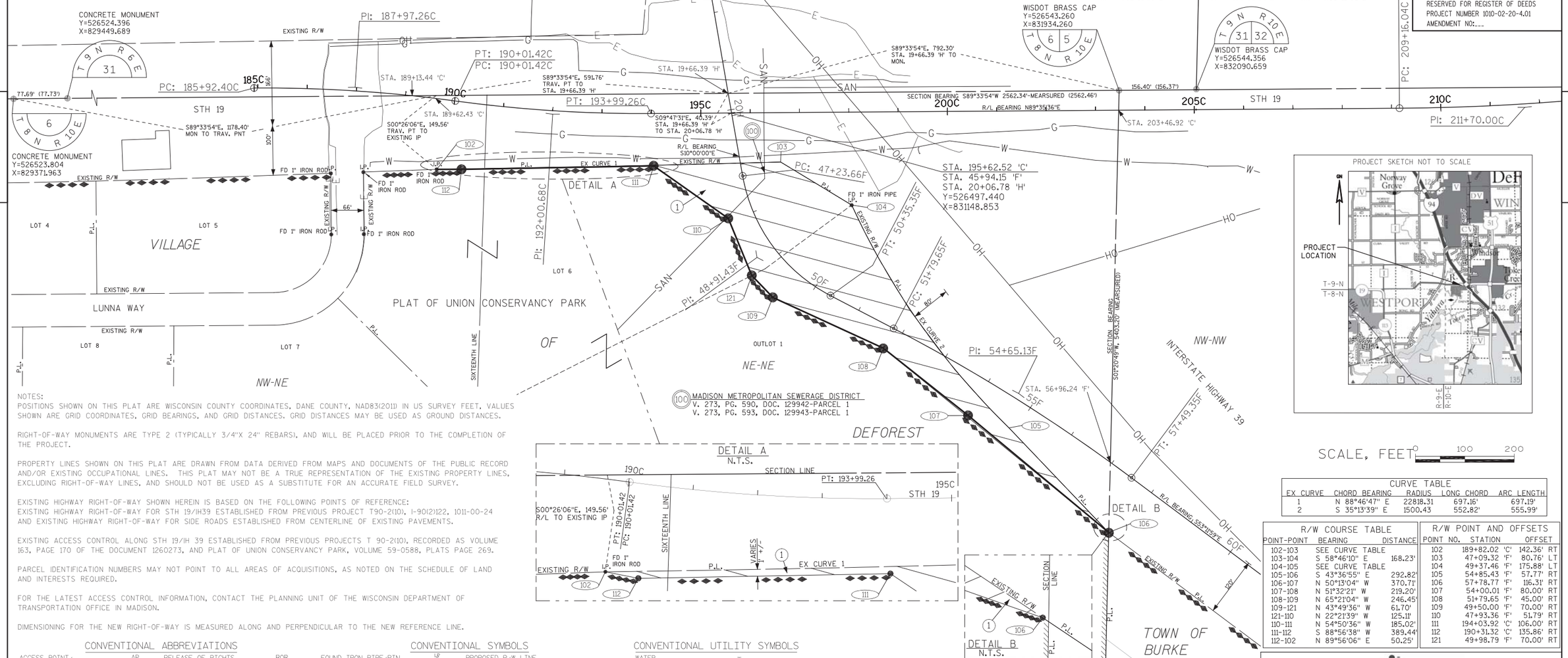
IH 39 EB ON-RAMP CURVE DATA	IH 39 EB ON-RAMP CURVE DATA	IH 39 EB ON-RAMP CURVE DATA	STH 19 EB CURVE DATA	STH 19 EB CURVE DATA	STH 19 EB CURVE DATA
P.I.=48+91.43 'F'	P.I.=54+65.13 'F'	P.I.=67+12.13 'F'	P.I.=187+97.26 'C'	P.I.=192+00.68 'C'	P.I.=211+70.00 'C'
Y = 526204.678	Y = 525929.003	Y = 525181.260	Y = 526494.868	Y = 526508.847	Y = 526508.847
X = 831200.475	X = 831730.622	X = 831730.622	X = 830786.341	X = 832756.291	X = 832756.291
DELTA= 52°31'33"	DELTA= 9°19'34"	DELTA= 8°34'43"	DELTA= 8°10'49"	DELTA= 6°20'33"	DELTA= 6°20'33"
D = 16°51'06"	D = 1°38'13"	D = 2°59'57"	D = 2°03'22"	D = 1°15'00"	D = 1°15'00"
T = 167.67'	T = 285.48'	T = 143.28'	T = 199.26'	T = 253.96'	T = 253.96'
L = 311.69'	L = 569.69'	L = 286.03'	L = 397.84'	L = 507.40'	L = 507.40'
R = 340.00'	R = 3500.00'	R = 1910.37'	R. = 2786.53'	R. = 4583.66'	R. = 4583.66'
PC STA =47+23.66 'F'	PC STA = 51+79.65 'F'	PC STA = 65+68.65 'F'	PC STA = 190+01.42 'C'	PC STA = 209+16.04 'C'	
Y = 526369.893	Y = 526060.708	Y = 525267.090	Y = 526521.820	Y = 526507.045	
X = 831349.319	X = 831477.341	X = 832615.409	X = 830588.912	X = 832502.338	
PT STA =50.35.35 'F'	PT STA = 57+49.35 'F'	PT STA = 68+54.88 'F'	PT STA = 193+99.26 'C'	PT STA = 214+23.44 'C'	
Y = 526127.279	Y = 525757.994	Y = 525079.276	Y = 526496.282	Y = 526538.692	
X = 831349.319	X = 831959.212	X = 832830.784	X = 830985.595	X = 833008.491	
BK =S10°00'00"E	BK = S62°31'33"E	BK = S53°11'59"E	BK = S82°13'35"E	BK = N89°35'36"E	
AH =S62°31'33"E	AH = S53°11'59"E	AH = S44°37'16"E	AH = N89°35'36"E	AH = N83°15'03"E	

KRISTI CHLEBOWSKI
DANE COUNTY
REGISTER OF DEEDS

DOCUMENT #5144460
04/20/2015 11:25 AM
TRANS. FEE:
EXEMPT #:
REC. FEE: 25.00
PAGES: 1

THIS IS A COPY, ORIGINAL DOCUMENT IS FILED AT THE COUNTY REGISTER OF DEEDS

RESERVED FOR REGISTER OF DEEDS
PROJECT NUMBER 1010-02-20-4.01
AMENDMENT NO:___



SCALE, FEET 0 100 200

NOTES:
POSITIONS SHOWN ON THIS PLAT ARE WISCONSIN COUNTY COORDINATES, DANE COUNTY, NAD83(2011) IN US SURVEY FEET. VALUES SHOWN ARE GRID COORDINATES, GRID BEARINGS, AND GRID DISTANCES. GRID DISTANCES MAY BE USED AS GROUND DISTANCES.

RIGHT-OF-WAY MONUMENTS ARE TYPE 2 (TYPICALLY 3/4"X 24" REBARS), AND WILL BE PLACED PRIOR TO THE COMPLETION OF THE PROJECT.

PROPERTY LINES SHOWN ON THIS PLAT ARE DRAWN FROM DATA DERIVED FROM MAPS AND DOCUMENTS OF THE PUBLIC RECORD AND/OR EXISTING OCCUPATIONAL LINES. THIS PLAT MAY NOT BE A TRUE REPRESENTATION OF THE EXISTING PROPERTY LINES, EXCLUDING RIGHT-OF-WAY LINES, AND SHOULD NOT BE USED AS A SUBSTITUTE FOR AN ACCURATE FIELD SURVEY.

EXISTING HIGHWAY RIGHT-OF-WAY SHOWN HEREIN IS BASED ON THE FOLLOWING POINTS OF REFERENCE:
EXISTING HIGHWAY RIGHT-OF-WAY FOR STH 19/IH39 ESTABLISHED FROM PREVIOUS PROJECT T90-2(10), I-90(2)122, 1011-00-24 AND EXISTING HIGHWAY RIGHT-OF-WAY FOR SIDE ROADS ESTABLISHED FROM CENTERLINE OF EXISTING PAVEMENTS.

EXISTING ACCESS CONTROL ALONG STH 19/IH 39 ESTABLISHED FROM PREVIOUS PROJECTS T 90-2(10), RECORDED AS VOLUME 163, PAGE 170 OF THE DOCUMENT 1260273, AND PLAT OF UNION CONSERVANCY PARK, VOLUME 59-0588, PLATS PAGE 269.

PARCEL IDENTIFICATION NUMBERS MAY NOT POINT TO ALL AREAS OF ACQUISITIONS, AS NOTED ON THE SCHEDULE OF LAND AND INTERESTS REQUIRED.

FOR THE LATEST ACCESS CONTROL INFORMATION, CONTACT THE PLANNING UNIT OF THE WISCONSIN DEPARTMENT OF TRANSPORTATION OFFICE IN MADISON.

DIMENSIONING FOR THE NEW RIGHT-OF-WAY IS MEASURED ALONG AND PERPENDICULAR TO THE NEW REFERENCE LINE.

CONVENTIONAL ABBREVIATIONS

ACCESS POINT/ DRIVEWAY CONNECTION	AP	RELEASE OF RIGHTS	ROR
ACCESS RIGHTS	AR	REMAINING	REM.
ACRES	AC.	RIGHT-OF-WAY	R/W
AND OTHERS	ET.AL.	SECTION	SEC.
CENTERLINE	C/L	STATION	STA.
CERTIFIED SURVEY MAP	CSM	TEMPORARY LIMITED EASEMENT	TLE
CORNER	COR.	VOLUME	V.
DOCUMENT	DOC.		
EASEMENT	EASE.		
HIGHWAY EASEMENT	H.E.		
LAND CONTRACT	LC		
MONUMENT	MON.		
PAGE	P.		
PERMANENT LIMITED EASEMENT	PLE		
PROPERTY LINE	PL		
RECORDED AS	(100')		
REFERENCE LINE	R/L		

CURVE DATA

LONG CHORD	LCH		
LONG CHORD BEARING	LCB		
RADIUS	R		
DEGREE OF CURVE	D		
CENTRAL ANGLE OR DELTA	DELTA		
LENGTH OF CURVE	L		
TANGENT	TAN		

CONVENTIONAL SYMBOLS

FOUND IRON PIPE/PIN (2" UNLESS NOTED)
R/W MONUMENT (SET)
R/W STANDARD (SET)
SIGN
SECTION CORNER MONUMENT
SECTION CORNER SYMBOL
FEE (HATCH VARIES)
TEMPORARY LIMITED EASEMENT
PERMANENT LIMITED EASEMENT
R/W BOUNDARY POINT
PARCEL NUMBER
UTILITY PARCEL NUMBER
SIGN NUMBER (OFF PREMISE)
BUILDING

PROPOSED R/W LINE
EXISTING H.E. LINE
PROPERTY LINE
LOT & TIE LINES
SLOPE INTERCEPTS
CORPORATE LIMITS
NO ACCESS (BY PREVIOUS ACQUISITION/CONTROL)
NO ACCESS (BY ACQUISITION)
NO ACCESS (BY STATUTORY AUTHORITY)
SECTION LINE
QUARTER LINE
SIXTEENTH LINE
EXISTING CENTERLINE
PROPOSED REFERENCE LINE
PARALLEL OFFSET

CONVENTIONAL UTILITY SYMBOLS

	NON COMPENSABLE	COMPENSABLE
WATER	W	
GAS	G	
TELEPHONE	T	
OVERHEAD TRANSMISSION LINES	OH	
ELECTRIC	E	
CABLE TELEVISION	TV	
FIBER OPTIC	FO	
SANITARY SEWER	SAN	
STORM SEWER	SS	
POWER POLE		
TELEPHONE POLE		
TELEPHONE PEDESTAL		
ELECTRIC TOWER		

UTILITY SCHEDULE & INTERESTS REQUIRED

UTILITY NUMBER	OWNER (S)	INTEREST REQUIRED
100	MADISON METROPOLITAN SEWERAGE DISTRICT	RELEASE OF RIGHTS

SCHEDULE OF LANDS & INTERESTS REQUIRED

OWNER'S NAMES ARE SHOWN FOR REFERENCE PURPOSES ONLY AND ARE SUBJECT TO CHANGE PRIOR TO THE TRANSFER OF LAND INTERESTS TO THE DEPARTMENT

PARCEL NUMBER	OWNER (S)	INTEREST REQUIRED	FEE R/W ACRES REQUIRED NEW	EXISTING	TOTAL	P.L.E. ACRES	T.L.E. ACRES
1	WISCONSIN LABORERS APPRENTICESHIP & TRAINING FUND	FEE	2.561	0.000	2.561	0.000	0.000

ALL AREAS SHOWN IN ACRES UNLESS OTHERWISE NOTED

CURVE TABLE

EX CURVE	CHORD BEARING	RADIUS	LONG CHORD	ARC LENGTH
1	N 88°46'47" E	22818.31	697.16'	697.19'
2	S 35°13'39" E	1500.43	552.82'	555.99'

R/W COURSE TABLE

POINT-POINT	BEARING	DISTANCE
102-103	SEE CURVE TABLE	
103-104	S 58°46'10" E	168.23'
104-105	SEE CURVE TABLE	
105-106	S 43°36'55" E	292.82'
106-107	N 50°13'04" W	370.71'
107-108	N 51°32'21" W	219.20'
108-109	N 65°21'04" W	246.45'
109-121	N 43°49'36" W	61.70'
121-110	N 22°21'39" W	125.11'
110-111	N 54°50'36" W	185.02'
111-112	S 88°56'38" W	389.44'
112-102	N 89°56'06" E	50.25'

R/W POINT AND OFFSETS

POINT NO.	STATION		OFFSET	
102	189+82.02	'C'	142.36'	RT
103	47+09.32	'F'	80.76'	LT
104	49+37.46	'F'	175.88'	LT
105	54+85.43	'F'	57.77'	RT
106	57+78.77	'F'	116.31'	RT
107	54+00.01	'F'	80.00'	RT
108	51+79.65	'F'	45.00'	RT
109	49+50.00	'F'	70.00'	RT
110	47+93.36	'F'	51.79'	RT
111	194+03.92	'C'	106.00'	RT
112	190+31.32	'C'	135.86'	RT
121	49+98.79	'F'	70.00'	RT

JT ENGINEERING, INC
Consultant Services

I, MICHAEL D. VANDE HEI, PROFESSIONAL LAND SURVEYOR, HEREBY CERTIFY THAT IN FULL COMPLIANCE WITH THE PROVISIONS OF SECTION 84.095 OF THE WISCONSIN STATUTES AND UNDER THE DIRECTION OF THE DEPARTMENT OF TRANSPORTATION, I HAVE SURVEYED AND MAPPED TRANSPORTATION PROJECT PLAT 1010-02-20-4.01 AND THAT SUCH PLAT CORRECTLY REPRESENTS ALL EXTERIOR BOUNDARIES OF THE SURVEYED LAND.

WISCONSIN MICHAEL D. VANDE HEI S-2241 De Pere, WI LAND SURVEYOR

SIGNATURE: Michael D. Vande Hei DATE: 4/10/2015
PRINT NAME: MICHAEL D. VANDE HEI
REGISTRATION NUMBER: S-2241

THIS PLAT AND RELOCATION ORDER ARE APPROVED FOR THE WISCONSIN DEPARTMENT OF TRANSPORTATION SW REGION OFFICE, MADISON

SIGNATURE: Cory Schlagel DATE: 4/10/2015
PRINT NAME: CORY SCHLAGEL

4

R/W MONUMENT POINT NUMBER AND COORDINATE TABLE

R/W COORDINATE TABLE

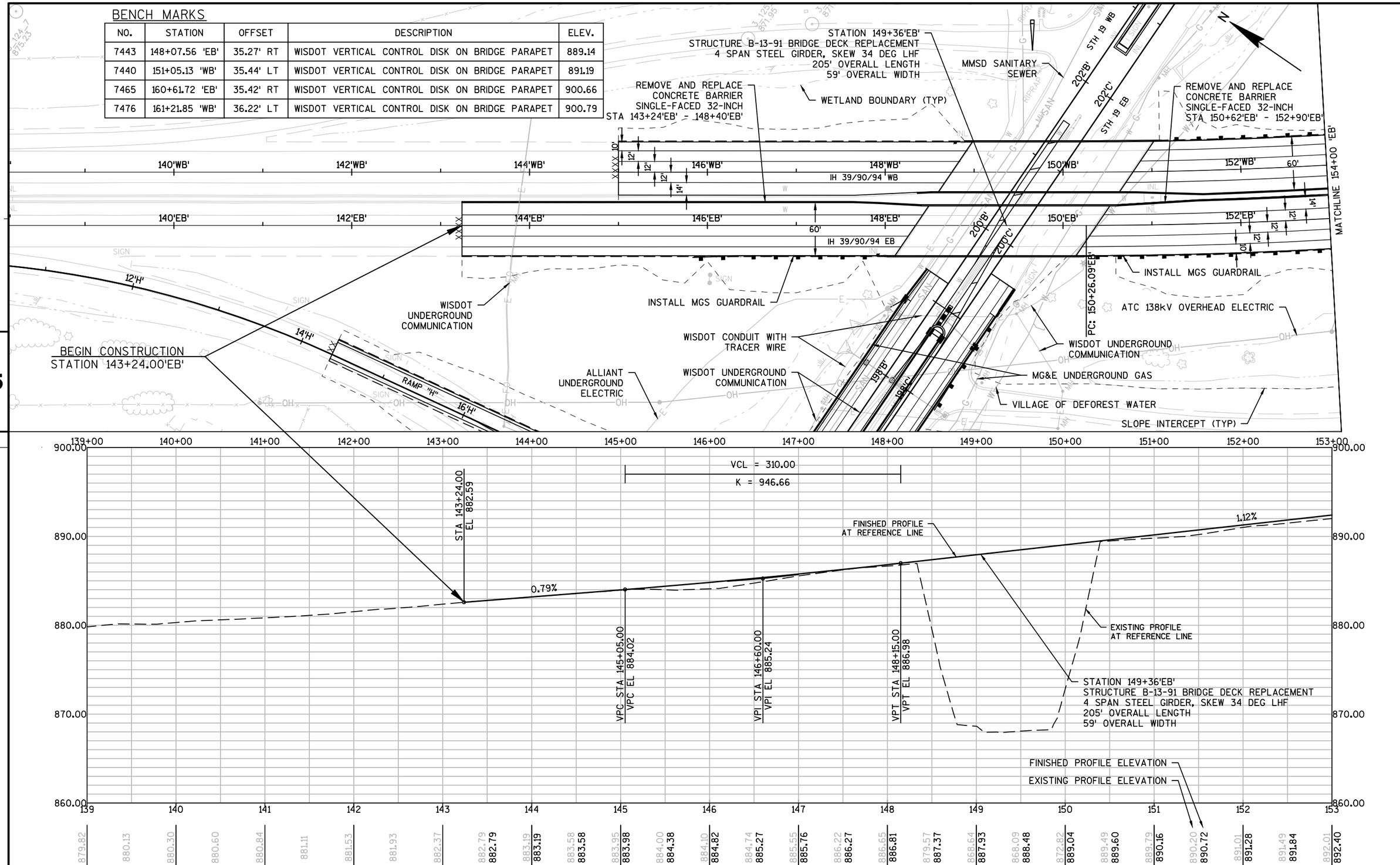
POINT NUMBER	Y	X
102	526383.197	830551.378
103	526398.044	831248.380
104	526310.819	831392.232
105	525859.238	831711.112
106	525647.240	831913.103
107	525884.444	831628.222
108	526020.784	831456.579
109	526123.565	831232.590
110	526283.783	831142.267
111	526390.318	830991.002
112	526383.140	830601.626
121	526168.077	831189.865

4

POSITIONS SHOWN ON THIS PLAT ARE WISCONSIN COUNTY COORDINATES, DANE COUNTY, NAD83(2011) IN US SURVEY FEET, AND VALUES SHOWN ARE GRID COORDINATES, GRID BEARINGS, AND GRID DISTANCES. GRID DISTANCES MAY BE USED AS GROUND DISTANCES.

BENCH MARKS

NO.	STATION	OFFSET	DESCRIPTION	ELEV.
7443	148+07.56 'EB'	35.27' RT	WISDOT VERTICAL CONTROL DISK ON BRIDGE PARAPET	889.14
7440	151+05.13 'WB'	35.44' LT	WISDOT VERTICAL CONTROL DISK ON BRIDGE PARAPET	891.19
7465	160+61.72 'EB'	35.42' RT	WISDOT VERTICAL CONTROL DISK ON BRIDGE PARAPET	900.66
7476	161+21.85 'WB'	36.22' LT	WISDOT VERTICAL CONTROL DISK ON BRIDGE PARAPET	900.79



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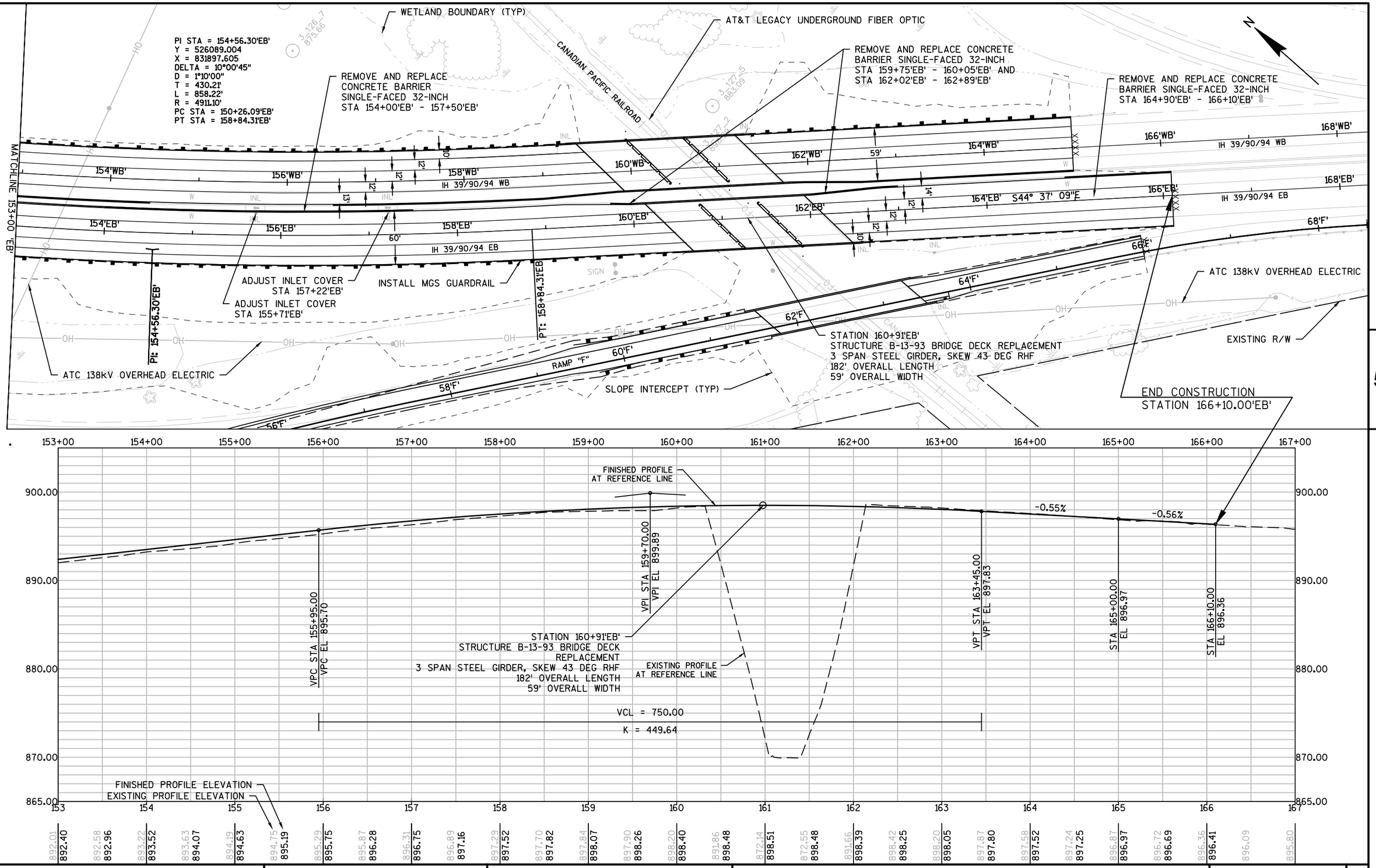

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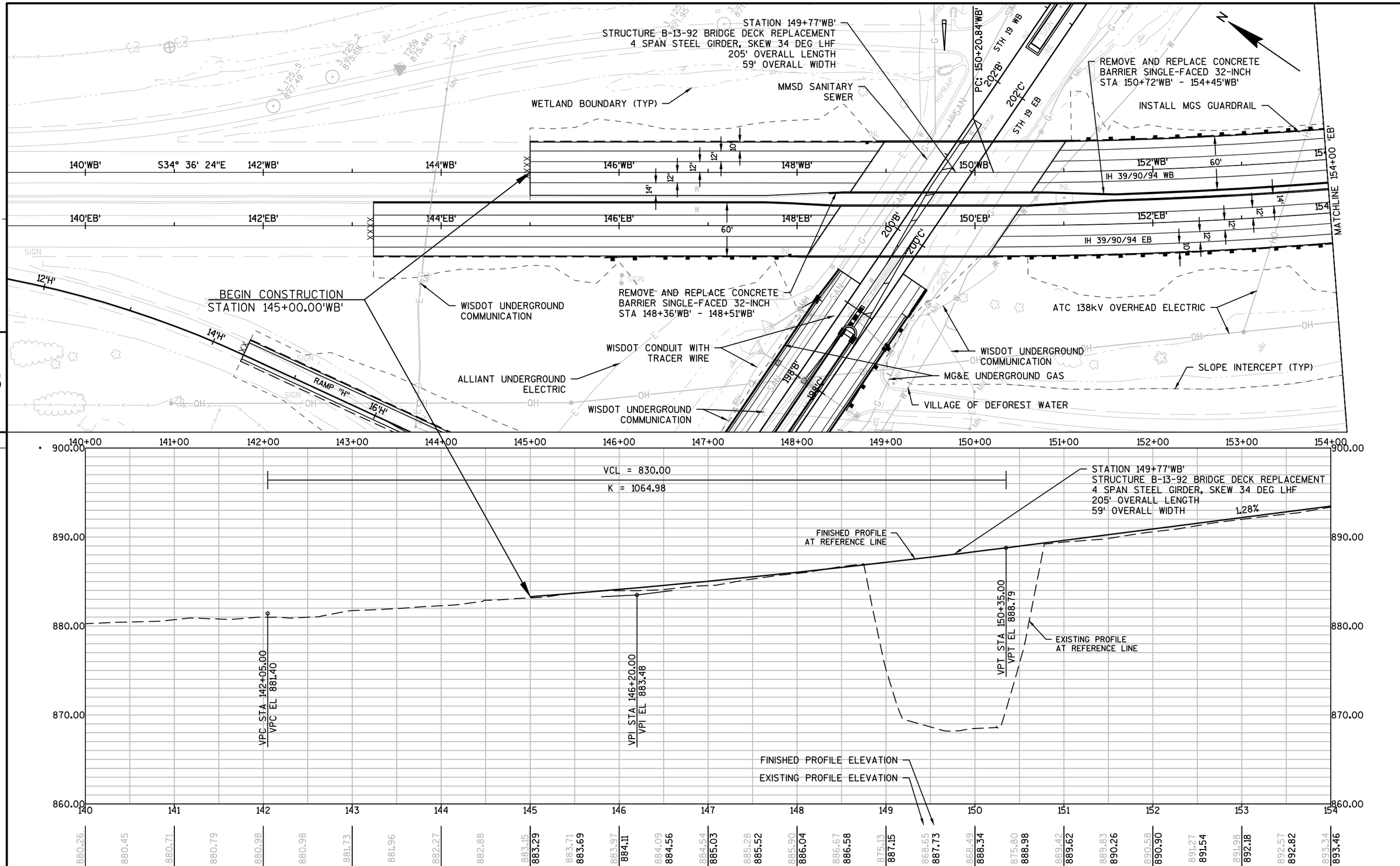

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1010-02-78 IH 39 - 050103-PP - X-IH39WB01

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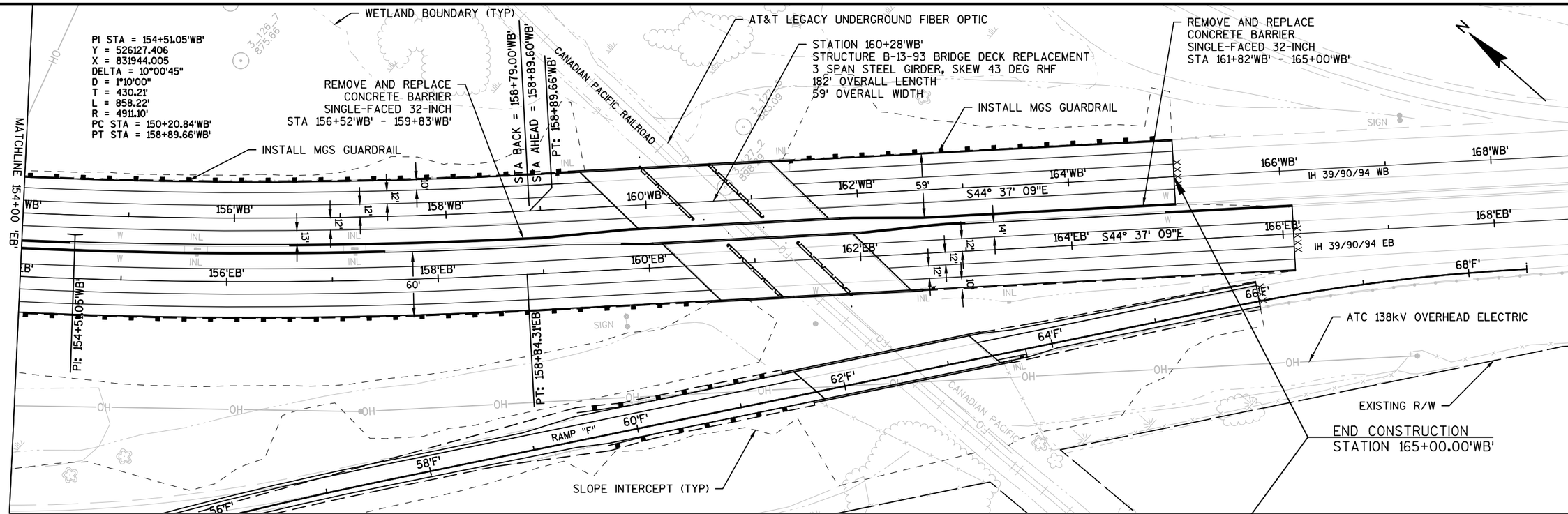
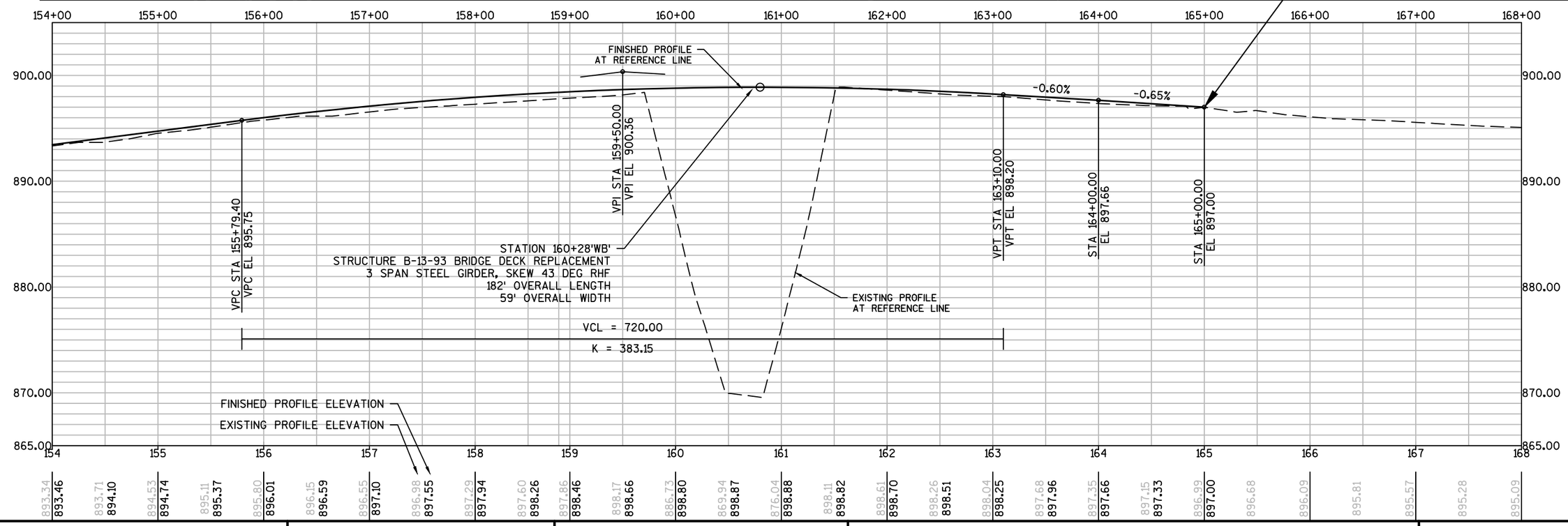
WISDOT/CADDS SHEET 44





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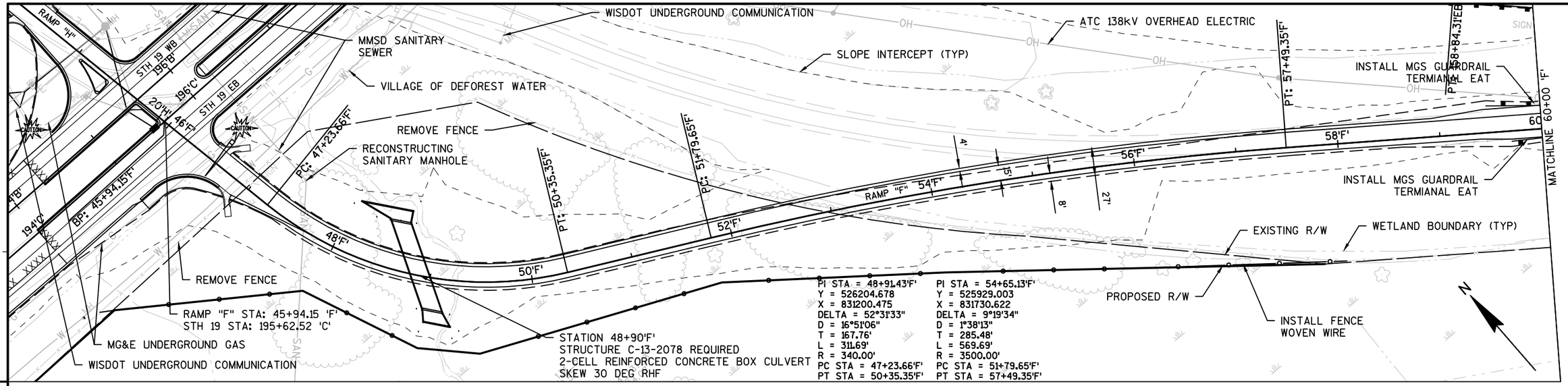

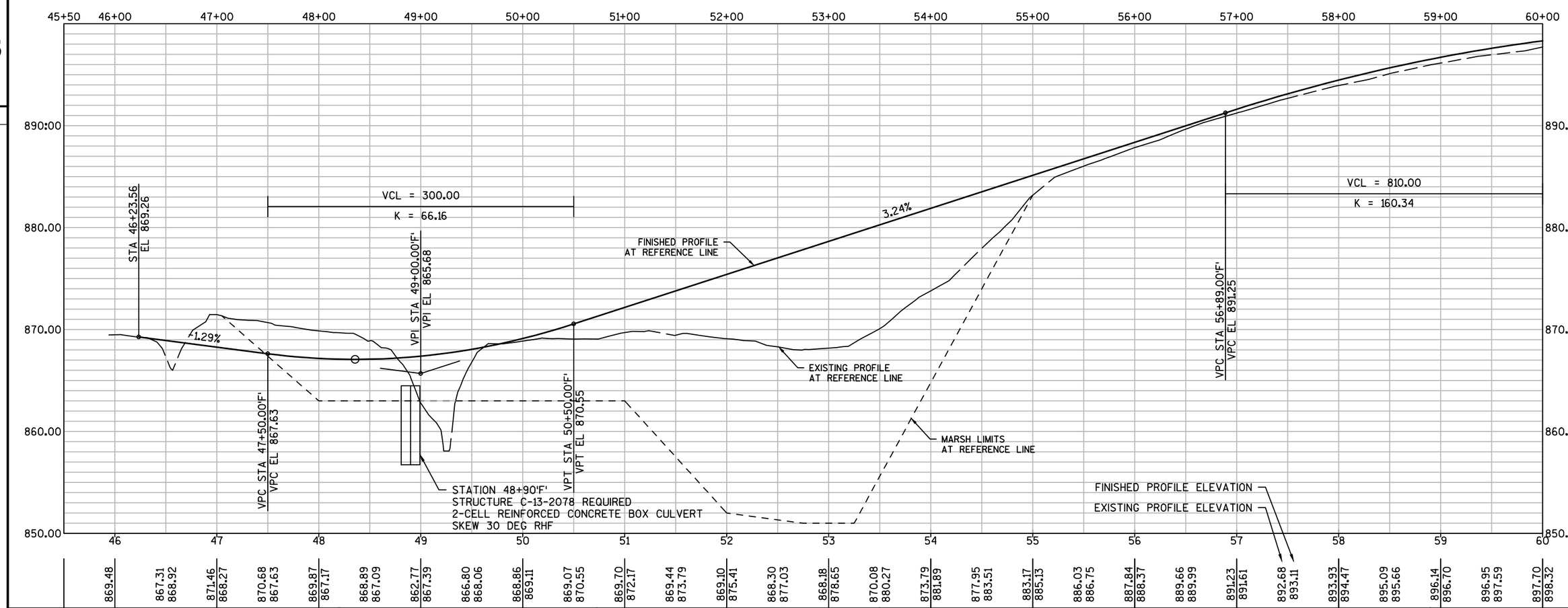

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1010-02-78 IH 39 - 050105-PP - IH39EB-RMP-STH19-ON-ALT101

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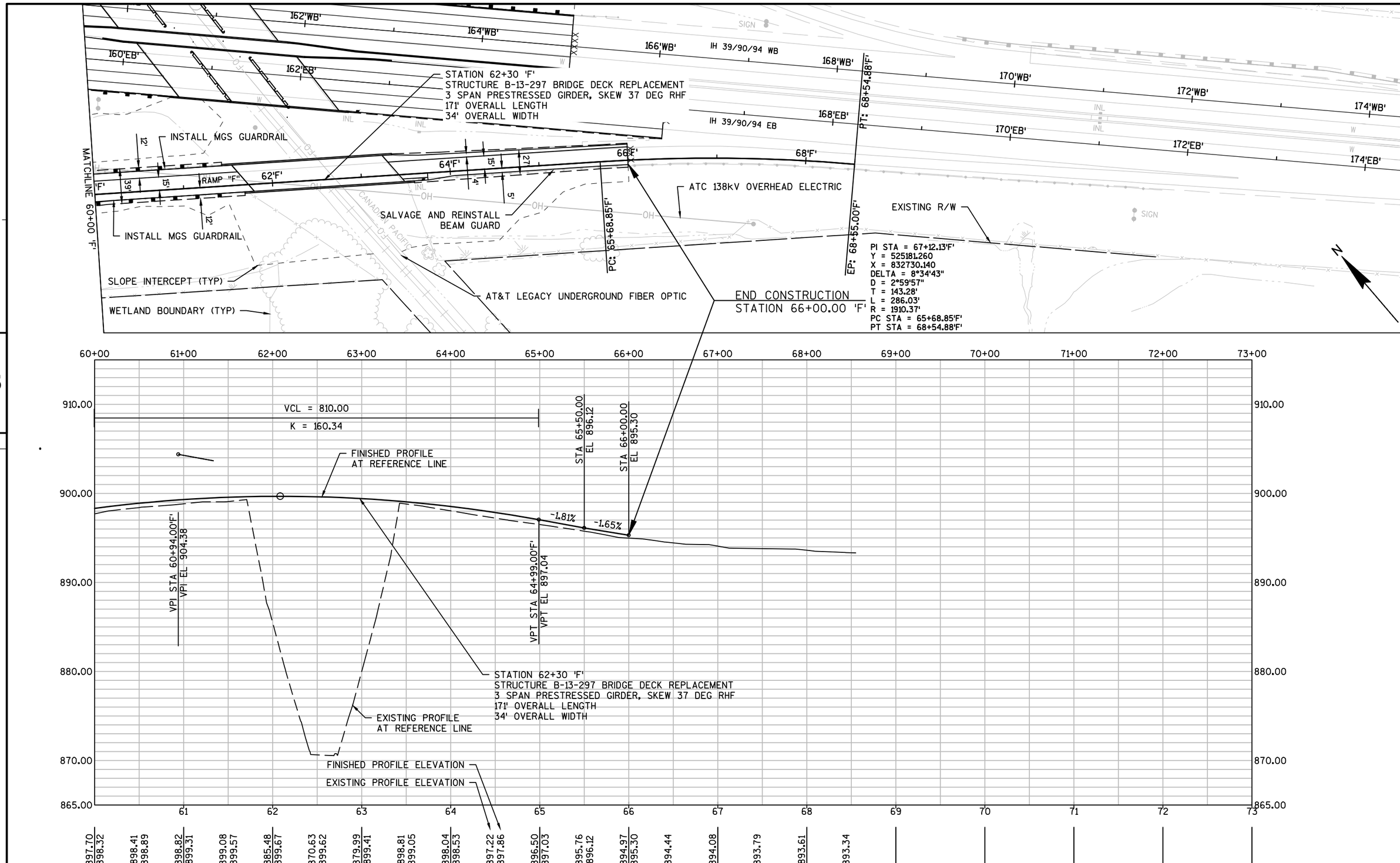

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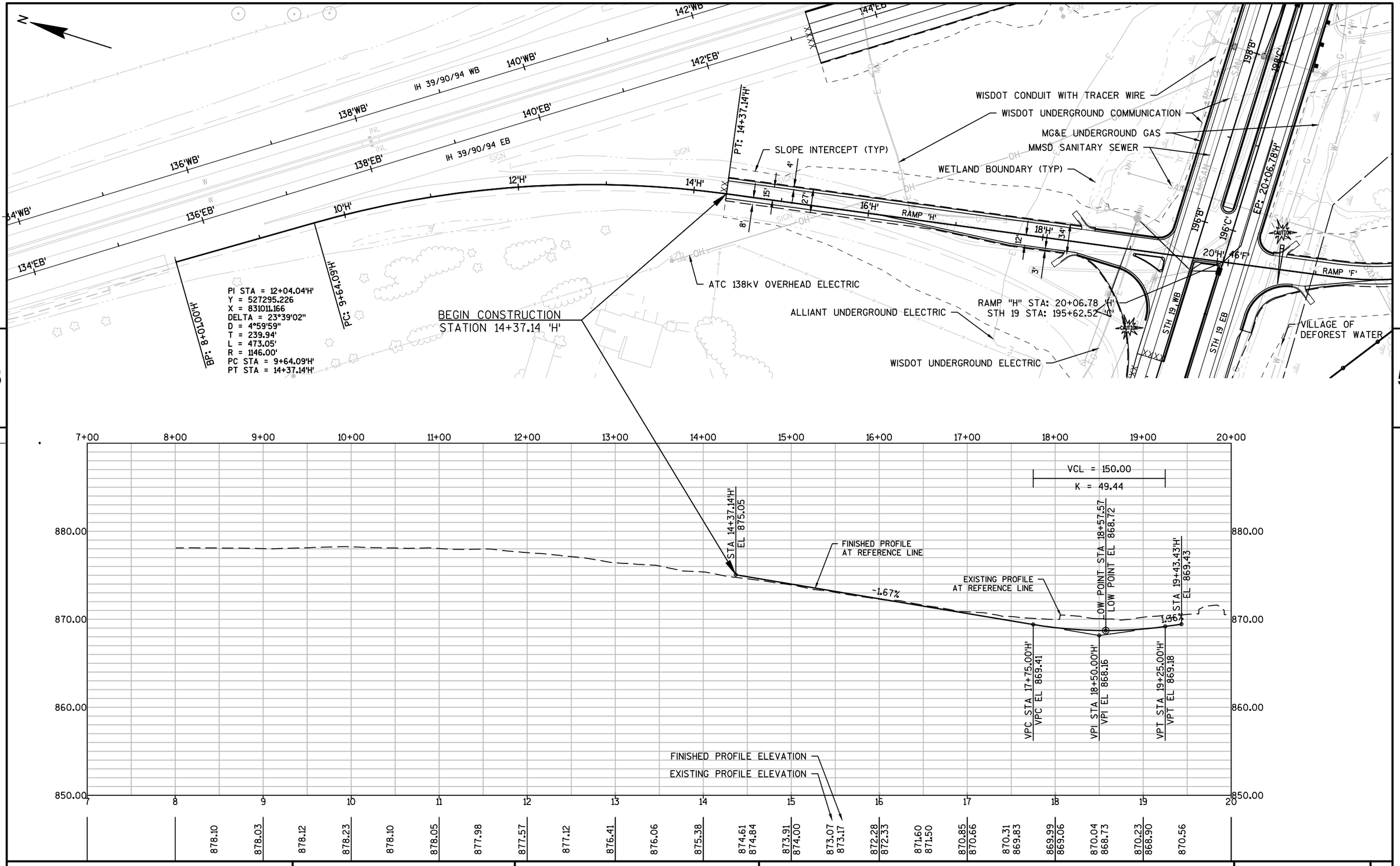

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PROJECT NO:1010-02-78	HWY:IH 39	COUNTY:DANE	PLAN AND PROFILE: RAMP "H"	SHEET	E

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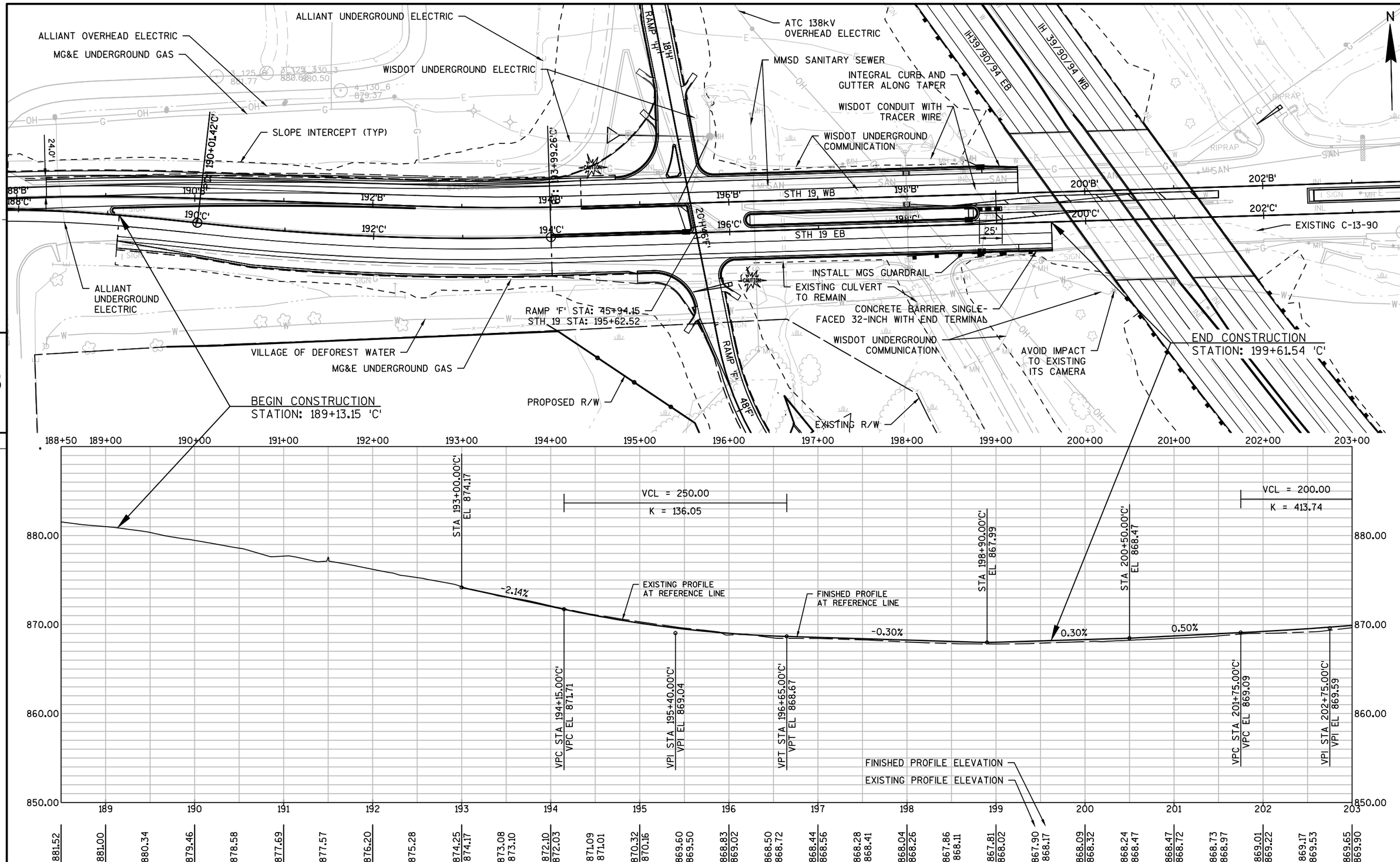
1010-02-78 IH 39 - 050107-PP - IH39EB-RMP-STH19-OFF01

PLOT DATE : 1/22/2016 12:04 PM PLOT BY : DYLAN DOUGLAS PLOT NAME : PLOT SCALE : 1:100_XREF

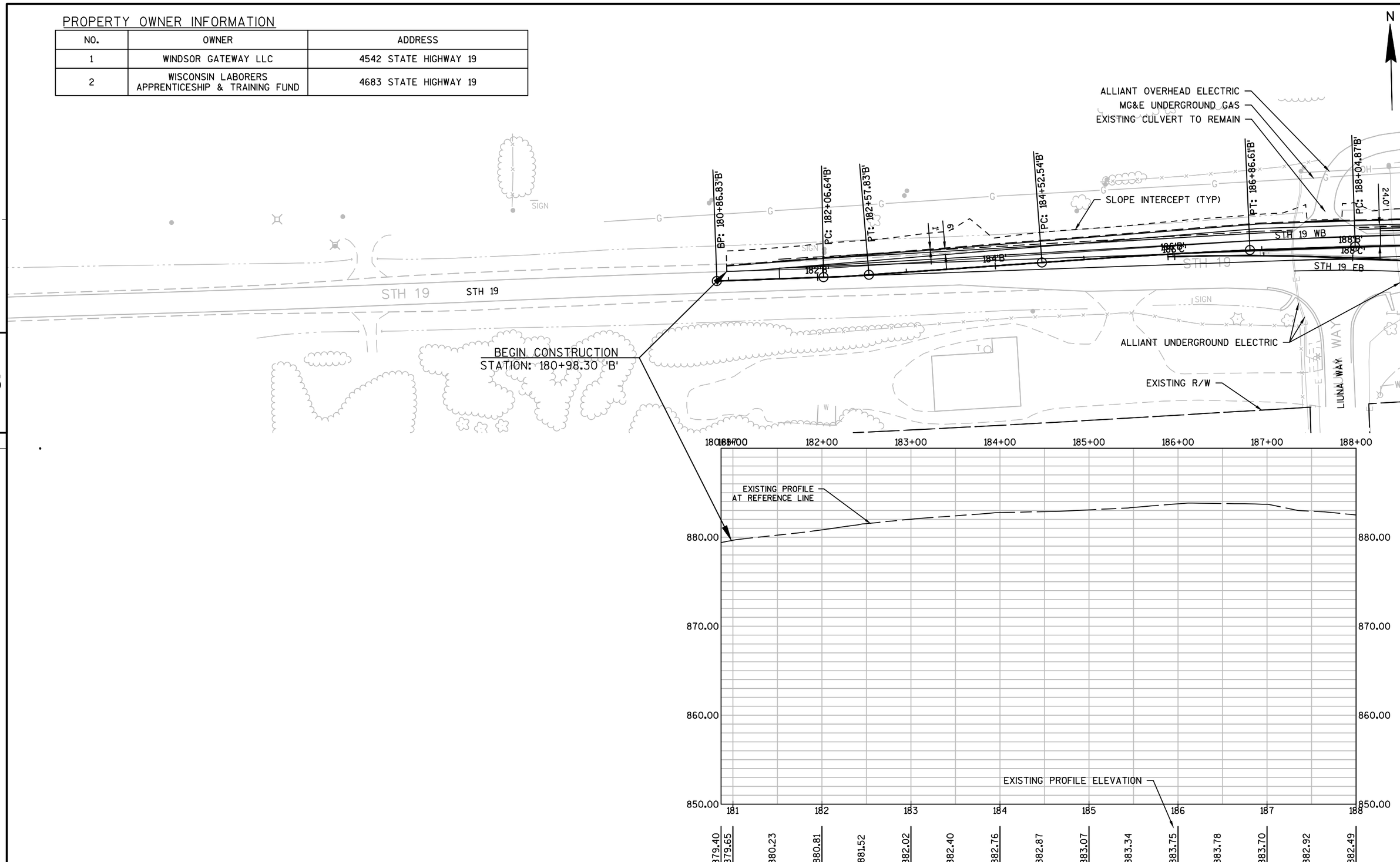


PROJECT NO:1010-02-78	HWY:IH 39	COUNTY:DANE	PLAN AND PROFILE: STH 19 EB	SHEET	E

FILE NAME : C:\PWV8I-LOCAL\BAKER_PROJECTS\DYLAN.DOUGLAS\D0290664\050102-PP.DWG
1010-02-78 IH 39 - 050108-PP-STH19-EB01
PLOT DATE : 1/22/2016 12:06 PM PLOT BY : DYLAN DOUGLAS PLOT NAME : PLOT SCALE : 1" = 100'_XREF

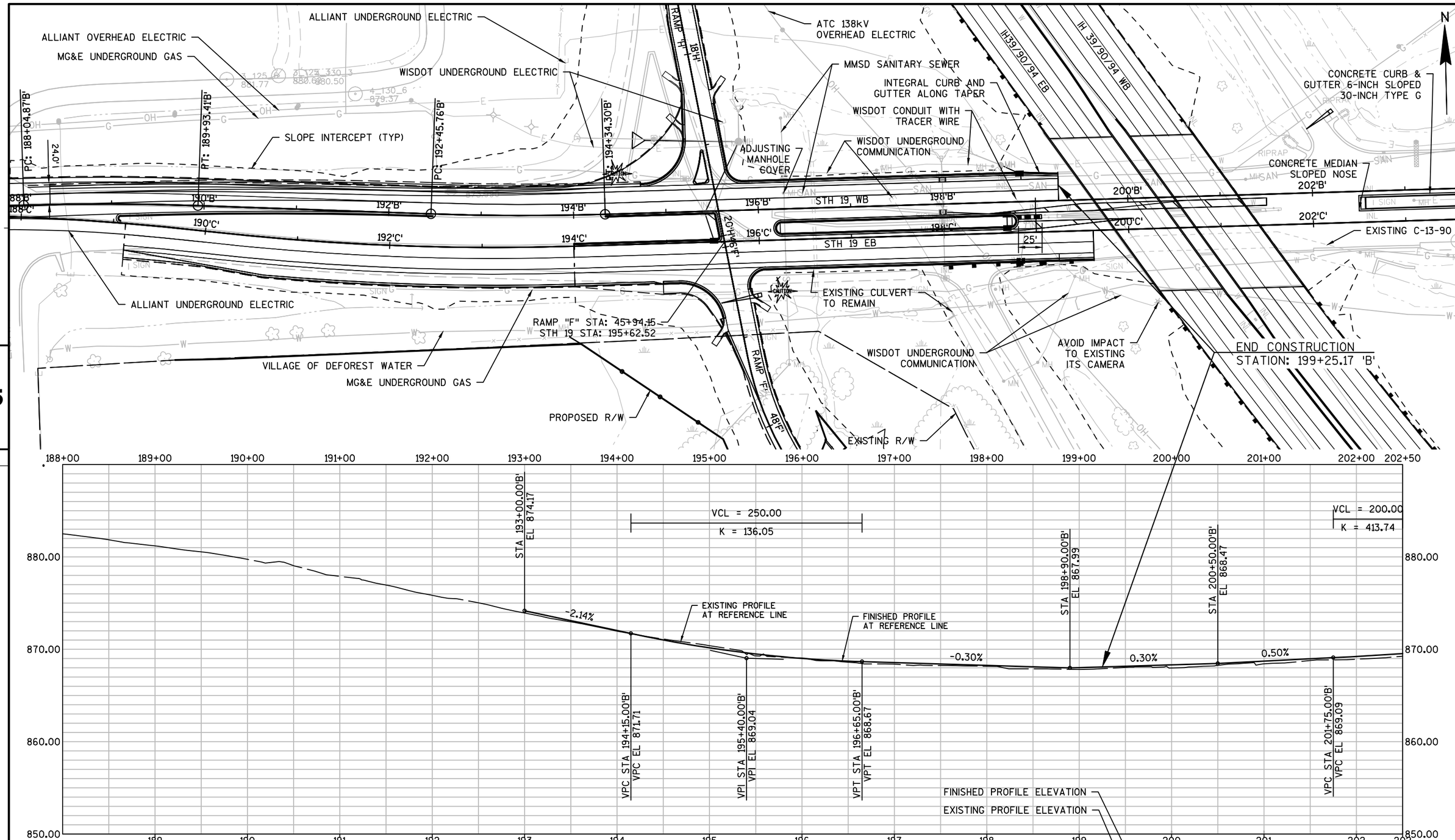
PROPERTY OWNER INFORMATION

NO.	OWNER	ADDRESS
1	WINDSOR GATEWAY LLC	4542 STATE HIGHWAY 19
2	WISCONSIN LABORERS APPRENTICESHIP & TRAINING FUND	4683 STATE HIGHWAY 19



PROJECT NO:1010-02-78	HWY:IH 39	COUNTY:DANE	PLAN AND PROFILE: STH 19 WB	SHEET	E

FILE NAME : C:\PWV8I-LOCAL\BAKER_PROJECTS\DYLAN.DOUGLAS\D0290664\050102-PP.DWG
1010-02-78 IH 39 - 050109-PP-STH19-WB01
PLOT DATE : 1/22/2016 12:06 PM PLOT BY : DYLAN DOUGLAS PLOT NAME : PLOT SCALE : 1" = 100'_XREF



PROJECT NO:1010-02-78	HWY:IH 39	COUNTY:DANE	PLAN AND PROFILE: STH 19 WB	SHEET	E

FILE NAME : C:\PWV8I-LOCAL\BAKER_PROJECTS\DYLAN.DOUGLAS\D0290664\050102-PP.DWG
1010-02-78 IH 39 - 050110-PP-STH19-WB02
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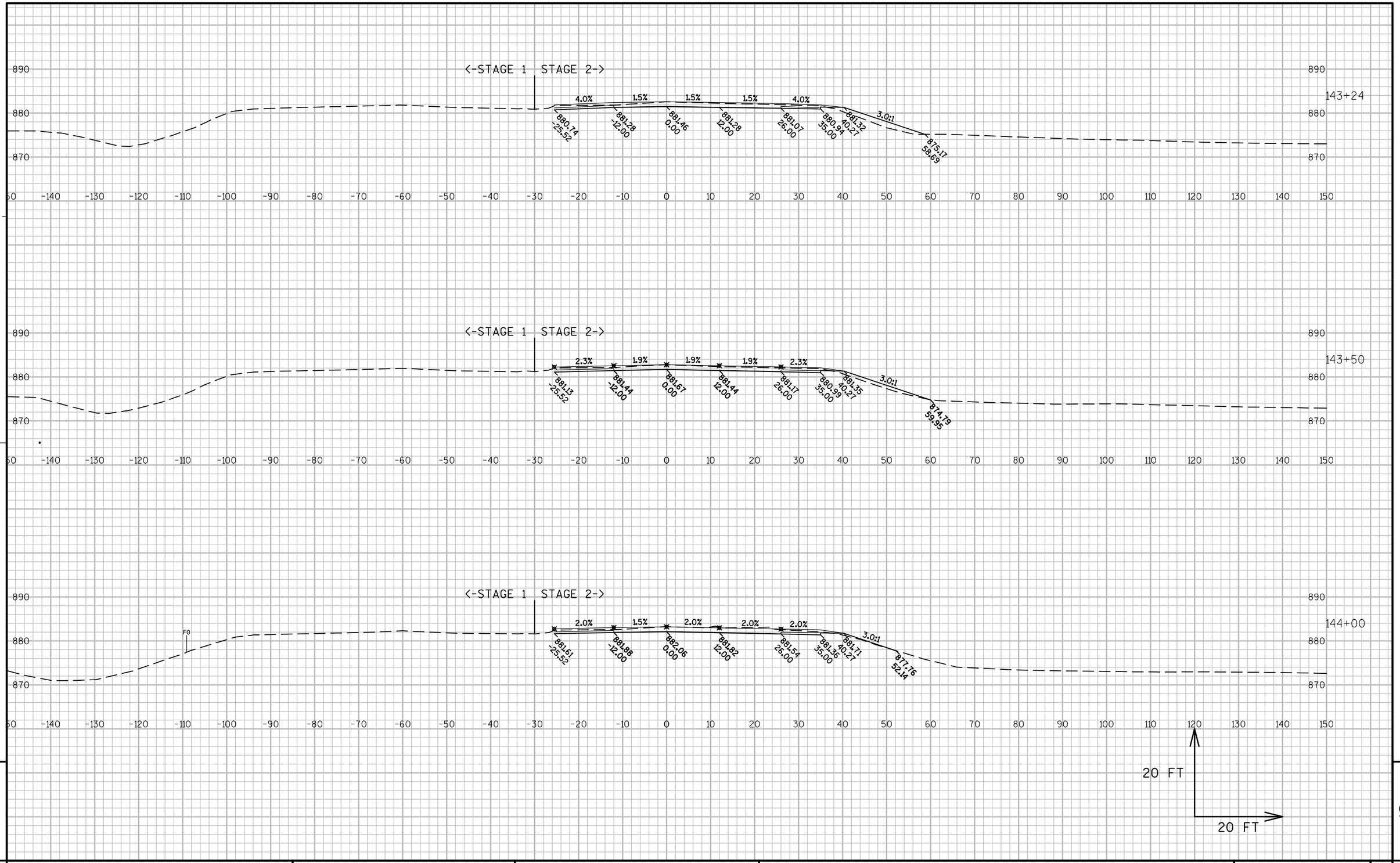
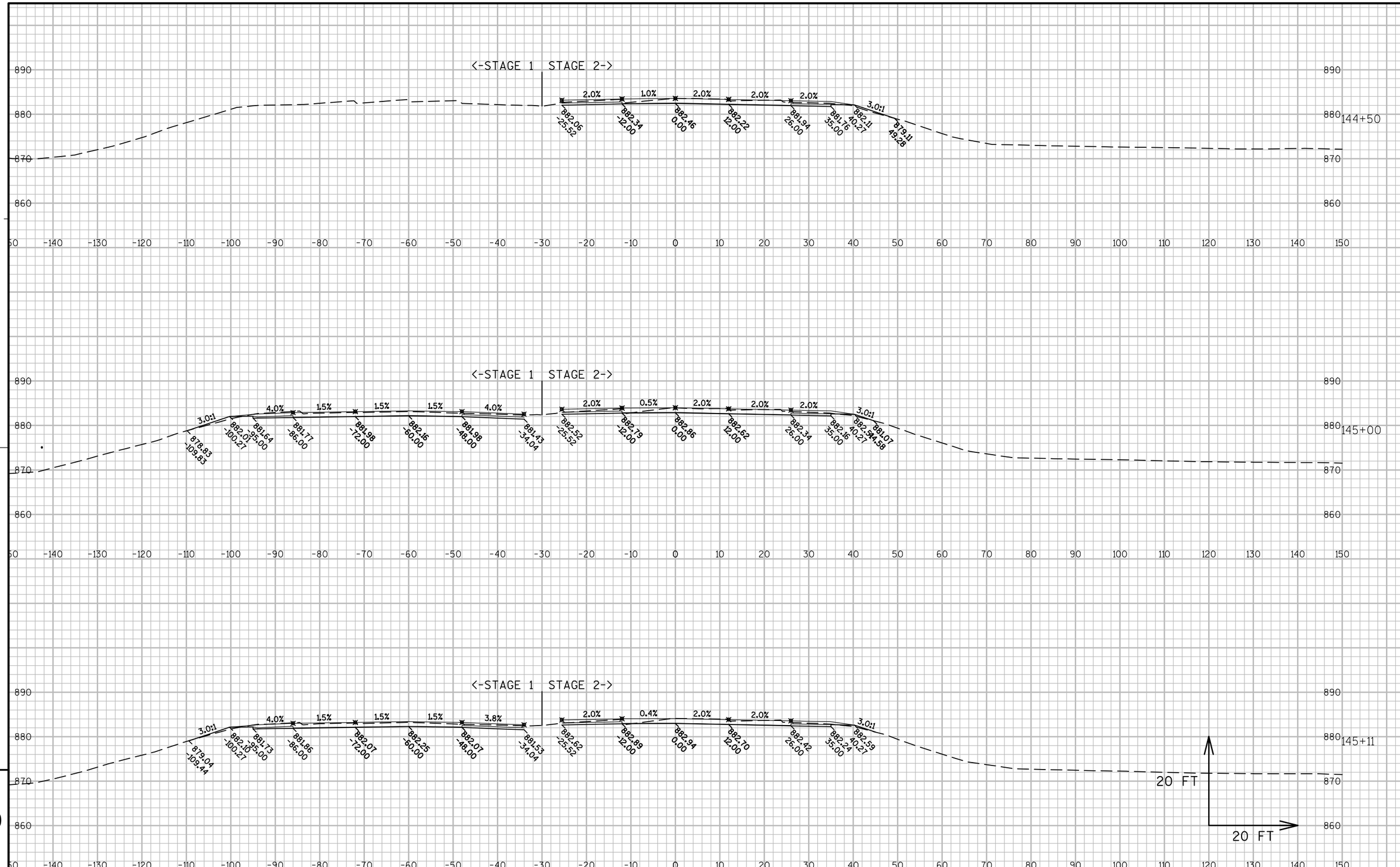


PROJECT NO:1010-02-78	HWY:IH 39	COUNTY:DANE	CROSS SECTIONS:IH 39	SHEET	E

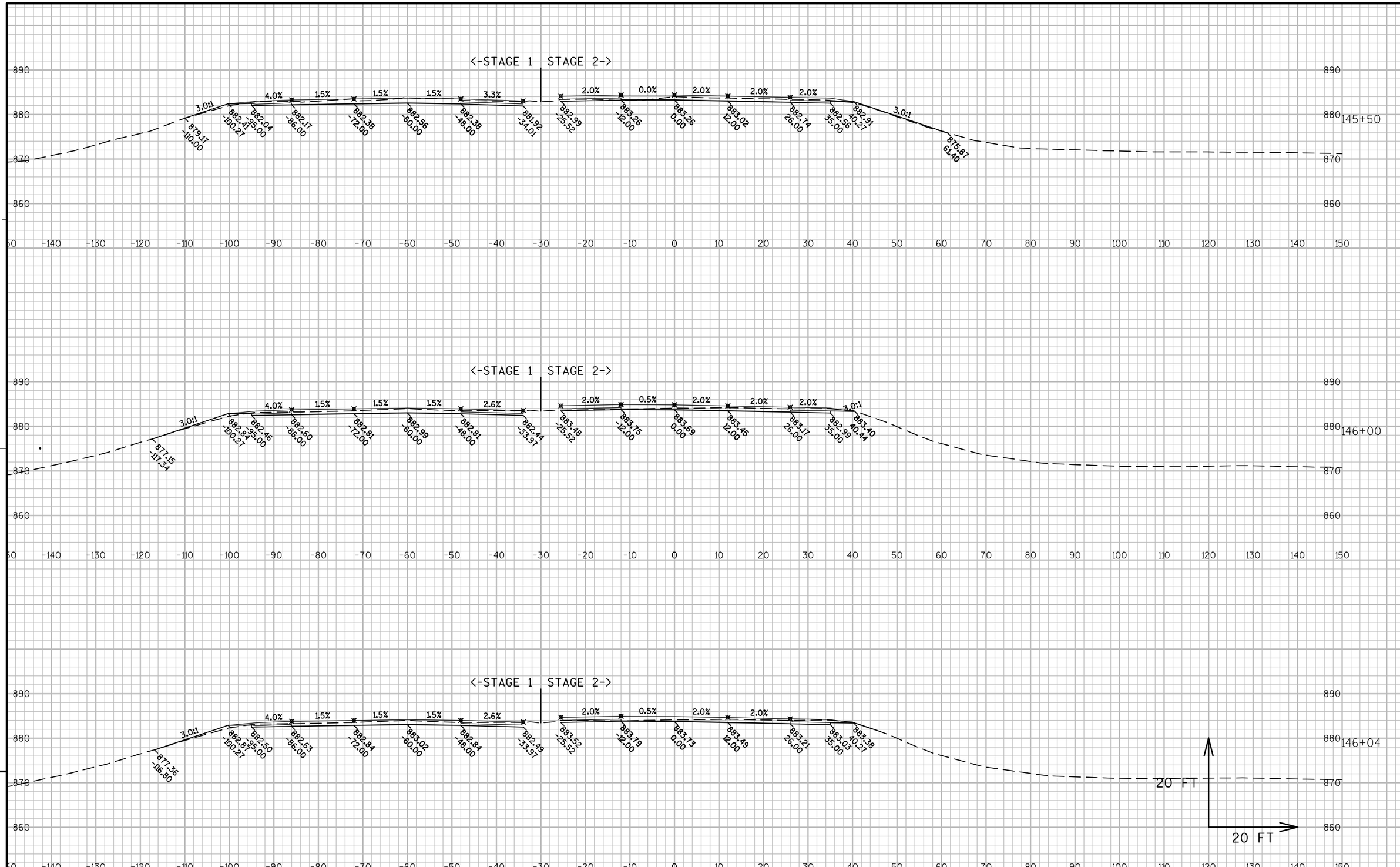
FILE NAME : C:\PWV8I-LOCAL\BAKER_PROJECTS\DYLAN.DOUGLAS\D0290664\090201-XS.DWG
LAYOUT NAME - 090204-1
PLOT DATE : 1/22/2016 7:17 AM PLOT BY : DYLAN DOUGLAS PLOT NAME : PLOT SCALE : 1:20_XREF



PROJECT NO:1010-02-78	HWY:IH 39	COUNTY:DANE	CROSS SECTIONS: IH 39	SHEET	E

FILE NAME : C:\PWV8I-LOCAL\BAKER_PROJECTS\DYLAN.DOUGLAS\D0290664\090201-XS.DWG
LAYOUT NAME - 090204-2

PLOT DATE : 1/22/2016 7:17 AM PLOT BY : DYLAN DOUGLAS PLOT NAME : PLOT SCALE : 1:20_XREF



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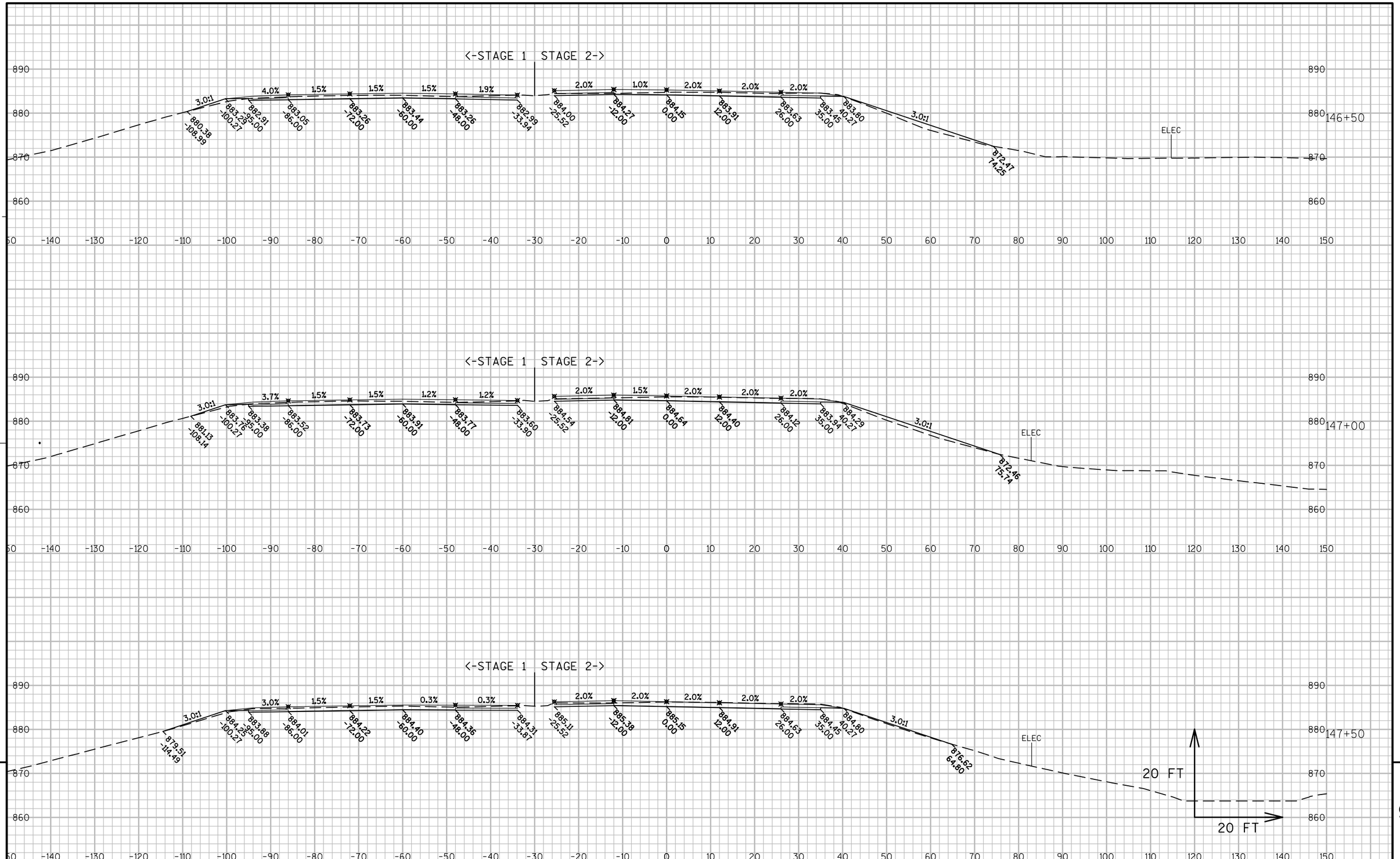
PROJECT NO:1010-02-78	HWY:IH 39	COUNTY:DANE	CROSS SECTIONS:IH 39	SHEET	E

FILE NAME : C:\PWV8I-LOCAL\BAKER_PROJECTS\DYLAN.DOUGLAS\D0290664\090201-XS.DWG
LAYOUT NAME - 090204-3

PLOT DATE : 1/22/2016 7:18 AM PLOT BY : DYLAN DOUGLAS PLOT NAME : PLOT SCALE : 1:20_XREF

WISDOT/CADDS SHEET 49



PROJECT NO:1010-02-78	HWY:IH 39	COUNTY:DANE	CROSS SECTIONS:IH 39	SHEET	E

FILE NAME : C:\PWV8I-LOCAL\BAKER_PROJECTS\DYLAN.DOUGLAS\D0290664\090201-XS.DWG
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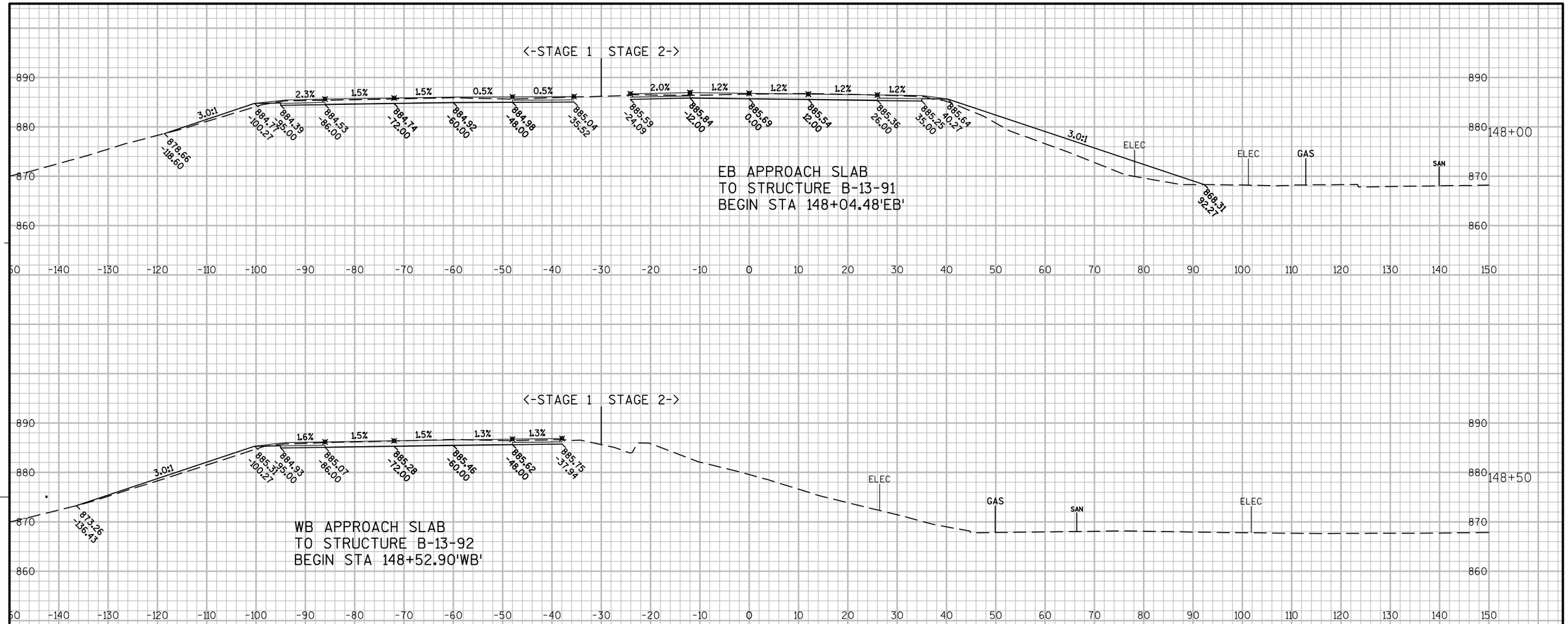

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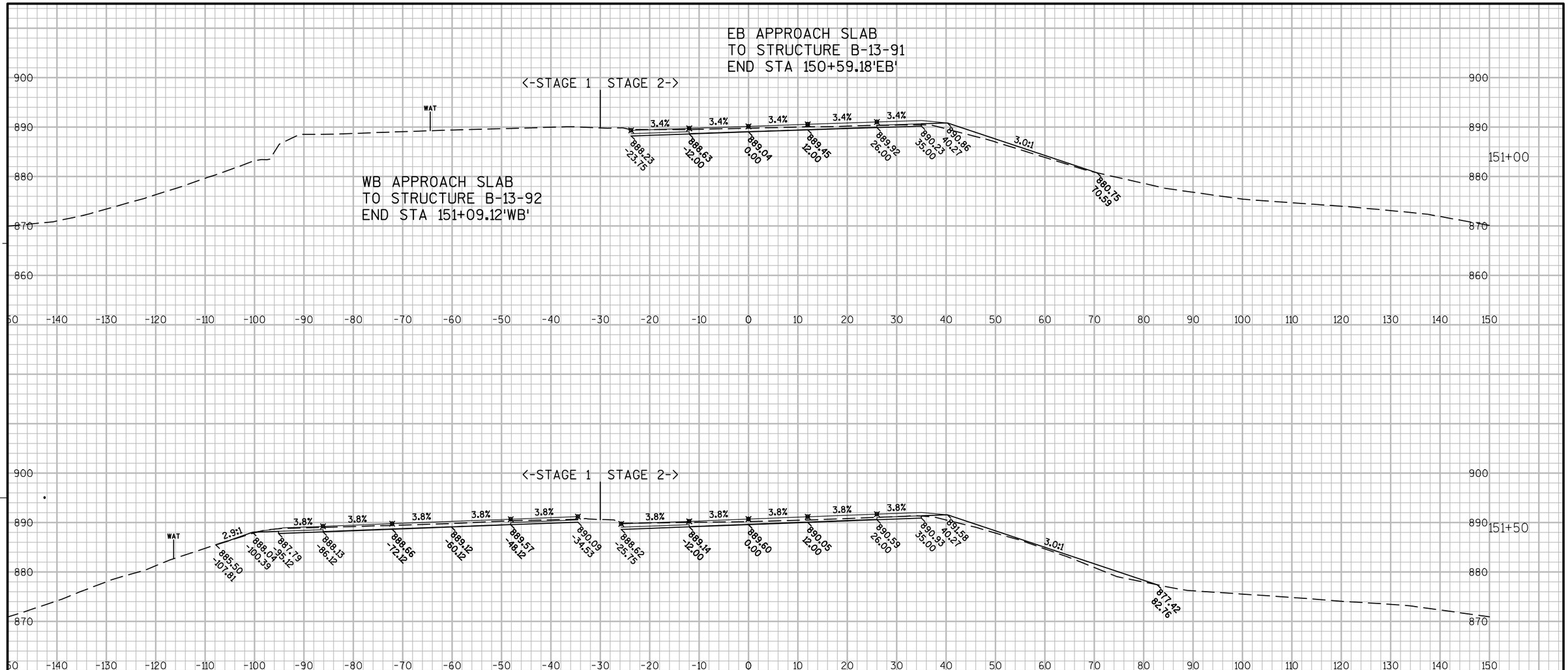
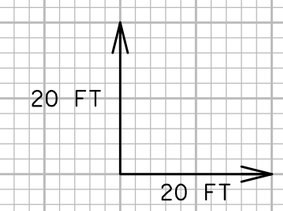
PROJECT NO:1010-02-78	HWY:IH 39	COUNTY:DANE	CROSS SECTIONS:IH 39	SHEET	E





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PROJECT NO:1010-02-78	HWY:IH 39	COUNTY:DANE	CROSS SECTIONS:IH 39	SHEET	E

FILE NAME : C:\PWV8I-LOCAL\BAKER_PROJECTS\DYLAN.DOUGLAS\D0290664\090201-XS.DWG
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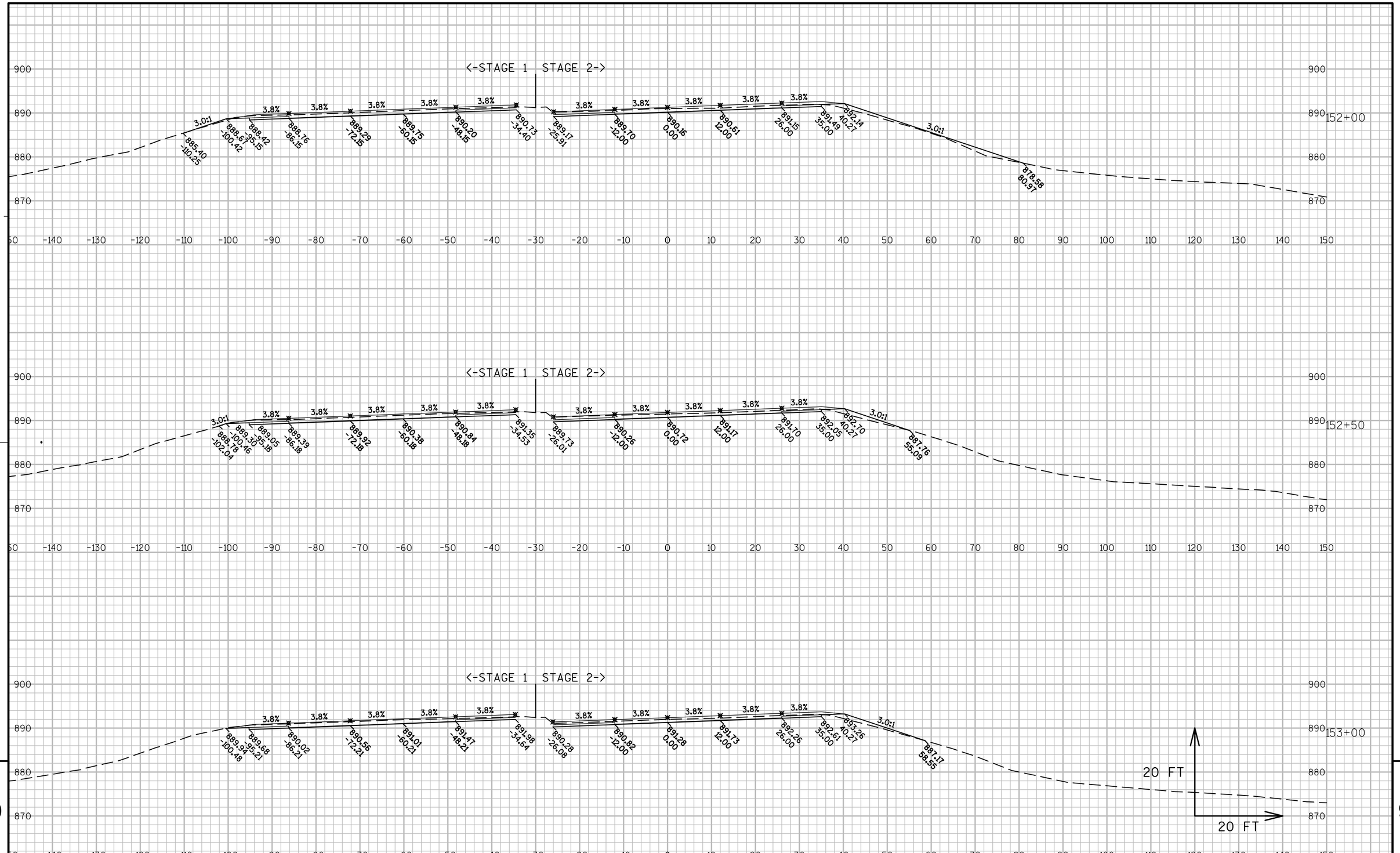

PROJECT NO:1010-02-78	HWY:IH 39	COUNTY:DANE	CROSS SECTIONS:IH 39	SHEET	E

FILE NAME : C:\PWV8I-LOCAL\BAKER_PROJECTS\DYLAN.DOUGLAS\D0290664\090201-XS.DWG
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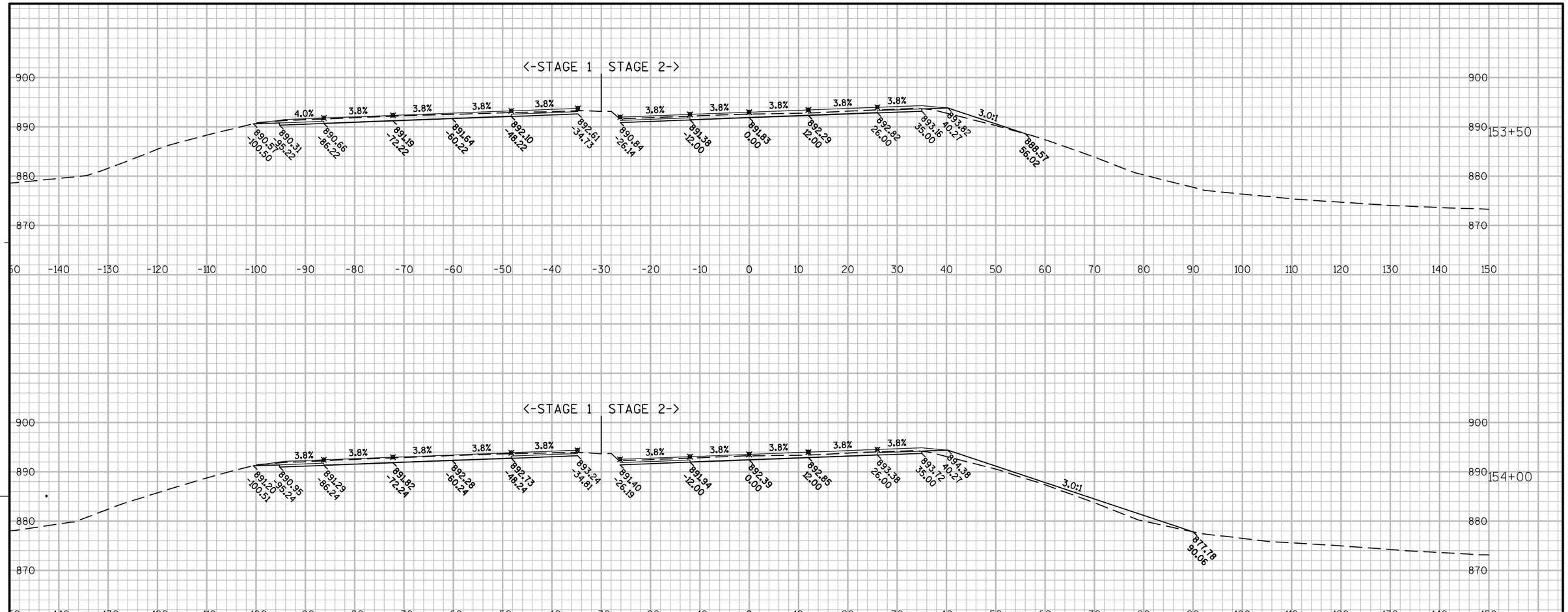
PLOT DATE : 1/22/2016 7:19 AM PLOT BY : DYLAN DOUGLAS PLOT NAME : PLOT SCALE : 1:20_XREF



PROJECT NO:1010-02-78	HWY:IH 39	COUNTY:DANE	CROSS SECTIONS:IH 39	SHEET	E

FILE NAME : C:\PWV8I-LOCAL\BAKER_PROJECTS\DYLAN.DOUGLAS\D0290664\090201-XS.DWG
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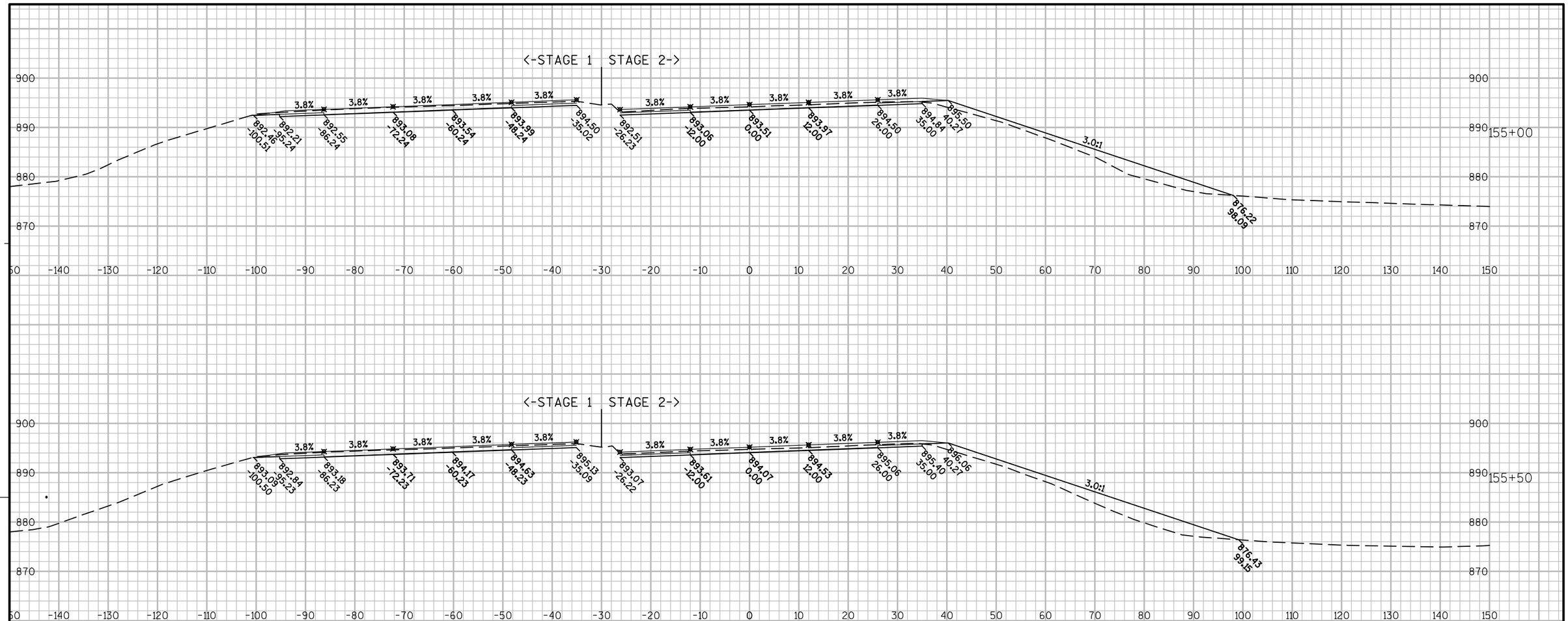
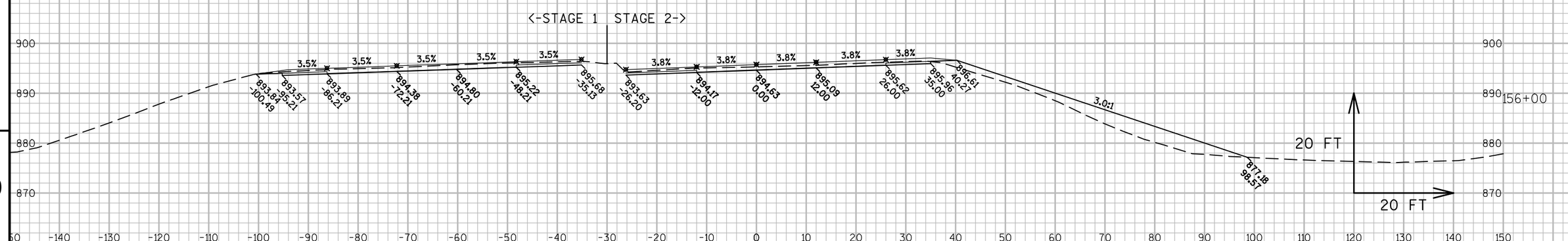
PLOT DATE : 1/22/2016 7:20 AM PLOT BY : DYLAN DOUGLAS PLOT NAME : PLOT SCALE : 1:20_XREF





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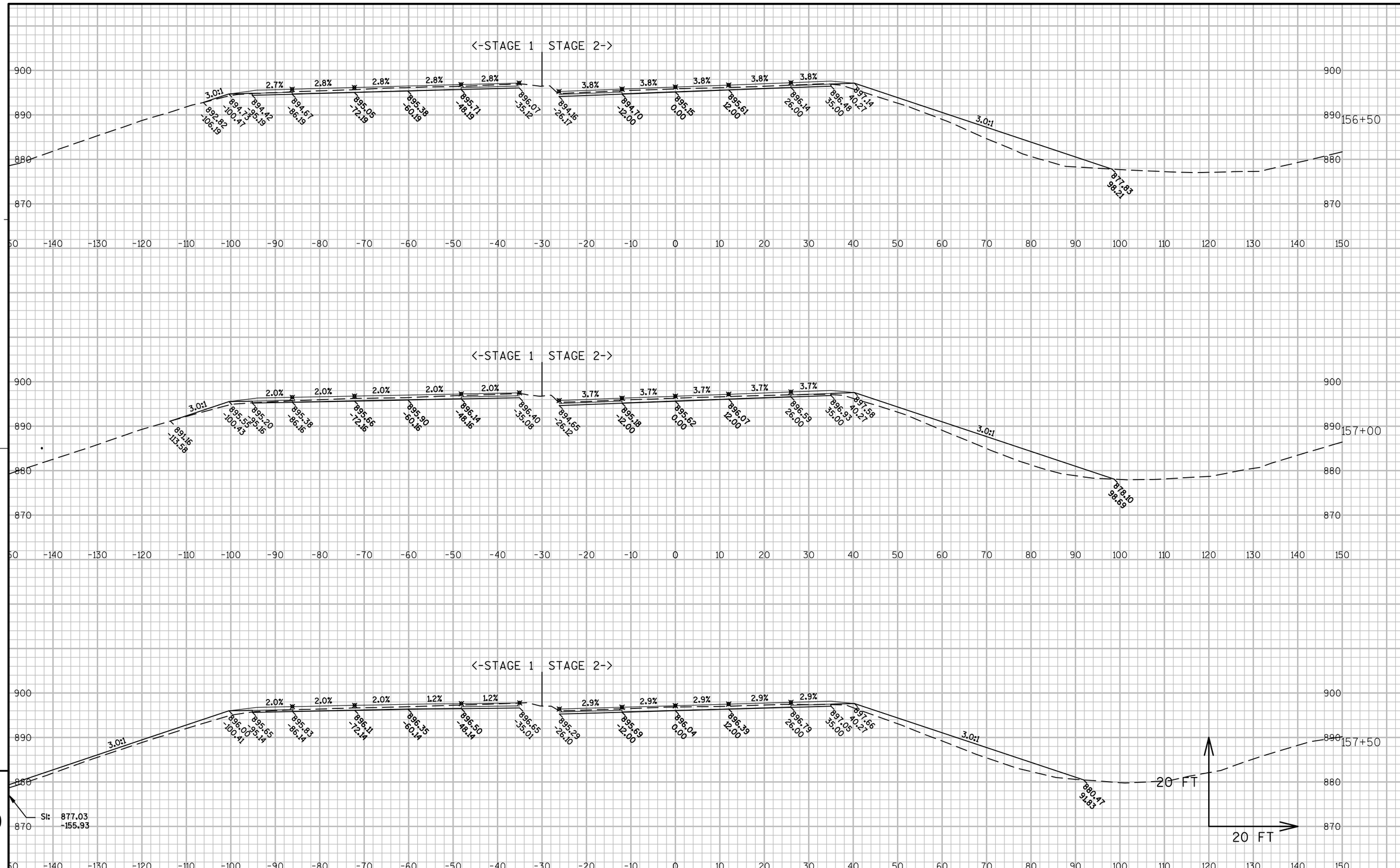
PROJECT NO:1010-02-78	HWY:IH 39	COUNTY:DANE	CROSS SECTIONS: IH 39	SHEET	E

FILE NAME : C:\PWV8I-LOCAL\BAKER_PROJECTS\DYLAN.DOUGLAS\D0290664\090201-XS.DWG
LAYOUT NAME - 090204-9

PLOT DATE : 1/22/2016 7:20 AM PLOT BY : DYLAN DOUGLAS PLOT NAME : PLOT SCALE : 1:20_XREF

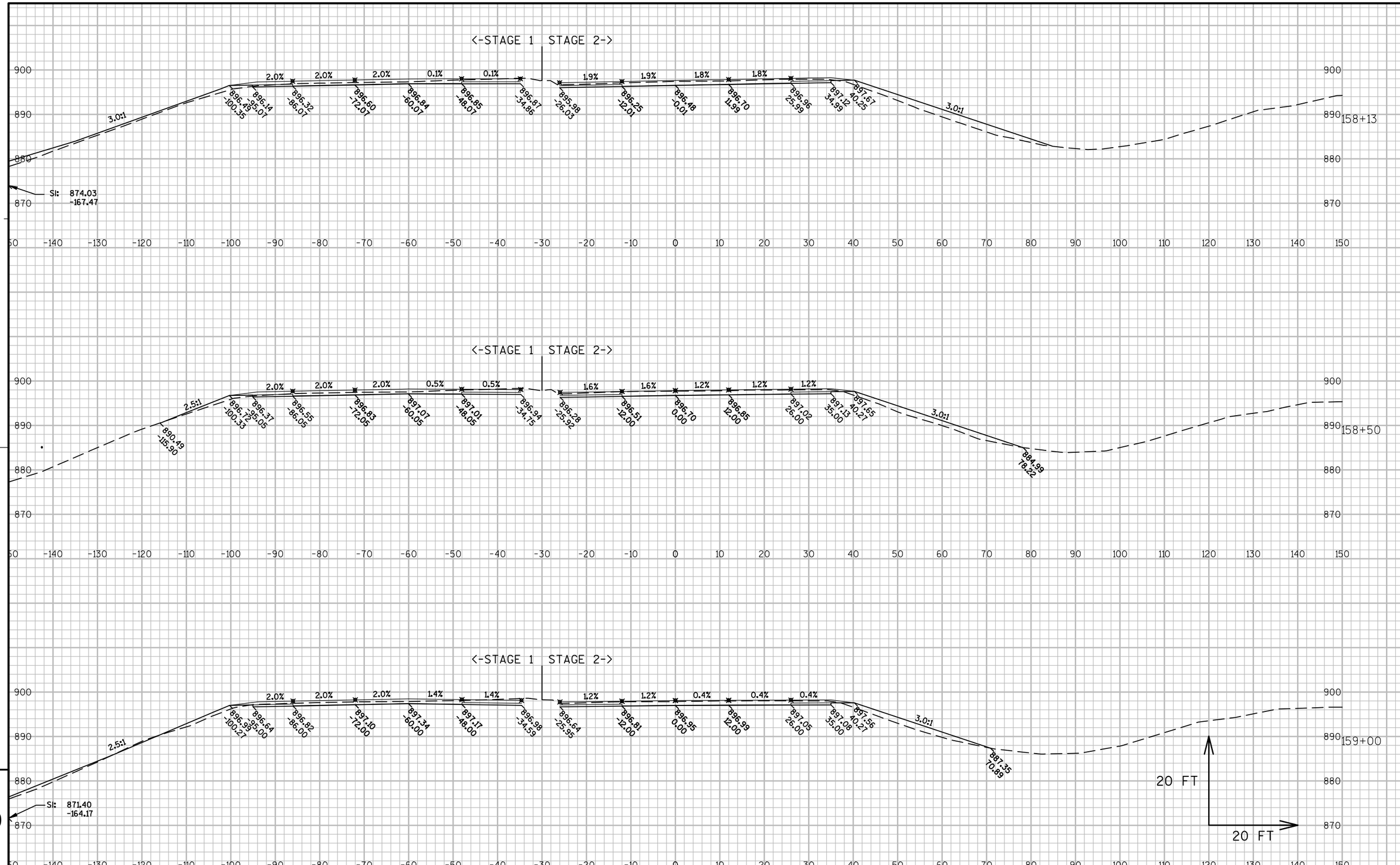
WISDOT/CADDS SHEET 49



PROJECT NO:1010-02-78	HWY:IH 39	COUNTY:DANE	CROSS SECTIONS: IH 39	SHEET	E

FILE NAME : C:\PWV8I-LOCAL\BAKER_PROJECTS\DYLAN.DOUGLAS\D0290664\090201-XS.DWG
LAYOUT NAME - 090204-10

PLOT DATE : 1/22/2016 7:20 AM PLOT BY : DYLAN DOUGLAS PLOT NAME : PLOT SCALE : 1:20_XREF



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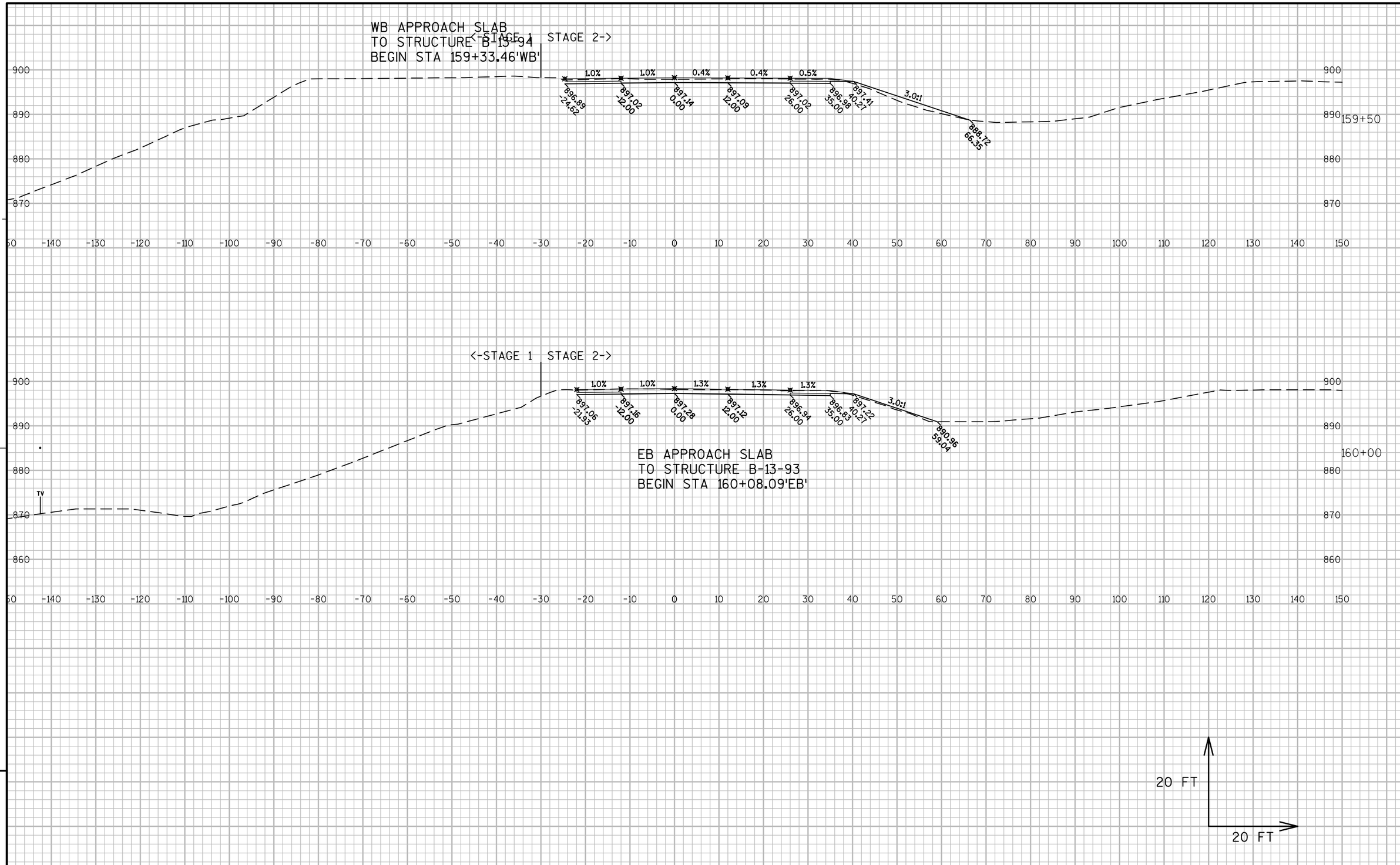
PROJECT NO:1010-02-78	HWY:IH 39	COUNTY:DANE	CROSS SECTIONS:IH 39	SHEET	E

FILE NAME : C:\PWV8I-LOCAL\BAKER_PROJECTS\DYLAN.DOUGLAS\D0290664\090201-XS.DWG
LAYOUT NAME - 090204-11
PLOT DATE : 1/22/2016 7:21 AM PLOT BY : DYLAN DOUGLAS PLOT NAME : PLOT SCALE : 1:20_XREF



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PROJECT NO:1010-02-78	HWY:IH 39	COUNTY:DANE	CROSS SECTIONS:IH 39	SHEET	E

FILE NAME : C:\PWV8I-LOCAL\BAKER_PROJECTS\DYLAN.DOUGLAS\D0290664\090201-XS.DWG
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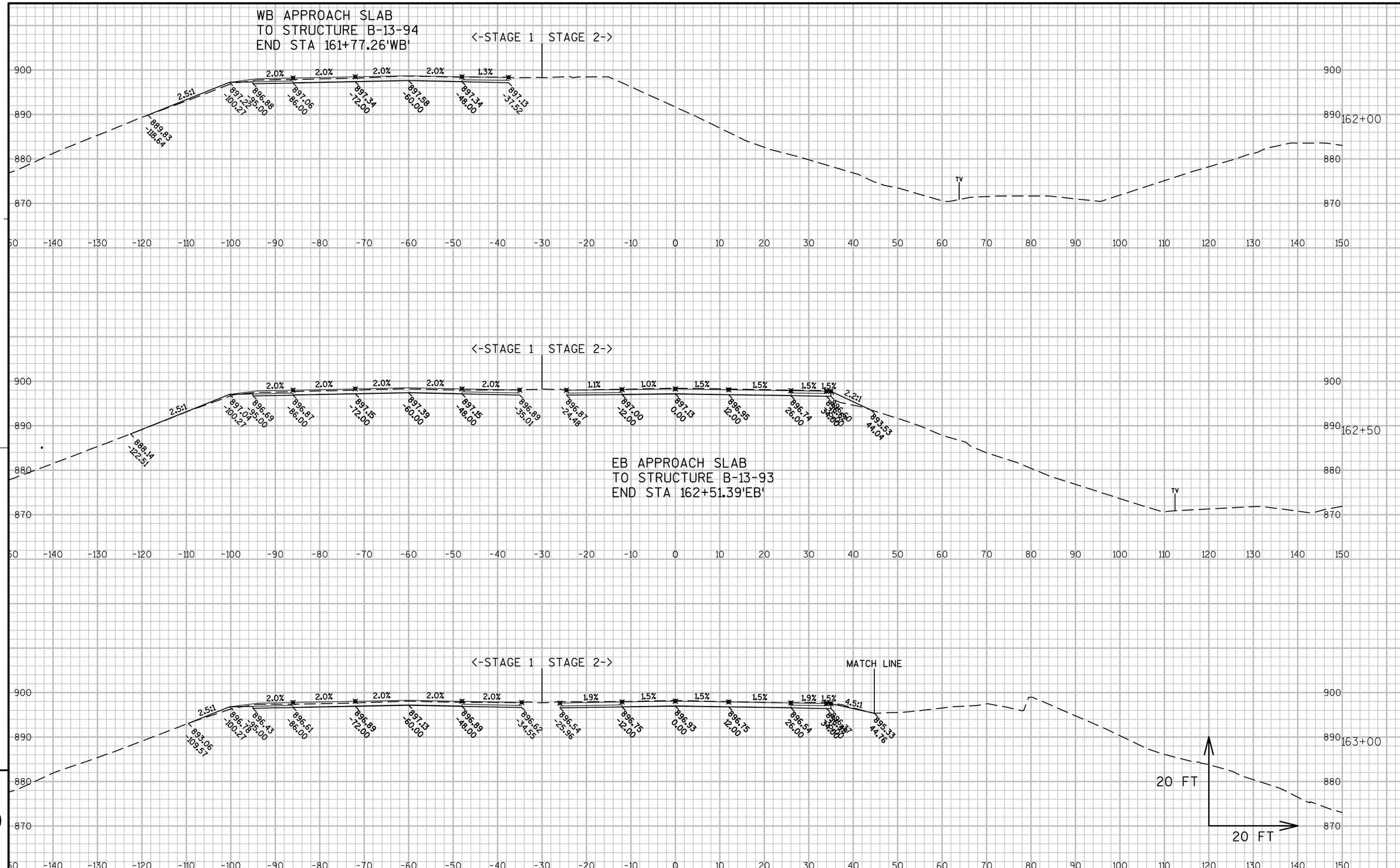
PLOT DATE : 1/22/2016 7:21 AM PLOT BY : DYLAN DOUGLAS PLOT NAME : PLOT SCALE : 1:20_XREF



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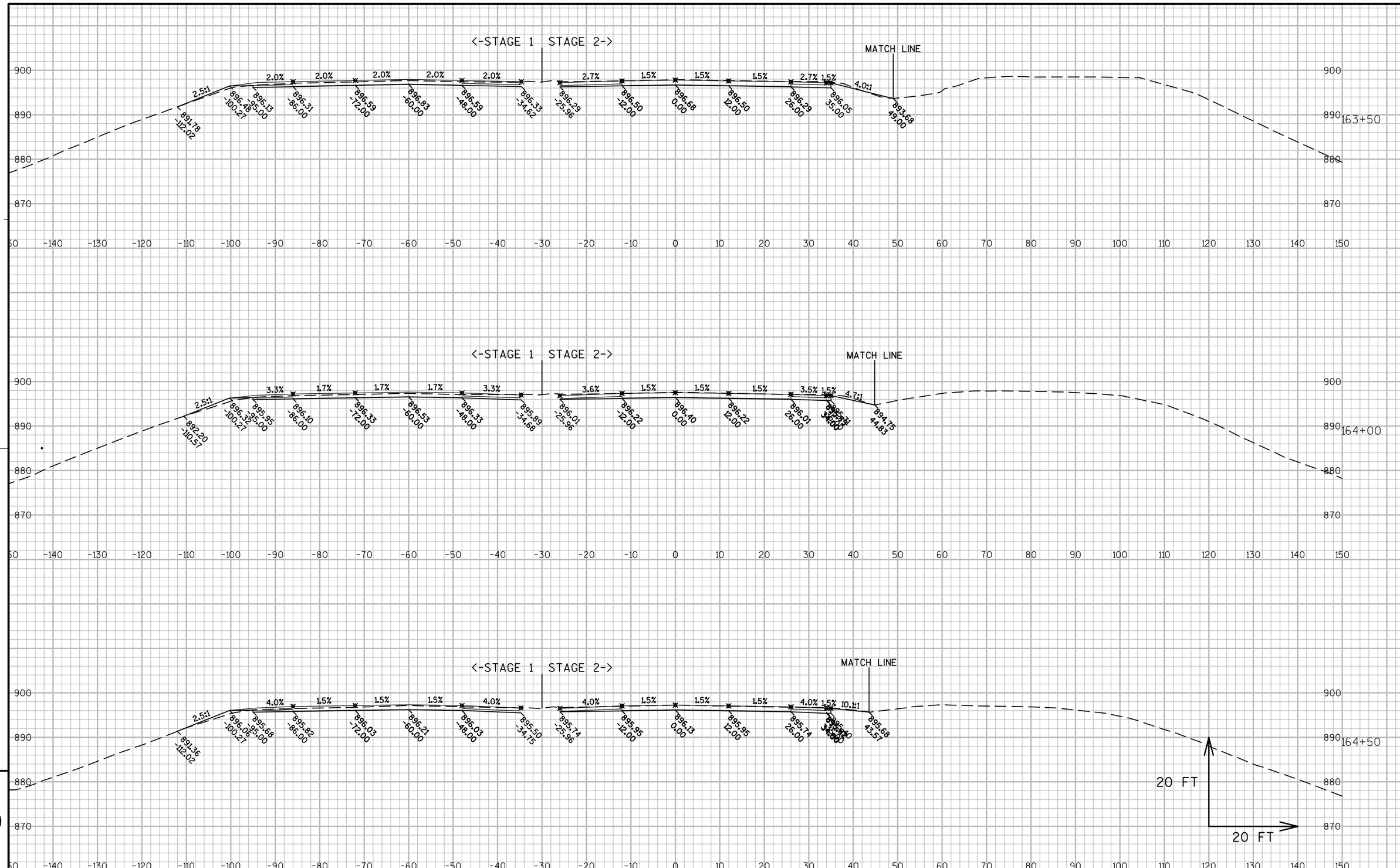
PROJECT NO:1010-02-78	HWY:IH 39	COUNTY:DANE	CROSS SECTIONS:IH 39	SHEET	E



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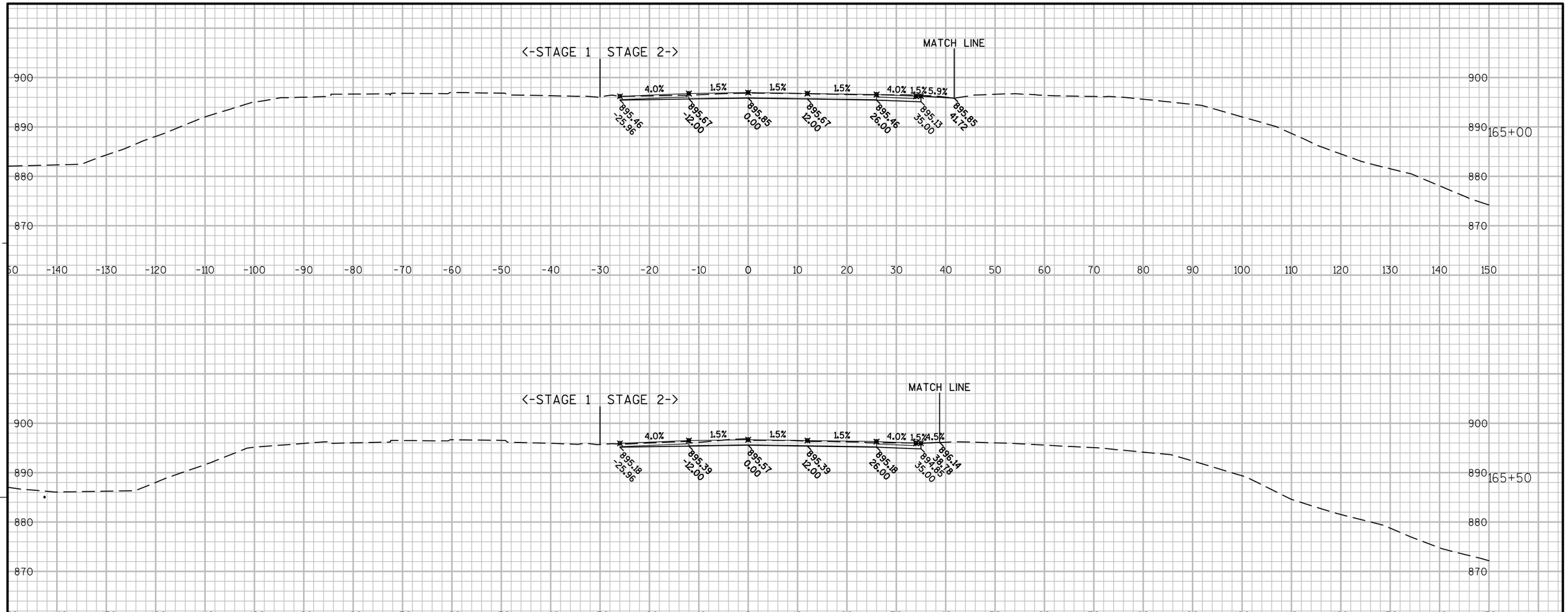
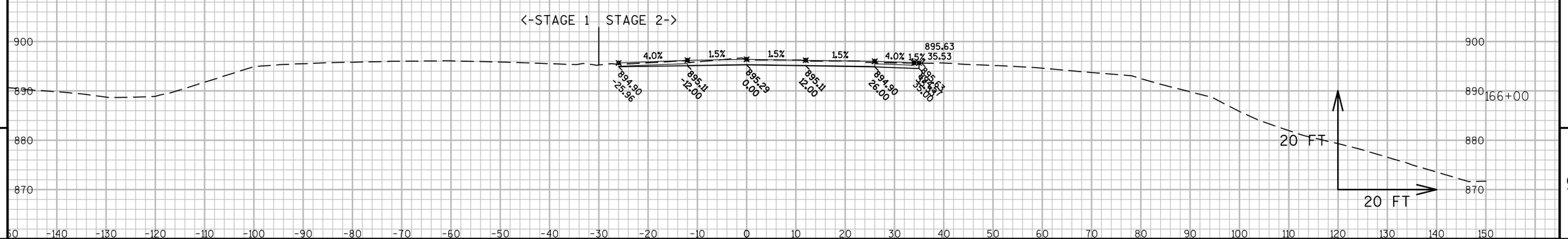
PROJECT NO:1010-02-78	HWY:IH 39	COUNTY:DANE	CROSS SECTIONS: IH 39	SHEET	E

FILE NAME : C:\PWV8I-LOCAL\BAKER_PROJECTS\DYLAN.DOUGLAS\D0290664\090201-XS.DWG
LAYOUT NAME - 090204-14
PLOT DATE : 1/22/2016 7:22 AM PLOT BY : DYLAN DOUGLAS PLOT NAME : PLOT SCALE : 1:20_XREF





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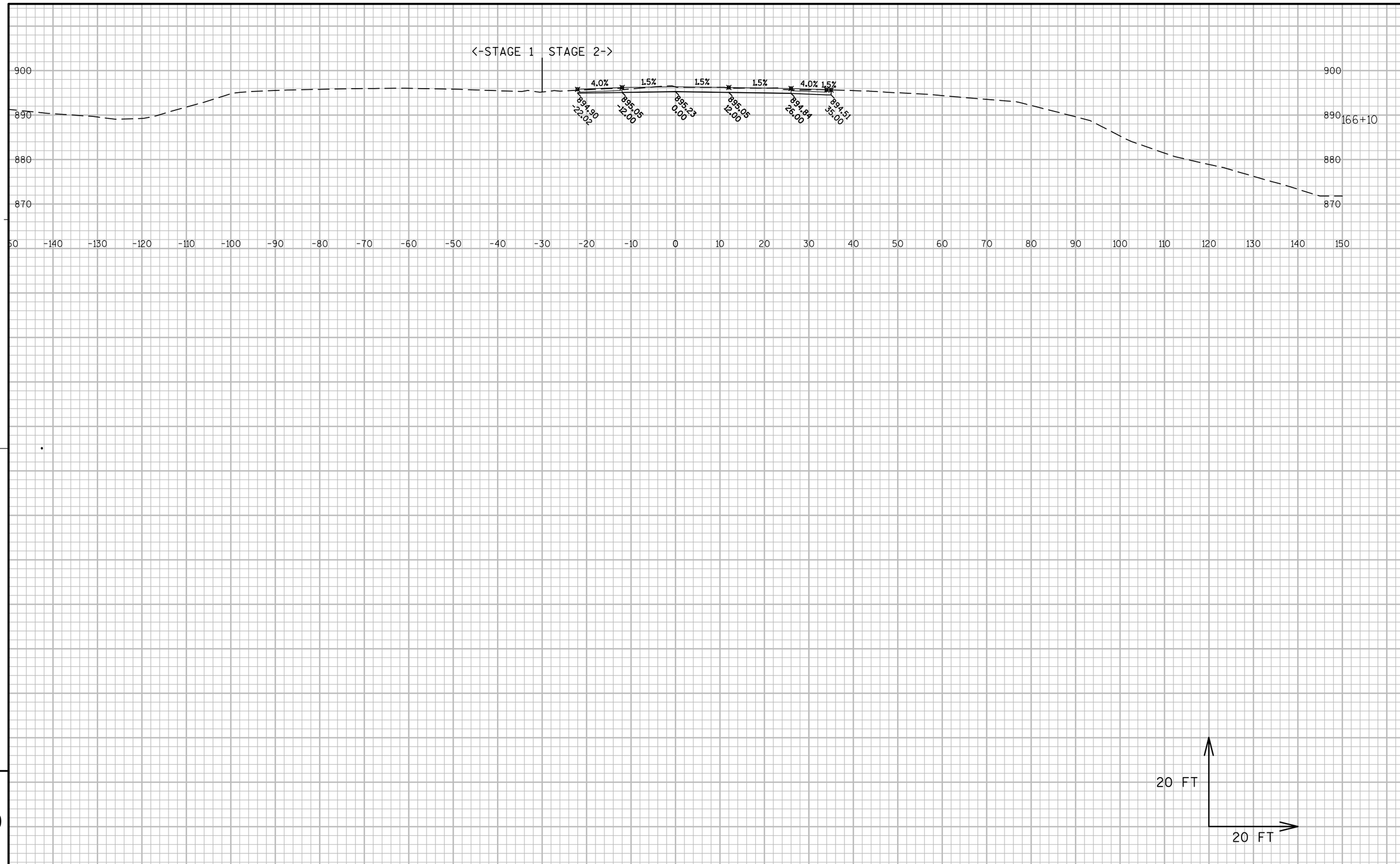
PROJECT NO:1010-02-78	HWY:IH 39	COUNTY:DANE	CROSS SECTIONS:IH 39	SHEET	E

FILE NAME : C:\PWV8I-LOCAL\BAKER_PROJECTS\DYLAN.DOUGLAS\D0290664\090201-XS.DWG
LAYOUT NAME - 090204-15

PLOT DATE : 1/22/2016 7:22 AM PLOT BY : DYLAN DOUGLAS PLOT NAME : PLOT SCALE : 1:20_XREF

WISDOT/CADDS SHEET 49



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PROJECT NO:1010-02-78	HWY:IH 39	COUNTY:DANE	CROSS SECTIONS:IH 39	SHEET	E

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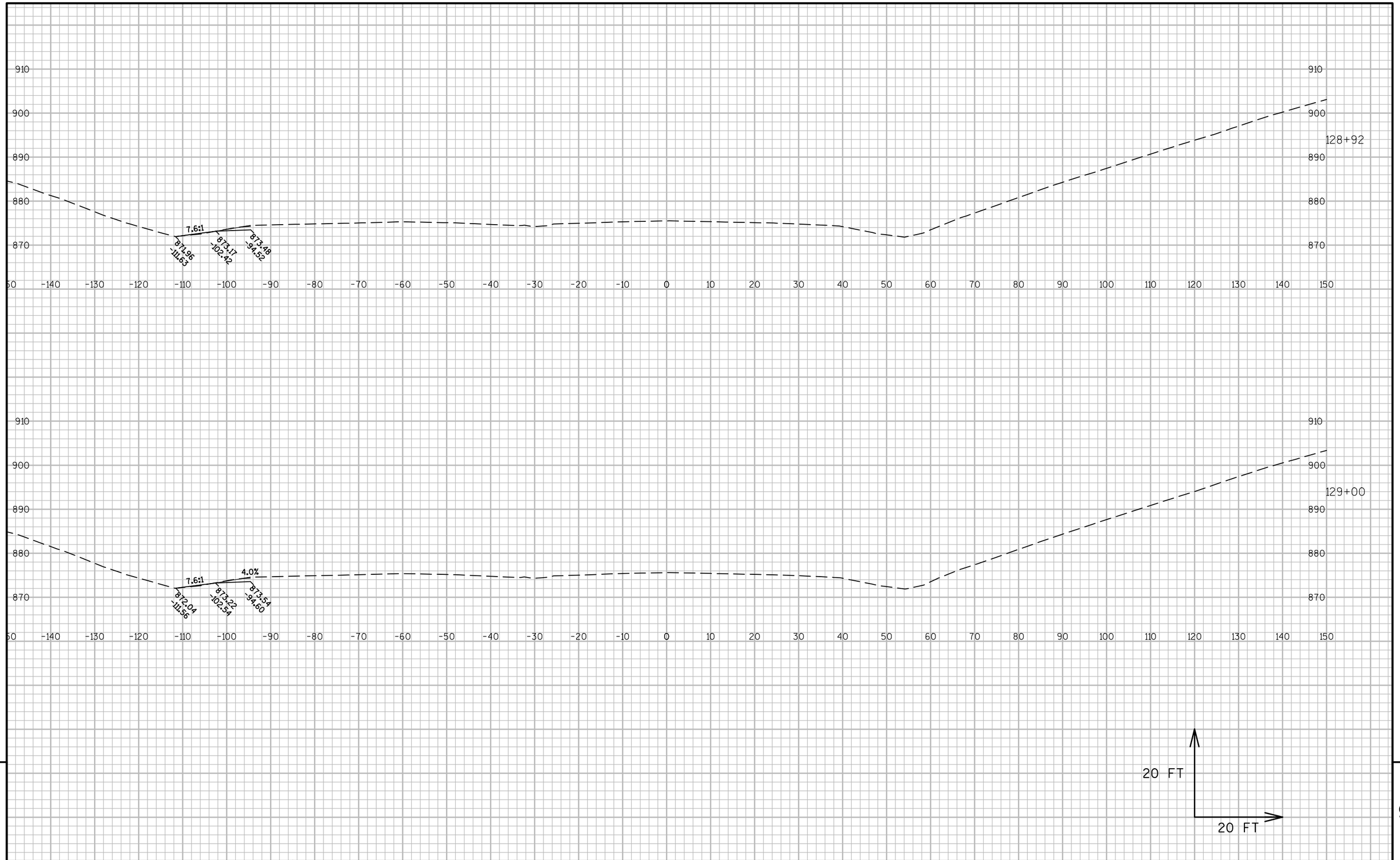
PLOT DATE : 1/22/2016 7:23 AM PLOT BY : DYLAN DOUGLAS PLOT NAME : PLOT SCALE : 1:20_XREF



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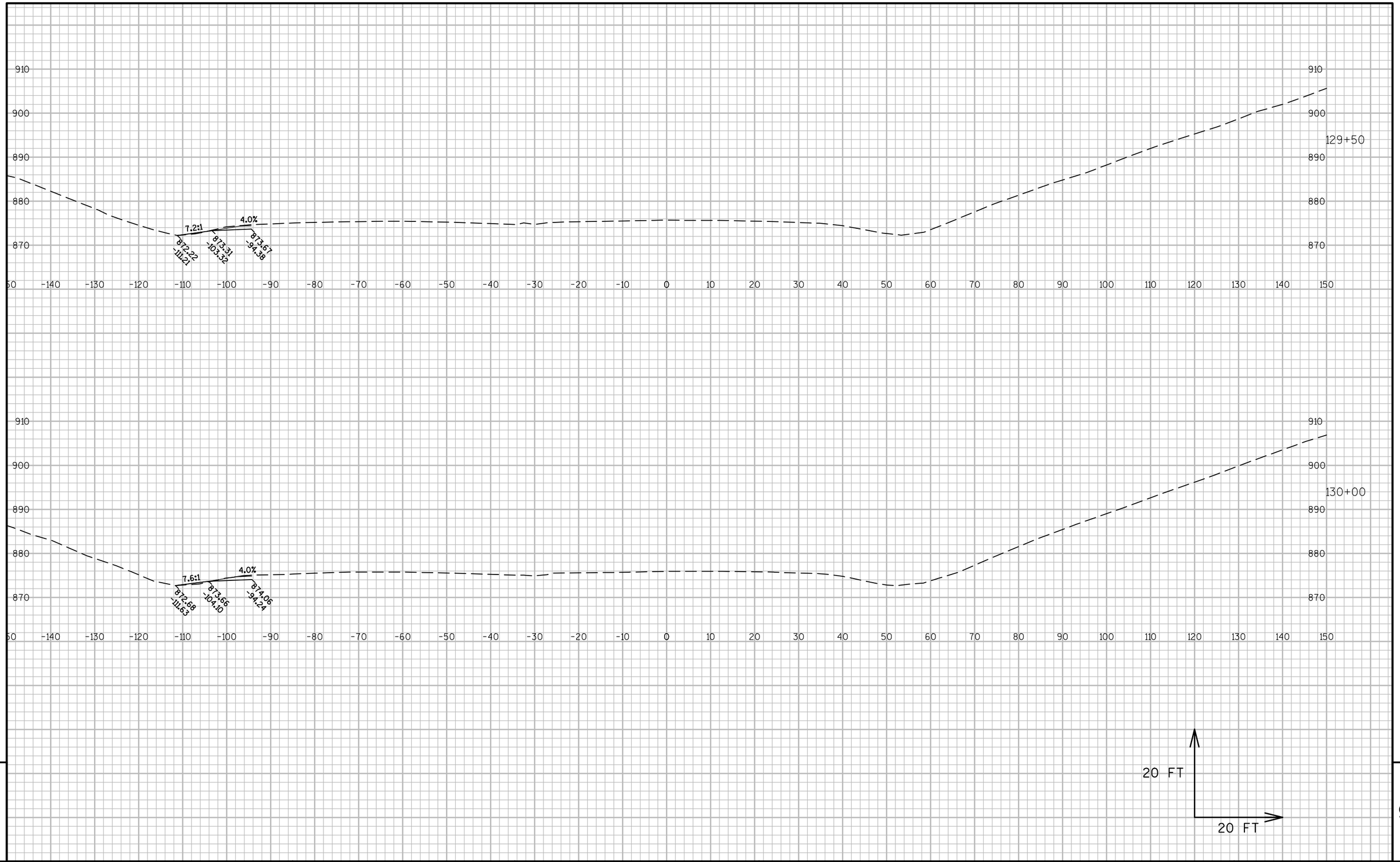
PROJECT NO:1010-02-78	HWY:IH 39	COUNTY:DANE	CROSS SECTIONS:IH 39 WEST CROSSOVER	SHEET	E

FILE NAME : C:\PWV8I-LOCAL\BAKER_PROJECTS\DYLAN.DOUGLAS\D0290664\090202-XS.DWG
LAYOUT NAME - WEST CROSSOVER - (1)
PLOT DATE : 1/22/2016 7:23 AM PLOT BY : DYLAN DOUGLAS PLOT NAME : PLOT SCALE : 1 IN:20 FT



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PROJECT NO:1010-02-78	HWY:IH 39	COUNTY:DANE	CROSS SECTIONS:IH 39 WEST CROSSOVER	SHEET	E

FILE NAME : C:\PWV8I-LOCAL\BAKER_PROJECTS\DYLAN.DOUGLAS\D0290664\090202-XS.DWG
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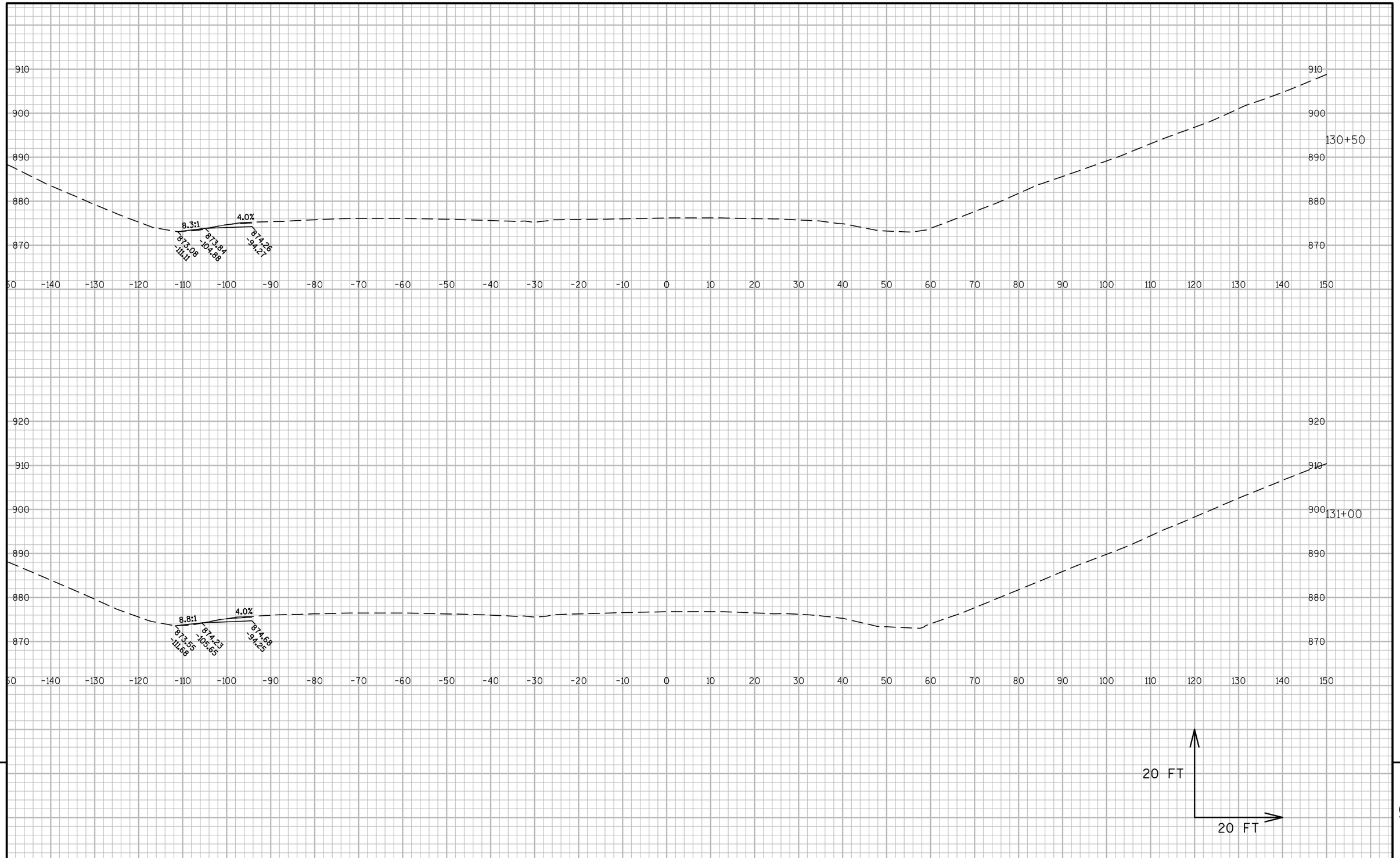
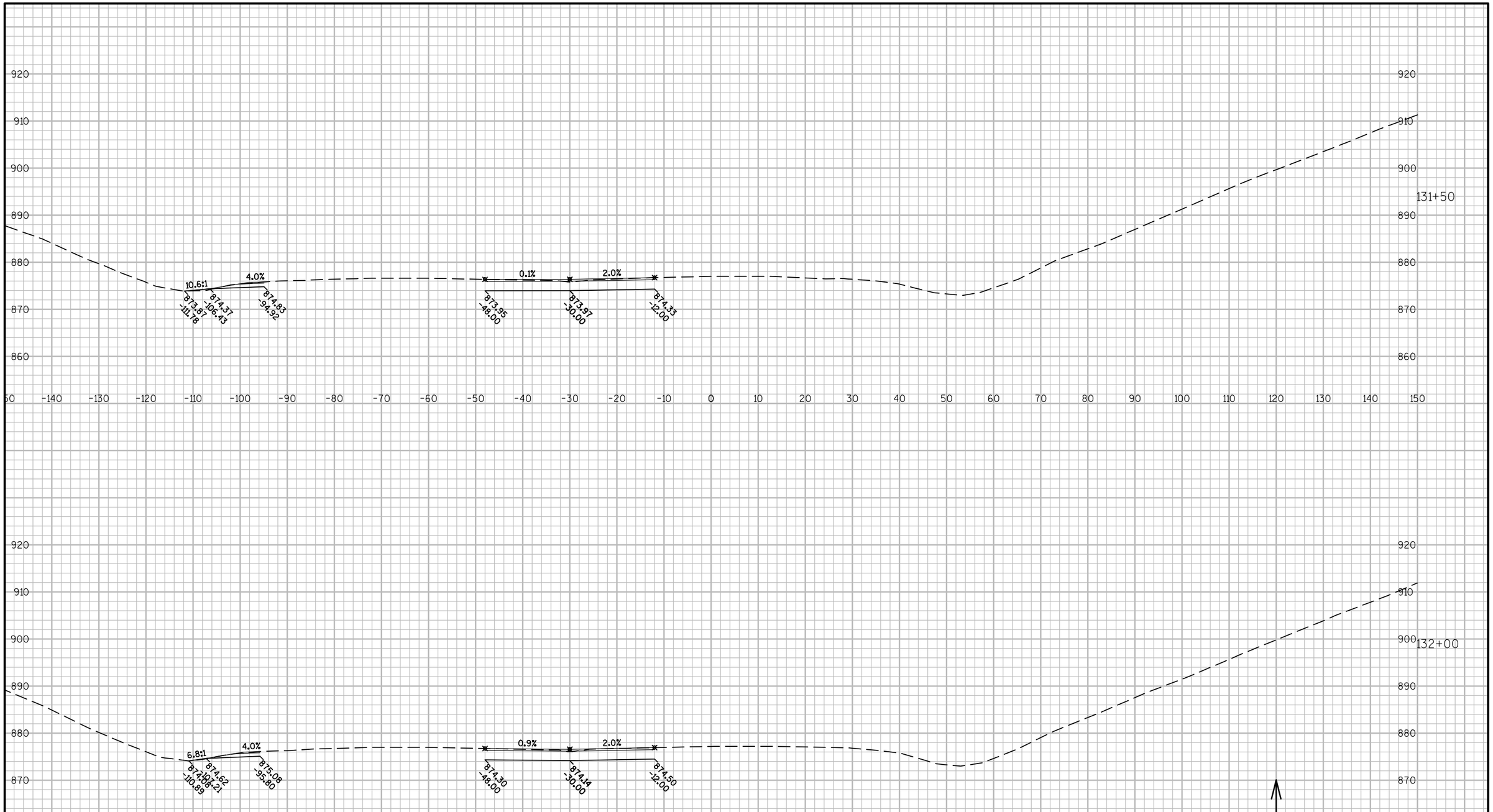
PLOT DATE : 1/22/2016 7:23 AM PLOT BY : DYLAN DOUGLAS PLOT NAME : PLOT SCALE : 1 IN:20 FT



PROJECT NO:1010-02-78	HWY:IH 39	COUNTY:DANE	CROSS SECTIONS:IH 39 WEST CROSSOVER	SHEET	E

FILE NAME : C:\PWV8I-LOCAL\BAKER_PROJECTS\DYLAN.DOUGLAS\D0290664\090202-XS.DWG
LAYOUT NAME - WEST CROSSOVER - (3)
PLOT DATE : 1/22/2016 7:23 AM PLOT BY : DYLAN DOUGLAS PLOT NAME : PLOT SCALE : 1 IN:20 FT



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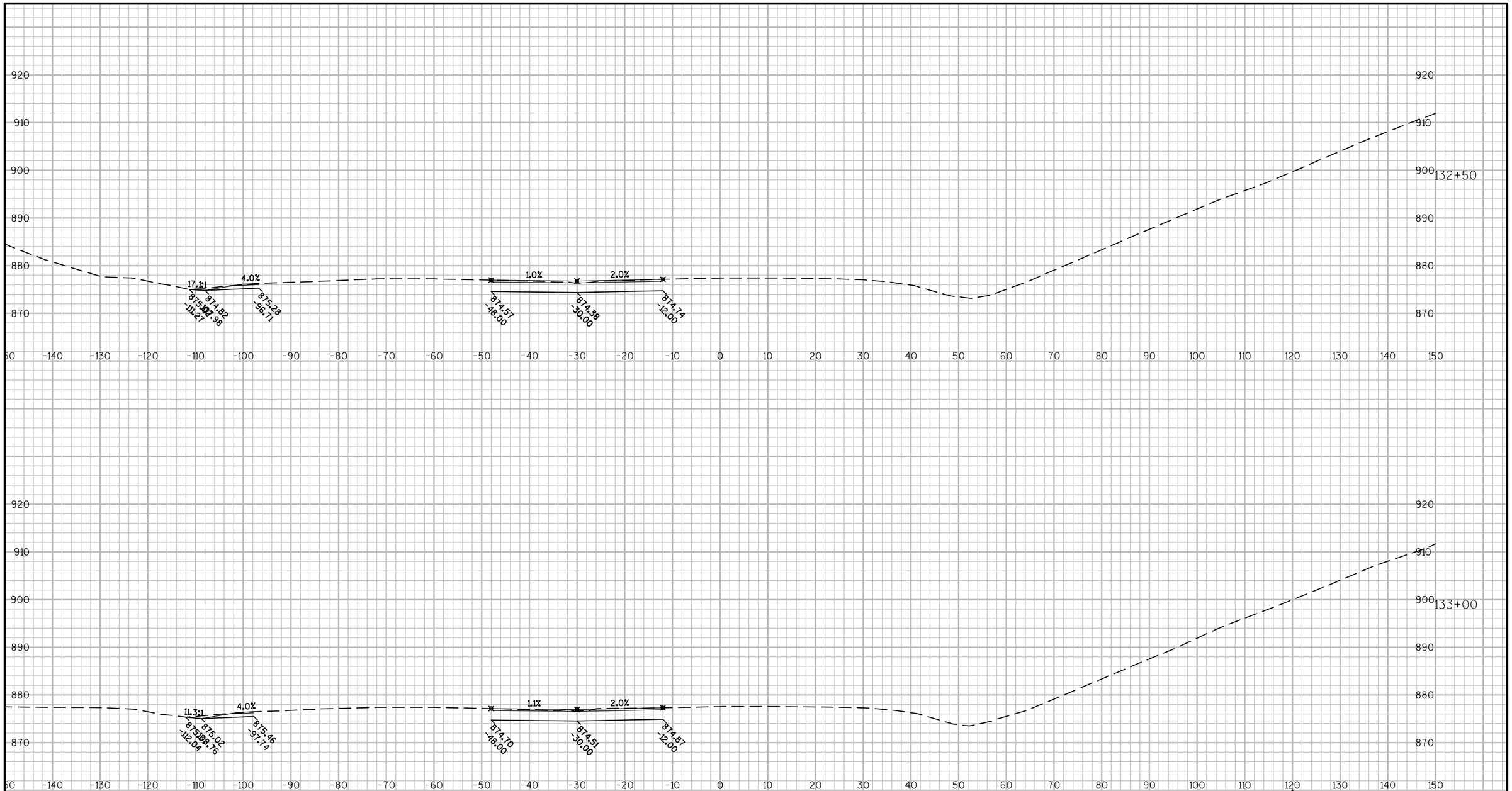
PROJECT NO:1010-02-78	HWY:IH 39	COUNTY:DANE	CROSS SECTIONS:IH 39 WEST CROSSOVER	SHEET	E

FILE NAME : C:\PWV8I-LOCAL\BAKER_PROJECTS\DYLAN.DOUGLAS\D0290664\090202-XS.DWG
LAYOUT NAME - WEST CROSSOVER - (4)
PLOT DATE : 1/22/2016 7:23 AM PLOT BY : DYLAN DOUGLAS PLOT NAME : PLOT SCALE : 1 IN:20 FT



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PROJECT NO:1010-02-78	HWY:IH 39	COUNTY:DANE	CROSS SECTIONS:IH 39 WEST CROSSOVER	SHEET	E

FILE NAME : C:\PWV8I-LOCAL\BAKER_PROJECTS\DYLAN.DOUGLAS\D0290664\090202-XS.DWG
LAYOUT NAME - WEST CROSSOVER - (5)
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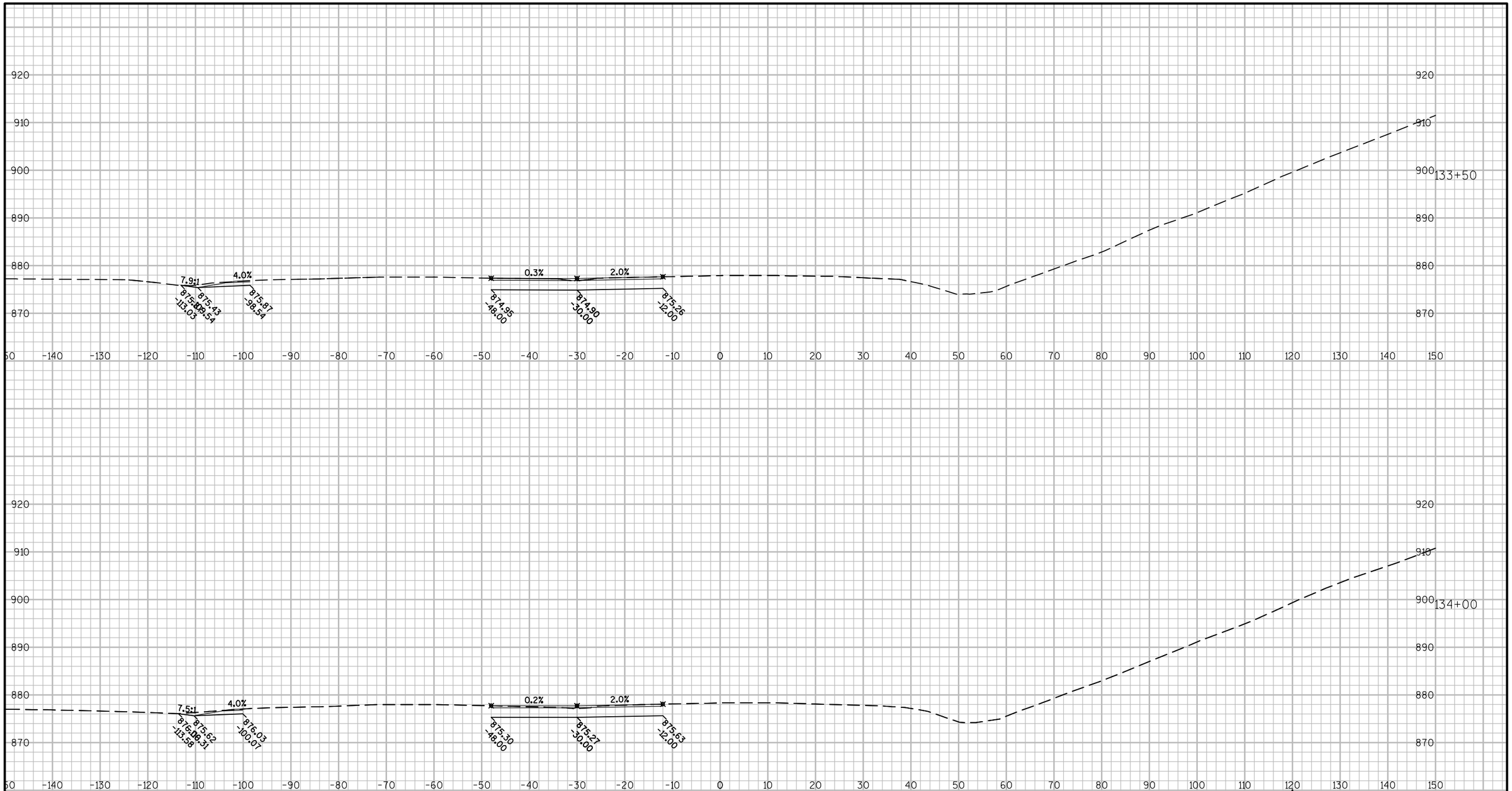

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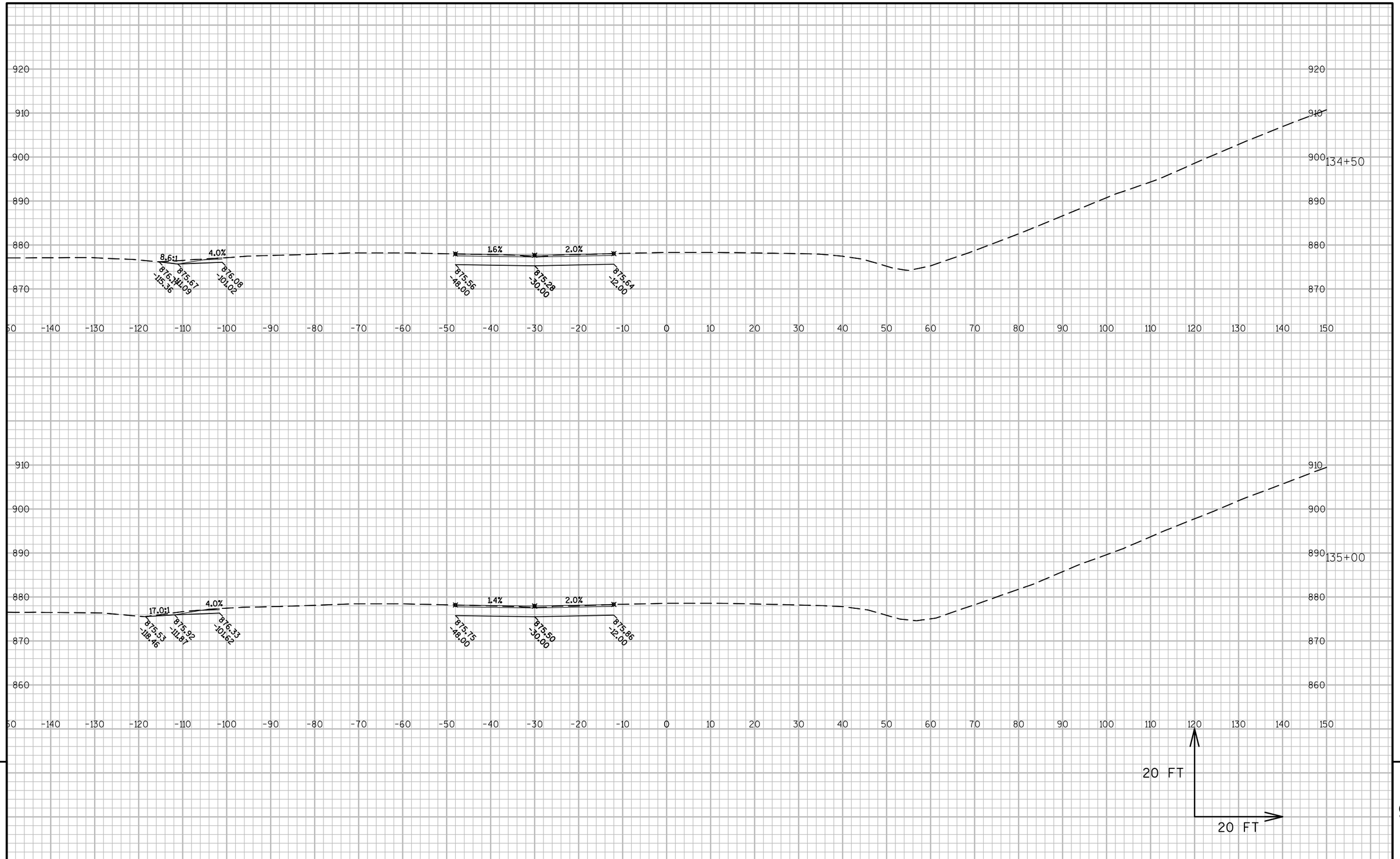
PROJECT NO:1010-02-78	HWY:IH 39	COUNTY:DANE	CROSS SECTIONS:IH 39 WEST CROSSOVER	SHEET	E

FILE NAME : C:\PWV8I-LOCAL\BAKER_PROJECTS\DYLAN.DOUGLAS\D0290664\090202-XS.DWG
LAYOUT NAME - WEST CROSSOVER - (6)
PLOT DATE : 1/22/2016 7:23 AM PLOT BY : DYLAN DOUGLAS PLOT NAME : PLOT SCALE : 1 IN:20 FT



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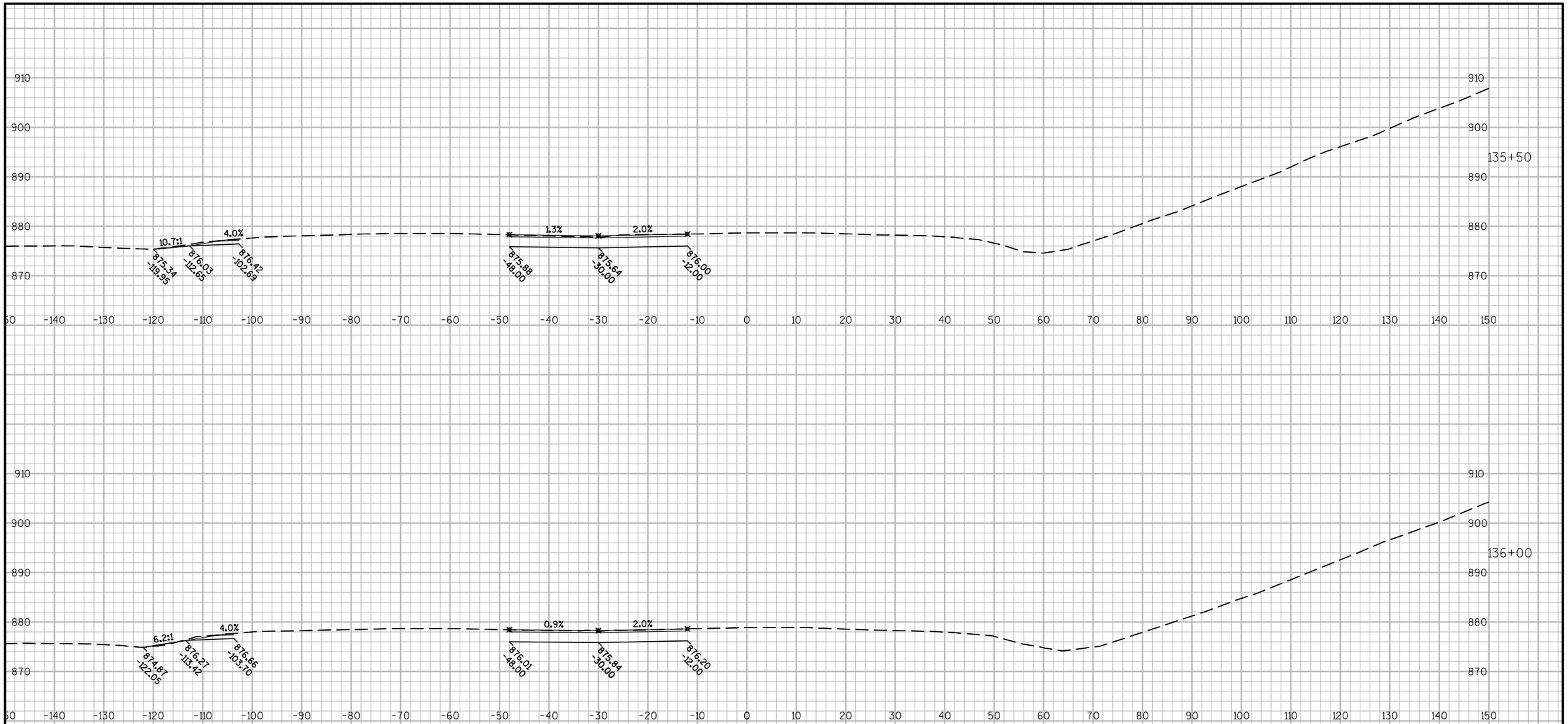
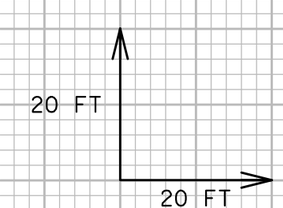
PROJECT NO:1010-02-78	HWY:IH 39	COUNTY:DANE	CROSS SECTIONS:IH 39 WEST CROSSOVER	SHEET	E

FILE NAME : C:\PWV8I-LOCAL\BAKER_PROJECTS\DYLAN.DOUGLAS\D0290664\090202-XS.DWG
LAYOUT NAME - WEST CROSSOVER - (7)
PLOT DATE : 1/22/2016 7:24 AM PLOT BY : DYLAN DOUGLAS PLOT NAME : PLOT SCALE : 1 IN:20 FT





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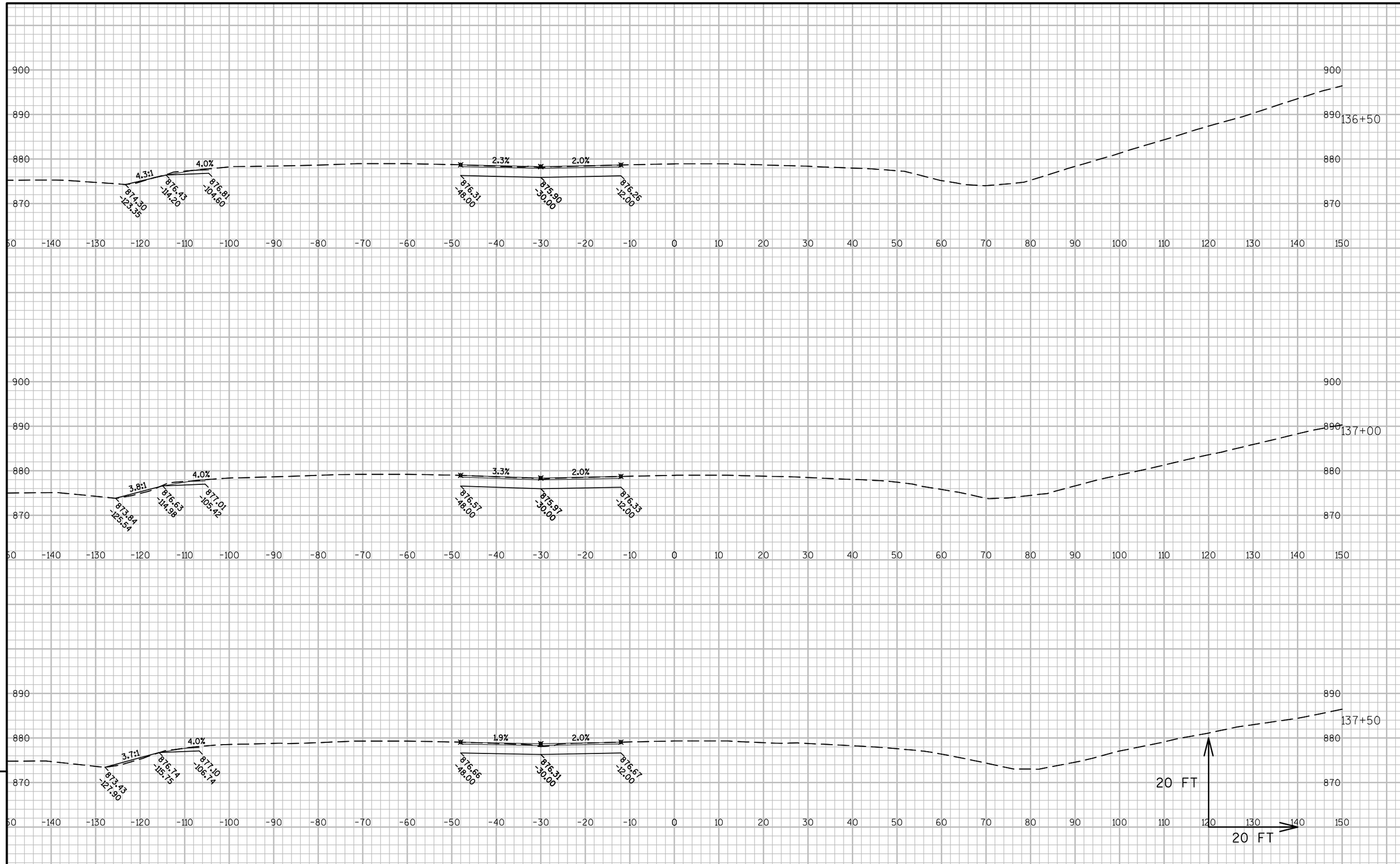
PROJECT NO:1010-02-78	HWY:IH 39	COUNTY:DANE	CROSS SECTIONS:IH 39 WEST CROSSOVER	SHEET	E

FILE NAME : C:\PWV8I-LOCAL\BAKER_PROJECTS\DYLAN.DOUGLAS\D0290664\090202-XS.DWG
LAYOUT NAME - WEST CROSSOVER - (8)
PLOT DATE : 1/22/2016 7:24 AM PLOT BY : DYLAN DOUGLAS PLOT NAME : PLOT SCALE : 1 IN:20 FT



PROJECT NO:1010-02-78	HWY:IH 39	COUNTY:DANE	CROSS SECTIONS:IH 39 WEST CROSSOVER	SHEET	E

FILE NAME : C:\PWV8I-LOCAL\BAKER_PROJECTS\DYLAN.DOUGLAS\D0290664\090202-XS.DWG
LAYOUT NAME - WEST CROSSOVER - (9)
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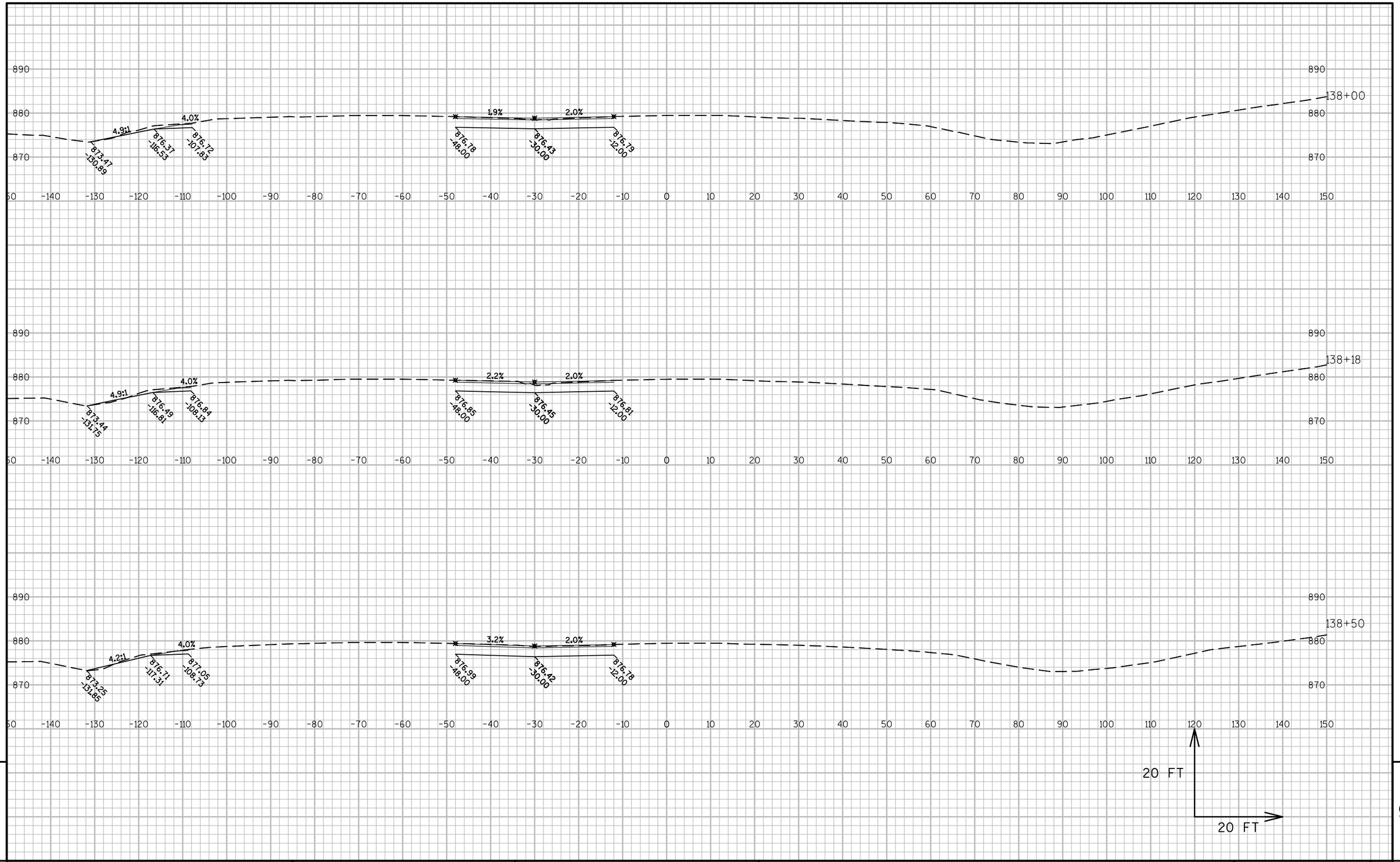

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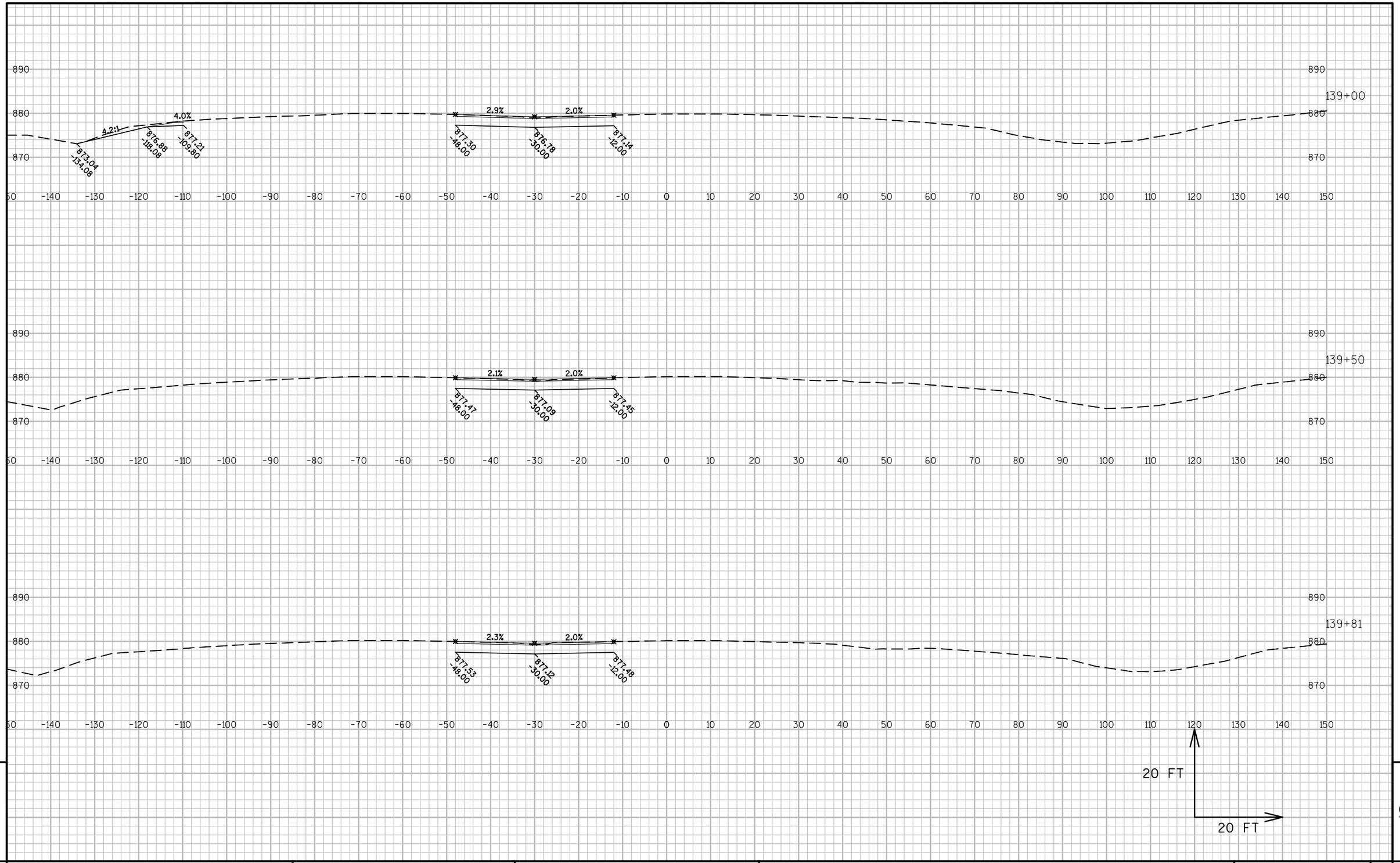
9

PROJECT NO:1010-02-78	HWY:IH 39	COUNTY:DANE	CROSS SECTIONS: IH 39 WEST CROSSOVER	SHEET	E

FILE NAME : C:\PWV8I-LOCAL\BAKER_PROJECTS\DYLAN.DOUGLAS\D0290664\090202-XS.DWG
LAYOUT NAME - WEST CROSSOVER - (10)

PLOT DATE : 1/22/2016 7:24 AM PLOT BY : DYLAN DOUGLAS PLOT NAME : PLOT SCALE : 1 IN:20 FT



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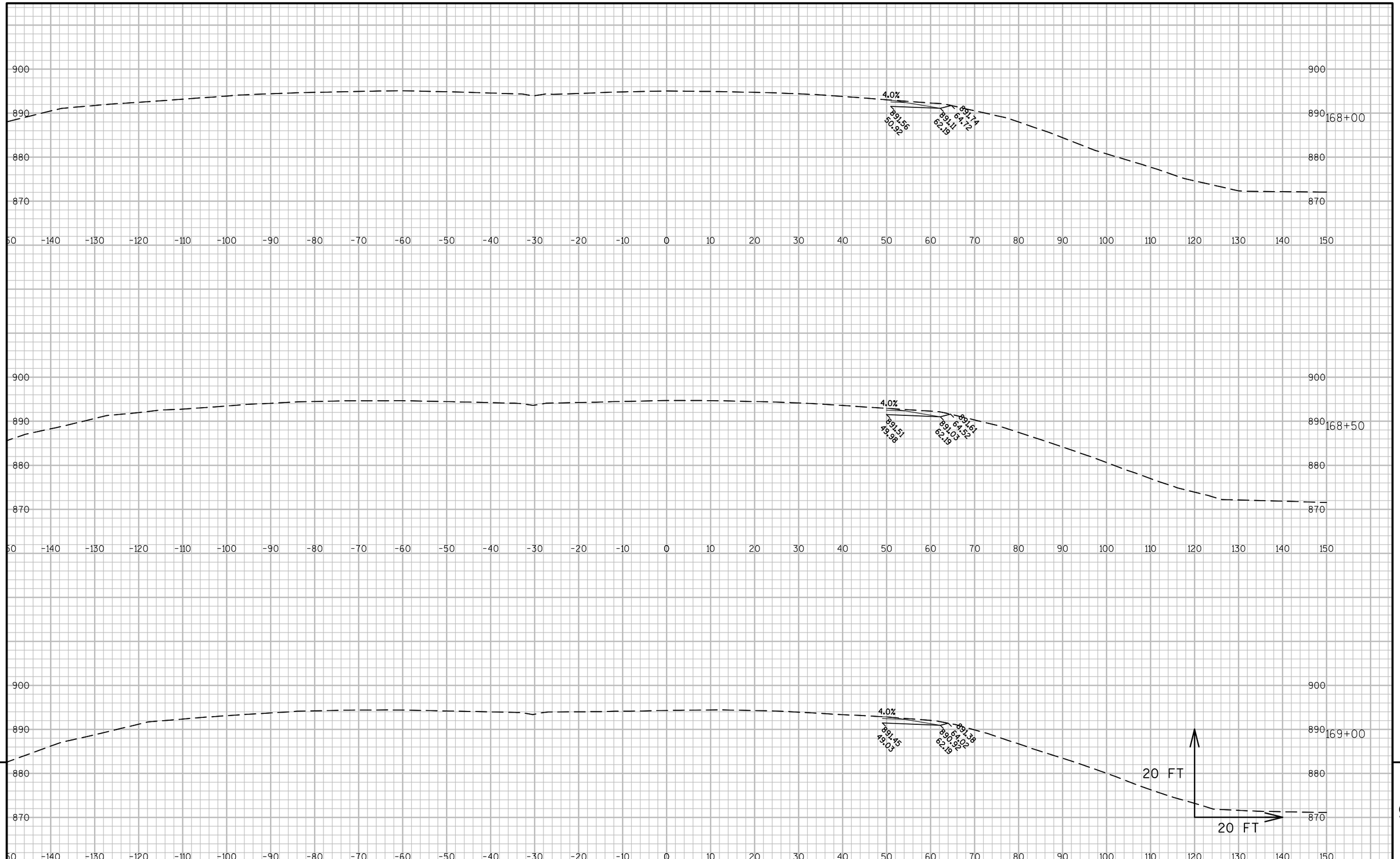
PROJECT NO:1010-02-78	HWY:IH 39	COUNTY:DANE	CROSS SECTIONS:IH 39 WEST CROSSOVER	SHEET	E

FILE NAME : C:\PWV8I-LOCAL\BAKER_PROJECTS\DYLAN.DOUGLAS\D0290664\090202-XS.DWG
LAYOUT NAME - WEST CROSSOVER - (11)

PLOT DATE : 1/22/2016 7:24 AM PLOT BY : DYLAN DOUGLAS PLOT NAME : PLOT SCALE : 1 IN:20 FT



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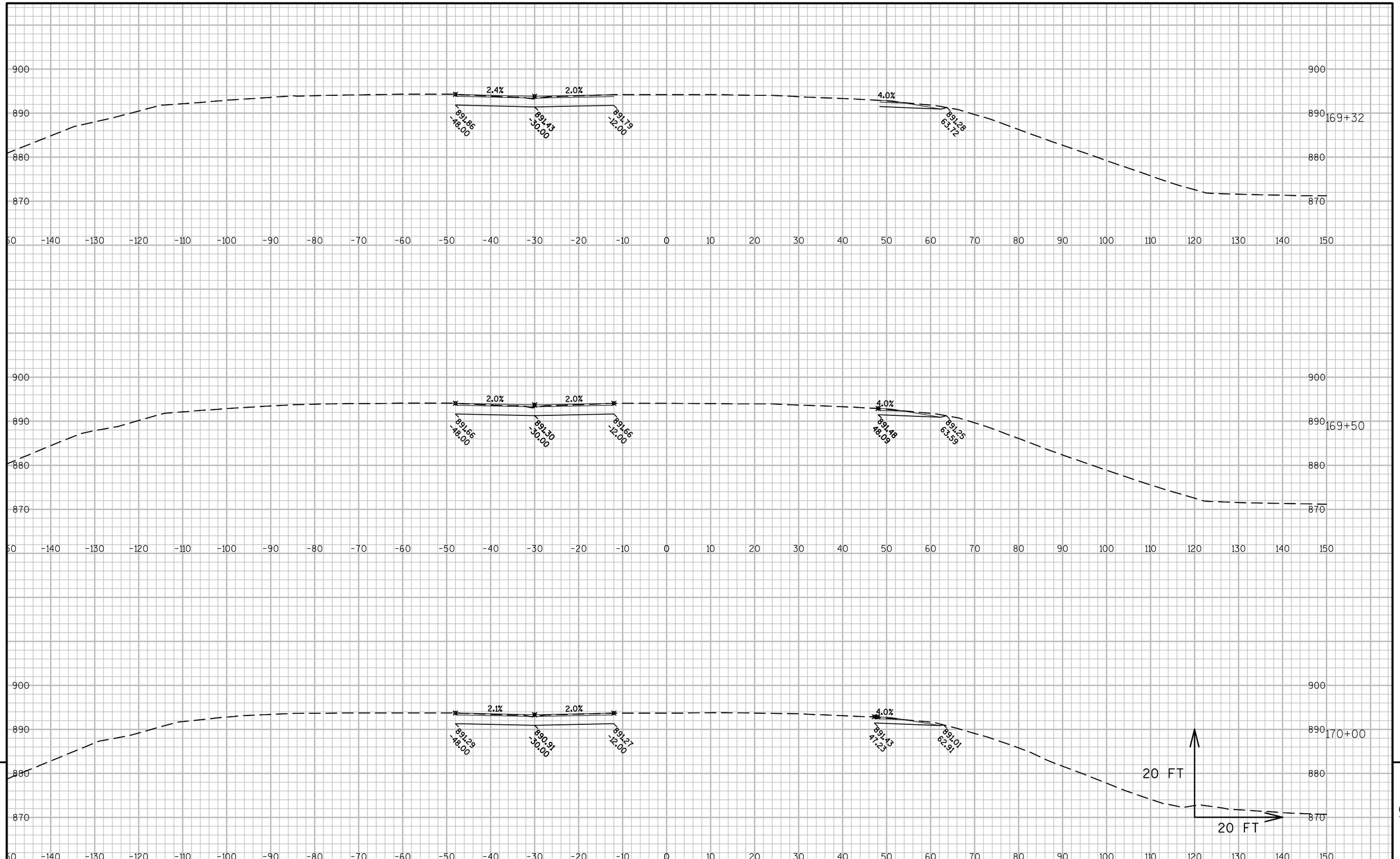
PROJECT NO:1010-02-78	HWY:IH 39	COUNTY:DANE	CROSS SECTIONS:IH 39 EAST CROSSOVER	SHEET	E

FILE NAME : C:\PWV8I-LOCAL\BAKER_PROJECTS\DYLAN.DOUGLAS\D0290664\090202-XS.DWG
LAYOUT NAME - EAST CROSSOVER - (1)
PLOT DATE : 1/22/2016 7:24 AM PLOT BY : DYLAN DOUGLAS PLOT NAME : PLOT SCALE : 1 IN:20 FT



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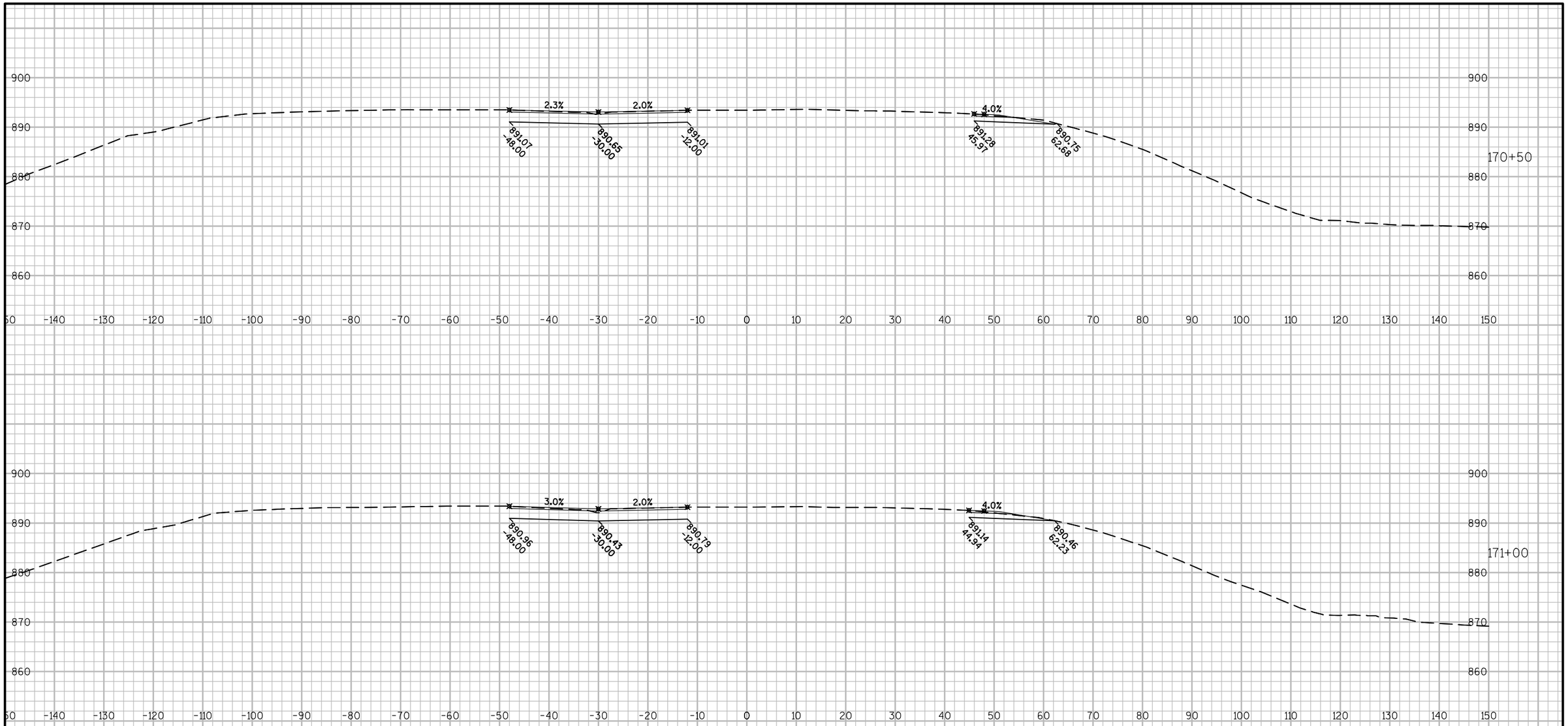
PROJECT NO:1010-02-78	HWY:IH 39	COUNTY:DANE	CROSS SECTIONS:IH 39 EAST CROSSOVER	SHEET	E

FILE NAME : C:\PWV8I-LOCAL\BAKER_PROJECTS\DYLAN.DOUGLAS\D0290664\090202-XS.DWG
LAYOUT NAME - EAST CROSSOVER - (2)
PLOT DATE : 1/22/2016 7:24 AM PLOT BY : DYLAN DOUGLAS PLOT NAME : PLOT SCALE : 1 IN:20 FT



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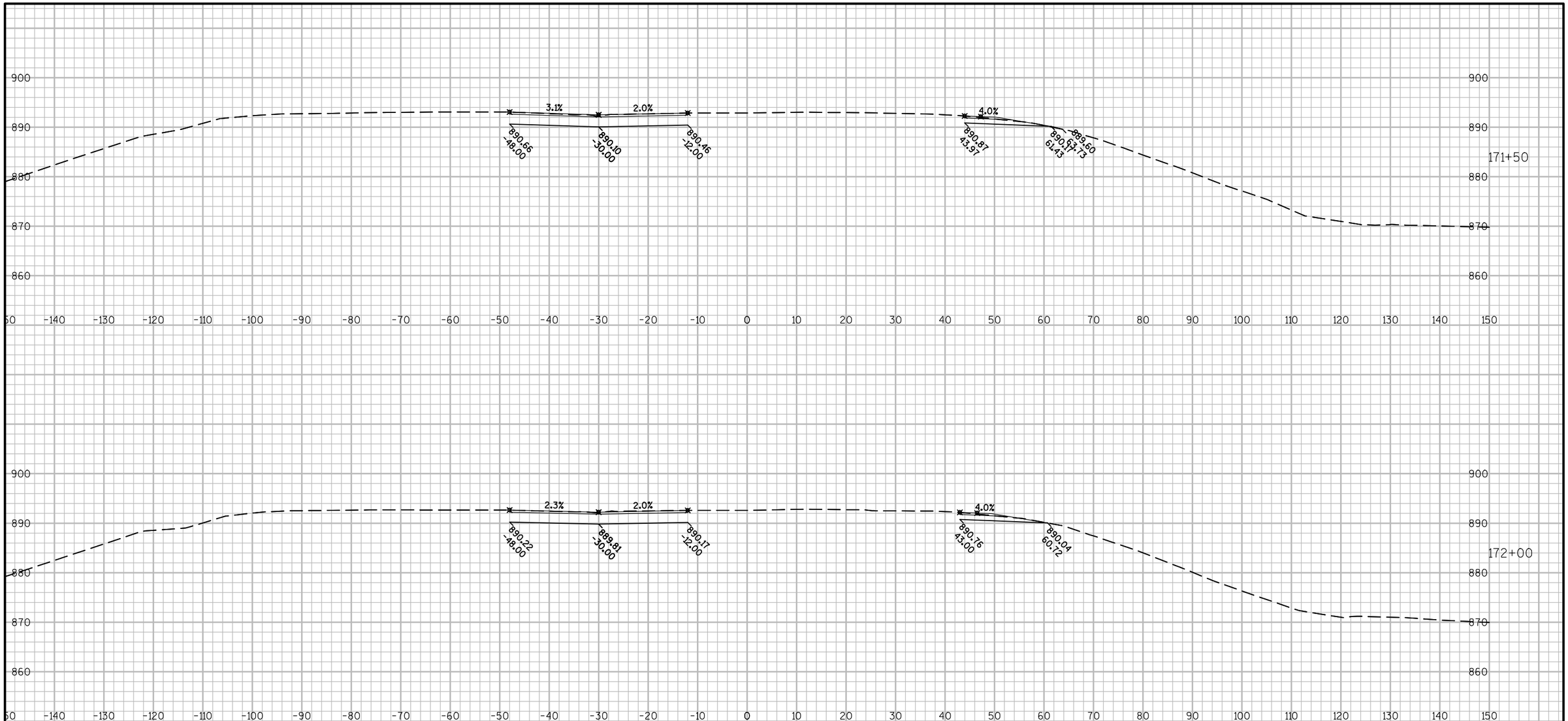
PROJECT NO:1010-02-78	HWY:IH 39	COUNTY:DANE	CROSS SECTIONS:IH 39 EAST CROSSOVER	SHEET	E

FILE NAME : C:\PWV8I-LOCAL\BAKER_PROJECTS\DYLAN.DOUGLAS\D0290664\090202-XS.DWG
LAYOUT NAME - EAST CROSSOVER - (3)
PLOT DATE : 1/22/2016 7:24 AM PLOT BY : DYLAN DOUGLAS PLOT NAME : PLOT SCALE : 1 IN:20 FT



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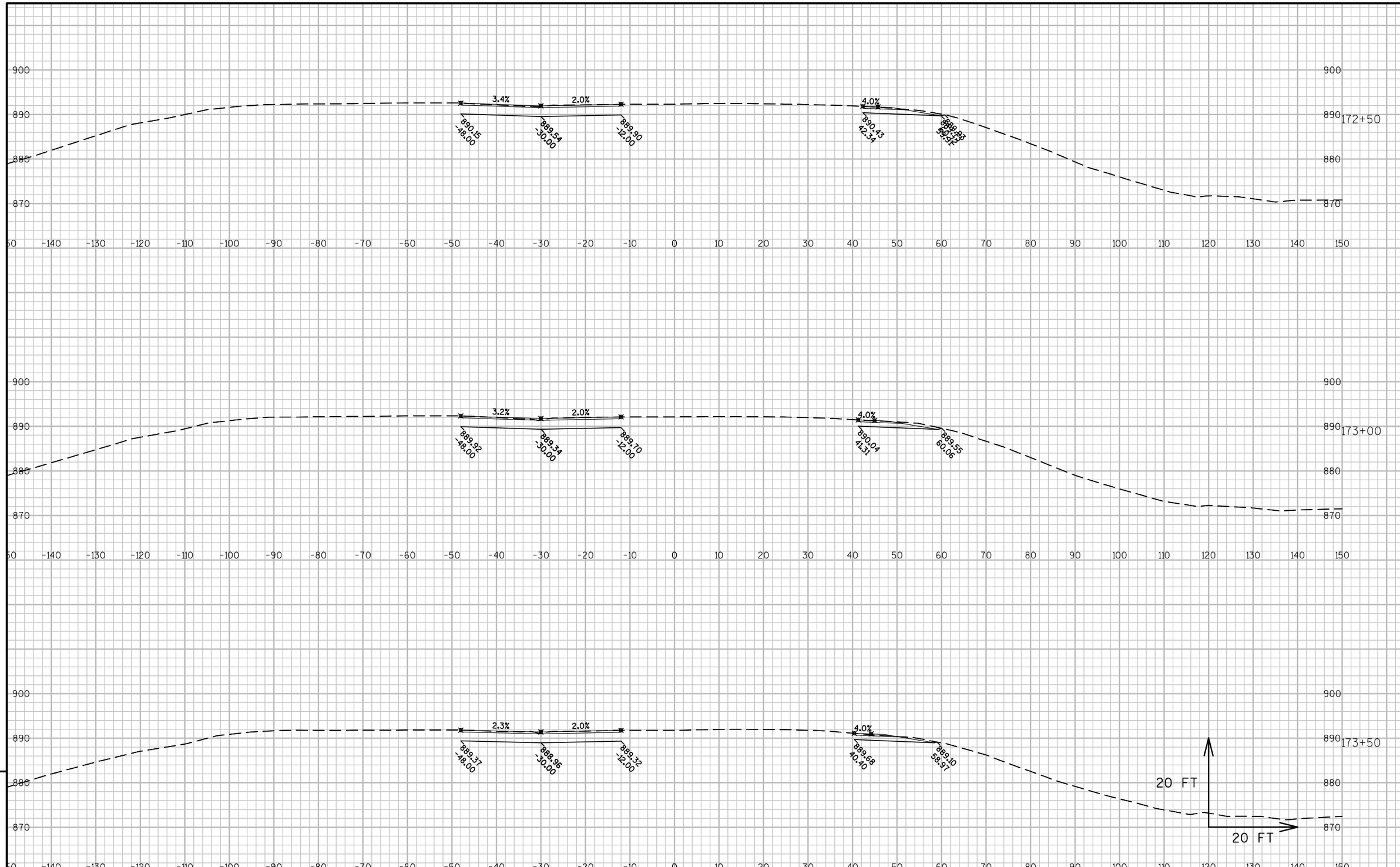
PROJECT NO:1010-02-78	HWY:IH 39	COUNTY:DANE	CROSS SECTIONS:IH 39 EAST CROSSOVER	SHEET	E

FILE NAME : C:\PWV8I-LOCAL\BAKER_PROJECTS\DYLAN.DOUGLAS\D0290664\090202-XS.DWG
LAYOUT NAME - EAST CROSSOVER - (4)
PLOT DATE : 1/22/2016 7:24 AM PLOT BY : DYLAN DOUGLAS PLOT NAME : PLOT SCALE : 1 IN:20 FT



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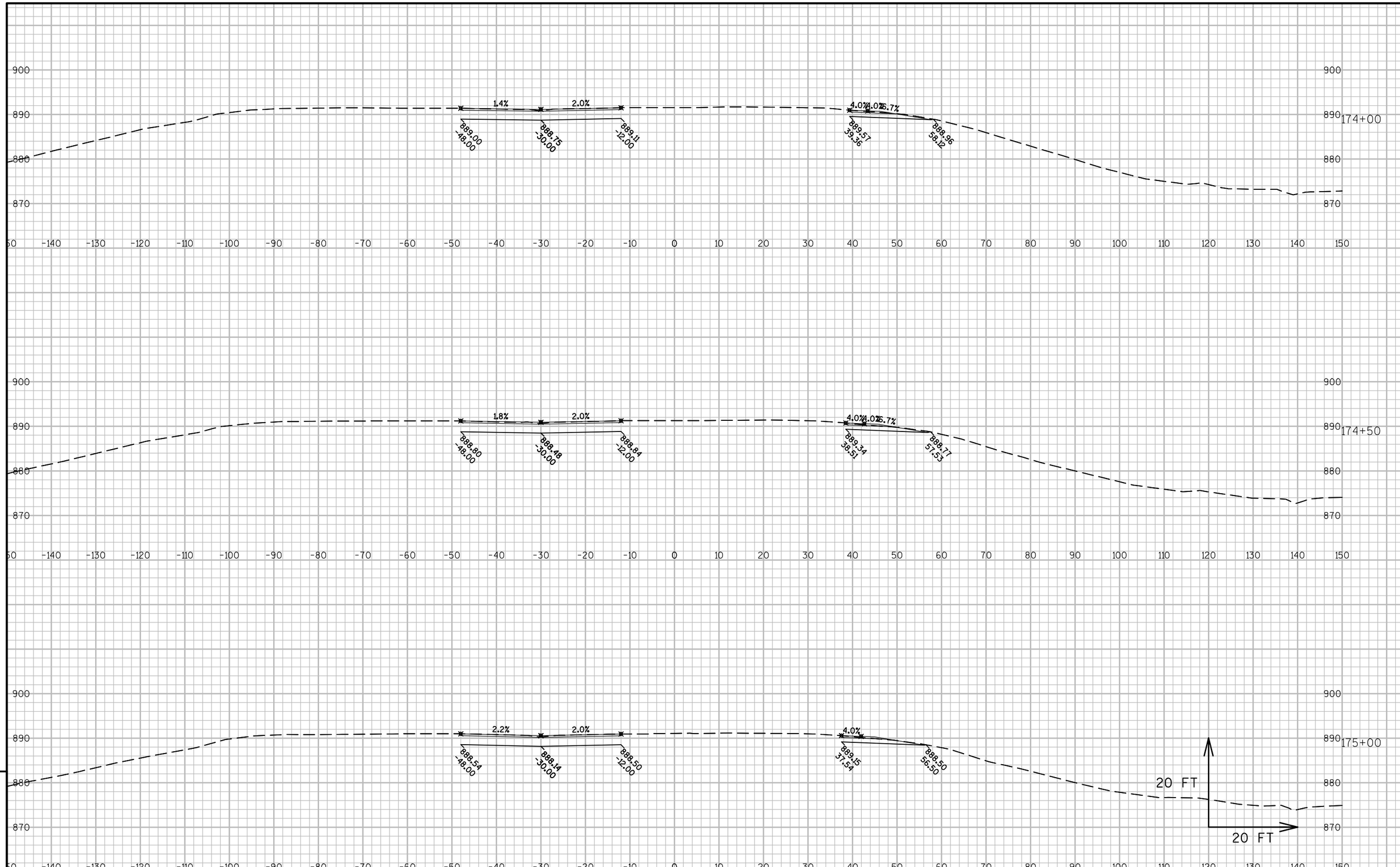
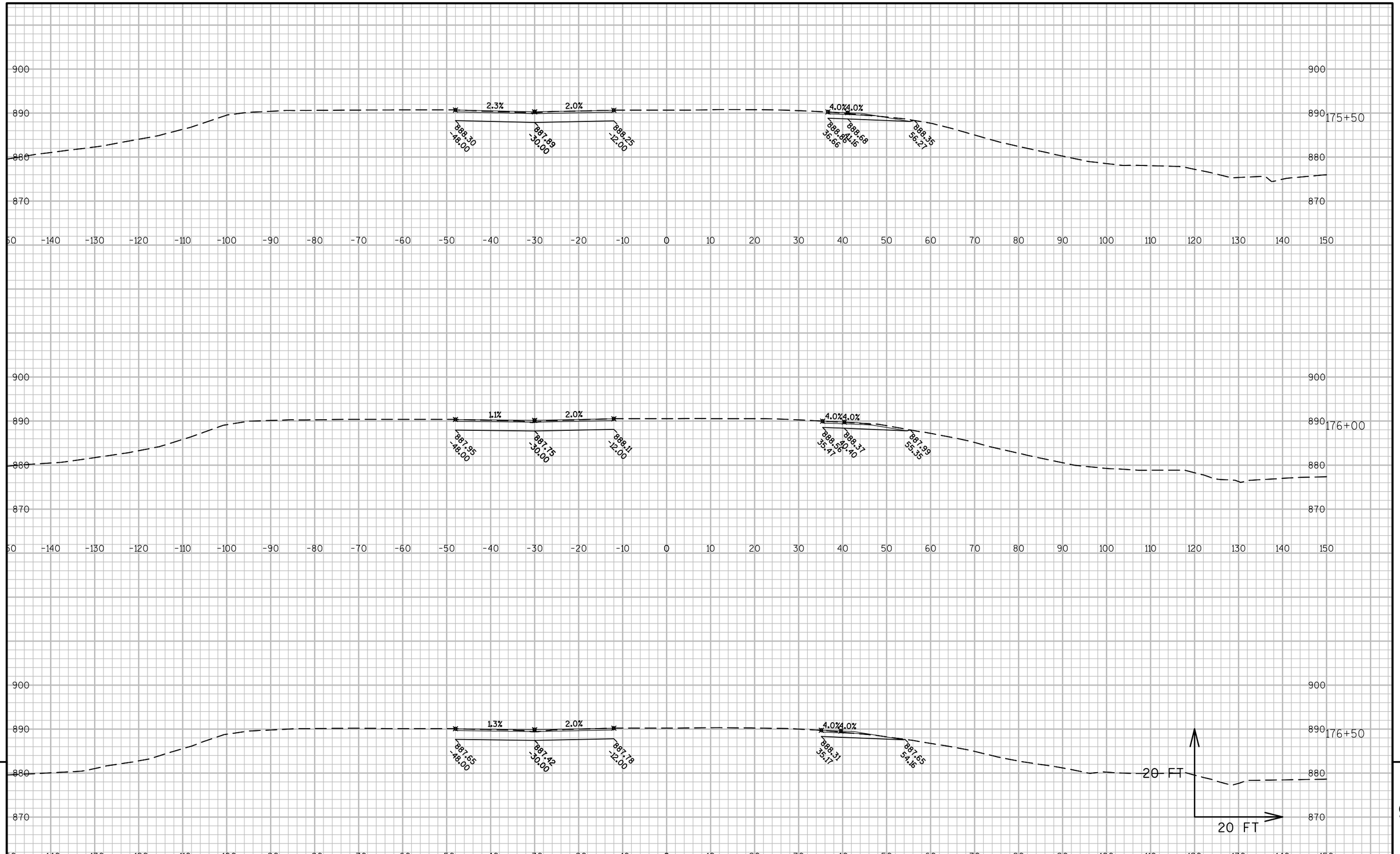
PROJECT NO:1010-02-78	HWY:IH 39	COUNTY:DANE	CROSS SECTIONS:IH 39 EAST CROSSOVER	SHEET	E

FILE NAME : C:\PWV8I-LOCAL\BAKER_PROJECTS\DYLAN.DOUGLAS\D0290664\090202-XS.DWG
LAYOUT NAME - EAST CROSSOVER - (5)
PLOT DATE : 1/22/2016 7:24 AM PLOT BY : DYLAN DOUGLAS PLOT NAME : PLOT SCALE : 1 IN:20 FT



PROJECT NO:1010-02-78	HWY:IH 39	COUNTY:DANE	CROSS SECTIONS:IH 39 EAST CROSSOVER	SHEET	E

FILE NAME : C:\PWV8I-LOCAL\BAKER_PROJECTS\DYLAN.DOUGLAS\D0290664\090202-XS.DWG
LAYOUT NAME - EAST CROSSOVER - (6)
PLOT DATE : 1/22/2016 7:24 AM PLOT BY : DYLAN DOUGLAS PLOT NAME : PLOT SCALE : 1 IN:20 FT



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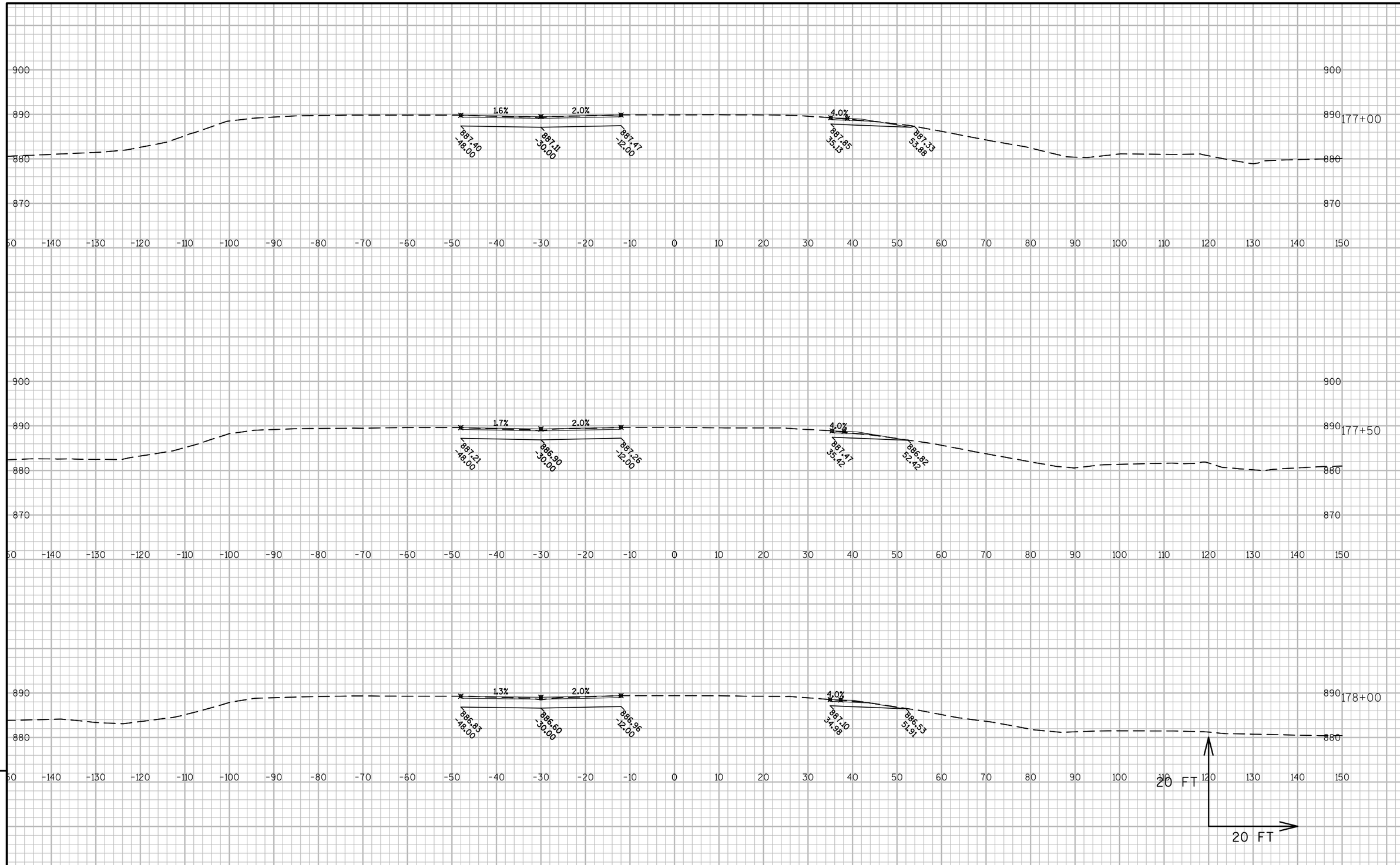
PROJECT NO:1010-02-78	HWY:IH 39	COUNTY:DANE	CROSS SECTIONS: IH 39 EAST CROSSOVER	SHEET	E

FILE NAME : C:\PWV8I-LOCAL\BAKER_PROJECTS\DYLAN.DOUGLAS\D0290664\090202-XS.DWG
LAYOUT NAME - EAST CROSSOVER - (7)

PLOT DATE : 1/22/2016 7:24 AM PLOT BY : DYLAN DOUGLAS PLOT NAME : PLOT SCALE : 1 IN:20 FT



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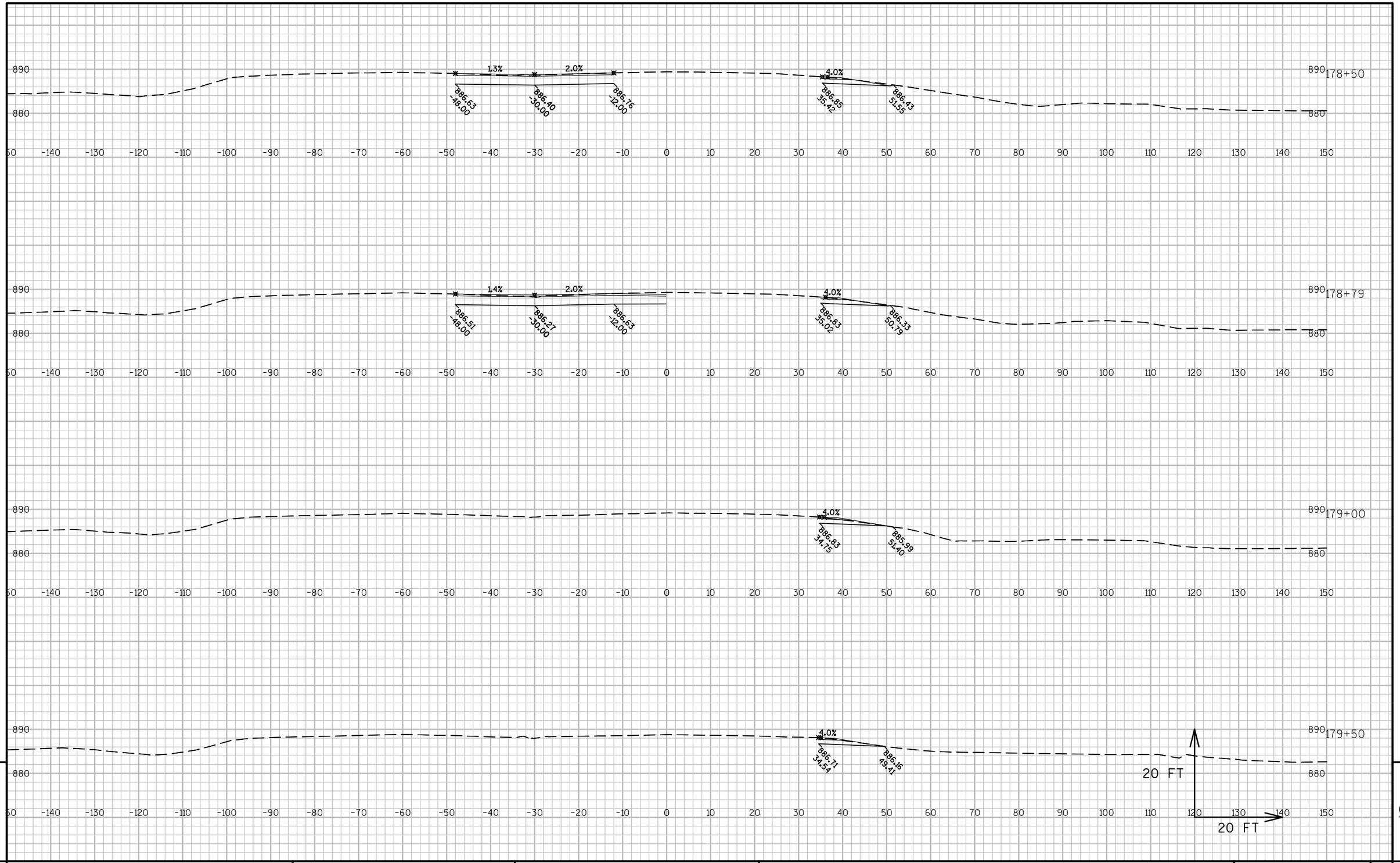
PROJECT NO:1010-02-78	HWY:IH 39	COUNTY:DANE	CROSS SECTIONS:IH 39 EAST CROSSOVER	SHEET	E

FILE NAME : C:\PWV8I-LOCAL\BAKER_PROJECTS\DYLAN.DOUGLAS\D0290664\090202-XS.DWG
LAYOUT NAME - EAST CROSSOVER - (8)
PLOT DATE : 1/22/2016 7:24 AM PLOT BY : DYLAN DOUGLAS PLOT NAME : PLOT SCALE : 1 IN:20 FT



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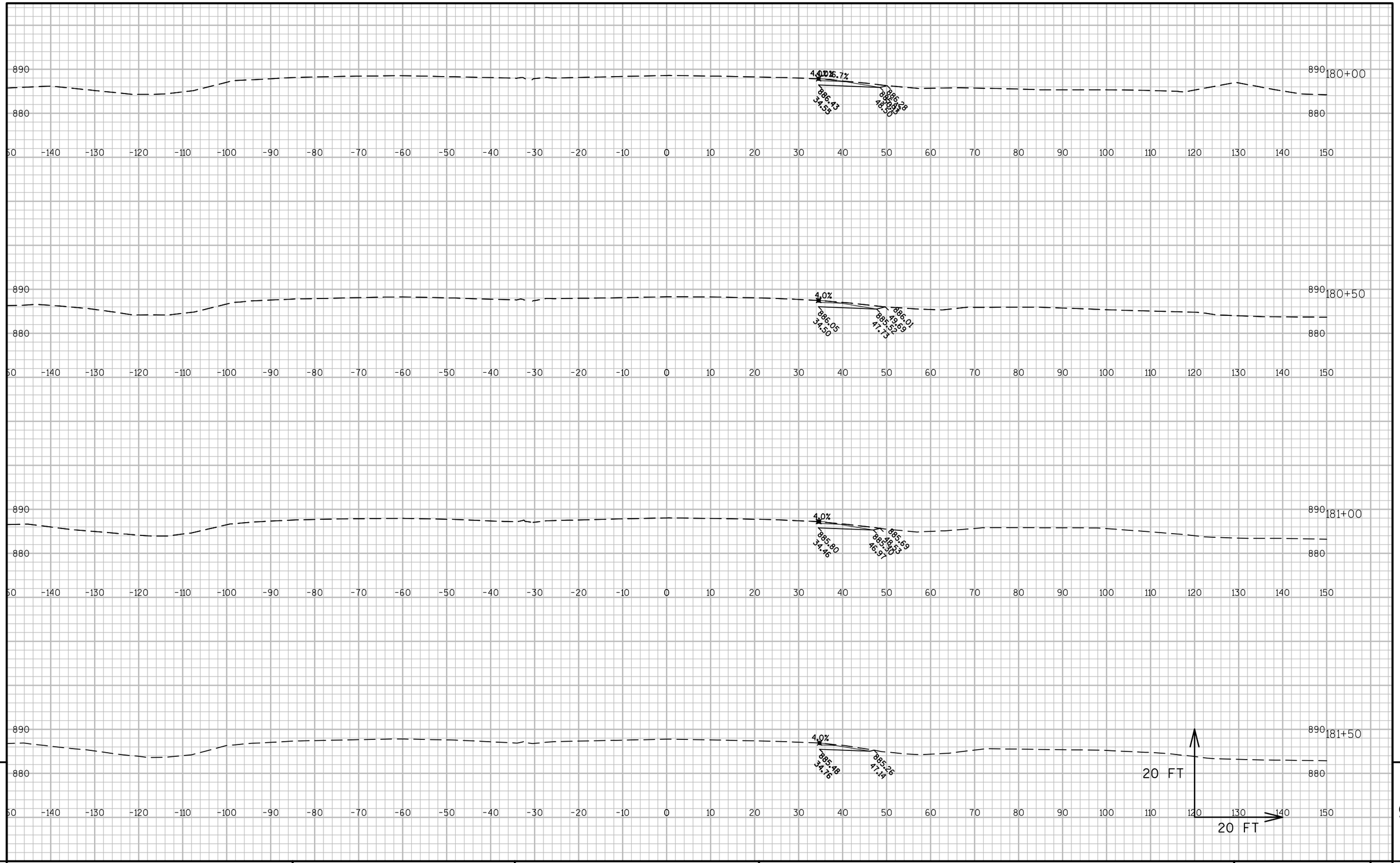
PROJECT NO:1010-02-78	HWY:IH 39	COUNTY:DANE	CROSS SECTIONS: IH 39 EAST CROSSOVER	SHEET	E

FILE NAME : C:\PWV8I-LOCAL\BAKER_PROJECTS\DYLAN.DOUGLAS\D0290664\090202-XS.DWG
LAYOUT NAME - EAST CROSSOVER - (9)

PLOT DATE : 1/22/2016 7:24 AM PLOT BY : DYLAN DOUGLAS PLOT NAME : PLOT SCALE : 1 IN:20 FT



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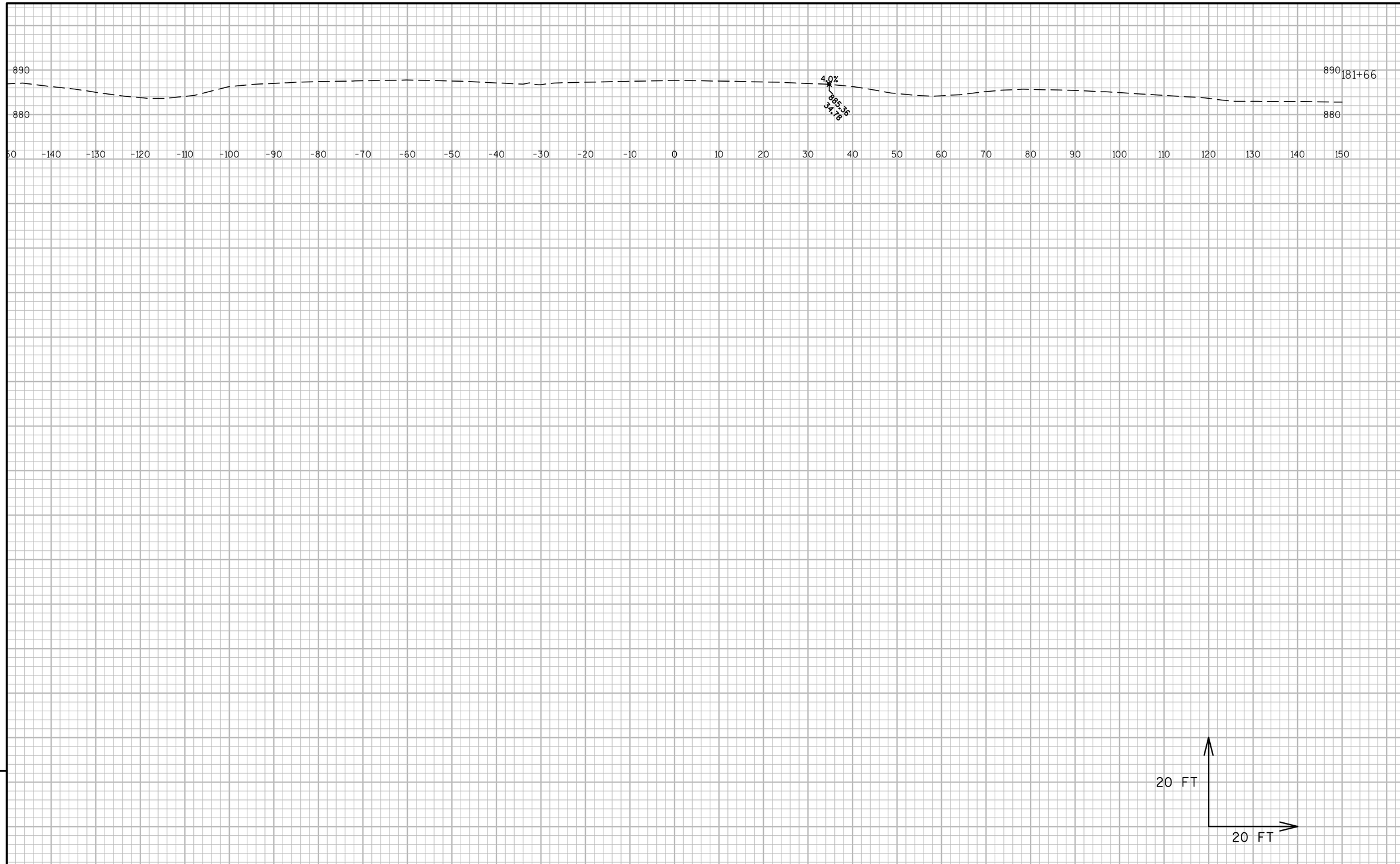
PROJECT NO:1010-02-78	HWY:IH 39	COUNTY:DANE	CROSS SECTIONS: IH 39 EAST CROSSOVER	SHEET	E

FILE NAME : C:\PWV8I-LOCAL\BAKER_PROJECTS\DYLAN.DOUGLAS\D0290664\090202-XS.DWG
LAYOUT NAME - EAST CROSSOVER - (10)

PLOT DATE : 1/22/2016 7:24 AM PLOT BY : DYLAN DOUGLAS PLOT NAME : PLOT SCALE : 1 IN:20 FT



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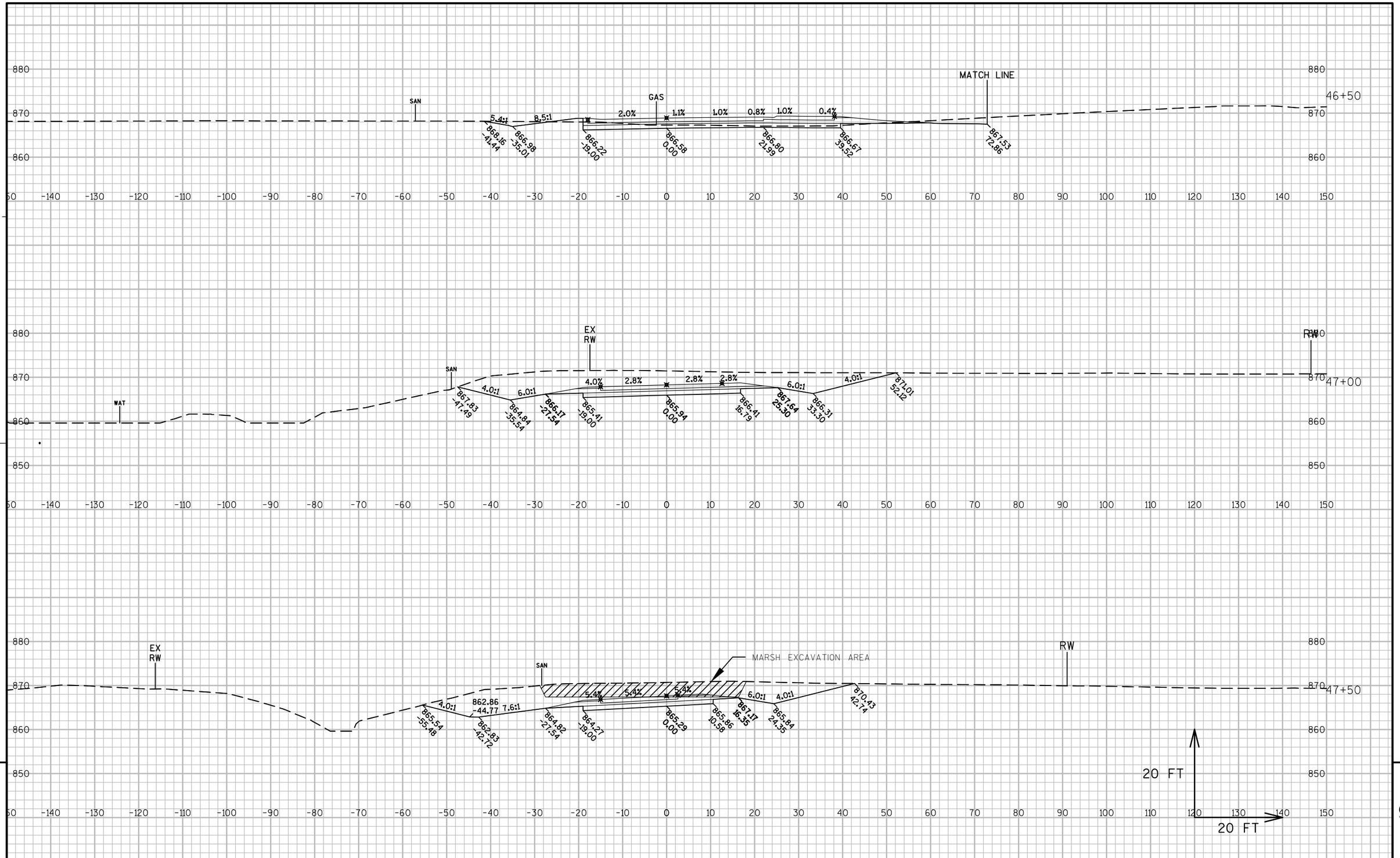
PROJECT NO:1010-02-78	HWY:IH 39	COUNTY:DANE	CROSS SECTIONS:IH 39 EAST CROSSOVER	SHEET	E

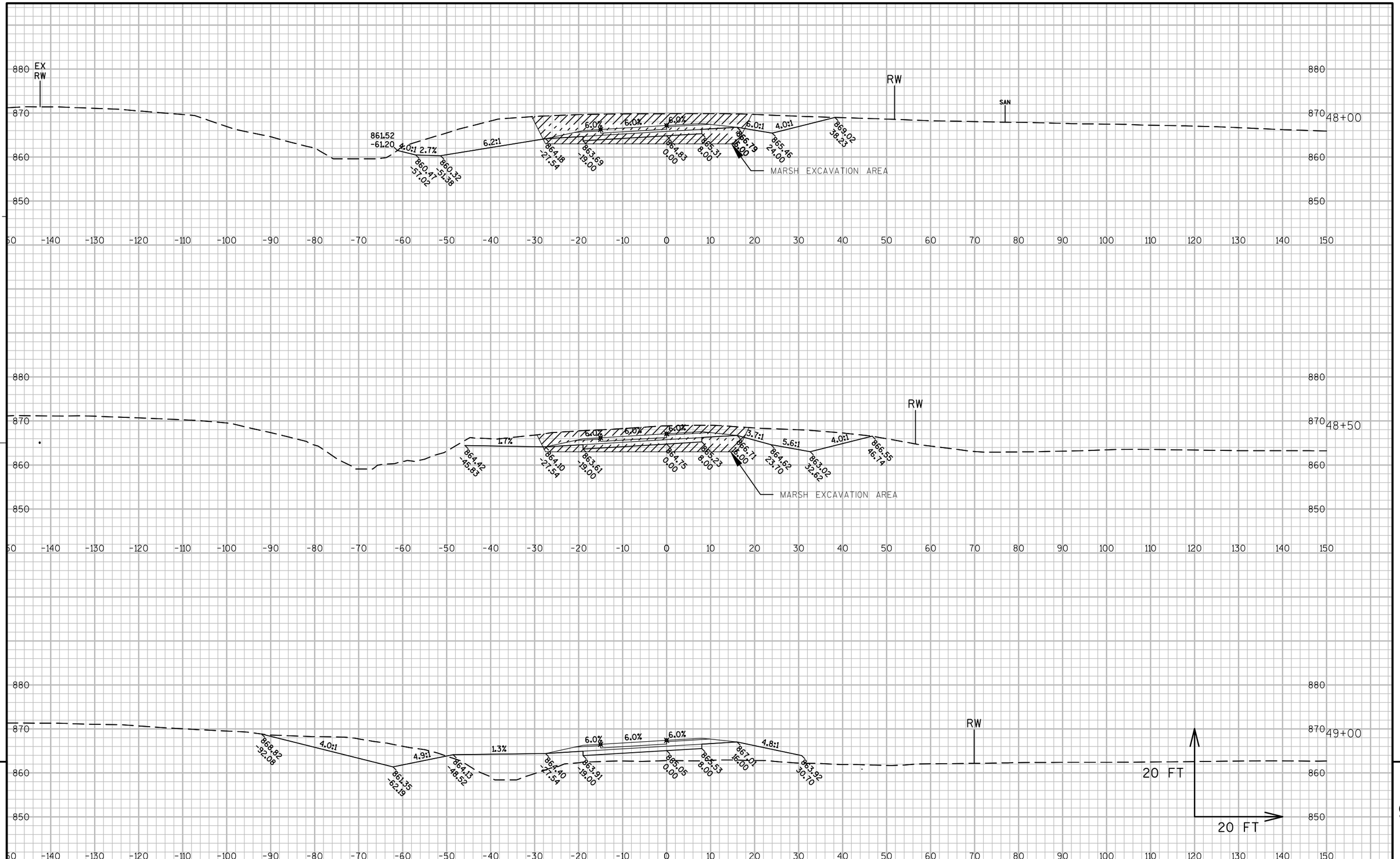
FILE NAME : C:\PWV8I-LOCAL\BAKER_PROJECTS\DYLAN.DOUGLAS\D0290664\090202-XS.DWG
LAYOUT NAME - EAST CROSSOVER - (11)
PLOT DATE : 1/22/2016 7:24 AM PLOT BY : DYLAN DOUGLAS PLOT NAME : PLOT SCALE : 1 IN:20 FT



PROJECT NO:1010-02-78	HWY:IH 39	COUNTY:DANE	CROSS SECTIONS: RAMP 'F'	SHEET	E

FILE NAME : C:\PWV8I-LOCAL\BAKER_PROJECTS\DYLAN.DOUGLAS\D0290664\090201-XS.DWG
1010-02-78 IH 39 - 090201-XS - 090203-1

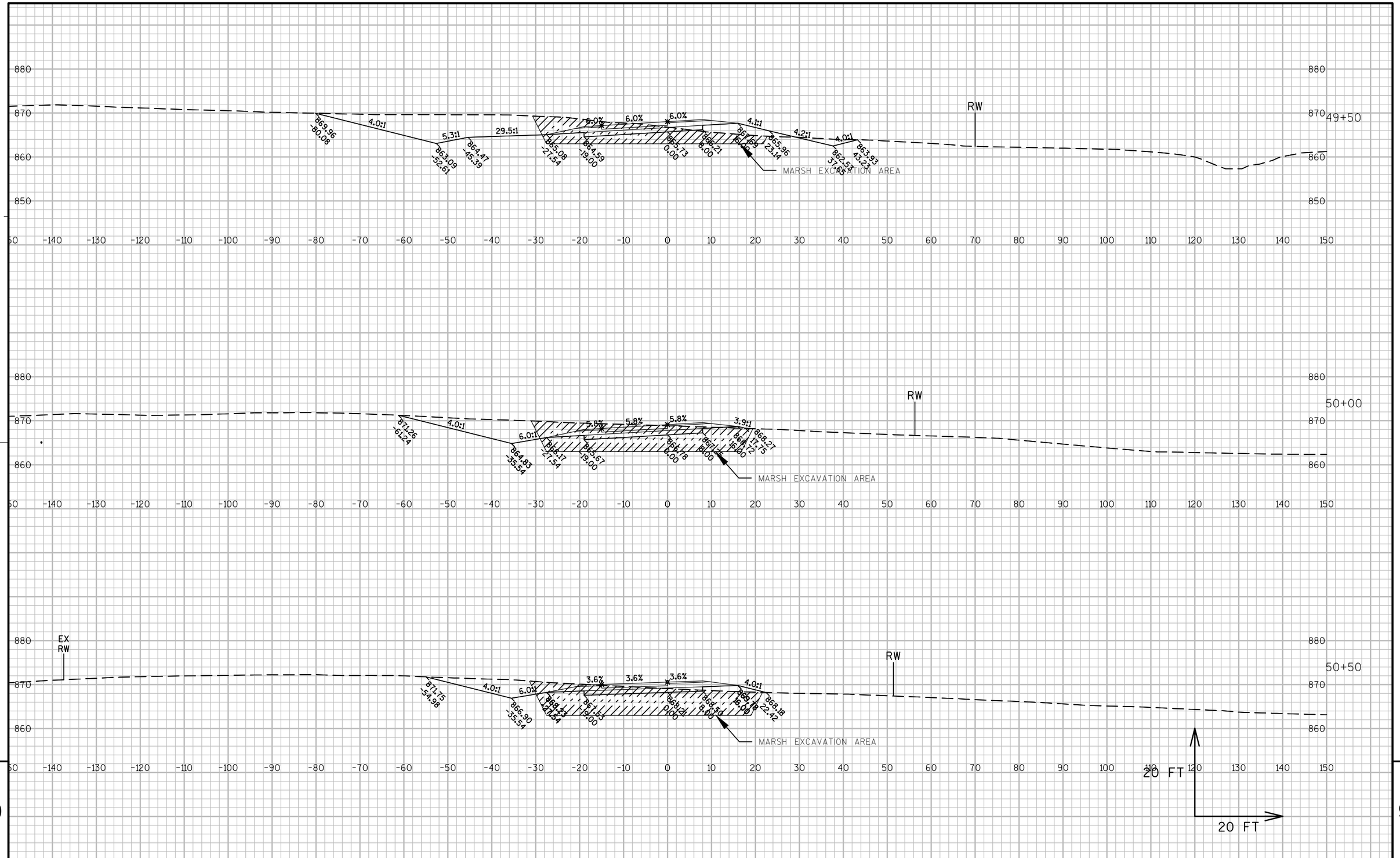
PLOT DATE : 1/22/2016 7:26 AM PLOT BY : DYLAN DOUGLAS PLOT NAME : PLOT SCALE : 1:20_XREF



PROJECT NO:1010-02-78	HWY:IH 39	COUNTY:DANE	CROSS SECTIONS: RAMP 'F'	SHEET	E

FILE NAME : C:\PWV8I-LOCAL\BAKER_PROJECTS\DYLAN.DOUGLAS\D0290664\090201-XS.DWG
1010-02-78 IH 39 - 090201-XS - 090203-2

PLOT DATE : 1/22/2016 7:26 AM PLOT BY : DYLAN DOUGLAS PLOT NAME : PLOT SCALE : 1:20_XREF



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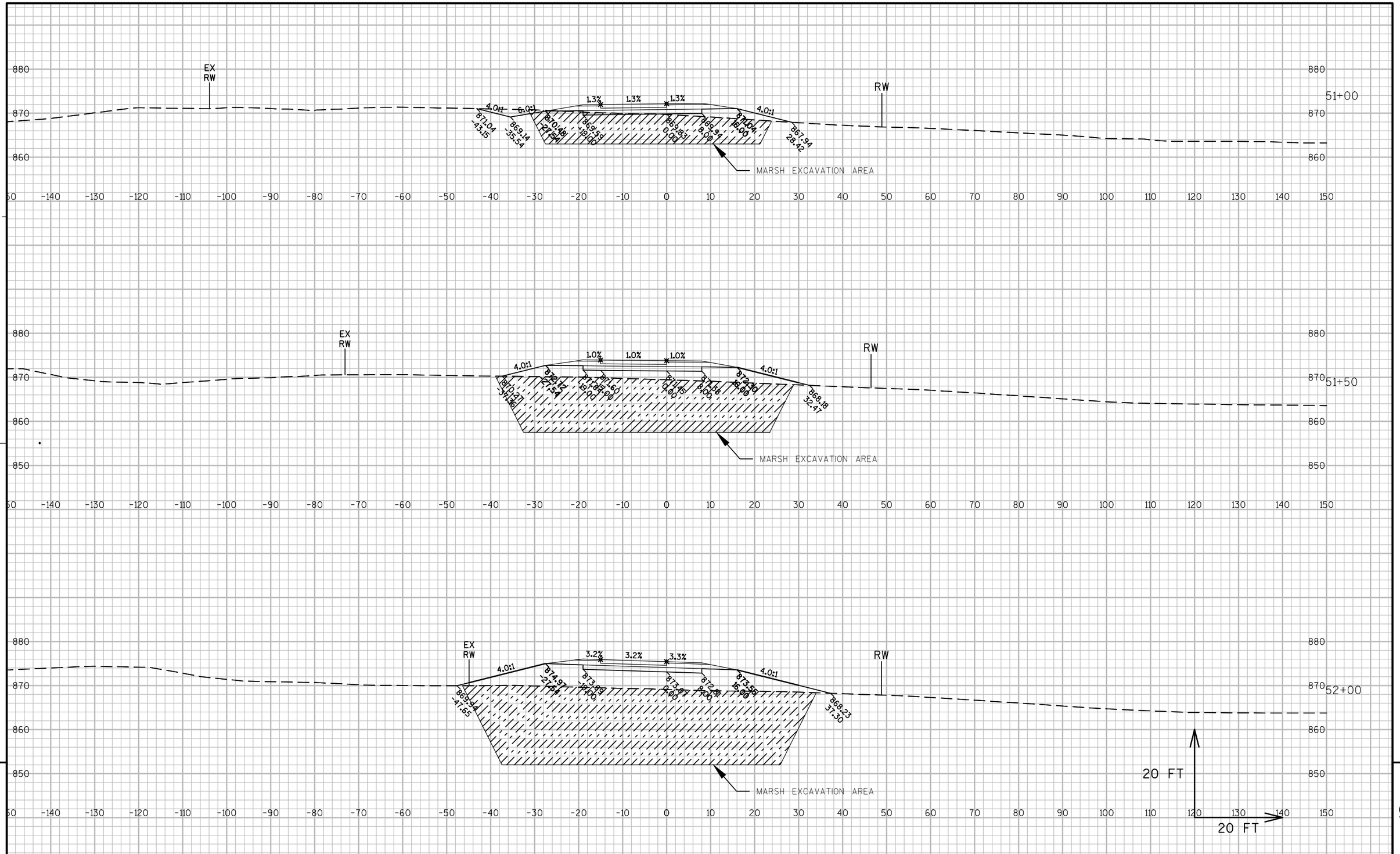
PROJECT NO:1010-02-78	HWY:IH 39	COUNTY:DANE	CROSS SECTIONS: RAMP 'F'	SHEET	E

FILE NAME : C:\PWV8I-LOCAL\BAKER_PROJECTS\DYLAN.DOUGLAS\D0290664\090201-XS.DWG
1010-02-78 IH 39 - 090201-XS - 090203-3

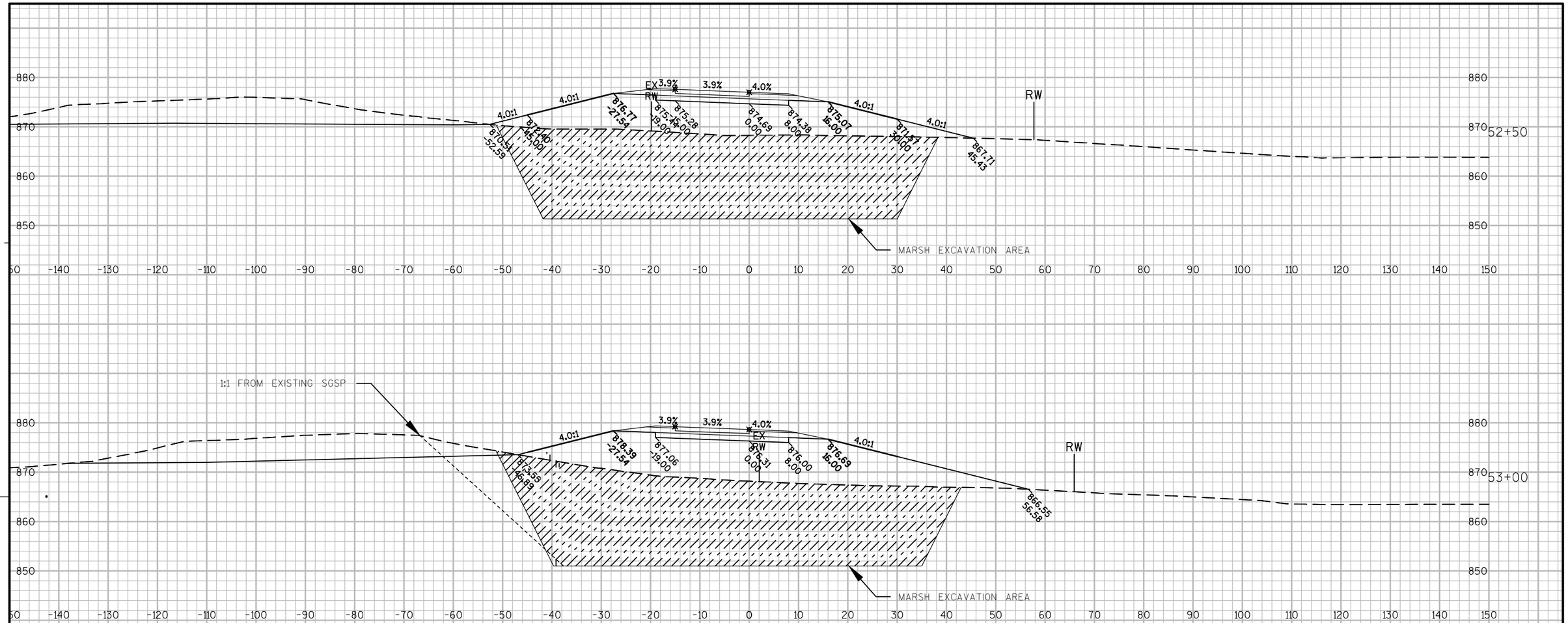
PLOT DATE : 1/22/2016 7:27 AM PLOT BY : DYLAN DOUGLAS PLOT NAME : PLOT SCALE : 1:20_XREF

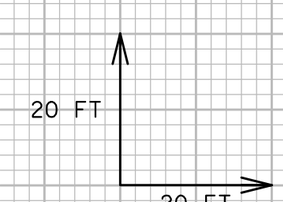
WISDOT/CADDS SHEET 49



PROJECT NO:1010-02-78	HWY:IH 39	COUNTY:DANE	CROSS SECTIONS: RAMP 'F'	SHEET	E

FILE NAME : C:\PWV8I-LOCAL\BAKER_PROJECTS\DYLAN.DOUGLAS\D0290664\090201-XS.DWG
1010-02-78 IH 39 - 090201-XS - 090203-4
PLOT DATE : 1/22/2016 7:27 AM PLOT BY : DYLAN DOUGLAS PLOT NAME : PLOT SCALE : 1:20_XREF





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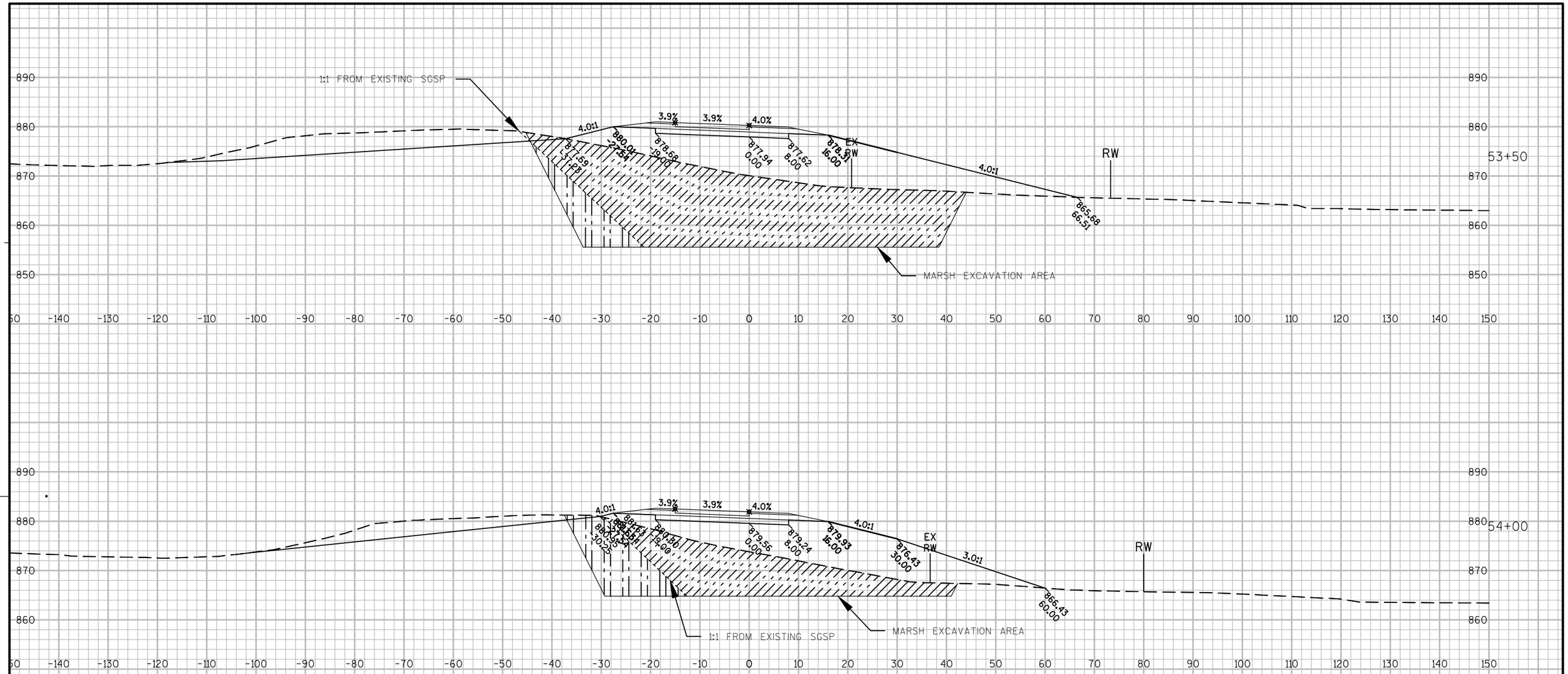
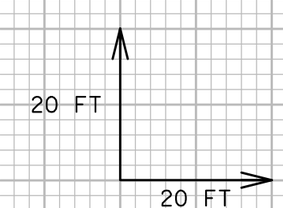
PROJECT NO:1010-02-78	HWY:IH 39	COUNTY:DANE	CROSS SECTIONS: RAMP 'F'	SHEET	E

FILE NAME : C:\PWV8I-LOCAL\BAKER_PROJECTS\DYLAN.DOUGLAS\D0290664\090201-XS.DWG
1010-02-78 IH 39 - 090201-XS - 090203-5
PLOT DATE : 1/22/2016 7:27 AM PLOT BY : DYLAN DOUGLAS PLOT NAME : PLOT SCALE : 1:20_XREF





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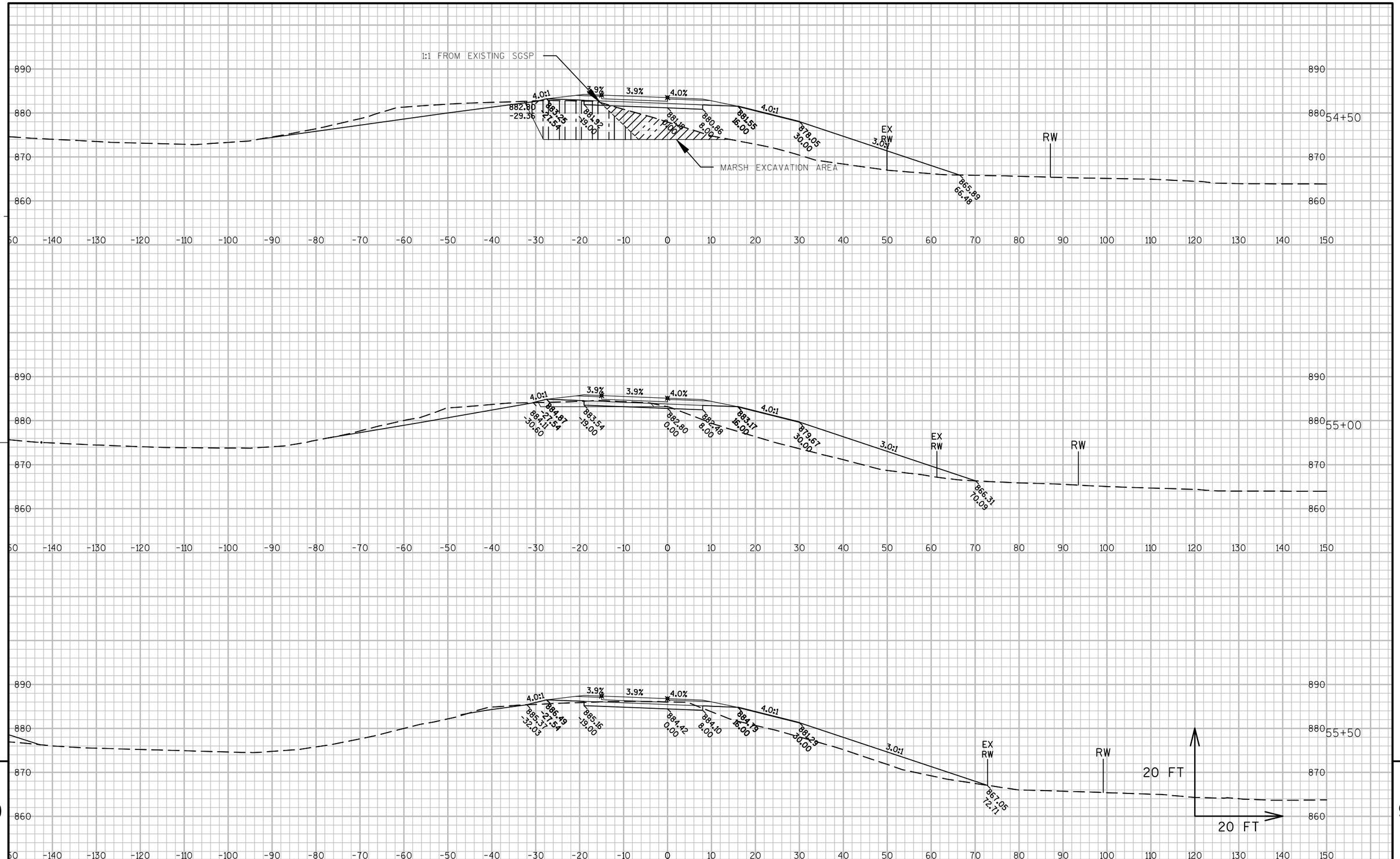
PROJECT NO:1010-02-78	HWY:IH 39	COUNTY:DANE	CROSS SECTIONS: RAMP 'F'	SHEET	E

FILE NAME : C:\PWV8I-LOCAL\BAKER_PROJECTS\DYLAN.DOUGLAS\D0290664\090201-XS.DWG
1010-02-78 IH 39 - 090201-XS - 090203-6

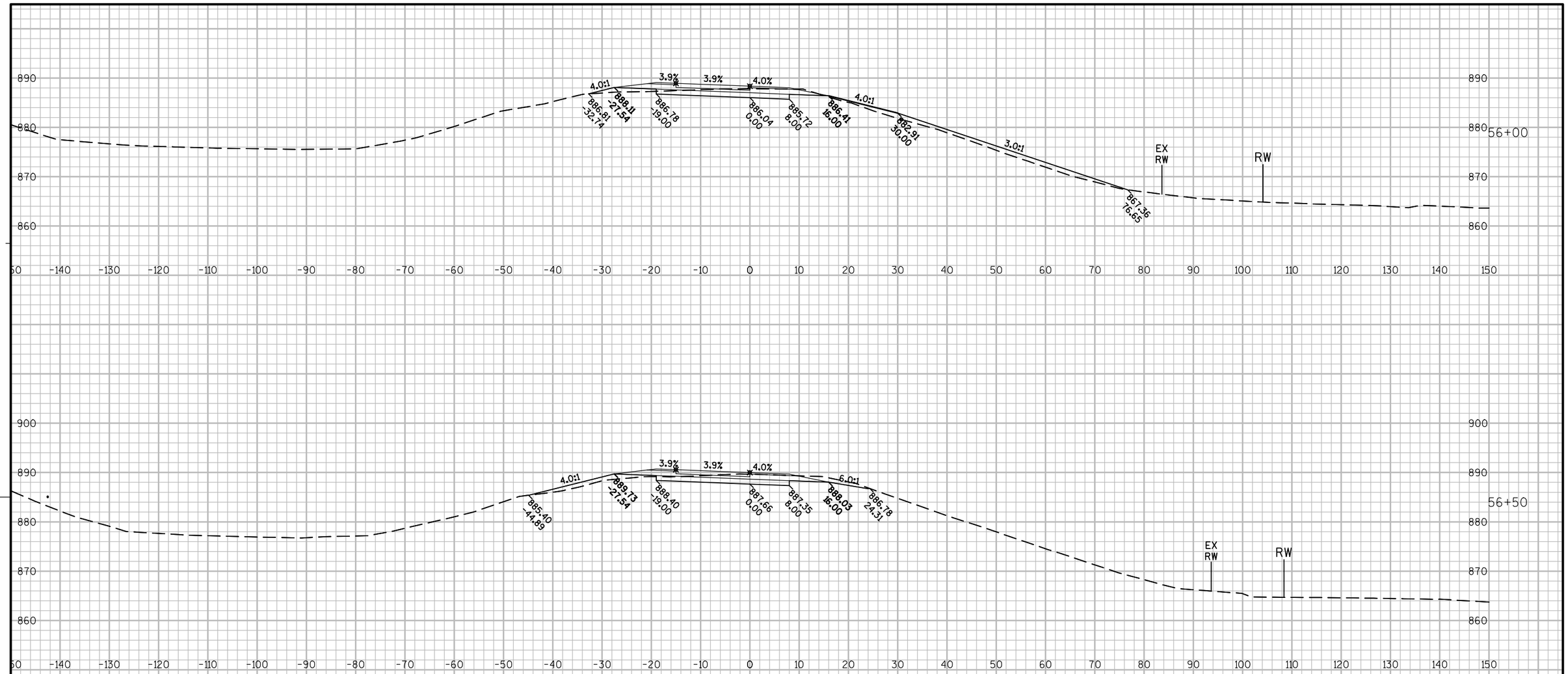
PLOT DATE : 1/22/2016 7:28 AM PLOT BY : DYLAN DOUGLAS PLOT NAME : PLOT SCALE : 1:20_XREF

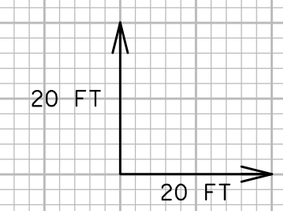
WISDOT/CADDS SHEET 49



PROJECT NO:1010-02-78	HWY:IH 39	COUNTY:DANE	CROSS SECTIONS: RAMP 'F'	SHEET	E

FILE NAME : C:\PWV8I-LOCAL\BAKER_PROJECTS\DYLAN.DOUGLAS\D0290664\090201-XS.DWG
1010-02-78 IH 39 - 090201-XS - 090203-7
PLOT DATE : 1/22/2016 7:28 AM PLOT BY : DYLAN DOUGLAS PLOT NAME : PLOT SCALE : 1:20_XREF





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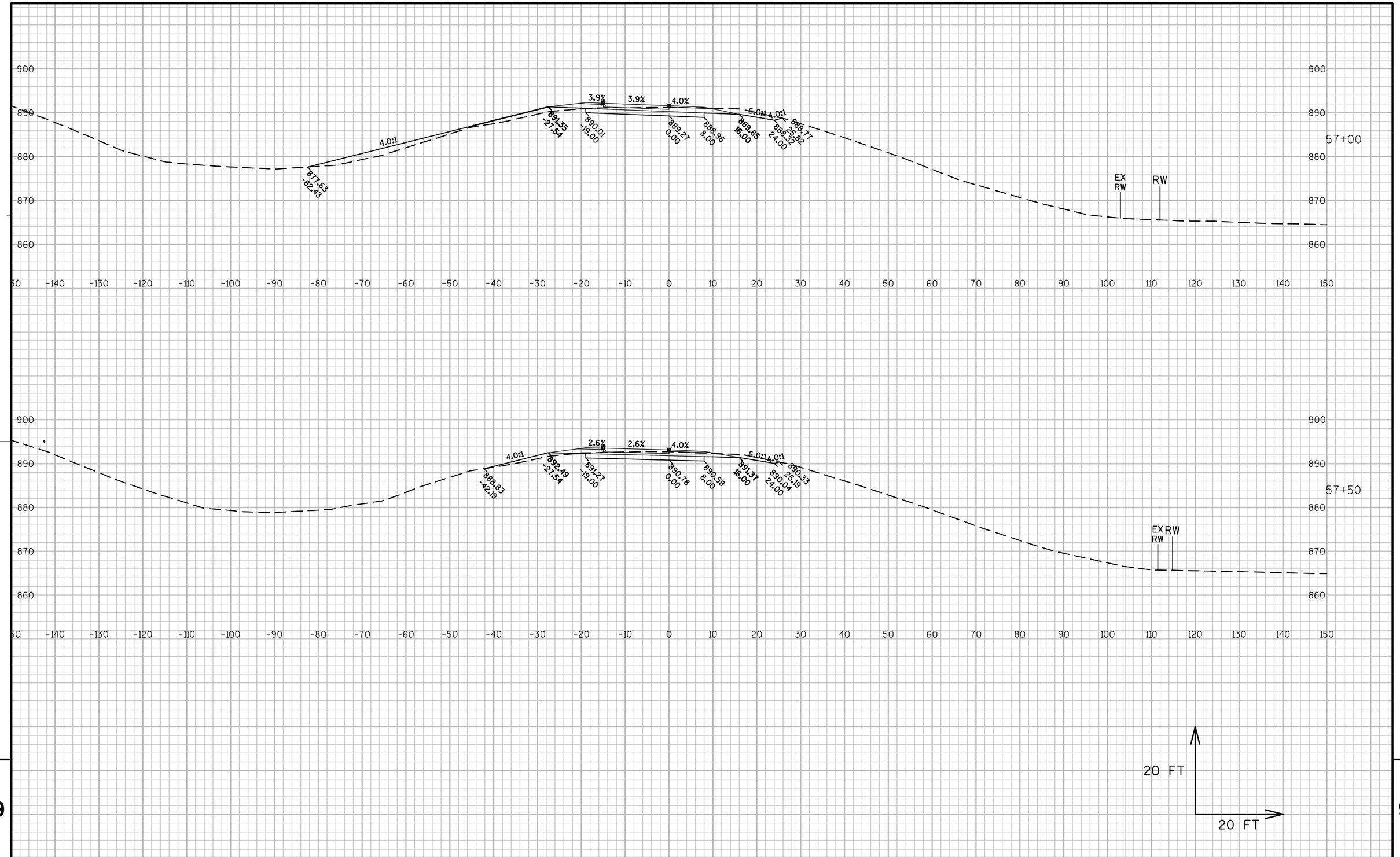
PROJECT NO:1010-02-78	HWY:IH 39	COUNTY:DANE	CROSS SECTIONS: RAMP 'F'	SHEET	E

FILE NAME : C:\PWV8I-LOCAL\BAKER_PROJECTS\DYLAN.DOUGLAS\D0290664\090201-XS.DWG
1010-02-78 IH 39 - 090201-XS - 090203-8

PLOT DATE : 1/22/2016 7:29 AM PLOT BY : DYLAN DOUGLAS PLOT NAME : PLOT SCALE : 1:20_XREF

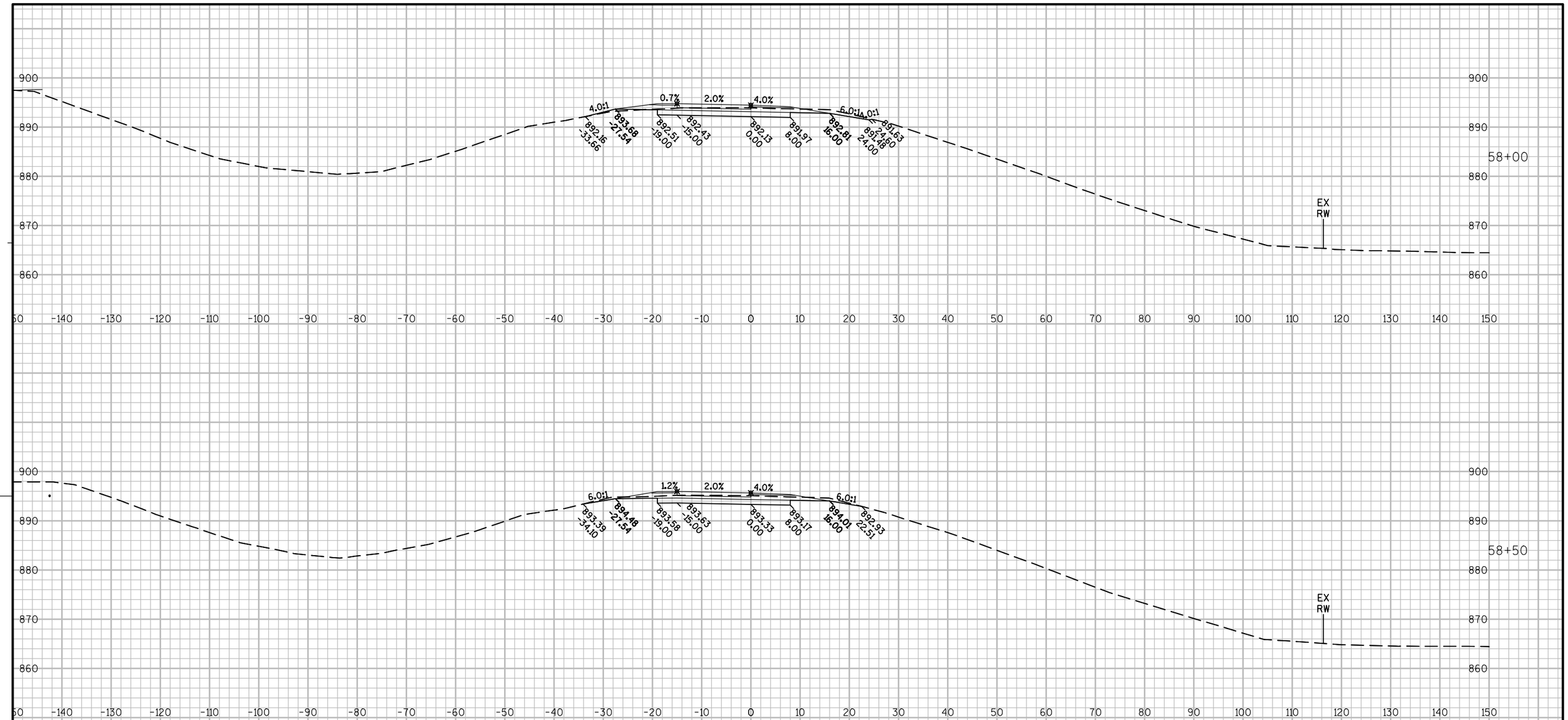


PROJECT NO:1010-02-78	HWY:IH 39	COUNTY:DANE	CROSS SECTIONS: RAMP 'F'	SHEET	E

FILE NAME : C:\PWV8I-LOCAL\BAKER_PROJECTS\DYLAN.DOUGLAS\D0290664\090201-XS.DWG
1010-02-78 IH 39 - 090201-XS - 090203-9

PLOT DATE : 1/22/2016 7:29 AM PLOT BY : DYLAN DOUGLAS PLOT NAME : PLOT SCALE : 1:20_XREF

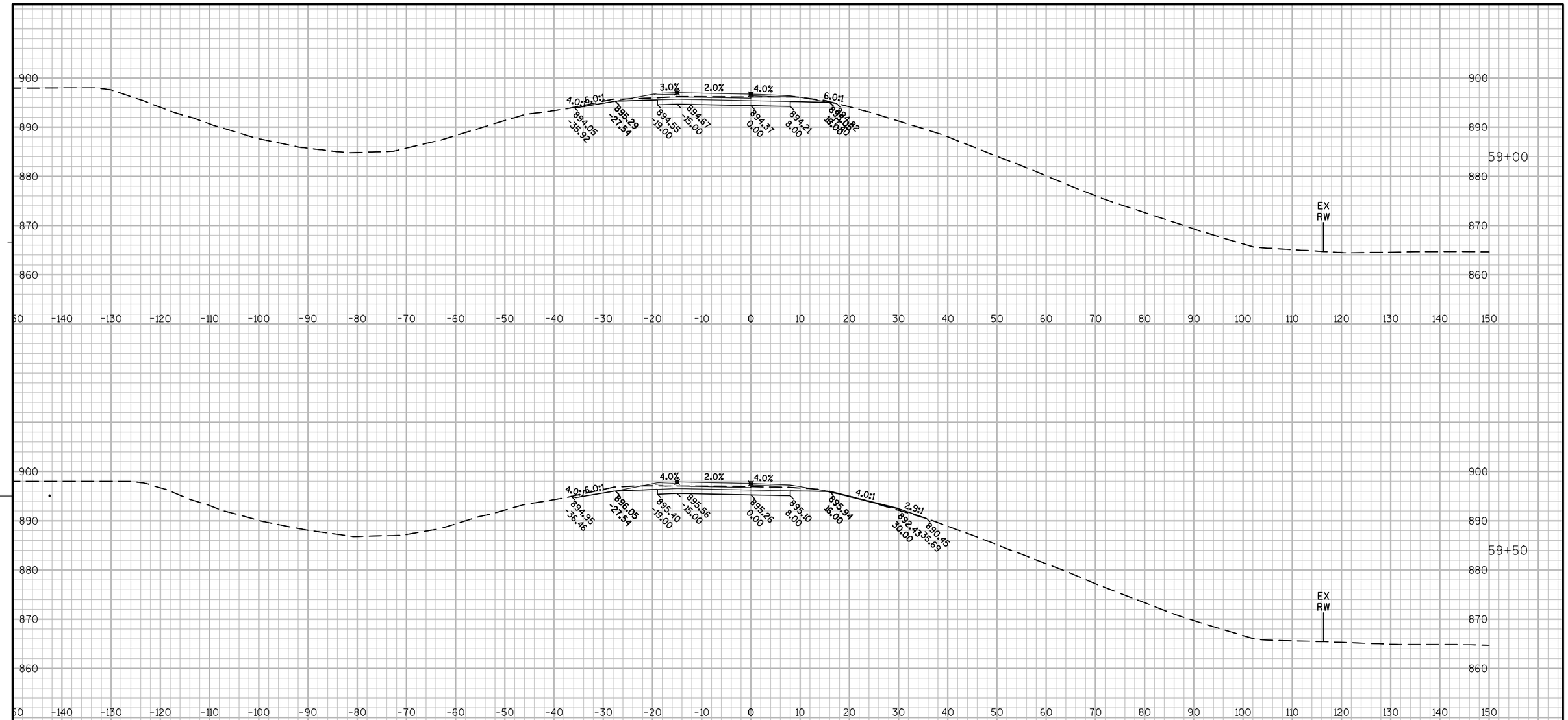
WISDOT/CADDS SHEET 49



PROJECT NO:1010-02-78	HWY:IH 39	COUNTY:DANE	CROSS SECTIONS: RAMP 'F'	SHEET	E

FILE NAME : C:\PWV8I-LOCAL\BAKER_PROJECTS\DYLAN.DOUGLAS\D0290664\090201-XS.DWG
1010-02-78 IH 39 - 090201-XS - 090203-10

PLOT DATE : 1/22/2016 7:29 AM PLOT BY : DYLAN DOUGLAS PLOT NAME : PLOT SCALE : 1:20_XREF



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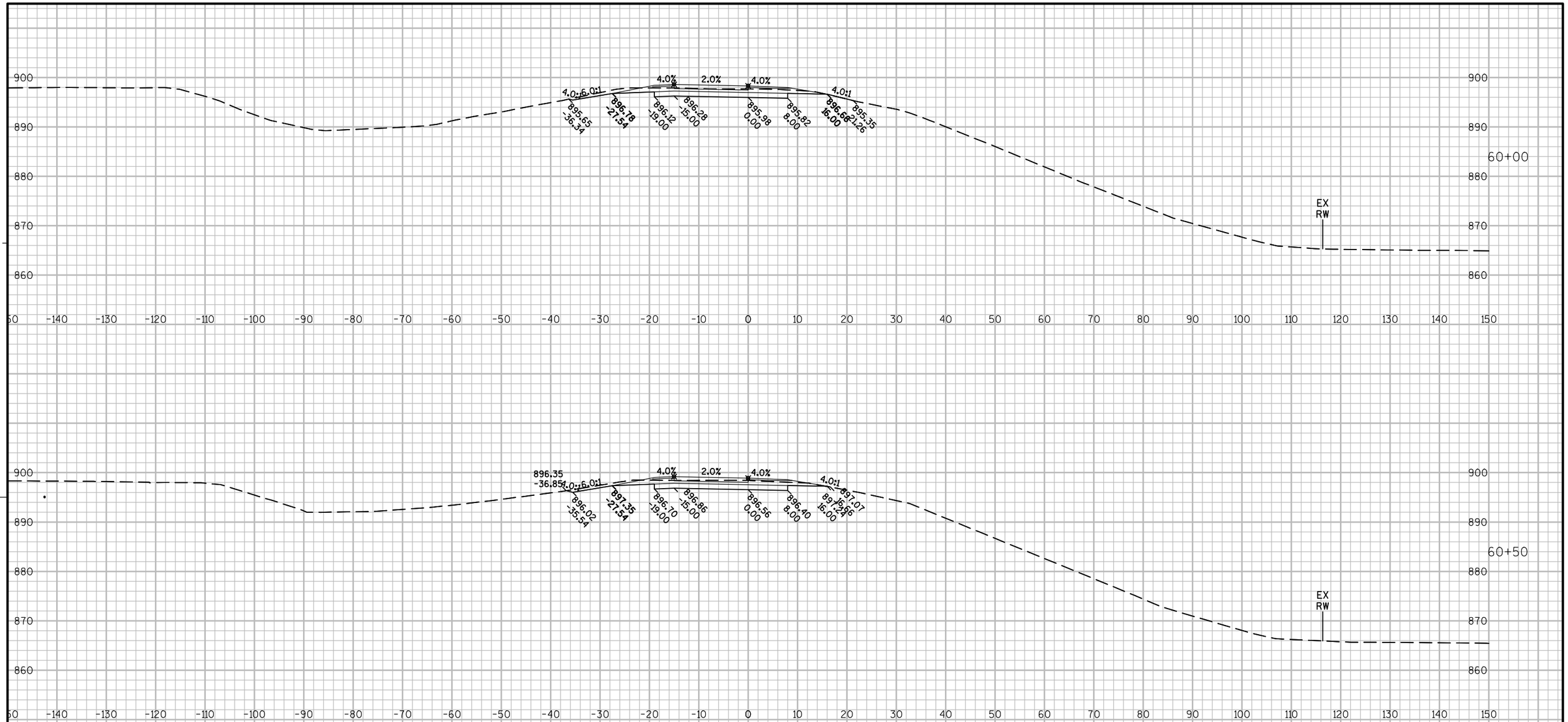
PROJECT NO:1010-02-78	HWY:IH 39	COUNTY:DANE	CROSS SECTIONS: RAMP 'F'	SHEET	E

FILE NAME : C:\PWV8I-LOCAL\BAKER_PROJECTS\DYLAN.DOUGLAS\D0290664\090201-XS.DWG
1010-02-78 IH 39 - 090201-XS - 090203-11

PLOT DATE : 1/22/2016 7:30 AM PLOT BY : DYLAN DOUGLAS PLOT NAME : PLOT SCALE : 1:20_XREF

WISDOT/CADDS SHEET 49



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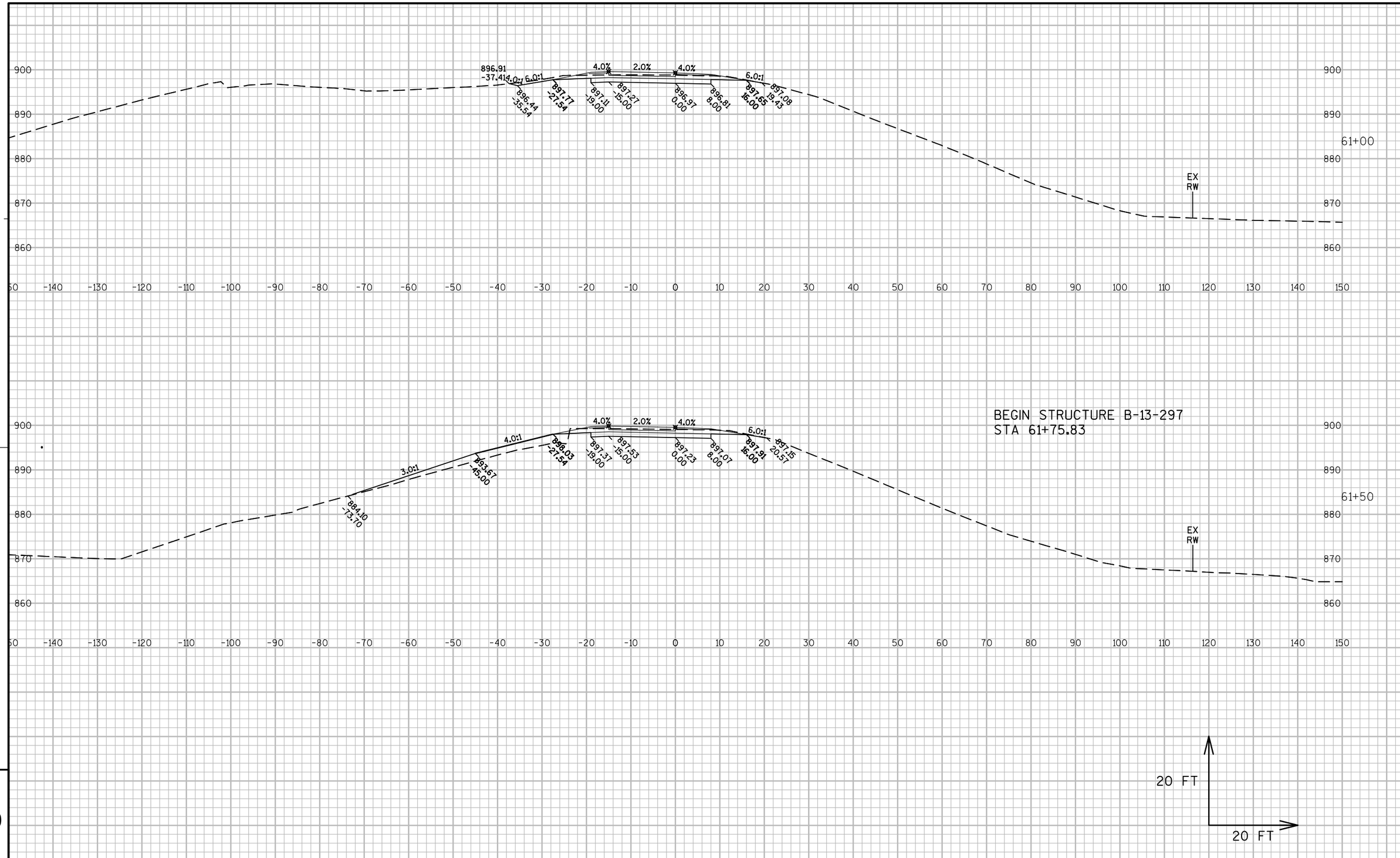
PROJECT NO:1010-02-78	HWY:IH 39	COUNTY:DANE	CROSS SECTIONS: RAMP 'F'	SHEET	E

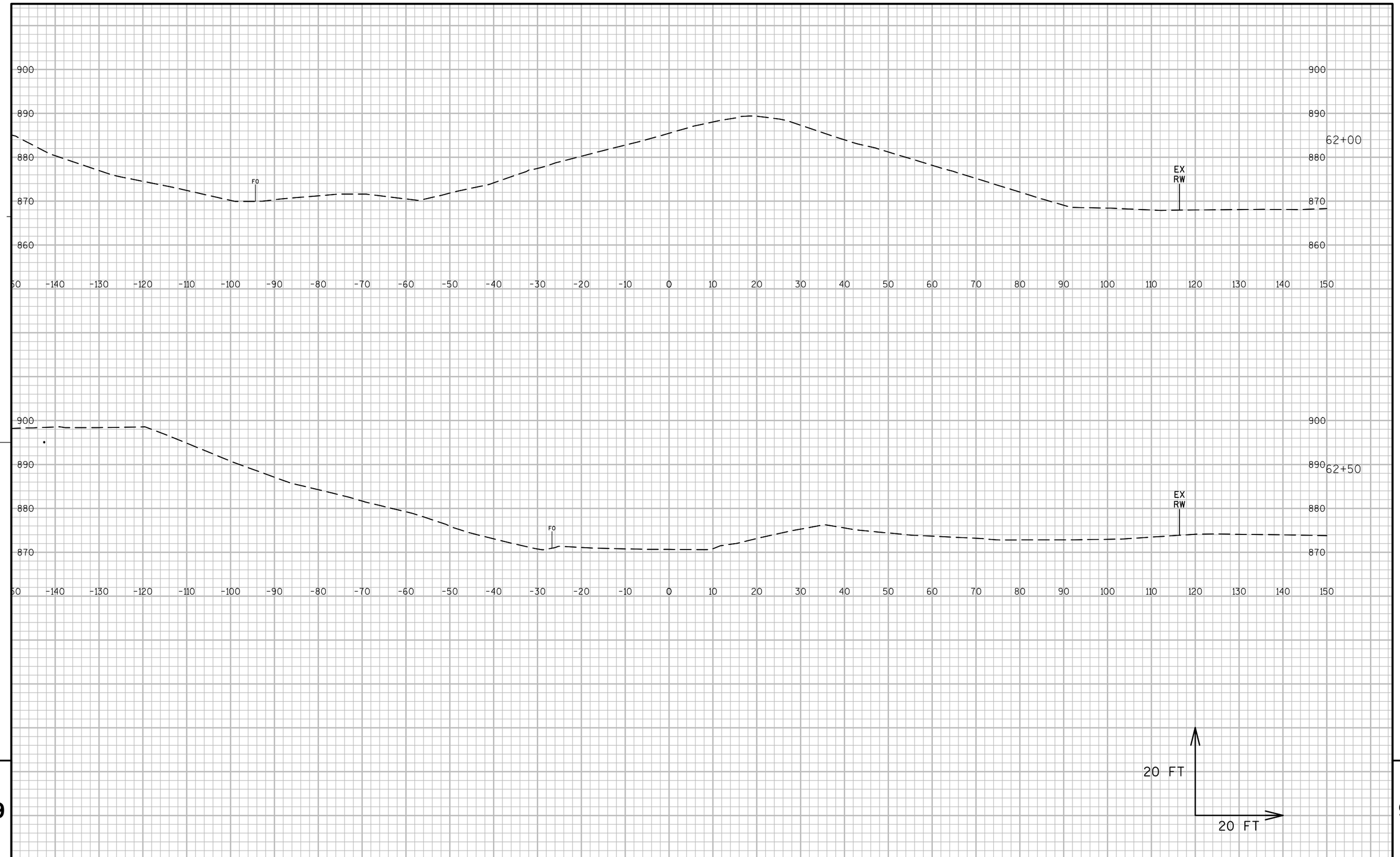
FILE NAME : C:\PWV8I-LOCAL\BAKER_PROJECTS\DYLAN.DOUGLAS\D0290664\090201-XS.DWG
1010-02-78 IH 39 - 090201-XS - 090203-12

PLOT DATE : 1/22/2016 7:30 AM PLOT BY : DYLAN DOUGLAS PLOT NAME : PLOT SCALE : 1:20_XREF



PROJECT NO:1010-02-78	HWY:IH 39	COUNTY:DANE	CROSS SECTIONS: RAMP 'F'	SHEET	E

FILE NAME : C:\PWV8I-LOCAL\BAKER_PROJECTS\DYLAN.DOUGLAS\D0290664\090201-XS.DWG
1010-02-78 IH 39 - 090201-XS - 090203-13
PLOT DATE : 1/22/2016 7:30 AM PLOT BY : DYLAN DOUGLAS PLOT NAME : PLOT SCALE : 1:20_XREF



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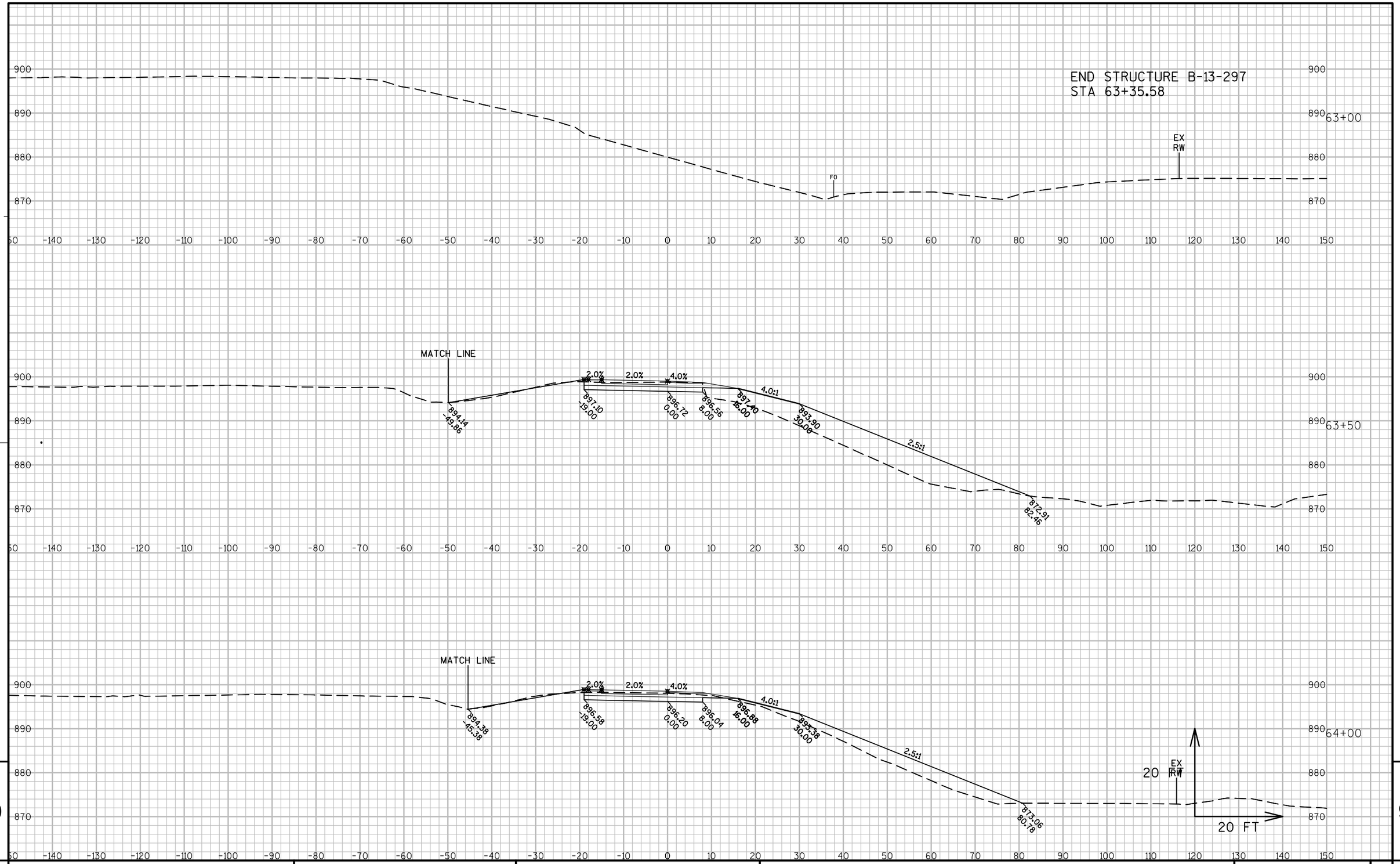
PROJECT NO:1010-02-78	HWY:IH 39	COUNTY:DANE	CROSS SECTIONS: RAMP 'F'	SHEET	E

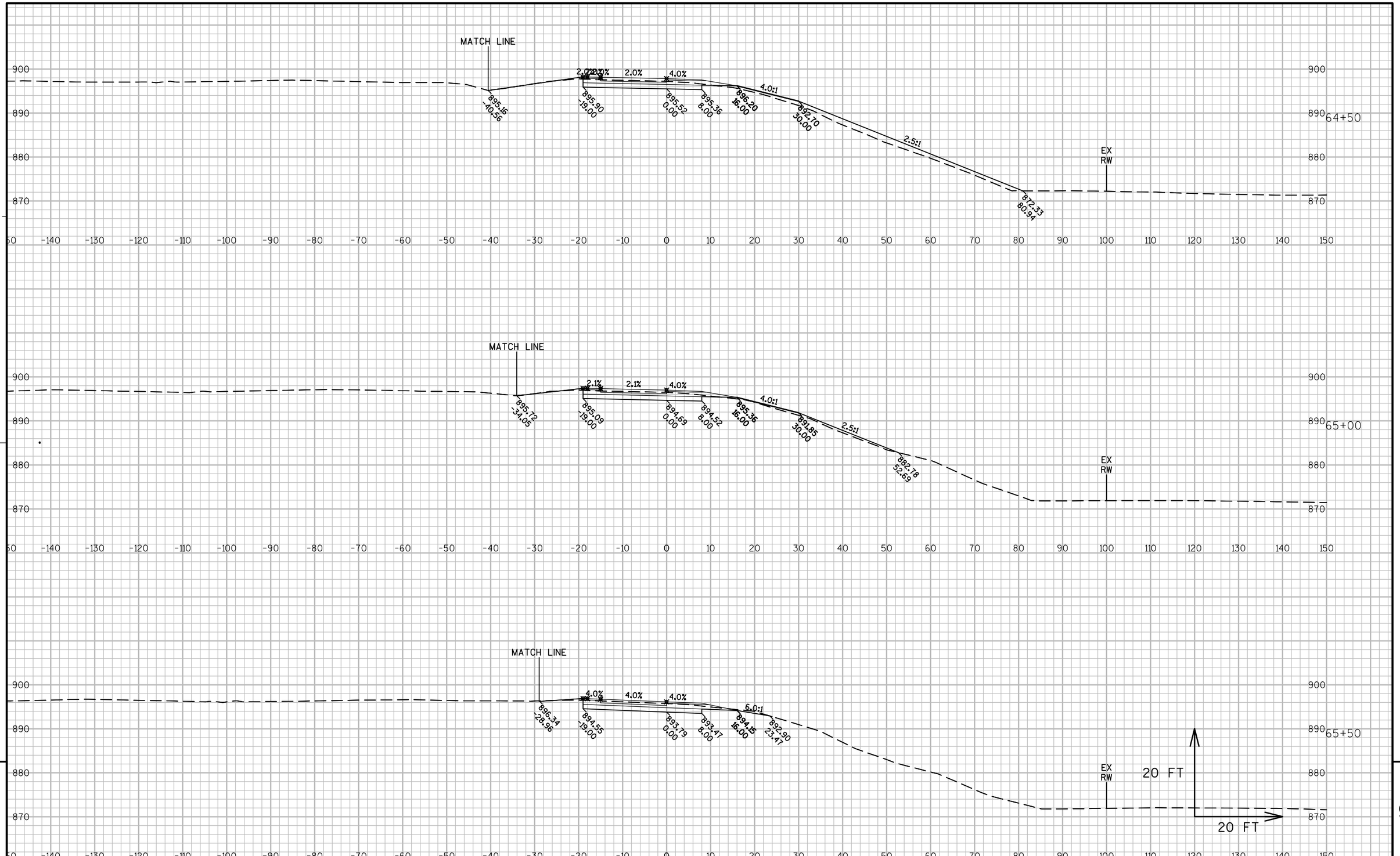
FILE NAME : C:\PWV8I-LOCAL\BAKER_PROJECTS\DYLAN.DOUGLAS\D0290664\090201-XS.DWG
1010-02-78 IH 39 - 090201-XS - 090203-14

PLOT DATE : 1/22/2016 7:31 AM PLOT BY : DYLAN DOUGLAS PLOT NAME : PLOT SCALE : 1:20_XREF



PROJECT NO:1010-02-78	HWY:IH 39	COUNTY:DANE	CROSS SECTIONS: RAMP 'F'	SHEET	E

FILE NAME : C:\PWV8I-LOCAL\BAKER_PROJECTS\DYLAN.DOUGLAS\D0290664\090201-XS.DWG
1010-02-78 IH 39 - 090201-XS - 090203-15
PLOT DATE : 1/22/2016 7:31 AM PLOT BY : DYLAN DOUGLAS PLOT NAME : PLOT SCALE : 1:20_XREF



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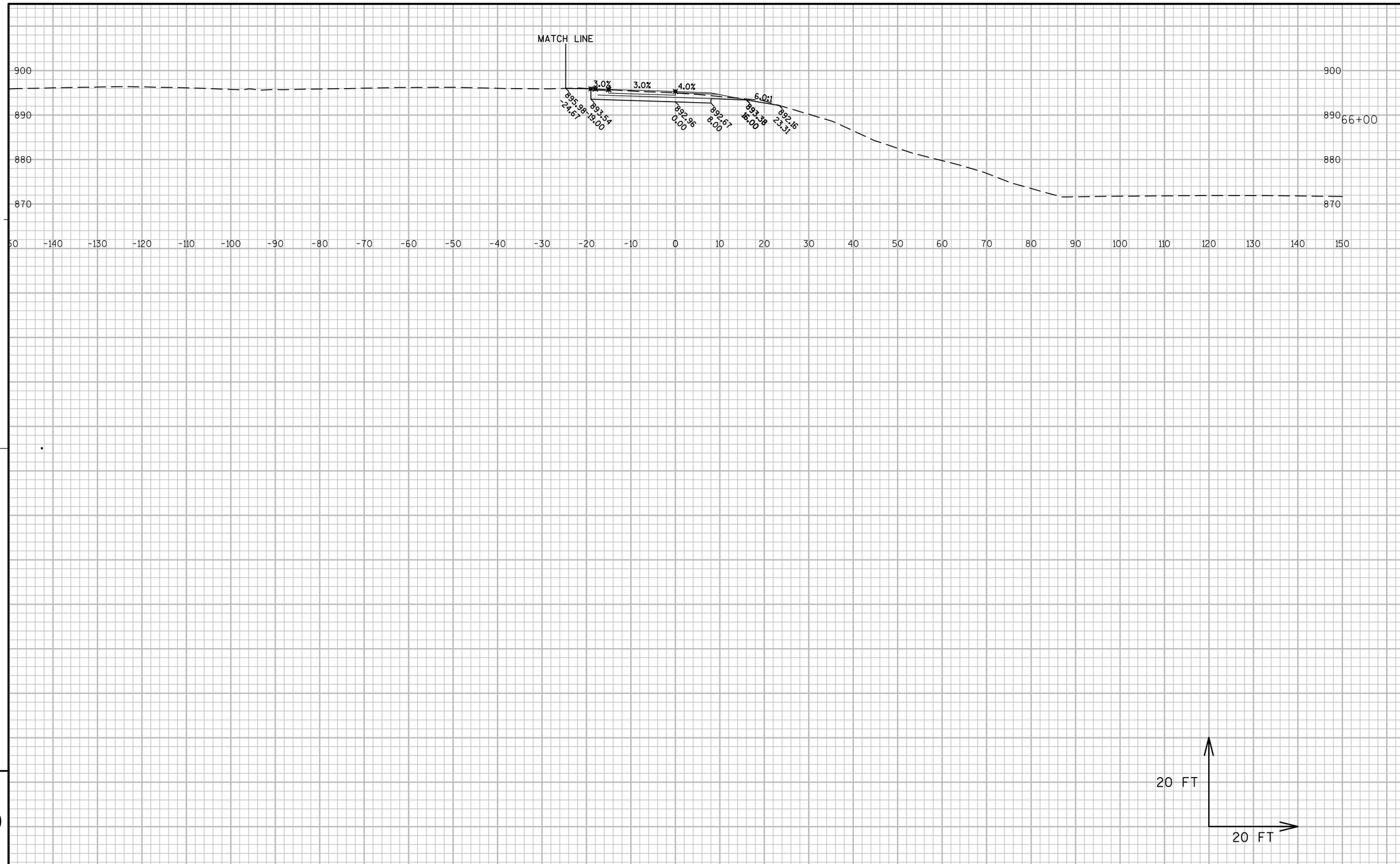
PROJECT NO:1010-02-78	HWY:IH 39	COUNTY:DANE	CROSS SECTIONS: RAMP 'F'	SHEET	E

FILE NAME : C:\PWV8I-LOCAL\BAKER_PROJECTS\DYLAN.DOUGLAS\D0290664\090201-XS.DWG
1010-02-78 IH 39 - 090201-XS - 090203-16

PLOT DATE : 1/22/2016 7:32 AM PLOT BY : DYLAN DOUGLAS PLOT NAME : PLOT SCALE : 1:20_XREF



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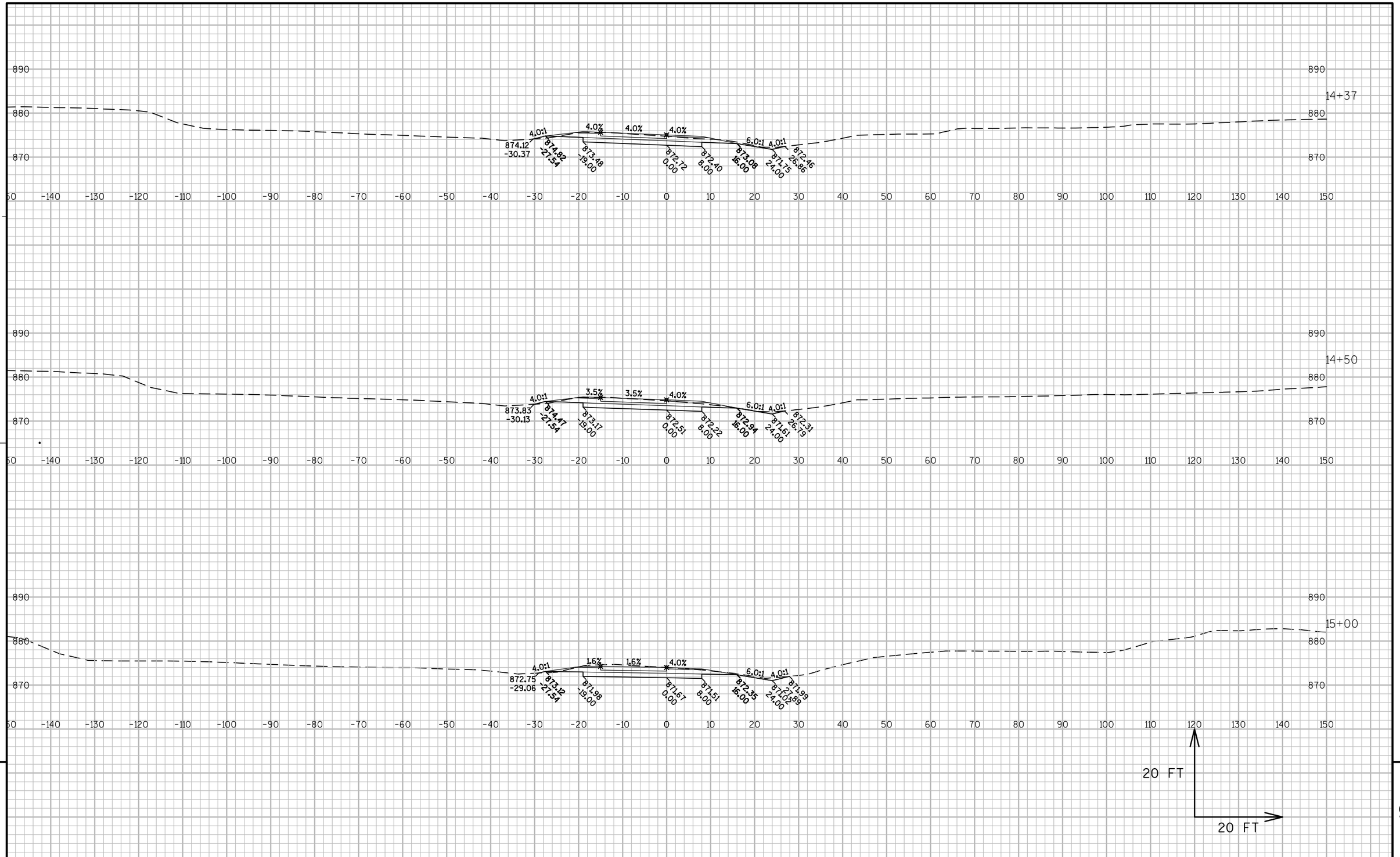
PROJECT NO:1010-02-78	HWY:IH 39	COUNTY:DANE	CROSS SECTIONS: RAMP 'F'	SHEET	E

FILE NAME : C:\PWV8I-LOCAL\BAKER_PROJECTS\DYLAN.DOUGLAS\D0290664\090201-XS.DWG
1010-02-78 IH 39 - 090203-17

PLOT DATE : 1/22/2016 7:32 AM PLOT BY : DYLAN DOUGLAS PLOT NAME : PLOT SCALE : 1:20_XREF



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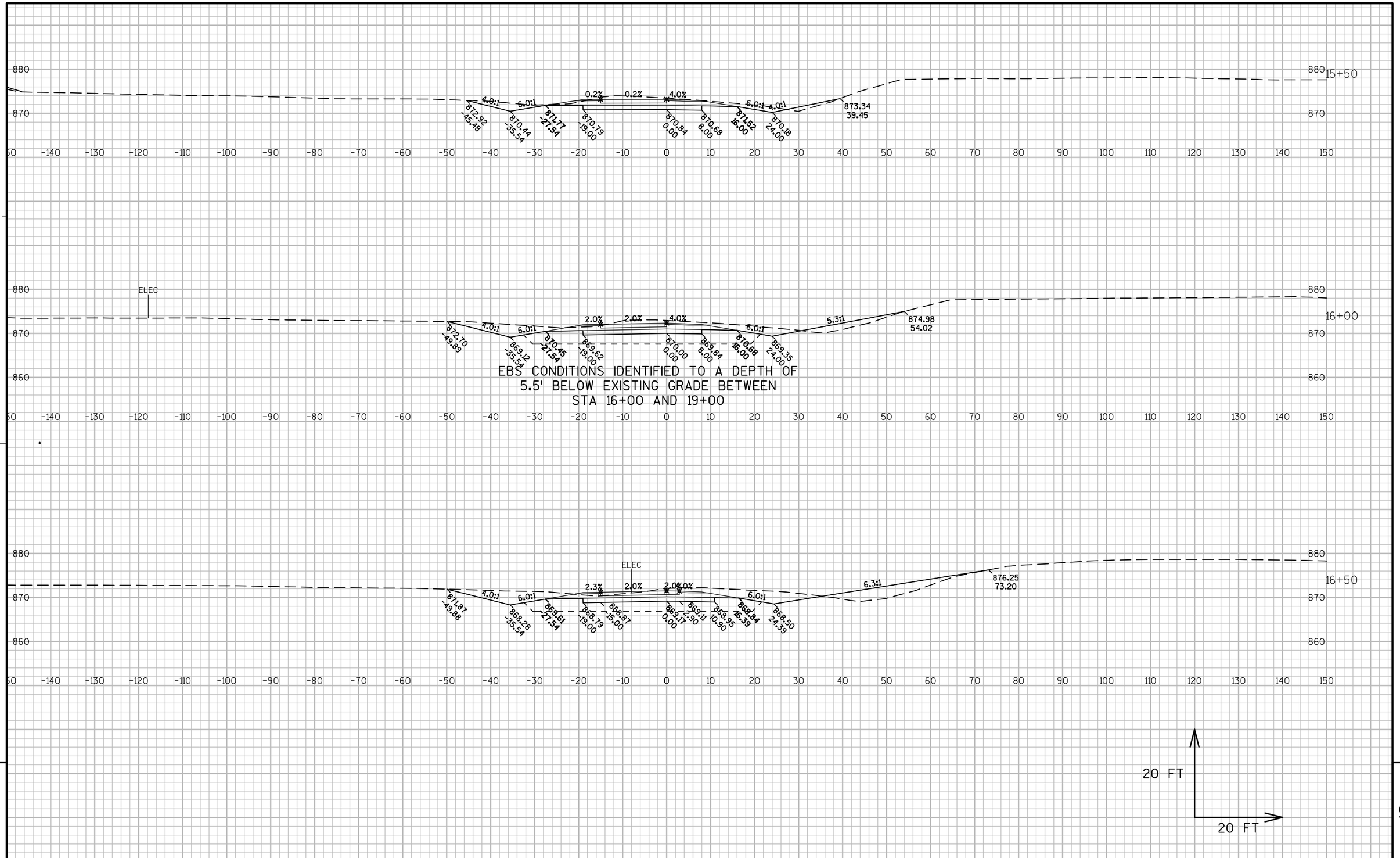
PROJECT NO:1010-02-78	HWY:IH 39	COUNTY:DANE	CROSS SECTIONS: RAMP 'H'	SHEET	E

FILE NAME : C:\PWV8I-LOCAL\BAKER_PROJECTS\DYLAN.DOUGLAS\D0290664\090201-XS.DWG
1010-02-78 IH 39 - 090201-XS - 090202-1

PLOT DATE : 1/22/2016 7:32 AM PLOT BY : DYLAN DOUGLAS PLOT NAME : PLOT SCALE : 1:20_XREF

WISDOT/CADDS SHEET 49



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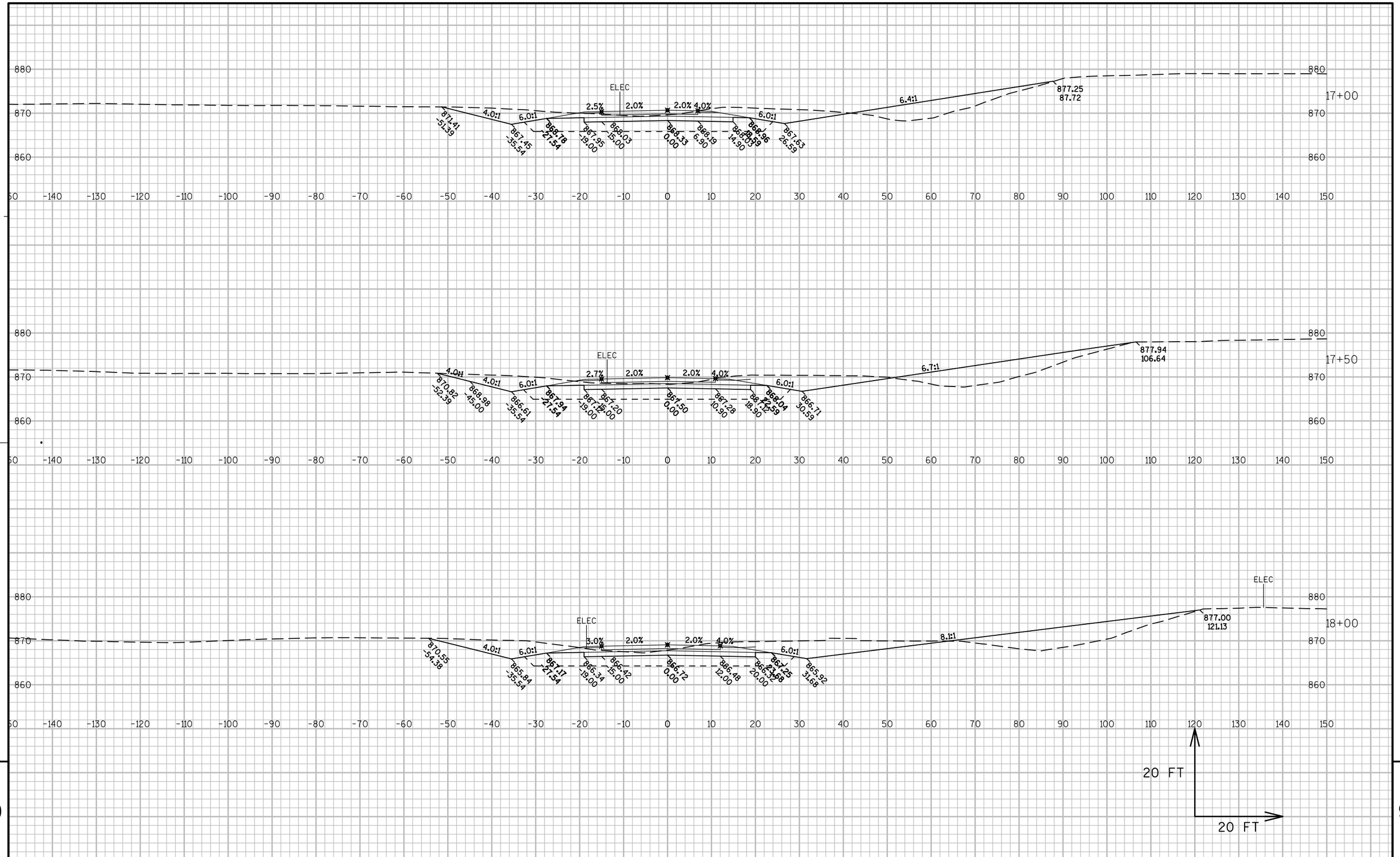
PROJECT NO:1010-02-78	HWY:IH 39	COUNTY:DANE	CROSS SECTIONS: RAMP 'H'	SHEET	E

FILE NAME : C:\PWV8I-LOCAL\BAKER_PROJECTS\DYLAN.DOUGLAS\D0290664\090201-XS.DWG
1010-02-78 IH 39 - 090201-XS - 090202-2

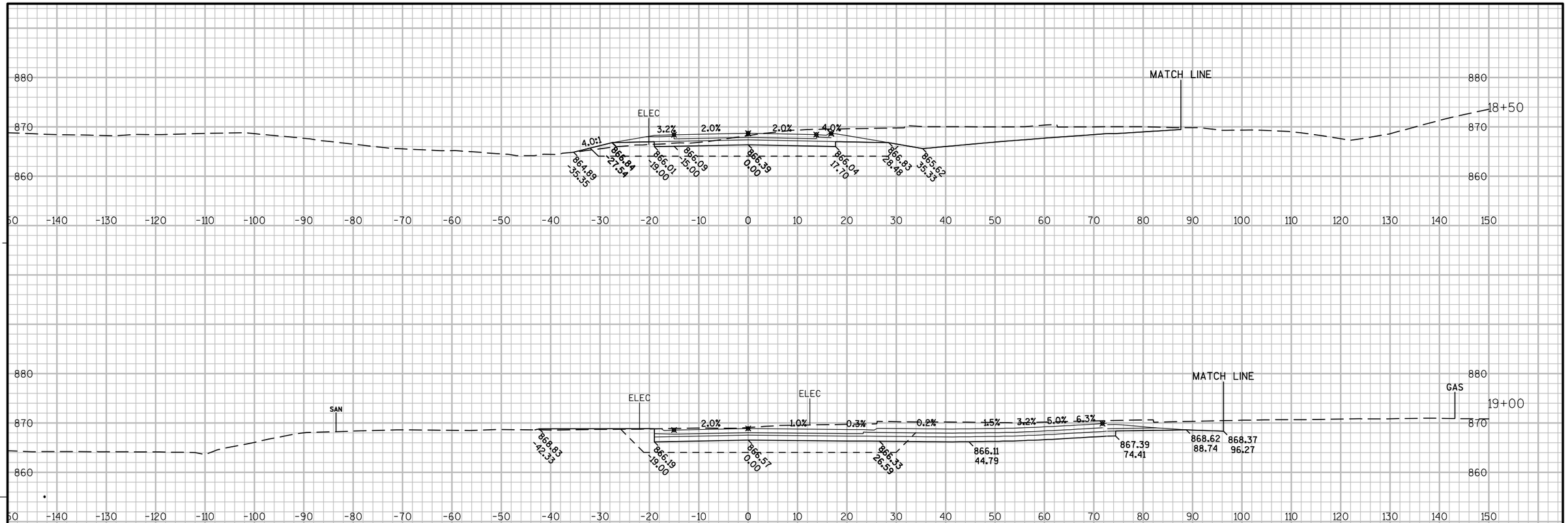
PLOT DATE : 1/22/2016 7:33 AM PLOT BY : DYLAN DOUGLAS PLOT NAME : PLOT SCALE : 0.049999



PROJECT NO:1010-02-78	HWY:IH 39	COUNTY:DANE	CROSS SECTIONS: RAMP 'H'	SHEET	E

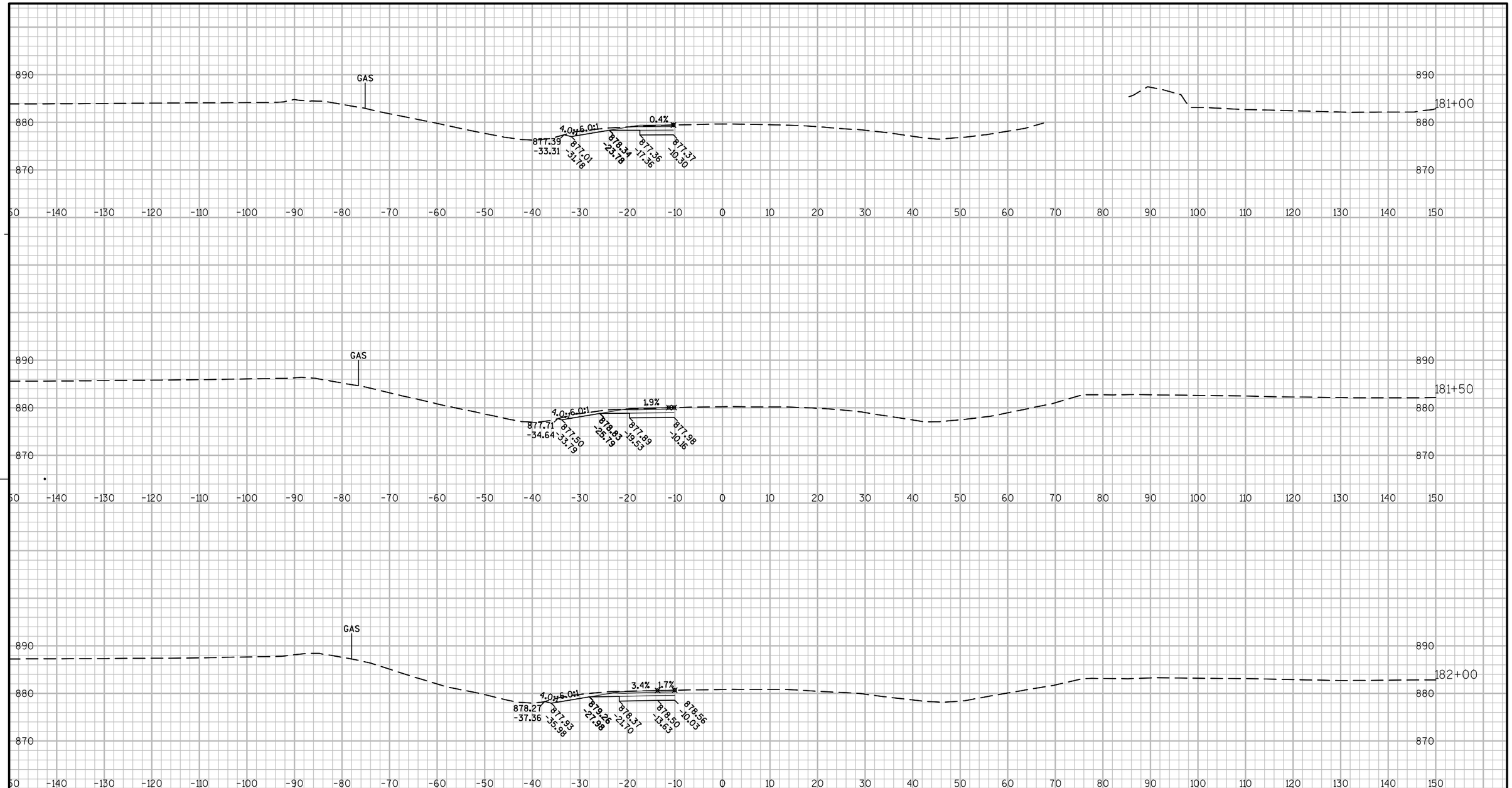
FILE NAME : C:\PWV8I-LOCAL\BAKER_PROJECTS\DYLAN.DOUGLAS\D0290664\090201-XS.DWG
1010-02-78 IH 39 - 090201-XS - 090202-3

PLOT DATE : 1/22/2016 7:33 AM PLOT BY : DYLAN DOUGLAS PLOT NAME : PLOT SCALE : 1:20_XREF



PROJECT NO:1010-02-78	HWY:IH 39	COUNTY:DANE	CROSS SECTIONS: RAMP 'H'	SHEET	E

FILE NAME : C:\PWV8I-LOCAL\BAKER_PROJECTS\DYLAN.DOUGLAS\D0290664\090201-XS.DWG
1010-02-78 IH 39 - 090201-XS - 090202-4
PLOT DATE : 1/22/2016 7:34 AM PLOT BY : DYLAN DOUGLAS PLOT NAME : PLOT SCALE : 0.049997



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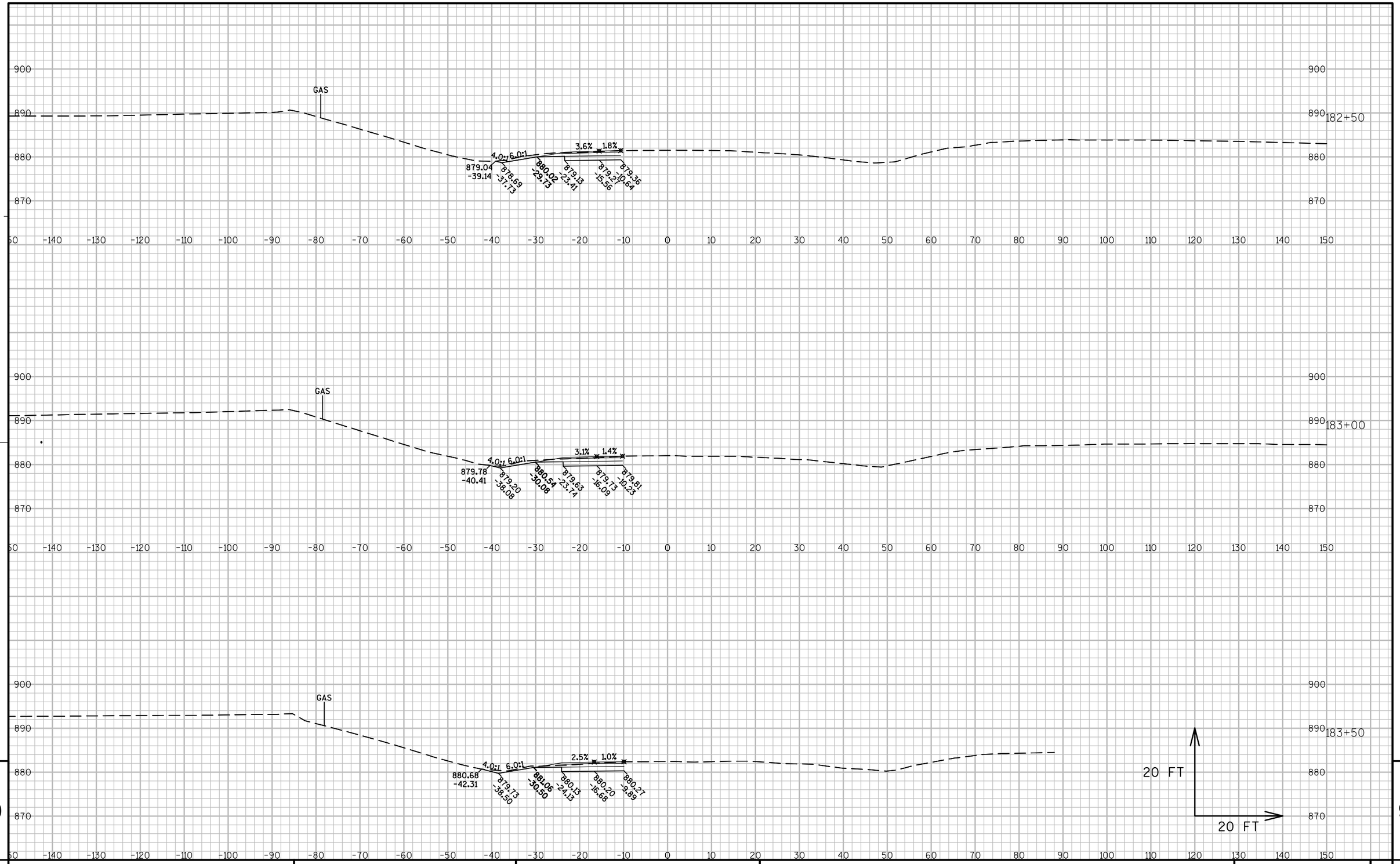
PROJECT NO:1010-02-78	HWY:IH 39	COUNTY:DANE	CROSS SECTIONS: STH 19	SHEET	E

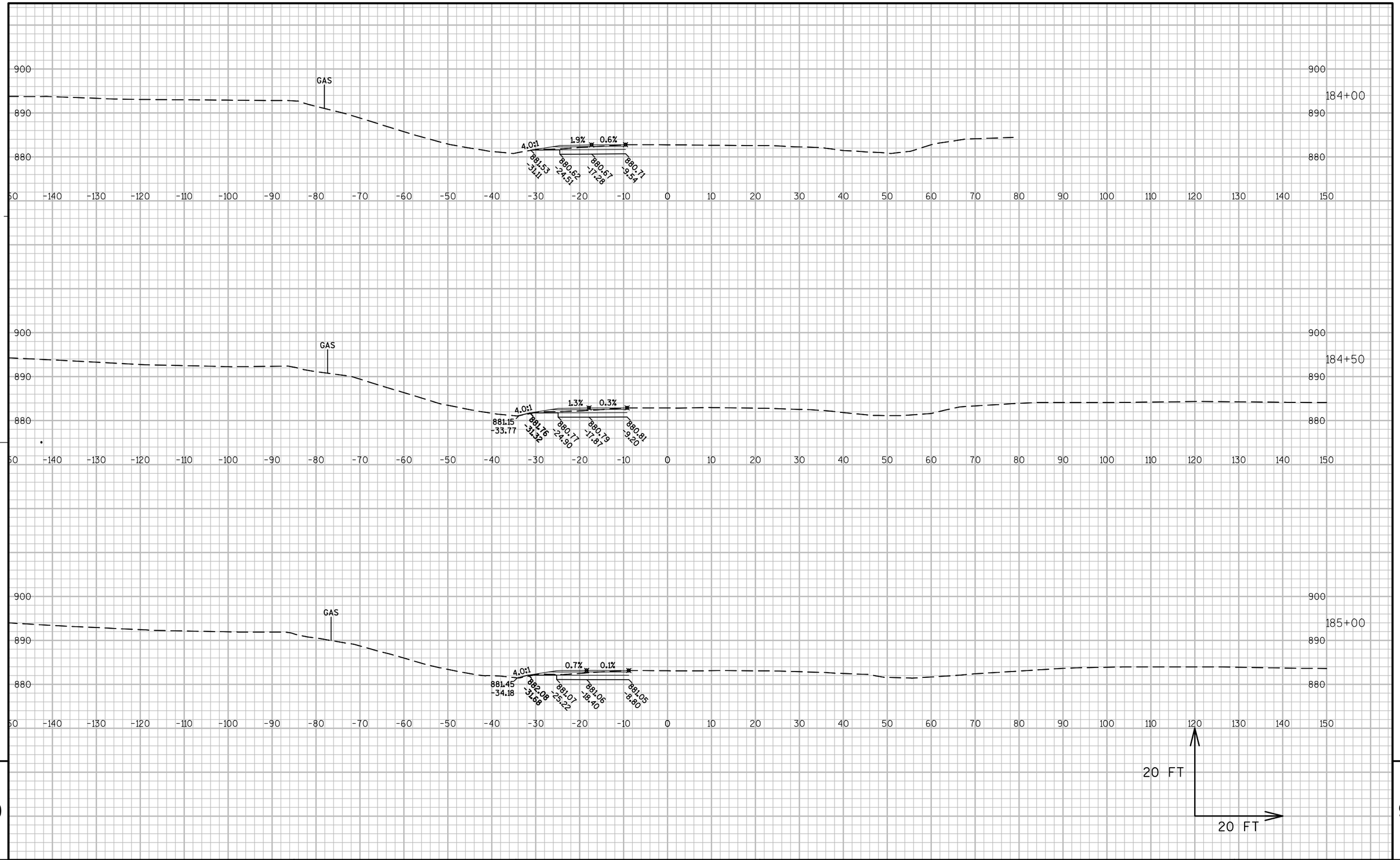
FILE NAME : C:\PWV8I-LOCAL\BAKER_PROJECTS\DYLAN.DOUGLAS\D0290664\090201-XS.DWG
LAYOUT NAME - 090201-1

PLOT DATE : 1/22/2016 7:34 AM PLOT BY : DYLAN DOUGLAS PLOT NAME : PLOT SCALE : 1 IN:20 FT



PROJECT NO:1010-02-78	HWY:IH 39	COUNTY:DANE	CROSS SECTIONS: STH 19	SHEET	E

FILE NAME : C:\PWV8I-LOCAL\BAKER_PROJECTS\DYLAN.DOUGLAS\D0290664\090201-XS.DWG
LAYOUT NAME - 090201-2
PLOT DATE : 1/22/2016 7:34 AM PLOT BY : DYLAN DOUGLAS PLOT NAME : PLOT SCALE : 1 IN:20 FT



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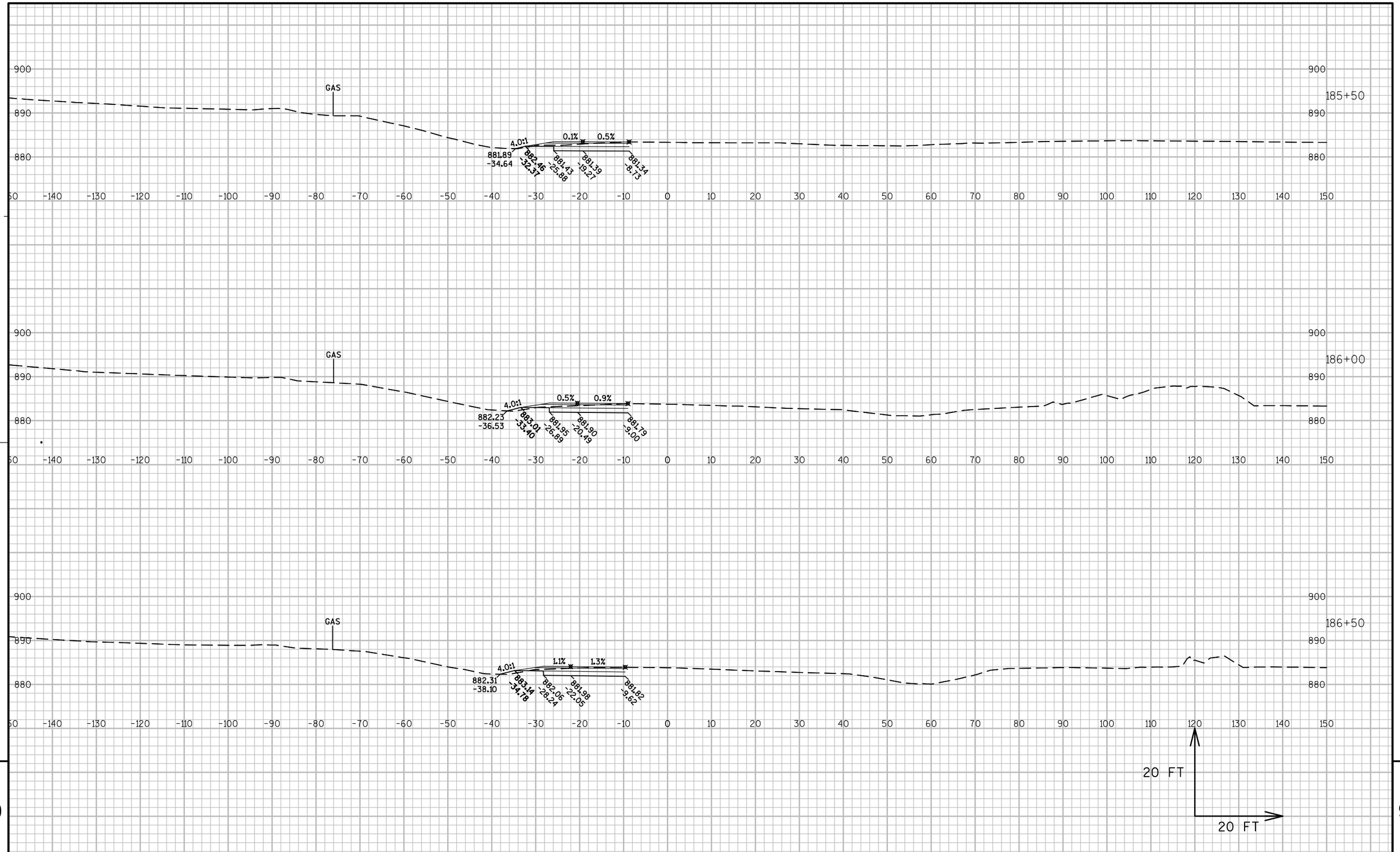
PROJECT NO:1010-02-78	HWY:IH 39	COUNTY:DANE	CROSS SECTIONS: STH 19	SHEET	E

FILE NAME : C:\PWV8I-LOCAL\BAKER_PROJECTS\DYLAN.DOUGLAS\D0290664\090201-XS.DWG
LAYOUT NAME - 090201-3

PLOT DATE : 1/22/2016 7:35 AM PLOT BY : DYLAN DOUGLAS PLOT NAME : PLOT SCALE : 1 IN:20 FT



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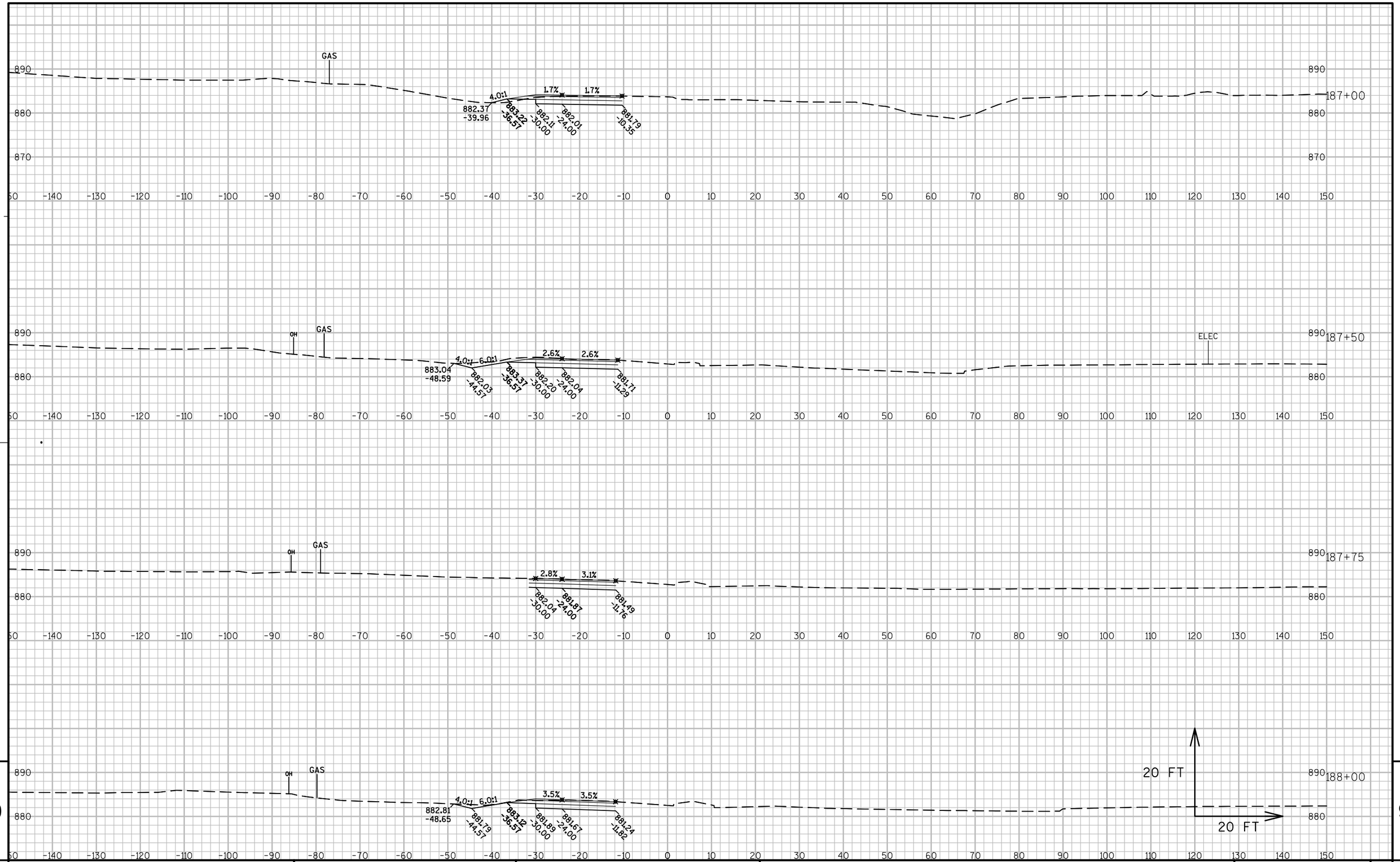
PROJECT NO:1010-02-78	HWY:IH 39	COUNTY:DANE	CROSS SECTIONS: STH 19	SHEET	E

FILE NAME : C:\PWV8I-LOCAL\BAKER_PROJECTS\DYLAN.DOUGLAS\D0290664\090201-XS.DWG
LAYOUT NAME - 090201-4

PLOT DATE : 1/22/2016 7:35 AM PLOT BY : DYLAN DOUGLAS PLOT NAME : PLOT SCALE : 1 IN:20 FT



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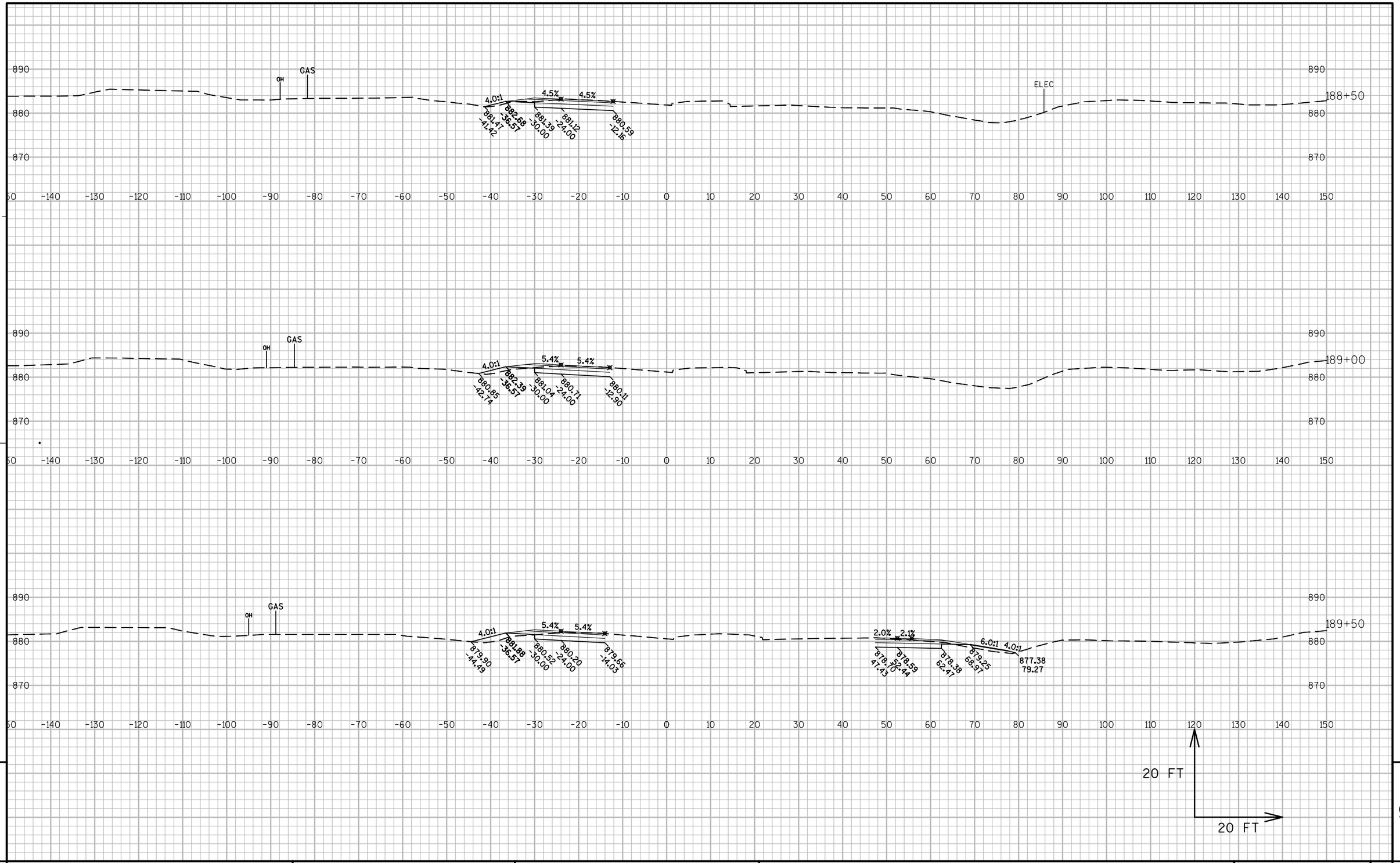
PROJECT NO:1010-02-78	HWY:IH 39	COUNTY:DANE	CROSS SECTIONS: STH 19	SHEET	E

FILE NAME : C:\PWV8I-LOCAL\BAKER_PROJECTS\DYLAN.DOUGLAS\D0290664\090201-XS.DWG
LAYOUT NAME - 090201-5

PLOT DATE : 1/22/2016 7:36 AM PLOT BY : DYLAN DOUGLAS PLOT NAME : PLOT SCALE : 1 IN:20 FT



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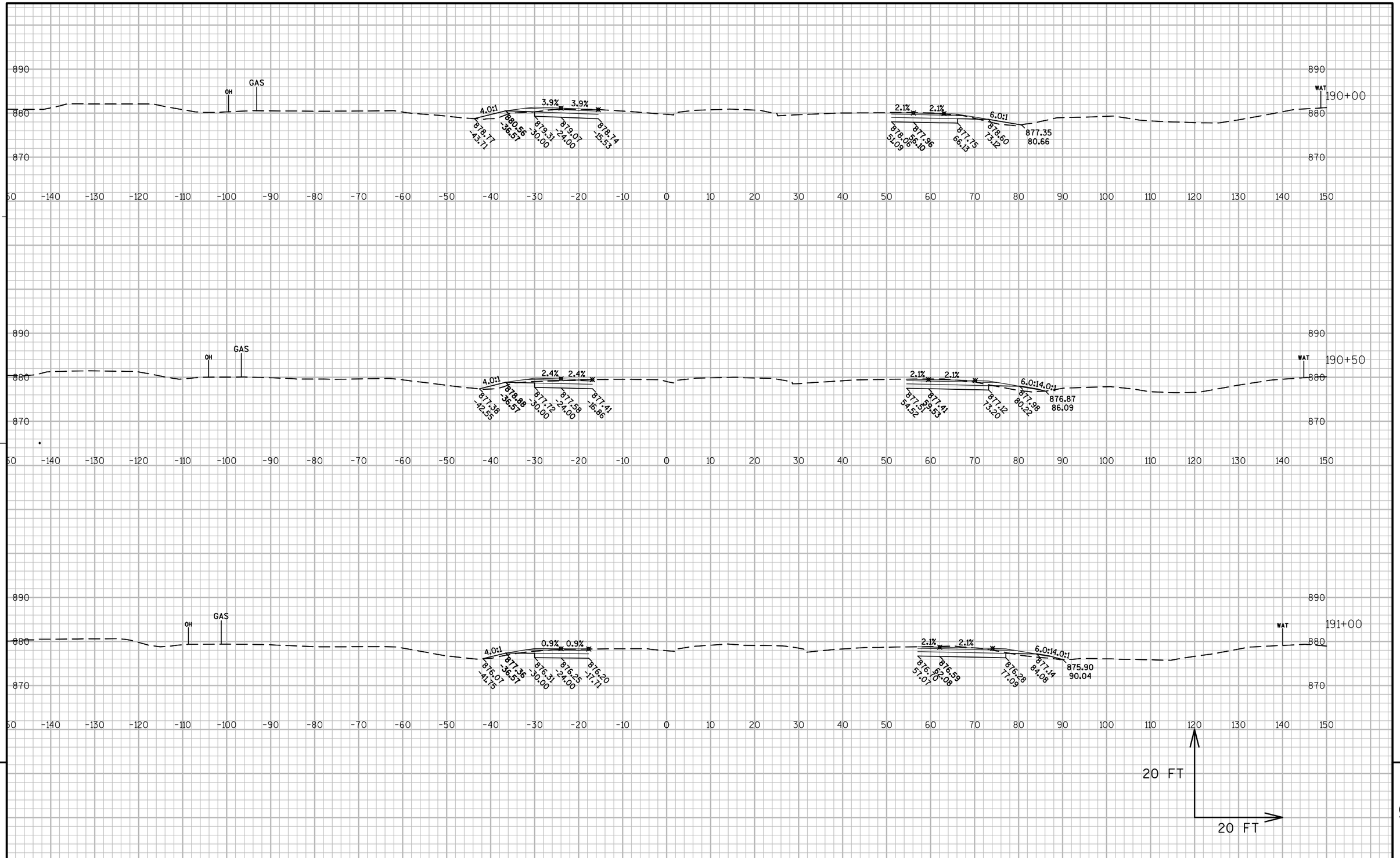
PROJECT NO:1010-02-78	HWY:IH 39	COUNTY:DANE	CROSS SECTIONS: STH 19	SHEET	E

FILE NAME : C:\PWV8I-LOCAL\BAKER_PROJECTS\DYLAN.DOUGLAS\D0290664\090201-XS.DWG
LAYOUT NAME - 090201-6

PLOT DATE : 1/22/2016 7:36 AM PLOT BY : DYLAN DOUGLAS PLOT NAME : PLOT SCALE : 1 IN:20 FT



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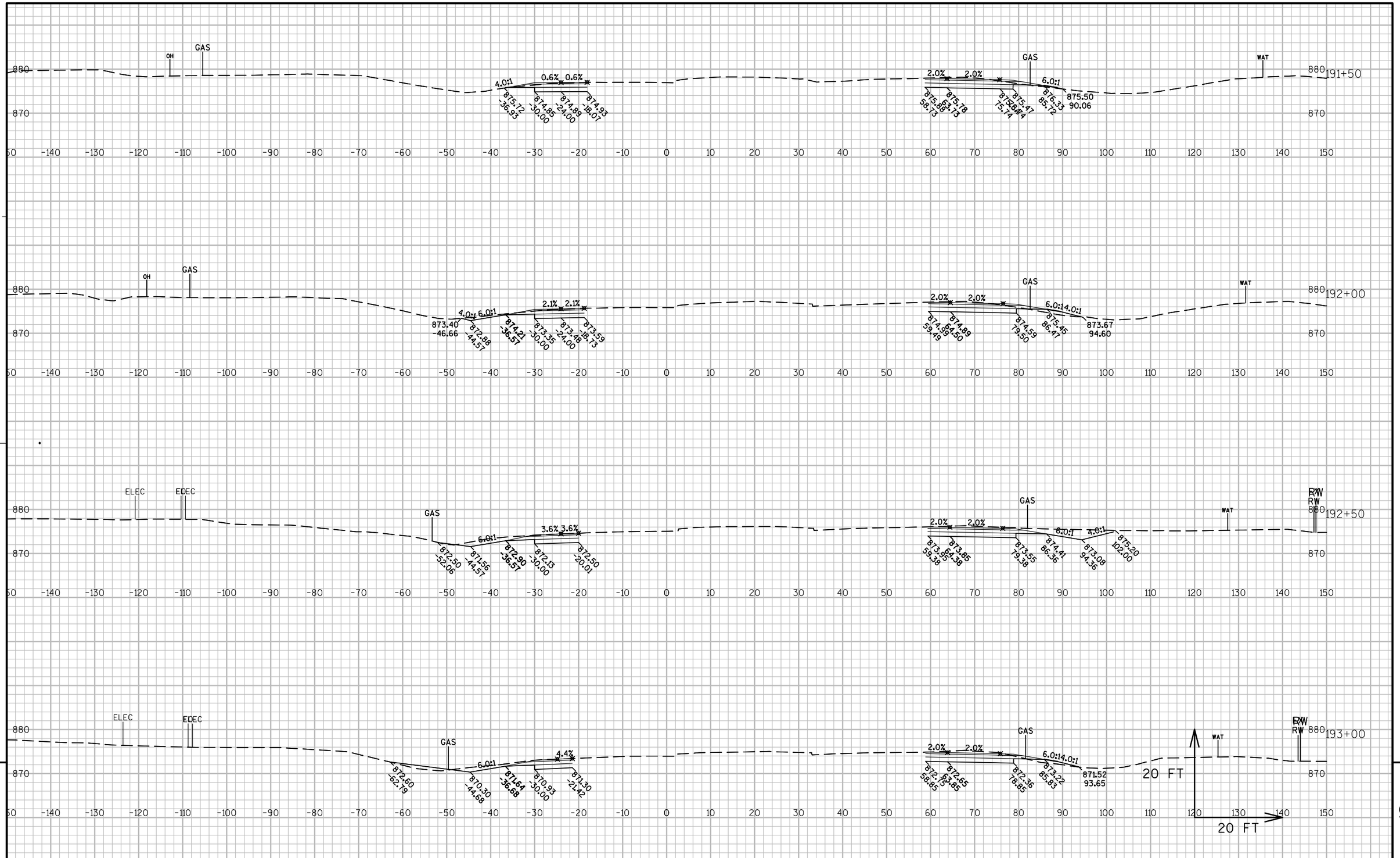
PROJECT NO:1010-02-78	HWY:IH 39	COUNTY:DANE	CROSS SECTIONS: STH 19	SHEET	E

FILE NAME : C:\PWV8I-LOCAL\BAKER_PROJECTS\DYLAN.DOUGLAS\D0290664\090201-XS.DWG
LAYOUT NAME - 090201-7

PLOT DATE : 1/22/2016 7:36 AM PLOT BY : DYLAN DOUGLAS PLOT NAME : PLOT SCALE : 1 IN:20 FT

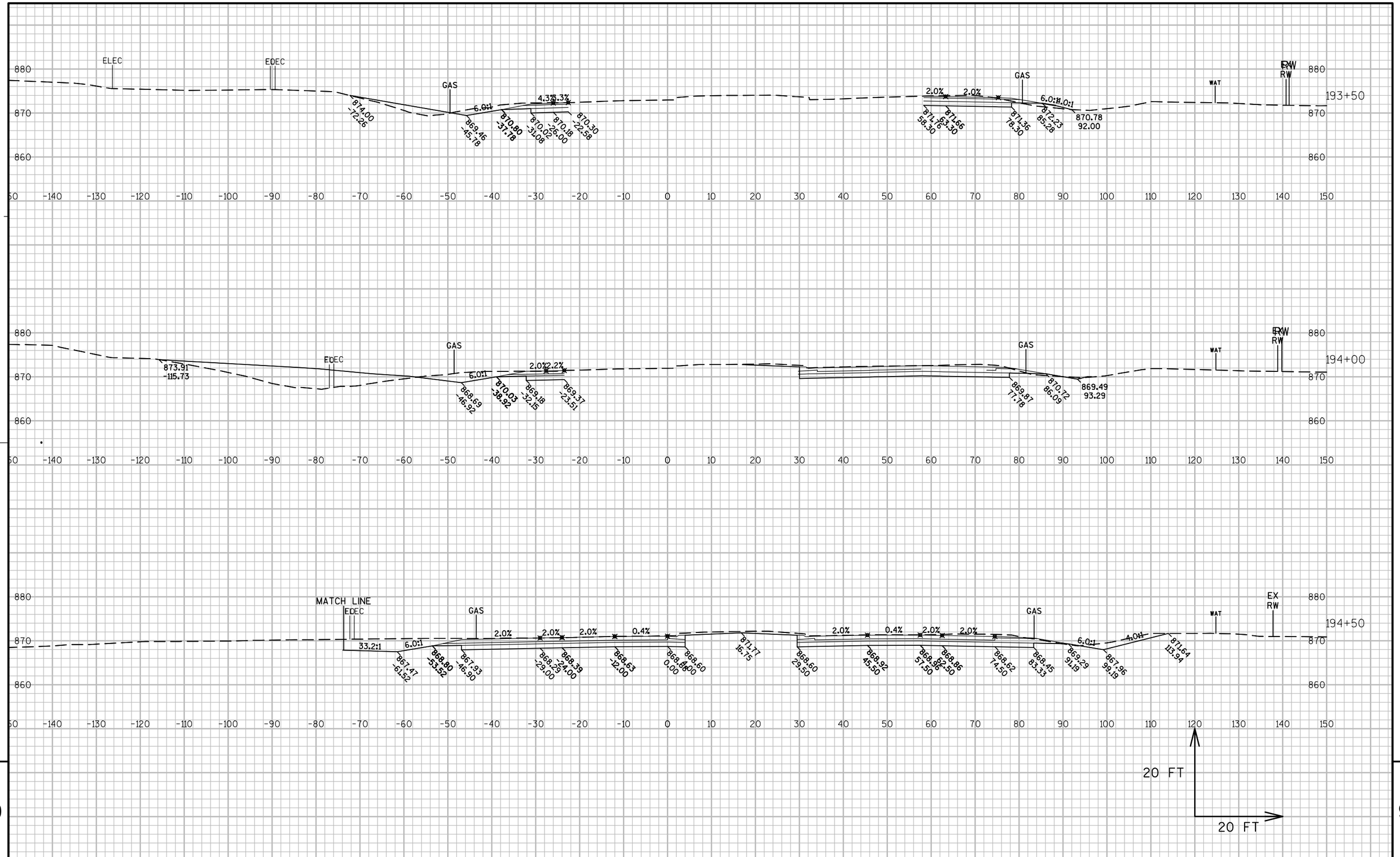


PROJECT NO:1010-02-78	HWY:IH 39	COUNTY:DANE	CROSS SECTIONS: STH 19	SHEET	E

FILE NAME : C:\PWV8I-LOCAL\BAKER_PROJECTS\DYLAN.DOUGLAS\D0290664\090201-XS.DWG
LAYOUT NAME - 090201-8

PLOT DATE : 1/22/2016 7:37 AM PLOT BY : DYLAN DOUGLAS PLOT NAME : PLOT SCALE : 1 IN:20 FT

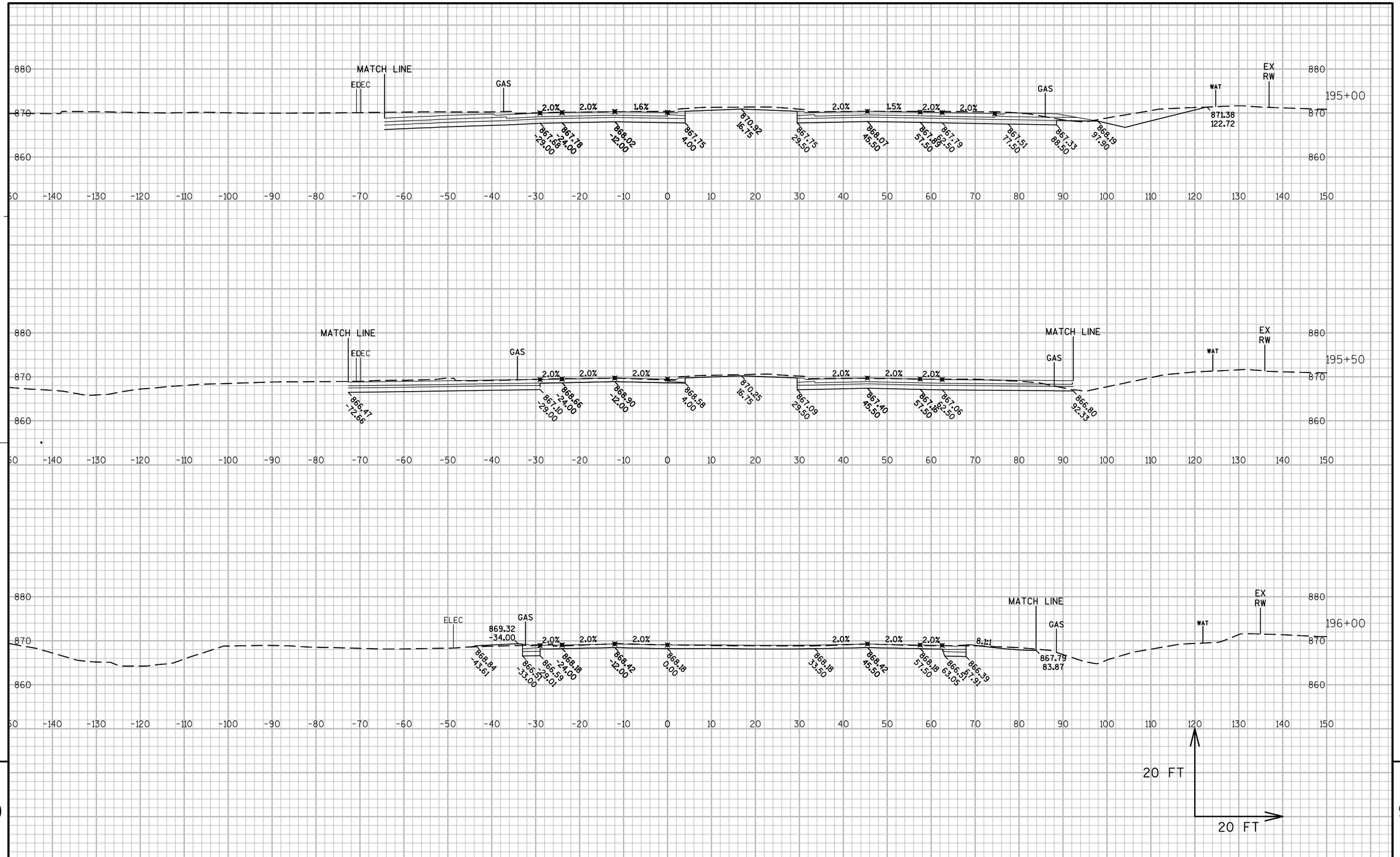
WISDOT/CADDS SHEET 49



PROJECT NO:1010-02-78	HWY:IH 39	COUNTY:DANE	CROSS SECTIONS: STH 19	SHEET	E

FILE NAME : C:\PWV8I-LOCAL\BAKER_PROJECTS\DYLAN.DOUGLAS\D0290664\090201-XS.DWG
LAYOUT NAME - 090201-9
PLOT DATE : 1/22/2016 7:37 AM PLOT BY : DYLAN DOUGLAS PLOT NAME : PLOT SCALE : 1 IN:20 FT

WISDOT/CADDS SHEET 49

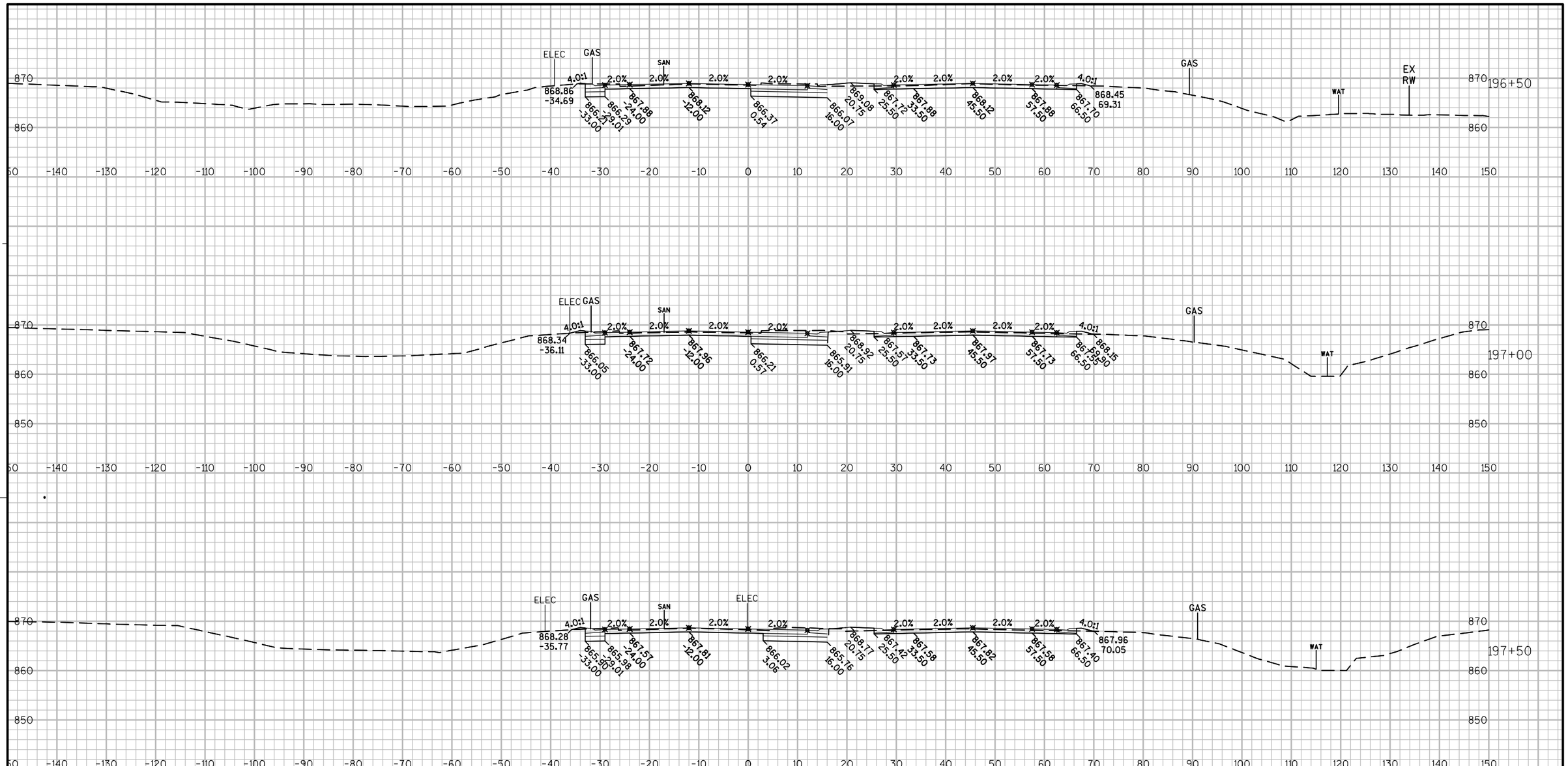


PROJECT NO:1010-02-78	HWY:IH 39	COUNTY:DANE	CROSS SECTIONS: STH 19	SHEET	E

FILE NAME : C:\PWV8I-LOCAL\BAKER_PROJECTS\DYLAN.DOUGLAS\D0290664\090201-XS.DWG
LAYOUT NAME - 090201-10

PLOT DATE : 1/22/2016 7:38 AM PLOT BY : DYLAN DOUGLAS PLOT NAME : PLOT SCALE : 1 IN:20 FT

WISDOT/CADDS SHEET 49



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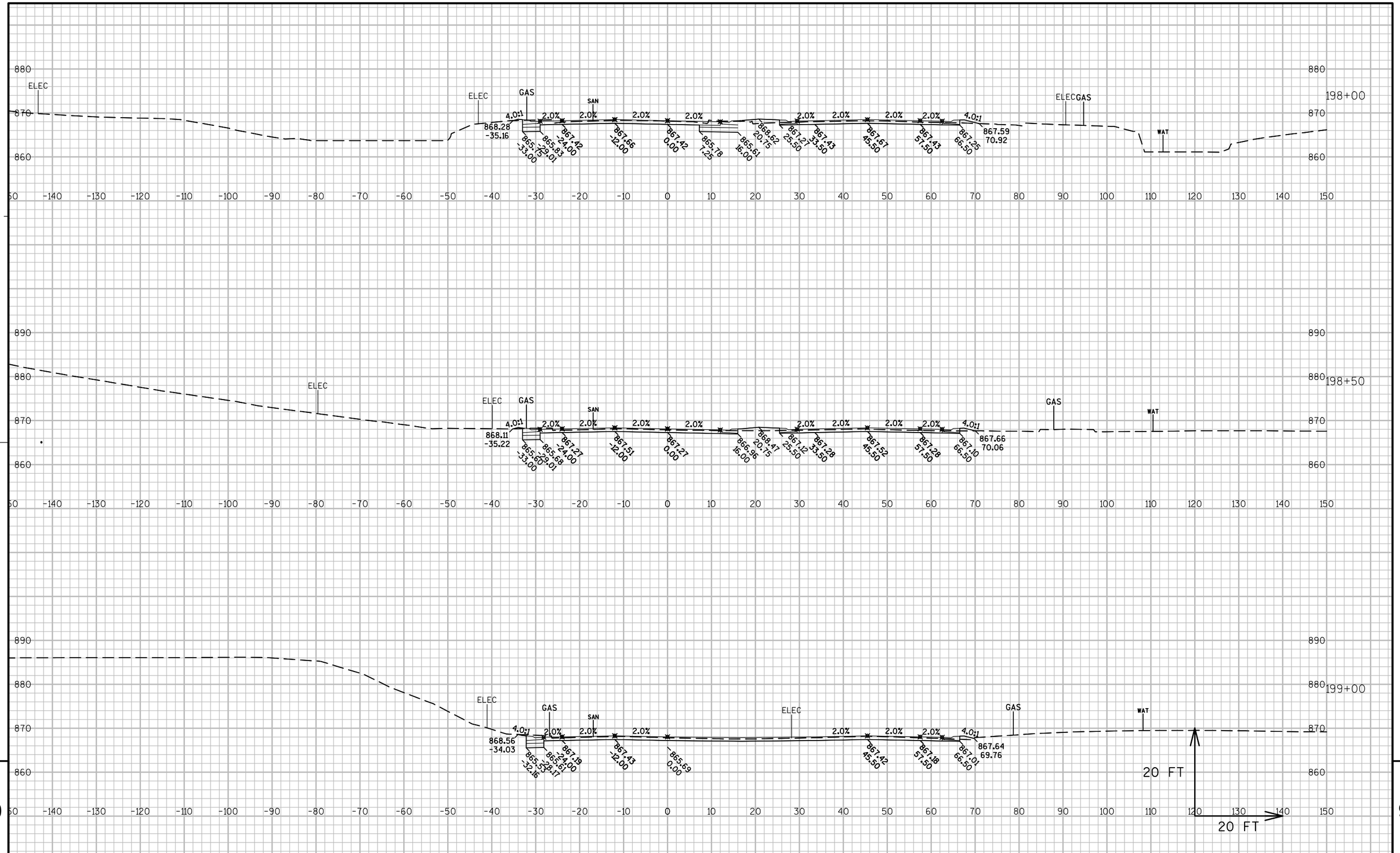
PROJECT NO:1010-02-78	HWY:IH 39	COUNTY:DANE	CROSS SECTIONS: STH 19	SHEET	E

FILE NAME : C:\PWV8I-LOCAL\BAKER_PROJECTS\DYLAN.DOUGLAS\D0290664\090201-XS.DWG
LAYOUT NAME - 090201-11

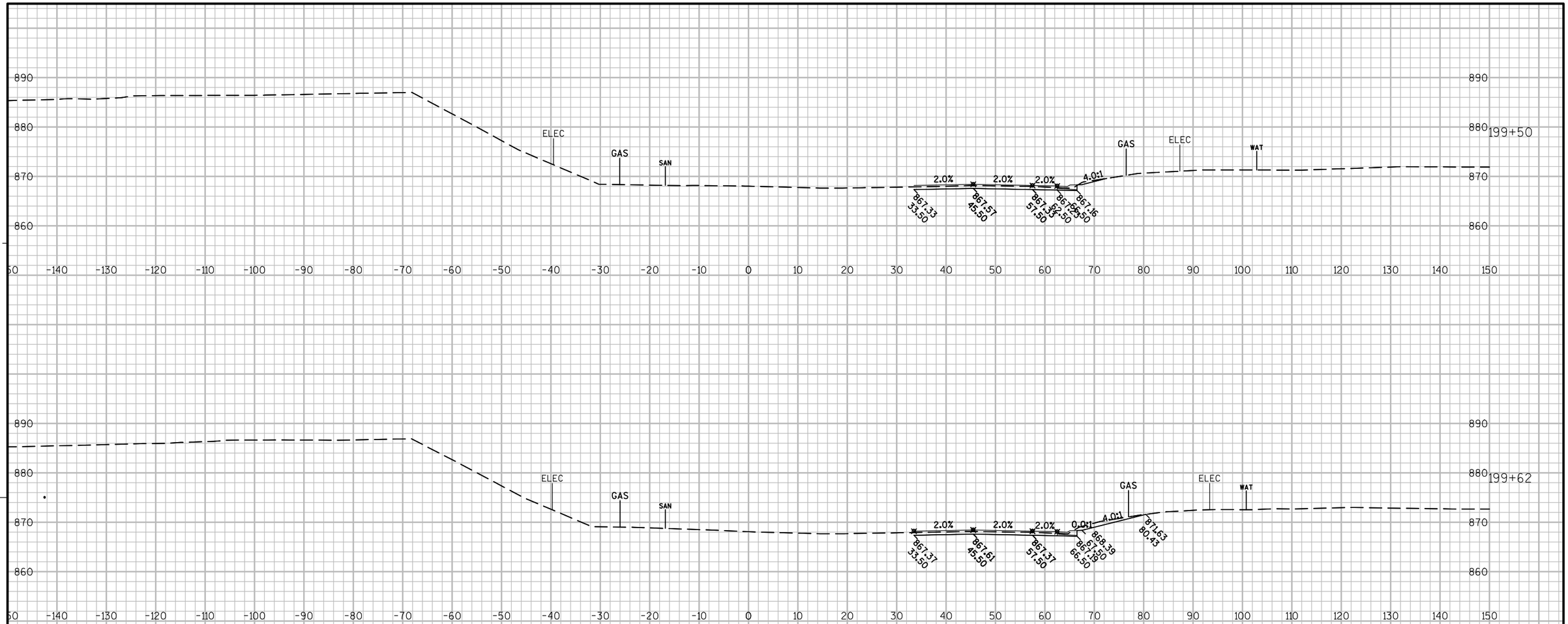
PLOT DATE : 1/22/2016 7:38 AM PLOT BY : DYLAN DOUGLAS PLOT NAME : PLOT SCALE : 1 IN:20 FT

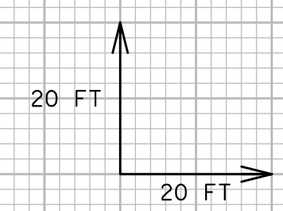


PROJECT NO:1010-02-78	HWY:IH 39	COUNTY:DANE	CROSS SECTIONS: STH 19	SHEET	E

FILE NAME : C:\PWV8I-LOCAL\BAKER_PROJECTS\DYLAN.DOUGLAS\D0290664\090201-XS.DWG
LAYOUT NAME - 090201-12
PLOT DATE : 1/22/2016 7:38 AM PLOT BY : DYLAN DOUGLAS PLOT NAME : PLOT SCALE : 1 IN:20 FT

WISDOT/CADDS SHEET 49





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PROJECT NO:1010-02-78	HWY:IH 39	COUNTY:DANE	CROSS SECTIONS: STH 19	SHEET	E

FILE NAME : C:\PWV8I-LOCAL\BAKER_PROJECTS\DYLAN.DOUGLAS\D0290664\090201-XS.DWG
LAYOUT NAME - 090201-13

PLOT DATE : 1/22/2016 7:39 AM PLOT BY : DYLAN DOUGLAS PLOT NAME : PLOT SCALE : 1 IN:20 FT