

GENERAL NOTES

CROSS SLOPES AS SHOWN ON THE TYPICAL SECTION WILL VARY AT URBAN INTERSECTIONS.

ALL RADII ARE MEASURED TO THE EDGE OF PAVEMENT (FLAG OF CURB) UNLESS OTHERWISE NOTED.

REMOVE ASPHALTIC SURFACE TO THE NEAREST JOINT OR A SAWED EDGE AS DIRECTED BY THE ENGINEER.

WHEN THE QUANTITY OF THE ITEMS OF BASE AGGREGATE OR SUBBASE ARE MEASURED FOR PAYMENT BY THE TON OR CUBIC YARD, THE DEPTH OR THICKNESS OF THE LAYERS SHOWN ON THE PLAN IS APPROXIMATE AND THE ACTUAL THICKNESS WILL DEPEND ON THE DISTRIBUTION OF THE MATERIAL AS DIRECTED BY THE ENGINEER.

RESHAPE AND SEED ANY PREVIOUSLY GRASSED AREAS THAT ARE DISTURBED BY OPERATIONS OUTSIDE THE NORMAL CONSTRUCTION LIMITS.

THE QUANTITY OF THE ITEMS FOR EROSION PROTECTION INCLUDES AN UNDISTRIBUTED AMOUNT FOR PROTECTION, CONTROL AND ABATEMENT OF WATER POLLUTION RESULTING FROM SOIL EROSION. THE DISTRIBUTION AND LOCATION OF THESE MATERIALS ARE TO BE DETERMINED BY THE ENGINEER.

MULCH ALL SEED AND FERTILIZED AREAS, IN THE PERFORMANCE OF THE WORK UNDER THE ITEM MULCHING AS DIRECTED BY THE ENGINEER.

EXISTING FILL HEIGHTS LISTED AT CULVERT REPLACEMENT LOCATIONS ARE ESTIMATES.

REMOVAL OF ANY SURVEY MARKER REQUIRES APPROVAL OF THE ENGINEER.

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

EXISTING RIGHT-OF-WAY SHOWN ON PLAN SHEETS IS FROM RECORD DRAWINGS (HAS NOT BEEN SURVEYED) AND IS APPROXIMATE.

LOCATIONS OF PAVEMENT MARKINGS AND PERMANENT SIGNING IN THE FIELD ARE DETERMINED BY THE MUTCD & WISCONSIN SUPPLEMENT AND STANDARD DETAIL DRAWINGS. STATION AND OFFSETS PROVIDED IN THE MISCELLANEOUS QUANTITIES OR PLAN SHEETS ARE ONLY PROVIDED FOR APPROXIMATE LOCATING AND CONTRACT ADMINISTRATION.

DESIGN CONTACT

7028-00-30,60 ROADWAY DESIGN

WISCONSIN DEPT. OF TRANSPORTATION
NW REGION - EAU CLAIRE OFFICE

718 W CLAIREMONT AVE
EAU CLAIRE WI 54701
715-836-2729

MUNICIPAL CONTACTS

CITY OF EAU CLAIRE

DAVID SOLBERG
CITY ENGINEER
203 S FARWELL STREET
EAU CLAIRE WI

ENVIRONMENTAL CONTACTS

DEPT. OF NATURAL RESOURCES

WISCONSIN DNR WEST CENTRAL REGION
ENVIRONMENTAL IMPACT AND REVIEW SPECIALIST
1300 W CLAIREMONT AVE
PO BOX 4001
EAU CLAIRE WI 54702-4001
715-839-3700

24 HOUR SPILLS HOTLINE
800-943-0003

RAILROAD CONTACT

RAILROAD CROSSINGS 187446A AND 187447G
UNION PACIFIC

UTILITY CONTACTS

AT&T LEGACY
COPY ALL CORRESPONDENCE TO:
CARL DONAHUE
866 ROCK CREEK RD
PLANO IL 60545
630-552-9785

(COMMUNICATIONS LINE)
BILL KOENIG
PO BOX 244
LAKE MILLS WI 53551
608-628-0575

AT&T WISCONSIN
fka WISCONSIN BELL
(COMMUNICATION LINE)
RICK PODOLAK
304 S DEWEY ST
EAU CLAIRE WI 54701
715-839-5565

CHARTER COMMUNICATIONS
(COMMUNICATIONS LINE)
JAMEY OLDEEN
2304 S MAIN ST
RICE LAKE WI 54868
715-236-5005

CHIPPEWA VALLEY REGIONAL AIRPORT
(AIRPORT FACILITY)
CHARITY SPEICH
3800 STARR AVE
EAU CLAIRE WI 54703
715-839-4900

CITY OF EAU CLAIRE UTILITIES
(SEWER)
JEFFREY PIPPENGER
910 FOREST ST
EAU CLAIRE WI 54703
715-839-4920

CITY OF EAU CLAIRE UTILITIES
(WATER)
JEFFREY PIPPENGER
910 FOREST ST
EAU CLAIRE WI 54703
715-839-4920

DAIRYLAND POWER COOPERATIVE
(ELECTRICTY)
KURT CHILDS
3200 EAST AVE S
PO BOX 817
LA CROSSE WI 54602
715-788-4000

EAU CLAIRE ENERGY COOPERATIVE
(ELECTRICTY)
GARY BRECKA
8214 US HWY 12
FALL CREEK WI 54742-0368
715-832-1603

LEVEL 3 COMMUNICATIONS LLC
(COMMUNICATION LINE)
TREVOR PEEVEY
1122 CAPITAL OF TEXAS HWY SOUTH
AUSTIN TX 78746
512-742-3805

QWEST COMMUNICATIONS
(COMMUNICATION LINE)
*1077 - NO REPLY
BOB SAMPSON
636-887-4751

VIKING GAS TRANSMISSION COMPANY
(GAS/PETROLEUM)
ANTHONY RICCI
13506 CTH 00
CHIPPEWA FALLS WI 54729
715-726-2282

WEST WISCONSIN TELCOM COOPERATIVE
(COMMUNICATION LINE)
BRADLEY SCHMIDTKNECHT
5808 OLD MILL PLAZA
EAU CLAIRE WI 54703
715-231-0504

XCEL ENERGY
fka NORTHERN STATES POWER
COPY ALL CORRESPONDENCE TO:
DAWN SCHULTZ
1414 W HAMILTON AVE
PO BOX 8
EAU CLAIRE WI 54702-0008
715-737-2574

(ELECTRICITY - TRANSMISSION)
RON JOHNSON
414 NICOLLET MALL
MINNEAPOLIS MN 55401
OFFICE 612-330-6531
MOBILE 651-387-7895

(ELECTRICITY - DISTRIBUTION)
DAN J KLEIN
1400 WESTERN AVENUE
PO BOX 0008
EAU CLAIRE WI 54702-0008
OFFICE 715-737-4203
MOBILE 715-577-7729

(GAS/PETROLEUM)
CONTACT
ADDRESS1
ADDRESS2
CITY STATE ZIP
PHONE

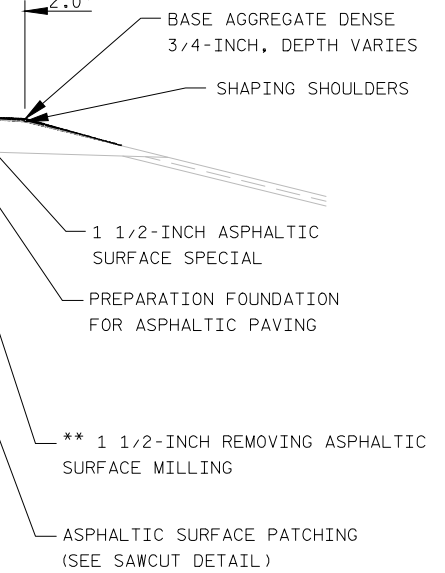
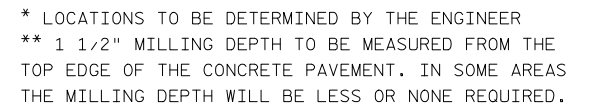
LIST OF STANDARD ABBREVIATIONS

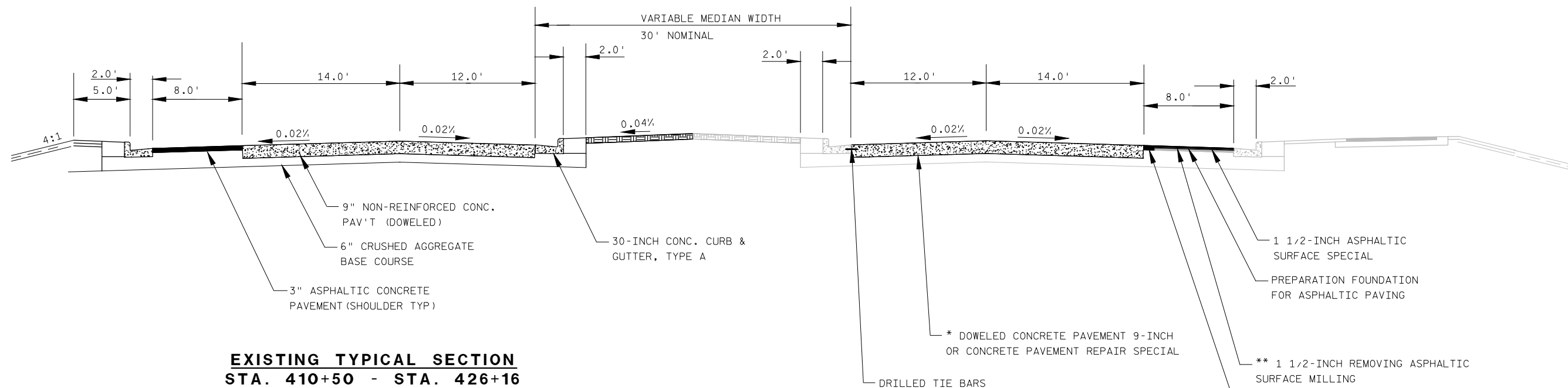
ABUT	ABUTMENT
AC	ACRE
AGG	AGGREGATE
AH	AHEAD
ASPH	ASPHALTIC
AADT	ANNUAL AVERAGE DAILY TRAFFIC
BK.	BACK
BM	BENCH MARK
BR	BRANCH
CONC	CONCRETE
CACP	CORRUGATED ALUMINUM CULVERT PIPE
CSCP	CORRUGATED STEEL CULVERT PIPE
CTH	COUNTY TRUNK HIGHWAY
CR	CREEK
CR	CRUSHED
CY or CUYD	CUBIC YARD
D	DEGREE OF CURVE
DHV	DESIGN HOUR VOLUME
DD	DIRECTIONAL DISTRIBUTION
DL	DITCH LINE / TOE OF SLOPE
EB	EASTBOUND
EL or ELEV	ELEVATION
EMB	EMBANKMENT
ESALS	EQUIVALENT SINGLE AXLE LOADS
EXC	EXCAVATION
EBS	EXCAVATION BELOW SUBGRADE
EXIST	EXISTING
EXP	EXPANSION
FE	FIELD ENTRANCE
HES	HIGH EARLY STRENGTH
CWT	HUNDRED WEIGHT
LT	LEFT
LHF	LEFT HAND FORWARD
LF	LINEAR FOOT
LS	LUMP SUM
MH	MANHOLE
NC	NORMAL CROWN
PAVT	PAVEMENT
PLE	PERMANENT LIMITED EASEMENT
PT	POINT
PC	POINT OF CURVATURE
PI	POINT OF INTERSECTION
PT	POINT OF TANGENCY
POC	POINT ON CURVE
POT	POINT ON TANGENT
PE	PRIVATE ENTRANCE
PL	PROPERTY LINE
R	RADIUS
RP	RADIUS POINT
R	RANGE
REBAR	REINFORCEMENT BAR
REQD	REQUIRED
RT	RIGHT
RHF	RIGHT-HAND-FORWARD
R/W	RIGHT-OF-WAY
R	RIVER
RD	ROAD
SALV	SALVAGED
SEC	SECTION
SF	SQUARE FEET
SI	SLOPE INTERCEPT
SY	SQUARE YARD
SS	SLOPED SECTION
STH	STATE TRUNK HIGHWAY
STA	STATION
SE	SUPERELEVATION
T	TANGENT
TEL	TELEPHONE
TEMP	TEMPORARY
TC	TOP OF CURB
T or TN	TOWN
T	TRUCKS (PERCENT OF)
TYP	TYPICAL
UG	UNDERGROUND
USH	UNITED STATES HIGHWAY
VAR	VARIABLE
V	VELOCITY or DESIGN SPEED
VERT	VERTICAL
VC	VERTICAL CURVE
VPC	VERTICAL POINT OF CURVE
VPI	VERTICAL POINT OF INTERSECTION
VPT	VERTICAL POINT OF TANGENCY
VAR	VARIABLE
WB	WESTBOUND



Dial 811 or (800)242-8511

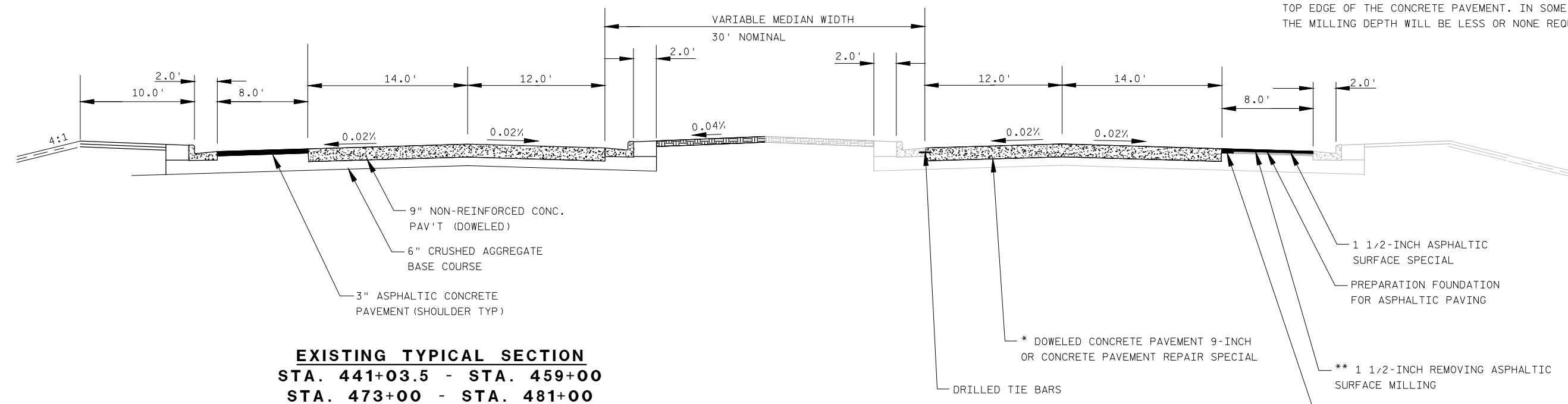
www.DiggersHotline.com





FINISHED TYPICAL SECTION
STA. 410+50 - STA. 426+16

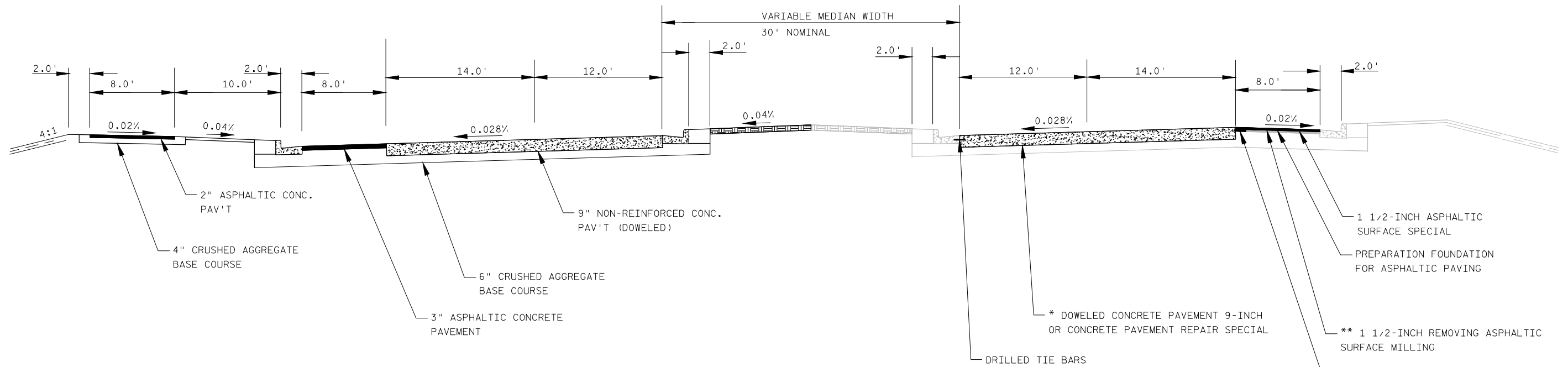
Labels for Finished Section:
 1 1/2-INCH ASPHALTIC SURFACE SPECIAL
 PREPARATION FOUNDATION FOR ASPHALTIC PAVING
 ** 1 1/2-INCH REMOVING ASPHALTIC SURFACE MILLING
 ASPHALTIC SURFACE PATCHING (SEE SAWCUT DETAIL)
 * DOWELED CONCRETE PAVEMENT 9-INCH OR CONCRETE PAVEMENT REPAIR SPECIAL
 DRILLED TIE BARS



FINISHED TYPICAL SECTION
STA. 441+03.5 - STA. 459+00
STA. 473+00 - STA. 481+00

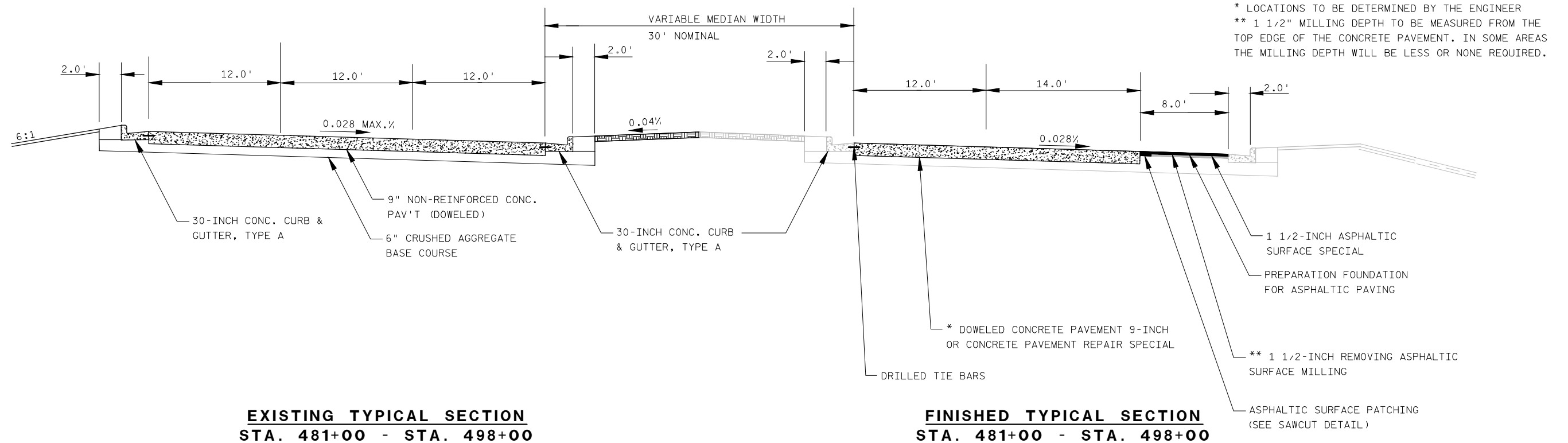
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 ASPHALTIC SURFACE PATCHING (SEE SAWCUT DETAIL)
 * DOWELED CONCRETE PAVEMENT 9-INCH OR CONCRETE PAVEMENT REPAIR SPECIAL
 DRILLED TIE BARS

* LOCATIONS TO BE DETERMINED BY THE ENGINEER
 ** 1 1/2" MILLING DEPTH TO BE MEASURED FROM THE TOP EDGE OF THE CONCRETE PAVEMENT. IN SOME AREAS THE MILLING DEPTH WILL BE LESS OR NONE REQUIRED.



EXISTING TYPICAL SECTION
STA. 459+00 - STA. 473+00

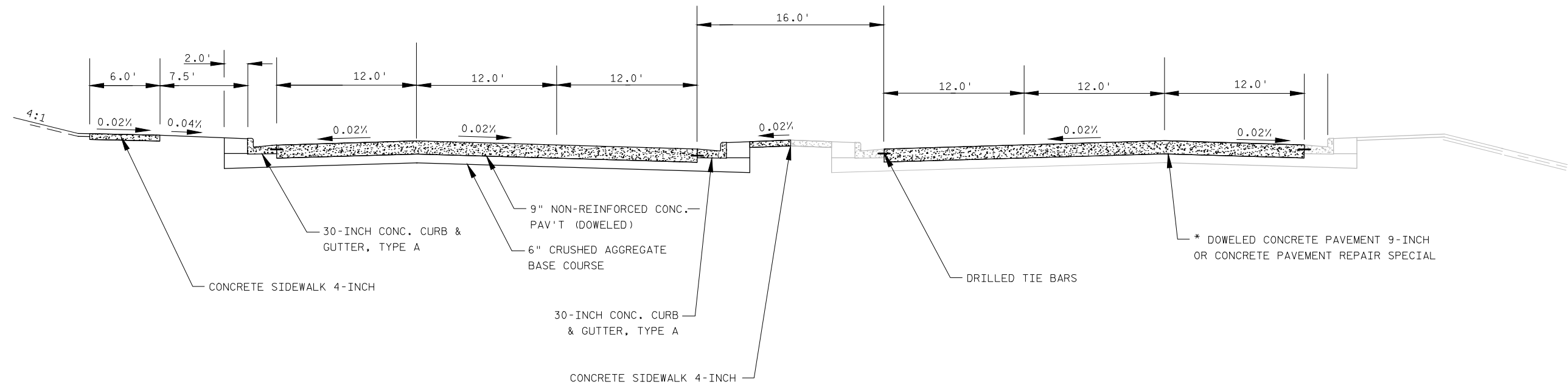
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EXISTING TYPICAL SECTION
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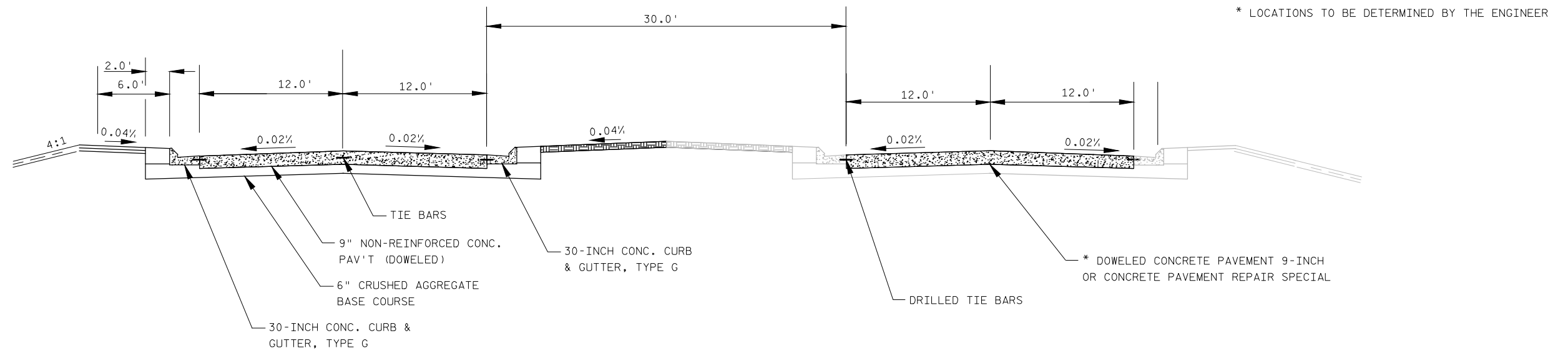
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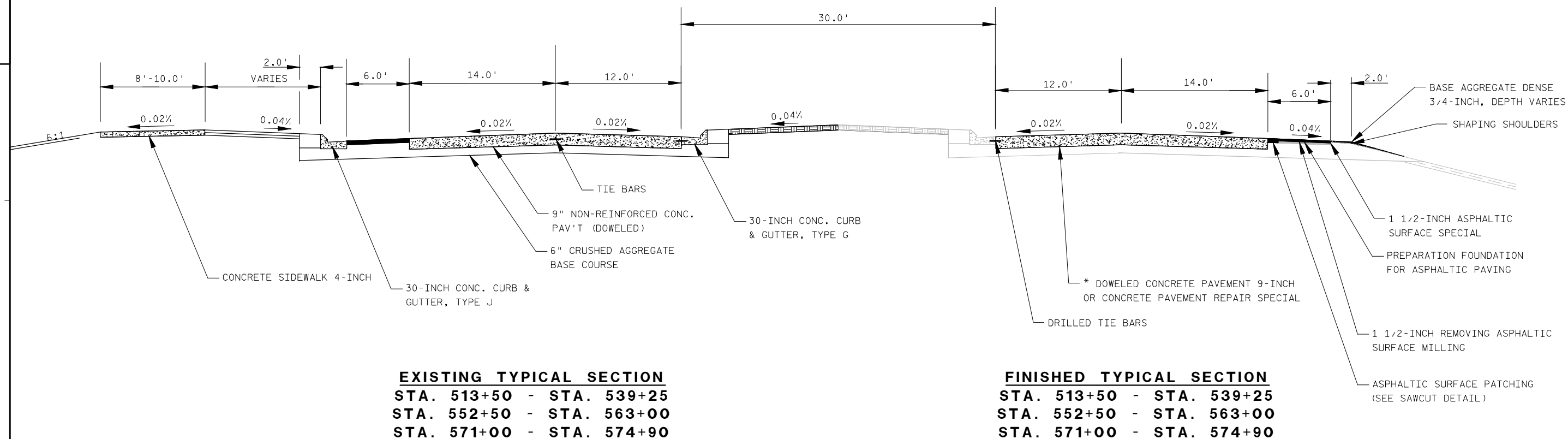
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FINISHED TYPICAL SECTION
STA. 498+00 - STA. 503+00

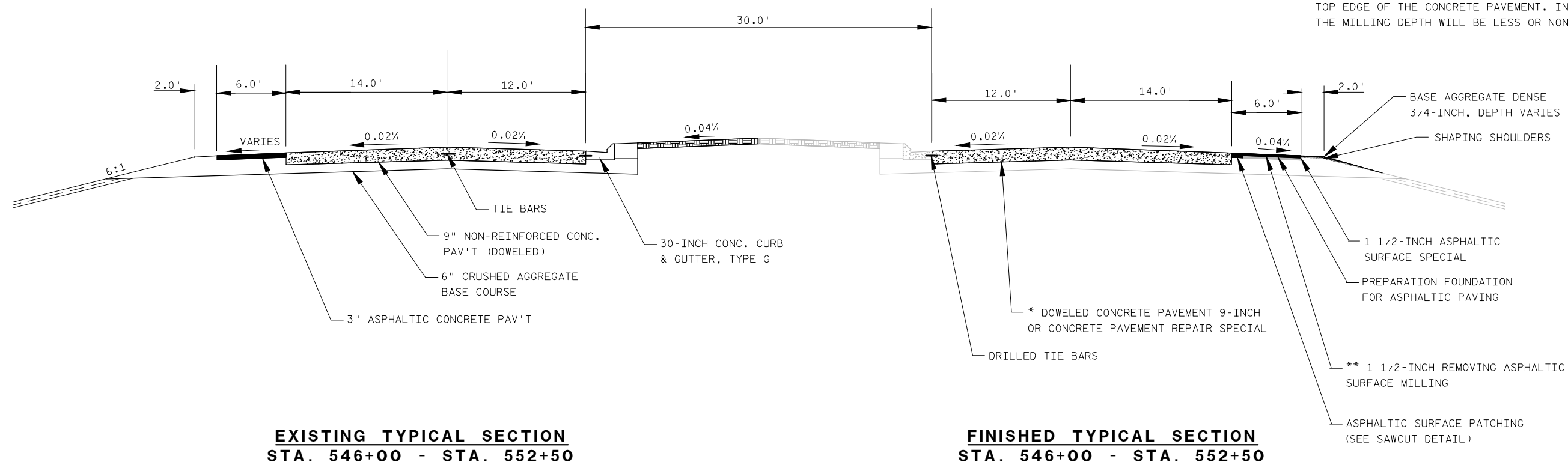


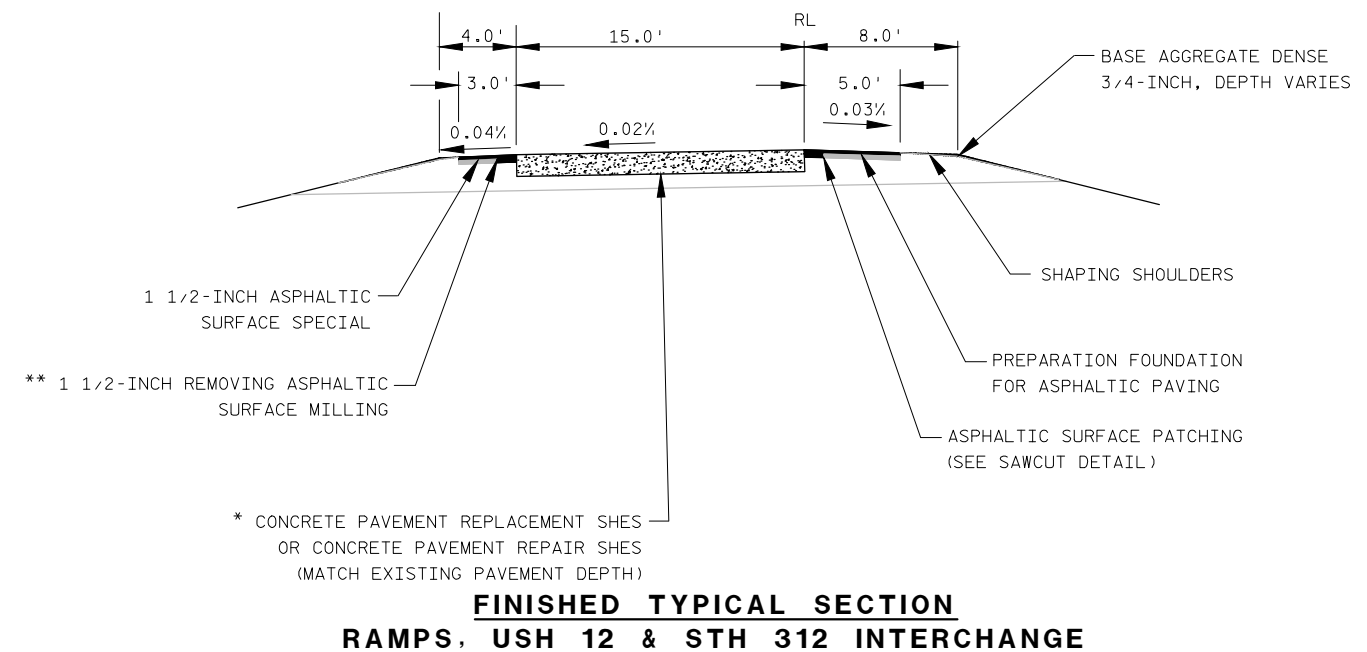
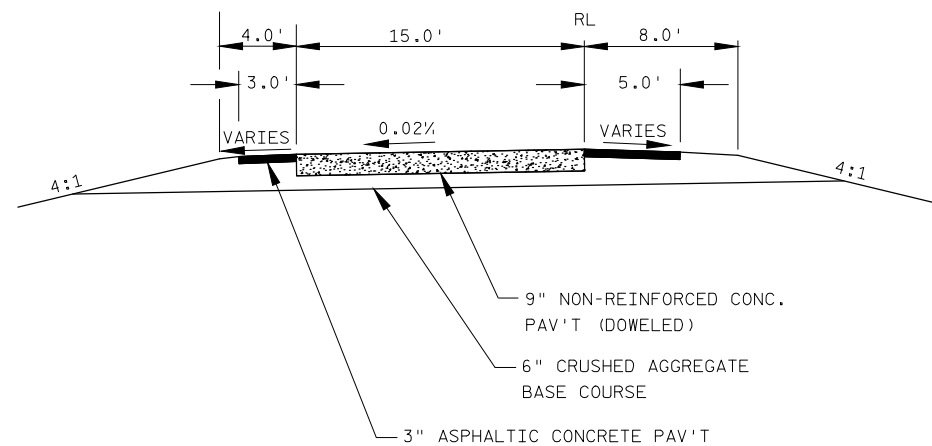
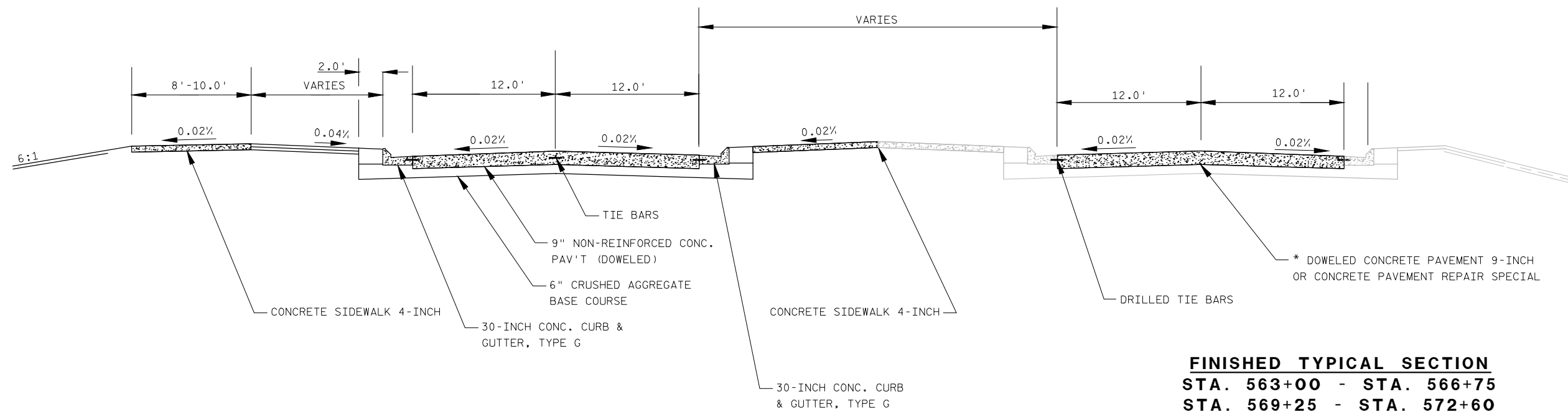
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FINISHED TYPICAL SECTION
STA. 503+00 - STA. 513+50

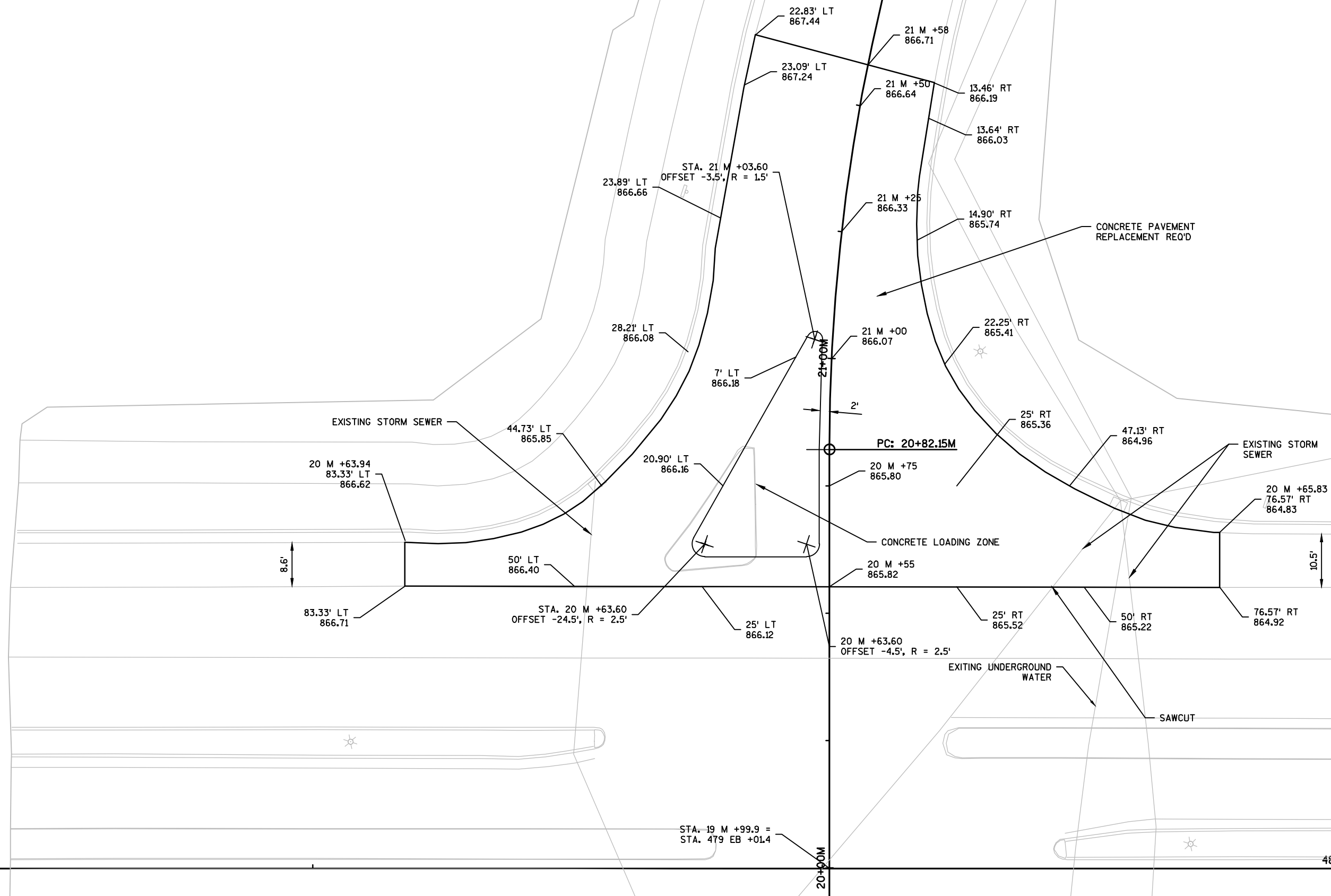


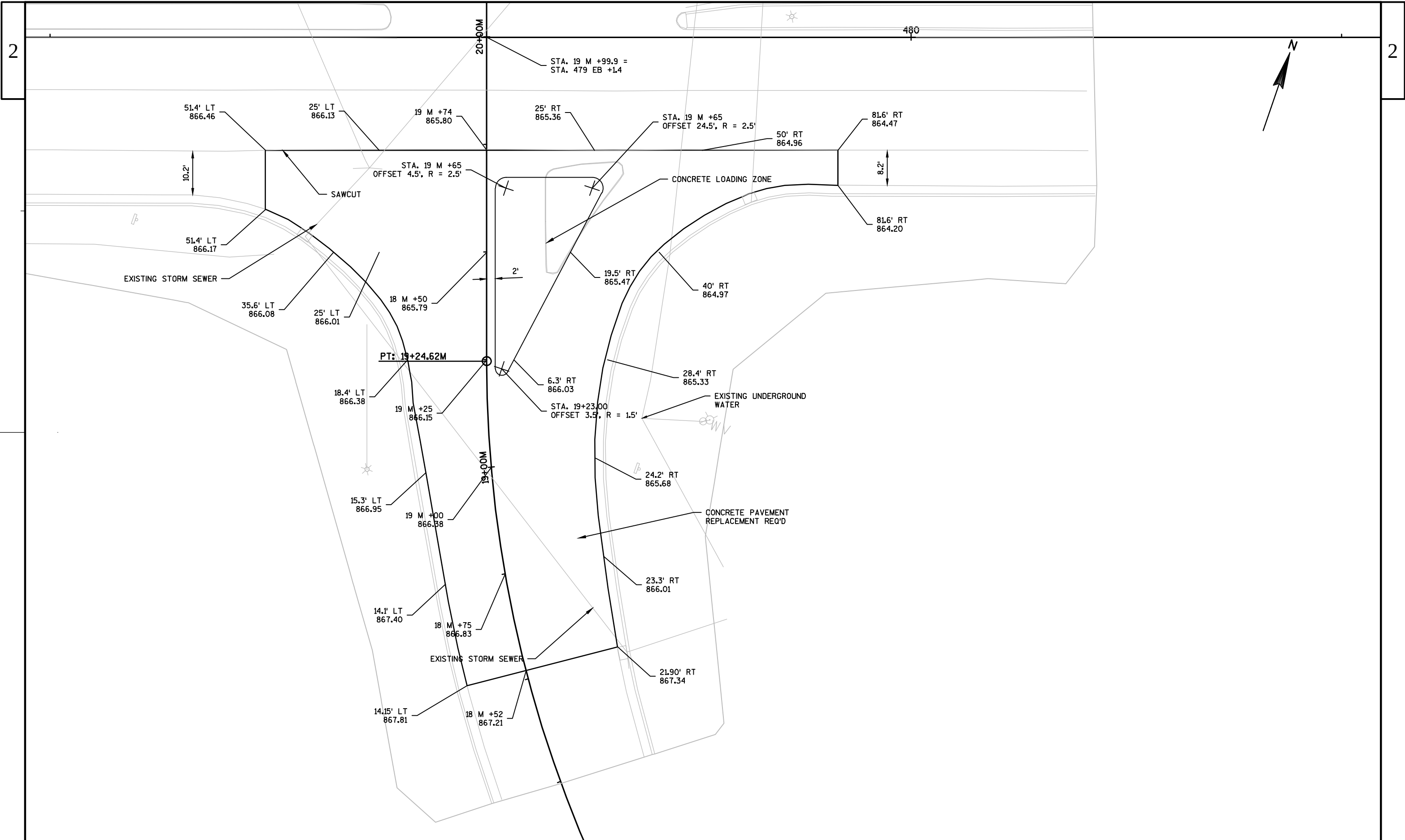
* LOCATIONS TO BE DETERMINED BY THE ENGINEER
 ** 1 1/2" MILLING DEPTH TO BE MEASURED FROM THE TOP EDGE OF THE CONCRETE PAVEMENT. IN SOME AREAS THE MILLING DEPTH WILL BE LESS OR NONE REQUIRED.

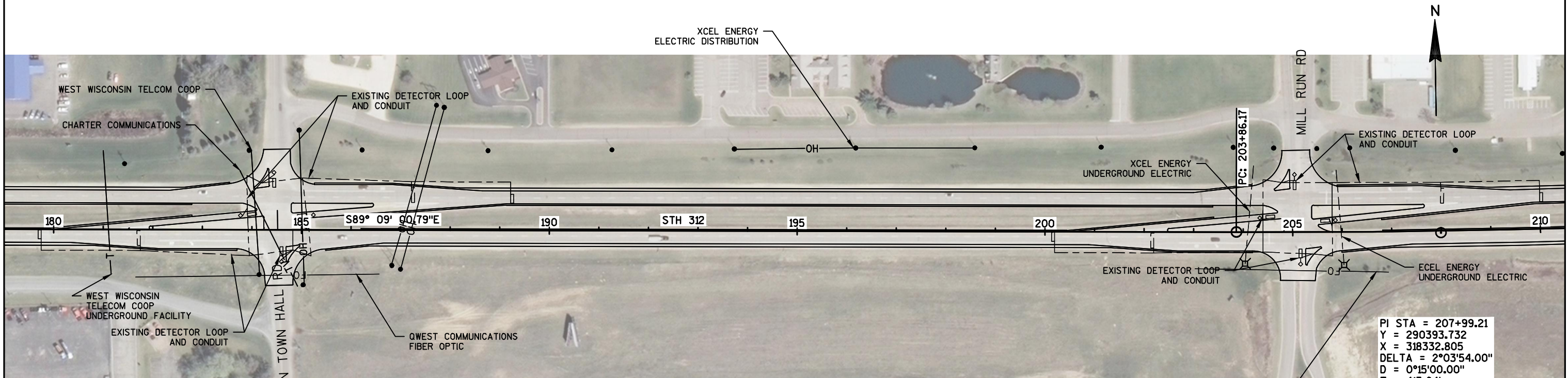
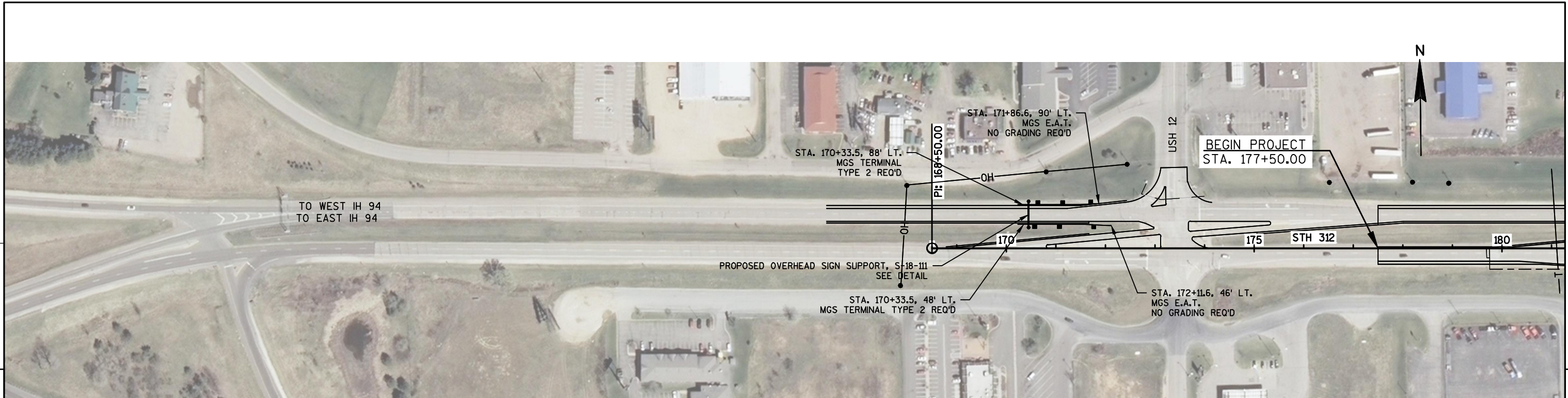


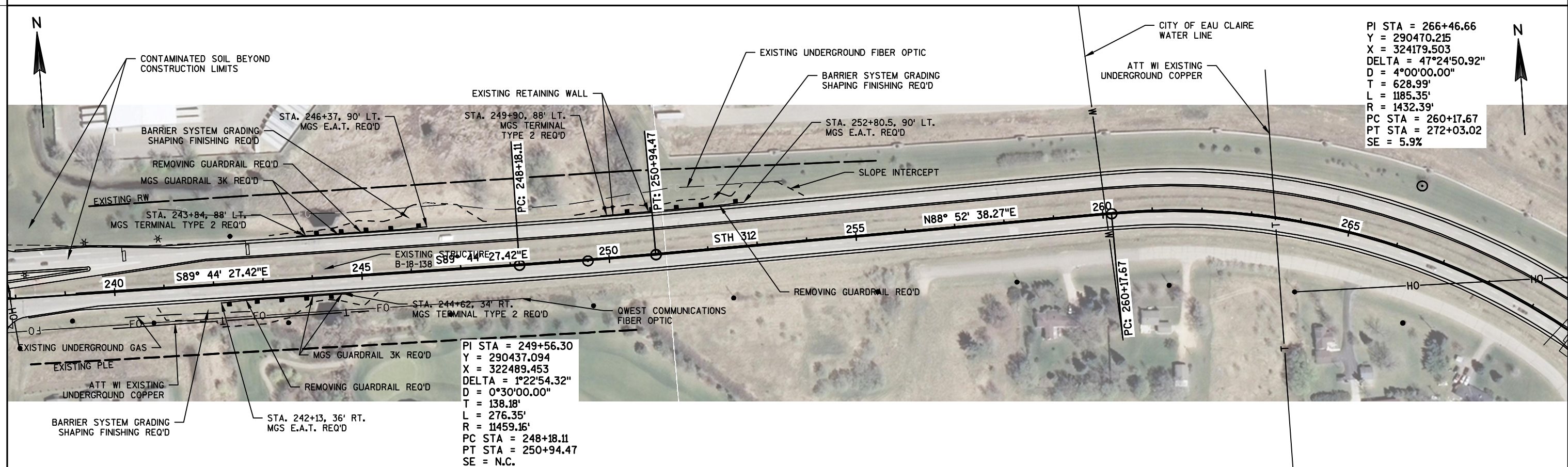


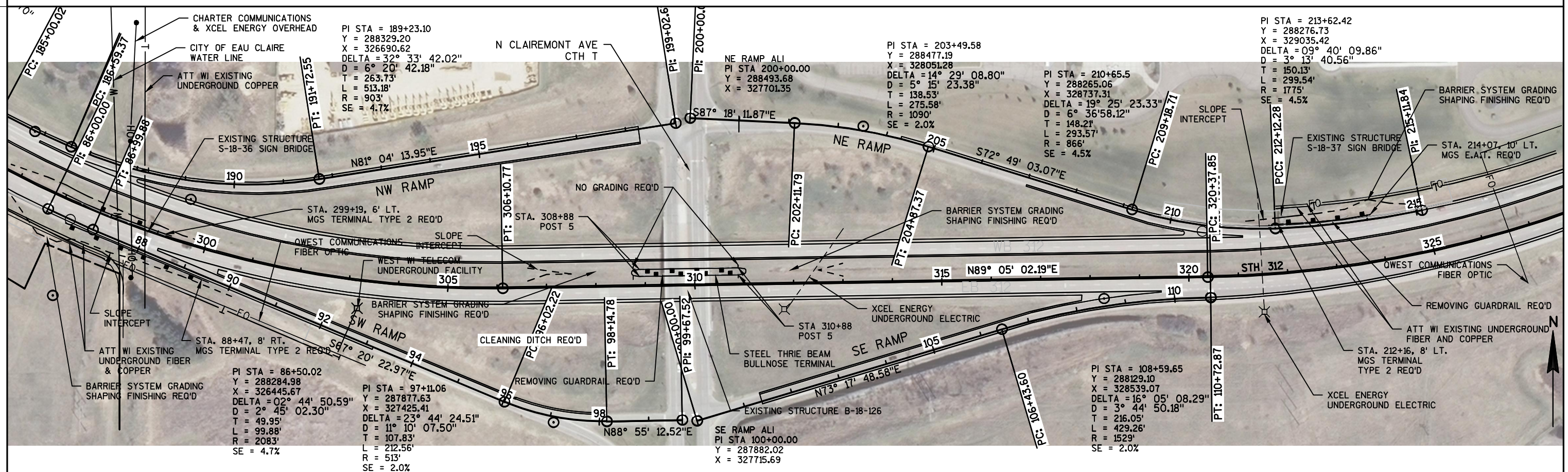
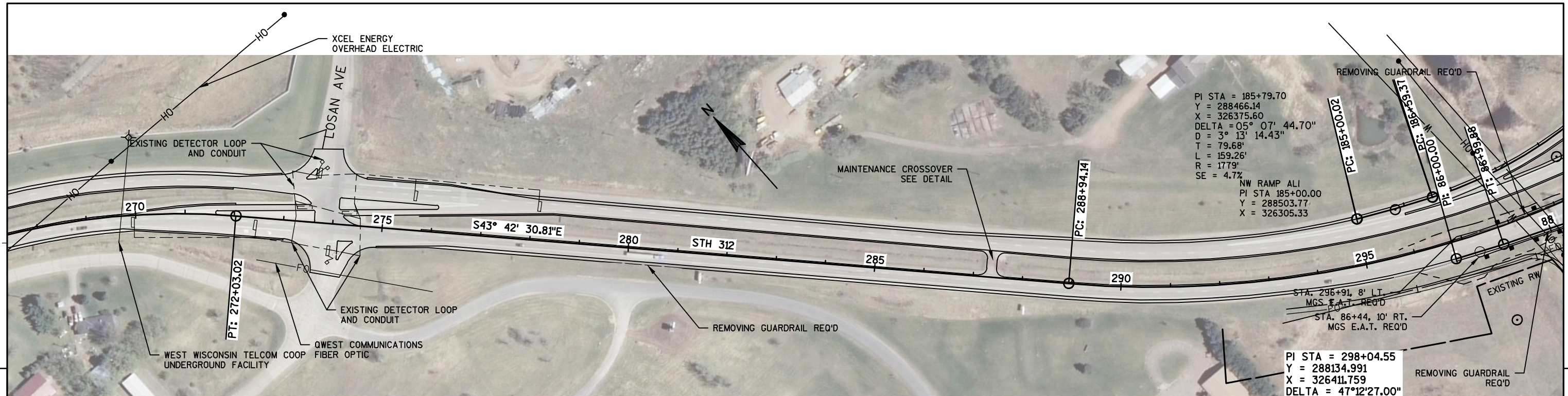
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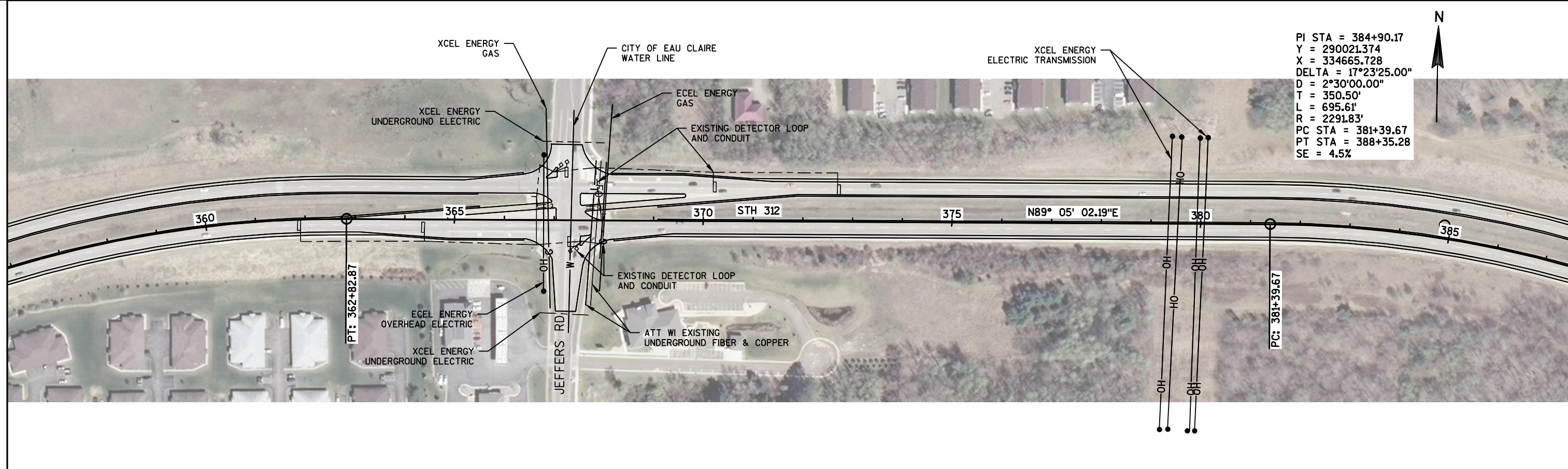
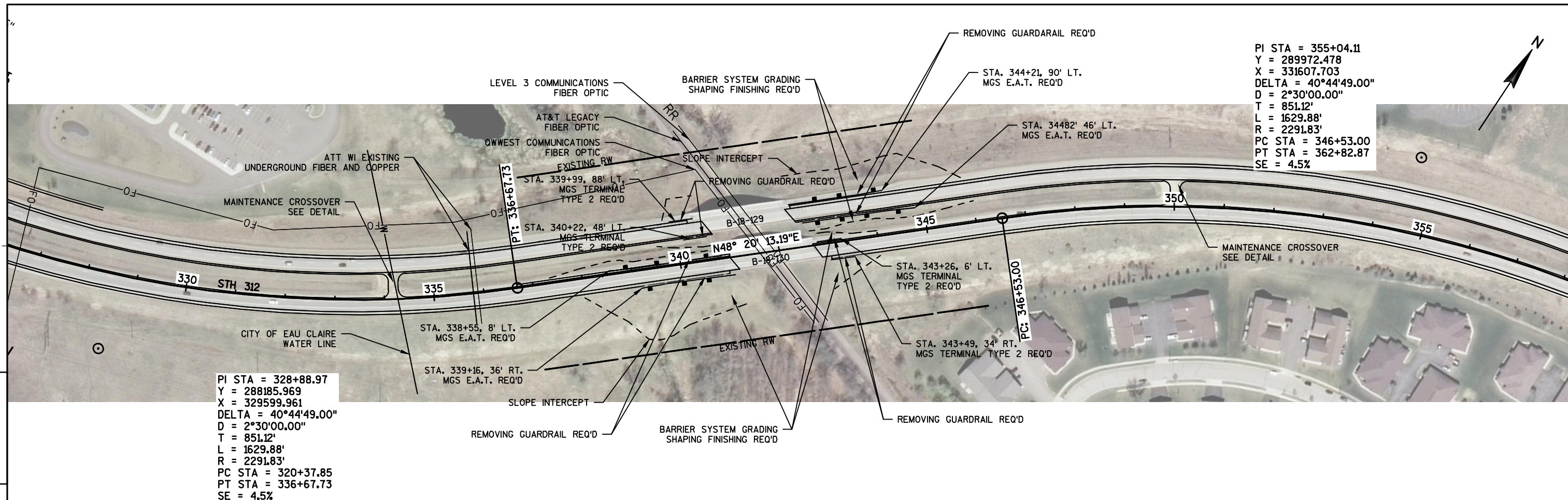












PROJECT NO: 7028-00-60	HWY: STH 312	COUNTY: EAU CLAIRE	PLAN: NORTH CROSSING	SHEET	-----	E
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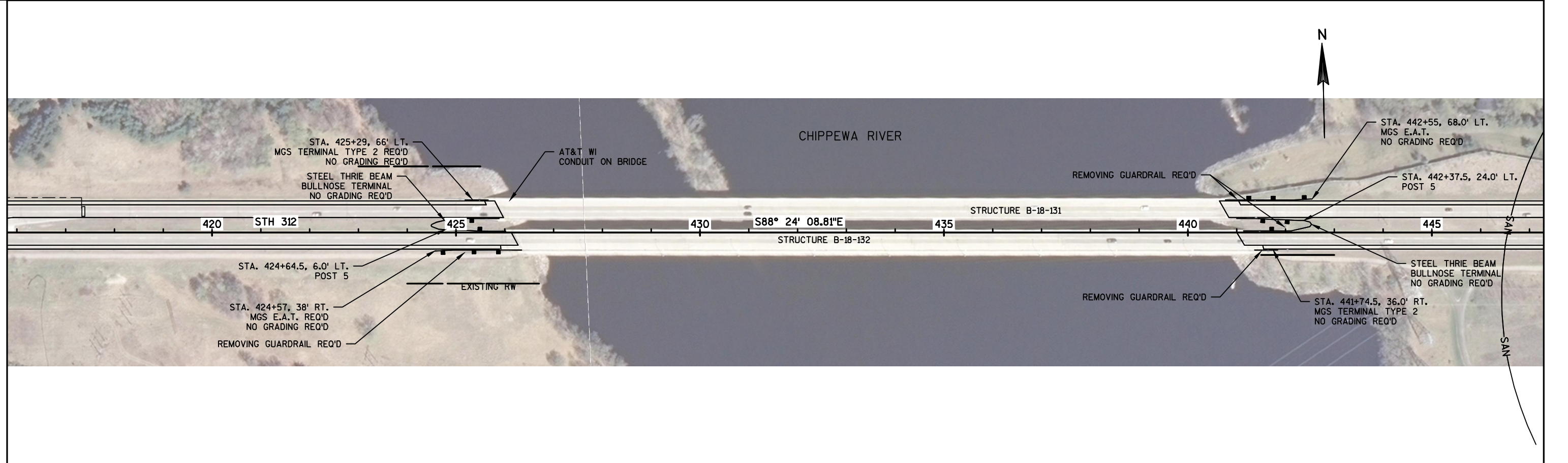
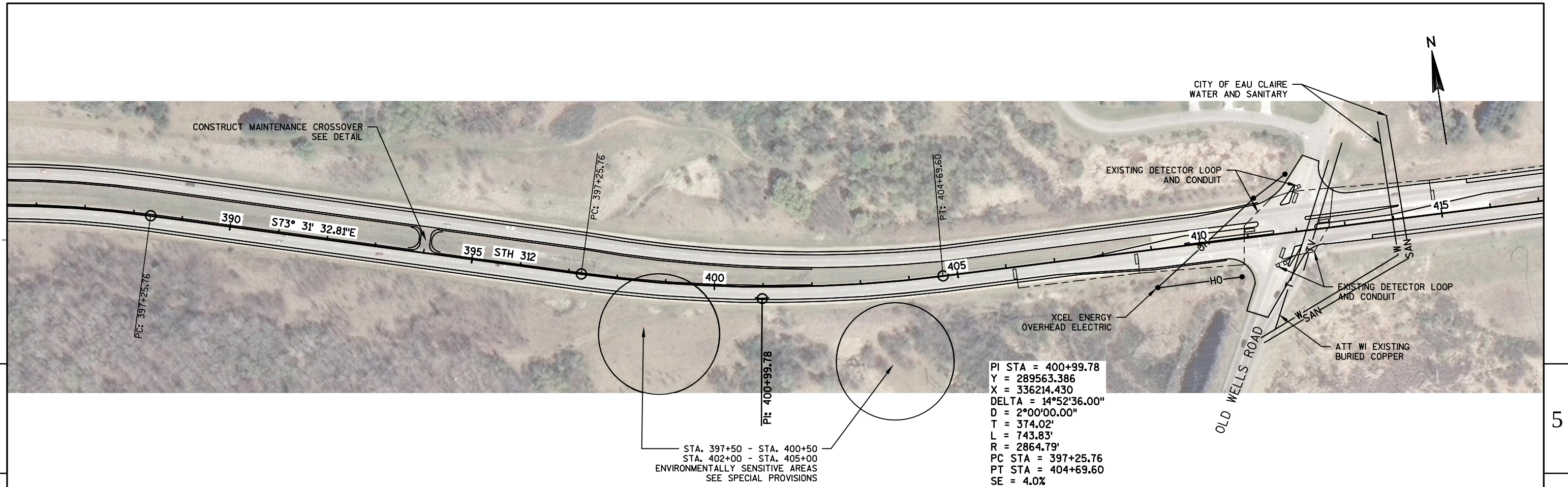
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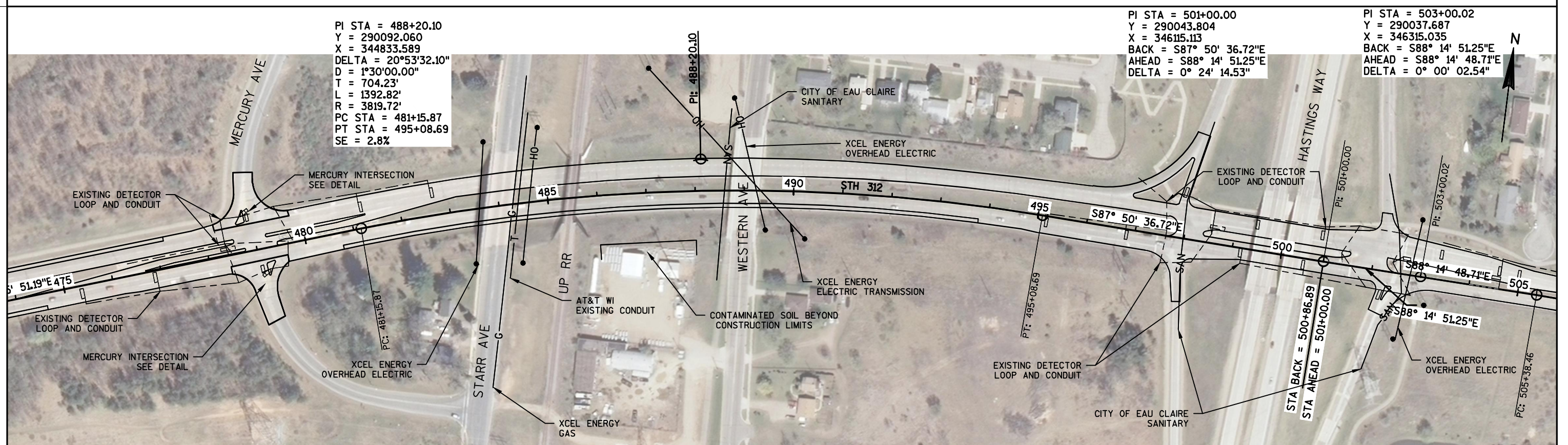
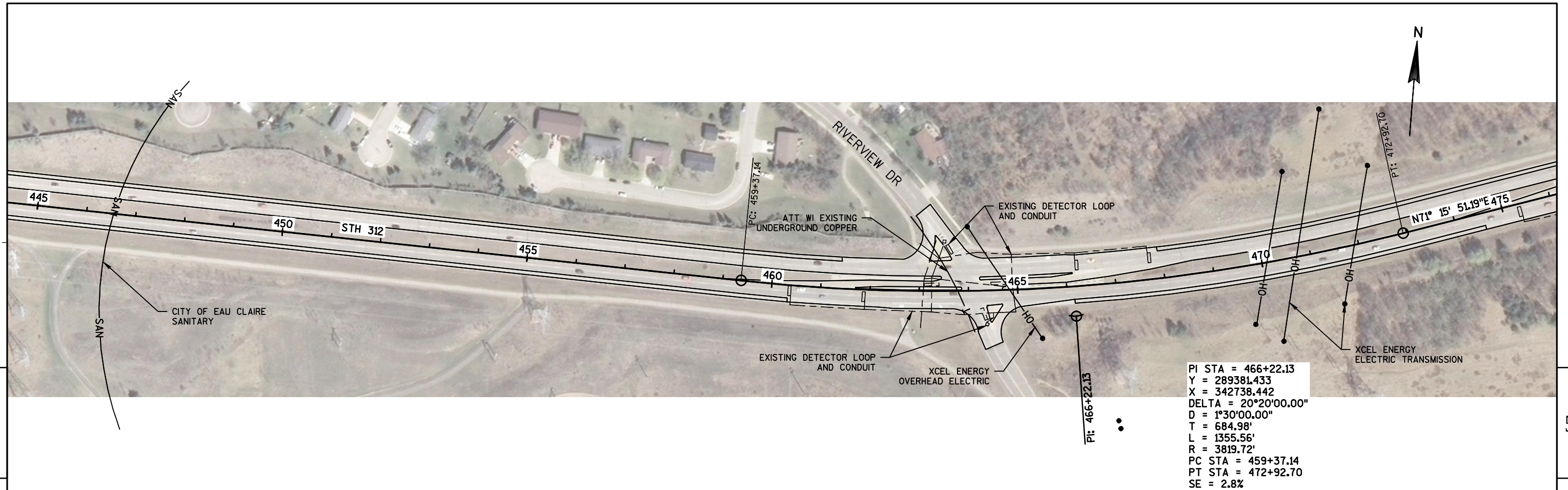
PLOT BY : KRUG, GARY W

PLOT NAME : ----- PLOT SCALE : *****

WISDOT/CADDs SHEET 44

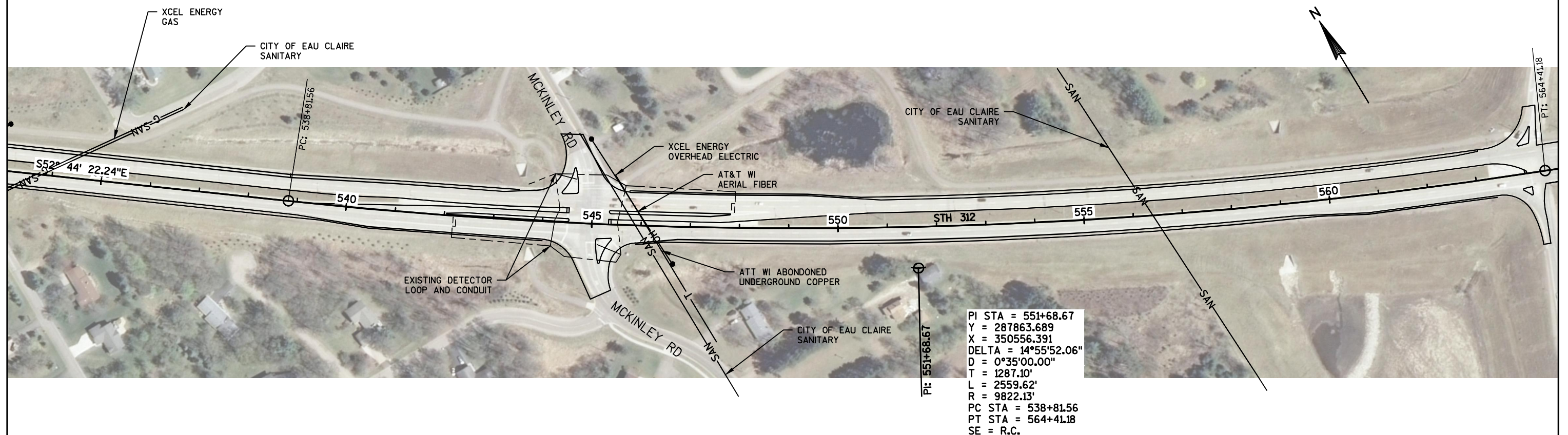
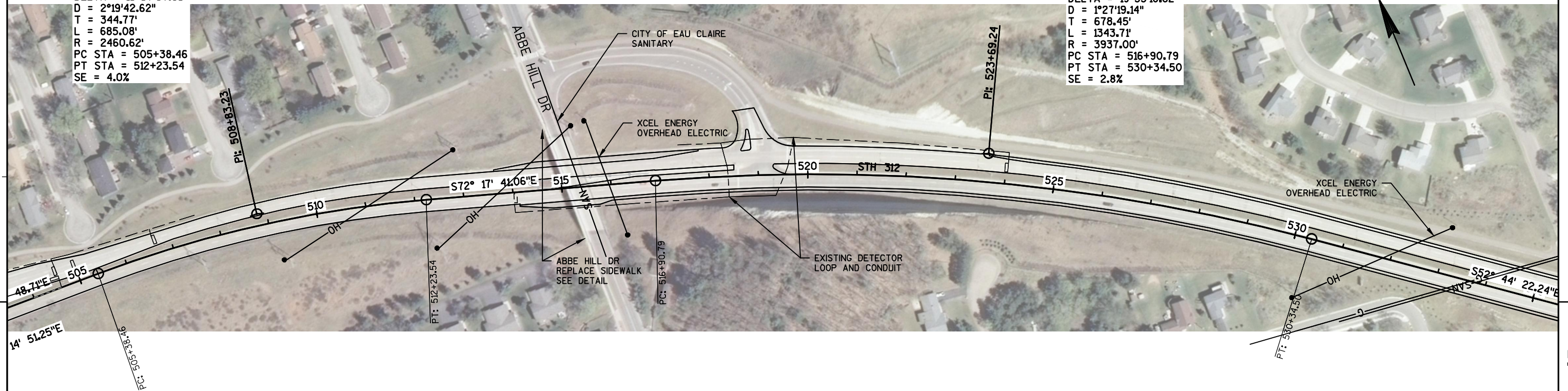


PROJECT NO: 7028-00-60	HWY: STH 312	COUNTY: EAU CLAIRE	PLAN: NORTH CROSSING	SHEET	----	E
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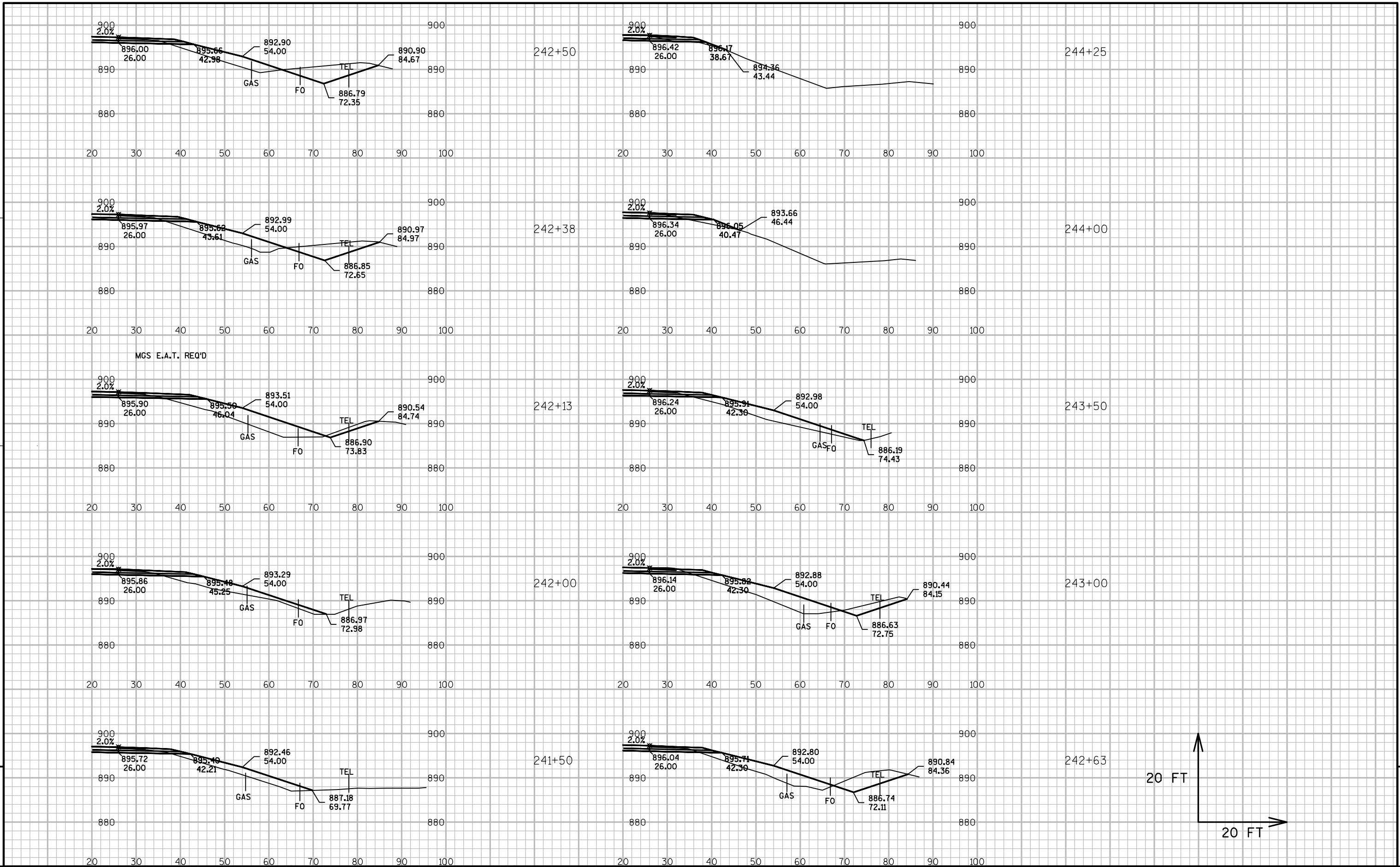
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Y = 290019.845
X = 346897.973
DELTA = 15°57'07.65"
D = 2°19'42.62"
T = 344.77'
L = 685.08'
R = 2460.62'
PC STA = 505+38.46
PT STA = 512+23.54
SE = 4.0%

PI STA = 523+69.24
Y = 289566.560
X = 348317.852
DELTA = 19°33'18.82"
D = 1°27'19.14"
T = 678.45'
L = 1343.71'
R = 3937.00'
PC STA = 516+90.79
PT STA = 530+34.50
SE = 2.8%

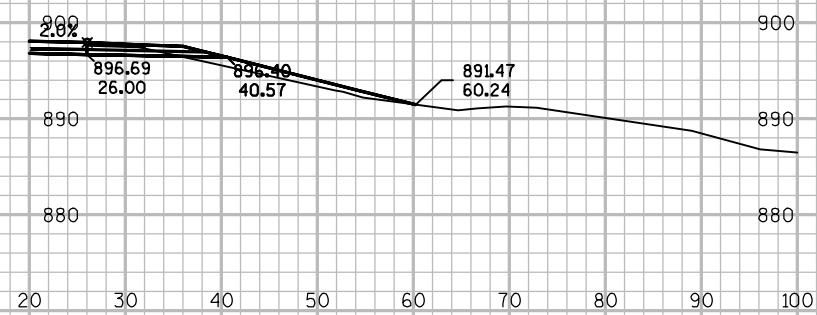


PI STA = 551+68.67
Y = 287863.689
X = 350556.391
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D = 0°35'00.00"
T = 1287.10'
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R = 9822.13'
PC STA = 538+81.56
PT STA = 564+41.18
SE = R.C.

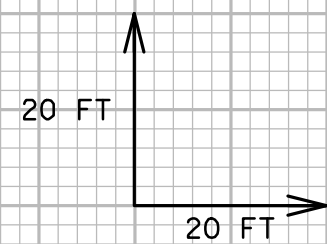
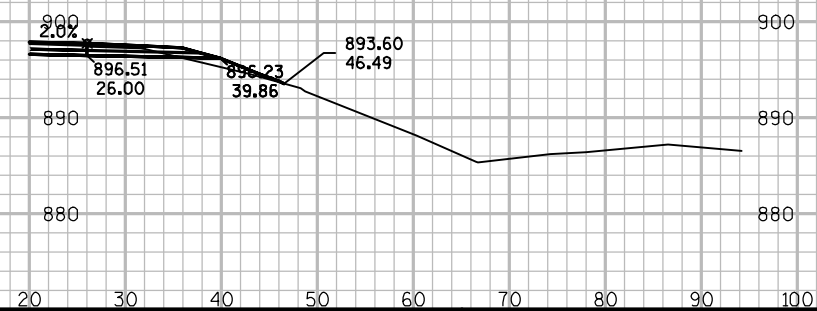




STA. 245+36 MATCH EXISTING



STA. 244+62 MGS TERMINAL TYPE 2 REQ'D



PROJECT NO: 7028-00-60

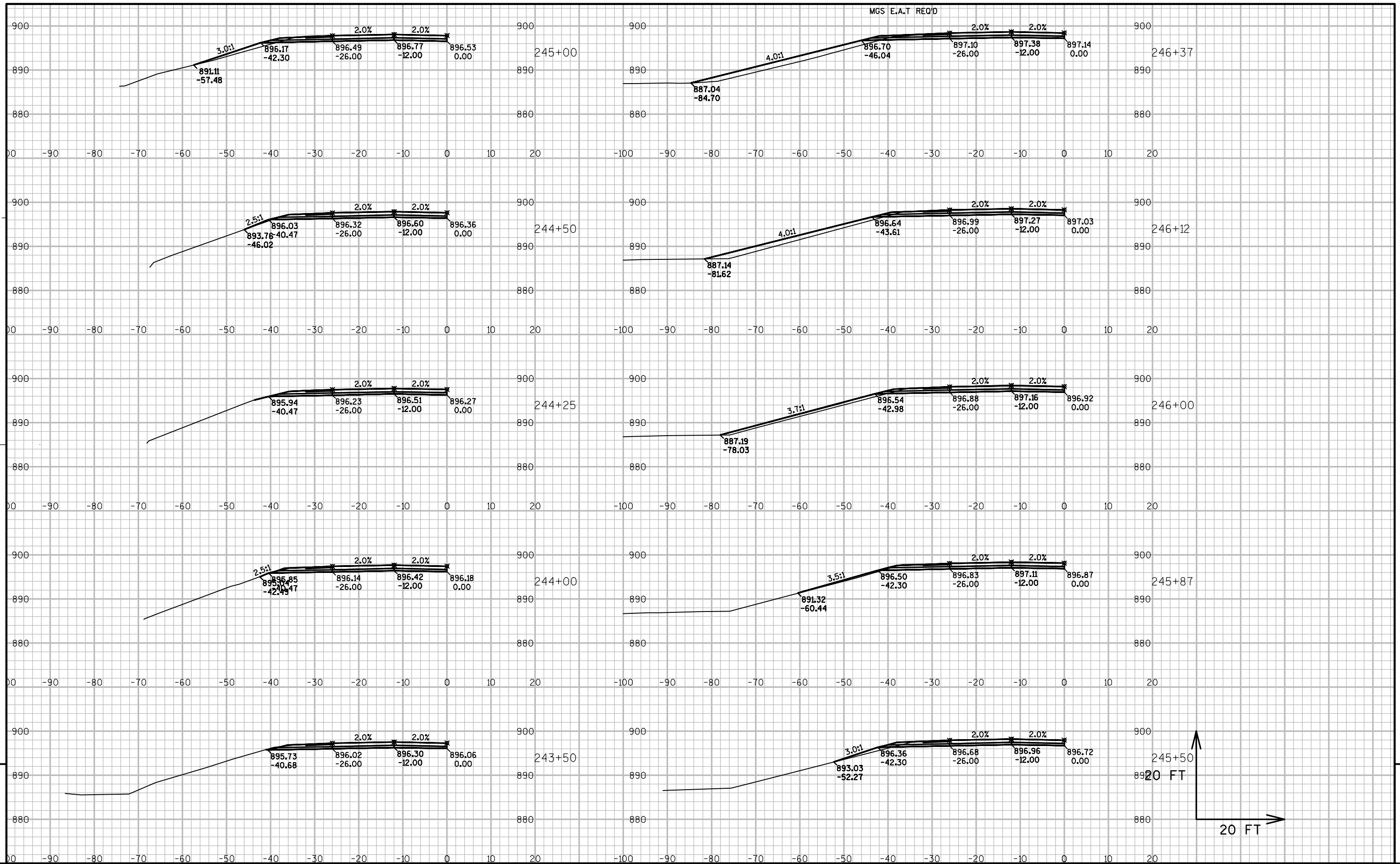
HWY: STH 312

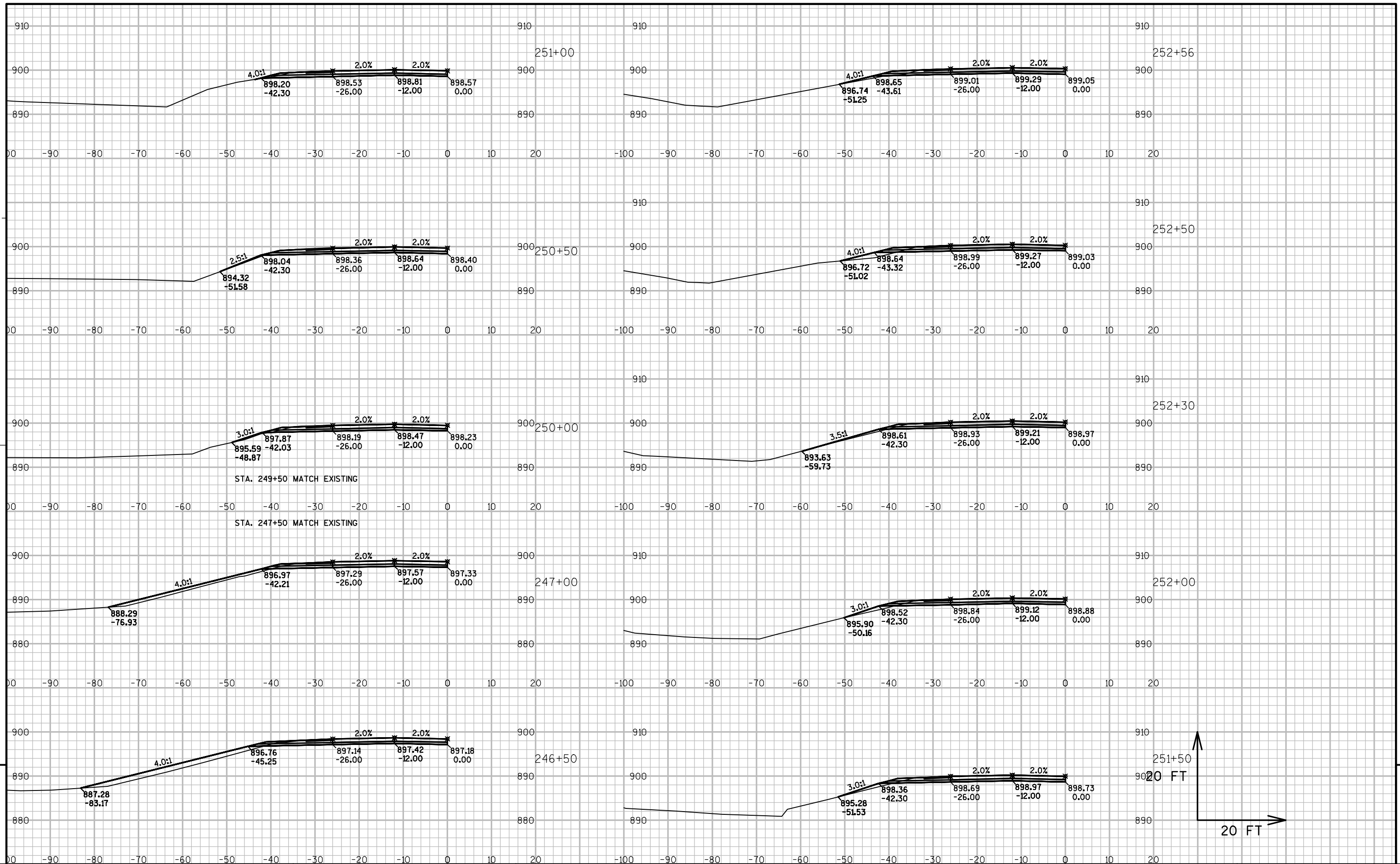
COUNTY: EAU CLAIRE

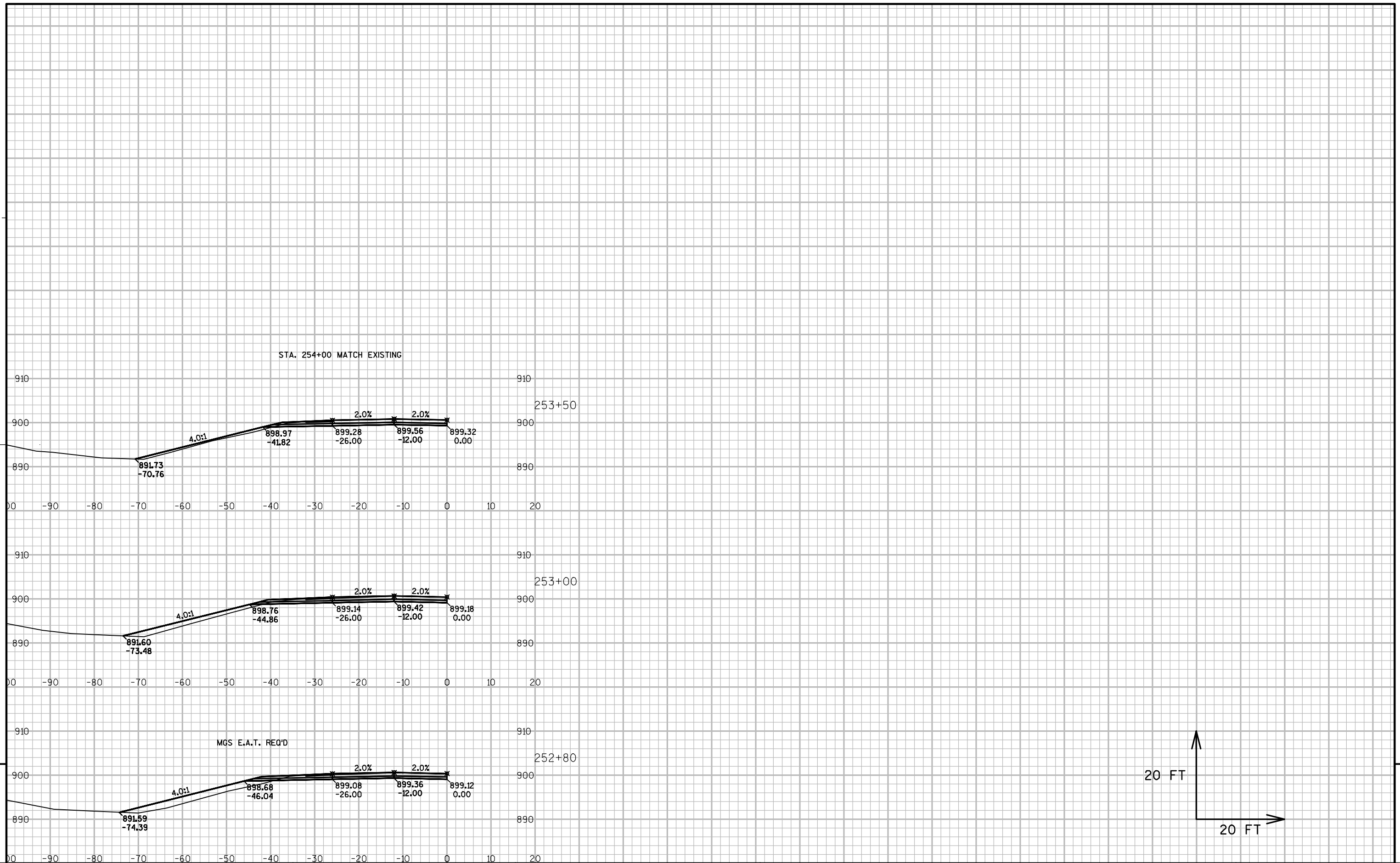
CROSS SECTIONS: WEST BOUND

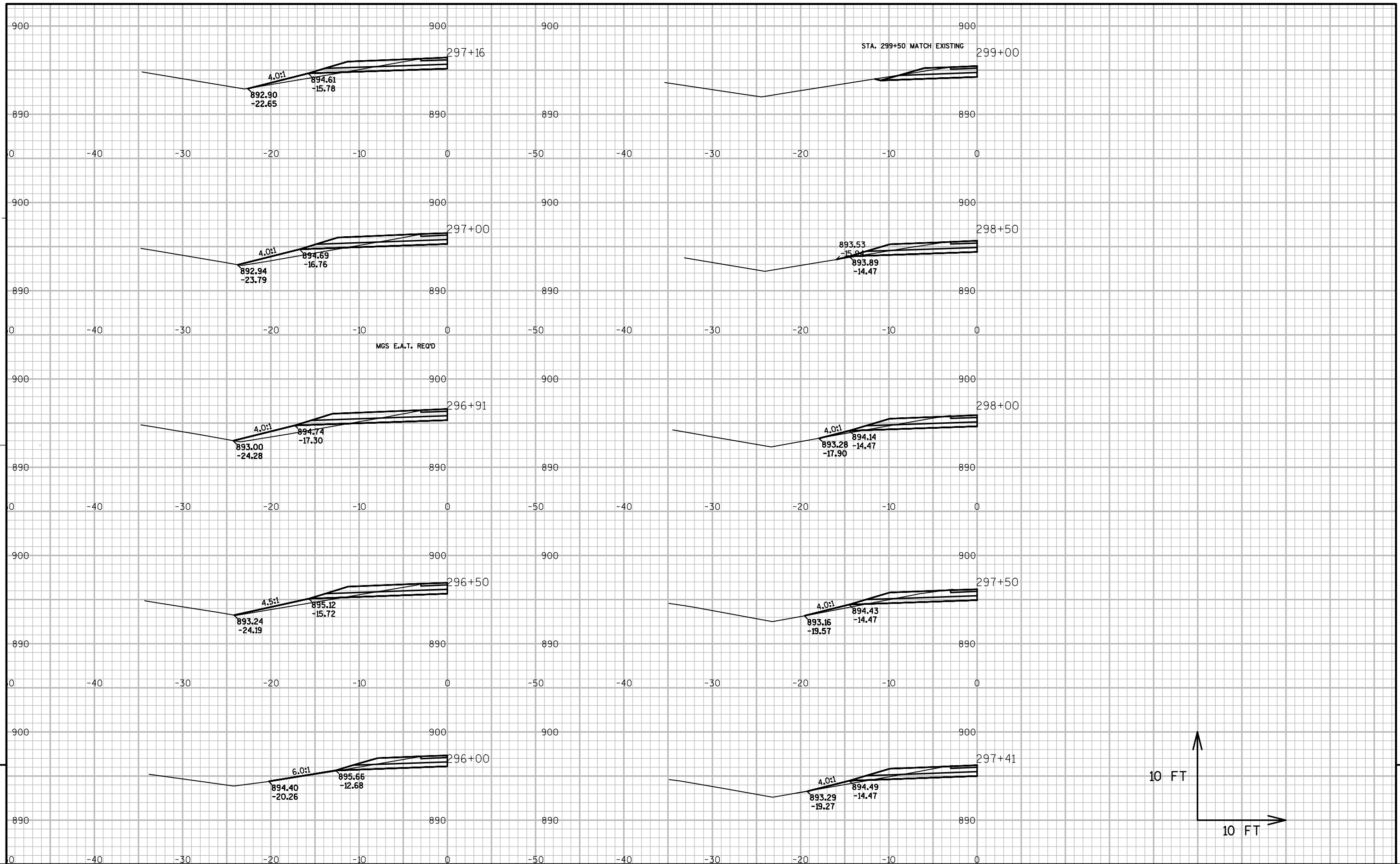
SHEET

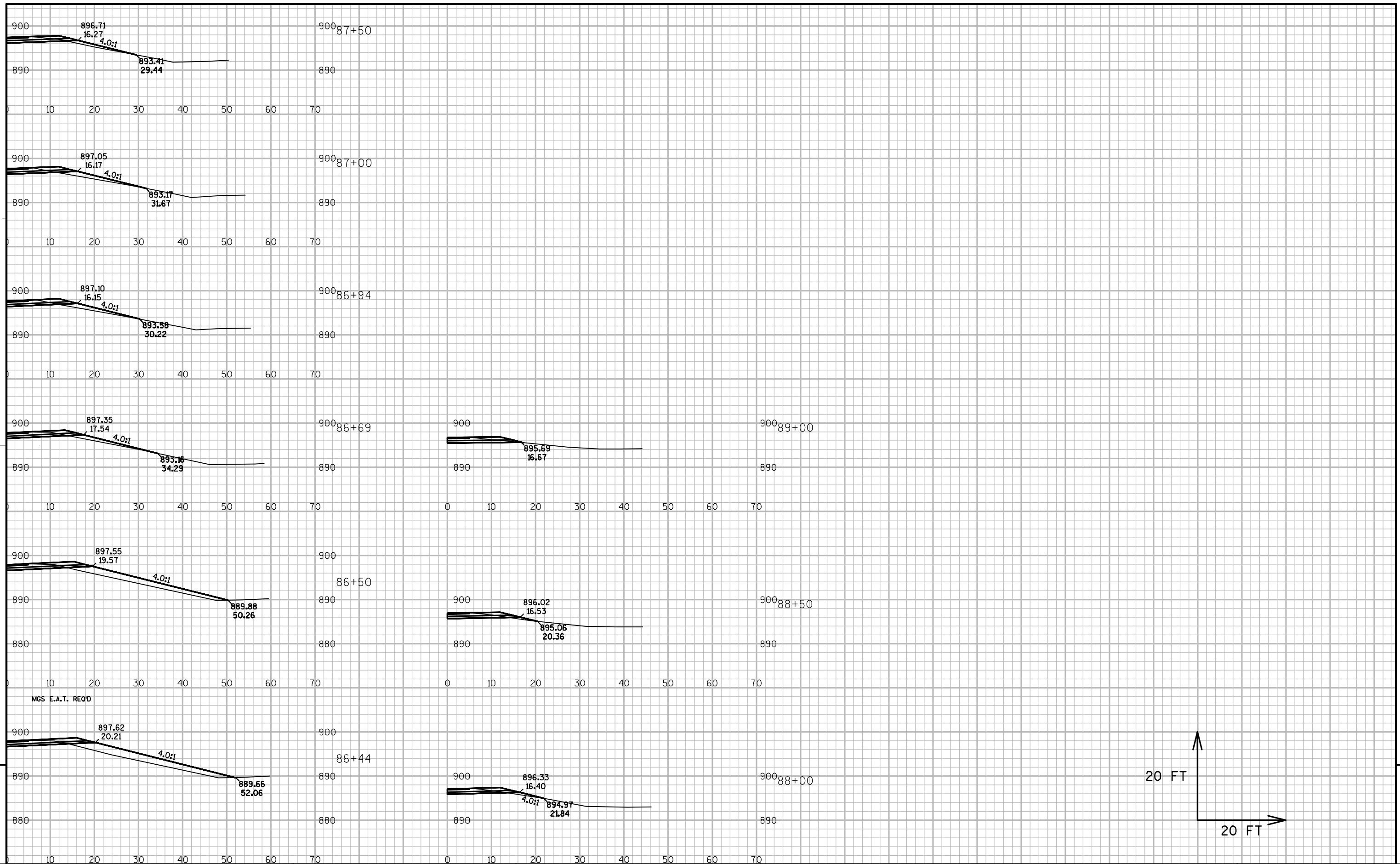
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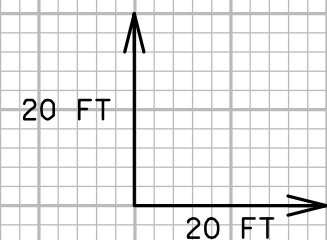
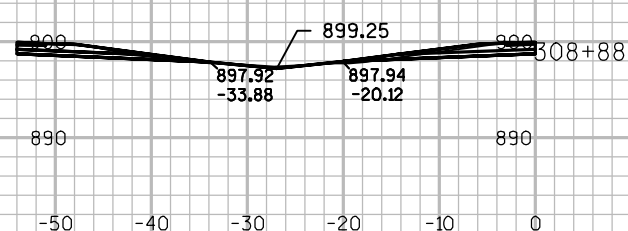
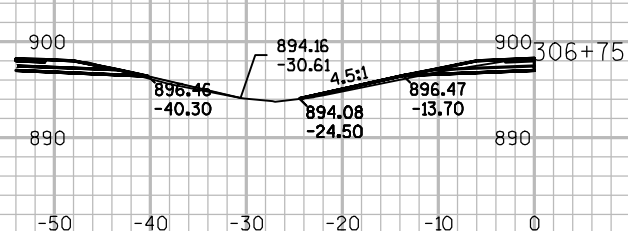
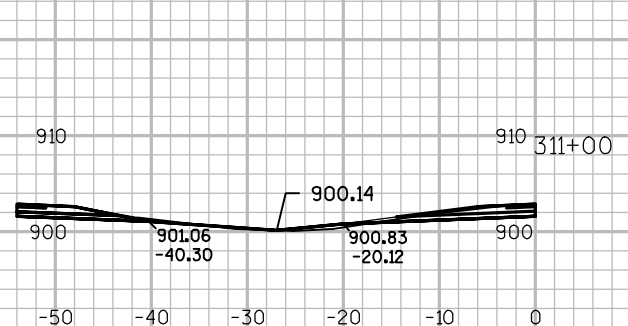
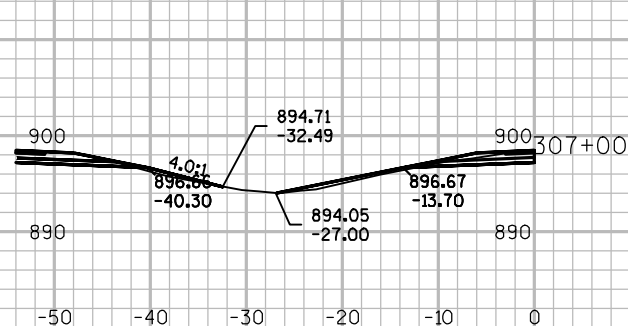
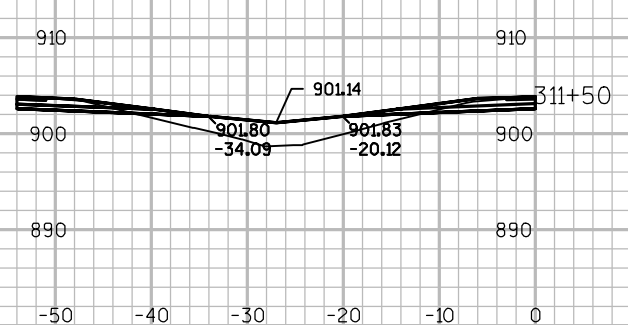
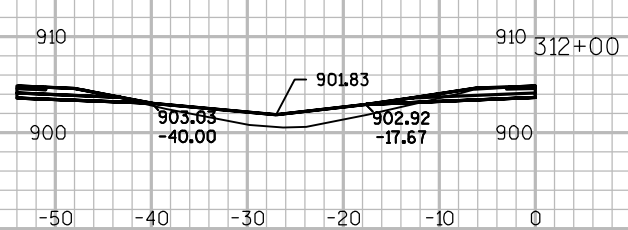
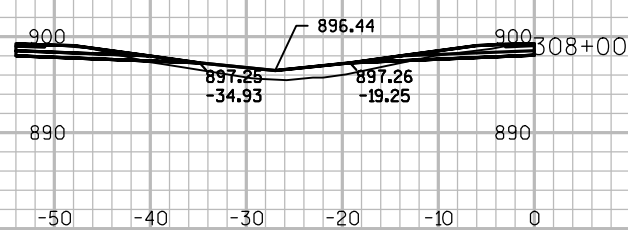
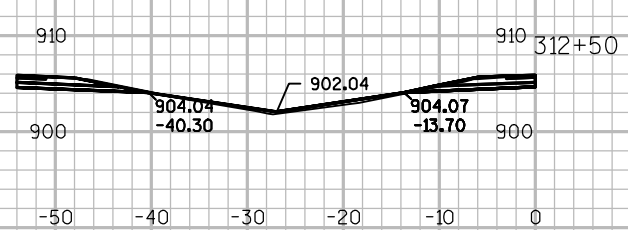
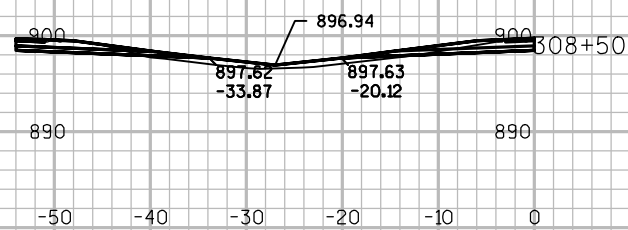
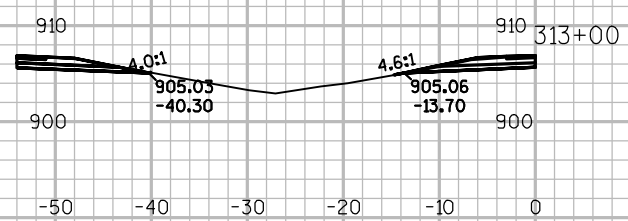
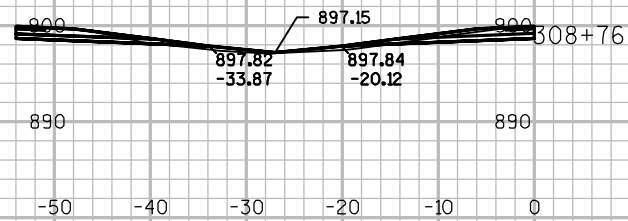












PROJECT NO: 7028-00-60

HWY: STH 312

COUNTY: EAU CLAIRE

CROSS SECTIONS: MEDIAN

SHEET

E

FILE NAME : N:\PDS\C3D\70280030\SHEETSP\B-18-126 MEDIAN.XS.DWG

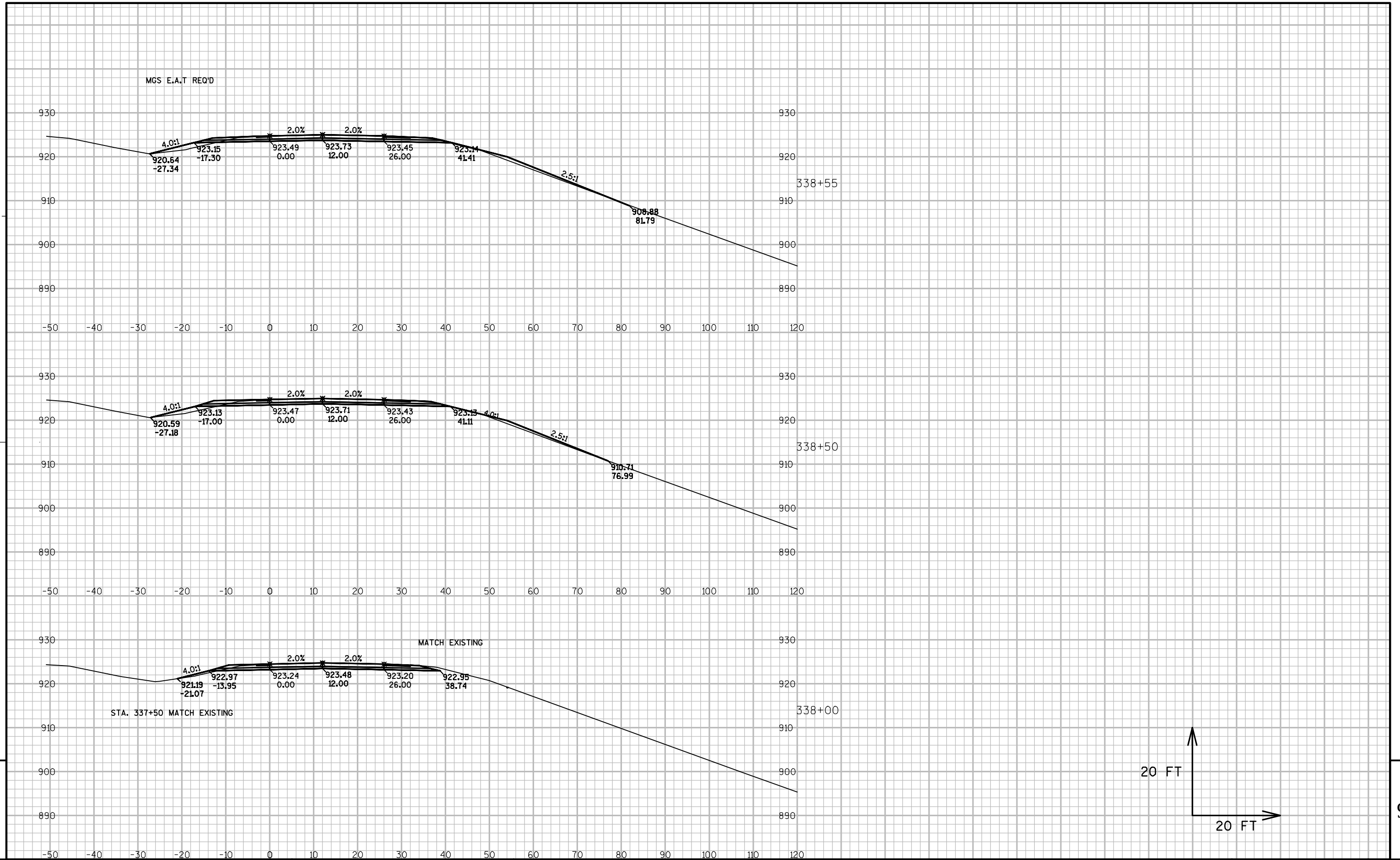
PLOT DATE : 2/9/2015 1:52 PM

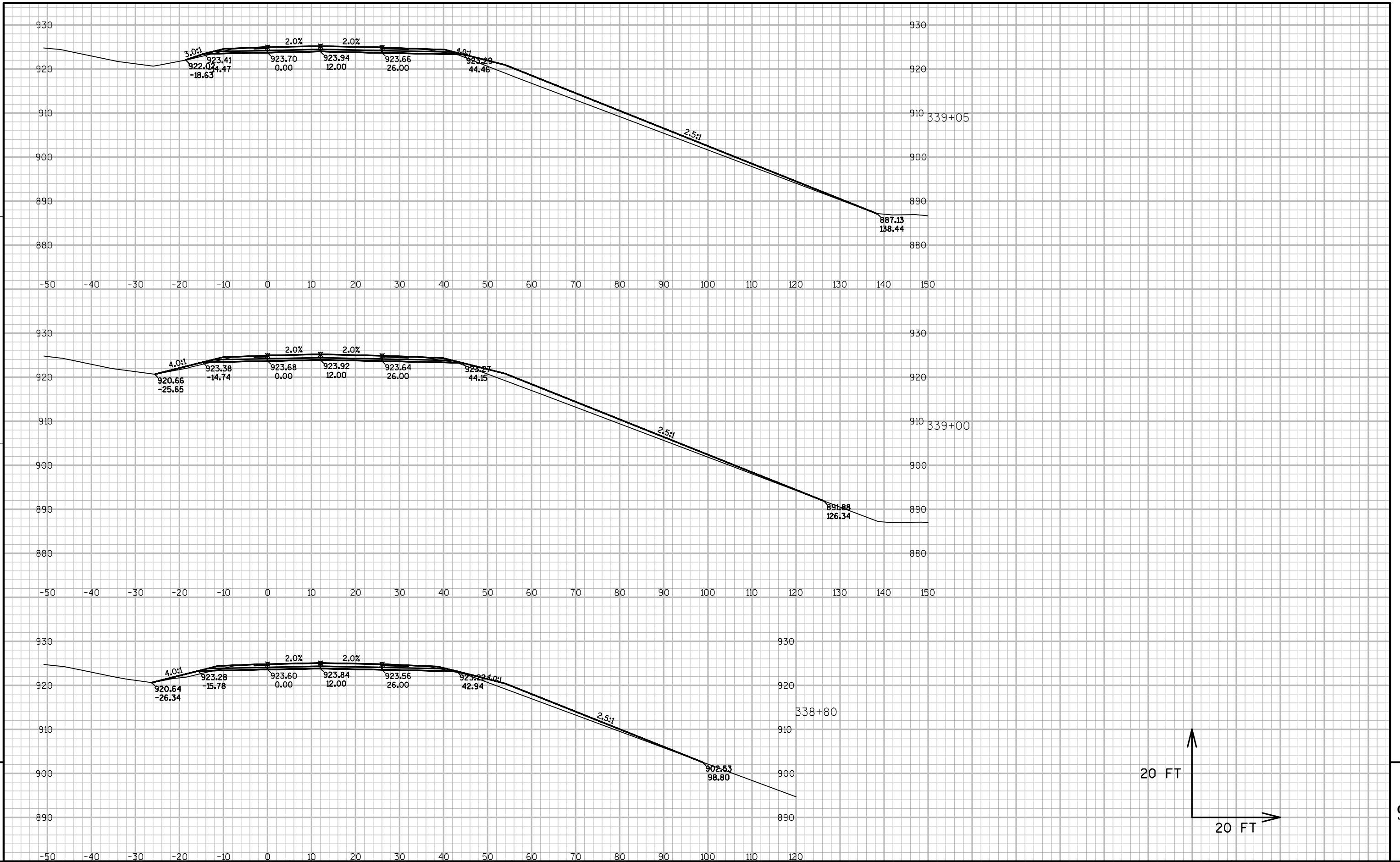
PLOT BY : KRUG, GARY W

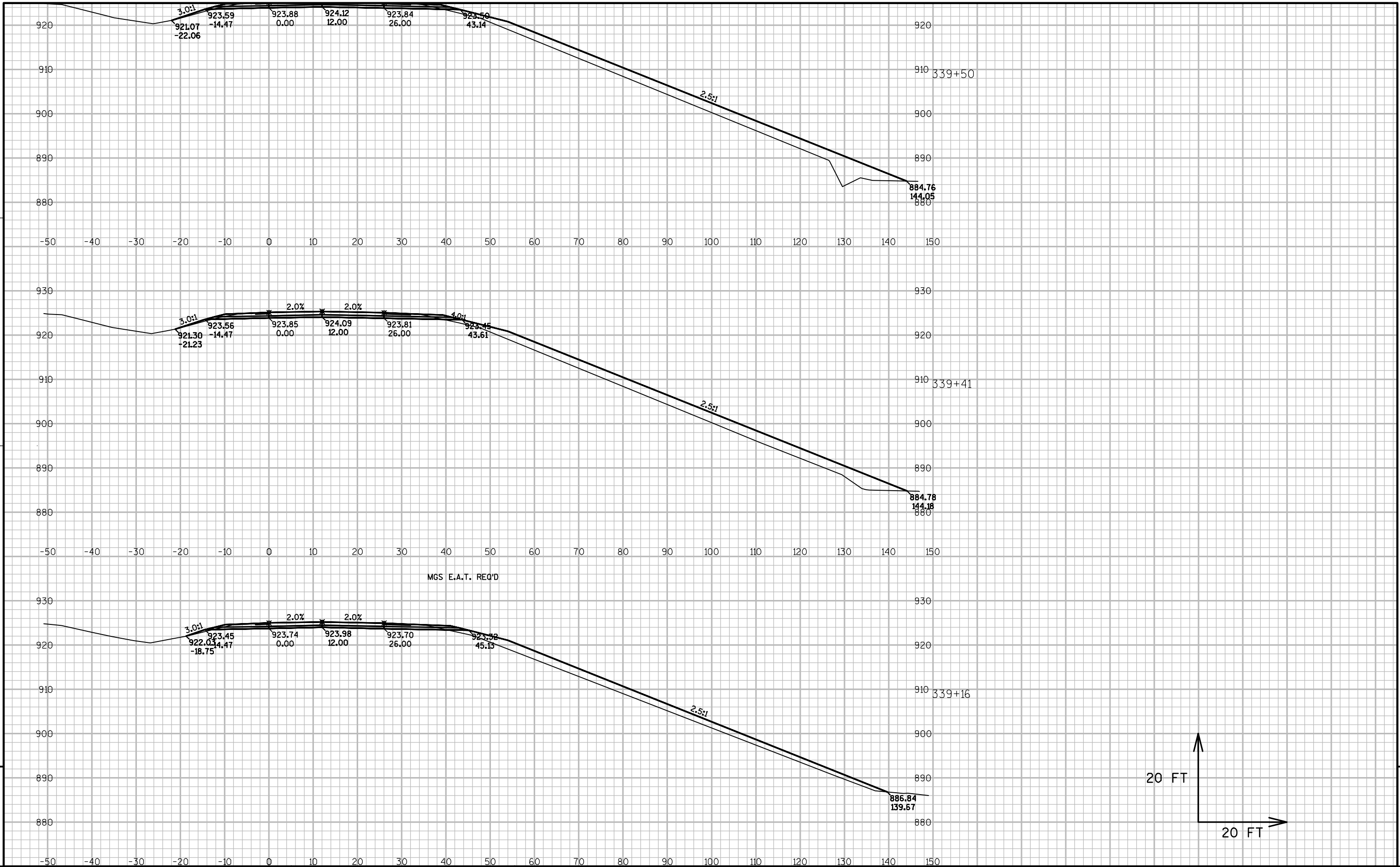
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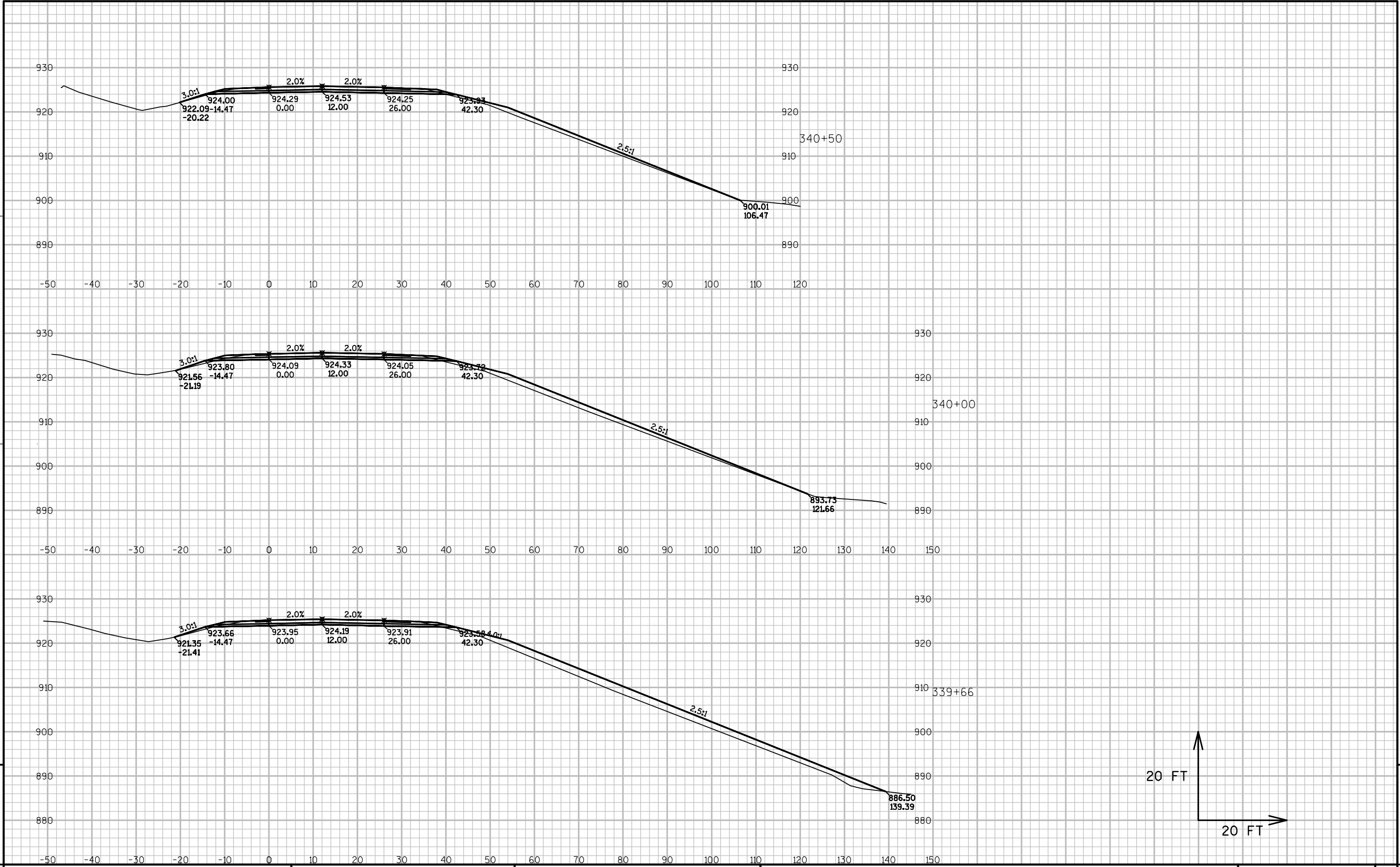
PLOT SCALE : 1 IN:20 FT

WISDOT/CADDs SHEET 49



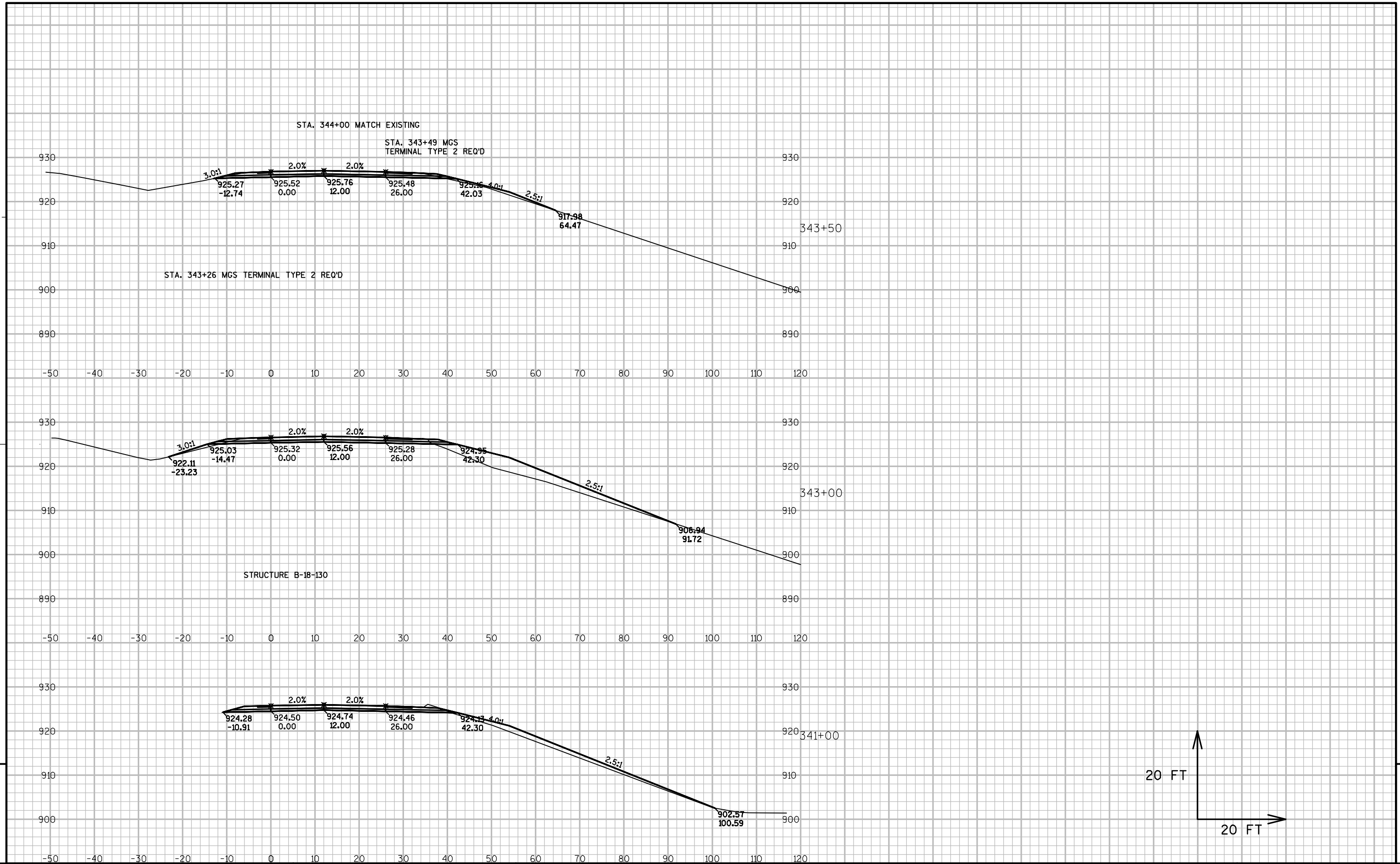


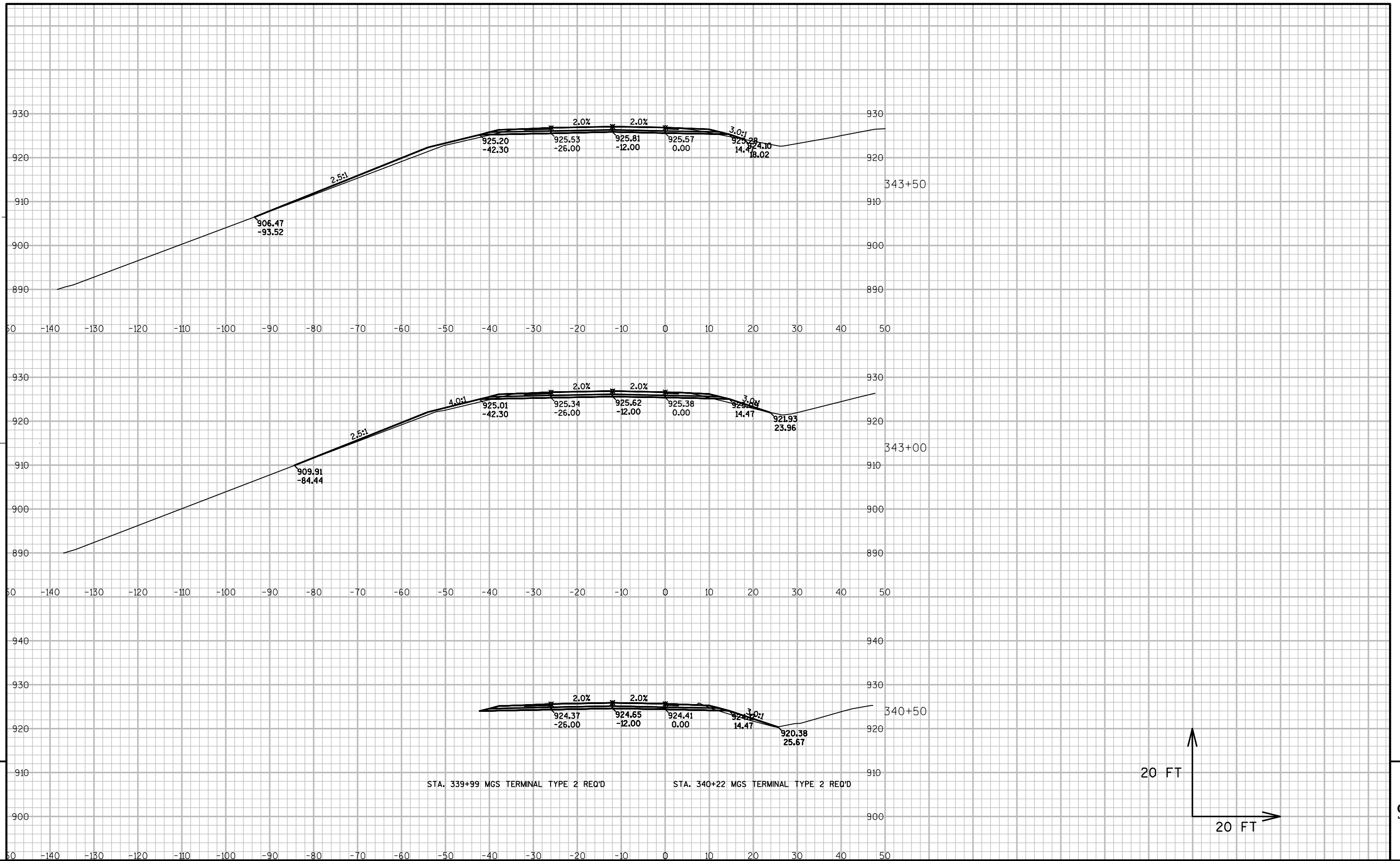


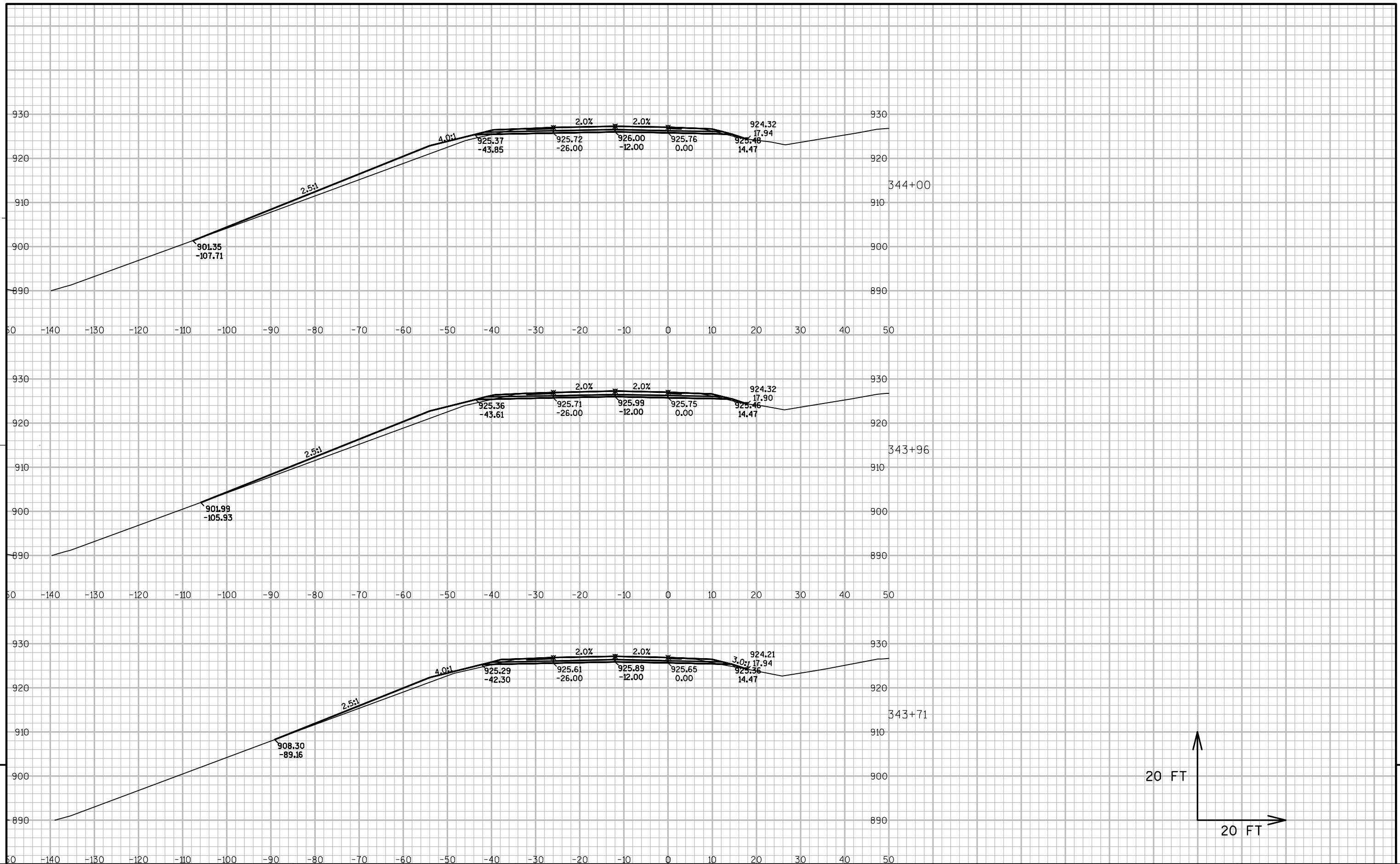


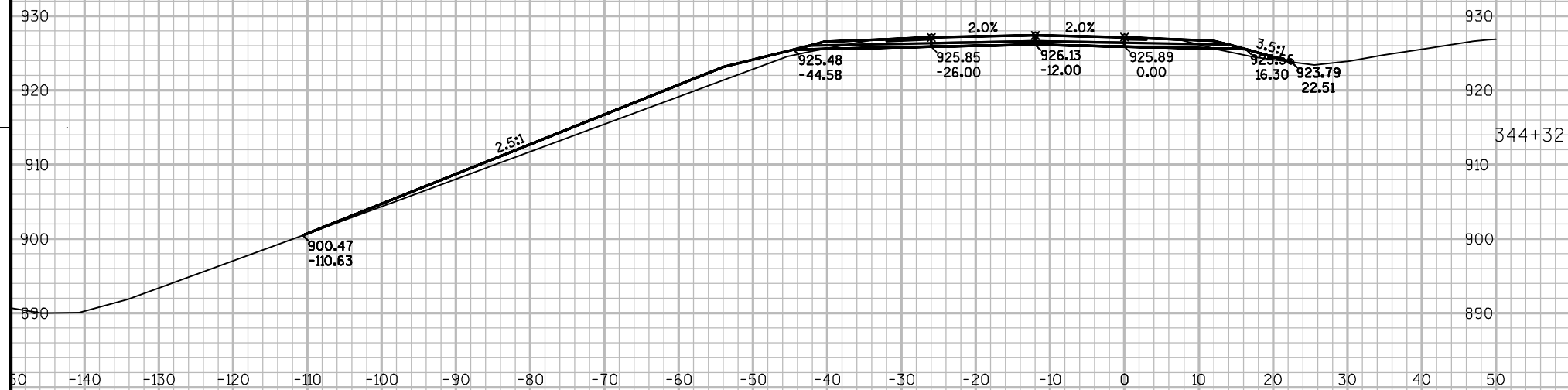
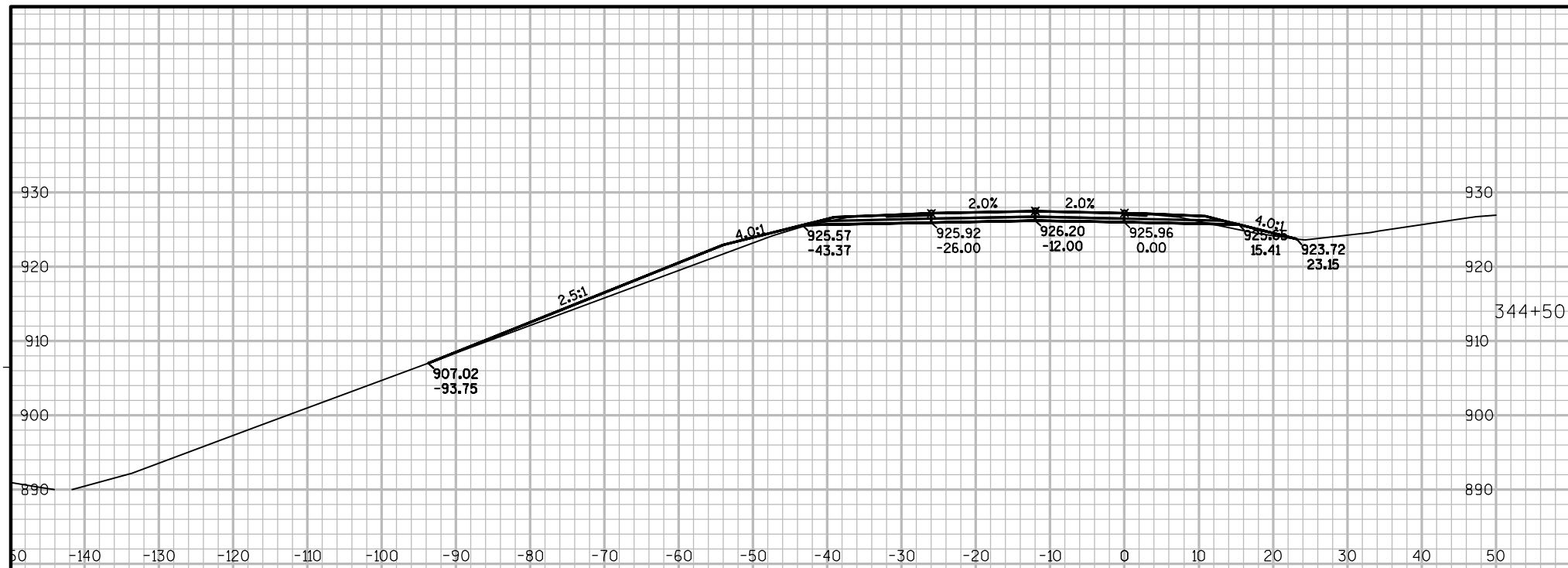
9

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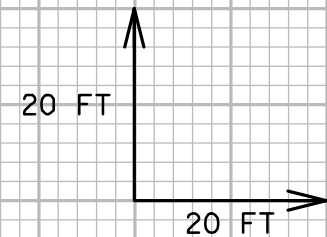








MGS E.A.T. REQ'D



PROJECT NO: 7028-00-60

HWY: STH 312

COUNTY: EAU CLAIRE

CROSS SECTIONS: WEST BOUND

SHEET

E

FILE NAME : N:\PDS\C3D\70280030\SHEETSP\B-18-129&130_XS.DWG

PLOT DATE : 2/10/2015 9:03 AM

PLOT BY : KRUG, GARY W

PLOT NAME :

PLOT SCALE : 1 IN:20 FT

WISDOT/CADDs SHEET 49

