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ORDER OF SECTION 2 SHEETS

- GENERAL NOTES
- PROJECT OVERVIEW
- TYPICAL SECTIONS
- CONSTRUCTION DETAILS
- INTERSECTION DETAILS
- PAVING GRADES
- DRIVEWAY DETAILS
- EROSION CONTROL
- STORM SEWER PLAN
- PLANTING
- PERMANENT SIGNING
- LIGHTING PLAN
- PAVEMENT MARKING
- STAGE CONSTRUCTION
- DETOUR
- ALIGNMENT DIAGRAMS

STANDARD ABBREVIATIONS

ADT	AVERAGE DAILY TRAFFIC
AEW	APRON ENDWALL
AGG	AGGREGATE
BAD	BASE AGGREGATE DENSE
BM	BENCH MARK
C&G	CURB AND GUTTER
C-C	CENTER TO CENTER
CPCM	CULVERT PIPE CORRUGATED METAL
CPRC	CULVERT PIPE REINFORCED CONCRETE
CPRCHE	CULVERT PIPE REINFORCED CONCRETE
	HORIZONTAL ELLIPTICAL
	CONCRETE SURFACE DRAIN
CSD	CENTER
CTR	HUNDRED WEIGHT
CWT	CUBIC YARD
CY	DEGREE OF CURVE
D	DELTA
Δ	DIRECTIONAL DISTRIBUTION
DD	DESIGN HOUR VOLUME
DHV	DIAMETER
DIA OR Ø	ELEVATION
EL OR ELEV	FULL SUPERELEVATION
FS	FOOT
FT	HIGHWAY EASEMENT
HE	HOT MIX ASPHALT
HMA	INCIDENTAL
INCID	INLET
INL	LENGTH OF CURVE
L	LINEAR FOOT
LF	LONGITUDINAL
LONG	LEFT
LT	MANHOLE
MH	MATCH LINE
ML OR M/L	NORMAL CROWN
NC	NOT TO SCALE
NTS	PAVEMENT
PAVT	POINT OF CURVATURE
PC	POINT OF COMPOUND CURVATURE
PCC	POINT OF INTERSECTION
PI	PERMANENT LIMITED EASEMENT
PLE	POINT OF TANGENCY
PT	POINT OF VERTICAL CURVATURE
PVC	POINT OF VERTICAL INTERSECTION
PVI	POINT OF VERTICAL TANGENCY
PVT	RADIUS
R	REFERENCE LINE
R/L	RUN OFF LENGTH
RO	RIGHT
RT	RIGHT OF WAY
RW OR R/W	STANDARD DETAIL DRAWINGS
SDD	STORM SEWER
SS	STORM SEWER PIPE REINFORCED CONCRETE
SSPRC	STORM SEWER PIPE REINFORCED CONCRETE
SSPRCHE	HORIZONTAL ELLIPTICAL
	STATION
STA	SQUARE YARD
SY	SYMMETRICAL
SYM	TANGENT LENGTH
T	TEMPORARY
TEMP	TEMPORARY LIMITED EASEMENT
TLE	TYPICAL
TYP	VELOCITY OR DESIGN SPEED
V	VARIABLE OR VARIES
VAR	WATER MAIN
WM	YARD
YD	

COUNTY SURVEYOR OR
SURVEYS CONTACT PERSON

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EMAIL: DAVE.JOHNSON@OUTAGAMIE.ORG

GENERAL NOTES

ELEVATIONS SHOWN ON THE PLAN ARE REFERENCED TO NAVD 88 (2007)

COORDINATES SHOWN ON THE PLAN ARE REFERENCED TO NAD 83 (2007).

CURVE DATA IS BASED ON ARC DEFINITION.

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 NOTIFY DIGGERS HOTLINE AND ALL UTILITIES IN THE VICINITY OF THE PROJECT TO LOCATE THEIR FACILITIES AT LEAST THREE WORKING DAYS PRIOR TO BEGINNING WORK. ANY UTILITY WHICH IS NOT A MEMBER OF DIGGERS HOTLINE MUST BE CONTACTED SEPARATELY.

THE LOCATION OF SAW CUTS WILL BE DETERMINED OR AS APPROVED BY THE ENGINEER. SAW CUT JOINTS SHALL BE ACCOMPLISHED WITHOUT DAMAGE TO REMAINING PORTIONS.

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

EXCAVATION BELOW SUBGRADE (EBS) IS NOT USED TO BALANCE YARDAGE AND IS NOT SHOWN ON THE CROSS SECTIONS BUT IS MEASURED AND PAID FOR AS UNCLASSIFIED EXCAVATION. THE LOCATION OF EBS WILL BE DETERMINED BY THE ENGINEER.

THE EXACT LOCATIONS OF ALL EROSION CONTROL ITEMS SHALL BE DETERMINED BY THE ENGINEER.

IN PERFORMANCE OF THE WORK UNDER THE ITEM "REMOVING FENCE", THE FENCE SHALL BE REMOVED TO A PULL OR STRETCHER POST ASSEMBLY AS DETERMINED IN THE FIELD BY THE ENGINEER.

ALL RADII ARE MEASURED TO EDGE OF PAVEMENT UNLESS OTHERWISE SHOWN OR NOTED ON THE PLAN.

EXPANSION JOINTS TO BE CONSTRUCTED AT ALL RADIUS POINTS IN CURB AND GUTTER OR AT LOCATIONS SHOWN ON THE PLAN.

THE LOCATION OF EXISTING MANHOLES AS SHOWN ON THE PLANS IS APPROXIMATE.

ALL NEW CONCRETE CULVERT PIPES REQUIRE JOINT TIES.

EXISTING DRAINAGE DITCHES AND CULVERT PIPES WILL REMAIN FUNCTIONAL DURING EXCAVATION OPERATIONS.-INLET AND DISCHARGE ELEVATIONS FOR DRAINAGE STRUCTURES ARE APPROXIMATE AND SHALL BE DETERMINED BY THE ENGINEER IN THE FIELD.

THE LAST SECTION OF ALL EXISTING REINFORCED CONCRETE CULVERT PIPES THAT ARE TO BE EXTENDED SHALL BE, IF NECESSARY, RESET PRIOR TO INSTALLING THE PIPE EXTENSION.

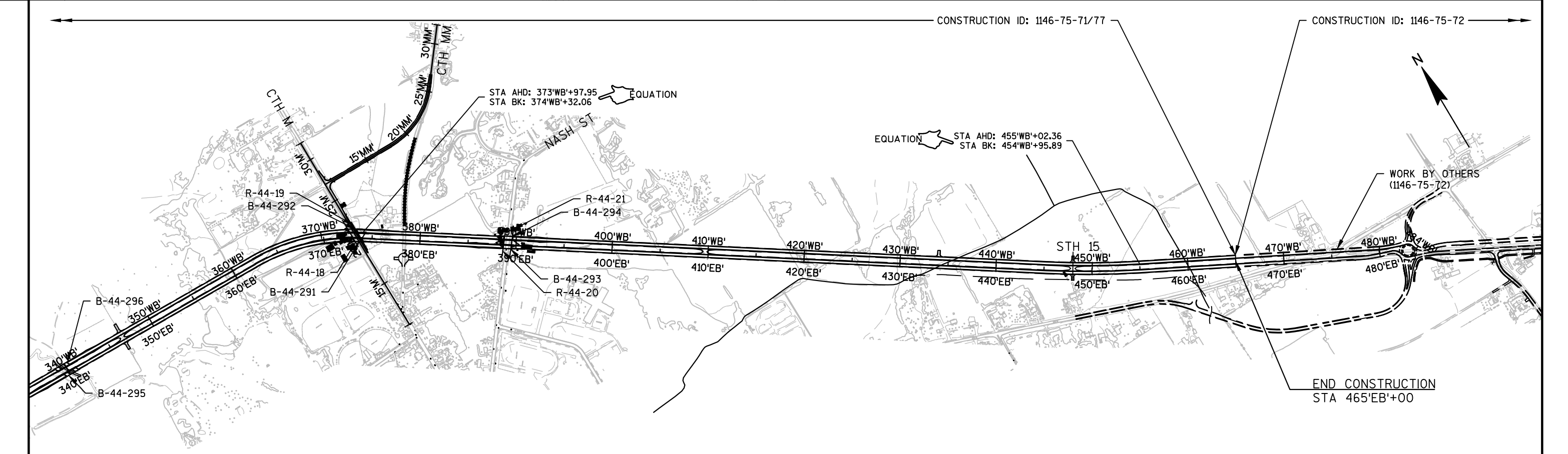
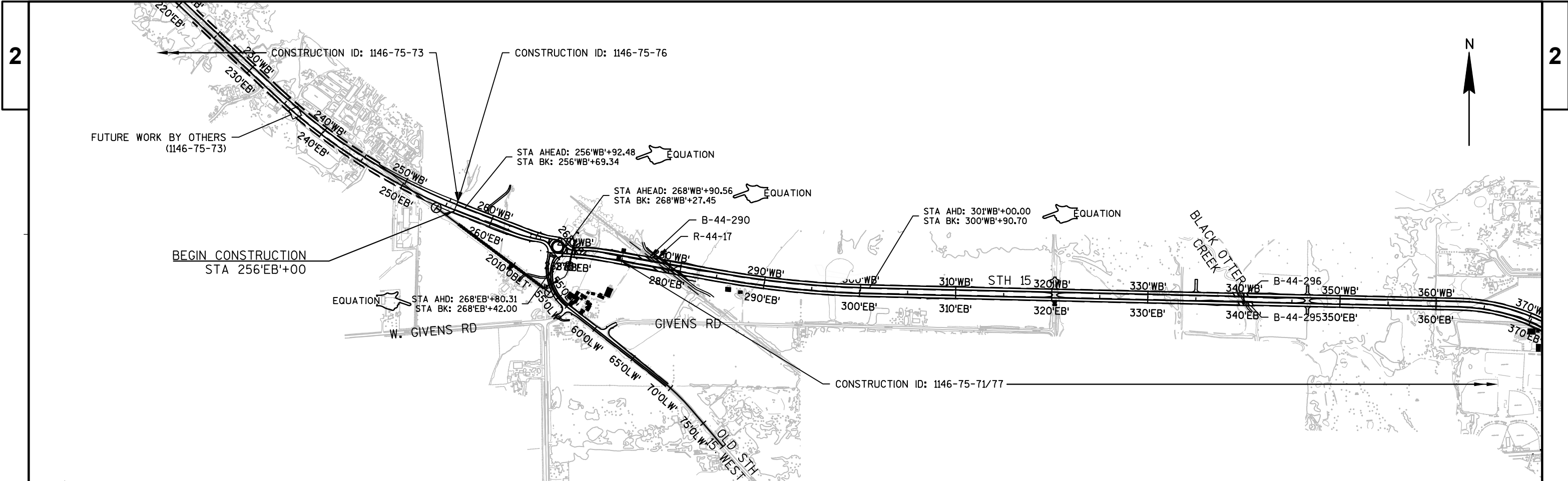
THE FIRST SECTION OF ALL REINFORCED CONCRETE CULVERT PIPE EXTENSIONS SHALL BE CONSTRUCTED TO MATCH THE EXISTING CULVERT PIPE OR OTHER CONNECTIONS MAY BE USED WITH THE APPROVAL OF THE ENGINEER.

THE EXACT LOCATION OF PRIVATE AND FIELD ENTRANCES ARE TO BE DETERMINED IN THE FIELD BY THE ENGINEER.

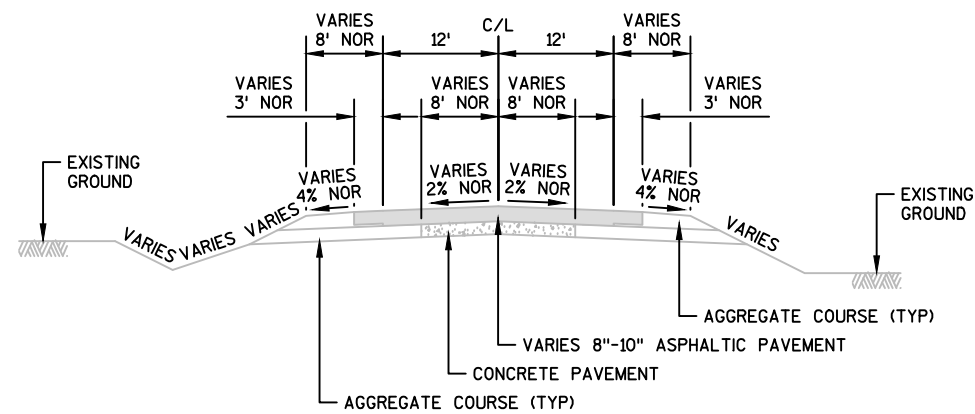
CONTRACTOR SHALL MAINTAIN ACCESS TO ALL DRIVEWAYS AT ALL TIMES EXCEPT WHEN CONSTRUCTION OPERATIONS REQUIRE THE DRIVEWAY TO BE CLOSED. ACCESS TO THE DRIVEWAY SHALL BE RE-ESTABLISHED IMMEDIATELY AFTER WORK IS COMPLETED.

THE EXACT LOCATION OF ACCESS POINTS SHALL BE DETERMINED IN THE FIELD BY THE ENGINEER, EXCEPT FOR CONTROLLED LOCATIONS SHOWN ON THE PLAT.

DRIVEWAY SURFACE BEYOND EDGE OF SHOULDER SHALL BE REPLACED IN-KIND WITH A MINIMUM SECTION OF:
3" ASPHALTIC SURFACE OVER 6" BASE AGGREGATE DENSE 3/-INCH FOR ASPHALTIC PRIVATE DRIVEWAYS AND FIELD ENTRANCES; 6" BASE AGGREGATE DENSE 3/4-INCH FOR GRAVEL DRIVEWAYS.



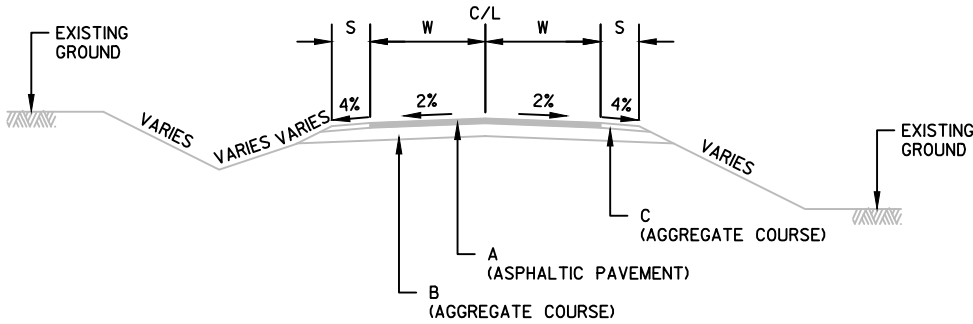
PROJECT NO: 1146-75-76	HWY: STH 15	COUNTY: OUTAGAMIE	PROJECT OVERVIEW	SHEET	E
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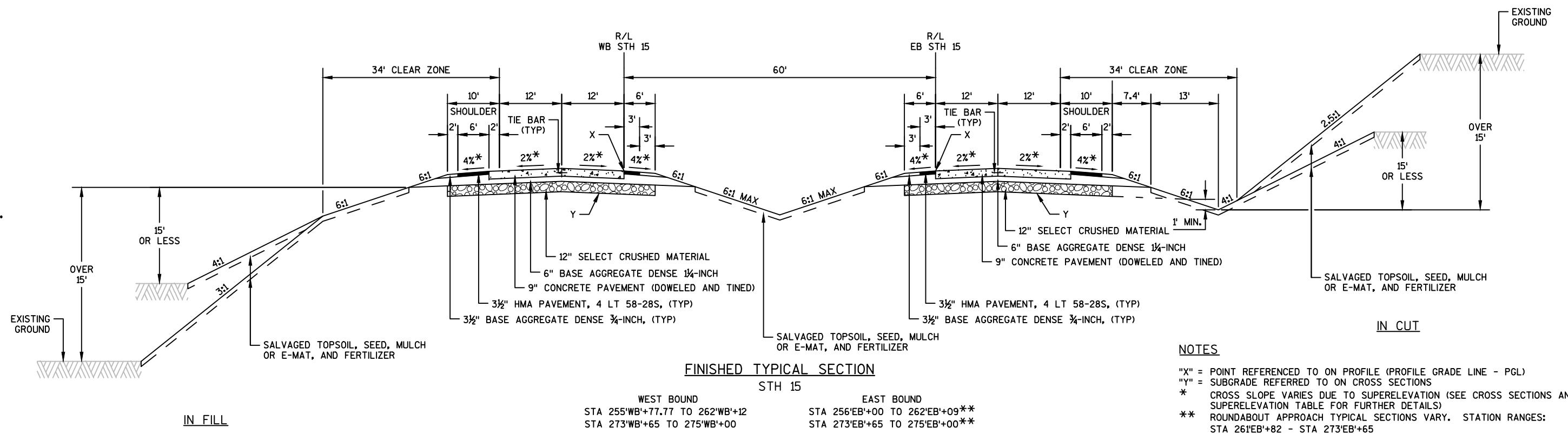
EXISTING TYPICAL SECTION
STH 15

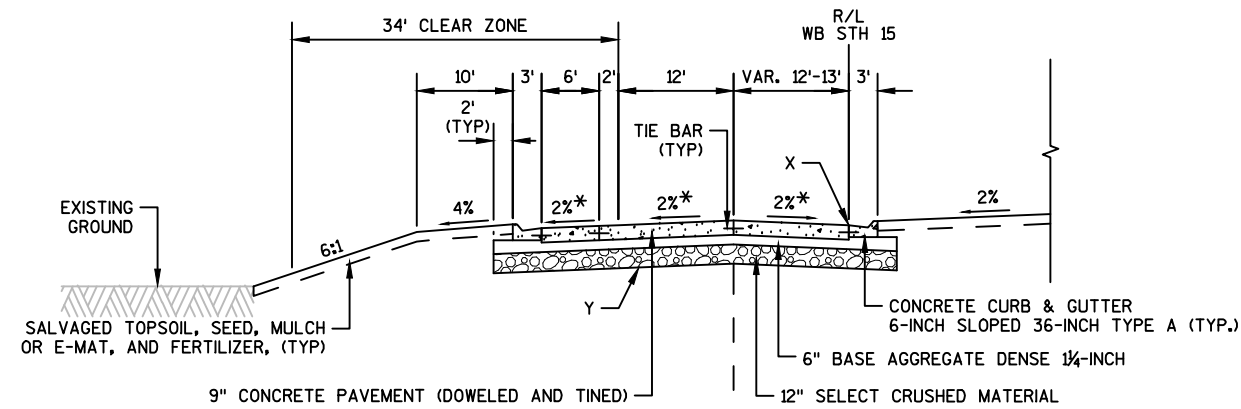
STA 219+50 TO STA 266+57
STA 50+00 TO STA 69+50 (OLD STH 15 WEST ALIGNMENT)

LOCAL ROADS					
ROAD	PAVEMENT (NOR)		AGGREGATE SHOULDER (NOR)		BASE (NOR)
	WIDTH (W)	THICKNESS (A)	WIDTH (S)	THICKNESS (C)	THICKNESS (B)
GIVENS RD (WEST)	12'	3"	2'	3"	8"
GIVENS RD (EAST)	10'	3"	2'	3"	8"



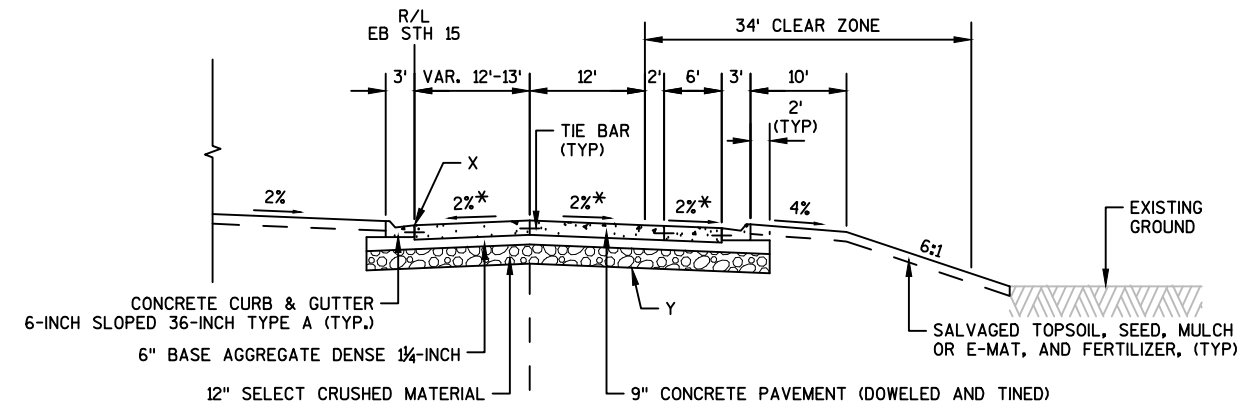
EXISTING TYPICAL SECTION
LOCAL ROADS - SEE TABLE





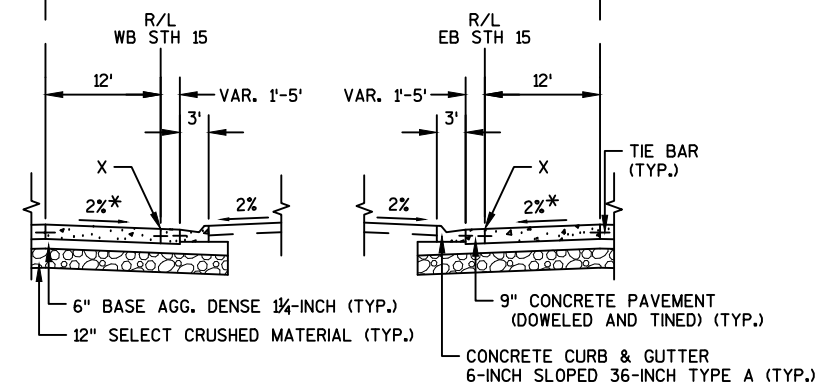
FINISHED TYPICAL HALF SECTION

STH 15
STA 262'WB'+12 - STA 265'WB'+39
STA 270'WB'+07 - STA 272'WB'+89



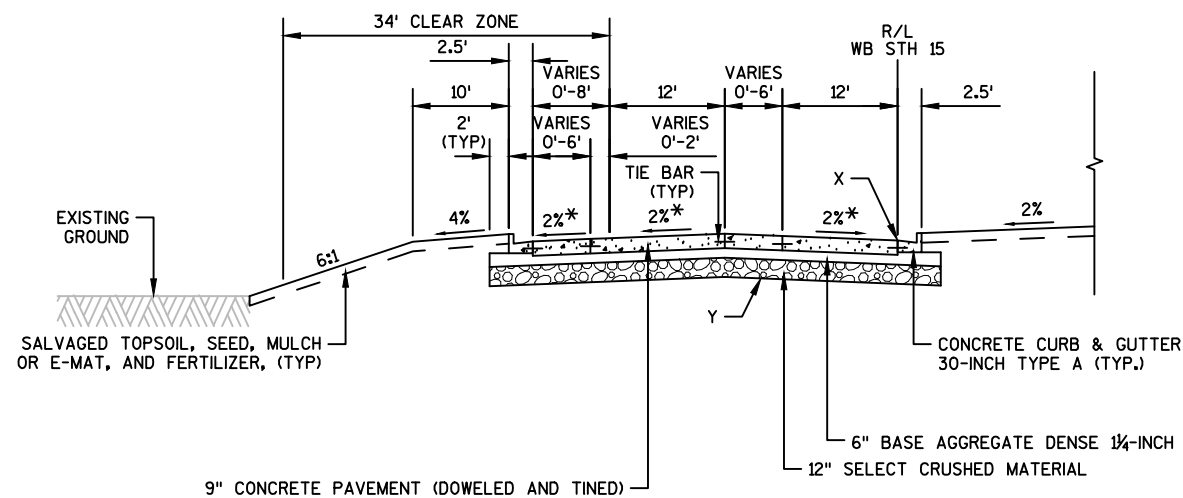
FINISHED TYPICAL HALF SECTION

STH 15
STA 262'EB'+67 - STA 265'EB'+46
STA 270'EB'+15 - STA 273'EB'+65



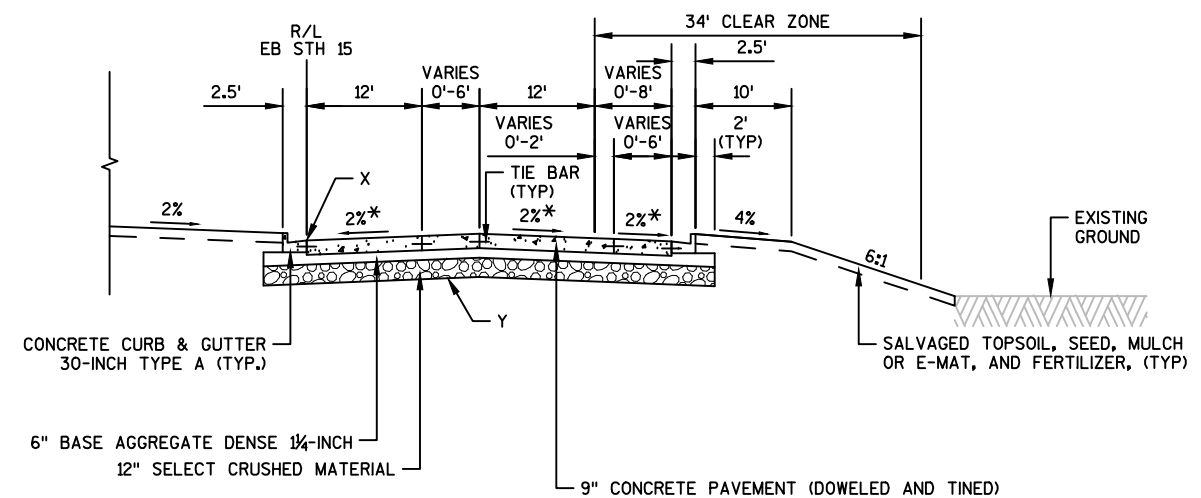
FINISHED TYPICAL PARTIAL SECTION

STH 15
STA 272'WB'+89* - STA 273'WB'+65
STA 262'EB'+09 - STA 262'EB'+67*
*STATION IS APPROXIMATE. MATCH NEAREST MAINLINE CONTRACTION JOINT



FINISHED TYPICAL HALF SECTION

STH 15
STA 265'WB'+39 - STA 266'WB'+63
STA 269'WB'+06 - STA 270'WB'+07



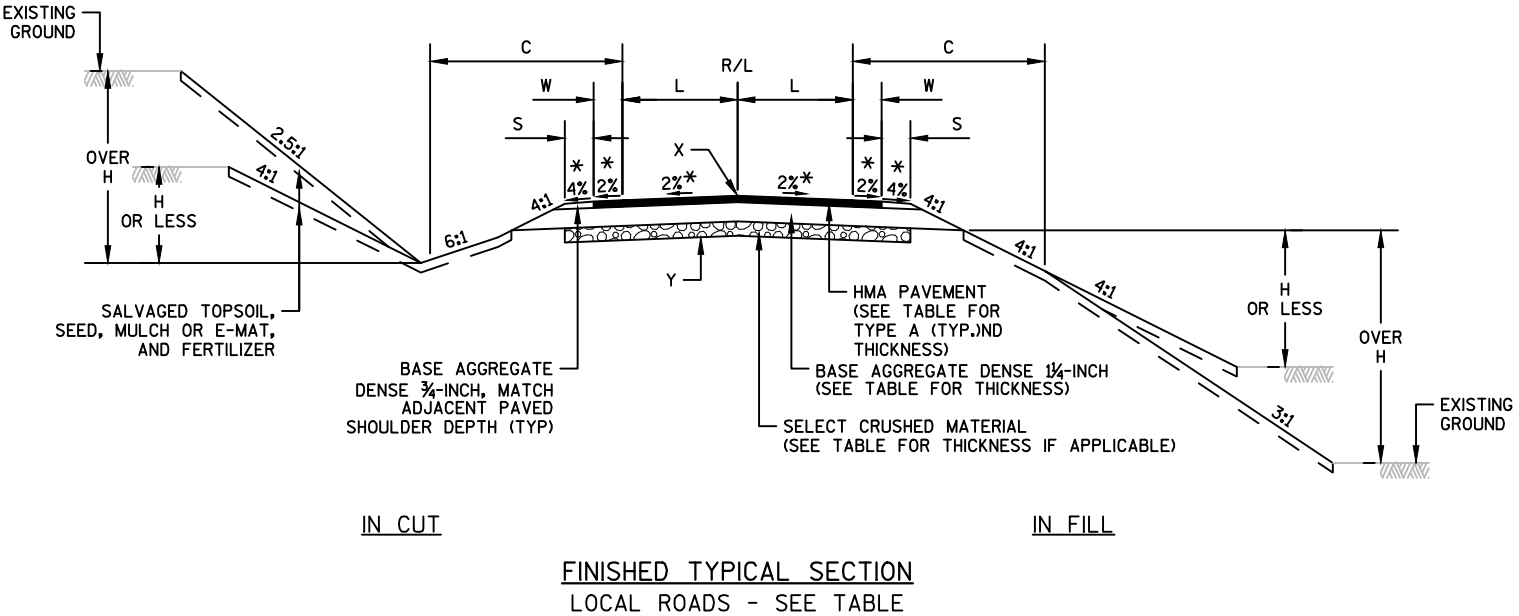
FINISHED TYPICAL HALF SECTION

STH 15
STA 265'EB'+46 - STA 266'EB'+55
STA 268'EB'+95 - STA 270'EB'+15

NOTES

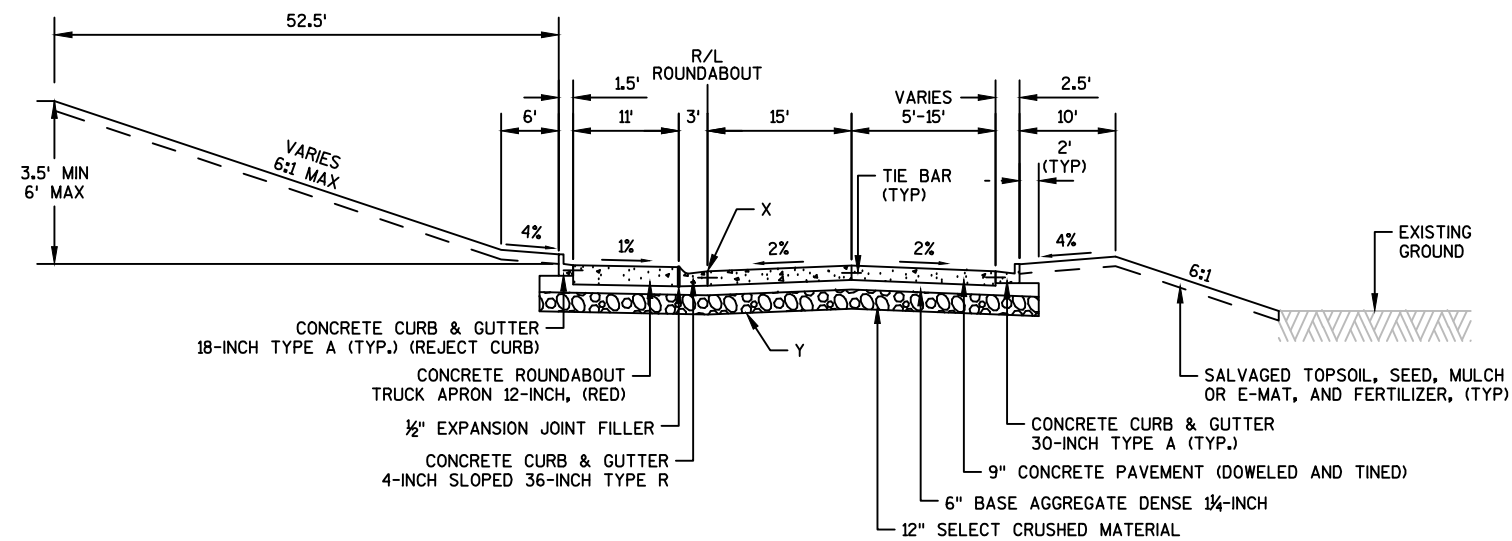
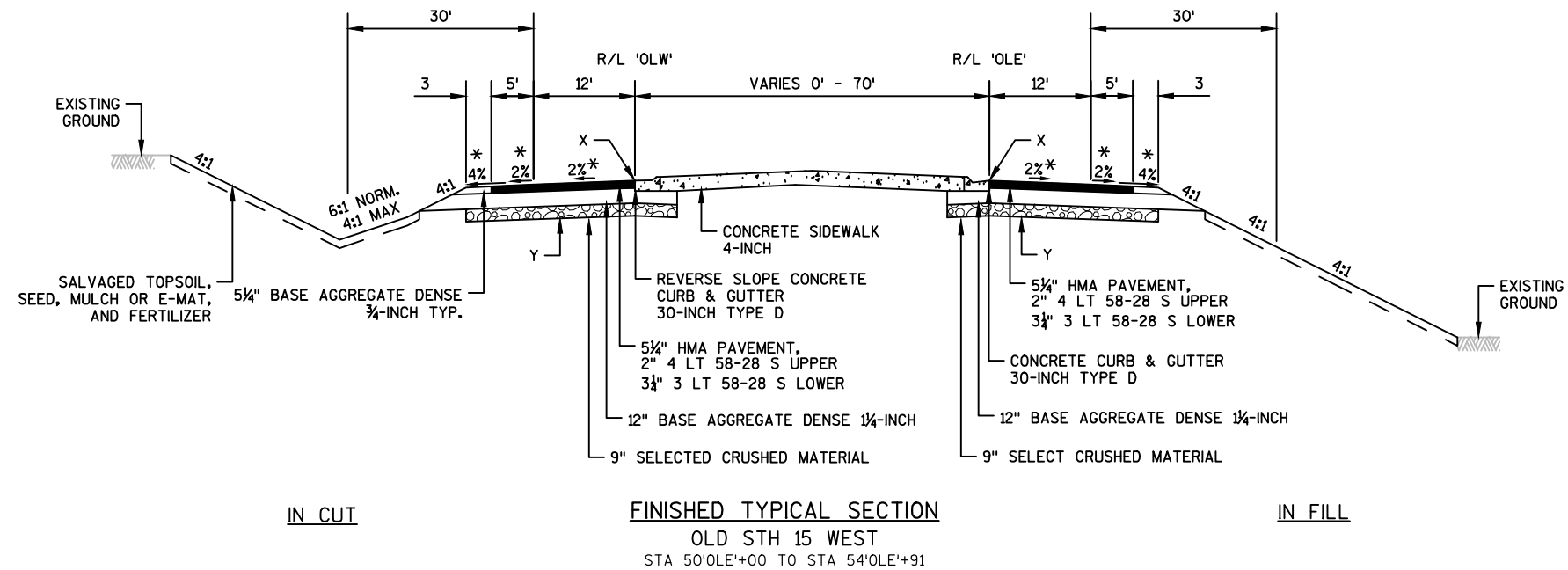
- "X" = POINT REFERENCED TO ON PROFILE (PROFILE GRADE LINE - PGL)
- "Y" = SUBGRADE REFERRED TO ON CROSS SECTIONS
- * CROSS SLOPE VARIES DUE TO SUPERELEVATION (SEE CROSS SECTIONS AND SUPERELEVATION TABLE FOR FURTHER DETAILS)

LOCAL ROADS											
ROAD	PAVEMENT		AGGREGATE SHOULDER	CLEAR ZONE	SIDE SLOPE	PAVEMENT STRUCTURE				HMA PAVEMENT LAYER THICKNESS	
	LANE WIDTH (L)	SHOULDER WIDTH (W)	WIDTH (S)	WIDTH (C)	HEIGHT (H)	HMA TYPE	HMA THICKNESS	B.A.D. 1/4-INCH THICKNESS	SELECTED CRUSHED MATERIAL THICKNESS	UPPER LAYER	LOWER LAYER
GIVENS RD (WEST)	11'	1'	4'	14'	10'	4 LT 58-28 S UPPER 3 LT 58-28 S LOWER	4.0"	12.0"	N/A	1 3/4"	2 1/4"
GIVENS RD (EAST)	10'	0'	3'	14'	10'	4 LT 58-28 S UPPER 3 LT 58-28 S LOWER	4.0"	12.0"	N/A	1 3/4"	2 1/4"
OLD STH 15 WEST	12'	5'	3'	30'	15'	4 LT 58-28 S UPPER 3 LT 58-28 S LOWER	5.25"	12.0"	9.0"	2"	3 1/4"



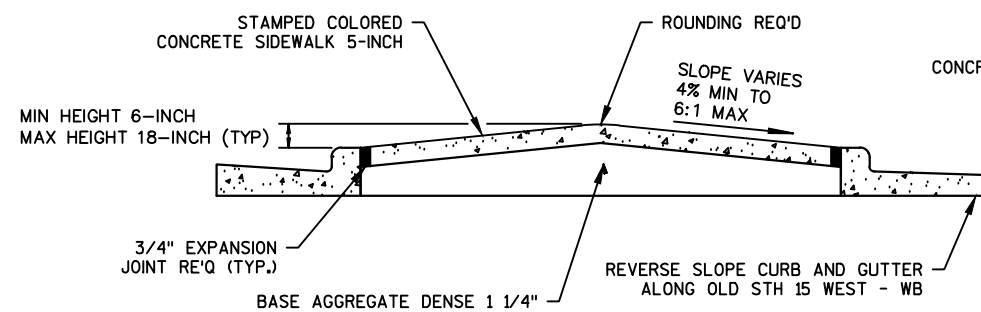
NOTES

"X" = POINT REFERENCED TO ON PROFILE (PROFILE GRADE LINE - PGL)
"Y" = SUBGRADE REFERRED TO ON CROSS SECTIONS
* CROSS SLOPE VARIES DUE TO SUPERELEVATION (SEE CROSS SECTIONS AND SUPERELEVATION TABLE FOR FURTHER DETAILS)

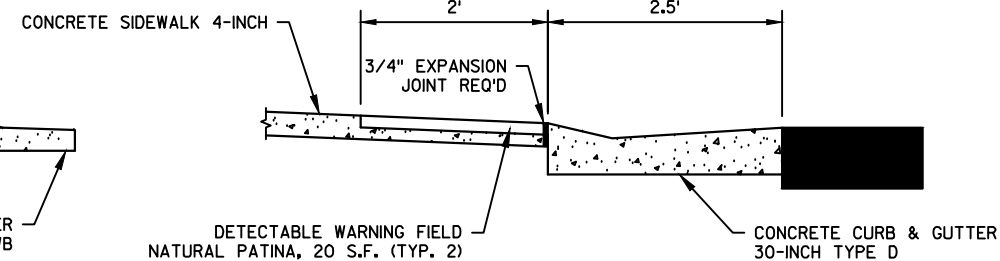


NOTES

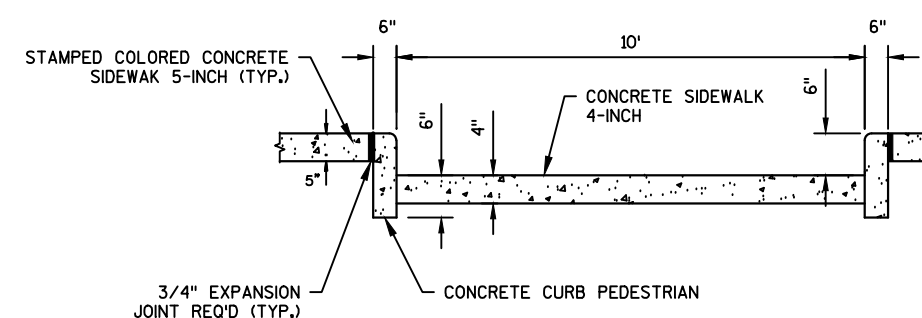
- "X" = POINT REFERENCED TO ON PROFILE (PROFILE GRADE LINE - PGL)
 "Y" = SUBGRADE REFERRED TO ON CROSS SECTIONS
 * CROSS SLOPE VARIES DUE TO SUPERELEVATION (SEE CROSS SECTIONS AND SUPERELEVATION TABLE FOR FURTHER DETAILS)



SECTION A-A



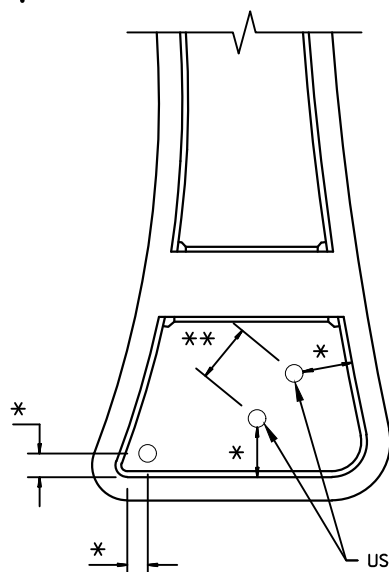
SECTION B-B



SECTION C-C

* DISTANCE TO BE LAID OUT IN THE FIELD BASED ON SIGN SIZE. TWO FOOT MINIMUM CLEARANCE BETWEEN THE EDGE OF SIGN AND THE FACE OF CURB.

** SEE A4-4 SIGN PLATE FOR POST SPACING REQUIREMENTS.



ISLAND SIGN LOCATION DETAIL (TYP.)

NOTIFY THE REGIONAL TRAFFIC UNIT AT 920-492-5653 A MINIMUM OF TWO WEEKS PRIOR TO THE NEED FOR SIGN PLACEMENT TO ALLOW FOR STAKING OF ANY PERMANENT SIGNING REQUIRED ON THE PROJECT.

SEE PLAN FOR LOCATION OF DRIVEWAY OPENING
2 - CONCRETE MEDIAN SLOPE NOSE TYPE 1 REQ'D

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

CONCRETE MEDIAN
SLOPED NOSE TYPE 1 REQ'D

3/4" EXPANSION JOINT REQ'D

CONSTRUCTION R/L

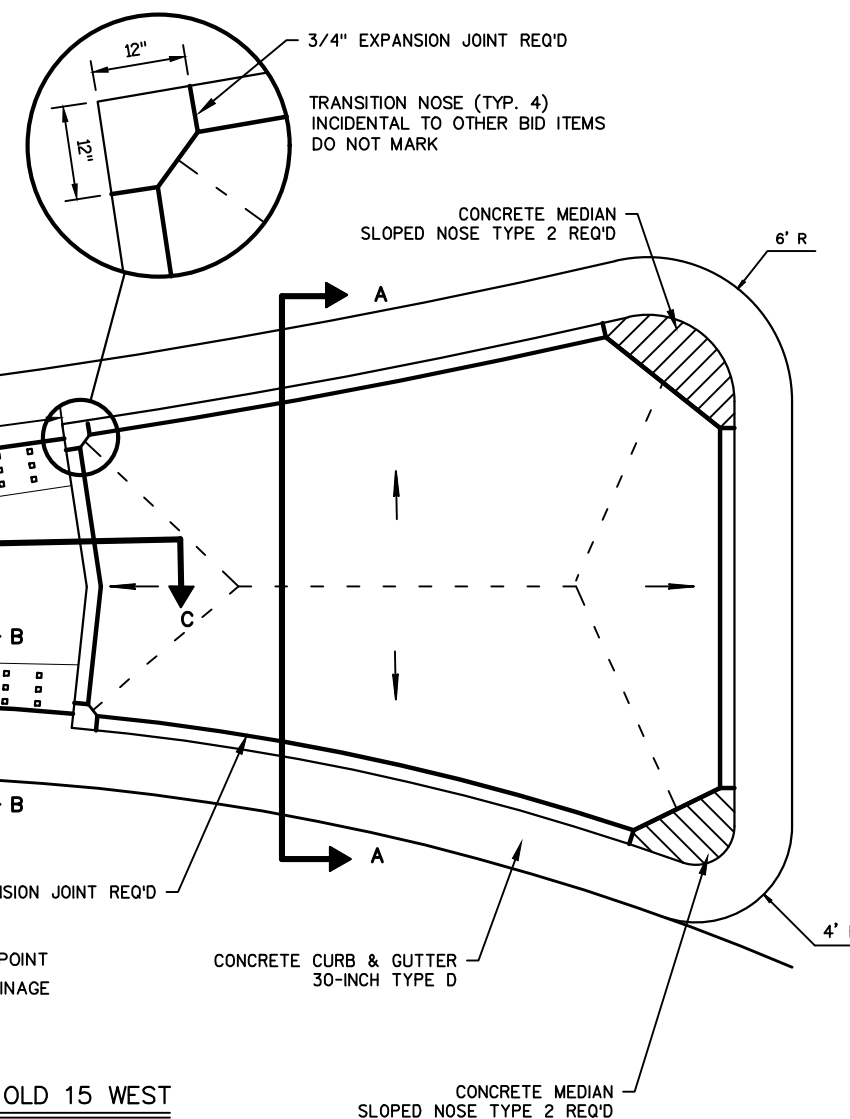
OFFSET
2' MIN
4' MAX

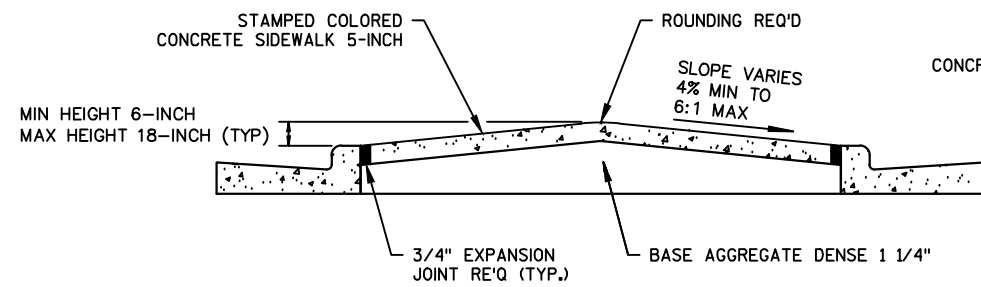
TAPER MATCH POINT
AS SHOWN ON
PAVING GRADE SHEET

18-INCH MINIMUM INSIDE DIAMETER
SEE ISLAND SIGN LOCATION DETAIL

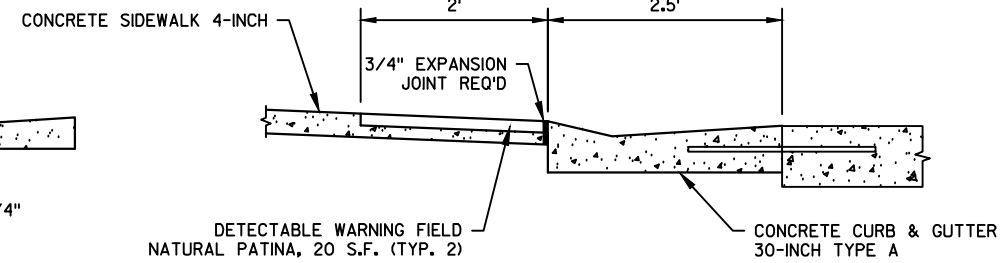
SPLITTER ISLAND DETAIL - OLD 15 WEST

--- DRAINAGE BREAK POINT
--- DIRECTION OF DRAINAGE

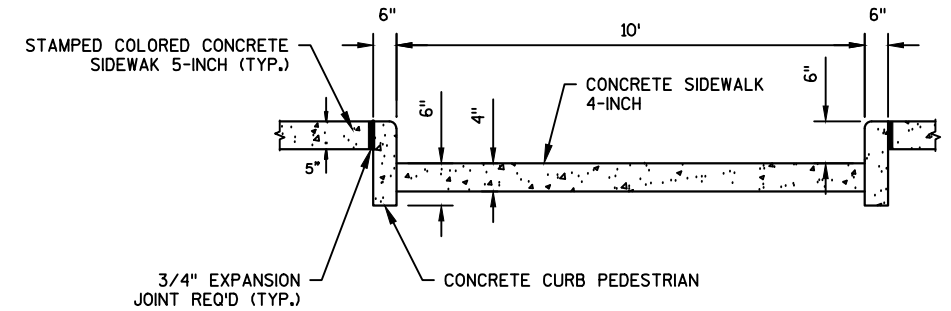




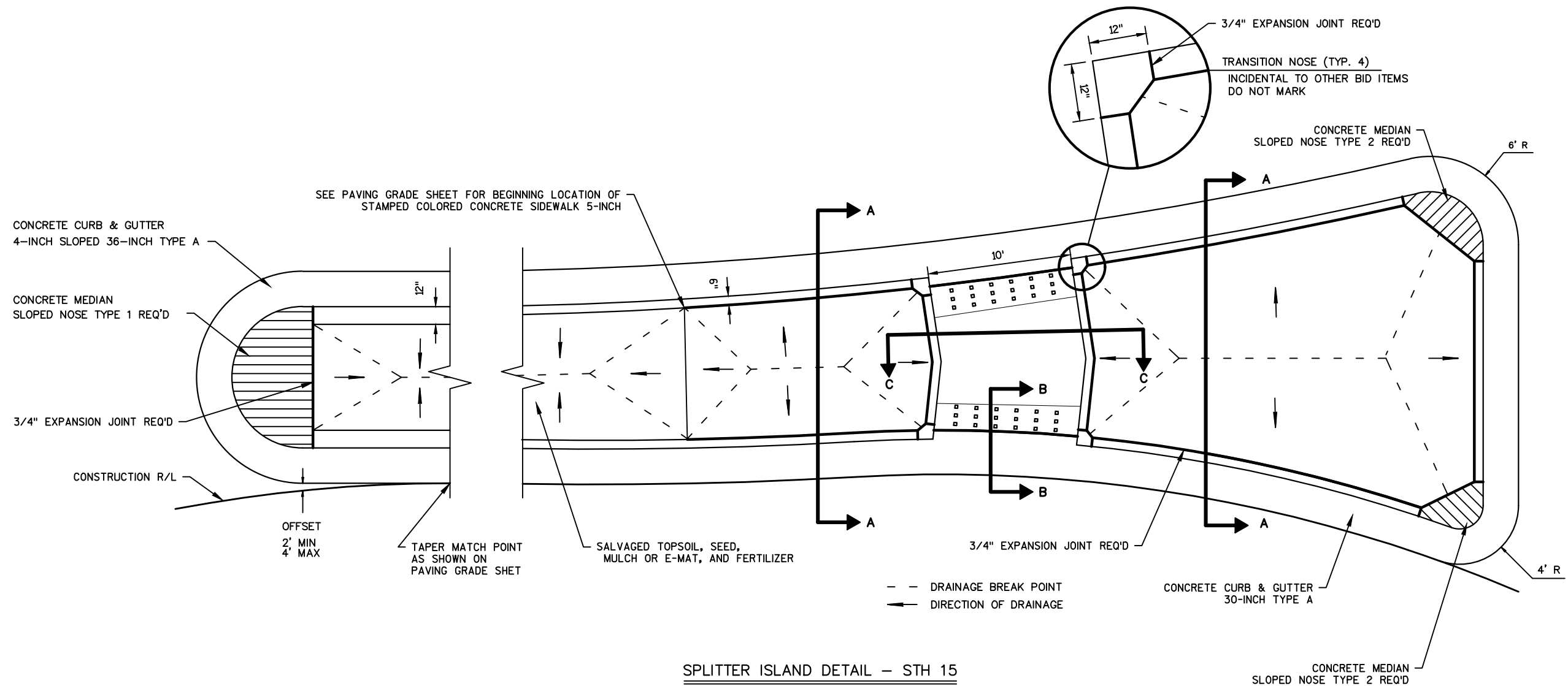
SECTION A-A

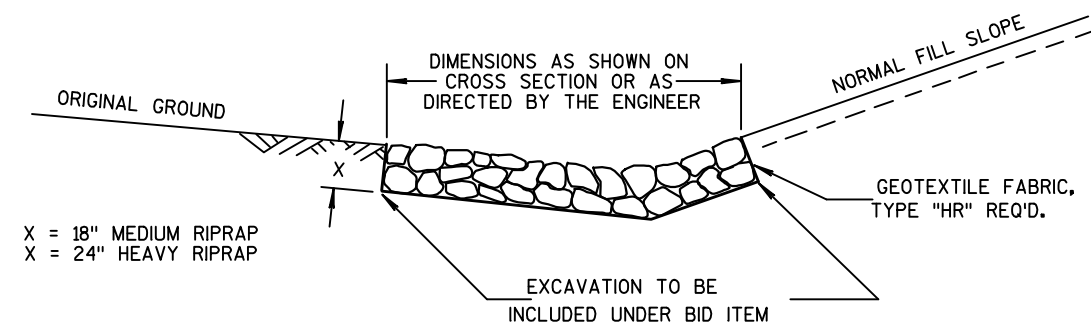


SECTION B-B

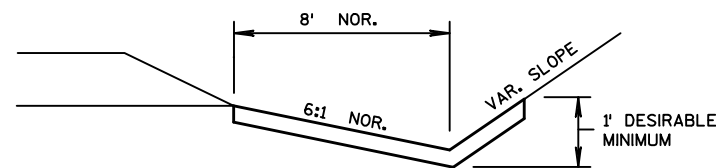


SECTION C-C

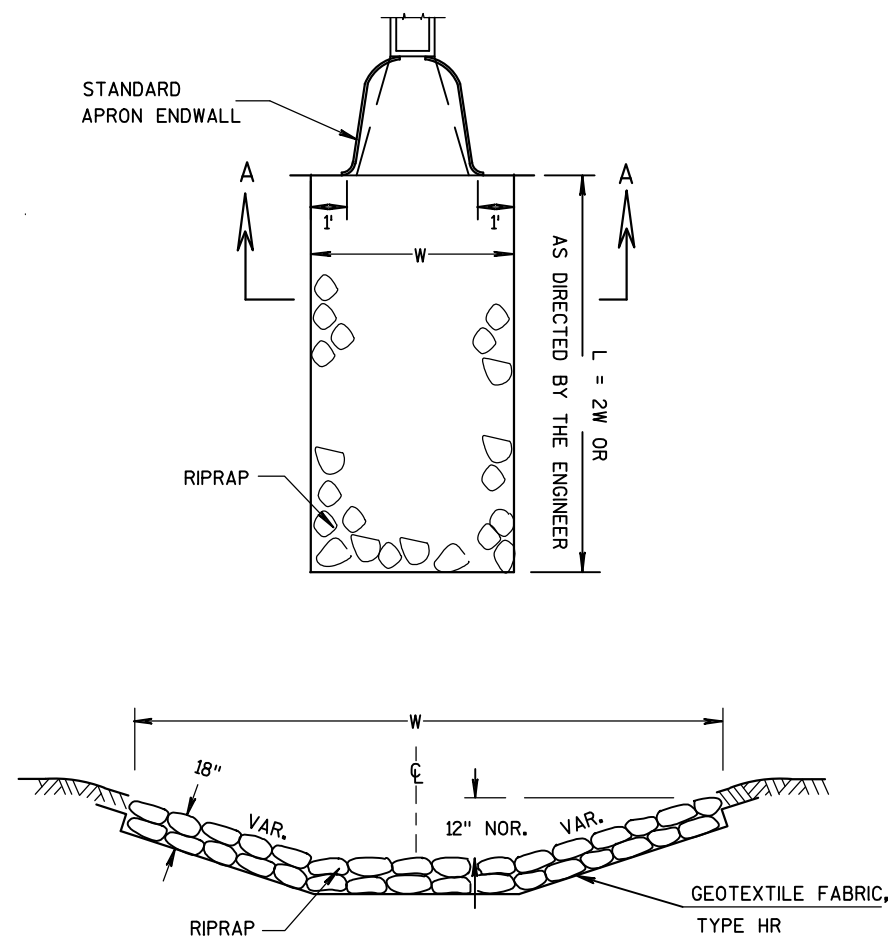




DETAIL FOR RIPRAP IN DITCHES

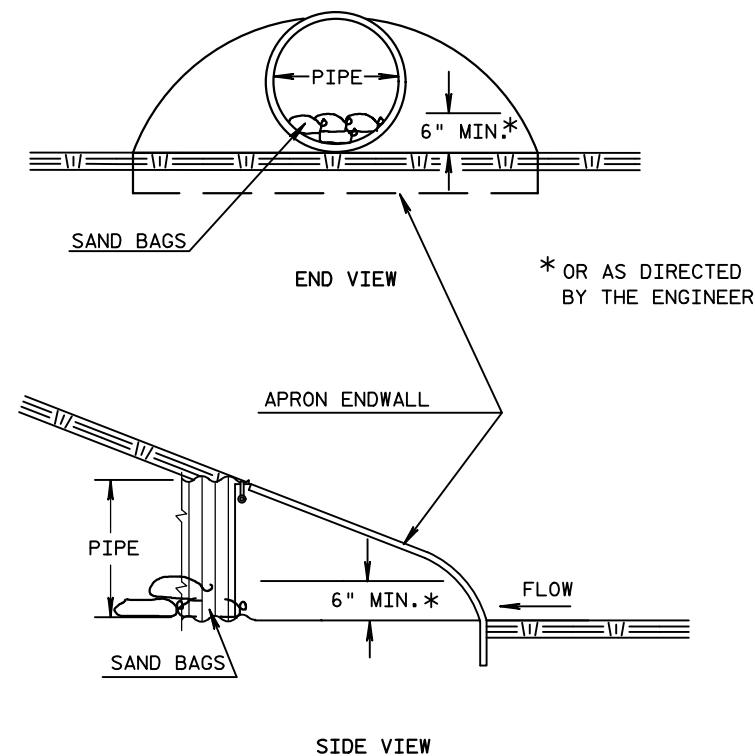


EROSION MAT DETAIL FOR DITCHES



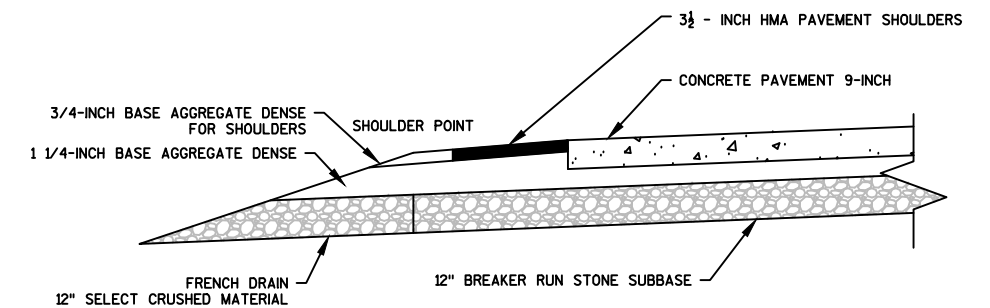
SECTION A-A

RIPRAP MEDIUM DETAIL AT APRON ENDWALLS

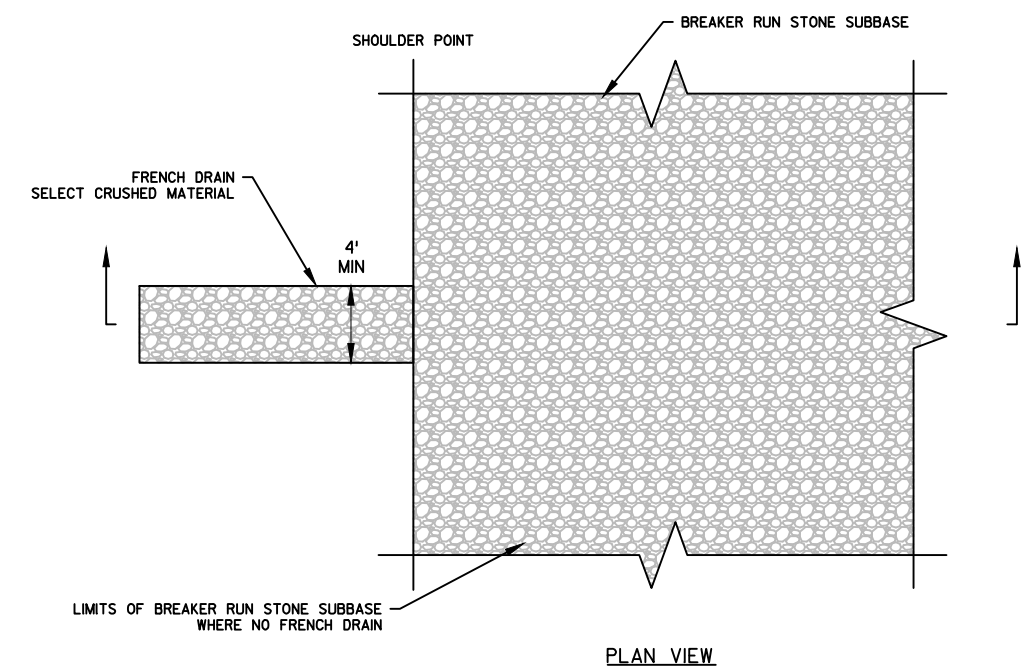


SIDE VIEW

CULVERT PIPE DITCH CHECK



SECTION VIEW



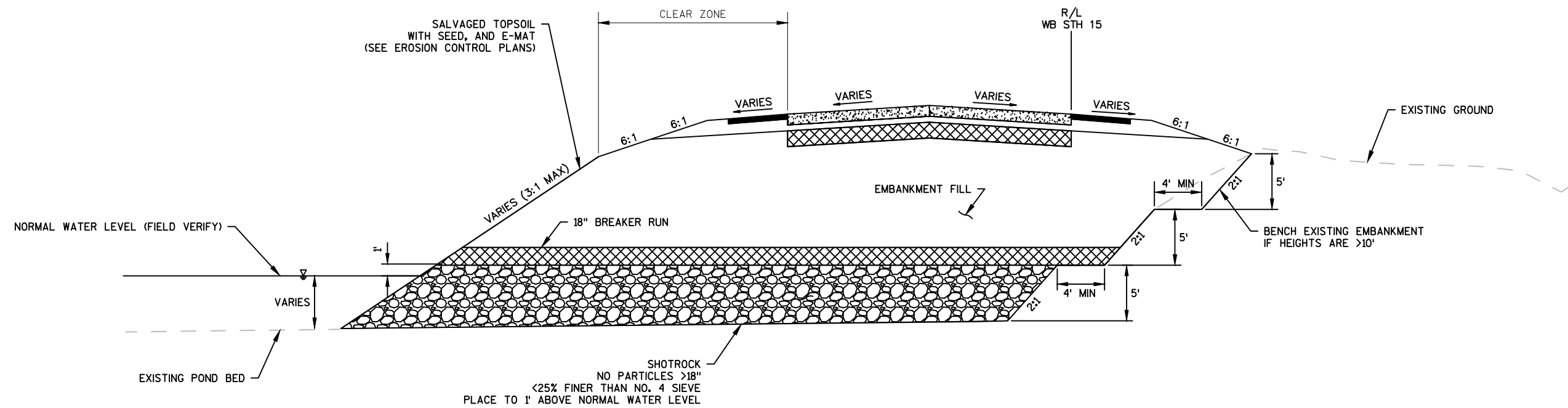
PLAN VIEW

FRENCH DRAIN DETAIL

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

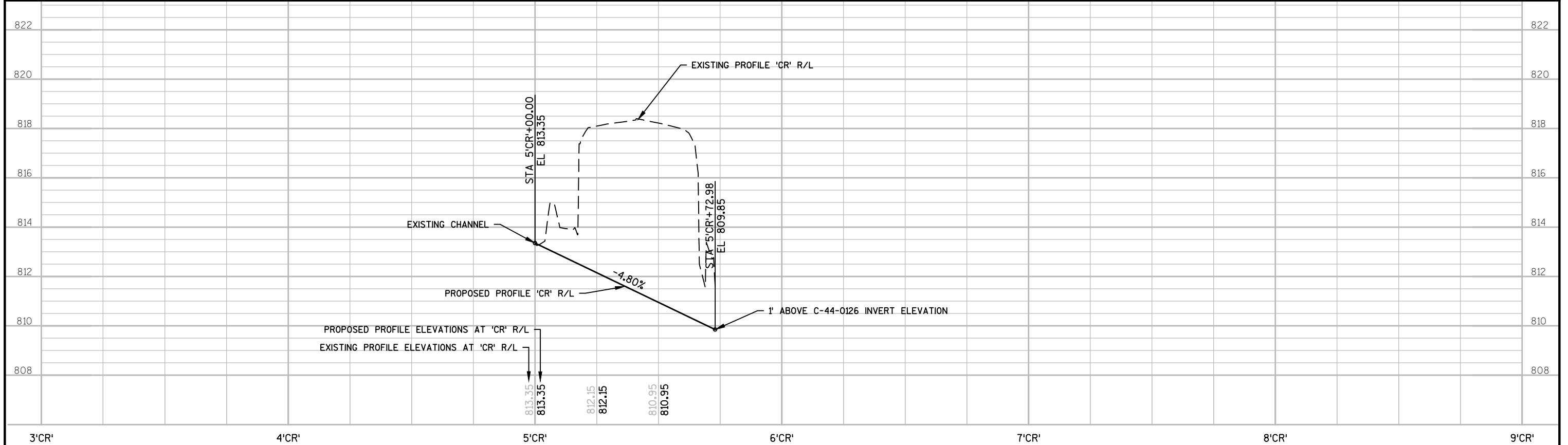
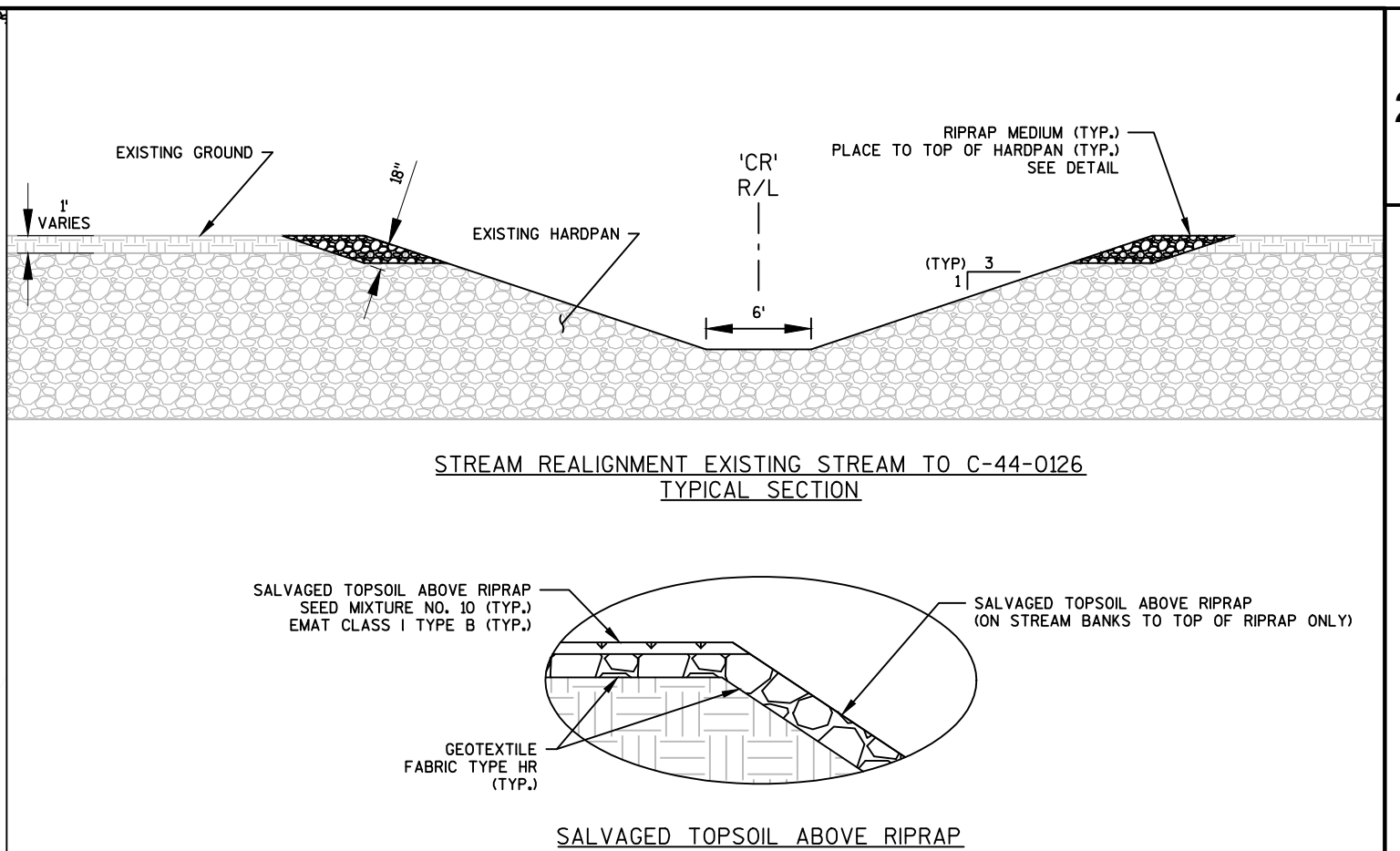
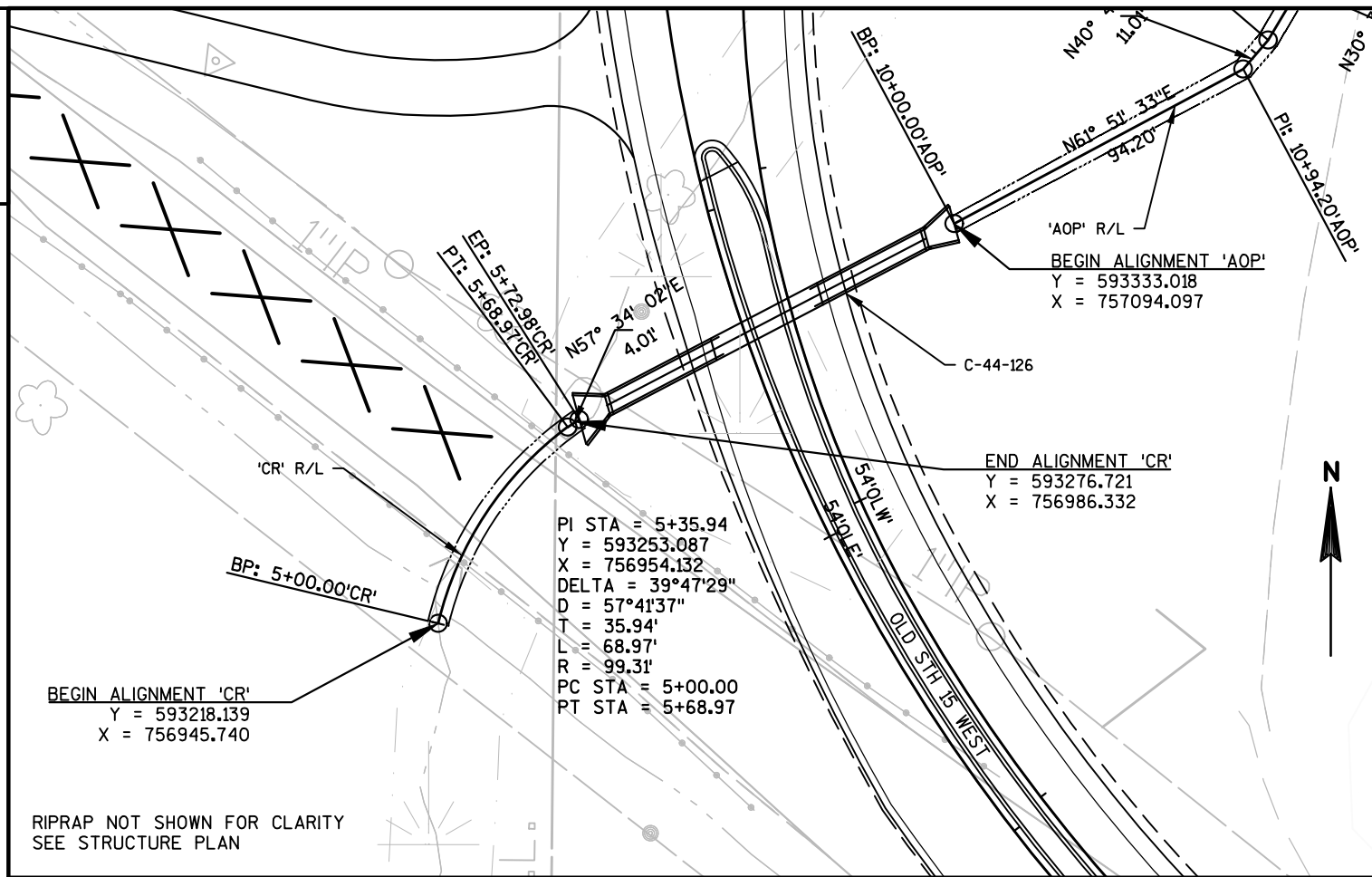
LOCATIONS TO BE DETERMINED IN THE FIELD BY THE ENGINEER.

EXCAVATION REQUIRED TO CONSTRUCT FRENCH DRAINS IS INCIDENTAL TO THE ITEM BREAKER RUN STONE.

**NOTE:**

SEE CROSS SECTIONS FOR APPROXIMATE
POND DEPTHS AT EACH STATION

POND FILL DETAIL



2

OLD STH 15 WEST

52'0.1'W

52'0.1'E

52'0.1'E

BP: 10+00.00'AOP'

PI: 10+94.20'AOP'

PI: 11+05.21'AOP'

PI: 11+29.40'AOP'

PI: 11+61.31'AOP'

EP: 12+52.78'AOP'

N61° 51' 33" E

94.20'

N40° 44' 14" E

11.01'

N22° 50' 40" E

31.91'

N30° 34' 07" E

24.19'

N12° 40' 13" 47' 46" E

91.47'

C-44-124

C-44-124

END ALIGNMENT 'AOP'

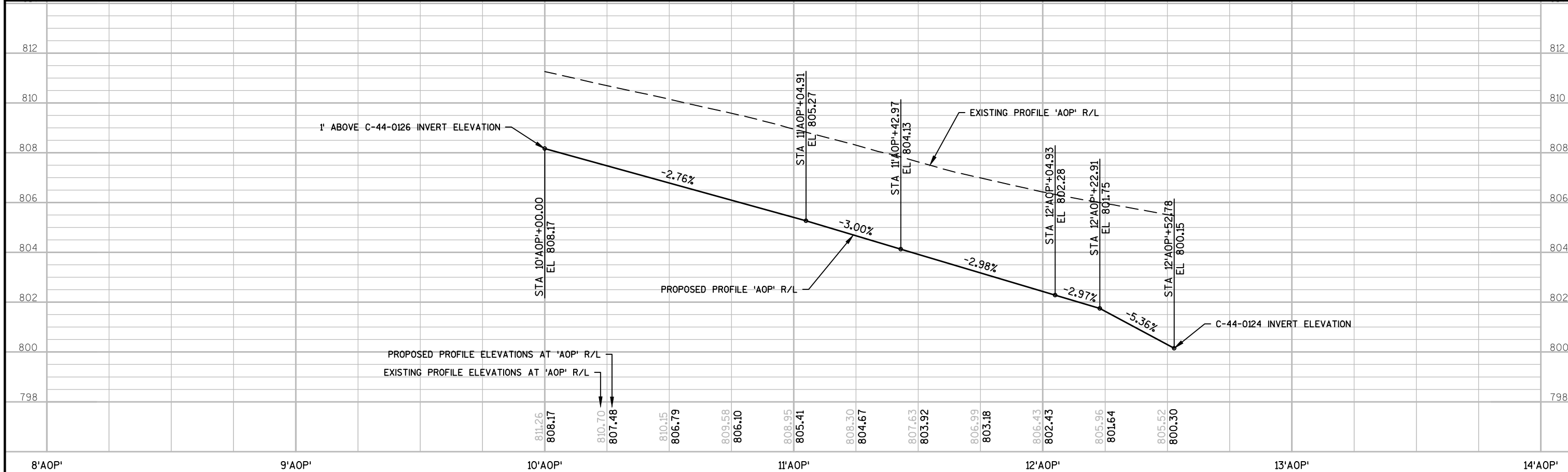
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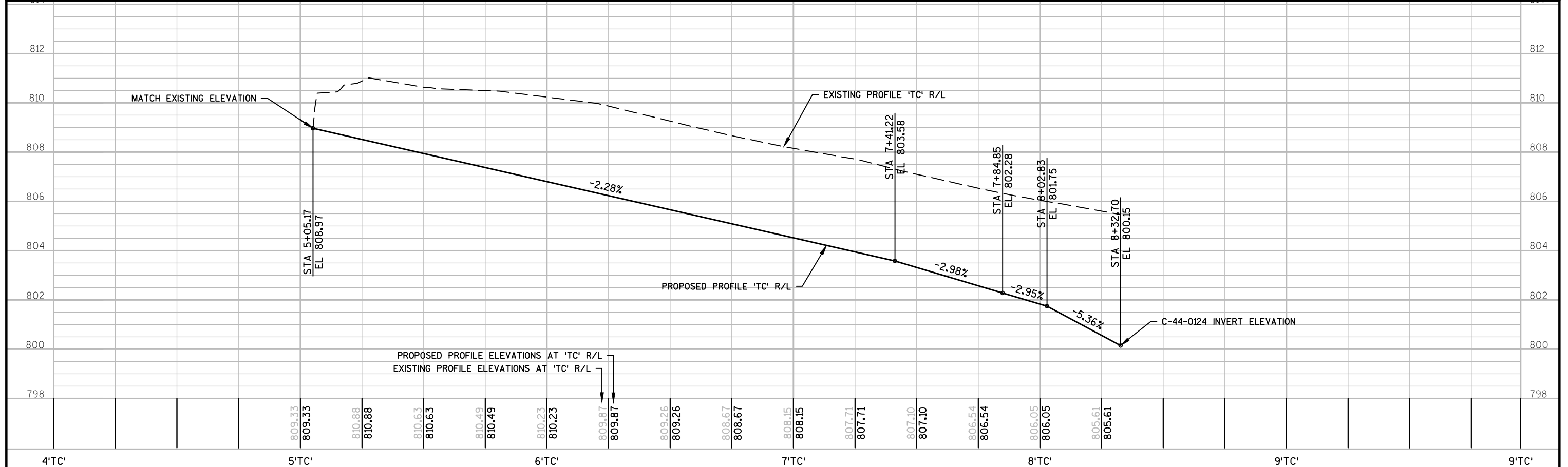
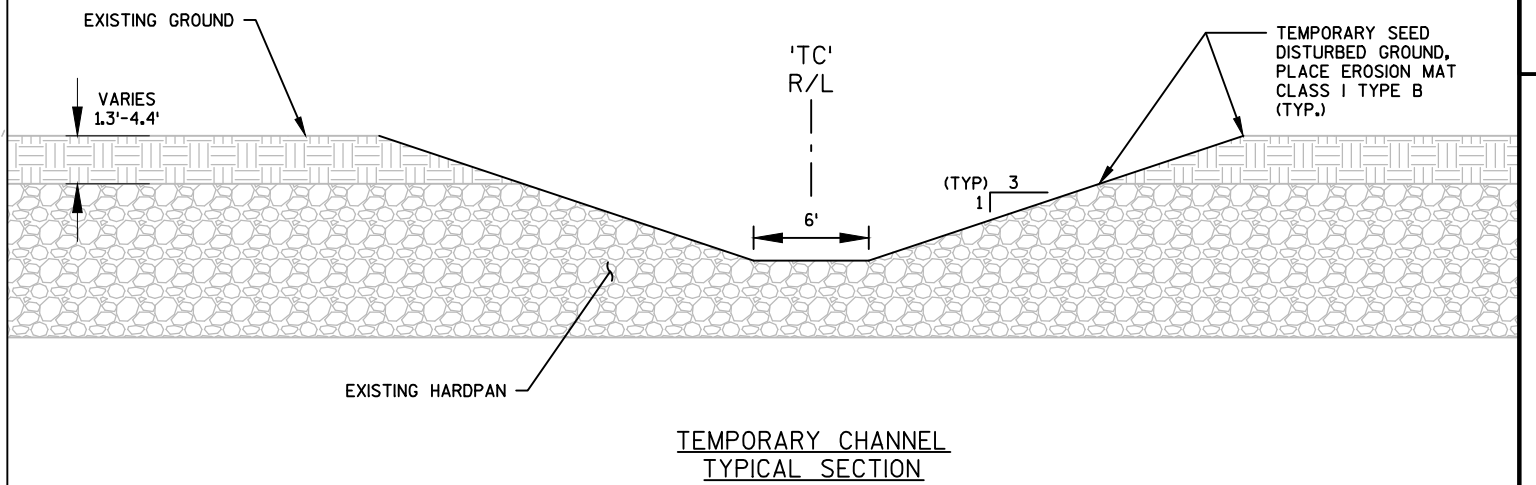
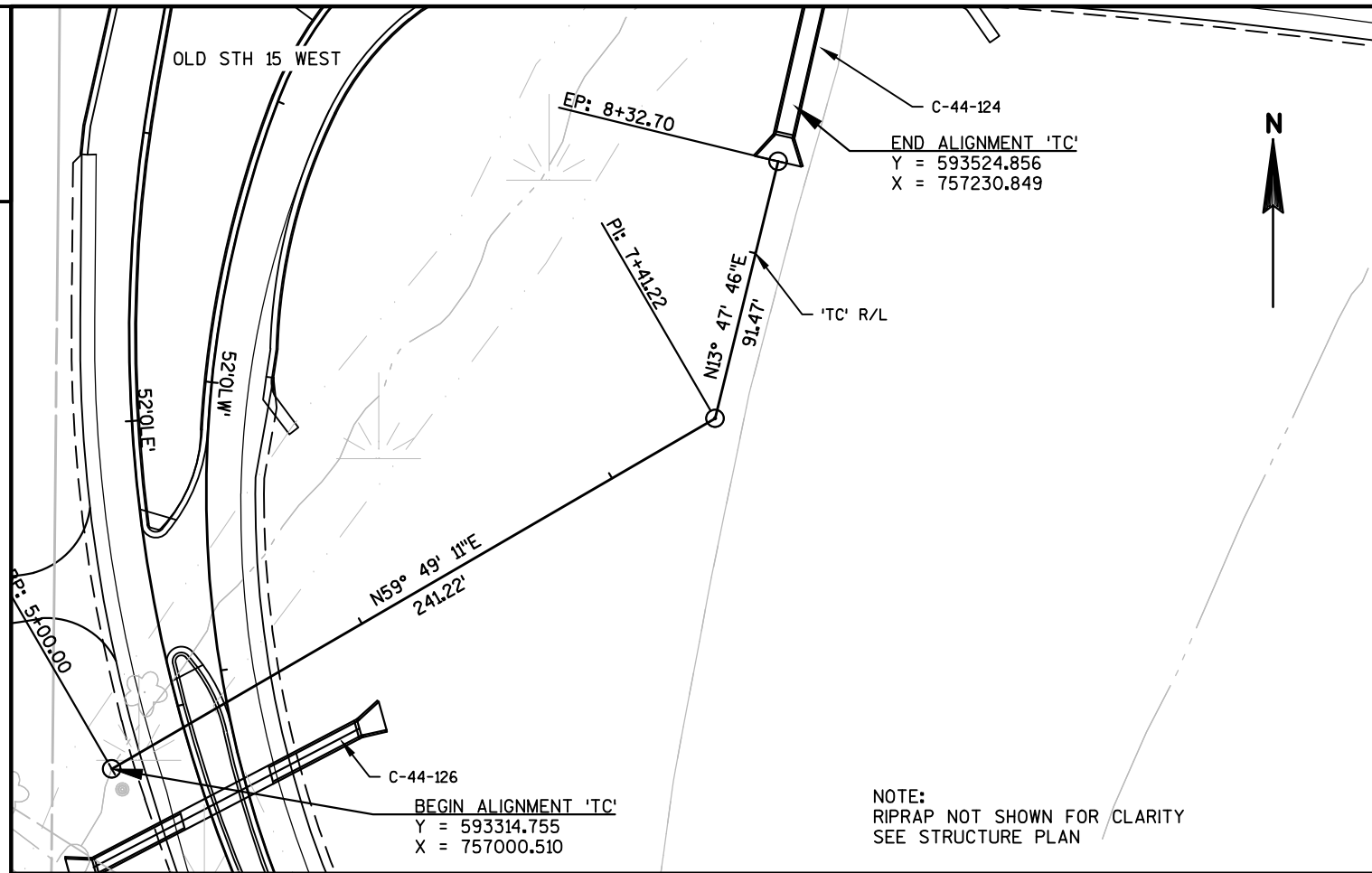
X = 757230.849

'AOP' R/L

N

RIPRAP NOT SHOWN FOR CLARITY
SEE STRUCTURE PLAN





PROJECT NO: 1146-75-76

HWY: STH 15

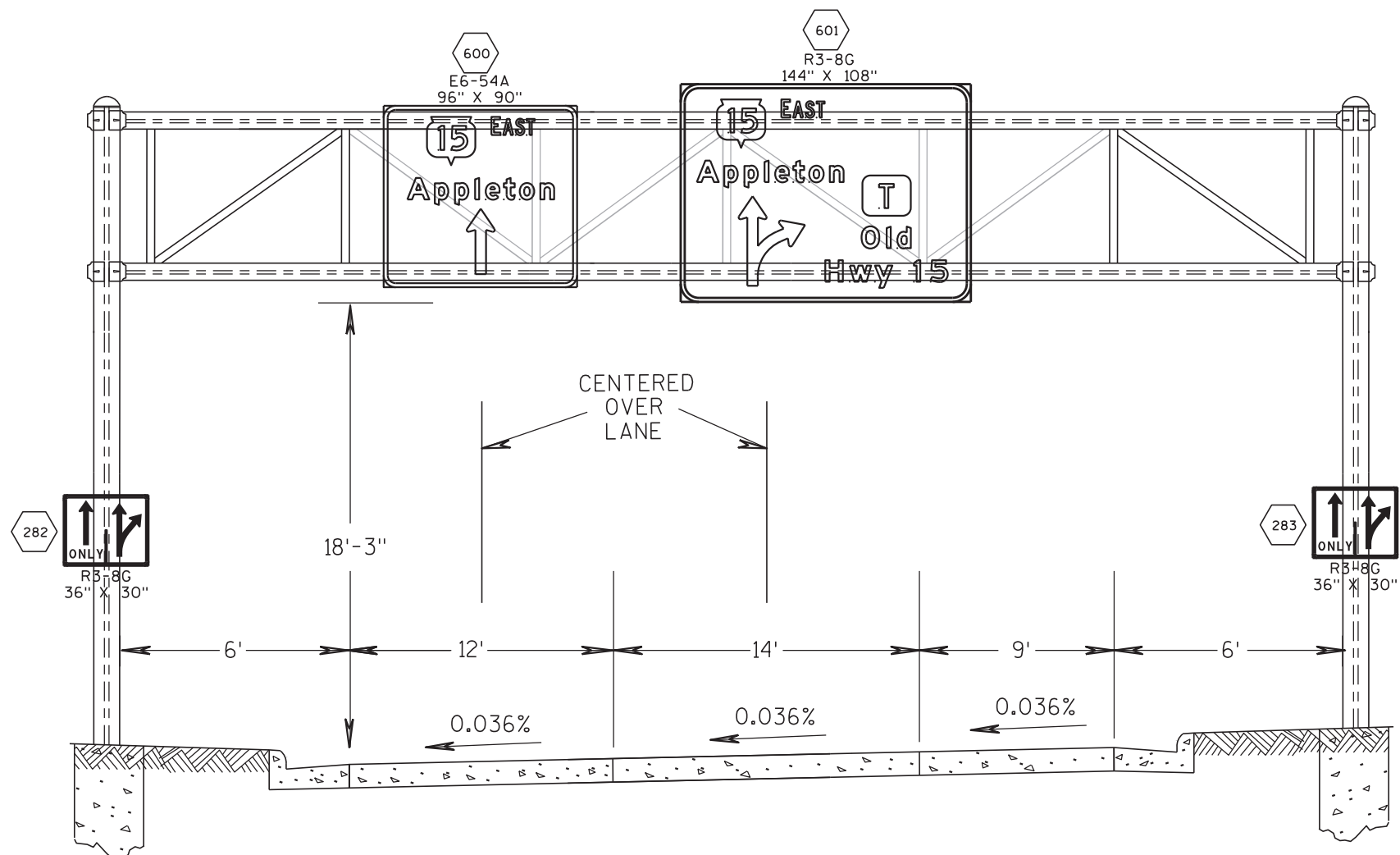
COUNTY: OUTAGAMIE

CONSTR. DETAIL - TEMPORARY CHANNEL

SHEET

E

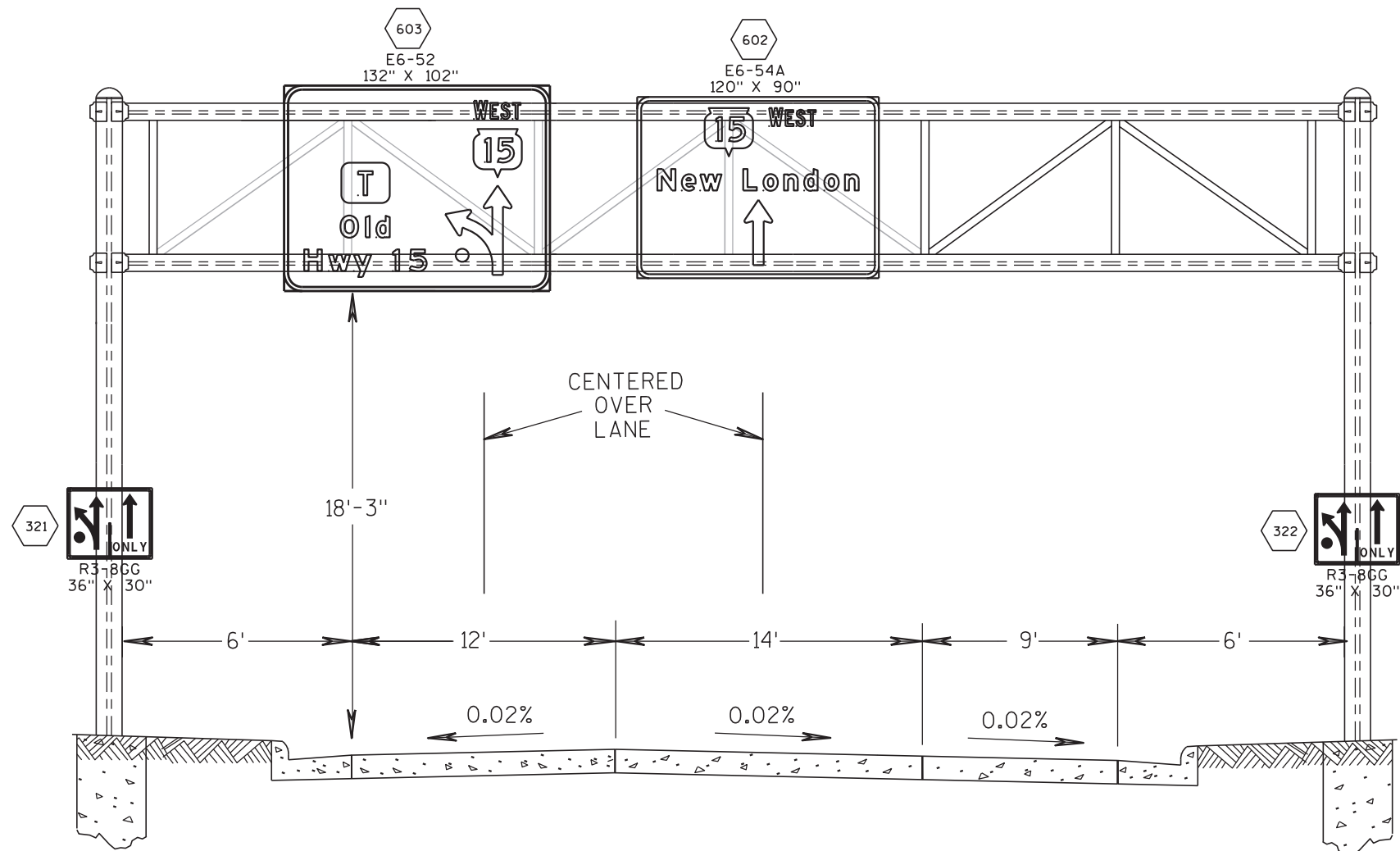
- 1) DRAWINGS NOT TO SCALE
- 2) DESIGN NEW OVERHEAD SIGN SUPPORTS ACCORDING TO THE LATEST EDITION OF, AND SUPPLEMENTAL TO THE STATE OF WISCONSIN "STANDARD SPECIFICATIONS FOR HIGHWAY AND STRUCTURE CONSTRUCTION" AND AASHTO "STANDARD SPECIFICATIONS FOR STRUCTURAL SUPPORTS FOR HIGHWAY SIGNS, LUMINARIES AND TRAFFIC SIGNALS."
- 3) PROVIDE AN IDENTIFICATION PLAQUE FOR ALL OVERHEAD SIGN SUPPORTS, TO BE CONSIDERED INCIDENTAL TO THE BID ITEM "OVERHEAD SIGN SUPPORT".
- 4) SIZE THE ANCHOR BOLT/TEMPLATE ASSEMBLY TO FIT WITHIN THE BAR GAGE OF THE FOOTING BASE SHOWN IN THE CONTRACT PLANS FOR A 36" DIAMETER BASE. IN ADDITION TO MEETING ALL APPLICABLE DESIGN REQUIREMENTS FOR THE DESIGN OF THE UPRIGHT BASE CONNECTION.
- 5) PROVIDE DESIGN CALCULATIONS
- 6) SIGNS OR BLANKS SHALL BE INSTALLED ON THE OVERHEAD SIGN SUPPORT AT THE TIME OF ERECTION. BLANKS, IF USED, SHALL BE OF THE SAME SIZE AND LOCATION AS PERM SIGNING.
- 7) SIGNS SHALL BE ATTACHED TO SIGN BRIDGE AS SHOWN ON STANDARD SIGN PLATE A4-7.



STH 15 EAST
S-44-113
STA 262+27

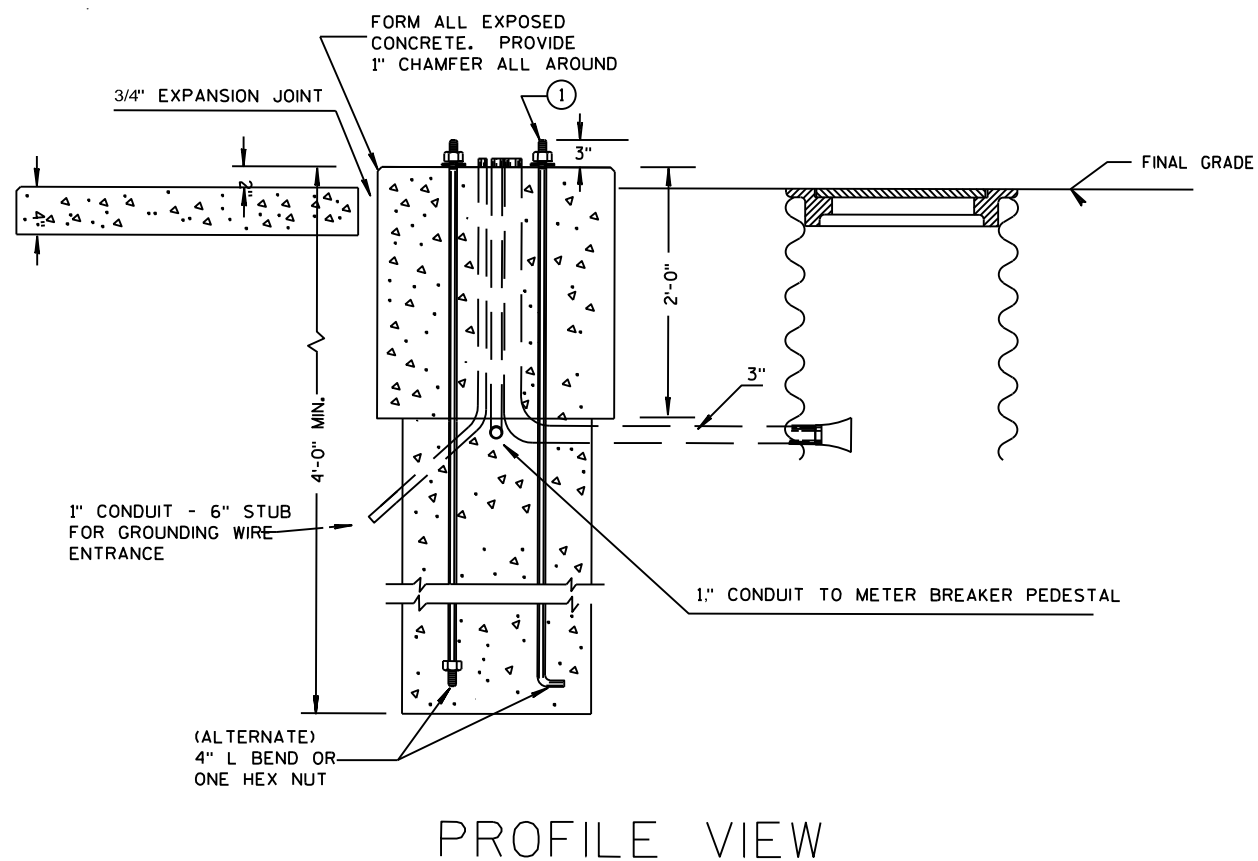
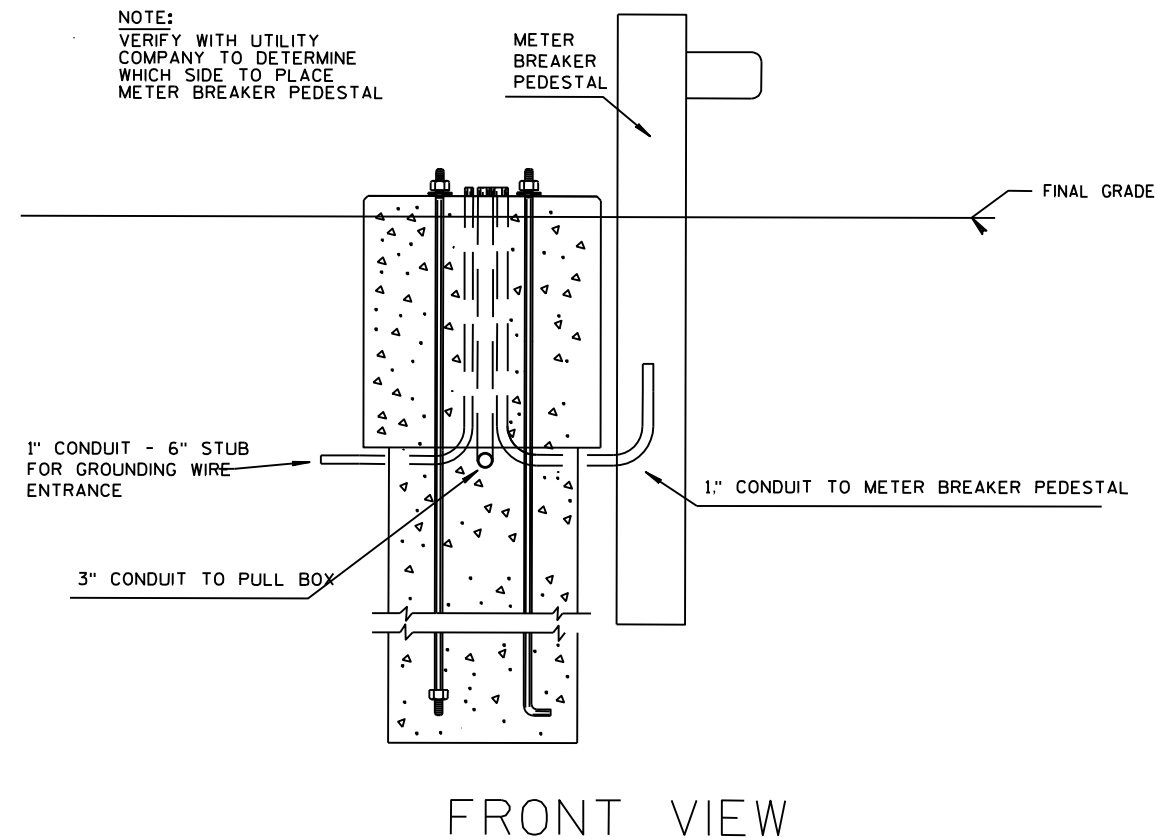
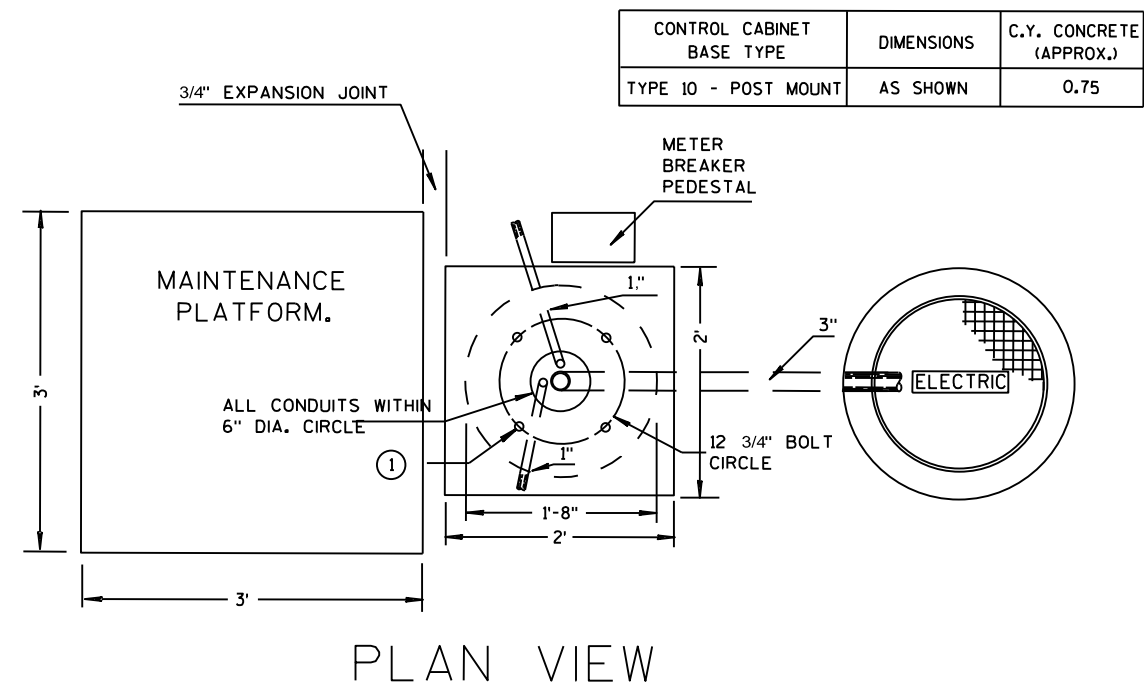
GENERAL NOTES

- 1) DRAWINGS NOT TO SCALE
- 2) DESIGN NEW OVERHEAD SIGN SUPPORTS ACCORDING TO THE LATEST EDITION OF, AND SUPPLEMENTAL TO THE STATE OF WISCONSIN "STANDARD SPECIFICATIONS FOR HIGHWAY AND STRUCTURE CONSTRUCTION" AND AASHTO "STANDARD SPECIFICATIONS FOR STRUCTURAL SUPPORTS FOR HIGHWAY SIGNS, LUMINARIES AND TRAFFIC SIGNALS."
- 3) PROVIDE AN IDENTIFICATION PLAQUE FOR ALL OVERHEAD SIGN SUPPORTS, TO BE CONSIDERED INCIDENTAL TO THE BID ITEM "OVERHEAD SIGN SUPPORT".
- 4) SIZE THE ANCHOR BOLT/TEMPLATE ASSEMBLY TO FIT WITHIN THE BAR CAGE OF THE FOOTING BASE SHOWN IN THE CONTRACT PLANS FOR A 36" DIAMETER BASE. IN ADDITION TO MEETING ALL APPLICABLE DESIGN REQUIREMENTS FOR THE DESIGN OF THE UPRIGHT BASE CONNECTION.
- 5) PROVIDE DESIGN CALCULATIONS
- 6) SIGNS OR BLANKS SHALL BE INSTALLED ON THE OVERHEAD SIGN SUPPORT AT THE TIME OF ERECTION. BLANKS, IF USED, SHALL BE OF THE SAME SIZE AND LOCATION AS PERM SIGNING.
- 7) SIGNS SHALL BE ATTACHED TO SIGN BRIDGE AS SHOWN ON STANDARD SIGN PLATE A4-7.



OVERHEAD SIGN SUPPORT DETAIL

STH 15 WEST
S-44-114
STA 273+32



GENERAL NOTES

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

WHEN REQUIRED TO CONNECT NONMETALLIC CONDUIT TO METALLIC CONDUIT, ONLY ADAPTER FITTINGS, U.L. LISTED FOR ELECTRICAL USE, SHALL BE USED.

CONDUIT HEIGHT ABOVE THE CONCRETE BASE SHALL BE 1 INCH.

CONTROL CABINET BASE TOP SURFACES SHALL BE TROWEL FINISHED AND LEVEL.

WHEN A TYPE 10 CONTROL CABINET BASE IS USED TO POST MOUNT A CONTROL CABINET, A 36" SQUARE 4" THICK CONCRETE MAINTENANCE PLATFORM SHALL BE REQUIRED ON THE DOOR SIDE OF THE CABINET. THE TOP 1 INCH SHALL BE ABOVE FINISHED GRADE AND BE BROOM FINISHED AND LEVEL.

MAINTENANCE PLATFORMS ARE NOT REQUIRED WHEN THE SURROUNDING AREA IS PAVED.

ALL CONDUIT ENDS AT THE TOP OF THE CONCRETE BASE SHALL PLUGGED IMMEDIATELY AFTER PLACEMENT AND BEFORE CONCRETE IS POURED. CONDUITS IN WHICH WIRE OR CABLE IS NOT BEING INSTALLED SHALL REMAIN CAPPED OR PLUGGED.

BELL ENDS SHALL BE INSTALLED ON ALL PVC CONDUIT EXPOSED AT THE TOP OF THE CONCRETE BASE BEFORE INSTALLATION OF CABLE OR WIRE.

WHEN ANCHOR RODS USING THE ALTERNATE L BEND ARE FURNISHED FOR THE TYPE 10 BASE, THE 4" L BEND SHALL BE IN ADDITION TO THE SPECIFIED ANCHOR ROD BAR LENGTH.

THE "L" BEND SHALL NOT BE THREADED.

STRAIGHT ANCHOR RODS SHALL BE THREADED 12" IN LENGTH ON EACH END OF THE ROD.

FOUR (4) ANCHOR RODS, 1" DIA. X 3'-6"
ANCHOR RODS SHALL BE MANUFACTURED IN ACCORDANCE WITH SECTION 654.2.1 AND 641.2.2 OF THE STANDARD SPECIFICATIONS AND IN ACCORDANCE WITH A-449, OR ASTM, A-687 (GRADE 105).

120/240 VOLT ELECTRIC SERVICE

DATE: 8/9/2018

SHEET NO. 1 OF 1

PROJECT NO: 1146-75-76

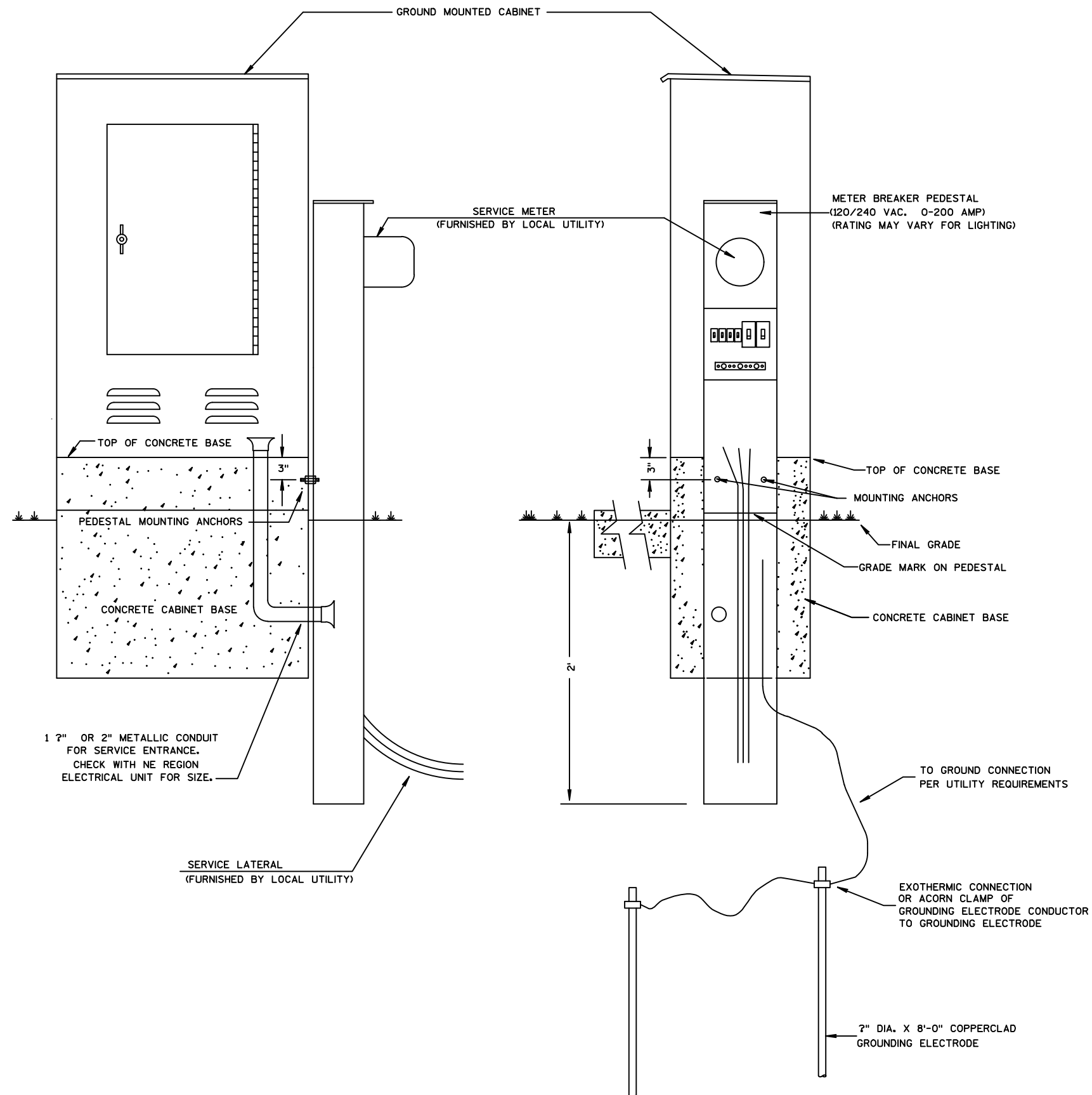
HWY: STH 15

COUNTY: OUTAGAMIE

CONSTRUCTION DETAIL - LIGHTING CABINET TYPE 10 NER

SHEET

E



GENERAL NOTES

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

THE EXACT LOCATION OF THE METER BREAKER PEDESTAL SHALL BE DETERMINED BY THE ENGINEER IN THE FIELD.

THE TYPE OF CONCRETE CABINET BASE TO BE INSTALLED SHALL BE AS CALLED FOR IN THE PLANS.

TO FACILITATE FLUSH MOUNTING OF THE METER BREAKER PEDESTAL AGAINST THE SIDE OF THE CABINET BASE (IF FLUSH MOUNTING POSSIBLE. CONFER WITH THE LOCAL UTILITY TO DETERMINE WHICH SIDE OF THE CONCRETE BASE THE ELECTRICAL SERVICE LATERAL WILL APPROACH. THEN FORM THAT INDICATED SIDE FOR FULL SIDE DEPTH.

WHILE FLUSH MOUNTING IS THE MOST DESIRABLE MOUNTING CONFIGURATION UTILITY REQUIREMENTS MAY PRECLUDE THIS OPTION. CONTRACTOR MUST PROVIDE UTILITY APPROVED PEDESTAL AND INSTALL PER UTILITY AND MANUFACTURERS REQUIREMENTS.

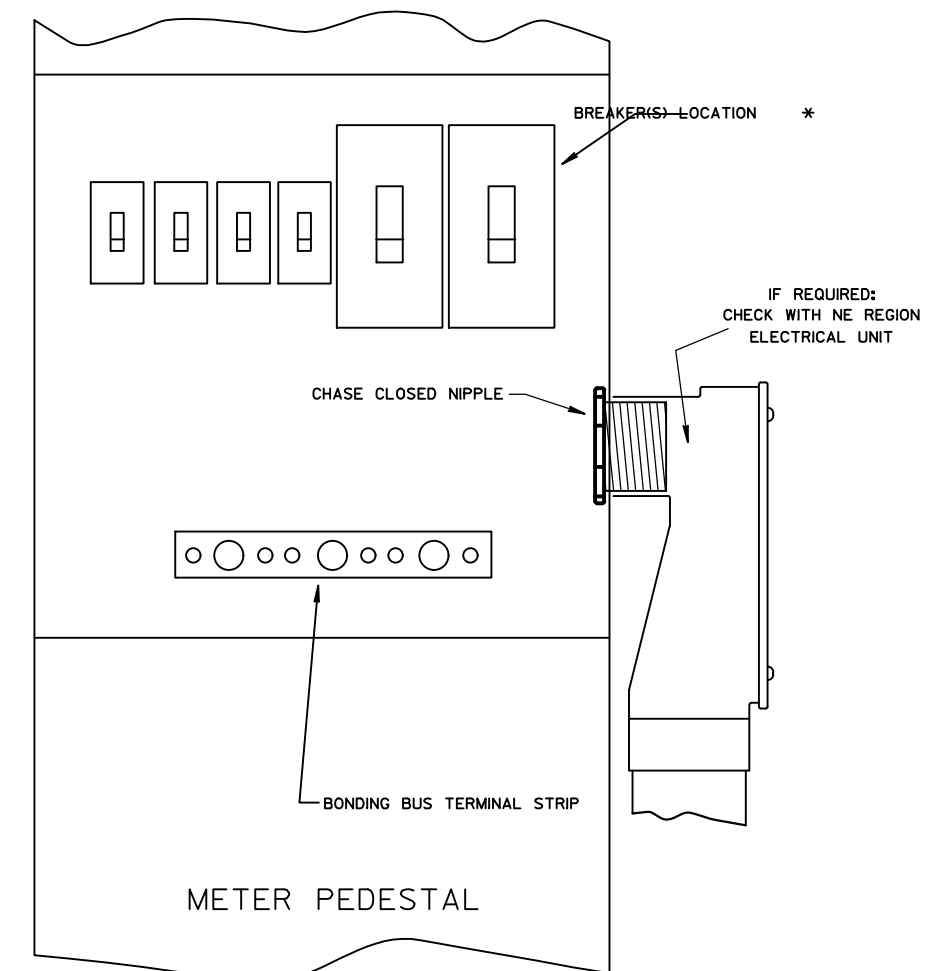
SERVICE CONDUCTOR ENTRANCES SHALL BE RIGID METALLIC CONDUIT OR SCHEDULE 80 PVC, NIPPLES AND/OR CONDULETS AS REQUIRED. CONDUIT LB SHALL BE OF METALLIC SERVICE ENTRANCE TYPE.

SERVICE CONDUCTOR ENTRANCES SHALL BE SIZED AND LOCATED AS REQUIRED BY THE LOCAL UTILITY AND IN ACCORDANCE WITH APPROPRIATE ARTICLES OF THE LATEST ACCEPTED NATIONAL ELECTRICAL CODE.

IF MORE THAN ONE GROUNDING ELECTRODE IS REQUIRED, THE DISTANCE APART SHALL BE 6 FEET OR PER NEC.

*

SOME PEDESTAL LIGHTING PLANS SHOW MAIN LUGS ONLY.



LEGEND

- 36"-R CONCRETE CURB & GUTTER
4-INCH SLOPED 36-INCH TYPE R
- 36"-A CONCRETE CURB & GUTTER
4-INCH SLOPED 36-INCH TYPE A
- 30"-D CONCRETE CURB & GUTTER
30-INCH TYPE D
- 30"-A CONCRETE CURB & GUTTER
30-INCH TYPE A
- 18"-A CONCRETE CURB & GUTTER
18-INCH TYPE A (REVERSE SLOPE CURB)
- MSN1 CONCRETE MEDIAN SLOPED NOSE
TYPE 1
- ASPH ASPHALTIC SURFACE DRIVEWAYS
AND FIELD ENTRANCES
- BAD BASE AGGREGATE DENSE DRIVEWAYS
AND FIELD ENTRANCES



ASPH

STH 15

R/L STH 15 WB

36"-A

36"-A

R/L STH 15 EB

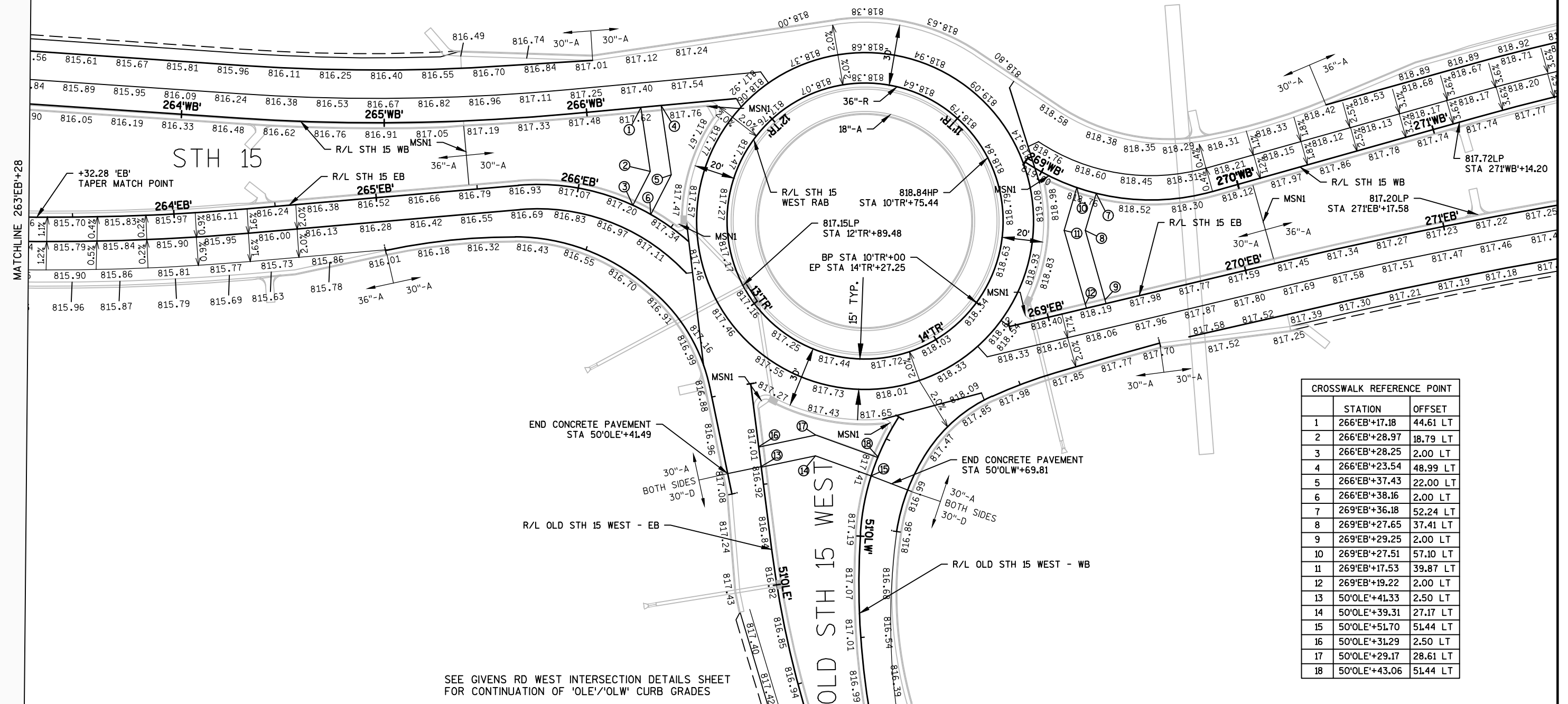
36"-A

BEGIN CONSTRUCTION
STA 256'EB'+00

MATCHLINE 263'EB'+28

LEGEND

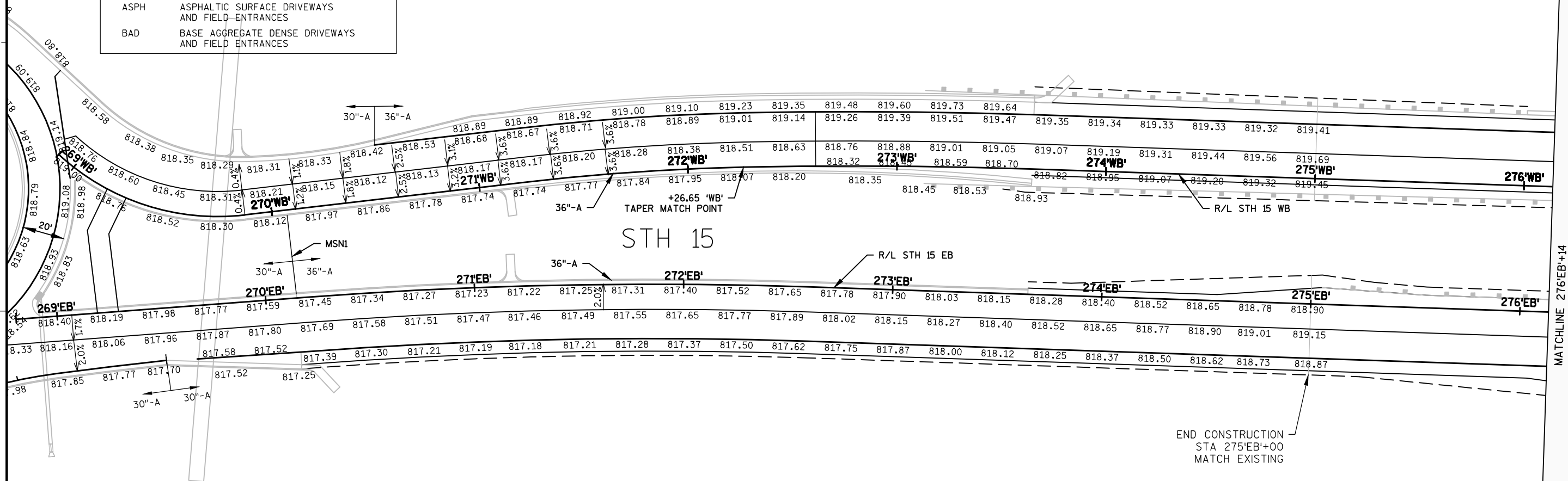
36"-R	CONCRETE CURB & GUTTER 4-INCH SLOPED 36-INCH TYPE R
36"-A	CONCRETE CURB & GUTTER 4-INCH SLOPED 36-INCH TYPE A
30"-D	CONCRETE CURB & GUTTER 30-INCH TYPE D
30"-A	CONCRETE CURB & GUTTER 30-INCH TYPE A
18"-A	CONCRETE CURB & GUTTER 18-INCH TYPE A (REVERSE SLOPE CURB)
MSN1	CONCRETE MEDIAN SLOPED NOSE TYPE 1
ASPH	ASPHALTIC SURFACE DRIVEWAYS AND FIELD ENTRANCES
BAD	BASE AGGREGATE DENSE DRIVEWAYS AND FIELD ENTRANCES



SEE GIVENS RD WEST INTERSECTION DETAILS SHEET
FOR CONTINUATION OF 'OLE'/'OLW' CURB GRADES

LEGEND

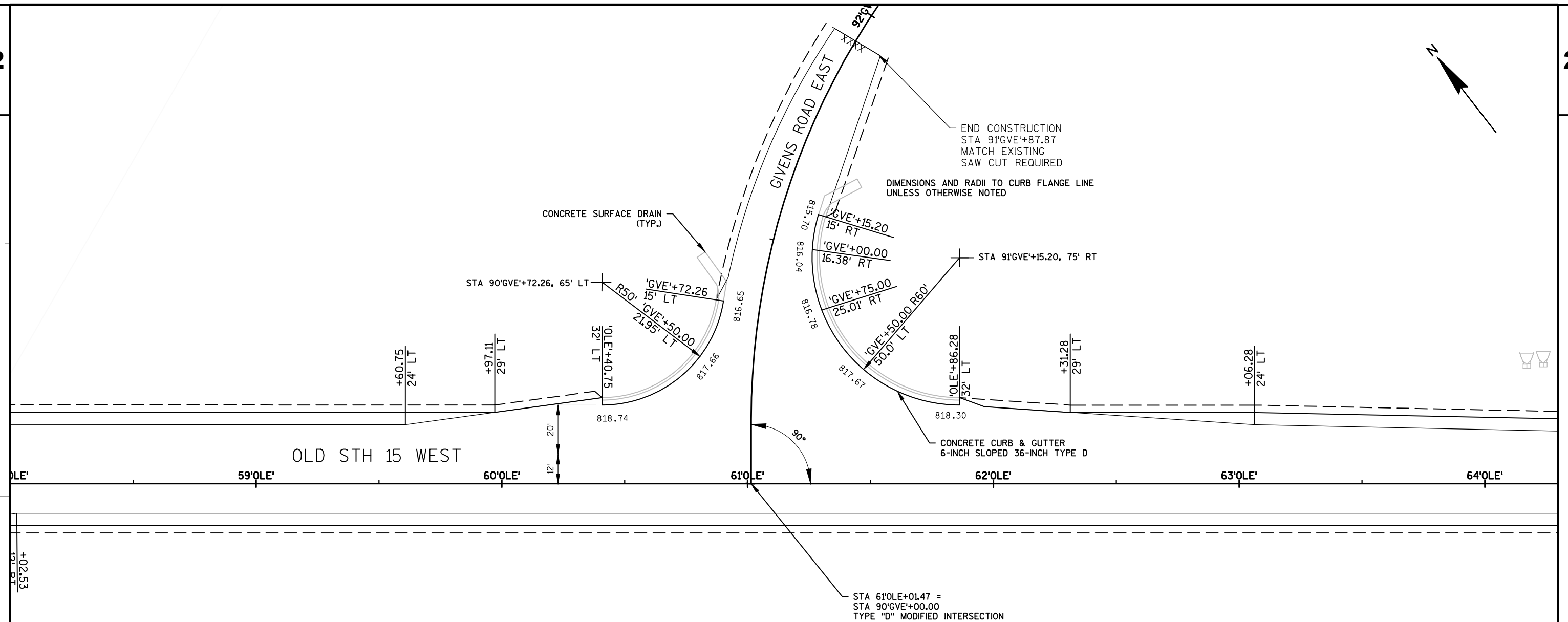
- 36"-R CONCRETE CURB & GUTTER
4-INCH SLOPED 36-INCH TYPE R
- 36"-A CONCRETE CURB & GUTTER
4-INCH SLOPED 36-INCH TYPE A
- 30"-D CONCRETE CURB & GUTTER
30-INCH TYPE D
- 30"-A CONCRETE CURB & GUTTER
30-INCH TYPE A
- 18"-A CONCRETE CURB & GUTTER
18-INCH TYPE A (REVERSE SLOPE CURB)
- MSN1 CONCRETE MEDIAN SLOPED NOSE
TYPE 1
- ASPH ASPHALTIC SURFACE DRIVEWAYS
AND FIELD ENTRANCES
- BAD BASE AGGREGATE DENSE DRIVEWAYS
AND FIELD ENTRANCES





2

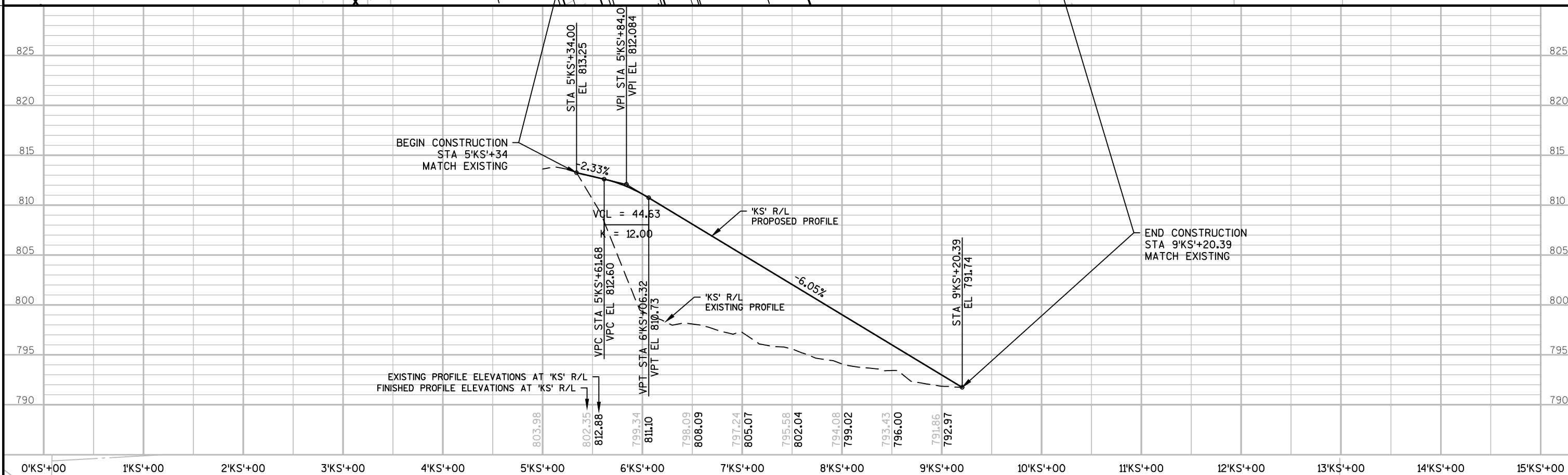
2



GAIGG, ELIZABETH

CURVE KS-1
PI STA = 6+00.00
Y = 594108.197
X = 756393.196
DELTA = 30°19'28"
D = 57°17'39"
T = 27.10'
L = 52.93'
R = 100.00'
PC STA = 5+72.90
PT STA = 6+25.83

CURVE KS-2
PI STA = 8+77.00
Y = 594282.108
X = 756610.423
DELTA = 47°45'58"
D = 51°37'03"
T = 49.15'
L = 92.54'
R = 111.00'
PC STA = 8+27.85
PT STA = 9+20.39



PROJECT NO: 1146-75-76

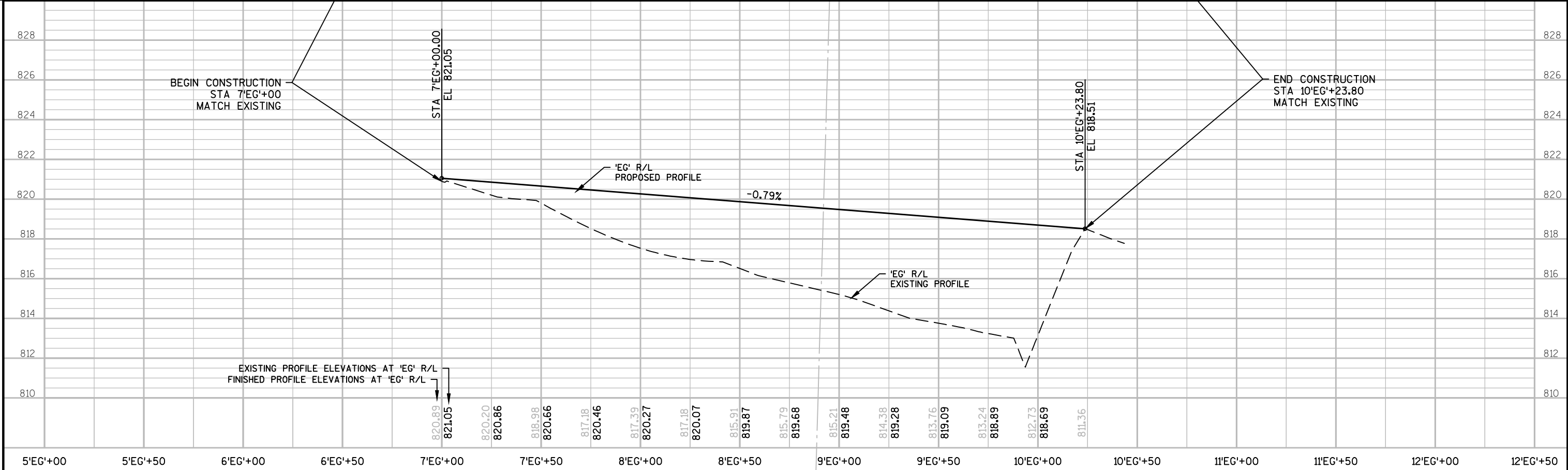
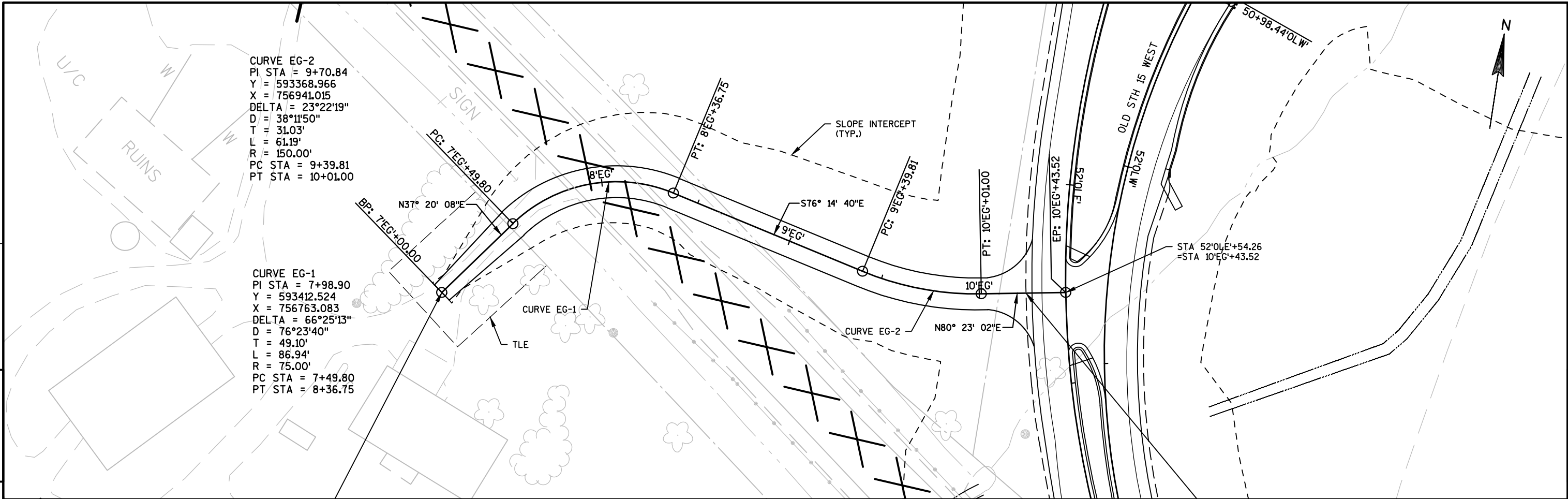
HWY: STH 15

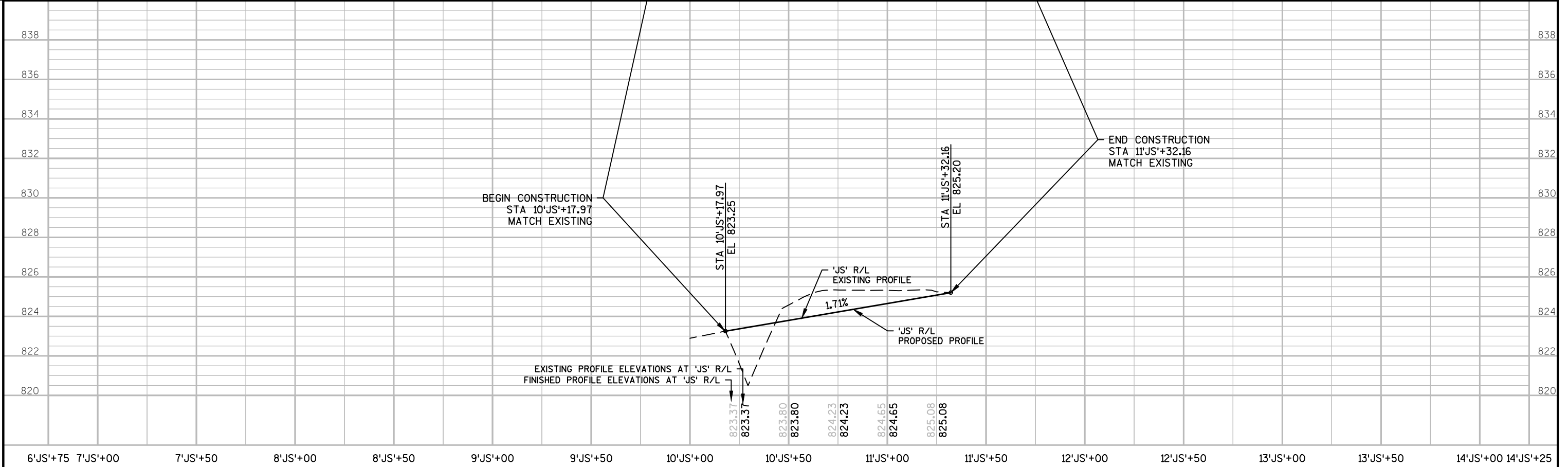
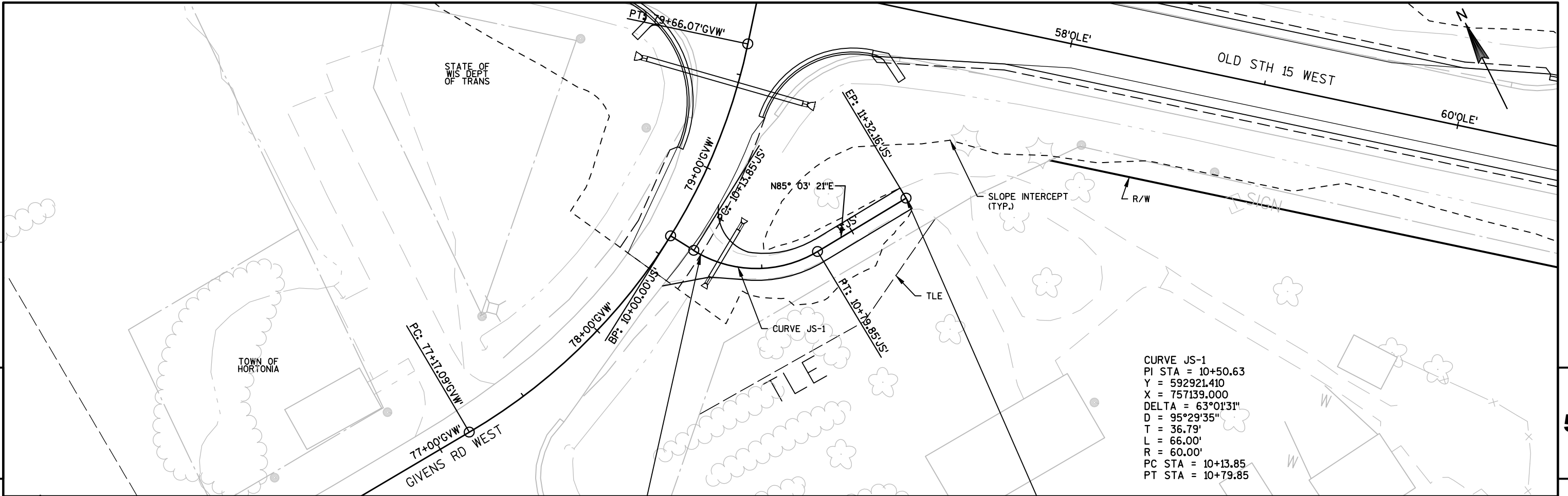
COUNTY: OUTAGAMIE

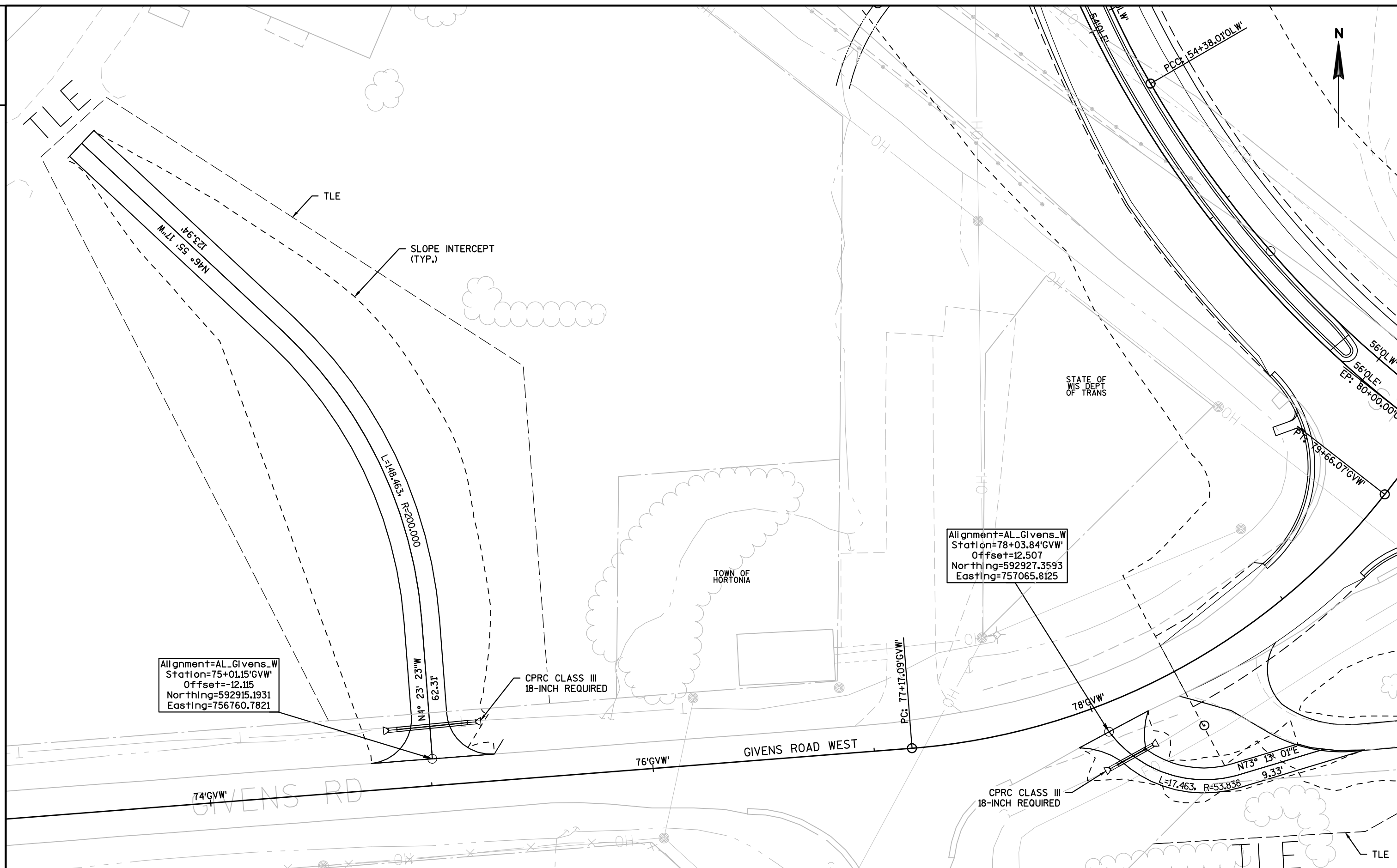
DRIVEWAY DETAILS - KEVIN SAMBS DRIVEWAY

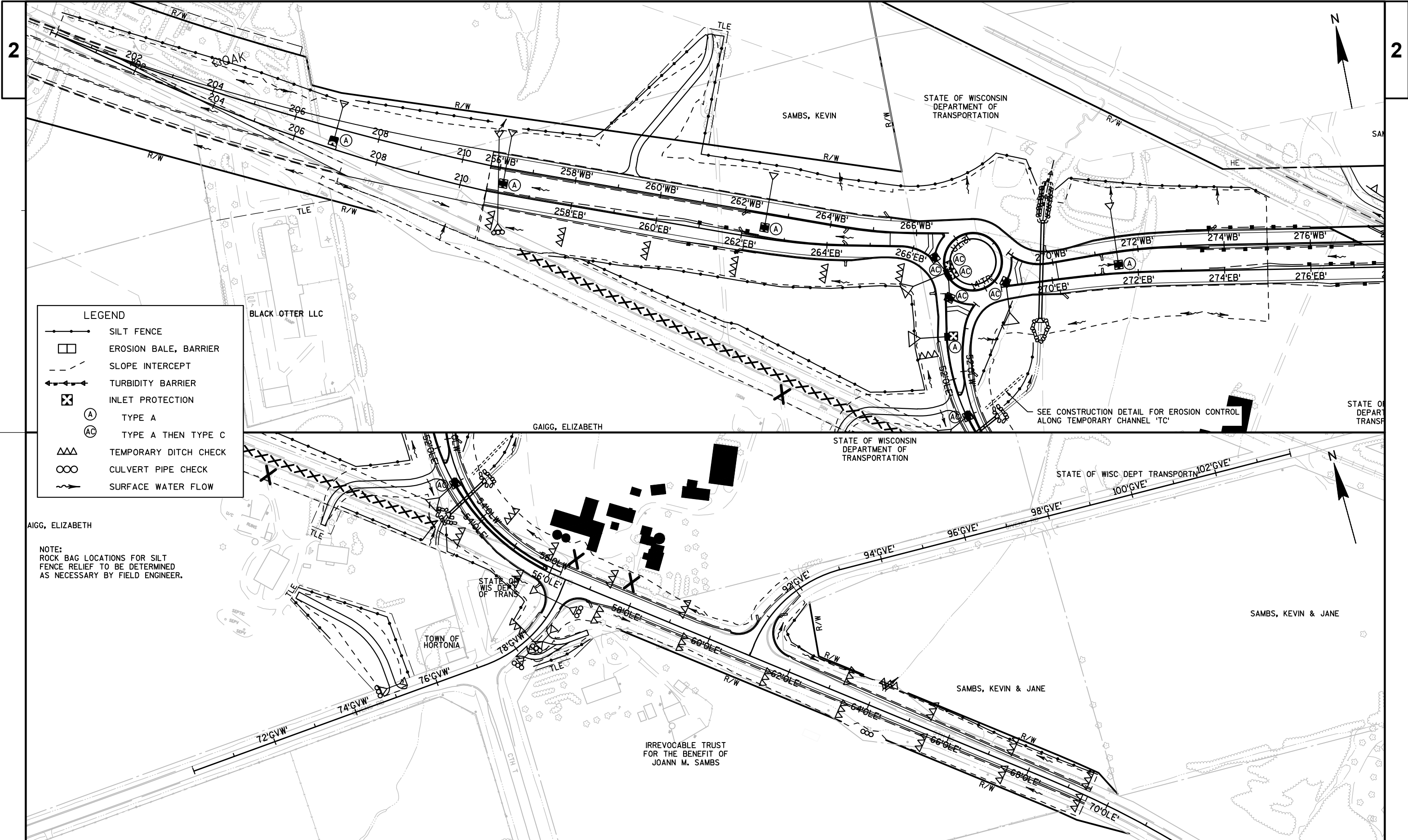
SHEET

E









PROJECT NO:1146-75-76

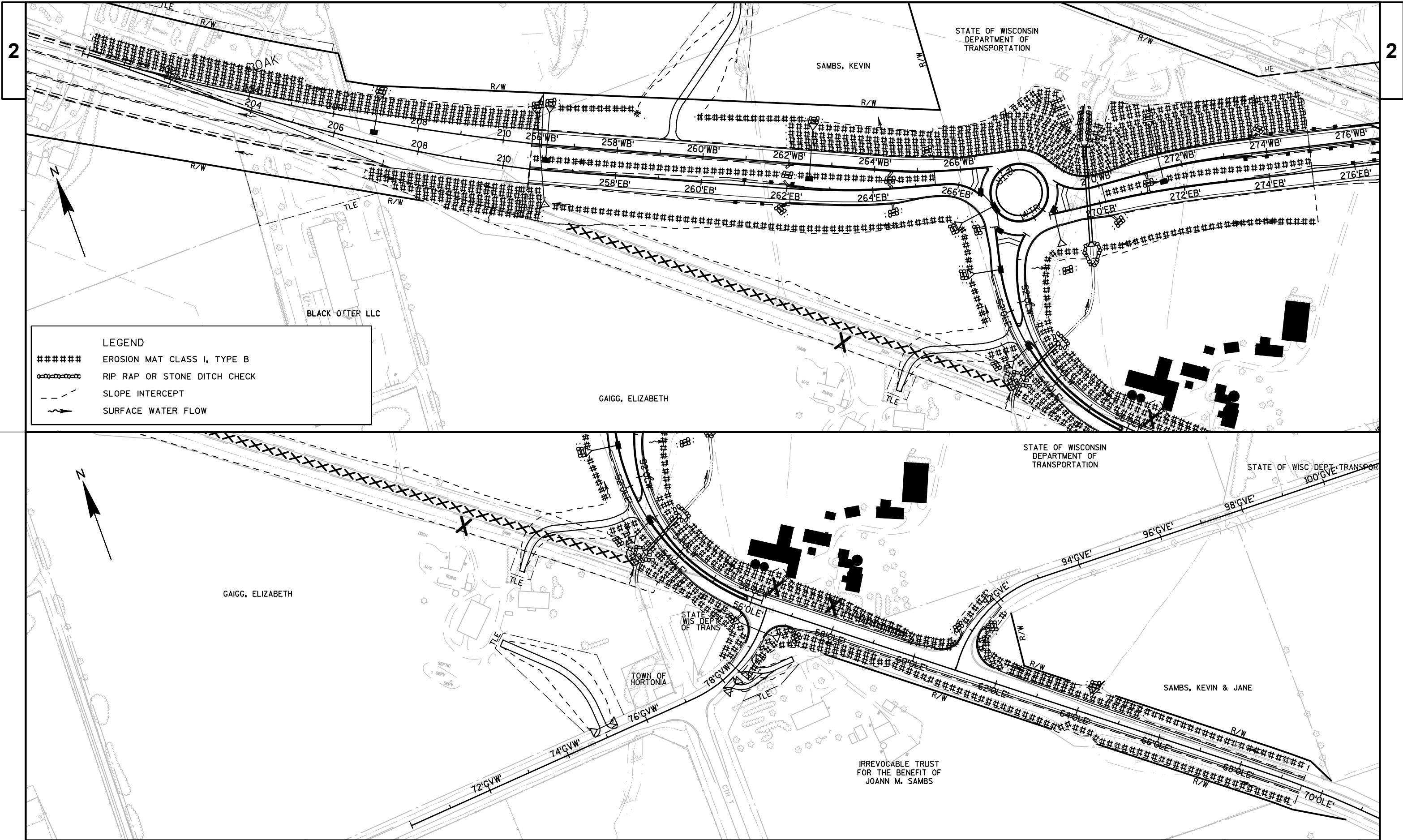
HWY:STH 15

COUNTY:OUTAGAMIE

TEMPORARY EROSION CONTROL

SHEET

E



PROJECT NO:1146-75-76

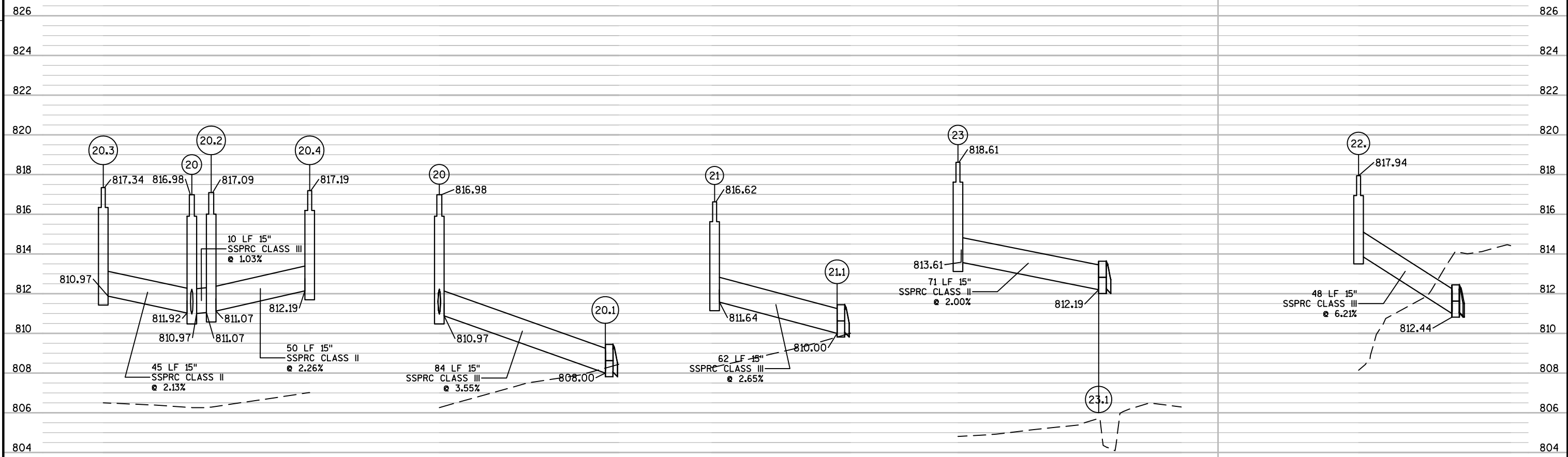
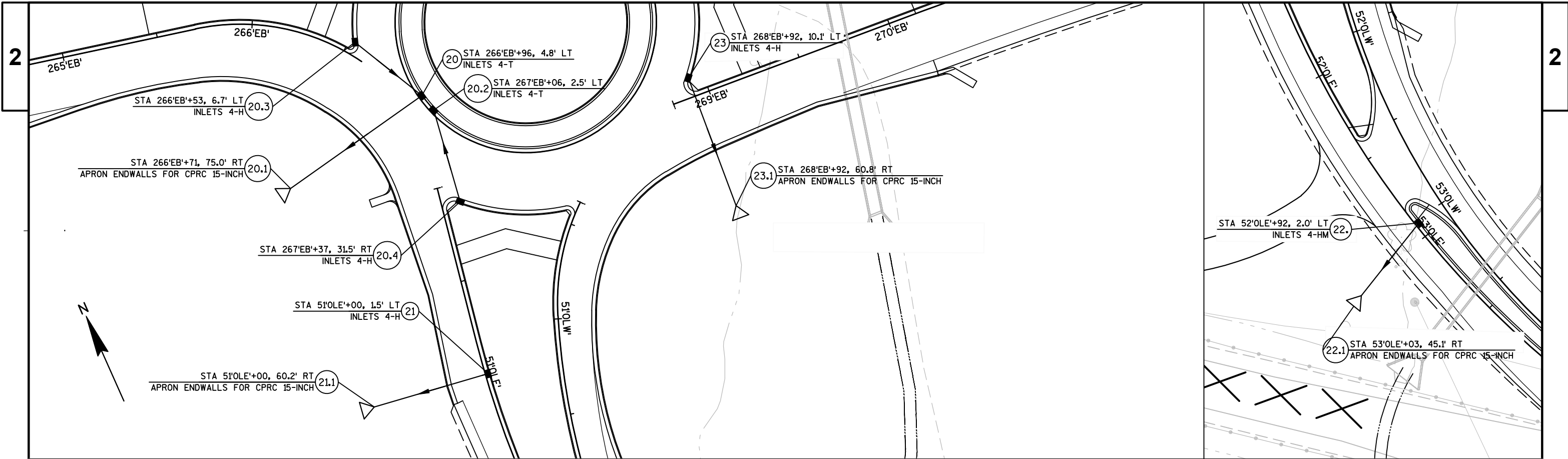
HWY:STH 15

COUNTY:OUTAGAMIE

PERMANENT EROSION CONTROL

SHEET

E



LEGEND

abc
xx

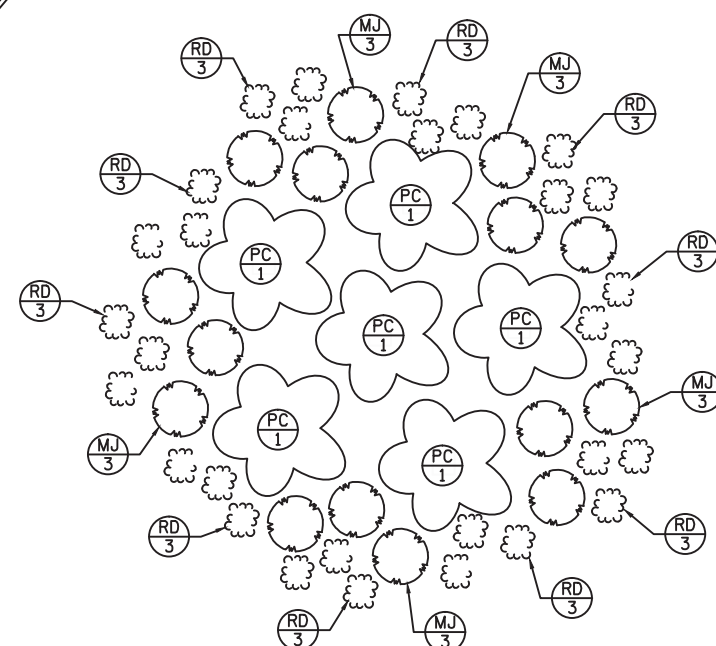
← PLANT SYMBOL
← QUANTITY

PC = PRARIE CRABAPPLE

MJ = MANEY JUNIPER

RD = REDOSIER DOGWOOD

N



LOW MAINTENANCE SEED MIX

270'WB'

270'EB'

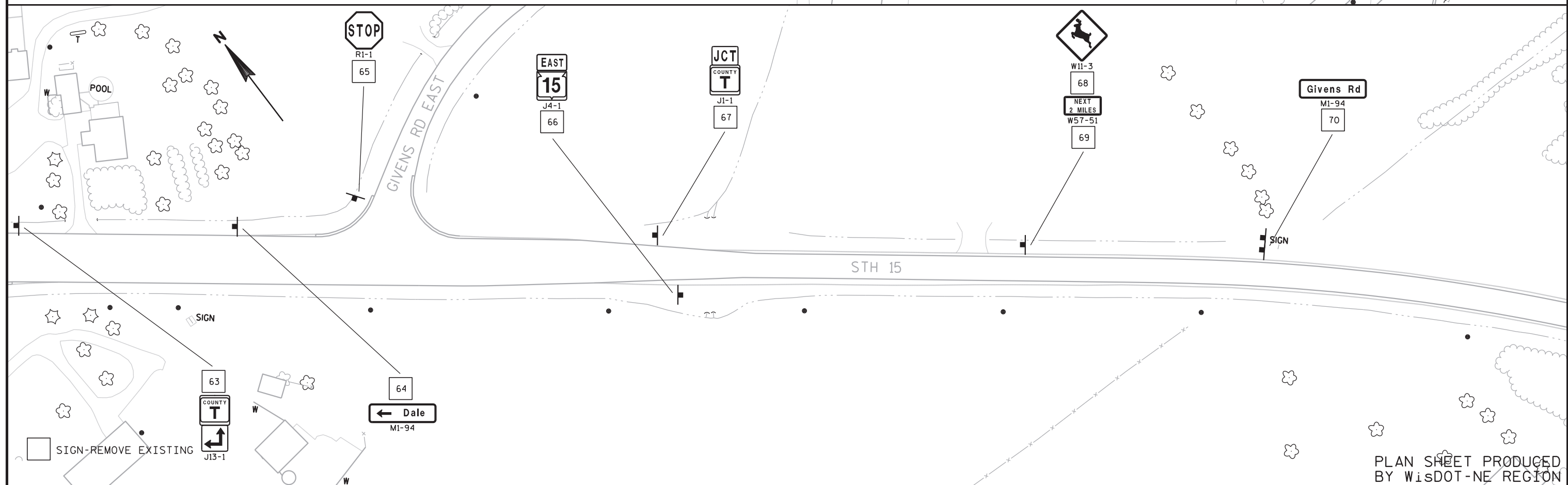
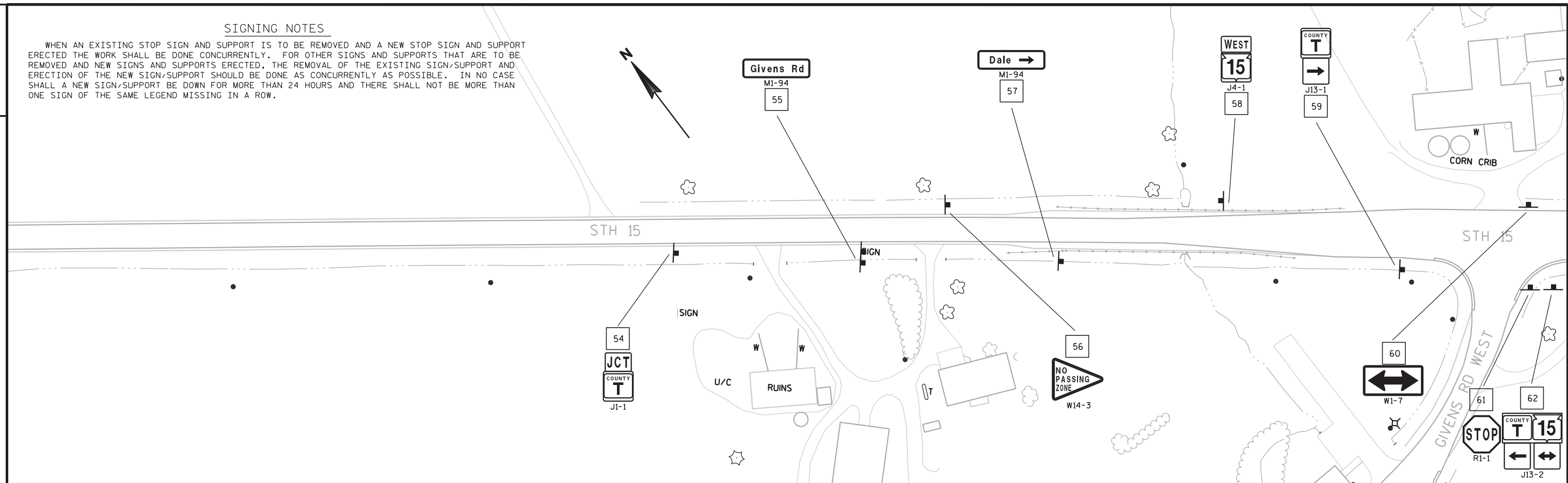
STH 15

2

SIGNING NOTES

WHEN AN EXISTING STOP SIGN AND SUPPORT IS TO BE REMOVED AND A NEW STOP SIGN AND SUPPORT ERRECTED THE WORK SHALL BE DONE CONCURRENTLY. FOR OTHER SIGNS AND SUPPORTS THAT ARE TO BE REMOVED AND NEW SIGNS AND SUPPORTS ERRECTED, THE REMOVAL OF THE EXISTING SIGN/SUPPORT AND ERECTION OF THE NEW SIGN/SUPPORT SHOULD BE DONE AS CONCURRENTLY AS POSSIBLE. IN NO CASE SHALL A NEW SIGN/SUPPORT BE DOWN FOR MORE THAN 24 HOURS AND THERE SHALL NOT BE MORE THAN ONE SIGN OF THE SAME LEGEND MISSING IN A ROW.

2



PLAN SHEET PRODUCED
BY WISDOT-NE REGION

PROJECT NO: 1146-75-76

HWY:STH 15

COUNTY: OUTAGAMIE

SIGN REMOVALS

SHEET

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SIGNING NOTES

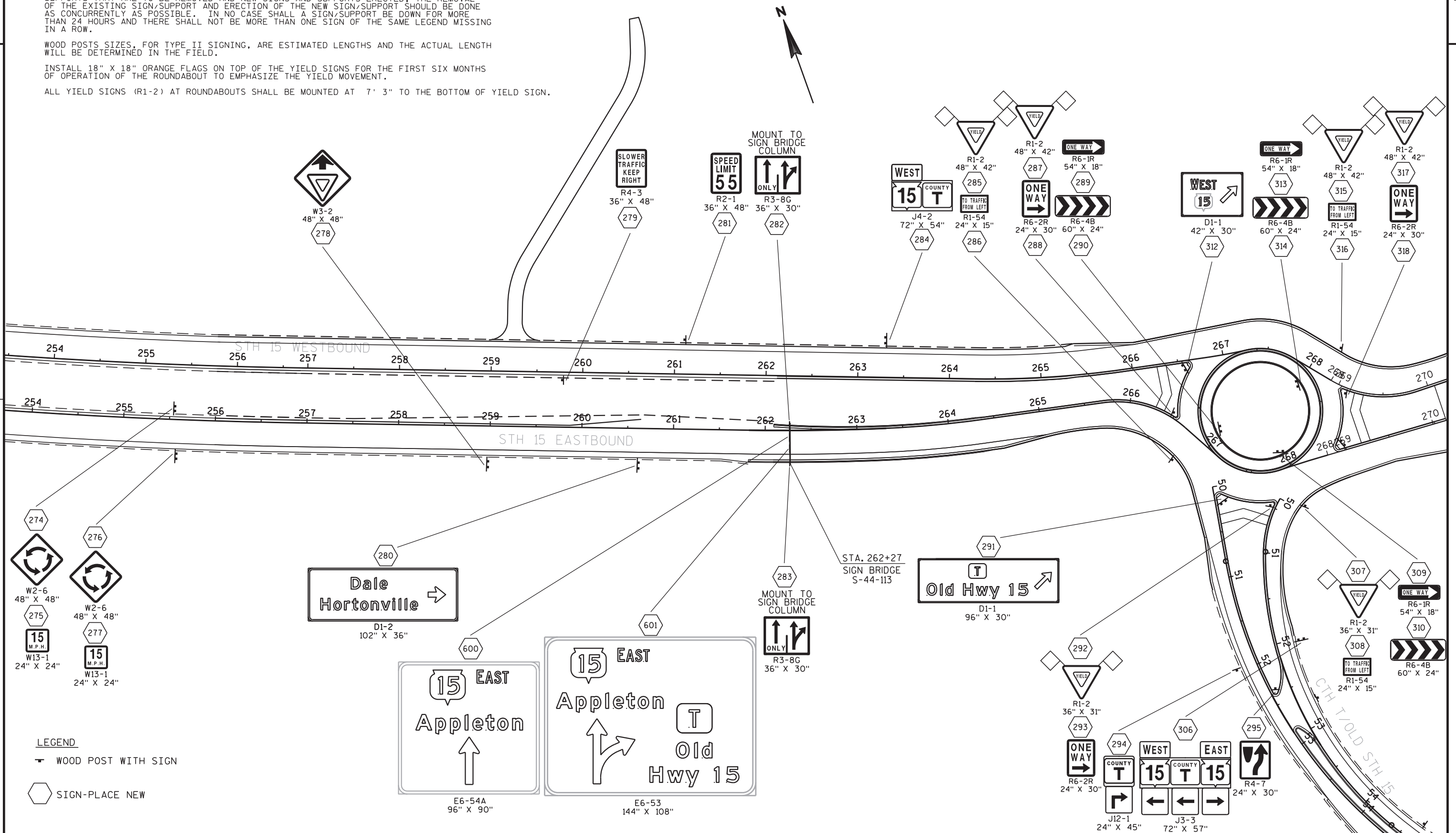
WHEN AN EXISTING STOP SIGN AND SUPPORT IS TO BE REMOVED AND A NEW STOP SIGN AND SUPPORT ERECTED THE WORK SHALL BE DONE CONCURRENTLY. FOR OTHER SIGNS AND SUPPORTS THAT ARE TO BE REMOVED AND NEW SIGNS AND SUPPORTS ERECTED, THE REMOVAL OF THE EXISTING SIGN/SUPPORT AND ERECTION OF THE NEW SIGN/SUPPORT SHOULD BE DONE AS CONCURRENTLY AS POSSIBLE. IN NO CASE SHALL A SIGN/SUPPORT BE DOWN FOR MORE THAN 24 HOURS AND THERE SHALL NOT BE MORE THAN ONE SIGN OF THE SAME LEGEND MISSING IN A ROW.

WOOD POSTS SIZES, FOR TYPE II SIGNING, ARE ESTIMATED LENGTHS AND THE ACTUAL LENGTH WILL BE DETERMINED IN THE FIELD.

INSTALL 18" X 18" ORANGE FLAGS ON TOP OF THE YIELD SIGNS FOR THE FIRST SIX MONTHS OF OPERATION OF THE ROUNDABOUT TO EMPHASIZE THE YIELD MOVEMENT.

ALL YIELD SIGNS (R1-2) AT ROUNDABOUTS SHALL BE MOUNTED AT 7' 3" TO THE BOTTOM OF YIELD SIGN.

PLAN SHEET PRODUCED
BY WisDOT-NE REGION



LEGEND

WOOD POST WITH SIGN

SIGN-PLACE NEW

PROJECT NO:1146-75-76

HWY: STH 15

COUNTY: OUTAGAMIE

PERMANENT SIGNING

SHEET

PRE_35

E

FILE NAME : N:\spo\traffic\SIGNING\Projects\1146-75-00 STH 15 Bypass\1146-75-76\023223.ps.dgn

PLOT DATE : 10-APR-2017 09:15

PLOT BY : dotets

PLOT NAME :

PLOT SCALE : 100:1

WISDOT/CADDs SHEET 42

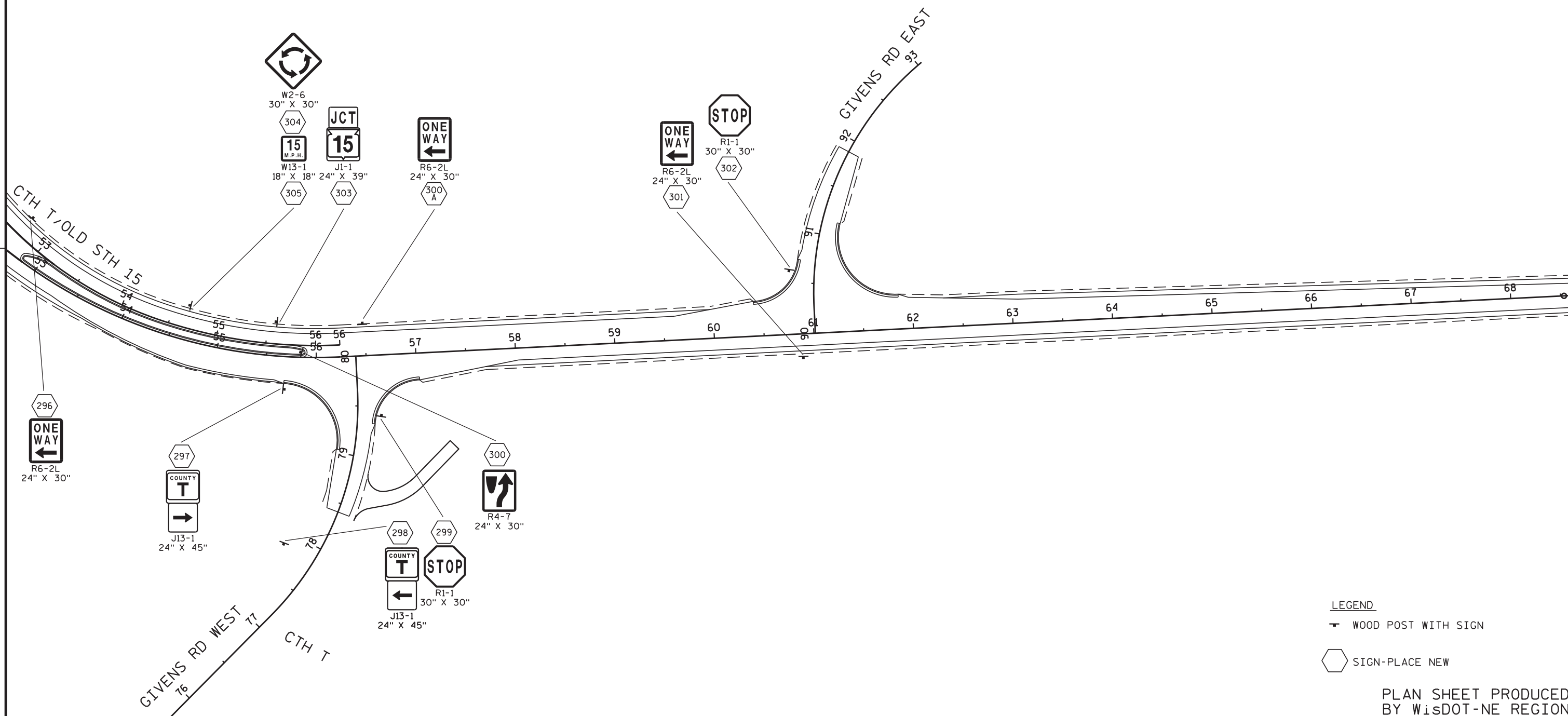
SIGNING NOTES

WHEN AN EXISTING STOP SIGN AND SUPPORT IS TO BE REMOVED AND A NEW STOP SIGN AND SUPPORT ERRECTED THE WORK SHALL BE DONE CONCURRENTLY. FOR OTHER SIGNS AND SUPPORTS THAT ARE TO BE REMOVED AND NEW SIGNS AND SUPPORTS ERRECTED, THE REMOVAL OF THE EXISTING SIGN/SUPPORT AND ERECTION OF THE NEW SIGN/SUPPORT SHOULD BE DONE AS CONCURRENTLY AS POSSIBLE. IN NO CASE SHALL A SIGN/SUPPORT BE DOWN FOR MORE THAN 24 HOURS AND THERE SHALL NOT BE MORE THAN ONE SIGN OF THE SAME LEGEND MISSING IN A ROW.

WOOD POSTS SIZES, FOR TYPE II SIGNING, ARE ESTIMATED LENGTHS AND THE ACTUAL LENGTH WILL BE DETERMINED IN THE FIELD.

INSTALL 18" X 18" ORANGE FLAGS ON TOP OF THE YIELD SIGNS FOR THE FIRST SIX MONTHS OF OPERATION OF THE ROUNDABOUT TO EMPHASIZE THE YIELD MOVEMENT.

ALL YIELD SIGNS (R1-2) AT ROUNDABOUTS SHALL BE MOUNTED AT 7' 3" TO THE BOTTOM OF YIELD SIGN.

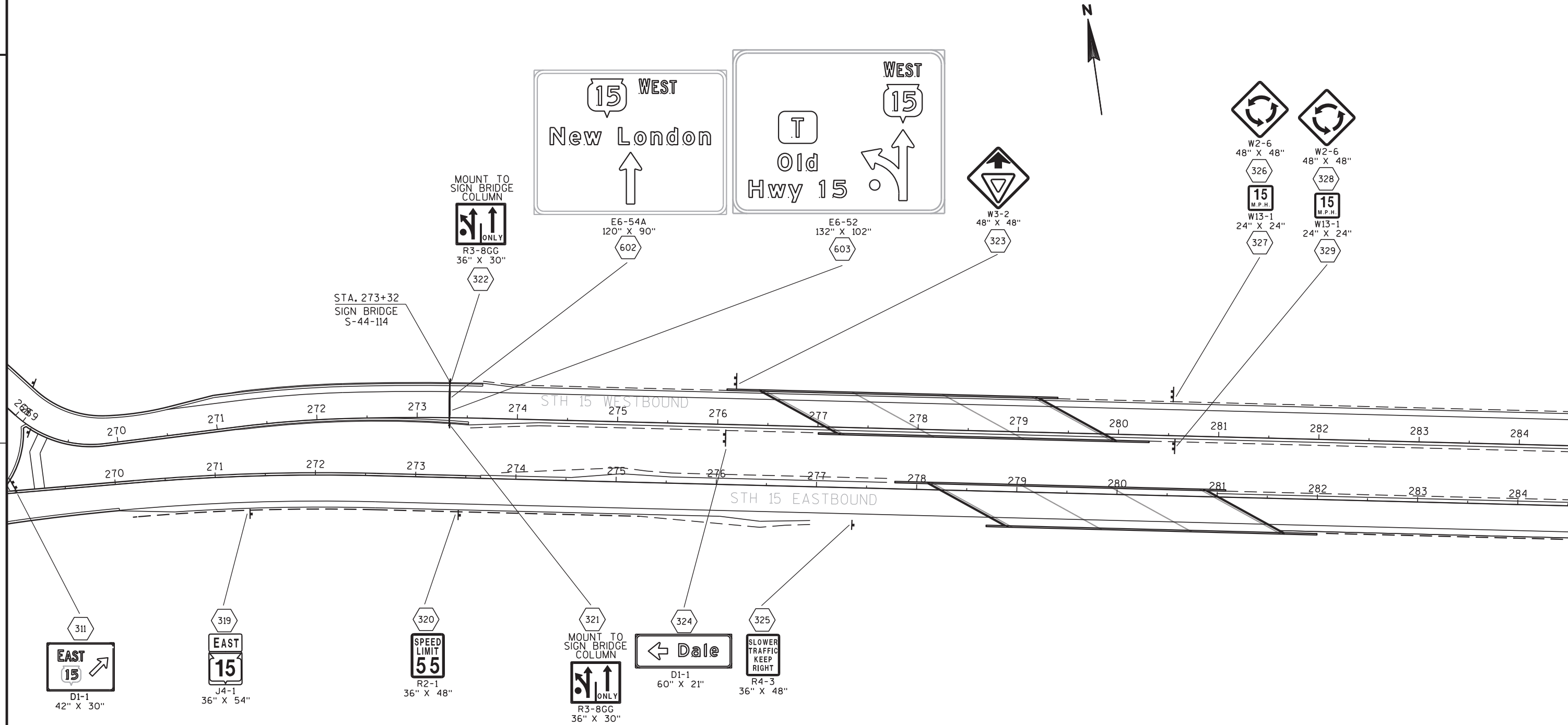


LEGEND

WOOD POST WITH SIGN

 SIGN-PLACE NEW

PLAN SHEET PRODUCED
BY WisDOT-NE REGION



SIGNING NOTES

WHEN AN EXISTING STOP SIGN AND SUPPORT IS TO BE REMOVED AND A NEW STOP SIGN AND SUPPORT ERECTED THE WORK SHALL BE DONE CONCURRENTLY. FOR OTHER SIGNS AND SUPPORTS THAT ARE TO BE REMOVED AND NEW SIGNS AND SUPPORTS ERECTED, THE REMOVAL OF THE EXISTING SIGN/SUPPORT AND ERECTION OF THE NEW SIGN/SUPPORT SHOULD BE DONE AS CONCURRENTLY AS POSSIBLE. IN NO CASE SHALL A SIGN/SUPPORT BE DOWN FOR MORE THAN 24 HOURS AND THERE SHALL NOT BE MORE THAN ONE SIGN OF THE SAME LEGEND MISSING IN A ROW.

WOOD POSTS SIZES, FOR TYPE II SIGNING, ARE ESTIMATED LENGTHS AND THE ACTUAL LENGTH WILL BE DETERMINED IN THE FIELD.

INSTALL 18" X 18" ORANGE FLAGS ON TOP OF THE YIELD SIGNS FOR THE FIRST SIX MONTHS OF OPERATION OF THE ROUNDABOUT TO EMPHASIZE THE YIELD MOVEMENT.

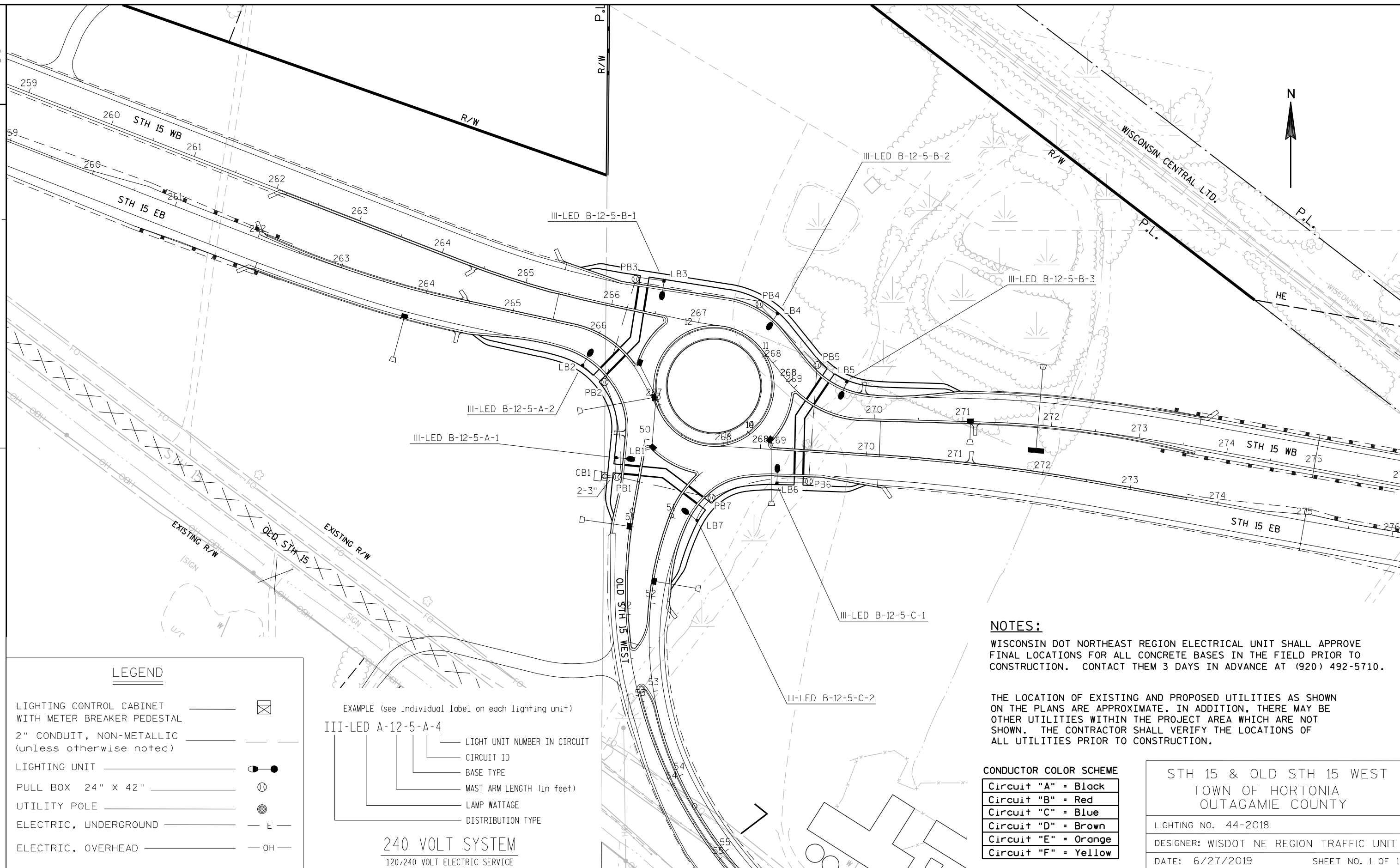
ALL YIELD SIGNS (R1-2) AT ROUNDABOUTS SHALL BE MOUNTED AT 7' 3" TO THE BOTTOM OF YIELD SIGN.

LEGEND

- WOOD POST WITH SIGN
- STEEL POST AND V-LOCK WITH SIGN
- SIGN-PLACE NEW

PLAN SHEET PRODUCED BY WisDOT-NE REGION

PROJECT NO:1146-75-76	HWY: STH 15	COUNTY:OUTAGAMIE	PERMANENT SIGNING	SHEET PRE_37 E
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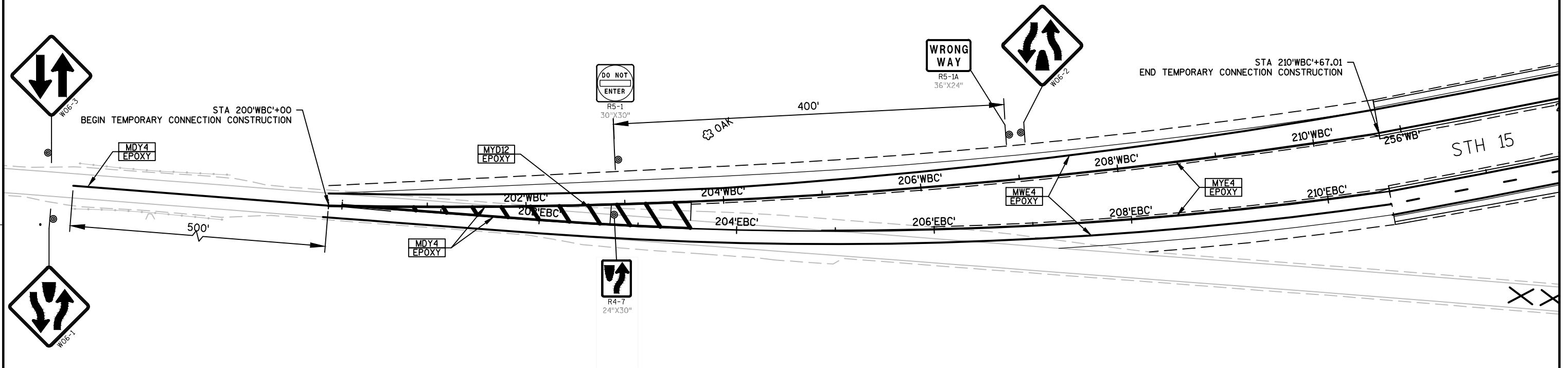
ARW1	ARROWS TYPE 1 (WHITE)
ARW2	ARROWS TYPE 2 (WHITE)
ARW3	ARROWS TYPE 3 (WHITE)
ARW3R	ARROWS TYPE 3R (WHITE)
ARW5	ARROWS TYPE 5 (WHITE)
CBY	CURB (YELLOW)
INY	ISLAND NOSE (YELLOW)
MWE4	4-INCH (WHITE EDGE LINE)
MWL4	4-INCH (WHITE LANE LINE)
MYE4	4-INCH (YELLOW EDGE LINE)
MDY4	4-INCH DOUBLE YELLOW
MW8	8-INCH (WHITE CHANNELIZING)
WDWY	WORDS (WHITE) ("YIELD")
WDWO	WORDS (WHITE) ("ONLY")
WS8-6	8-INCH (WHITE SKIP)(6' SEG., 3' GAP)
MYD12	12-INCH DIAGONAL 25' SPACING (YELLOW)
WS18-2	18-INCH (WHITE SKIP)(2' SEG., 2' GAP)

LEGEND NOTES:

"TAPE" IS GROOVED CONTRAST PERMANENT TAPE
"G.EPOXY" IS GROOVED WET REFLECTIVE EPOXY

SEE "PAVEMENT MARKING" SDDs FOR ADDITIONAL DETAILS.

PLACE SIGNING AND MARKING IN ACCORDANCE WITH
SDD "SIGNING AND MARKING FOR TWO LANE TO
FOUR LANE DIVIDED TRANSITIONS"



GENERAL NOTES

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

ALL SIGNS ARE 48"x48" UNLESS NOTED.

"WO" IS THE SAME AS "W" EXCEPT THE BACKGROUND IS ORANGE

ANY SIGNS TEMPORARY OR EXISTING, WHICH CONFLICT WITH THE TRAFFIC CONTROL "IN USE" SHALL BE REMOVED OR COVERED AS NEEDED AND AS APPROVED BY THE ENGINEER. NO WARNING LIGHTS SHALL BE WORKING ON "COVERED" OR "DOWNED" SIGNS.

ARW1	ARROWS TYPE 1 (WHITE)
ARW2	ARROWS TYPE 2 (WHITE)
ARW3	ARROWS TYPE 3 (WHITE)
ARW3R	ARROWS TYPE 3R (WHITE)
ARW5	ARROWS TYPE 5 (WHITE)
CBY	CURB (YELLOW)
INY	ISLAND NOSE (YELLOW)
MWE4	4-INCH (WHITE EDGE LINE)
MWL4	4-INCH (WHITE LANE LINE)
MYE4	4-INCH (YELLOW EDGE LINE)
MDY4	4-INCH DOUBLE YELLOW
MW8	8-INCH (WHITE CHANNELIZING)
WDWY	WORDS (WHITE) ("YIELD")
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WS8-6	8-INCH (WHITE SKIP)(6' SEG., 3' GAP)
MYD12	12-INCH DIAGONAL 25' SPACING (YELLOW)
WS18-2	18-INCH (WHITE SKIP)(2' SEG., 2' GAP)

LEGEND NOTES:

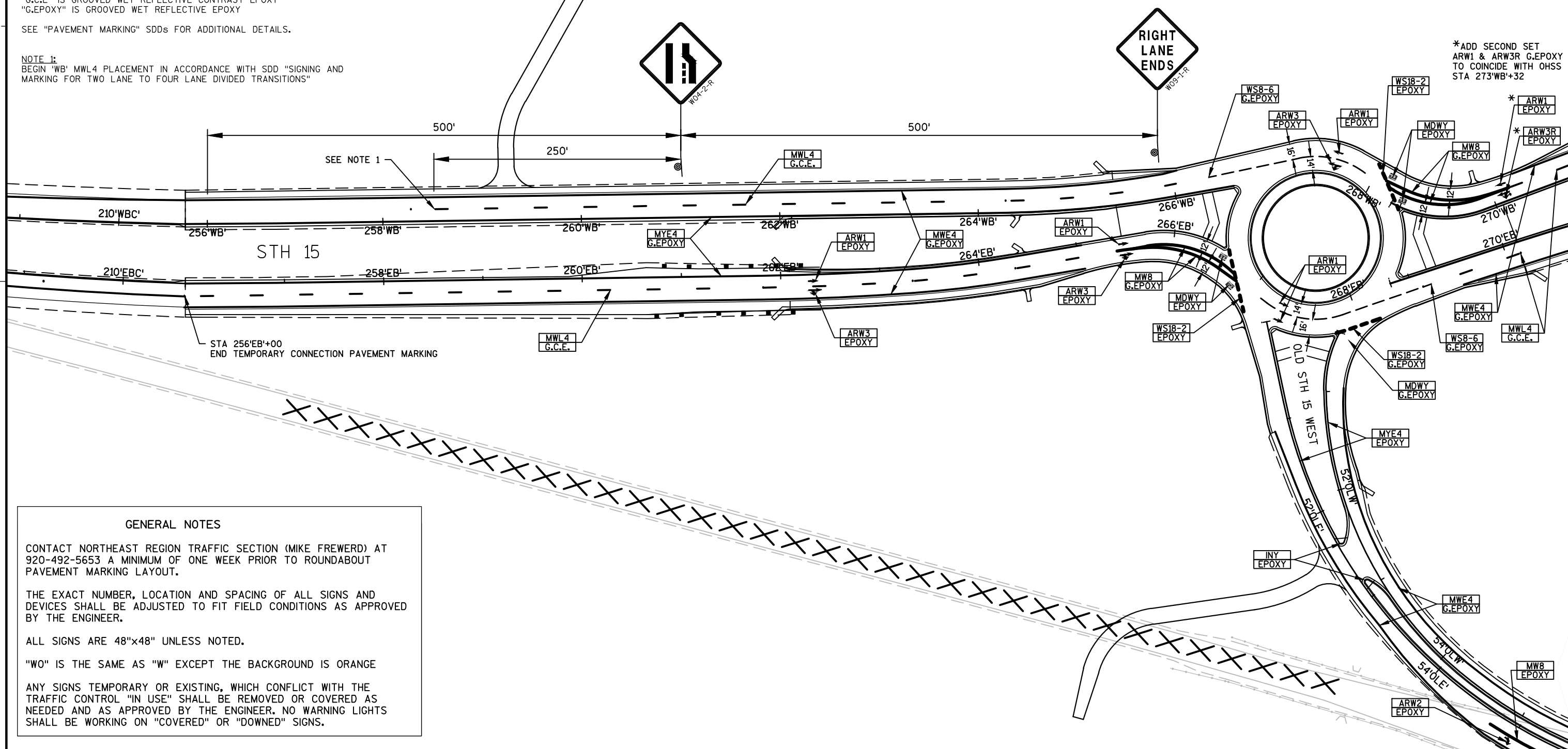
"G.C.E" IS GROOVED WET REFLECTIVE CONTRAST EPOXY

"G.EPOXY" IS GROOVED WET REFLECTIVE EPOXY

SEE "PAVEMENT MARKING" SDDs FOR ADDITIONAL DETAILS.

NOTE 1:

BEGIN 'WB' MWL4 PLACEMENT IN ACCORDANCE WITH SDD "SIGNING AND MARKING FOR TWO LANE TO FOUR LANE DIVIDED TRANSITIONS"



GENERAL NOTES

CONTACT NORTHEAST REGION TRAFFIC SECTION (MIKE FREWERD) AT 920-492-5653 A MINIMUM OF ONE WEEK PRIOR TO ROUNDABOUT PAVEMENT MARKING LAYOUT.

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

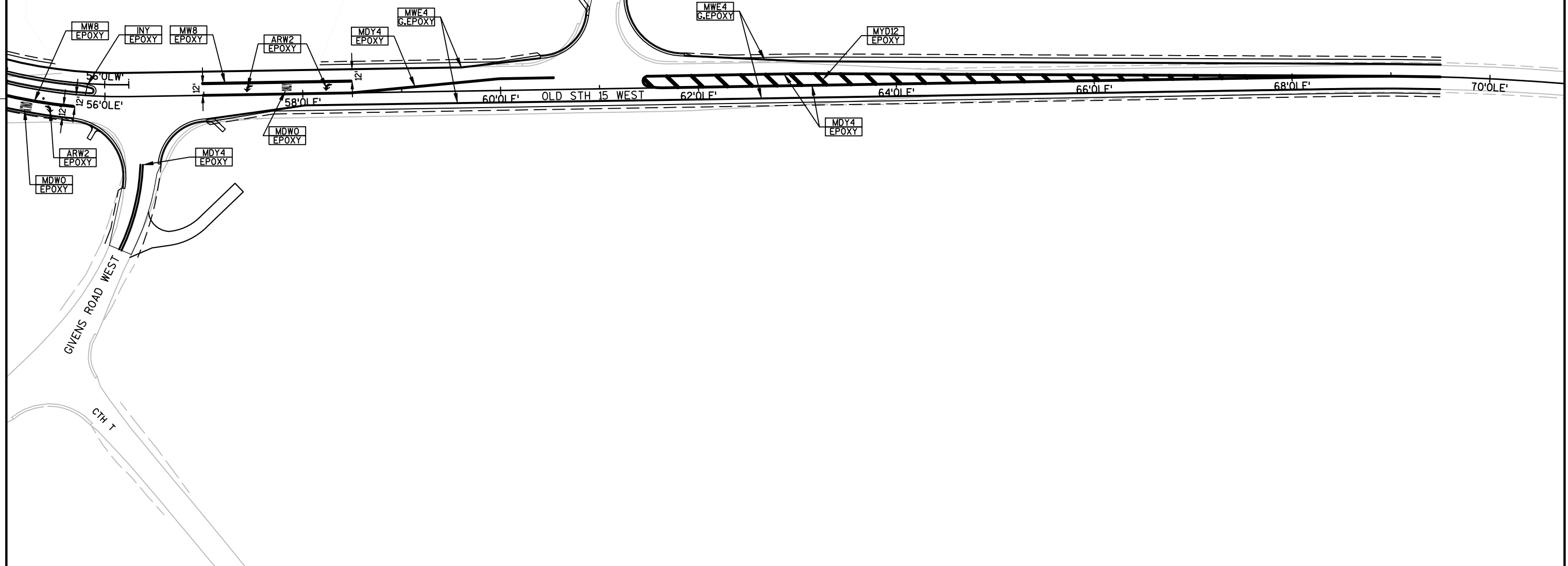
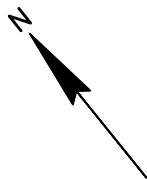
ALL SIGNS ARE 48"x48" UNLESS NOTED.

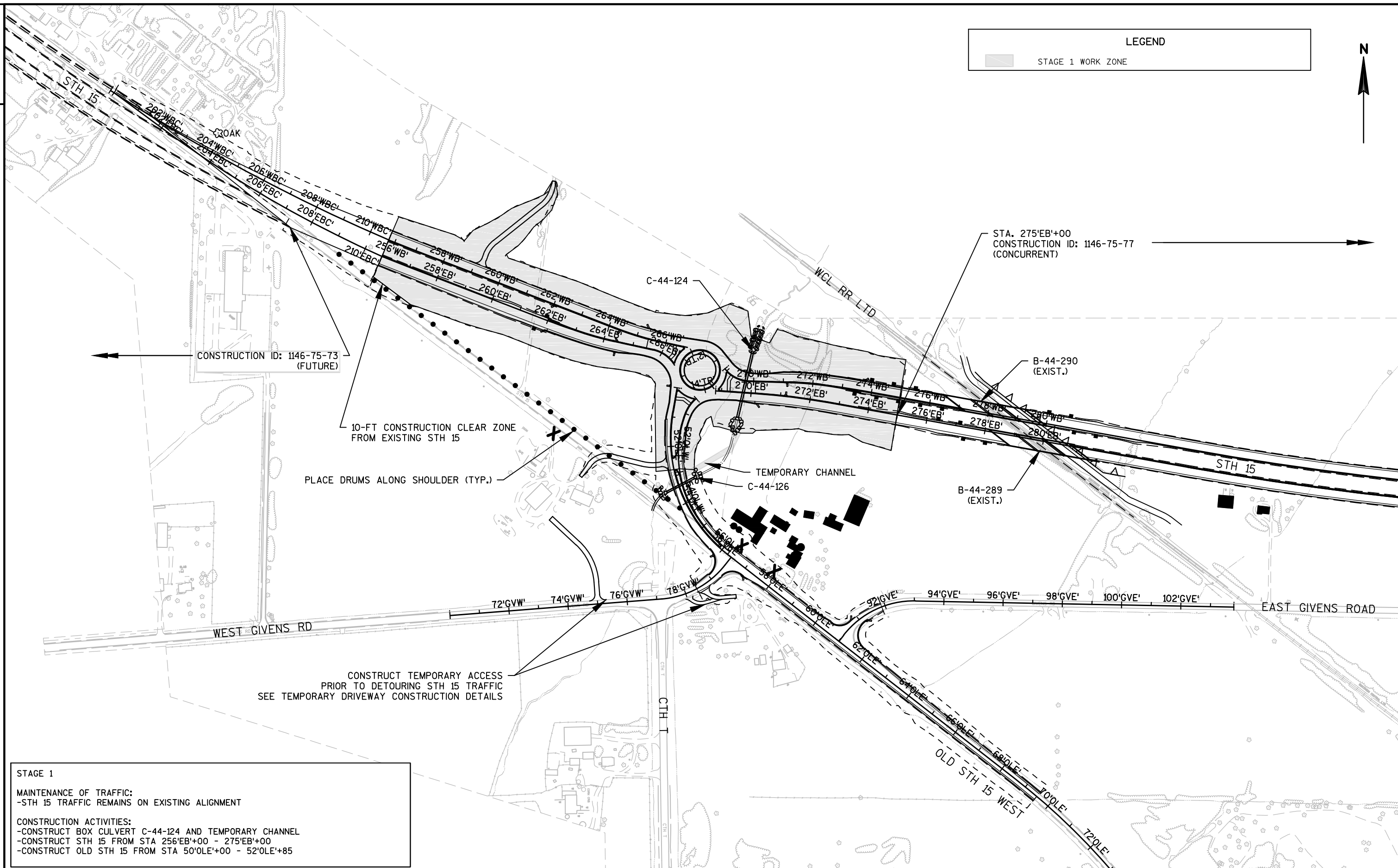
"WO" IS THE SAME AS "W" EXCEPT THE BACKGROUND IS ORANGE

ANY SIGNS TEMPORARY OR EXISTING, WHICH CONFLICT WITH THE TRAFFIC CONTROL "IN USE" SHALL BE REMOVED OR COVERED AS NEEDED AND AS APPROVED BY THE ENGINEER. NO WARNING LIGHTS SHALL BE WORKING ON "COVERED" OR "DOWNED" SIGNS.

ARW1	ARROWS TYPE 1 (WHITE)
ARW2	ARROWS TYPE 2 (WHITE)
ARW3	ARROWS TYPE 3 (WHITE)
ARW3R	ARROWS TYPE 3R (WHITE)
ARW5	ARROWS TYPE 5 (WHITE)
CBY	CURB (YELLOW)
INY	ISLAND NOSE (YELLOW)
MWE4	4-INCH (WHITE EDGE LINE)
MWL4	4-INCH (WHITE LANE LINE)
MYE4	4-INCH (YELLOW EDGE LINE)
MDY4	4-INCH DOUBLE YELLOW
MW8	8-INCH (WHITE CHANNELIZING)
WDWY	WORDS (WHITE) ("YIELD")
WDWO	WORDS (WHITE) ("ONLY")
WS8-6	8-INCH (WHITE SKIP)6' SEG., 3' GAP)
MYD12	12-INCH DIAGONAL 25' SPACING (YELLOW)
WS18-2	18-INCH (WHITE SKIP)2' SEG., 2' GAP)

LEGEND NOTES:
"TAPE" IS GROOVED CONTRAST PERMANENT TAPE
"G.EPOXY" IS GROOVED WET REFLECTIVE EPOXY
SEE "PAVEMENT MARKING" SDDs FOR ADDITIONAL DETAILS.





STAGE 1

MAINTENANCE OF TRAFFIC:

-STH 15 TRAFFIC REMAINS ON EXISTING ALIGNMENT

CONSTRUCTION ACTIVITIES:

- CONSTRUCT BOX CULVERT C-44-124 AND TEMPORARY CHANNEL
- CONSTRUCT STH 15 FROM STA 256'EB'+00 - 275'EB'+00
- CONSTRUCT OLD STH 15 FROM STA 50'OLE'+00 - 52'OLE'+85

PROJECT NO: 1146-75-76

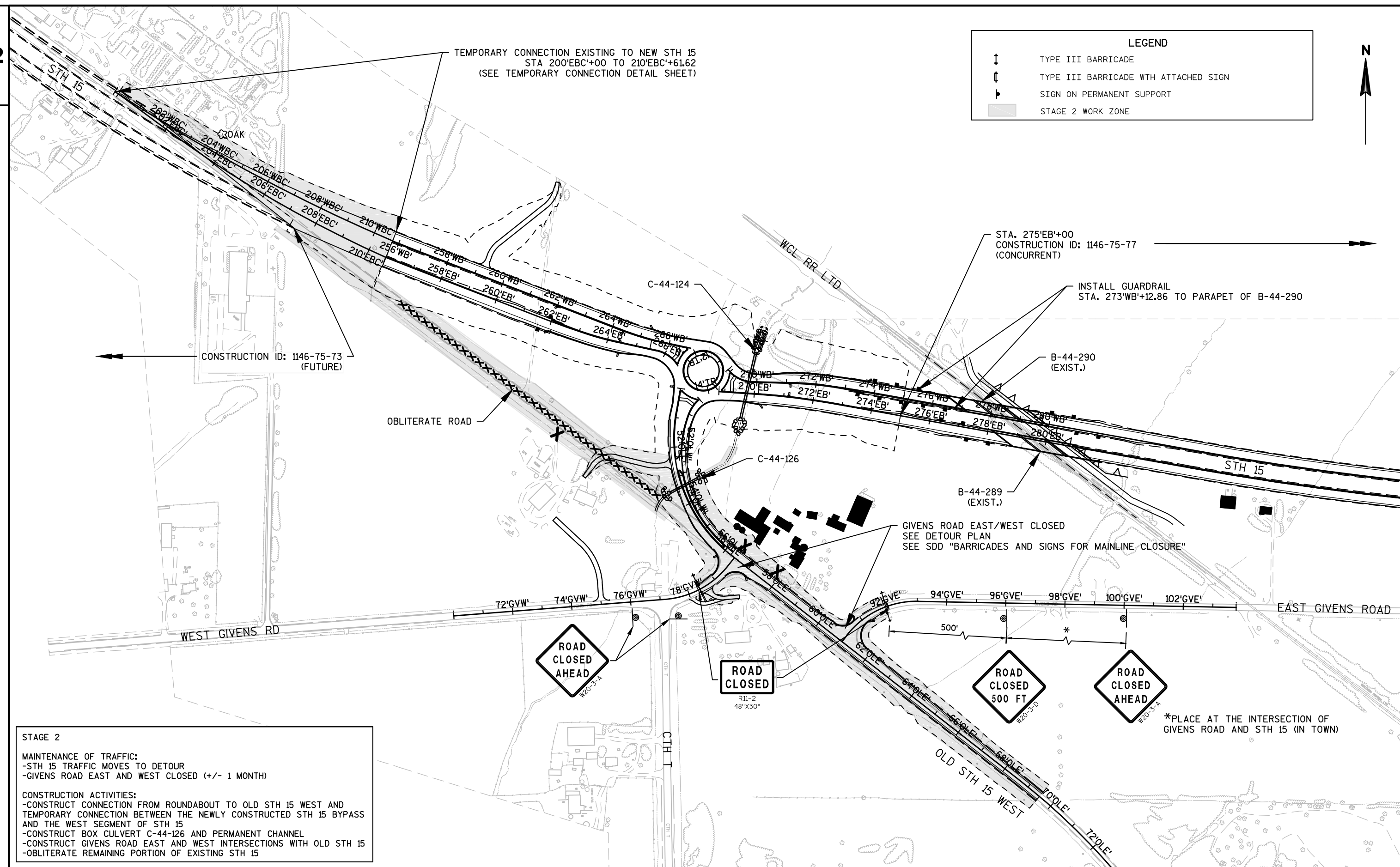
HWY: STH 15

COUNTY: OUTAGAMIE

STAGE 1

SHEET

E



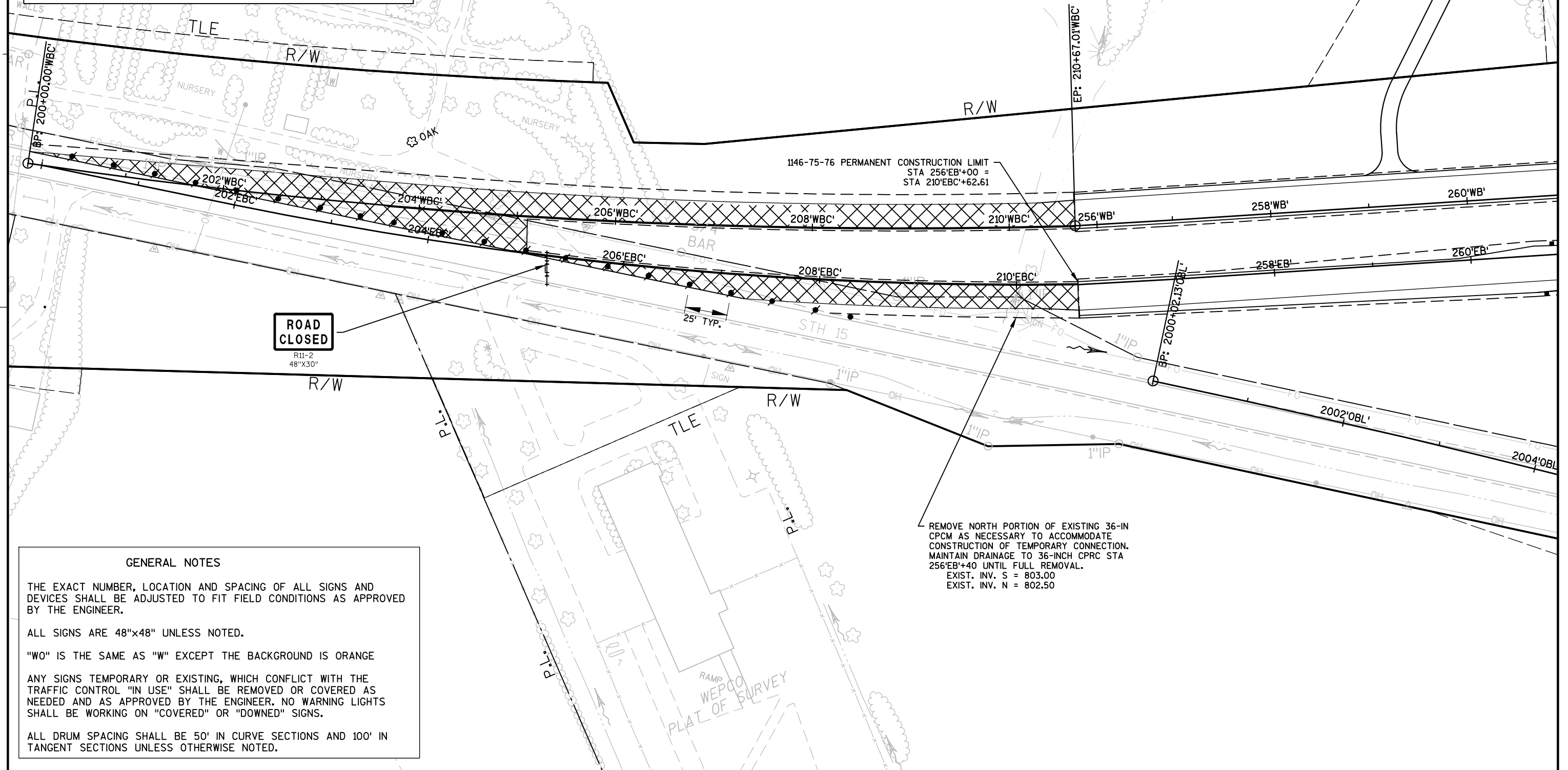
LEGEND

	TYPE III BARRICADE
	TYPE III BARRICADE WITH ATTACHED SIGN
	TRAFFIC CONTROL DRUM WITH TYPE C STEADY BURN LIGHT
	TRAFFIC CONTROL DRUM
	TEMPORARY CROSSOVER ASPHALTIC PAVEMENT
	SIGN ON PERMANENT SUPPORT
	SIGN ON TEMPORARY SUPPORT

STAGE 2 (+/- 2 MONTHS)

MAINTENANCE OF TRAFFIC:
-STH 15 TRAFFIC MOVES TO DETOUR
-GIVENS ROAD EAST AND WEST CLOSED
CONSTRUCTION ACTIVITIES:
-CONSTRUCT CONNECTION FROM ROUNDABOUT TO OLD STH 15 WEST AND
TEMPORARY CONNECTION BETWEEN THE NEWLY CONSTRUCTED STH 15 BYPASS
AND THE WEST SEGMENT OF STH 15
-CONSTRUCT GIVENS ROAD EAST AND WEST INTERSECTIONS WITH OLD STH 15

SEE PAVEMENT MARKING - TEMPORARY CONNECTION FOR SIGNING AND MARKING.



GENERAL NOTES

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

ALL SIGNS ARE 48"X48" UNLESS NOTED.

"WO" IS THE SAME AS "W" EXCEPT THE BACKGROUND IS ORANGE

ANY SIGNS TEMPORARY OR EXISTING, WHICH CONFLICT WITH THE TRAFFIC CONTROL "IN USE" SHALL BE REMOVED OR COVERED AS NEEDED AND AS APPROVED BY THE ENGINEER. NO WARNING LIGHTS SHALL BE WORKING ON "COVERED" OR "DOWNED" SIGNS.

ALL DRUM SPACING SHALL BE 50' IN CURVE SECTIONS AND 100' IN TANGENT SECTIONS UNLESS OTHERWISE NOTED.

PROJECT NO: 1146-75-76

HWY: STH 15

COUNTY: OUTAGAMIE

STAGE 2 - TEMPORARY CONNECTION DETAIL

SHEET

E

DETAIL 6
(SEE SHEET 6 OF 6)

COVER AS SHOWN

15
Northland Ave
1 Mile

LEGEND

- (X) SIGN NUMBER, REFER TO MISCELLANEOUS QUANTITY SHEET
- ▲ PCMS
- (X) PORTABLE CHANGEABLE MESSAGE SIGN
- ⇄ SIGN MOUNTED ON TYPE III BARRICADE
- POST MOUNTED SIGN

DETAIL 5
(SEE SHEET 5 OF 6)

DETAIL 2
(SEE SHEET 2 OF 6)

DETAIL 3
(SEE SHEET 3 OF 6)

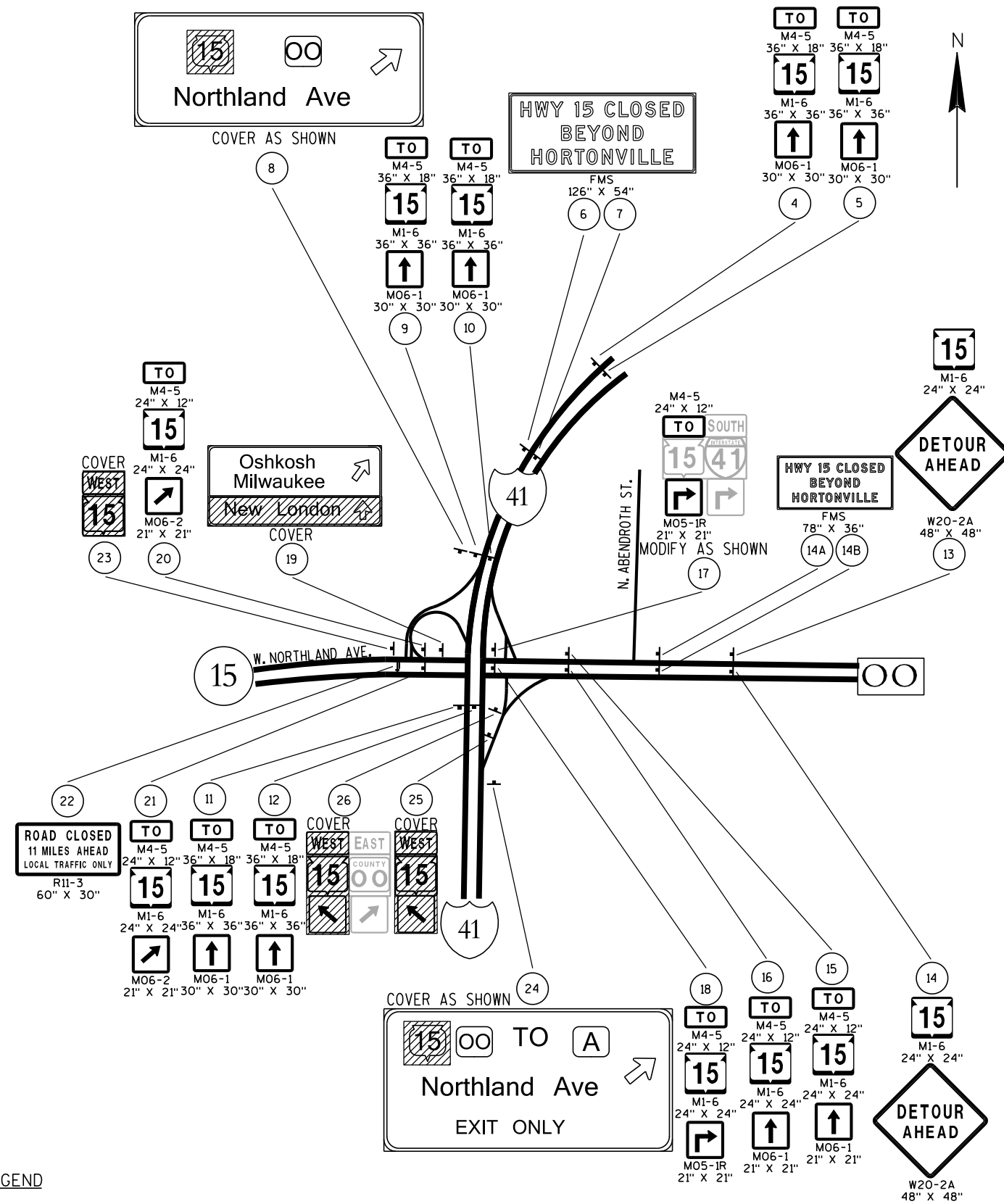
DETAIL 4
(SEE SHEET 4 OF 6)

COVER AS SHOWN

15 TO A
Northland Ave
1/4 MILE
EXIT ↓ ONLY

SHEET 1 OF 4

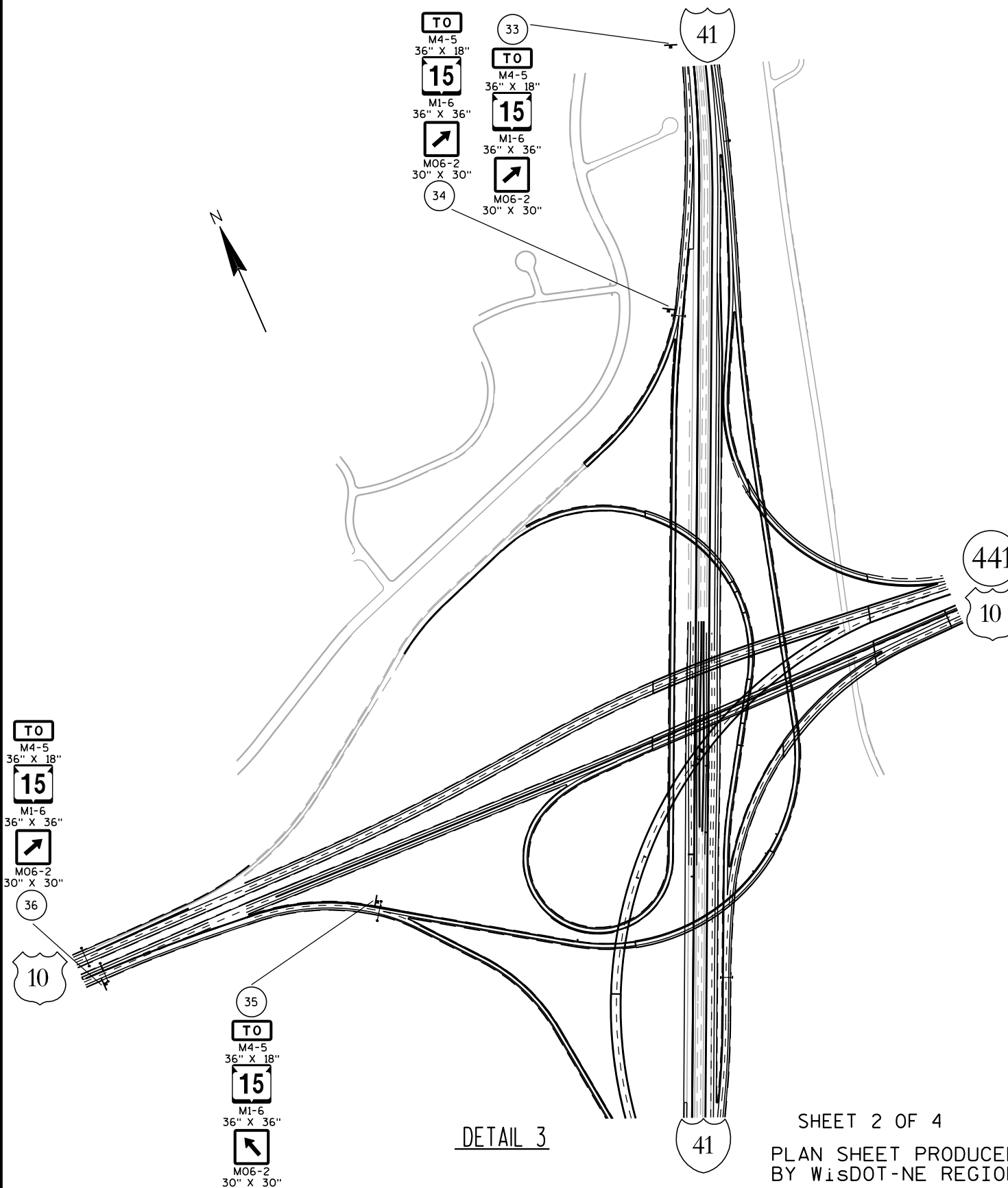
PLAN SHEET PRODUCED
BY WisDOT - NE REGION



DETAIL 2

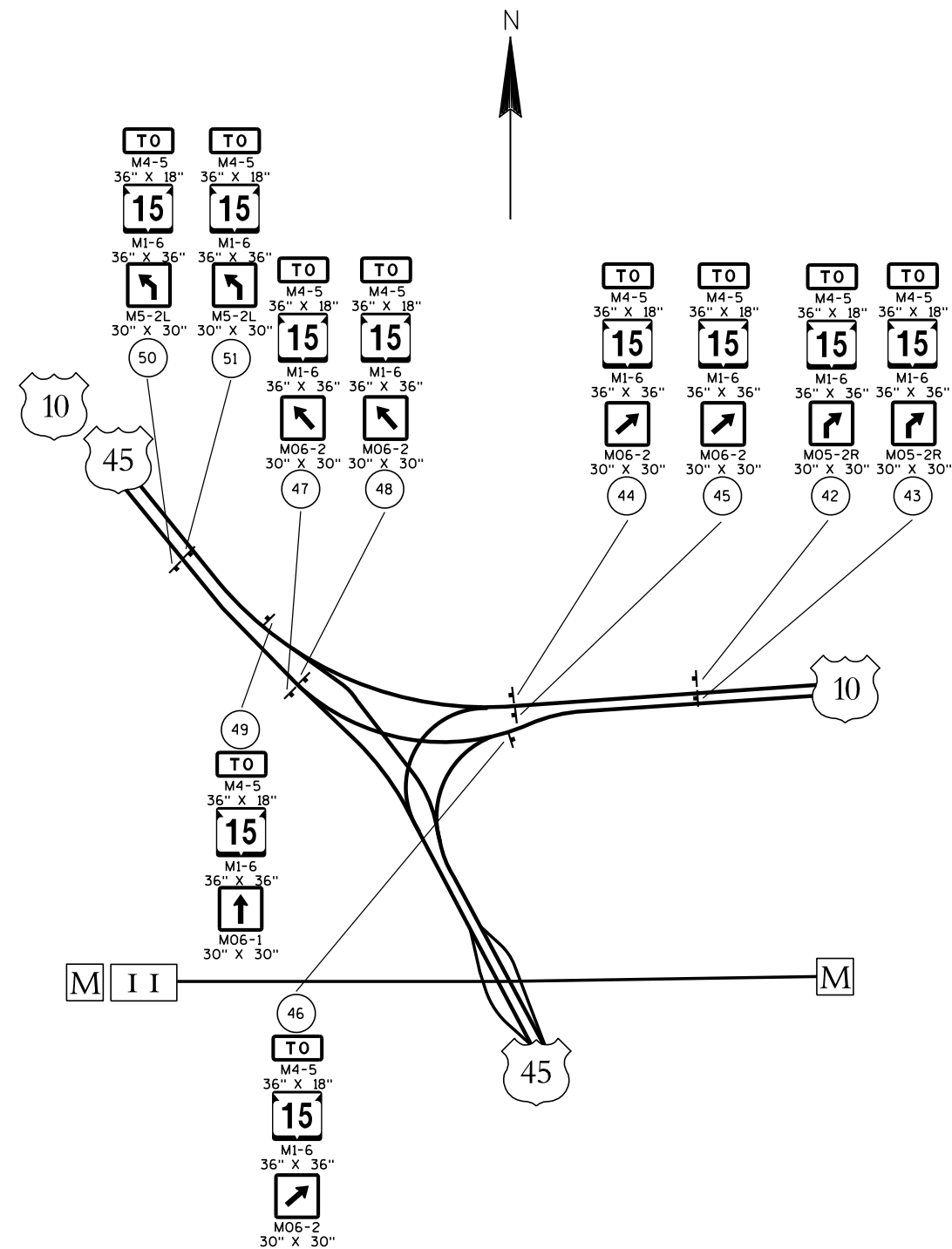
LEGEND

- (X) SIGN NUMBER. REFER TO MISCELLANEOUS QUANTITY SHEET
- ⇄ SIGN MOUNTED ON TYPE III BARRICADE
- POST MOUNTED SIGN



DETAIL 3

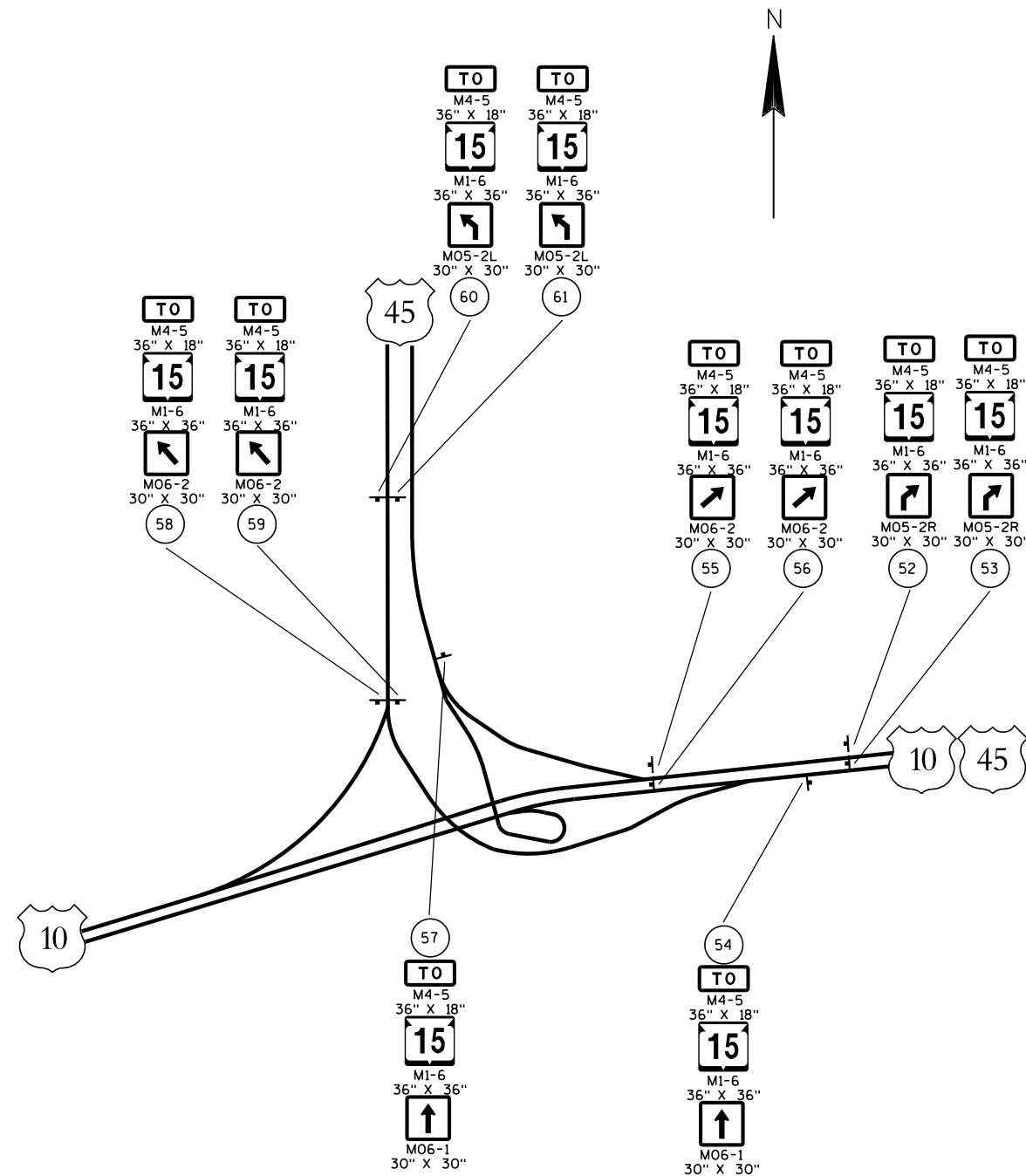
SHEET 2 OF 4
PLAN SHEET PRODUCED
BY WISDOT-NE REGION



LEGEND

- (X) SIGN NUMBER. REFER TO MISCELLANEOUS QUANTITY SHEET
- ⇄ SIGN MOUNTED ON TYPE III BARRICADE
- POST MOUNTED SIGN

DETAIL 4



DETAIL 5

SHEET 3 OF 4
PLAN SHEET PRODUCED
BY WISDOT-NE REGION

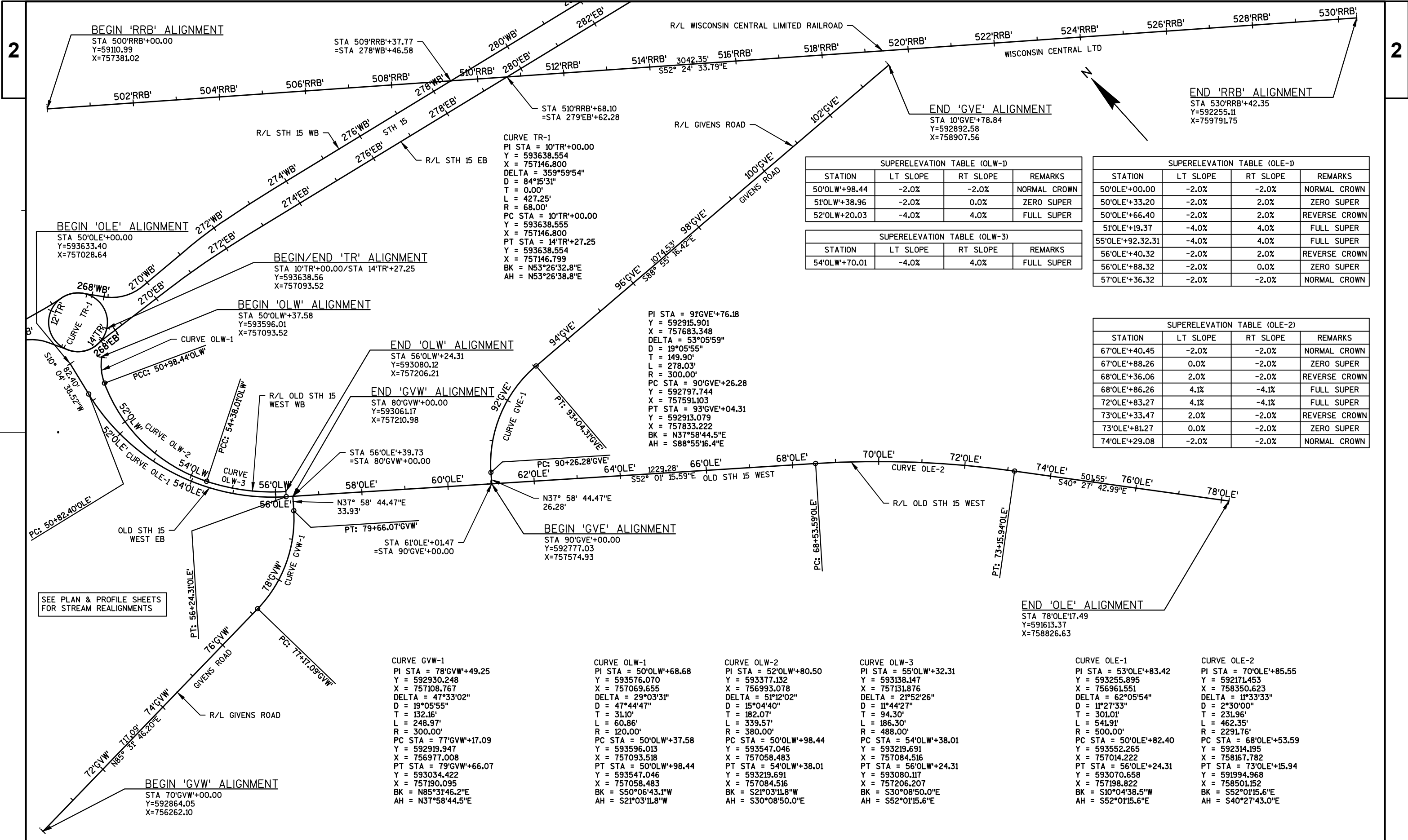


- DETAIL 6

SHEET 4 OF 4

PLAN SHEET PRODUCED
BY WisDOT - NE REGION





SUPERELEVATION TABLE (OLW-1)			
STATION	LT SLOPE	RT SLOPE	REMARKS
50'OLW'+98.44	-2.0%	-2.0%	NORMAL CROWN
51'OLW'+38.96	-2.0%	0.0%	ZERO SUPER
52'OLW'+20.03	-4.0%	4.0%	FULL SUPER

SUPERELEVATION TABLE (OLW-3)			
STATION	LT SLOPE	RT SLOPE	REMARKS
54'OLW'+70.01	-4.0%	4.0%	FULL SUPER

SUPERELEVATION TABLE (OLE-1)			
STATION	LT SLOPE	RT SLOPE	REMARKS
50'OLE'+00.00	-2.0%	-2.0%	NORMAL CROWN
50'OLE'+33.20	-2.0%	2.0%	ZERO SUPER
50'OLE'+66.40	-2.0%	2.0%	REVERSE CROWN
51'OLE'+19.37	-4.0%	4.0%	FULL SUPER
55'OLE'+92.32.31	-4.0%	4.0%	FULL SUPER
56'OLE'+40.32	-2.0%	2.0%	REVERSE CROWN
56'OLE'+88.32	-2.0%	0.0%	ZERO SUPER
57'OLE'+36.32	-2.0%	-2.0%	NORMAL CROWN

SUPERELEVATION TABLE (OLE-2)			
STATION	LT SLOPE	RT SLOPE	REMARKS
67'OLE'+40.45	-2.0%	-2.0%	NORMAL CROWN
67'OLE'+88.26	0.0%	-2.0%	ZERO SUPER
68'OLE'+36.06	2.0%	-2.0%	REVERSE CROWN
68'OLE'+86.26	4.1%	-4.1%	FULL SUPER
72'OLE'+83.27	4.1%	-4.1%	FULL SUPER
73'OLE'+33.47	2.0%	-2.0%	REVERSE CROWN
73'OLE'+81.27	0.0%	-2.0%	ZERO SUPER
74'OLE'+29.08	-2.0%	-2.0%	NORMAL CROWN

SEE PLAN & PROFILE SHEETS
FOR STREAM REALIGNMENTS

ALL ITEMS ARE CATEGORY 0010
UNLESS OTHERWISE NOTED

Clearing and Grubbing Summary

				201.0105	201.0205	
				Clearing	Grubbing	
Station	to	Station	Location	STA	STA	Remarks
267+00	--	273+00	STH 15 EB + WB	12	12	
2008+00	--	2010+00	STH 15 Obliteration	2	2	RT
Total				14	14	

Removing Old Culverts Summary

		203.0100	204.0180	
		Removing Small	Removing Delineators	
		Pipe Culverts	and Markers	
Station	Location	Each	Each	Remarks
57+90	OLD STH 15 West	1	1	LT
210+00	Temp Connection EB	1	1	RT
Total		2	2	

Removing Curb and Gutter

				204.0150	
Station	to	Station	Location	L.F.	Remark
79+20	--	79+76	Givens Road West	157	Intersection
Total				157	

Removing Guardrail

				204.0165	
Station	to	Station	Location	L.F.	Remark
2009+67	--	2013+09	STH 15 Obliteration	600	
Total				600	

Obliterating Old Road

				214.0100	
Station	to	Station	Location	STA	Remarks
2003+00	--	2014+00	STH 15 Obliteration	11.0	
Total				11.0	

Asphaltic Flumes

465.0315				
Station	Side	Location	SY	Remarks
262+00	LT	STH 15 EB	14.6	
262+00	RT	STH 15 EB	47.5	
262+00	RT	STH 15 WB	14.6	
264+35	LT	STH 15 EB	13	
264+35	RT	STH 15 EB	28.2	
265+36	LT	STH 15 WB	36.7	
269+87	LT	STH 15 WB	59.4	
270+19	RT	STH 15 EB	38	
271+20	LT	STH 15 EB	12	
262+00	RT	STH 15 WB	12	
273+64	LT	STH 15 WB	43	
50+00	RT	Old 15 West EB	25	
52+00	LT	Old 15 West WB	25	
79+66	LT	Givens Road West	9	
79+73	LT	Givens Road West	9	
91+14	LT	Givens Road East	9	
90+32	RT	Givens Road East	9	
Total			405	

Asphaltic Shoulder Rumble Strips

				465.0400	
Station	to	Station	Location	L.F.	Remarks
256+00	--	262+09	STH 15 EB + WB	2,436	WB Median starts at 256+41
273+65	--	275+00	STH 15 WB	135	Outside Shoulder
273+65	--	275+00	STH 15 WB	135	Median Shoulder
273+65	--	275+00	STH 15 EB	135	Median Shoulder
273+65	--	275+00	STH 15 EB	135	Outside Shoulder
Total				2,976	

ALL ITEMS ARE CATEGORY 0010
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				Concrete Summary				Remarks
				405.0100	415.0090	416.0512	602.0410	
				Coloring Concrete	Concrete Pavement	Concrete Roundabout	Concrete Sidewalk	
Station	to	Station	Location	Red C.Y.	9-Inch S.Y.	Truck Apron 12-Inch S.Y.	5-Inch S.F.	
256+00	--	266+60	STH 15 EB		3064			
255+77	--	266+74	STH 15 WB		3166			
265+46	--	266+51	STH 15 EB	64			4125	Splitter Island - Colored Stamped
10+00	--	14+27	CTH T RAB	153	1408	457		Truck Apron - Colored
268+95	--	270+15	STH 15 EB	75			4841	Splitter Island - Colored Stamped
268+80	--	275+00	STH 15 EB		2912			
268+96	--	275+00	STH 15 WB		2340			
50+00	--	50+41	Old STH 15 West EB		55			
50+37	--	50+70	Old STH 15 West WB		43			
50+12	--	52+31	Old STH 15 West EB	109			7036	Splitter Island - Colored Stamped
52+91	--	55+80	Old STH 15 West EB	31			2007	Splitter Island - Colored Stamped
Total				432	12,988	457	18,009	

				Asphalt Summary					Remarks
				455.0605	460.5223	460.5224	465.0120	465.0125	
				Tack Coat	HMA Pavement	HMA Pavement	Asphaltic Surface	Asphaltic Surface	
Station	to	Station	Location	GAL	3 LT 58-28 S TON	4 LT 58-28 S TON	Driveway and Field Entrances TON	Temporary TON	
256+00	--	266+55	STH 15 EB	53	213				
255+77	--	266+68	STH 15 WB	55	220				
268+95	--	275+00	STH 15 EB	30	202				
268+96	--	275+00	STH 15 WB	30	163				
50+41	--	53+27	Old STH 15 West EB	19	71.2	43.8			
50+70	--	56+24	Old STH 15 West WB	37	138.0	85.0			
53+27	--	55+69	Old STH 15 West EB	24	90.4	55.6			
55+69	--	57+03	Old STH 15 West EB	36	133.1	81.9			
57+03	--	60+41	Old STH 15 West EB	86	323.1	198.9			
60+41	--	61+87	Old STH 15 West EB	36	133.1	81.9			
61+87	--	69+50	Old STH 15 West EB	144	539.2	331.8			
78+41	--	79+76	Givens Road West	32	78.8	61.3			
90+32	--	91+88	Givens Road East	32	88.3	68.7			
200+00	--	201+75	Temp Connection WB	10				56	
201+75	--	205+00	Temp Connection WB	76				436	
205+00	--	210+65	Temp Connection EB	78				451	
205+00	--	210+67	Temp Connection WB	79				453	
78+60			Givens Road West RT	10			42		Joann Sambs Dwy
Total				867	2,393	1,009	42	1,396	

				Concrete Curb and Gutter							
				601.0405	601.0409	601.0411	601.0555	601.0557	601.0580	650.5500	
				Concrete Curb and Gutter						Construction Staking	
				18-Inch	30-Inch	30-inch	6-Inch Sloped	6-Inch Sloped	4-Inch Sloped	Curb Gutter	
				Type A	Type A	Type D	36-Inch Type A	36-Inch Type D	36-Inch Type R	and Curb & Gutter	
Station	to	Station	Location	L.F.	L.F.	L.F.	L.F.	L.F.	L.F.	L.F.	Remarks
262+09	--	264+39	STH 15 EB				230	230		460	
262+12	--	265+39	STH 15 WB				327	327		654	
264+39	--	266+51	STH 15 EB		212	212				424	
265+39	--	266+59	STH 15 WB		120	120				240	
10+00	--	14+27	CTH T RAB	340	515				428	1,283	Central Island
268+95	--	270+02	STH 15 EB		107	107				214	
269+06	--	271+22	STH 15 WB		216	216				432	
270+02	--	273+65	STH 15 EB				363	363		726	
271+22	--	273+65	STH 15 WB				243	243		486	
50+12	--	50+41	OLD STH 15 West EB				128			128	
50+45	--	50+70	OLD STH 15 West WB				58			58	
50+41	--	51+10	OLD STH 15 West EB					138		138	
50+70	--	51+96	OLD STH 15 West WB				252			252	
51+10	--	55+87	OLD STH 15 West EB					464		464	
51+96	--	55+90	OLD STH 15 West WB					394		394	
79+03	--	79+77	Givens Road West					174		174	
90+31	--	91+15	Givens Road East					183		183	
Total				340	1,170	655	1,601	2,516	428	6,710	

ALL ITEMS ARE CATEGORY 0010
UNLESS OTHERWISE NOTED

Traffic C							
		643.0300	643.0420		643.0705		
		Traffic Control	Traffic Control		Traffic Control		
		Drums	Barricades Type III		Warning Lights Type A		
Location		Each	Days	Each	Days	Each	Days
Stage 1 - Approx. 12 Weeks		30	1,470				
Stage 2 - Approx. 7 Weeks		16	784	3	147	2	98
UNDISTRIBUTED			368		37		25

Sawing Asphalt					
690.0150					
Station	to	Station	Location	L.F.	Remarks
69+50.	--	--	Old STH 15 West	30	
91+87.87	--	--	Givens Road East	20	
201+43.7	--	207+45.75	Temp Connection EB	658	
78+41.26	--	--	Givens Road West	24	
11+32.16	--	--	Joann Sambs Dwy	16	Givens Rd West
Total				732	

Concrete Median Sloped Nose			
620.0300			
Station	Location	S.F.	Remarks
266+51	STH 15 EB	21	
266+59	STH 15 WB	40	
268+95	STH 15 EB	40	
269+06	STH 15 WB	21	
50+12	Old STH 15 West EB	40	
50+45	Old STH 15 West WB	21	
52+31	Old STH 15 West EB	77	Median Opening - North
52+91	Old STH 15 West EB	91	Median Opening - South
55+80	Old STH 15 West EB	91	
Total		442	

ALL ITEMS ARE CATEGORY 0010
UNLESS OTHERWISE NOTED

				Construction Staking Summary					
				650.4000	650.4500	650.5000	650.7000	650.8500	650.9920
				Construction Staking	Construction Staking	Construction Staking	Construction Staking	Construction Staking	Construction Staking
				Storm Sewer	Subgrade	Base	Concrete Pavment	Electrical Installations (Project)	Slope Stakes
Station	to	Station	Location	Each	L.F.	L.F.	L.F.	LS	L.F.
12+56	--	--	CTH T RAB	1					
12+90	--	--	CTH T RAB	2					
13+00	--	--	CTH T RAB	1					
13+31	--	--	CTH T RAB	1					
51+00	--	--	Old 15 West EB	2					
52+93	--	--	Old 15 West EB	1					
53+00	--	--	Old 15 West EB	1					
268+92	--	--	STH 15 EB	2					
256+00	--	266+60	STH 15 EB		1,060		1,060		1,060
255+77	--	266+74	STH 15 WB		1,097		1,097		1,097
265+46	--	266+51	STH 15 EB		105		105		105
10+00	--	14+27	CTH T RAB		427		427		427
268+95	--	270+15	STH 15 EB		120		120		120
268+80	--	275+00	STH 15 EB		620		620		620
268+96	--	275+00	STH 15 WB		604		604		604
50+00	--	50+41	Old STH 15 West EB		41		41		41
50+37	--	50+70	Old STH 15 West WB		33		33		33
50+41	--	53+27	Old STH 15 West EB		286	286			286
50+70	--	56+24	Old STH 15 West WB		554	554			554
53+27	--	55+69	Old STH 15 West EB		242	242			242
55+69	--	57+03	Old STH 15 West EB		134	134			134
57+03	--	60+41	Old STH 15 West EB		338	338			338
60+41	--	61+87	Old STH 15 West EB		146	146			146
61+87	--	69+50	Old STH 15 West EB		763	763			763
78+41	--	79+76	Givens Road West			135			135
90+32	--	91+88	Givens Road East			156			156
200+00	--	201+75	Temp Connection WB		175	175			175
201+75	--	205+00	Temp Connection WB		325	325			325
205+00	--	210+65	Temp Connection EB		565	565			565
205+00	--	210+67	Temp Connection WB		567	567			567
18+89	--	28+71	CTH M			982			982
11+00	--	26+77	CTH MM			1,577			1,577
11+30	--	12+62	N. Crest St.			132			132
Total				11	8,202	7,077	4,107	1	11,184

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				Base					
				305.0110	305.0120	311.0110	624.0100		
				Base Aggregate Dense	Base Aggregate Dense	Breaker	Water		
				3/4-Inch	1 1/4-Inch	Run	Compaction	Dust Control	
Station	to	Station	Location	Ton	Ton	Ton	Mgal	Mgal	Remarks
256+00	--	266+60	STH 15 EB	97	2,580	2,887	56	22	
255+78	--	266+74	STH 15 WB	100	2,666	2,984	58	23	
10+00	--	14+27	CTH T RAB		669	1,107	18	7	
267+45	--	272+07	STH 15 WB			4,610			Pond Fill
268+80	--	278+88	STH 15 EB	83	2,439	2,744	53	21	
268+96	--	275+00	STH 15 WB	54	1,942	2,206	42	17	
205+00	--	210+62	Temp. Connection EB	119	1,740	911	28	11	
200+00	--	210+67	Temp. Connection WB	376	1,952	1,749	41	16	
50+00	--	69+50	Old 15 West EB	668	9,210	3,055	129	52	
50+37	--	56+24	Old 15 West WB	99	1,032	796	19	8	
78+41	--	79+76	Givens Road West	50	572		6	2	
90+32	--	91+88	Givens Road East	50	572		6	2	
259+25	--	--	STH 15 WB	233			2	1	Kevin Sambs Dwy
52+54	--	--	Old STH 15 West EB	194			2	1	Elizabeth Gaigg Dwy
75+00	--	--	Givens Rd West LT	205			2	1	Elizabeth Gaigg Temp. Dwy
78+00	--	--	Givens Rd West RT	50			1	0	JoAnn Sambs Temp. Dwy
78+60	--	--	Givens Rd West RT	61			1	0	JoAnn Sambs Dwy
						Subtotal	463	185	
Total				2,439	25,374	23,049	648		

Guardrail Summary									
		614.2300	614.2330	614.2500	614.2610	614.2620			
		MGS	MGS	MGS Thrie Beam	MGS Guardrail	MGS Guardrail			
		Guardrail 3	Guardrail 3K	Transition	Terminal EAT	Terminal EAT Type 2			
Station	to	Station	Location	L.F.	L.F.	L.F.	Each	Each	Remarks
260+61.38	--	261+14.5	STH 15 EB				2		Includes RT and LT
261+14.5	--	262+39.5	STH 15 EB		250			2	Includes RT and LT
273+12.86	--	276+62.86	STH 15 WB		350			1	RT
276+62.86	--	277+02.23	STH 15 WB			39			RT
273+11.07	--	275+61.07	STH 15 WB		250			1	LT
275+61.07	--	276+00.44	STH 15 WB			39			LT
275+02.64	--	275+55.77	STH 15 EB				1		LT
275+55.77	--	277+30.77	STH 15 EB	175					LT
277+30.77	--	277+70.14	STH 15 EB			39			LT
276+41.92	--	276+95.05	STH 15 EB				1		RT
276+95.05	--	278+32.55	STH 15 EB	138					RT
278+32.55	--	278+71.92	STH 15 EB			39			RT
Total				313	850	158	4	4	

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UNLESS OTHERWISE NOTED

Temporary Erosion Control														
			628.1104	628.1504	628.1520	628.6005	628.7005	628.7015	628.7504	628.7555	628.7560	628.7570		
			Silt Fence			Inlet Protection		Inlet Protection	Temporary	Culvert	Tracking			
Station	to	Station	Erosion Bale	Silt Fence	Maintance	Turbidity Barrier	Type A	Type C	Ditch Checks	Pipe Checks	Pad	Rock Bags	Remarks	
		Location	Each	LF	LF	SY	Each	Each	LF	Each	Each	Each		
200+00	--	210+67	Temp Connection WB	1,000	1,000									
207+00	--	--	Temp Connection WB				1							
256+13	--	--	STH 15 EB				1							
256+40	--	--	STH 15 EB							1				
262+50	--	--	STH 15 EB				1							
256+00	--	266+55	STH 15 EB	1,533	1,533				48					
255+77	--	266+68	STH 15 WB	1,167	1,167									
12+90	--	--	RAB CIRC. RDWY				1	1						
13+00	--	--	RAB CIRC. RDWY				1	1						
12+56	--	--	RAB CIRC. RDWY				1	1						
13+31	--	--	RAB CIRC. RDWY				1	1						
268+92	--	--	STH 15 EB				1	1						
271+50	--	--	STH 15 WB			67	1						Turbidity Barrier 150'x4'	
266+55	--	278+88	STH 15 EB						48					
266+68	--	277+07	STH 15 WB	663	663									
51+00	--	--	Old STH 15 West EB				1	1						
52+93	--	--	Old STH 15 West EB				1	1						
50+41	--	69+50	Old STH 15 West EB	2,197	2,197				88					
50+70	--	56+24	Old STH 15 West WB	1,848	1,848				72					
75+86	--	--	Givens Road West							1				
78+02	--	--	Givens Road West							1				
79+45	--	--	Givens Road West							1				
--	--	--	Undistributed	10	2,102	2,102	17		64	1	2	100		
Total			10	10,510	10,510	84	11	7	320	5	2	100		

ALL ITEMS ARE CATEGORY 0010
UNLESS OTHERWISE NOTED

Permanent Erosion Control							
		606.0200	628.2004	645.0120			
		Riprap	Erosion Mat Class I	Geotextile Fabric			
		Medium	Type B	Type HR			
Station	to	Station	Location	CY	SY	SY	Remarks
256+13	--	--	STH 15 WB	7		14	LT
256+40	--	--	STH 15 WB	3		6	LT
262+00	--	--	STH 15 EB	6		12	RT
262+00	--	--	STH 15 EB	1		2	LT
262+00	--	--	STH 15 WB	2		4	RT
262+50	--	--	STH 15 WB	3		6	LT
264+35	--	--	STH 15 EB	4		8	RT
264+35	--	--	STH 15 EB	2		4	LT
264+35	--	--	STH 15 WB	2		4	RT
265+38	--	--	STH 15 EB	5		10	LT
256+00	--	266+55	STH 15 EB		2,277		
255+77	--	266+68	STH 15 WB		3,449		
268+92	--	--	STH 15 EB	3		6	RT
269+87	--	--	STH 15 WB	7		14	LT
270+18	--	--	STH 15 EB	5		10	RT
271+20	--	--	STH 15 EB	2		4	LT
271+20	--	--	STH 15 WB	3		6	RT
271+50	--	--	STH 15 WB	3		6	RT
273+64	--	--	STH 15 WB	5		10	LT
266+55	--	275+00	STH 15 EB		1,173		
266+68	--	275+00	STH 15 WB		9,197		
50+00	--	--	Old STH 15 West EB	1		2	
51+00	--	--	Old STH 15 West EB	3		6	
52+00	--	--	Old STH 15 West WB	3			
52+20	--	--	Old STH 15 West WB	80		160	C-44-126 - C-44-124
52+92	--	--	Old STH 15 West EB	3		6	
53+43	--	--	Old STH 15 West EB	9		18	C-44-126 Channel Realign.
63+20	--	--	Old STH 15 West EB	3		6	
50+41	--	69+50	Old STH 15 West EB		3,564		
50+70	--	56+24	Old STH 15 West WB		733		
79+45	--	--	Givens Road West	3		6	
79+66	--	--	Givens Road West	1		2	
78+41	--	79+76	Givens Road West		130	0	
90+72	--	--	Givens Road East	1		1	
91+14	--	--	Givens Road East	2		1	
90+32	--	91+88	Givens Road East		122	0	
207+00	--	--	Temporary Connection WB	1		2	
195+00	--	210+67.01	Temporary Connection WB		3,333		
200+00	--	210+62.61	Temporary Connection EB		2,185		
--	--	--	Undistributed	34	5,161	66	
Total				172	31,323	332	

213.0100 Finishing Roadway (Project)		
Project	Each	Remarks
1146-75-76	1	
Total	1	

618.0100 Maintenance and Repair Of Haul Roads		
Project	Each	Remarks
1146-75-76	1	
Total	1	

619.1000 Mobilization		
Project	Each	Remarks
1146-75-76	1	
Total	1	

642.5401 Field Office Type D		
Project	Each	Remarks
1146-75-76	1	
Total	1	

643.0100 Traffic Control (Project)		
Project	Each	Remarks
1146-75-76	1	
Total	1	

ALL ITEMS ARE CATEGORY 0010
UNLESS OTHERWISE NOTED

Pavement Marking Summary

				646.0106		646.0126	646.0841.S		646.0843.S	647.0166	647.0196	647.0566	647.0606		647.0726	647.0356	SPV.0060.04	SPV.0060.05	SPV.0060.06	SPV.0060.07	SPV.0060.08	SPV.0090
				Pmnt Marking		Pmnt Marking	Pmnt Marking		Pmnt Marking	Pmnt Marking	Pmnt Marking	Pmnt Marking	Pmnt Marking		Pmnt Marking	Pmnt Marking					Pmnt Marking	Pmnt Marking
				Epoxy 4-Inch		Epoxy 8-Inch	Grooved Wet Reflective		Contrast Tape	Arrow	Arrows	Stop Line	Island Nose Epoxy		Diagonal Epoxy 12- Inch	Words Epoxy					Grooved Epoxy Words	Grooved Wet Reflective
				White	Yellow	White	4-Inch	8-Inch		Type 2	Type 5	18-Inch White	Yellow		Yellow	Only	Type 1	Type 2	Type 3	Type 3R	Yield	18-Inch
				L.F.	L.F.	L.F.	L.F.	L.F.		Each	Each	LF	Each		Each	Each	Each	Each	Each	Each	Each	L.F.
195+00	--	210+67.01	Temp Conn WB	1067	1567										49							
200+00	--	210+62.61	Temp Conn EB	1063	1063																	
265+42	--	--	STH 15 EB														1		1			
266+55	--	--	STH 15 EB																		2	
256+00	--	266+60.	STH 15 EB	900	900		1,060	280														
255+78.	--	266+62.	STH 15 WB	1023	1070		1,084				2											
10+08.	--	--	CTH T RAB															1				
11+25.	--	--	CTH T RAB														1		1			
12+12.	--	--	CTH T RAB																1			
13+26.	--	--	CTH T RAB														2					
10+00	--	14+27	CTH T RAB				427															358
269+00	--	--	STH 15 WB														1			1	2	
270+14	--	--	STH 15 WB																			
268+95	--	275+00	STH 15 EB	993	993		605															
268+96	--	275+00	STH 15 WB	678	707		604	280														
50+00	--	69+50	Old 15 West EB	1950	5938	300				4			3			1						
50+37	--	56+24	Old 15 West WB	587	587										241						1	
78+41	--	79+76	Givens Road West									30										
90+32	--	91+88	Givens Road East									30										
Total				8261	12825	300	3,780	560		4	2	60	3		290	1	5	1	3	1	5	358

Seeding Summary

				625.0500	627.0200	629.0210	630.0110	630.0120	630.0140	630.0300		
				Salvaged		Fertilizer	Seeding Mixture	Seeding Mixture	Seeding Mixture	Seeding		
				Topsoil	Mulching	Type B	No. 10	No. 20	No. 40	Borrow Pit		
Station	to	Station	Location	SY	SY	CWT	LB	LB	LB	LB	Remarks	
256+00	--	266+55	STH 15 EB	8,296	6,019	5.2	13	182	29		Use No. 40 in Spitter Island	
255+77	--	266+68	STH 15 WB	8,556	5,107	5.4		231				
266+55	--	275+00	STH 15 EB	5,898	4,725	3.7	80	279	29		Use No. 40 in Spitter Island	
266+68	--	275+00	STH 15 WB	9,197	0	5.8		280				
50+41	--	69+50	Old STH 15 West EB	15,111	11,547	9.5	204		36			
50+70	--	56+24	Old STH 15 West WB	2,222	1,489	1.4	30					
200+00	--	210+67	Temp Connection WB	3,333		2.1						
205+00	--	210+65	Temp Connection EB	2,185		1.4						
--	--	--	Borrow Pits	1,000	37,037	0.6				250		
--	--	--	Undistributed	13,950	16,481	8.8	82	243	24			
Total				69,748	82,406	44	408	1,215	118	250		

CULVERT PIPE REINFORCED CONCRETE - STH 15

ALL ITEMS CATEGORY 0010

INLET			OUTLET			SLOPE	LOCATION	522.0118	522.0136	REMARKS
STATION	OFFSET, FT	ELEVATION	STATION	OFFSET, FT	ELEVATION			CPRC	CPRC	
								CLASS III	CLASS III	
								18 - INCH	36 - INCH	
207+00	25.4 RT	804.25	207+00	49.9 LT	804.00	0.33%	STH 15 WBC	76		
256+40	69.4 RT	802.30	256+07	127.3 LT	799.30	0.88%	STH 15 EB		200	STAGED CONSTR.
256+13	35.9 RT	804.52	256+13	74.8 LT	800.31	3.80%	STH 15 WB	112		
262+50	33.3 RT	810.50	263+50	79.4 LT	801.00	8.43%	STH 15 WB	92		
271+50	31.3 RT	813.50	271+50	97.7 LT	800.50	0.1008	STH 15 WB	94		
TOTAL								374	200	

APRON ENDWALLS FOR CULVERT PIPE REINFORCED CONCRETE - STH 15

ALL ITEMS CATEGORY 0010

INLET			OUTLET			LOCATION	522.1018	522.1036	633.5200	REMARKS
STATION	OFFSET, FT	ELEVATION	STATION	OFFSET, FT	ELEVATION		AEW	AEW	MARKERS	
							FOR CPRC	FOR CPRC	CULVERT END	
							18 - INCH	36 - INCH		
207+00	25.4 RT	804.25	207+00	49.9 LT	804.00	STH 15 WBC	1		1	
256+40	69.4 RT	802.30	256+07	127.3 LT	799.30	STH 15 EB		2	2	
256+13	35.9 RT	804.52	256+13	74.8 LT	800.31	STH 15 WB	1		1	
262+50	33.3 RT	810.50	263+50	79.4 LT	801.00	STH 15 WB	1		1	
271+50	31.3 RT	813.50	271+50	97.7 LT	800.50	STH 15 WB	1		1	
TOTAL							4	2	6	

CULVERT PIPE REINFORCED CONCRETE - SIDE ROADS

ALL ITEMS CATEGORY 0010

INLET			OUTLET			SLOPE	LOCATION	522.0118	522.0124	REMARKS
STATION	OFFSET, FT	ELEVATION	STATION	OFFSET, FT	ELEVATION			CPRC	CPRC	
								CLASS III	CLASS III	
								18 - INCH	24 - INCH	
								L.F.	L.F.	
64+17	N/A	N/A	+	47.0 LT	812.70	0.00%	OLD 15 WEST			PIPE NOT REQ'D
64+24	N/A	N/A	+	47.0 LT	813.00	0.00%	OLD 15 WEST			PIPE NOT REQ'D
74+86	26.5 LT	825.31	75+18	27.5 LT	824.48	2.61%	GIVENS RD	32		TEMP PE
78+02	27.7 RT	822.90	78+15	26.0 RT	822.82	0.54%	GIVENS RD	14		TEMP PE
78+54	28.2 RT	821.00	78+80	28.2 RT	820.00	3.60%	GIVENS RD	28		PE
79+45	47.8 RT	816.50	79+45	34.2 LT	815.50	1.22%	GIVENS RD		82	
TOTAL								74	82	

APRON ENDWALLS FOR CULVERT PIPE REINFORCED CONCRETE - SIDE ROADS

ALL ITEMS CATEGORY 0010

INLET			OUTLET			LOCATION	522.1018	522.1024	522.1030	633.5200	REMARKS
STATION	OFFSET, FT	ELEVATION	STATION	OFFSET, FT	ELEVATION		AEW	AEW	AEW	MARKERS	
							FOR CPRC	FOR CPRC	FOR CPRC	CULVERT END	
							18 - INCH	24 - INCH	30 - INCH		
							EACH	EACH	EACH	EACH	
64+17	N/A	N/A	+	47.0 LT	812.70	OLD 15 WEST			1		COLLAR REQ'D
64+24	N/A	N/A	+	47.0 LT	813.00	OLD 15 WEST			1		COLLAR REQ'D
74+86	26.5 LT	825.31	75+18	27.2 LT	824.48	GIVENS RD	2				
78+02	27.7 RT	822.90	78+15	26.0 RT	822.82	GIVENS RD	2				
78+54	28.2 RT	821.00	78+80	28.2 RT	820.00	GIVENS RD	2				PE
79+45	47.8 RT	816.50	79+45	34.2 LT	815.50	GIVENS RD		2		2	
TOTAL							6	2	2	2	

DRAINAGE ITEM NOTES:

- 1) JOINT TIES FOR CONCRETE PIPE SHALL BE PROVIDED AT ALL CONCRETE APRON ENDWALLS.
APRON ENDWALLS SHALL BE TIED FOR THE LAST THREE JOINTS AT PIPE ENDS.
THE COST OF THESE TIES SHALL BE INCIDENTAL TO THE COST OF THE PIPE.
- 2) STATIONS AND OFFSETS ARE TO THE CENTER OF STRUCTURE OR TO THE END OF PIPE WHERE THERE IS AN ENDWALL.
- 3) PIPE LENGTHS AND SLOPES ARE MEASURED TO THE CENTER OF STRUCTURE.
- 4) RIM ELEVATIONS ARE GIVEN AT THE FLANGE LINE FOR INLET GRATES OR THE CENTER OF THE MANHOLE COVER FOR MANHOLES.
- 5) STRUCTURE DEPTH = RIM ELEVATION - INVERT - CASTING HEIGHT - ADJUSTMENT + PIPE THICKNESS
ADJUSTMENT = 4" TYPICAL (NO ADJUSTMENT FOR INLETS MEDIAN 1 - 4 GRATE)
CASTING HEIGHTS FOR INLET COVERS:
TYPES J AND C = 0.75'
TYPE T = 0.58'
TYPES H AND HM = 0.50'
TYPE MS = 0'

MEDIAN INLET SUMMARY

			611.3901	611.3902	611.0642				
			INLET	INLET					
			MEDIAN	MEDIAN	INLET COVER*				
			1 GRATE	2 GRATE	TYPE MS	RIM/GRATE	DISCHARGE	STRUCTURE	
STATION	OFFSET, FT	LOCATION	EACH	EACH	EACH	ELEVATION	ELEVATION	DEPTH, FT	REMARKS
207+00	25.4 RT	STH 15 WBC	1		1	808.16	804.25	4.12	
256+13	35.9 RT	STH 15 WB	1		1	808.98	804.52	4.67	
262+50	33.3 RT	STH 15 WB	1		1	814.61	810.50	4.32	
271+50	31.3 RT	STH 15 WB		1	2	817.00	813.50	3.71	
TOTAL			3	1	5				

* PROVIDE NO SLOPE INLET COVERS FOR 1G-MS
PROVIDE TWO SLOPE INLET COVERS FOR 2G-MS

ALL ITEMS CATEGORY 0010

STORM SEWER STRUCTURE SUMMARY

				611.0624	611.0627	611.0652	611.3004				
				INL. COVER	INL. COVER	INL. COVER	INLET				
STRUCTURE				TYPE H	TYPE HM	TYPE T	4-FT	RIM/GRATE	DISCHARGE	STRUCTURE	
NUMBER	STATION	LOCATION	OFFSET, FT	EACH	EACH	EACH	EACH	ELEVATION	ELEVATION	DEPTH, FT	REMARKS
20	12+90	RAB CIRC. RDWY	1.7 LT			1	1	816.98	810.97	5.29	
20.1	12+90	RAB CIRC. RDWY	74.7 RT					--	--	--	AEW
20.2	13+00	RAB CIRC. RDWY	1.7 LT			1	1	817.09	811.07	5.30	
20.3	12+56	RAB CIRC. RDWY	21.5 RT	1			1	817.34	811.92	4.78	
20.4	13+31	RAB CIRC. RDWY	31.5 RT	1			1	817.19	812.19	4.36	
21	51+00	OLD 15 EB	1.3 LT	1			1	816.62	811.64	4.34	
21.1	51+00	OLD 15 EB	60.2 RT					--	--	--	AEW
22	52+93	OLD 15 EB	1.8 LT		1		1	817.94	814.00	3.30	
22.1	53+00	OLD 15 EB	44.6 RT					--	--	--	AEW
23	268+92	STH 15 EB	1.8 LT	1			1	818.61	813.61	4.36	
23.1	268+92	STH 15 EB	44.6 RT					--	--	--	AEW
TOTAL				4	1	2	7				

ALL ITEMS CATEGORY 0010

STORM SEWER PIPE SUMMARY

				522.1015	608.0315	633.5200			
				AEW	SSPRC				
				FOR CPRC	CLASS III	MARKERS			
FROM	TO	INLET	DISCHARGE	15 - INCH	15 - INCH	CULVERT END			
STR.	STR.	ELEVATION	ELEVATION	SLOPE	EACH	L.F.	EACH	REMARKS	
20	20.1	810.97	808.00	3.55%	1	84	1		
20.2	20	811.07	810.97	1.03%		10			
20.3	20	811.92	810.97	2.13%		45			
20.4	20.2	812.19	811.07	2.26%		50			
21	21.1	811.64	810.00	2.66%	1	62	1		
22	22.1	814.00	811.00	6.21%	1	48	1		
23	23.1	813.61	803.50	9.57%	1	106	1		
TOTAL					4	405	4		

ALL ITEMS CATEGORY 0010

Conduit Rigid Nonmetallic Schedule 40			
LOCATION		652.0225	652.0235
STH 15 & OLD STH 15 WEST		2-Inch	3-Inch
FROM	TO	LF	LF
CB1	PB1		10
CB1	PB1		10
PB1	LB1	20	
PB1	PB2	110	
PB2	LB2	30	
PB2	PB3	115	
PB3	LB3	30	
PB3	PB4	140	
PB4	LB4	25	
PB4	PB5	90	
PB5	LB5	40	
PB5	PB6	125	
PB6	LB6	35	
PB6	PB7	110	
PB7	LB7	30	
PB7	PB1	105	
TOTAL		1,005	20

Electrical Wire Lighting 10AWG		
LOCATION		
STH 15 & OLD STH 15 WEST		
		655.0615
		Equipment
		Grounding
(240 VOLT SYSTEM)		Conductor
		(Green)
FROM	TO	LF
CB1	LB1	60
LB1	LB2	200
LB2	LB3	215
LB3	LB4	235
LB4	LB5	195
LB5	LB6	240
LB6	LB7	215
LB7	CB1	185
TOTAL		1,545

Electrical Wire Lighting					
LOCATION		10AWG		12AWG	
STH 15 & OLD STH 15 WEST		655.0615		655.0610	
		Ungrounded		Ungrounded	
(240 VOLT SYSTEM)		Conductor		Conductor	
		(see Circuit Color)		(Black)/(Red)	
Circuit	FROM	TO	LF	LF	LF
A (Black)	CB1	LB1	120		
	LB1	Luminaires		100	50
	LB1	LB2	400		
B (Red)	LB2	Luminaires		100	50
	CB1	LB3	630		
	LB3	Luminaires		100	50
	LB3	LB4	470		
	LB4	Luminaires		100	50
C (Blue)	LB4	LB5	390		
	LB5	Luminaires		100	50
	CB1	LB7	370		
	LB7	Luminaire		100	50
	LB7	LB6	430		
	LB6	Luminaires		100	50
	SUB-TOTALS		2,810	700	350
		TOTAL		2,810	1,050

Concrete Bases		
654.0220		
654.0105		Control
Type 5		Cabinet
		NER Type 10
LOCATION	EACH	EACH
STH 15 & OLD STH 15 WEST	7	1

Pull Boxes Non-Conductive	
653.0164	
24x42-Inch	
LOCATION	EACH
STH 15 & OLD STH 15 WEST	7

ALL ITEMS ARE CATEGORY 0010
UNLESS OTHERWISE NOTED

Electric Service	
656.0200	
Meter Breaker Pedestal	
LOCATION	LS
STH 15 & OLD STH 15 WEST	1

Lighting Summary				
657.0255		657.0322	657.0710	659.1120
Transformer Bases		Poles	Luminaire Arms	Luminaires
Breakaway		Type 5	Truss Type	Utility
11 1/2-Inch		(Aluminum)	4 1/2-Inch Clamp	LED-B
Bolt Circle			12-FT	
LOCATION		EACH	EACH	EACH
STH 15 & OLD STH 15 WEST		7	7	7

ALL ITEMS ARE CATEGORY 0010
UNLESS OTHERWISE NOTED

Location	From / To Station	205.0100 Excavation Common (1)		Available Material (5)	205.0200 Excavation Rock (7)	Fill	Mass Ordinate +/- (8)	SPV.0035.02 Roadway Embankment (4)	Remarks:
		Cut (2)	EBS Excavation (3)						
STH 15 STA 256+00 to RAB	256+00/266+50	2,777	0	2,777	0	61,128	-67,521	61,128	
STH 15/CTH T RAB	10+00/14+27.25	18	0	18	0	28,296	-32,523	28,296	
RAB to 275+00	269+00/275+00	688	0	688	0	82,691	-82,004	82,691	
OLD STH 15 WEST	50+00/69+50	11,113	0	11,113	120	11,138	-1,543	11,138	
GIVENS ROAD WEST	78+41.31/79+32.41	59	0	59	0	383	-381	383	
GIVENS ROAD EAST	90+75.06/91+87.87	267	0	267	0	7	259	7	
WEST TEMPORARY CONNECTION	200+00/210+67.01	3,949	0	3,949	0	7,943	-5,186	7,943	
Total		18,870	0	18,870	120	191,586	-188,899	191,586	

Notes:

- (1) Common Excavation is the sum of the Cut and EBS Excavation columns.
- (2) Salvaged/Unsuable Pavement Material is included in Cut.
- (3) EBS Excavation to be backfilled with Select Borrow material.
- (4) Roadway Embankment = Fill - Marsh Excavation
- (5) Available Material = Cut - Salvaged/Unusuable Pavement Material
- (6) See construction detail for limits of excavation and disposal.
- (7) Not included in Cut
- (8) The Mass Ordinate is for informational purposes only as common excavation and roadway embankment are not balanced for quantity purposes and does not guarantee the quality of common excavation, or if it can be reused on site.

TRAFFIC CONTROL DETOUR SIGN SUMMARY

SIGN NO.	LOCATION	SIGN CODE	SIZE W X H	NUMBER IN SERVICE	APPROX. SERVICE PERIOD 60 DAYS	643.0900 SIGNS DAYS	643.0420 BARRICADES TYPE III DAYS	643.0705 WARNING LIGHTS TYPE A DAYS	643.1000 SIGNS FIXED MESSAGE SF	643.1050 SIGNS PORTABLE CHANGEABLE MESSAGE DAYS	NO OF CYCLES	643.0910 COVERING SIGNS TYPE I EACH	643.0920 COVERING SIGNS TYPE II EACH	REMARKS
1	I-41, S. OF CTH A, COVER EXISTING TYPE I SIGN AS SHOWN										1	1		COVER "15" ROUTE MARKER
2	I-41, S. OF CTH A, PLACE NEXT TO TYPE I SIGN ON RIGHT SHOULDER	M 1-6	36"x36"	1	60	60								15
	"	W 20-2A	48"x48"	1	60	60								
3	I-41, S. OF CTH A, PLACE ACROSS FROM SIGN #2 ON MEDIAN SHOULDER	M 1-6	36"x36"	1	60	60								15
	"	W 20-2A	48"x48"	1	60	60								
4	I-41, N. OF STH 15, PLACE 1/2 MILE N. OF STH 15 EXIT ON RIGHT SHOULDER	M 4-5	36"x18"	1	60	60								
	"	M 1-6	36"x36"	1	60	60								15
	"	MO 6-1	30"x30"	1	60	60								AHEAD
5	I-41, N. OF STH 15, PLACE 1/2 MILE N. OF STH 15 EXIT ON MEDIAN SHOULDER	M 4-5	36"x18"	1	60	60								
	"	M 1-6	36"x36"	1	60	60								15
	"	MO 6-1	30"x30"	1	60	60								AHEAD
6	I-41, N. OF STH 15, PLACE 1/4 MILE N. OF STH 15 EXIT ON RIGHT SHOULDER	FMS	126"x54"						47.25					SEE SIGN DETAIL SHEET
7	I-41, N. OF STH 15, PLACE 1/4 MILE N. OF STH 15 EXIT ON MEDIAN SHOULDER	FMS	126"x54"						47.25					SEE SIGN DETAIL SHEET
8	I-41, AT STH 15 EXIT, COVER EXISTING TYPE I SIGN AS SHOWN										1	1		COVER "15" ROUTE MARKER
9	I-41, AT STH 15 EXIT, PLACE NEXT TO TYPE I SIGN ON RIGHT SHOULDER	M 4-5	36"x18"	1	60	60								
	"	M 1-6	36"x36"	1	60	60								15
	"	MO 6-1	30"x30"	1	60	60								AHEAD
10	I-41, AT STH 15 EXIT, PLACE ACROSS FROM SIGN #10 ON MEDIAN SHOULDER	M 4-5	36"x18"	1	60	60								
	"	M 1-6	36"x36"	1	60	60								15
	"	MO 6-1	30"x30"	1	60	60								AHEAD
11	I-41, S. OF STH 15, PLACE 800' S. OF STH 15 OVERPASS STRUCTURE ON RIGHT SHOULDER	M 4-5	36"x18"	1	60	60								
	"	M 1-6	36"x36"	1	60	60								15
	"	MO 6-1	30"x30"	1	60	60								AHEAD
12	I-41, S. OF STH 15, PLACE 800' S. OF STH 15 OVERPASS STRUCTURE ON MEDIAN SHOULDER	M 4-5	36"x18"	1	60	60								
	"	M 1-6	36"x36"	1	60	60								15
	"	MO 6-1	30"x30"	1	60	60								AHEAD
13	CTH 00, W. OF BLUEMOUND DR, PLACE 1000' E. OF I-41 NB ON-RAMP ON RIGHT SHOULDER	M 1-6	24"x24"	1	60	60								15
	"	W 20-2A	48"x48"	1	60	60								
14	CTH 00, W. OF BLUEMOUND DR, PLACE 1000' E. OF I-41 NB ON-RAMP IN MEDIAN	M 1-6	24"x24"	1	60	60								15
	"	W 20-2A	48"x48"	1	60	60								
14A	CTH 00, W. OF BLUEMOUND DR, PLACE 500' E. OF I-41 NB ON-RAMP ON RIGHT SHOULDER	FMS	78"x36"						19.5					SEE SIGN DETAIL SHEET
14B	CTH 00, W. OF BLUEMOUND DR, PLACE ACROSS FROM SIGN #14A IN MEDIAN	FMS	78"x36"						19.5					SEE SIGN DETAIL SHEET
15	CTH 00, W. OF BLUEMOUND DR, PLACE 100' E. OF I-41 NB ON-RAMP ON RIGHT SHOULDER	M 4-5	24"x12"	1	60	60								
	"	M 1-6	24"x24"	1	60	60								15
	"	MO 6-1	21"x21"	1	60	60								AHEAD
16	CTH 00, W. OF BLUEMOUND DR, PLACE 100' E. OF I-41 NB ON-RAMP IN MEDIAN	M 4-5	24"x12"	1	60	60								
	"	M 1-6	24"x24"	1	60	60								15
	"	MO 6-1	21"x21"	1	60	60								AHEAD
17	CTH 00, W. OF I-41 NB ON-RAMP INTERSECTION, MODIFY EXISTING TYPE II SIGN	M 4-5	24"x12"	1	60	60								
	"	MO 5-1R	21"x21"	1	60	60								
18	CTH 00, W. OF I-41 NB ON-RAMP INTERSECTION, PLACE ACROSS FROM SIGN #17 IN MEDIAN	M 4-5	24"x12"	1	60	60								
	"	M 1-6	24"x24"	1	60	60								15
	"	MO 5-1R	21"x21"	1	60	60								
19	STH 15, W. OF I-41, COVER EXISTING TYPE II AS SHOWN										1		1	COVER "NEW LONDON"
20	STH 15, AT I-41 SB ON-RAMP, PLACE AT RAMP TAPER POINT ON RIGHT SHOULDER	M 4-5	24"x12"	1	60	60								
	"	M 1-6	24"x24"	1	60	60								15
	"	MO 6-2	21"x21"	1	60	60								
21	STH 15, AT I-41 SB ON-RAMP, PLACE ACROSS FROM SIGN #20 IN MEDIAN	M 4-5	24"x12"	1	60	60								
	"	M 1-6	24"x24"	1	60	60								15
	"	MO 6-2	21"x21"	1	60	60								
PAGE SUBTOTALS				43		2,580	0	0	133.50	0		2	1	

PLAN SHEET PRODUCED
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TRAFFIC CONTROL DETOUR SIGN SUMMARY

SIGN NO.	LOCATION	SIGN CODE	SIZE W X H	NUMBER IN SERVICE	APPROX. SERVICE PERIOD 60 DAYS	643.0900 SIGNS DAYS	643.0420 BARRICADES TYPE III DAYS	643.0705 WARNING LIGHTS TYPE A DAYS	643.1000 SIGNS FIXED MESSAGE SF	643.1050 SIGNS PORTABLE CHANGEABLE MESSAGE DAYS	NO OF CYCLES	643.0910 COVERING SIGNS TYPE I EACH	643.0920 COVERING SIGNS TYPE II EACH	REMARKS
22	STH 15, W. OF I-41 SB ON-RAMP, PLACE BARRICADE IN MEDIAN	R 11-3	60"X30"	1	60	60	60	120						11 MILES AHEAD
23	STH 15, W. OF I-41 SB ON-RAMP, COVER EXISTING TYPE II SIGN AS SHOWN										1		1	COVER "WEST 15"
24	I-41, AT STH 15/CTH 00 RAMP TAPER, COVER EXISTING TYPE I SIGN AS SHOWN										1	1		COVER "15" ROUTE MARKER
25	I-41 NB OFF-RAMP TO STH 15/CTH 00, COVER EXISTING TYPE II SIGN AS SHOWN										1		1	COVER "WEST 15 TILT LEFT"
26	I-41 NB OFF-RAMP TO STH 15/CTH 00, COVER EXISTING TYPE II SIGN AS SHOWN										1		1	COVER "WEST 15 TILT LEFT"
27	I-41, 1/4 MILE S. OF STH 15/CTH 00 RAMP, COVER EXISTING TYPE I SIGN AS SHOWN										1	1		COVER "15" ROUTE MARKER
28	I-41, N. OF STH 96, PLACE 400' N. OF S-44-13 SIGN CANTILEVER	M 4-5	36"X18"	1	60	60								
	"	M 1-6	36"X36"	1	60	60								
	"	MO 6-1	30"X30"	1	60	60								
29	I-41, S. OF STH 125/CTH CA, PLACE 400' S. OF S-44-9 SIGN CANTILEVER	M 4-5	36"X18"	1	60	60								
	"	M 1-6	36"X36"	1	60	60								
	"	MO 6-1	30"X30"	1	60	60								
30	I-41, N. OF CTH BB, PLACE 500' N. OF S-44-7 SIGN CANTILEVER	M 4-5	36"X18"	1	60	60								
	"	M 1-6	36"X36"	1	60	60								
	"	MO 6-1	30"X30"	1	60	60								
31	I-41, S. OF CTH BB, PLACE 1000' S. OF S-70-36 SIGN CANTILEVER	M 4-5	36"X18"	1	60	60								
	"	M 1-6	36"X36"	1	60	60								
	"	MO 6-1	30"X30"	1	60	60								
32	I-41, S. OF CTH BB, PLACE 500' N. OF S-70-240 SIGN BRIDGE	M 4-5	36"X18"	1	60	60								
	"	M 1-6	36"X36"	1	60	60								
	"	MO 5-2R	30"X30"	1	60	60								
33	I-41, N. OF STH 441/US 10, PLACE IN FRONT OF S-70-259 SIGN BRIDGE RIGHT COLUMN	M 4-5	36"X18"	1	60	60								
	"	M 1-6	36"X36"	1	60	60								
	"	MO 6-2	30"X30"	1	60	60								
34	I-41 OFF-RAMP TO US 10 SPLIT, PLACE IN FRONT OF S-70-204 SIGN BRIDGE RIGHT COLUMN	M 4-5	36"X18"	1	60	60								
	"	M 1-6	36"X36"	1	60	60								
	"	MO 6-2	30"X30"	1	60	60								
35	US 10 OFF-RAMP TO I-41 SPLIT, PLACE IN FRONT OF S-70-201 SIGN BRIDGE LEFT COLUMN	M 4-5	36"X18"	1	60	60								
	"	M 1-6	36"X36"	1	60	60								15
	"	MO 6-2	30"X30"	1	60	60								TILT LEFT
36	US 10, AT OFF-RAMP TO I-41, PLACE IN FRONT OF S-70-200 SIGN BRIDGE RIGHT COLUMN	M 4-5	36"X18"	1	60	60								
	"	M 1-6	36"X36"	1	60	60								15
	"	MO 6-2	30"X30"	1	60	60								TILT RIGHT
37	US 10, AT OFF-RAMP TO CTH CB, PLACE 500' E. OF S-70-251 SIGN BRIDGE	M 4-5	36"X18"	1	60	60								
	"	M 1-6	36"X36"	1	60	60								15
	"	MO 6-1	30"X30"	1	60	60								AHEAD
38	US 10, W. OF COLD SPRINGS RD, PLACE 600' W. OF S-70-200 SIGN BRIDGE	M 4-5	36"X18"	1	60	60								
	"	M 1-6	36"X36"	1	60	60								15
	"	MO 5-2R	30"X30"	1	60	60								
39	US 10, W. OF CTH CB, PLACE 400' W. OF CTH CB RAMP TAPER POINT	M 4-5	36"X18"	1	60	60								
	"	M 1-6	36"X36"	1	60	60								15
	"	MO 6-1	30"X30"	1	60	60								AHEAD
40	US 10, E. OF STH 76, PLACE 400' E. OF STH 76 RAMP TAPER POINT	M 4-5	36"X18"	1	60	60								
	"	M 1-6	36"X36"	1	60	60								15
	"	MO 6-1	30"X30"	1	60	60								AHEAD
41	US 10, W. OF STH 76, PLACE 400' W. OF STH 76 RAMP TAPER POINT	M 4-5	36"X18"	1	60	60								
	"	M 1-6	36"X36"	1	60	60								15
	"	MO 6-1	30"X30"	1	60	60								AHEAD
	PAGE SUBTOTALS			43		2,580	60	120	0	0		2	3	

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TRAFFIC CONTROL DETOUR SIGN SUMMARY

SIGN NO.	LOCATION	SIGN CODE	SIZE W X H	NUMBER IN SERVICE	APPROX. SERVICE PERIOD 60 DAYS	643.0900 SIGNS DAYS	643.0420 BARRICADES TYPE III DAYS	643.0705 WARNING LIGHTS TYPE A DAYS	643.1000 SIGNS FIXED MESSAGE SF	643.1050 SIGNS PORTABLE CHANGEABLE MESSAGE DAYS	NO OF CYCLES	643.0910 COVERING SIGNS TYPE I EACH	643.0920 COVERING SIGNS TYPE II EACH	REMARKS
42	US 10, E. OF US 45 INTERCHANGE, PLACE 1000' E. OF US 45 N/S SPLIT ON RIGHT SHOULDER	M 4-5	36"X18"	1	60	60								
	"	M 1-6	36"X36"	1	60	60								15
	"	MO 5-2R	30"X30"	1	60	60								AHEAD
43	US 10, E. OF US 45 INTERCHANGE, PLACE 1000' E. OF US 45 N/S SPLIT ON MEDIAN SHOULDER	M 4-5	36"X18"	1	60	60								
	"	M 1-6	36"X36"	1	60	60								15
	"	MO 5-2R	30"X30"	1	60	60								AHEAD
44	US 10, AT US 45 INTERCHANGE, PLACE 200' E. OF S-70-41 SIGN BRIDGE ON RIGHT SHOULDER	M 4-5	36"X18"	1	60	60								
	"	M 1-6	36"X36"	1	60	60								15
	"	MO 6-2	30"X30"	1	60	60								TILT RIGHT
45	US 10, AT US 45 INTERCHANGE, PLACE 200' E. OF S-70-41 SIGN BRIDGE ON MEDIAN SHOULDER	M 4-5	36"X18"	1	60	60								
	"	M 1-6	36"X36"	1	60	60								15
	"	MO 6-2	30"X30"	1	60	60								TILT RIGHT
46	US 10, E. OF US 45 INTERCHANGE, PLACE TO RIGHT OF EXISTING J4-1 SIGN	M 4-5	36"X18"	1	60	60								
	"	M 1-6	36"X36"	1	60	60								15
	"	MO 6-1	30"X30"	1	60	60								AHEAD
47	US 10/45, W. OF US 10-US 45 INTERCHANGE SOUTH JUNCTION, PLACE 250' W. OF S-70-44 ON RIGHT SHOULDER	M 4-5	36"X18"	1	60	60								
	"	M 1-6	36"X36"	1	60	60								15
	"	MO 6-2	30"X30"	1	60	60								TILT LEFT
48	US 10/45, W. OF US 10-US 45 INTERCHANGE SOUTH JUNCTION, PLACE 250' W. OF S-70-44 ON MEDIAN SHOULDER	M 4-5	36"X18"	1	60	60								
	"	M 1-6	36"X36"	1	60	60								15
	"	MO 6-2	30"X30"	1	60	60								TILT LEFT
49	US 10/45, W. OF US 10-US 45 INTERCHANGE SOUTH JUNCTION, PLACE TO RIGHT OF EXISTING J4-2 SIGN	M 4-5	36"X18"	1	60	60								
	"	M 1-6	36"X36"	1	60	60								15
	"	MO 6-1	30"X30"	1	60	60								AHEAD
50	US 10/45, W. OF US 10-45 INTERCHANGE SOUTH JUNCTION, PLACE 1000' W. OF S-70-44 ON RIGHT SHOULDER	M 4-5	36"X18"	1	60	60								
	"	M 1-6	36"X36"	1	60	60								15
	"	MO 5-2L	30"X30"	1	60	60								
51	US 10/45, W. OF US 10-45 INTERCHANGE SOUTH JUNCTION, PLACE 1000' W. OF S-70-44 ON MEDIAN SHOULDER	M 4-5	36"X18"	1	60	60								
	"	M 1-6	36"X36"	1	60	60								15
	"	MO 5-2L	30"X30"	1	60	60								
52	US 10/45, E. OF US 10-45 INTERCHANGE NORTH JUNCTION, PLACE 1000' E. OF S-70-42 ON RIGHT SHOULDER	M 4-5	36"X18"	1	60	60								
	"	M 1-6	36"X36"	1	60	60								15
	"	MO 5-2R	30"X30"	1	60	60								
53	US 10/45, E. OF US 10-45 INTERCHANGE NORTH JUNCTION, PLACE 1000' E. OF S-70-42 ON MEDIAN SHOULDER	M 4-5	36"X18"	1	60	60								
	"	M 1-6	36"X36"	1	60	60								15
	"	MO 5-2R	30"X30"	1	60	60								
54	US 10/45, E. OF US 10-45 INTERCHANGE NORTH JUNCTION, PLACE TO RIGHT OF EXISTING J4-2 SIGN	M 4-5	36"X18"	1	60	60								
	"	M 1-6	36"X36"	1	60	60								15
	"	MO 6-1	30"X30"	1	60	60								AHEAD
55	US 10/45, E. OF US 10-45 INTERCHANGE NORTH JUNCTION, PLACE 250' E. OF S-70-42 ON RIGHT SHOULDER	M 4-5	36"X18"	1	60	60								
	"	M 1-6	36"X36"	1	60	60								15
	"	MO 6-2	30"X30"	1	60	60								TILT RIGHT
PAGE SUBTOTALS				42		2,520	0	0	0	0		0	0	

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TRAFFIC CONTROL DETOUR SIGN SUMMARY

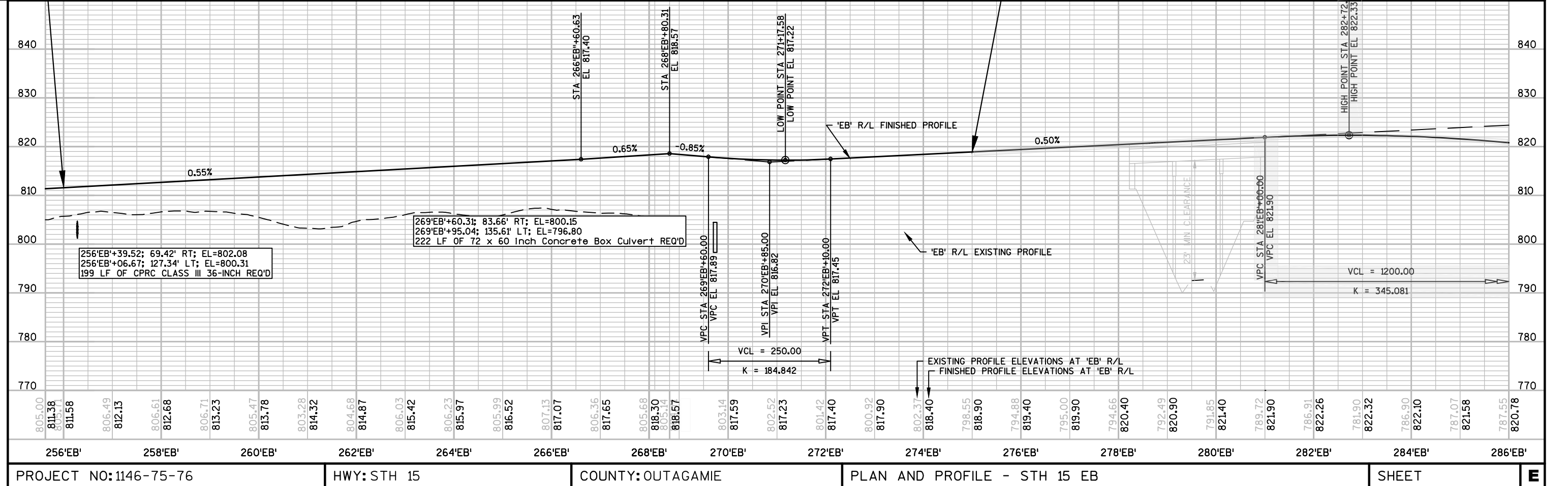
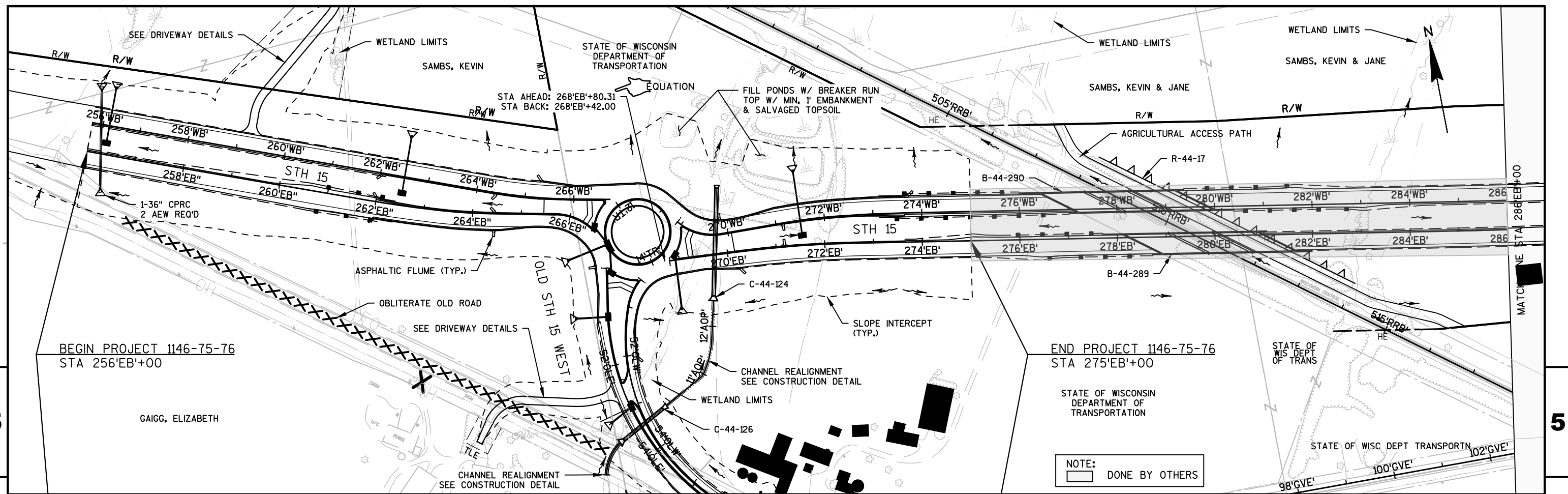
SIGN NO.	LOCATION	SIGN CODE	SIZE W X H	NUMBER IN SERVICE	APPROX. SERVICE PERIOD 60 DAYS	643.0900 SIGNS DAYS	643.0420 BARRICADES TYPE III DAYS	643.0705 WARNING LIGHTS TYPE A DAYS	643.1000 SIGNS FIXED MESSAGE SF	643.1050 SIGNS PORTABLE CHANGEABLE MESSAGE DAYS	NO OF CYCLES	643.0910 COVERING SIGNS TYPE I EACH	643.0920 COVERING SIGNS TYPE II EACH	REMARKS
56	US 10/45, E. OF US 10-45 INTERCHANGE NORTH JUNCTION, PLACE 250' E. OF S-70-42 ON RIGHT SHOULDER	M 4-5	36"x18"	1	60	60								
	"	M 1-6	36"x36"	1	60	60								15
	"	MO 6-2	30"x30"	1	60	60								TILT RIGHT
57	US 45, N. OF US 10-45 INTERCHANGE NORTH JUNCTION, PLACE 500' N. OF US 10 E/W RAMP MERGE	M 4-5	36"x18"	1	60	60								
	"	M 1-6	36"x36"	1	60	60								15
	"	MO 6-1	30"x30"	1	60	60								AHEAD
58	US 45, N. OF US 10-45 INTERCHANGE NORTH JUNCTION, PLACE 250' N. OF S-70-46 ON RIGHT SHOULDER	M 4-5	36"x18"	1	60	60								
	"	M 1-6	36"x36"	1	60	60								15
	"	MO 6-2	30"x30"	1	60	60								TILT LEFT
59	US 45, N. OF US 10-45 INTERCHANGE NORTH JUNCTION, PLACE 250' N. OF S-70-46 ON MEDIAN SHOULDER	M 4-5	36"x18"	1	60	60								
	"	M 1-6	36"x36"	1	60	60								15
	"	MO 6-2	30"x30"	1	60	60								TILT LEFT
60	US 45, N. OF US 10-45 INTERCHANGE NORTH JUNCTION, PLACE 1000' N. OF S-70-46 ON RIGHT SHOULDER	M 4-5	36"x18"	1	60	60								
	"	M 1-6	36"x36"	1	60	60								15
	"	MO 5-2L	30"x30"	1	60	60								
61	US 45, N. OF US 10-45 INTERCHANGE NORTH JUNCTION, PLACE 1000' N. OF S-70-46 ON MEDIAN SHOULDER	M 4-5	36"x18"	1	60	60								
	"	M 1-6	36"x36"	1	60	60								
	"	MO 5-2L	30"x30"	1	60	60								
62	US 45, S. OF CTH W, PLACE 600' S. OF CTH W INTERSECTION	M 4-5	36"x18"	1	60	60								
	"	M 1-6	36"x36"	1	60	60								
	"	MO 6-1	30"x30"	1	60	60								
63	US 45, S. OF STH 96, PLACE 750' S. OF STH 96 INTERSECTION	M 4-5	24"x12"	1	60	60								
	"	M 1-6	24"x24"	1	60	60								
	"	MO 6-1	21"x21"	1	60	60								
64	US 45, N. OF STH 96, PLACE 600' N. OF STH 96 INTERSECTION	M 4-5	24"x12"	1	60	60								
	"	M 1-6	24"x24"	1	60	60								
	"	MO 6-1	21"x21"	1	60	60								
65	US 45, S. OF STH 15 INTERSECTION, MODIFY EXISTING TYPE II SIGN AS SHOWN	MO 4-8A	24"x18"	1	60	60								
66	US 45, S. OF STH 15 INTERSECTION, MODIFY EXISTING TYPE II SIGN AS SHOWN	MO 5-1L	21"x21"	1	60	60					1		1	COVER "EAST 15 ADV RIGHT"
67	US 45, S. OF STH 15, COVER EXISTING TYPE II SIGN AS SHOWN													
68	US 45, S. OF STH 15 INTERSECTION, PLACE TO RIGHT OF EXISTING J4-1 SIGN	M 4-5	36"x18"	1	60	60								
	"	M 1-6	36"x36"	1	60	60								
	"	MO 6-1	30"x30"	1	60	60								
PAGE SUBTOTALS				32		1,920	0	0	0	0		0	1	

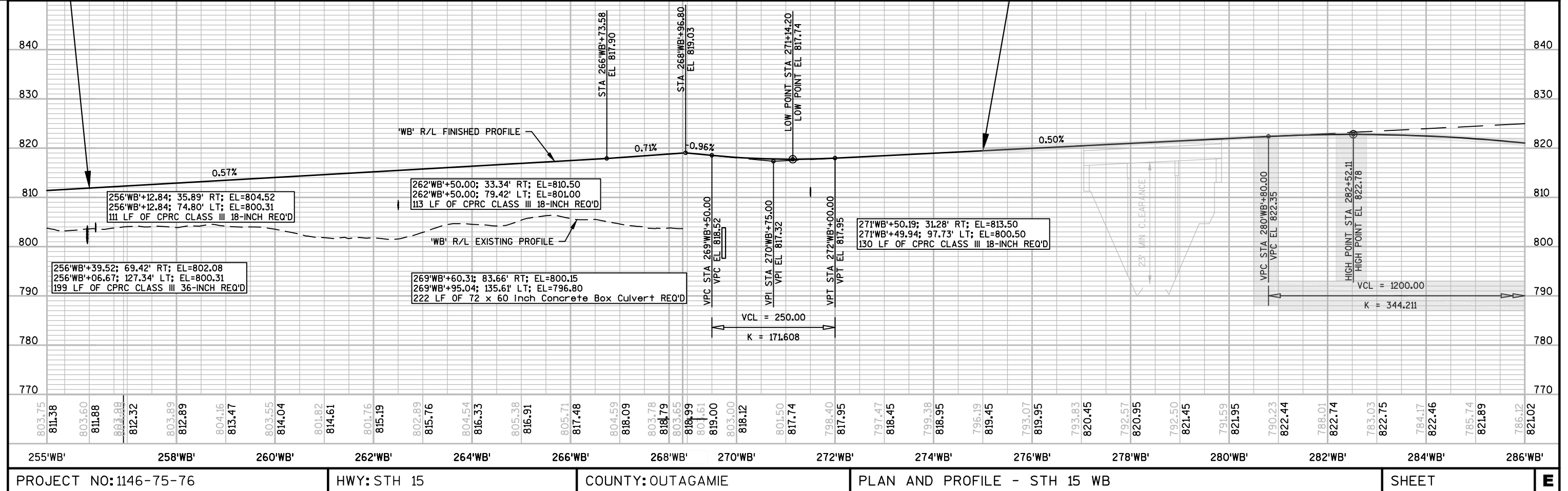
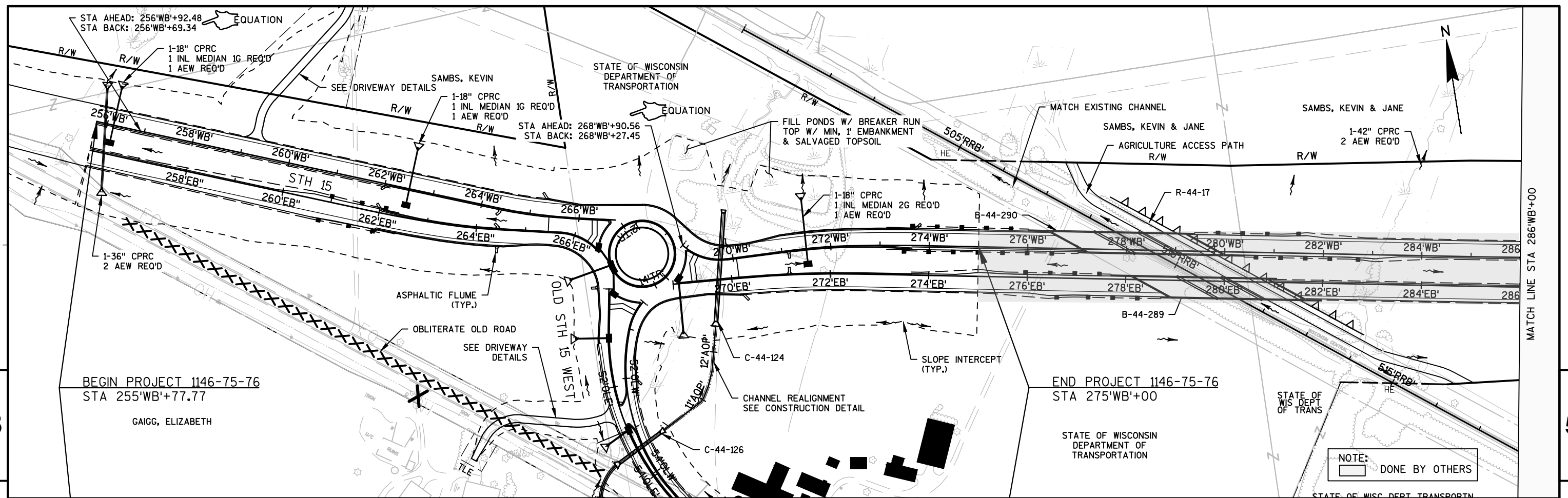
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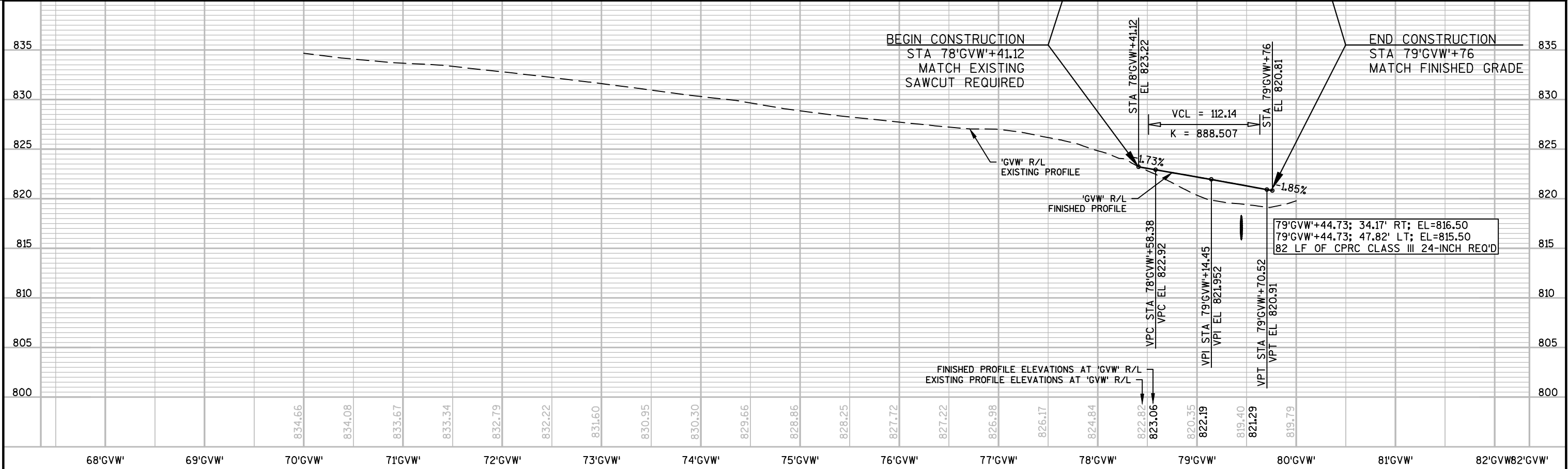
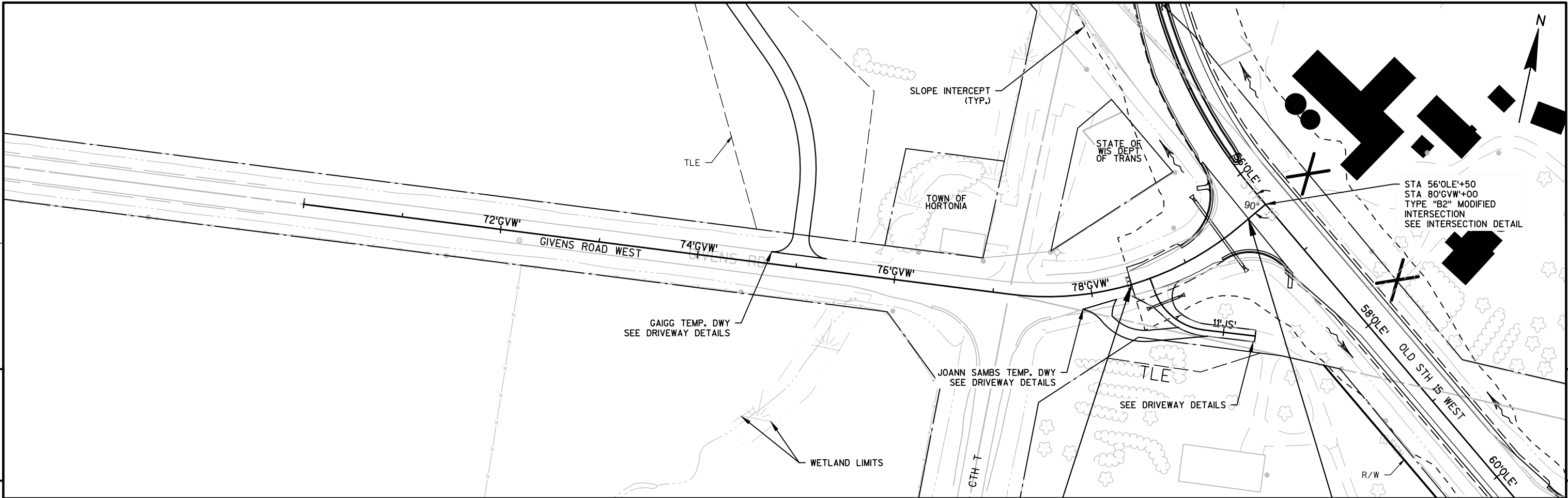
TRAFFIC CONTROL DETOUR SIGN SUMMARY

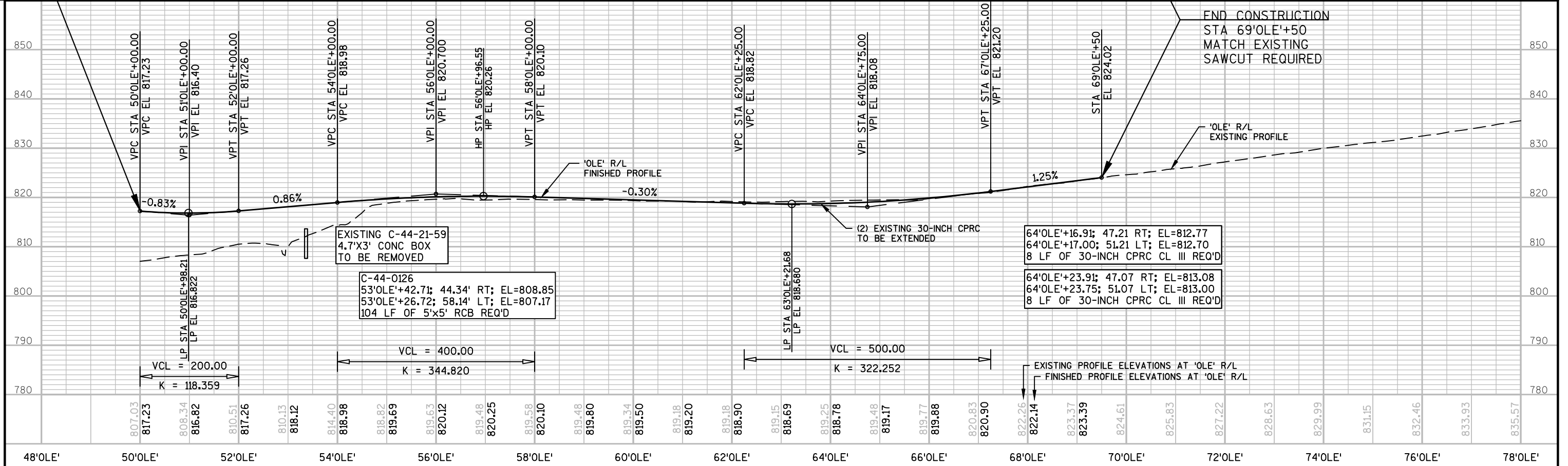
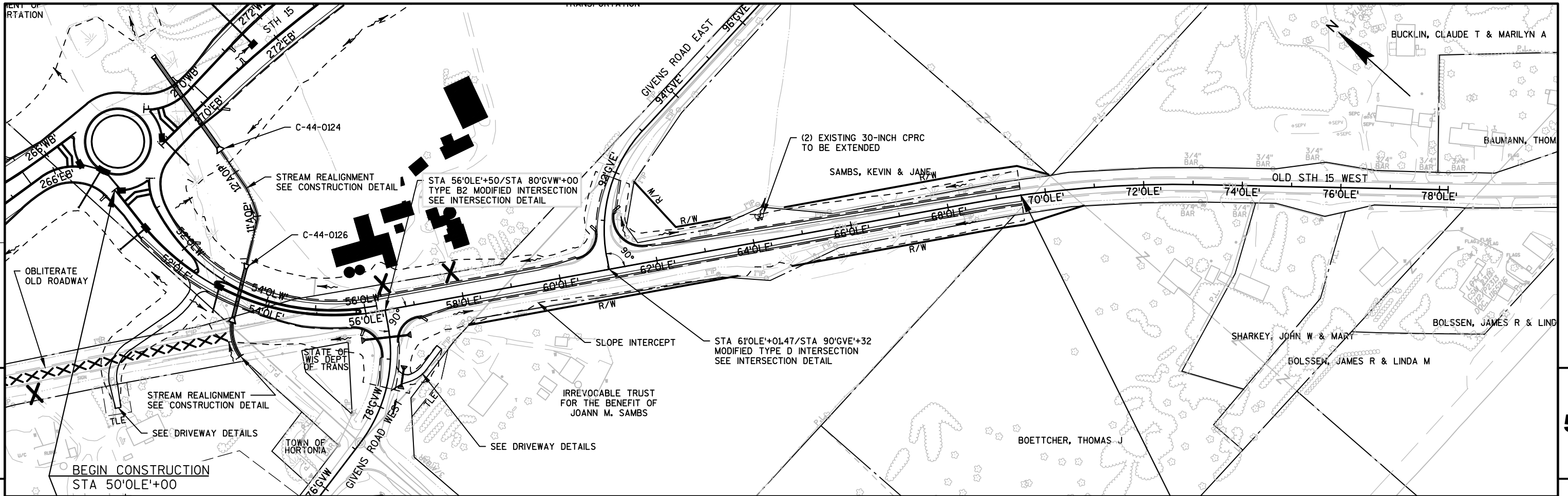
SIGN NO.	LOCATION	SIGN CODE	SIZE W X H	NUMBER IN SERVICE	APPROX. SERVICE PERIOD 60 DAYS	643.0900 SIGNS DAYS	643.0420 BARRICADES TYPE III DAYS	643.0705 WARNING LIGHTS TYPE A DAYS	643.1000 SIGNS FIXED MESSAGE SF	643.1050 SIGNS PORTABLE CHANGEABLE MESSAGE DAYS	NO OF CYCLES	643.0910 COVERING SIGNS TYPE I EACH	643.0920 COVERING SIGNS TYPE II EACH	REMARKS
69	US 45, S. OF STH 15 INTERSECTION, MODIFY EXISTING TYPE II SIGN AS SHOWN	MO 6-1	21"x21"	1	60	60					1		1	COVER "EAST 15 RIGHT"
70	STH 15, AT US 45 INTERSECTION, PLACE IN MIDDLE OF ROADWAY FACING WEST	R 11-3	60"x30"	1	60	60	60	120						
	"	M 4-9R	30"x24"	1	60	60								
71	US 45, AT STH 15 INTERSECTION, PLACE IN LANE AT START OF RIGHT TURN LANE TO STH 15	R 11-2	48"x30"	1	60	60	60	120						
72	CTH T, W. OF BECKERT RD, PLACE TO RIGHT OF EXISTING J1-2 SIGN	M 1-6	24"x24"	1	60	60								
	"	W 20-2A	48"x48"	1	60	60								
73	CTH T, E. OF BECKERT RD, MODIFY EXISTING J2-2 SIGN AS SHOWN	M 4-5	24"x12"	1	60	60								
	"	MO 5-1R	21"x21"	1	60	60								
74	CTH T, W. OF US 45/STH 15 INTERSECTION, COVER EXISTING TYPE II SIGN AS SHOWN										1		1	COVER "HORTONVILLE"
75	CTH T, W. OF US 45/STH 15 INTERSECTION, PLACE TO RIGHT OF EXISTING J3-3 SIGN	M 4-5	24"x12"	1	60	60								
	"	M 1-6	24"x24"	1	60	60								
	"	MO 6-1	21"x21"	1	60	60								
76	US 45, N. OF STH 15, PLACE 1500' N. OF STH 15 INTERSECTION IN MEDIAN	M 1-6	24"x24"	1	60	60								
	"	W 20-2A	48"x48"	1	60	60								
77	US 45, N. OF STH 15, PLACE 1500' N. OF STH 15 INTERSECTION ON RIGHT SHOULDER	M 1-6	24"x24"	1	60	60								
	"	W 20-2A	48"x48"	1	60	60								
78	US 45, N. OF STH 15, MODIFY EXISTING J2-4 SIGN AS SHOWN	M 4-5	24"x12"	1	60	60								
	"	MO 6-1	21"x21"	1	60	60								
	"	MO 6-1	21"x21"	1	60	60								
79	US 45, N. OF STH 15, MODIFY EXISTING J2-1 SIGN AS SHOWN	M 4-5	24"x12"	1	60	60								
	"	MO 6-1	21"x21"	1	60	60								
80	US 45, N. OF STH 15, COVER EXISTING TYPE II AS SHOWN			1	60	60								
81	US 45, AT STH 15 INTERSECTION, MODIFY EXISTING J3-4 SIGN AS SHOWN			1	60	60								
	"			1	60	60								
	"			1	60	60								
82	US 45, N. OF STH 15 INTERSECTION, PLACE PCMS BOARD ON RIGHT SHOULDER/MEDIAN	PCMS								7				
83	STH 15, S. OF RIVER RD, PLACE PCMS BOARD ON RIGHT SHOULDER	PCMS								7				
84	STH 15, E. OF CTH T, PLACE PCMS BOARD ON RIGHT SHOULDER	PCMS								7				
85	STH 15, W. OF CTH M, PLACE IN PARKING LANE IMMEDIATELY W. OF CTH M INTERSECTION	R 11-3	60"x30"	1	60	60	60	120						2.1 MILES AHEAD
86	STH 15, W. OF CTH M, PLACE IN NW QUADRANT OF INTERSECTION ON GRASS	R 11-3	60"x30"	1	60	60	60	120						5.8 MILES AHEAD
PAGE SUBTOTALS				26		1,560	240	480	0	21		0	2	
PROJECT TOTALS				186		11,160	300	600	133.50	21		4	7	

PLAN SHEET PRODUCED
BY WisDOT - NE REGION

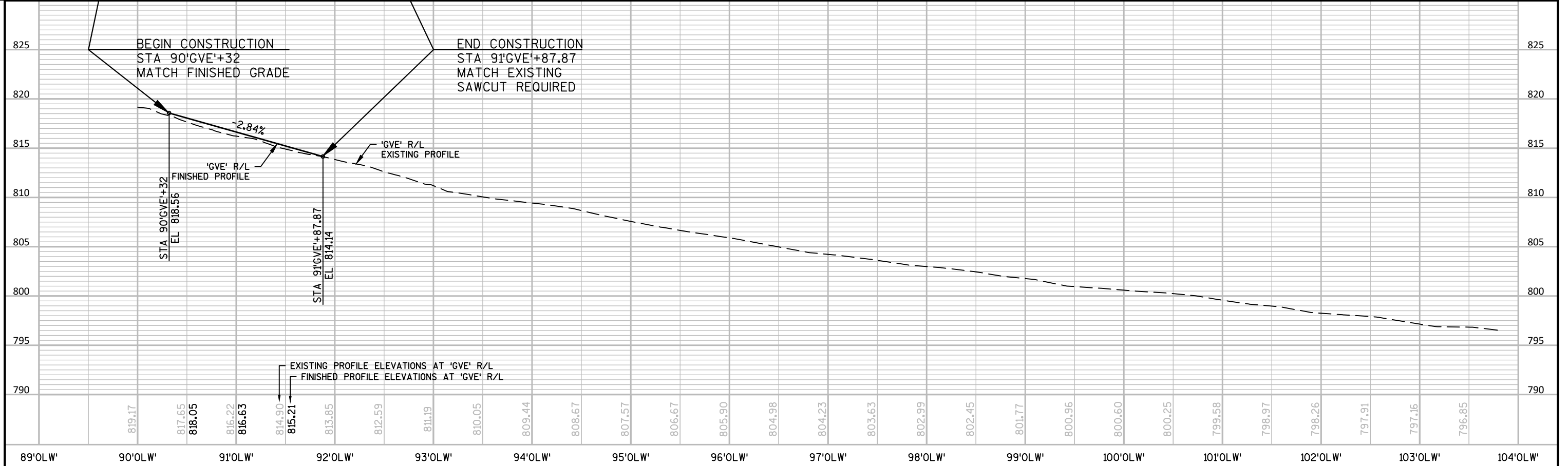
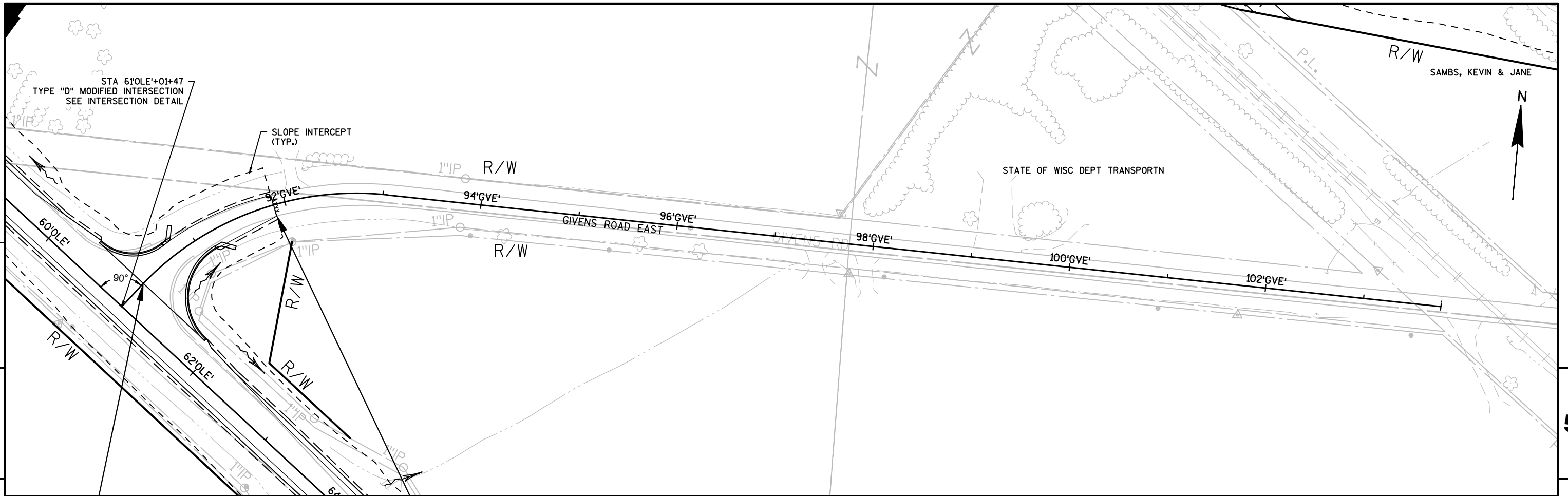




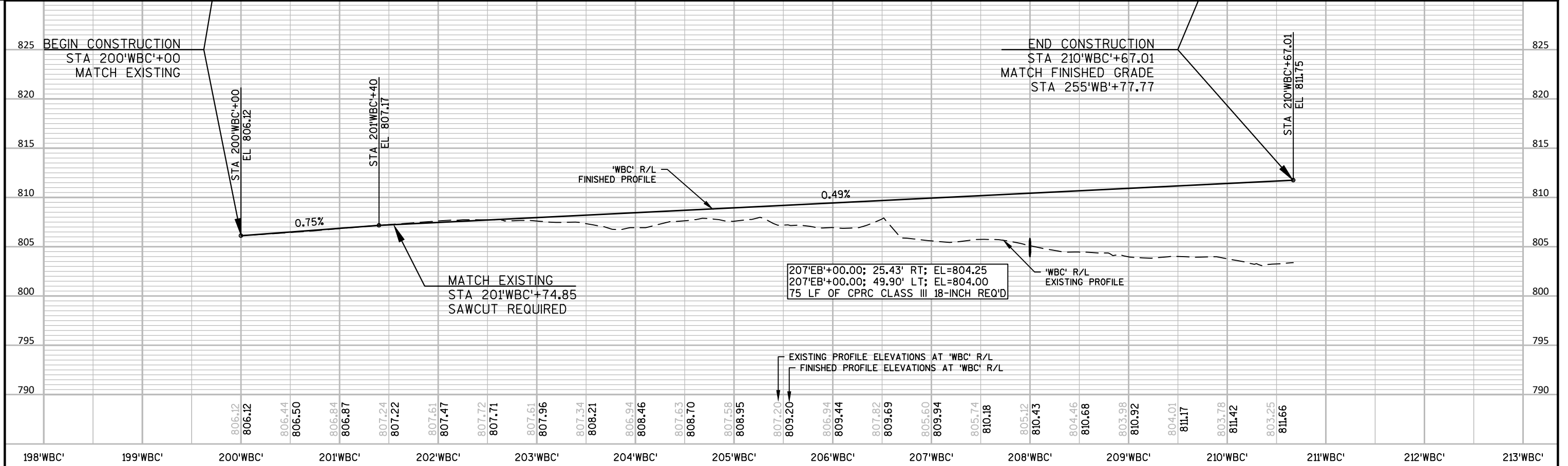
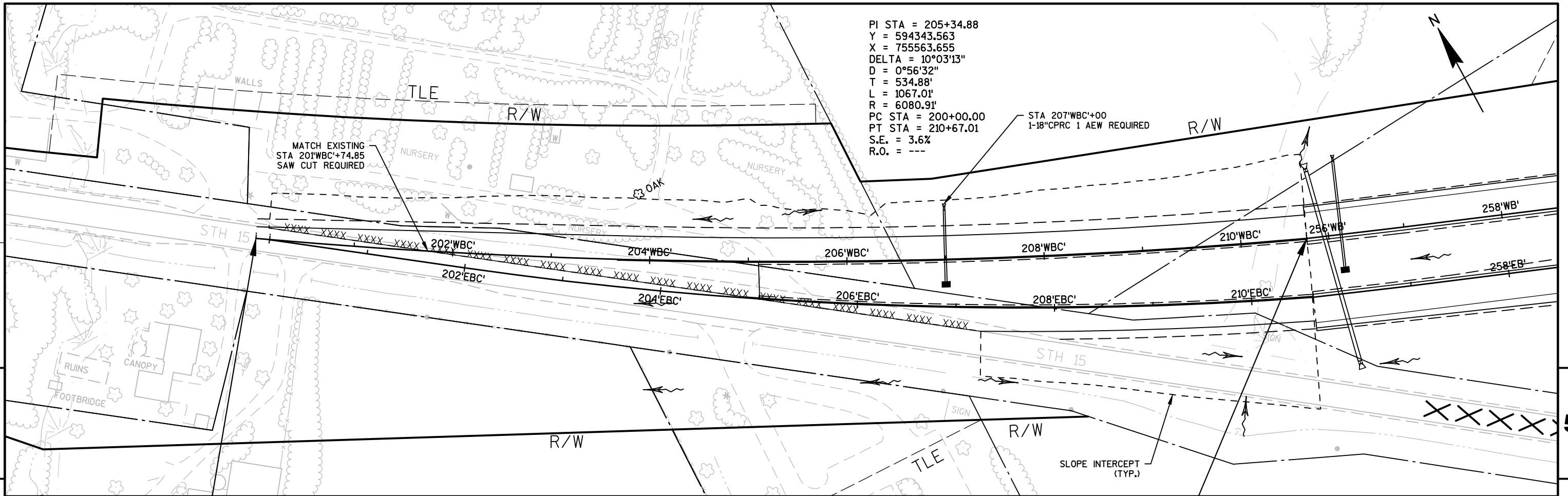




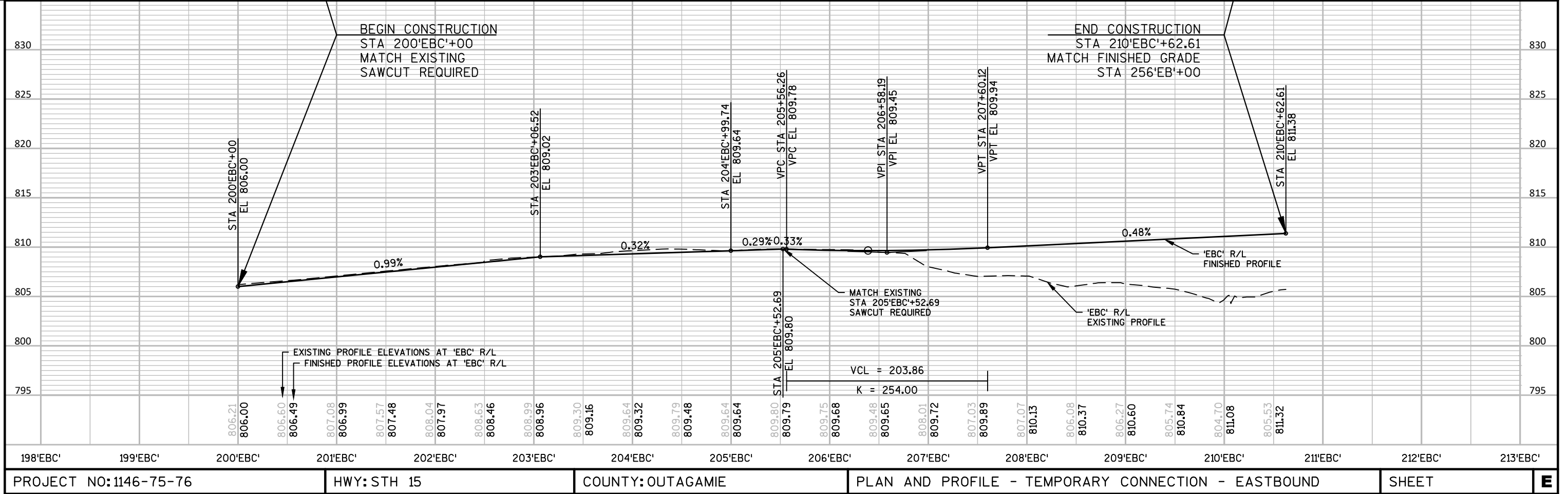
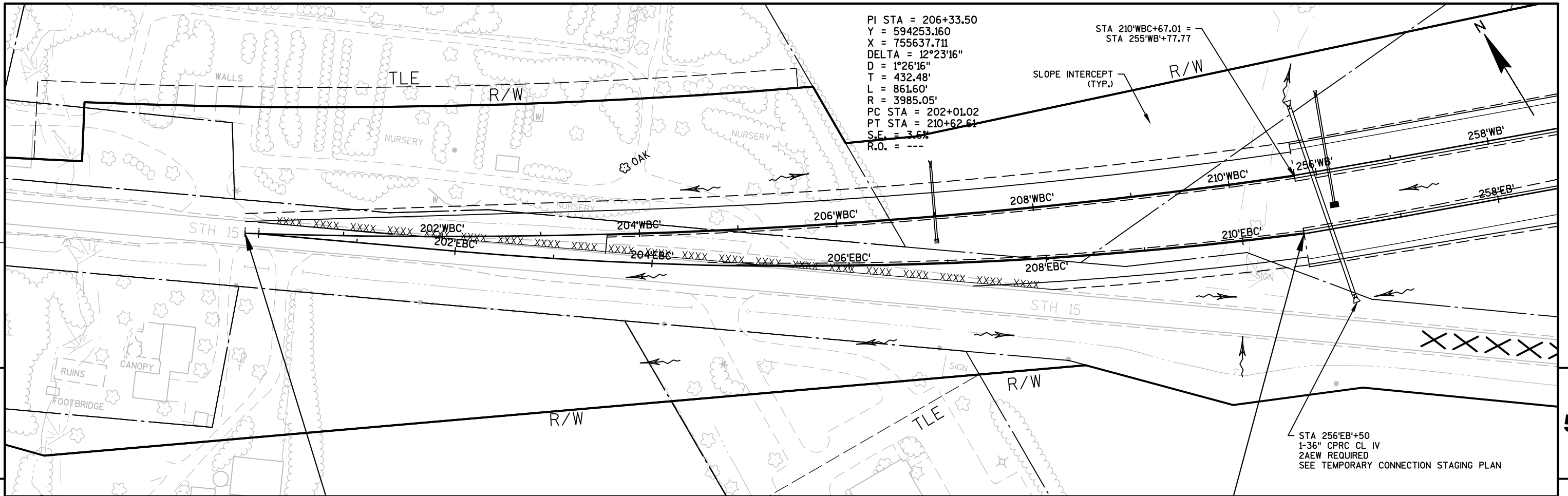
PROJECT NO: 1146-75-76	HWY: STH 15	COUNTY: OUTAGAMIE	PLAN AND PROFILE - OLD STH 15 WEST - EB	SHEET	E
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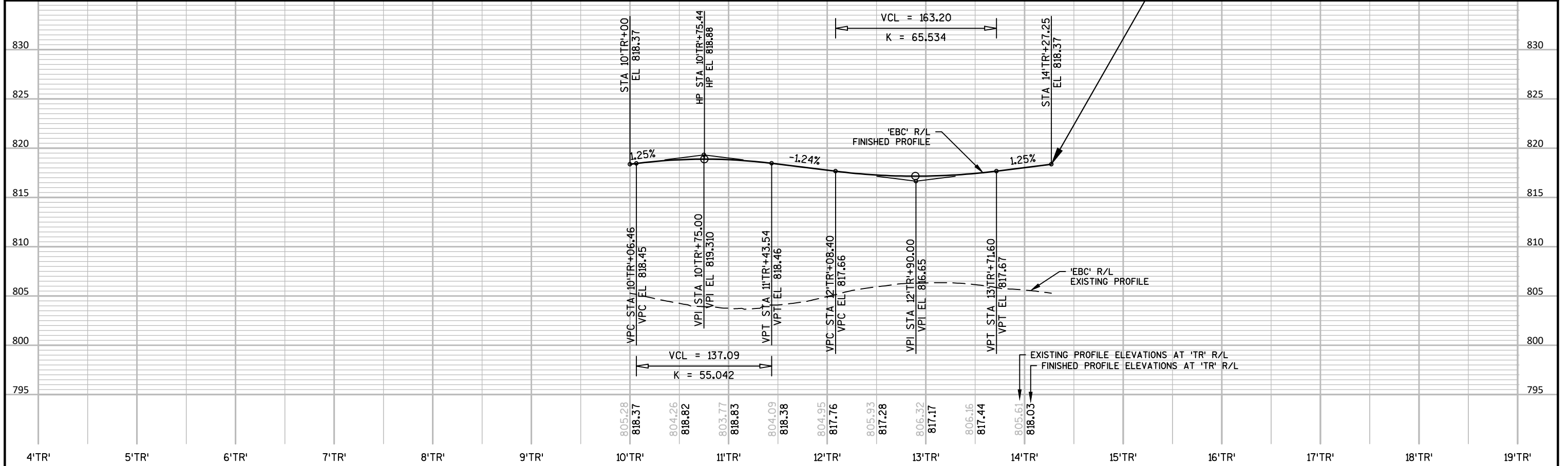
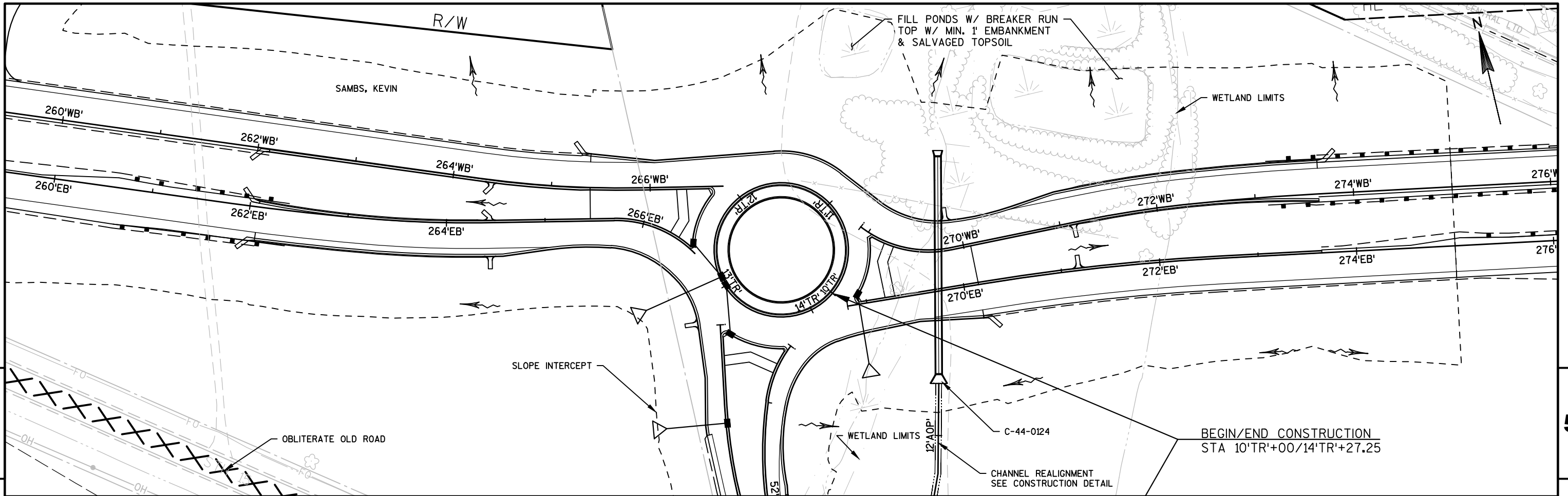


PROJECT NO: 1146-75-76	HWY: STH 15	COUNTY: OUTAGAMIE	PLAN AND PROFILE - GIVENS ROAD EAST	SHEET	5
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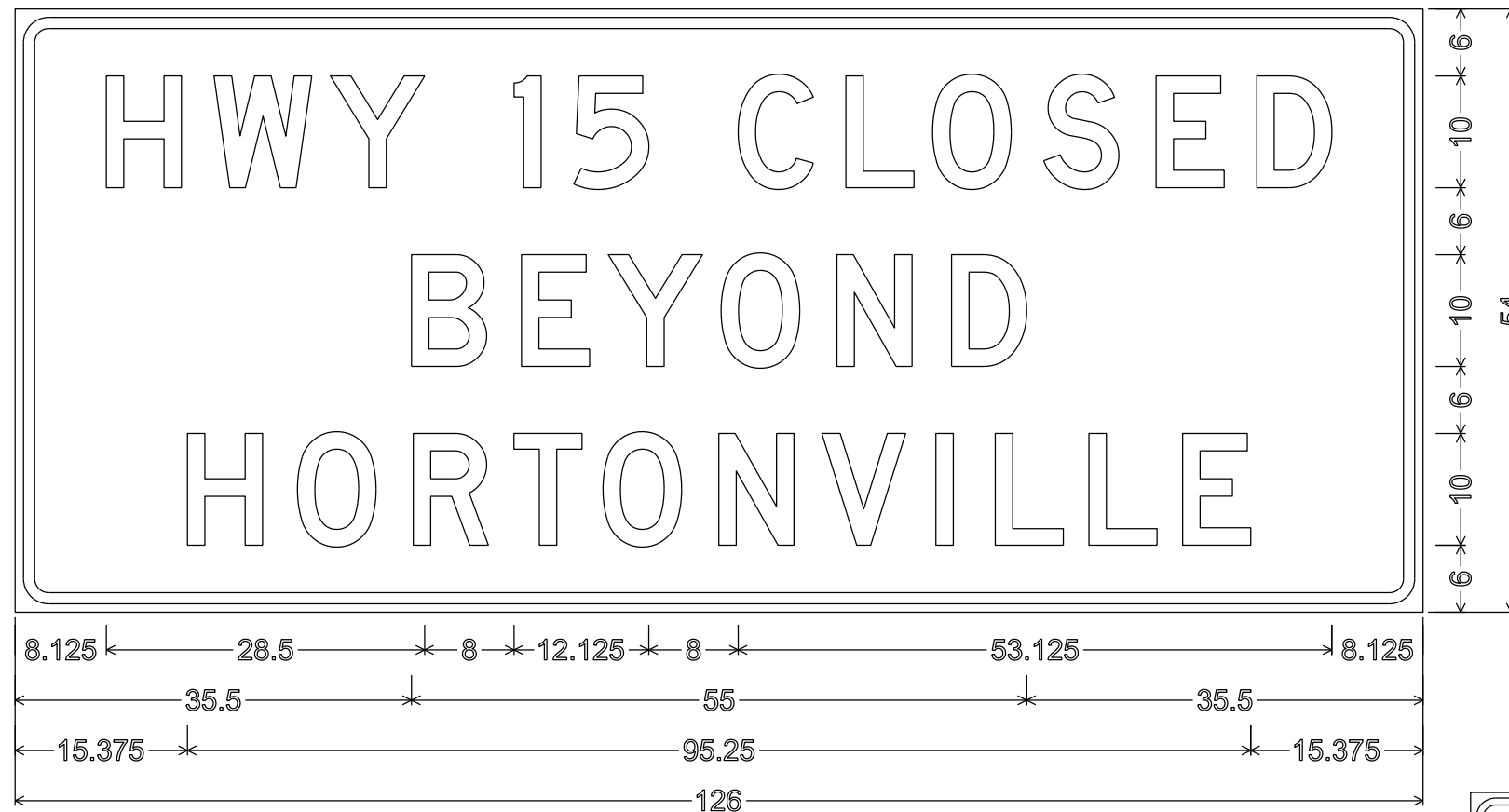
PROJECT NO: 1146-75-76	HWY: STH 15	COUNTY: OUTAGAMIE	PLAN AND PROFILE - TEMPORARY CONNECTION - WESTBOUND	SHEET	E
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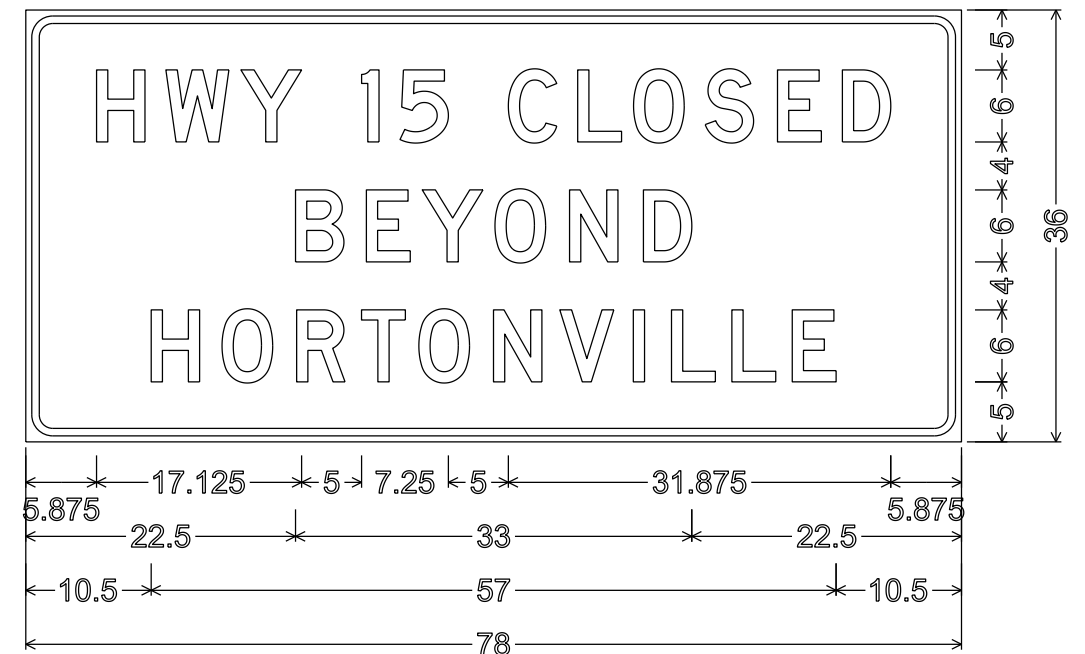


NOTES

1. All Signs Type II - Type F Reflective
2. Color:
Background - Orange
Message - Black
3. Message Series - D



3.000" Radius, 1.000" Border, 0.750" Indent, Black on Fluorescent orange;
"HWY" D; "15" D; "CLOSED" D; "BEYOND" D; "HORTONVILLE" D;



2.250" Radius, 0.625" Border, 0.500" Indent, Black on Fluorescent orange;
"HWY" D; "15" D; "CLOSED" D; "BEYOND" D;
"HORTONVILLE" D;

STH 15 STA 256+00 - RAB

STATION	Real Station	Distance	AREA (SF)			Incremental Vol (CY) (Unadjusted)	
			Cut	Fill	EBS	Cut	Fill
256+00(1)	25600.00	0.00	231.40	975.24	0.00	0	0
256+50(1)	25650.00	50.00	241.52	947.22	0.00	438	1,780
257+00(1)	25700.00	50.00	194.00	1028.22	0.00	403	1,829
257+50(1)	25750.00	50.00	167.36	1104.66	0.00	335	1,975
258+00(1)	25800.00	50.00	165.93	1154.47	0.00	309	2,092
258+50(1)	25850.00	50.00	131.08	1151.47	0.00	275	2,135
259+00(1)	25900.00	50.00	112.61	1230.45	0.00	226	2,205
259+50(1)	25950.00	50.00	121.67	1286.28	0.00	217	2,330
260+00(1)	26000.00	50.00	66.25	1434.84	0.00	174	2,520
260+50(1)	26050.00	50.00	25.31	1816.07	0.00	85	3,010
261+00(1)	26100.00	50.00	9.58	2036.13	0.00	32	3,567
261+50(1)	26150.00	50.00	13.33	2135.84	0.00	21	3,863
262+00(1)	26200.00	50.00	12.37	2151.74	0.00	24	3,970
262+50(1)	26250.00	50.00	18.58	2279.26	0.00	29	4,103
263+00(1)	26300.00	50.00	26.70	2123.64	0.00	42	4,077
263+50(1)	26350.00	50.00	26.46	1883.00	0.00	49	3,710
264+00(1)	26400.00	50.00	21.01	1783.62	0.00	44	3,395
264+50(1)	26450.00	50.00	8.44	1790.42	0.00	27	3,309
265+00(1)	26500.00	50.00	7.21	1618.88	0.00	14	3,157
265+50(1)	26550.00	50.00	9.25	1520.53	0.00	15	2,907
266+00(1)	26600.00	50.00	5.29	1744.46	0.00	13	3,023
266+50(1)	26650.00	50.00	0.00	601.12	0.00	5	2,172
			TOTAL			2,777	61,128

STH 15/ CTH T RAB

STATION	Real Station	Distance	AREA (SF)			Incremental Vol (CY) (Unadjusted)	
			Cut	Fill	EBS	Cut	Fill
10+00	1000.00	0.00	0.00	1590.81	0.00	0	0
10+50	1050.00	50.00	0.00	1415.33	0.00	0	2,783
11+00	1100.00	50.00	7.60	2430.63	0.00	7	3,561
11+50	1150.00	50.00	0.00	2640.14	0.00	7	4,695
12+00	1200.00	50.00	0.00	2314.56	0.00	0	4,588
12+13.63	1213.63	13.63	0.00	1334.33	0.00	0	921
12+50	1250.00	36.37	0.00	1206.67	0.00	0	1,712
13+00	1300.00	50.00	0.00	1624.83	0.00	0	2,622
13+50	1350.00	50.00	0.00	1275.84	0.00	0	2,686
14+00	1400.00	50.00	2.47	1918.35	0.00	2	2,958
14+27.25	1427.25	27.25	0.00	1590.84	0.00	1	1,771
TOTAL						18	28,296

STH 15/ CTH T RAB – WCL RR

STATION	Real Station	Distance	AREA (SF)			Incremental Vol (CY) (Unadjusted)	
			Cut	Fill	EBS	Cut	Fill
269+00	26900.00	0.00	0.00	1069.56	0.00	0	0
269+50	26950.00	50.00	131.85	3395.35	0.00	122	4,134
270+00	27000.00	50.00	93.06	3104.11	0.00	208	6,018
270+18.93	27018.93	18.93	78.49	2814.97	0.00	60	2,075
270+50	27050.00	31.07	54.17	2831.73	0.00	76	3,249
271+00	27100.00	50.00	27.08	3741.10	0.00	75	6,086
271+39.63	27139.63	39.63	15.70	4131.62	0.00	31	5,778
271+50	27150.00	10.37	12.66	4207.89	0.00	5	1,602
272+00	27200.00	50.00	12.41	4275.44	0.00	23	7,855
272+50	27250.00	50.00	5.20	4207.90	0.00	16	7,855
272+60.33	27260.33	10.33	5.00	4223.82	0.00	2	1,613
273+00	27300.00	39.67	3.79	4145.91	0.00	6	6,149
273+50	27350.00	50.00	16.30	3974.81	0.00	19	7,519
274+00	27400.00	50.00	9.18	3787.42	0.00	24	7,187
274+50	27450.00	50.00	4.10	4154.01	0.00	12	7,353
275+00	27500.00	50.00	2.97	4722.53	0.00	7	8,219
TOTAL						688	82,691

OLD STH 15 WEST

STATION	Real Station	Distance	AREA (SF)		Incremental Vol (CY) (Unadjusted)	
			Cut	Fill	Cut	Fill
50+23	5023.00	0.00	0.00	842.10	0	0
50+48	5048.00	25.00	0.00	1208.18	0	949
50+50	5050.00	2.00	0.00	1229.62	0	90
50+82.4	5082.40	32.40	0.00	1248.27	0	1,487
50+96	5096.00	13.60	0.24	1181.58	0	612
51+00	5100.00	4.00	0.08	1164.21	0	174
51+44	5144.00	44.00	0.00	851.29	0	1,642
51+50	5150.00	6.00	0.00	818.04	0	185
51+92	5192.00	42.00	0.08	647.87	0	1,140
52+00	5200.00	8.00	0.01	627.70	0	189
52+50	5250.00	50.00	10.86	537.71	10	1,079
53+00	5300.00	50.00	51.81	506.86	58	967
53+50	5350.00	50.00	149.25	343.54	186	787
53+53.36	5353.36	3.36	157.50	331.61	19	42
54+00	5400.00	46.64	178.63	161.97	290	426
54+50	5450.00	50.00	145.11	64.24	300	209
55+00	5500.00	50.00	140.55	28.69	264	86
55+50	5550.00	50.00	176.42	34.60	293	59
55+76.31	5576.31	26.31	187.24	54.48	177	43
56+00	5600.00	23.69	181.81	11.79	162	29
56+24.31	5624.31	24.31	187.69	22.38	166	15
56+50	5650.00	25.69	223.63	32.49	196	26
56+72.31	5672.31	22.31	158.70	36.58	158	29
57+00	5700.00	27.69	174.50	103.31	171	72
57+20.31	5720.31	20.31	192.20	80.95	138	69
57+50	5750.00	29.69	201.64	101.54	217	100
57+68.31	5768.31	18.31	209.00	101.18	139	69
58+00	5800.00	31.69	194.20	59.53	237	94
58+50	5850.00	50.00	153.42	9.02	322	63
59+00	5900.00	50.00	141.38	26.34	273	33
59+50	5950.00	50.00	144.42	13.19	265	37
60+00	6000.00	50.00	142.70	16.60	266	28
60+50	6050.00	50.00	134.50	13.85	257	28
61+00	6100.00	50.00	206.02	0.00	315	13
61+50	6150.00	50.00	192.98	9.17	369	8
62+00	6200.00	50.00	201.83	5.67	366	14
62+50	6250.00	50.00	206.56	1.60	378	7
63+00	6300.00	50.00	218.63	4.22	394	5
63+50	6350.00	50.00	233.51	9.84	419	13

STATION	Real Station	Distance	AREA (SF)		Incremental Vol (CY) (Unadjusted)	
			Cut	Fill	Cut	Fill
64+00	6400.00	50.00	242.48	10.66	441	19
64+50	6450.00	50.00	229.19	8.54	437	18
65+00	6500.00	50.00	233.58	14.46	428	21
65+50	6550.00	50.00	213.05	14.63	414	27
66+00	6600.00	50.00	198.77	9.20	381	22
66+50	6650.00	50.00	197.54	5.94	367	14
67+00	6700.00	50.00	195.43	0.00	364	6
67+40.45	6740.45	40.45	180.12	1.73	281	1
67+50	6750.00	9.55	178.26	2.57	63	1
67+88.26	6788.26	38.26	169.53	4.61	246	5
68+00	6800.00	11.74	167.49	5.84	73	2
68+36.06	6836.06	36.06	154.56	9.83	215	10
68+50	6850.00	13.94	149.11	10.16	78	5
68+53.59	6853.59	3.59	147.80	10.27	20	1
68+83.87	6883.87	30.28	144.26	13.79	164	13
68+86.26	6886.26	2.39	144.34	14.31	13	1
69+00	6900.00	13.74	143.39	18.02	73	8
69+49.99	6949.99	49.99	126.25	26.44	250	41
TOTAL					11,113	11,138

GIVENS ROAD WEST

STATION	Real Station	Distance	AREA (SF)	Incremental Vol (CY) (Unadjusted)		
			Cut	Fill	Cut	Fill
78+41.13	7841.13	0.00	66.62	8.61	0	0
78+41.58	7841.58	0.45	65.26	8.92	1	0
78+50	7850.00	8.42	44.43	20.74	17	5
79+00	7900.00	50.00	0.00	128.86	41	139
79+32.41	7932.41	32.41	0.00	270.94	0	240
			TOTAL		59	383

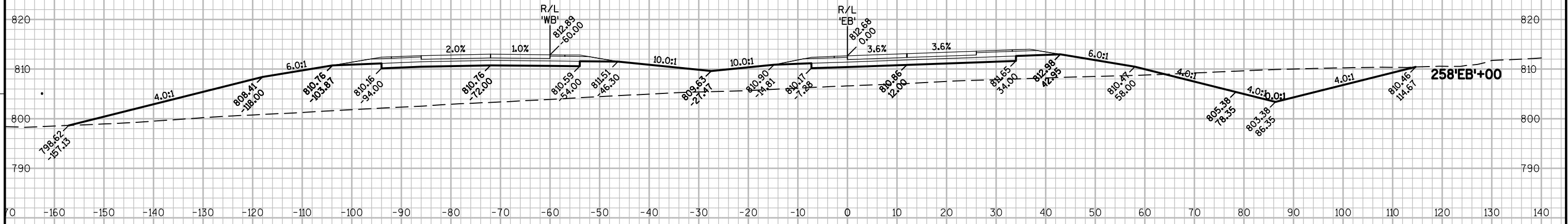
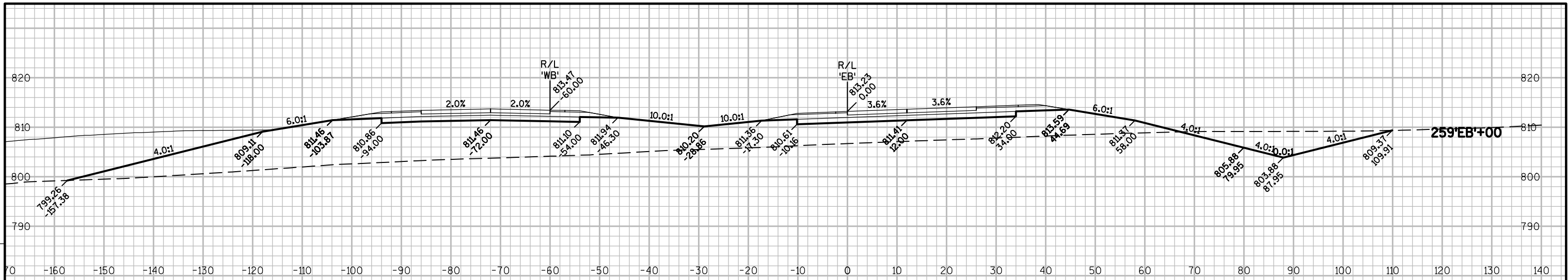
GIVENS ROAD EAST

STATION	Real Station	Distance	AREA (SF)	Incremental Vol (CY) (Unadjusted)		
			Cut	Fill	Cut	Fill
90+75.06	9075.06	0.00	25.67	0.00	0	0
91+00	9100.00	24.94	74.02	4.25	46	2
91+50	9150.00	50.00	63.47	0.64	127	5
91+65.29	9165.29	15.29	64.48	0.09	36	0
91+87.87	9187.87	22.58	72.02	0.00	57	0
			TOTAL		267	7

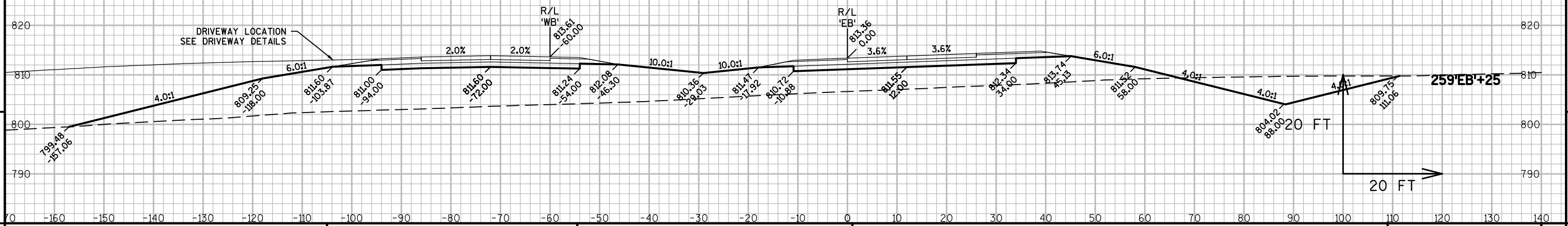
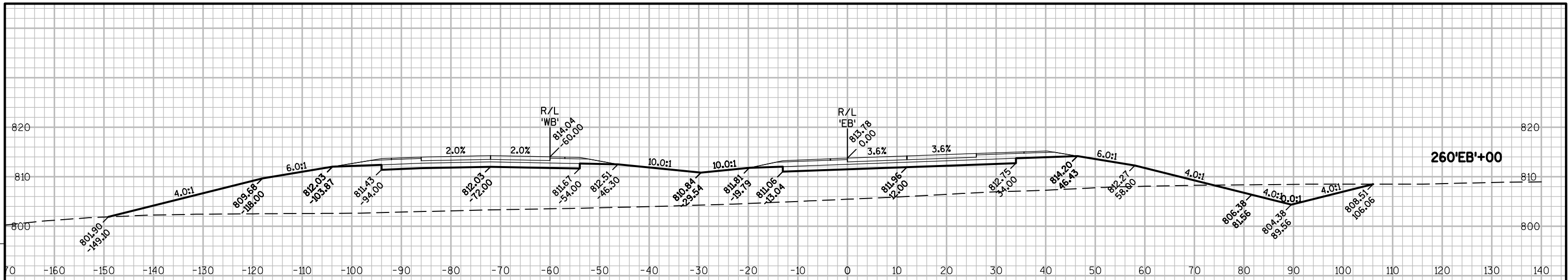
WEST TEMPORARY CONNECTION

STATION	Real Station	Distance	AREA (SF)		Incremental Vol (CY) (Unadjusted)	
			Cut	Fill	Cut	Fill
200+00	20000.00	0.00	0.00	0.00	0	0
200+12.37	20012.37	12.37	38.76	0.16	9	0
200+20.33	20020.33	7.96	36.71	0.92	11	0
200+50	20050.00	29.67	38.47	1.51	41	1
201+00	20100.00	50.00	39.75	4.15	72	5
201+50	20150.00	50.00	43.26	2.71	77	6
202+00	20200.00	50.00	73.37	0.00	108	3
202+50	20250.00	50.00	103.68	0.00	164	0
203+00	20300.00	50.00	120.22	0.00	207	0
203+50	20350.00	50.00	129.67	0.00	231	0
204+00	20400.00	50.00	141.50	0.00	251	0
204+50	20450.00	50.00	138.49	0.00	259	0
205+00	20500.00	50.00	155.11	0.00	272	0
205+33.51	20533.51	33.51	125.60	22.85	174	14
205+50	20550.00	16.49	105.63	32.18	71	17
206+00	20600.00	50.00	82.43	44.23	174	71
206+50	20650.00	50.00	79.93	65.93	150	102
207+00	20700.00	50.00	55.44	194.46	125	241
207+50	20750.00	50.00	54.30	240.63	102	403
208+00	20800.00	50.00	61.25	355.89	107	552
208+50	20850.00	50.00	75.81	500.35	127	793
209+00	20900.00	50.00	111.04	598.44	173	1,017
209+50	20950.00	50.00	147.44	699.73	239	1,202
210+00	21000.00	50.00	194.20	840.19	316	1,426
210+46.68	21046.68	46.68	228.47	983.08	365	1,576
210+50	21050.00	3.32	229.87	983.36	28	121
210+54.64	21054.64	4.64	231.86	976.79	40	168
210+67.01	21067.01	12.37	0.00	0.00	53	224

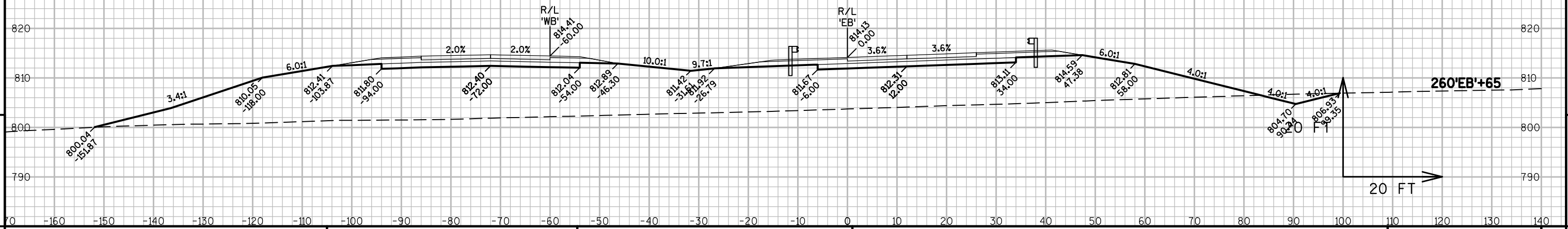
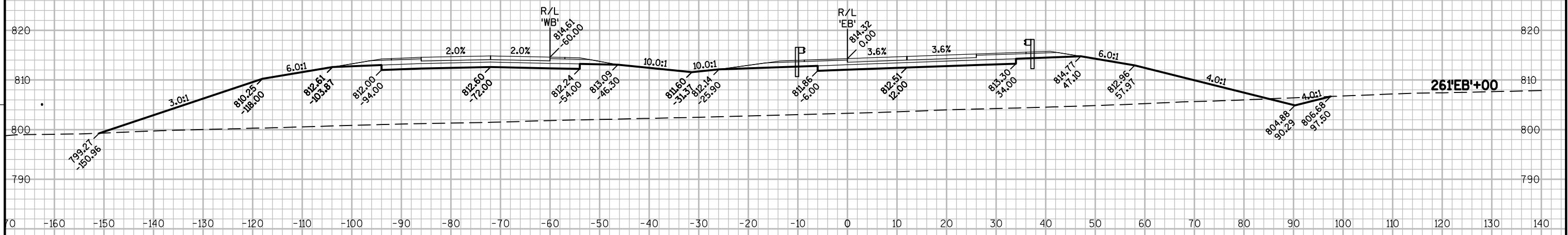
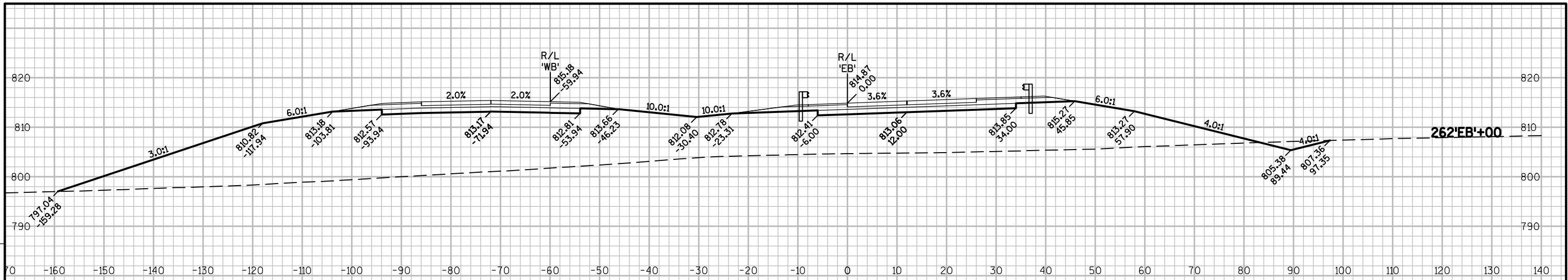
TOTAL 3,949 7,943



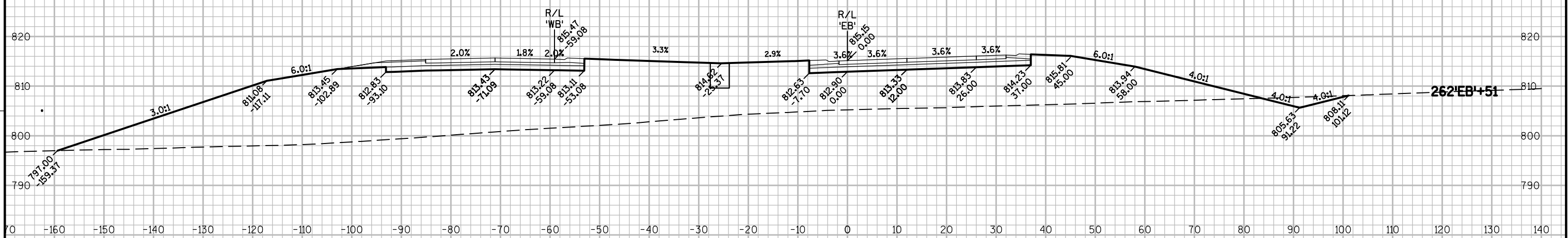
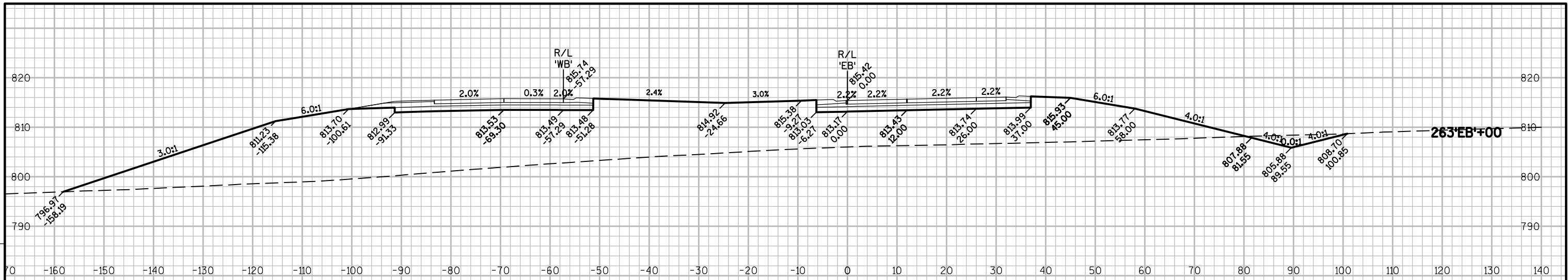
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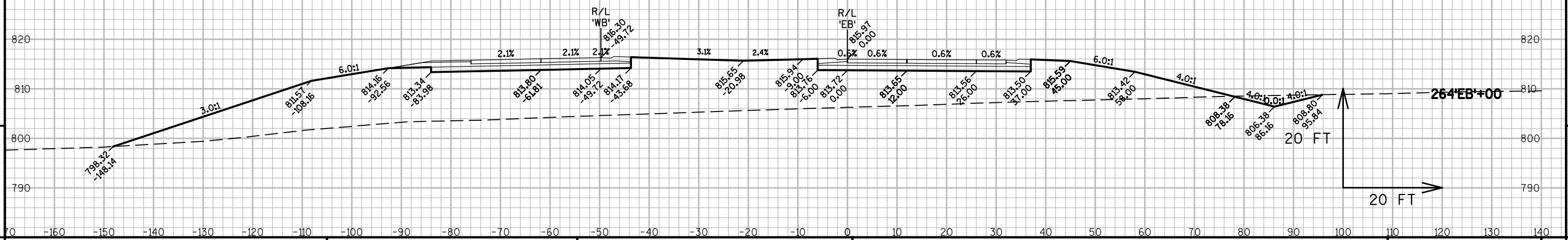
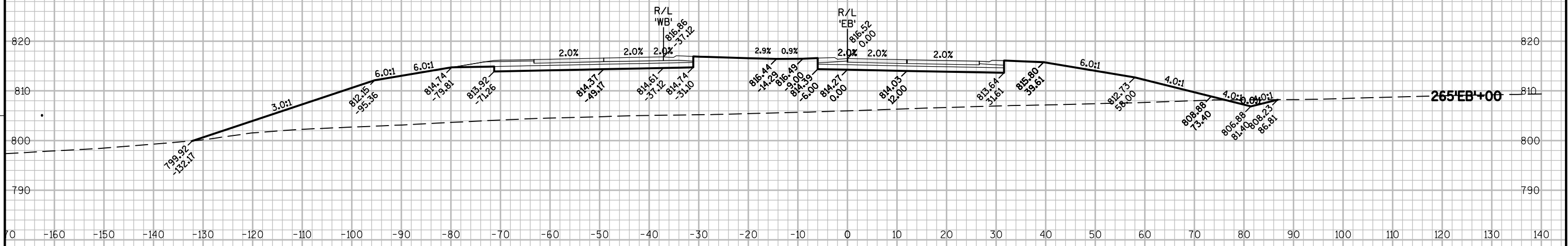
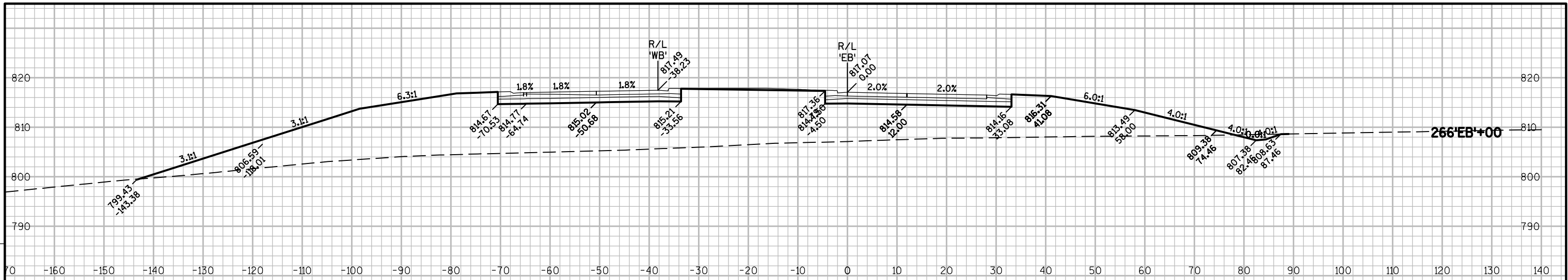


PROJECT NO: 1146-75-76	HWY: STH 15	COUNTY: OUTAGAMIE	CROSS SECTIONS - STH 15 'EB'	SHEET	E
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PROJECT NO: 1146-75-76	HWY: STH 15	COUNTY: OUTAGAMIE	CROSS SECTIONS - STH 15 'EB'	SHEET	E
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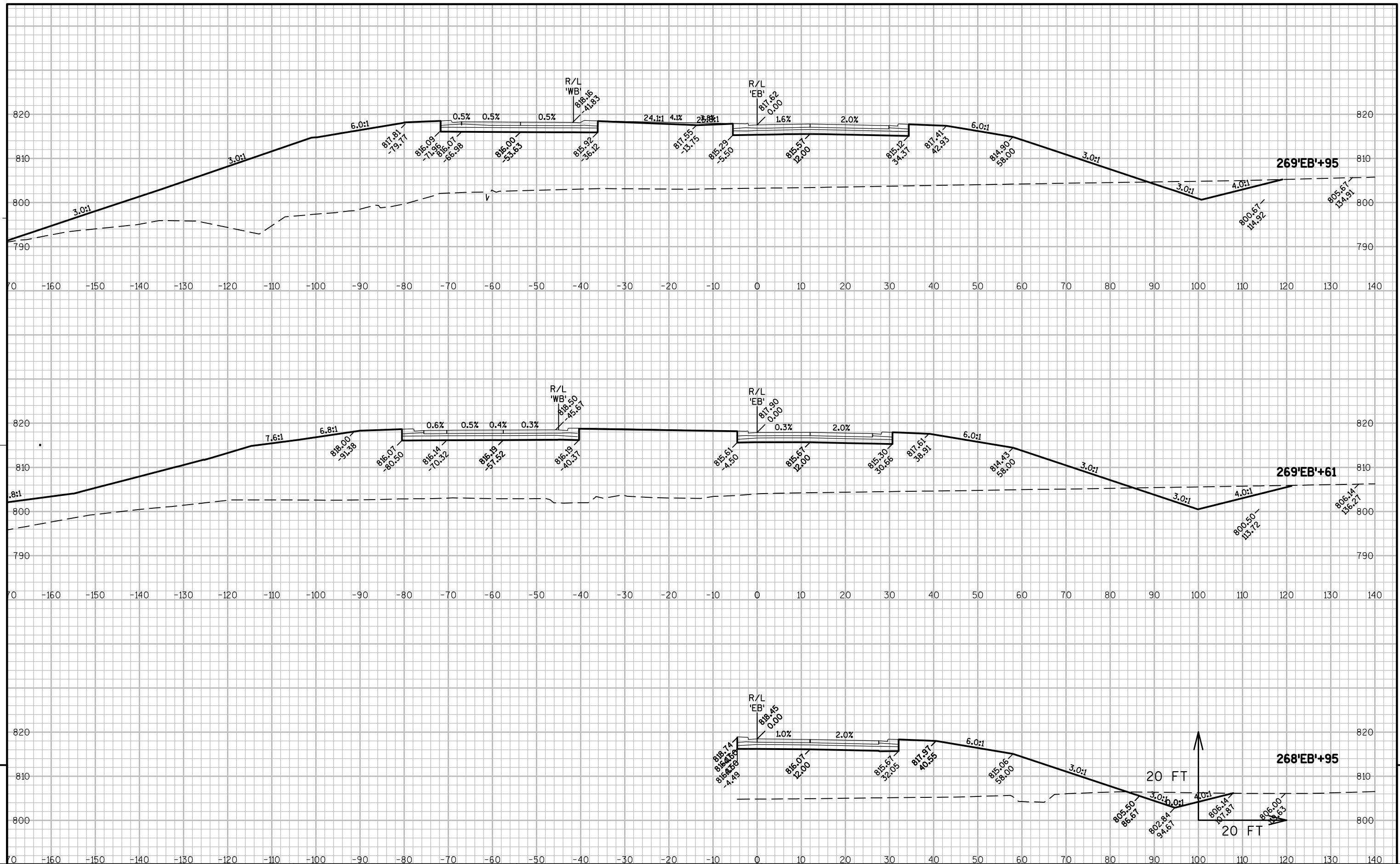


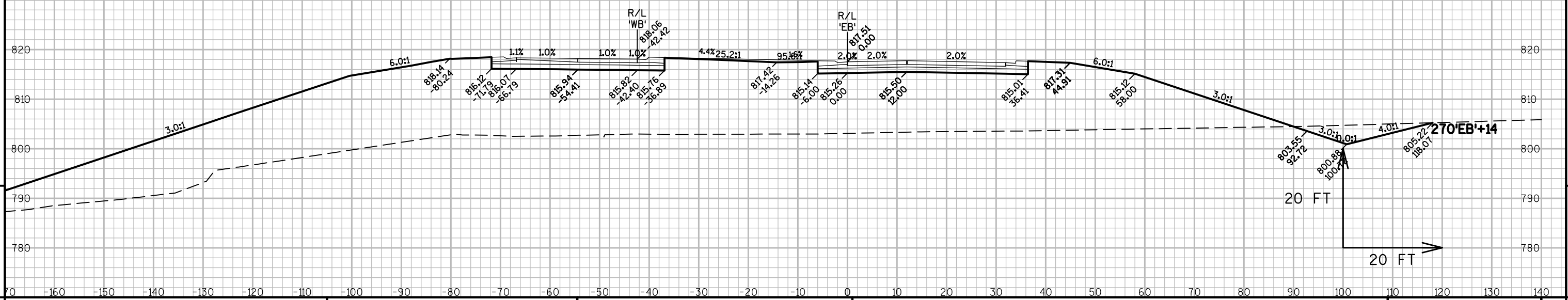
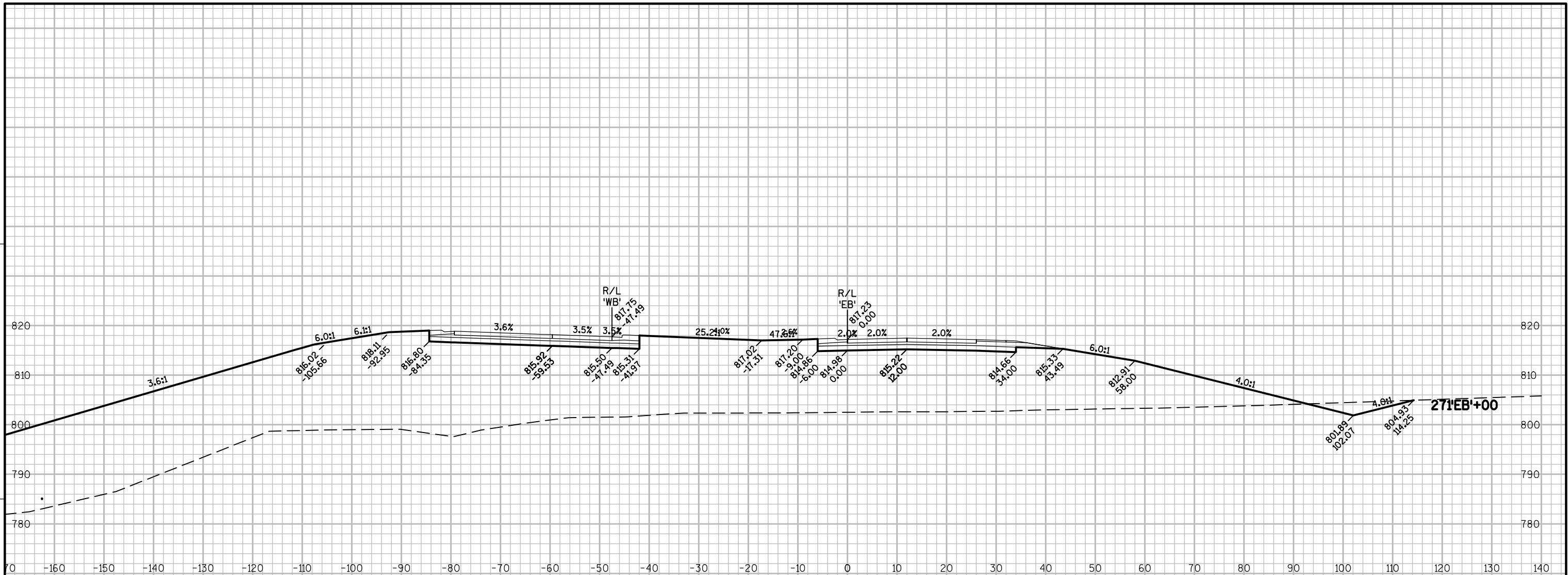
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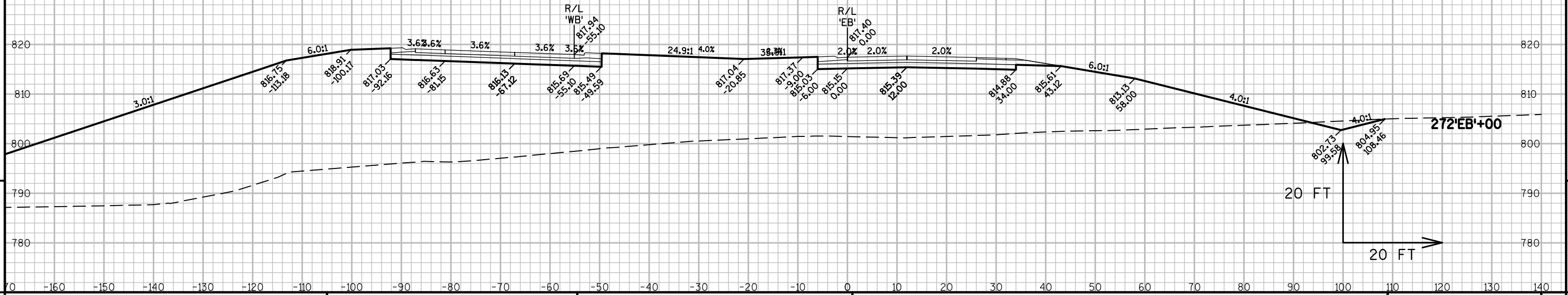
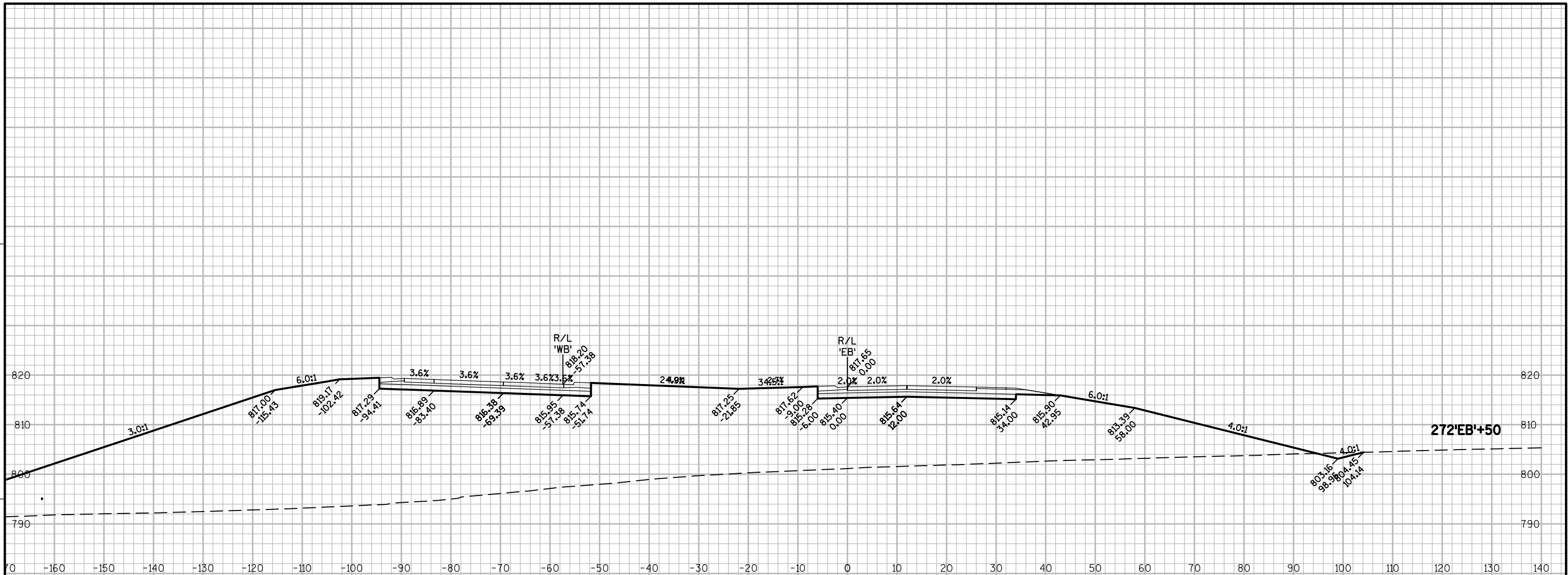
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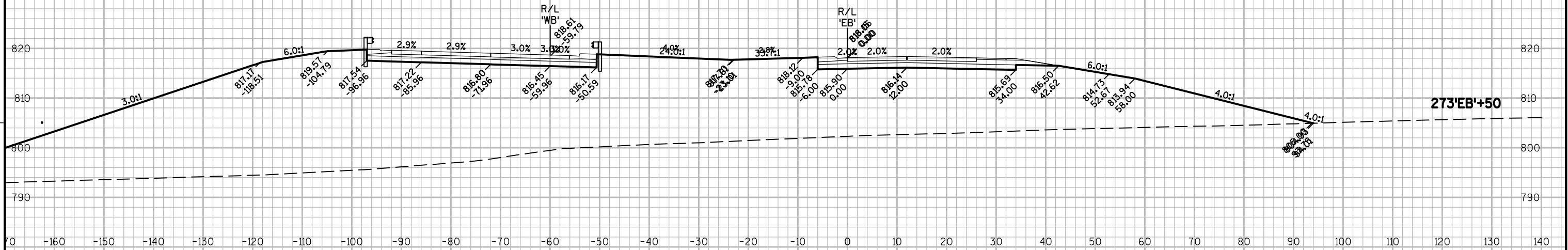
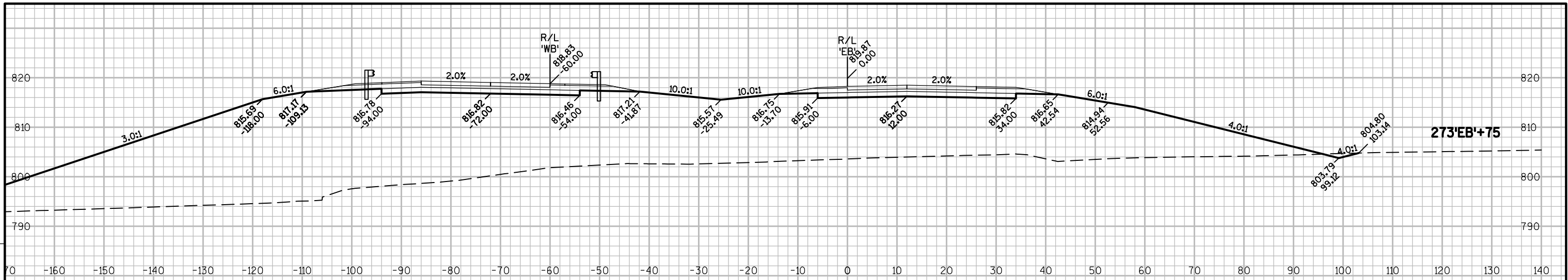


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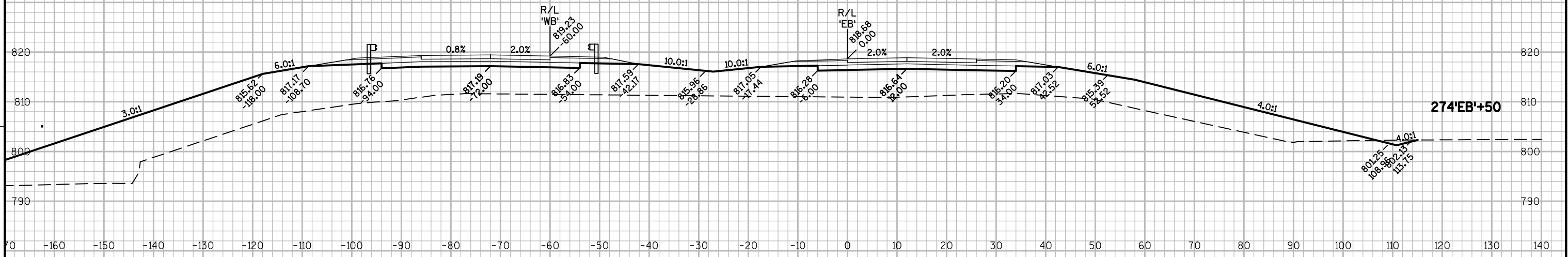
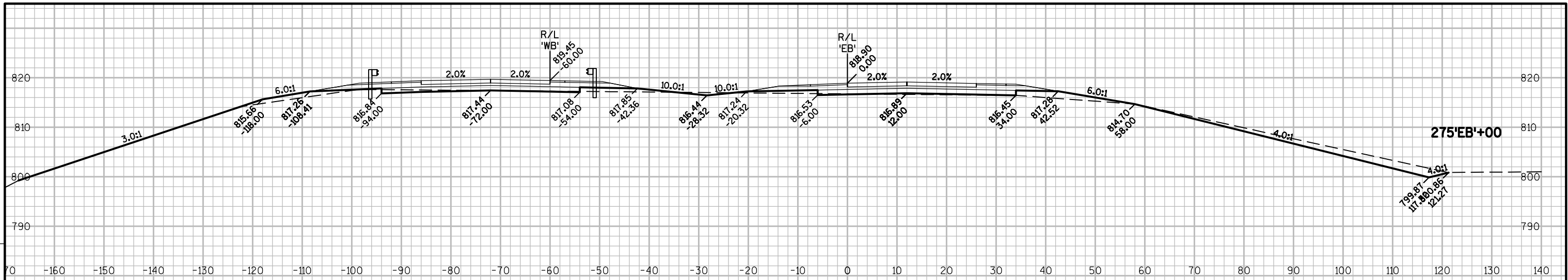


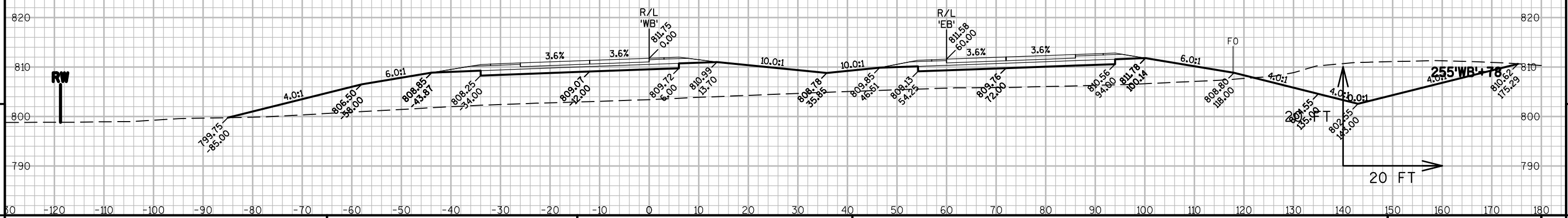
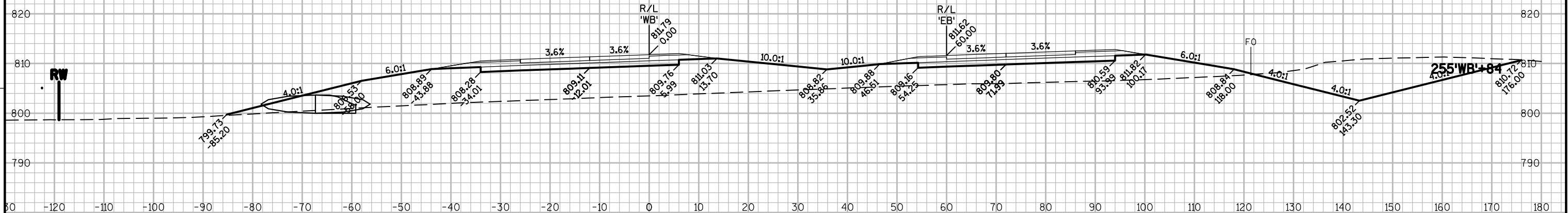
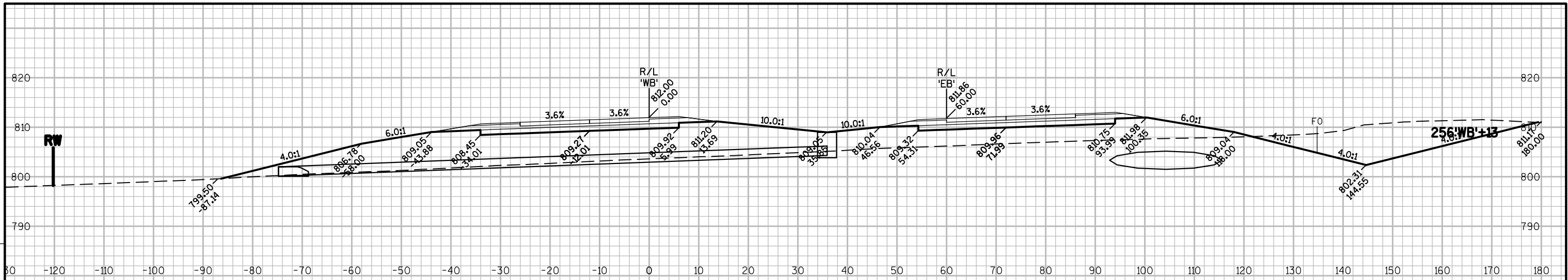


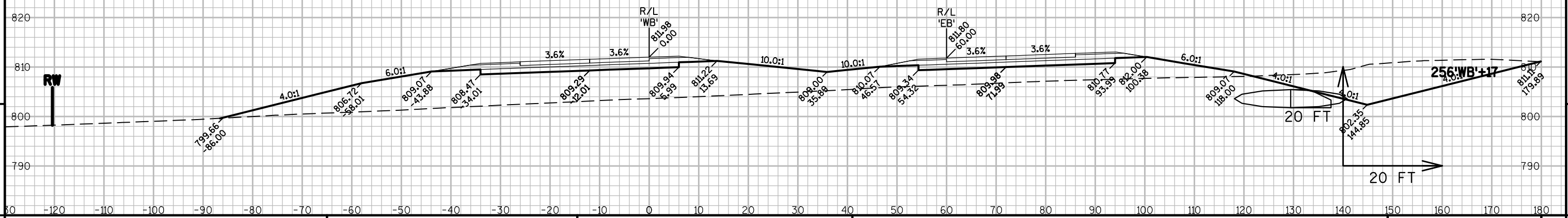
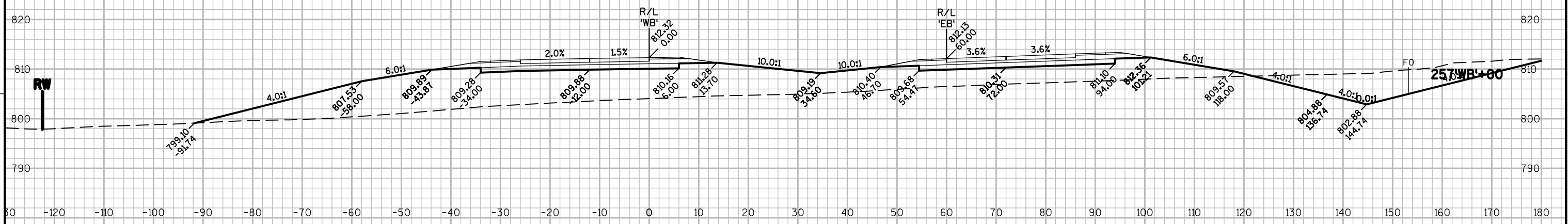
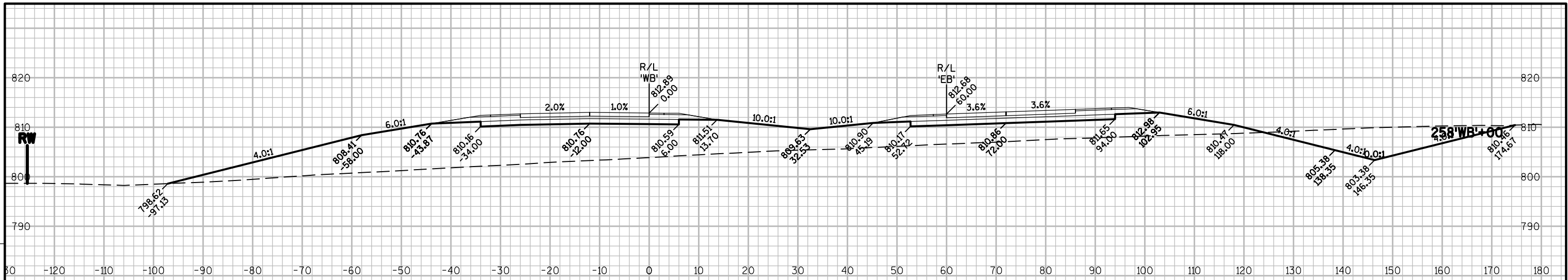




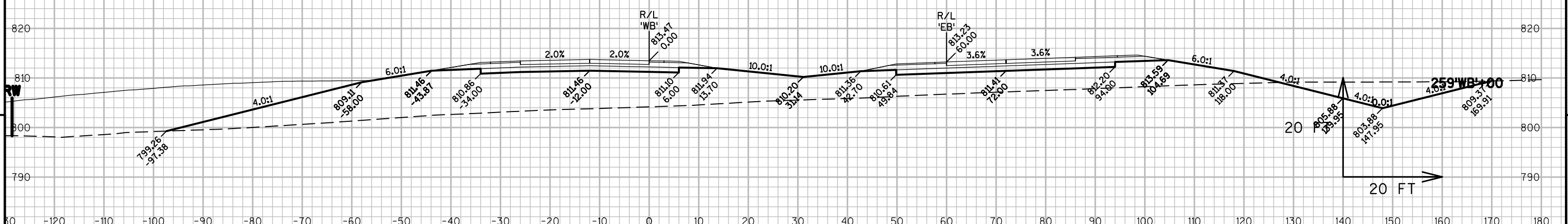
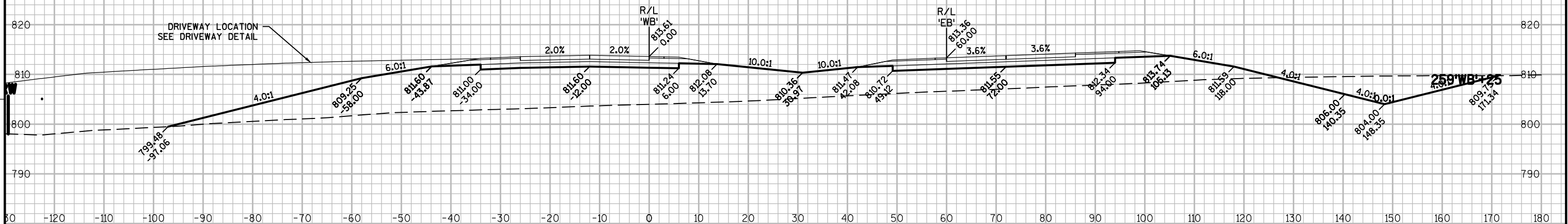
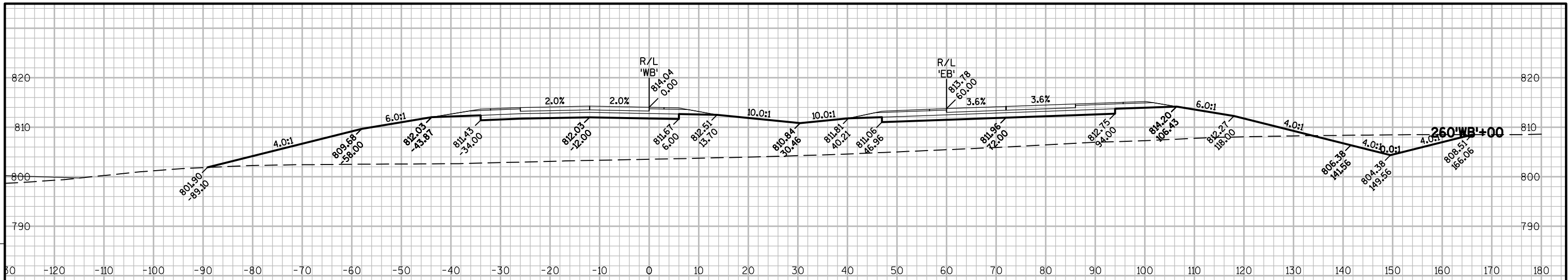
PROJECT NO:1146-75-76	HWY: STH 15	COUNTY: OUTAGAMIE	CROSS SECTIONS - STH 15 'EB'	SHEET	E
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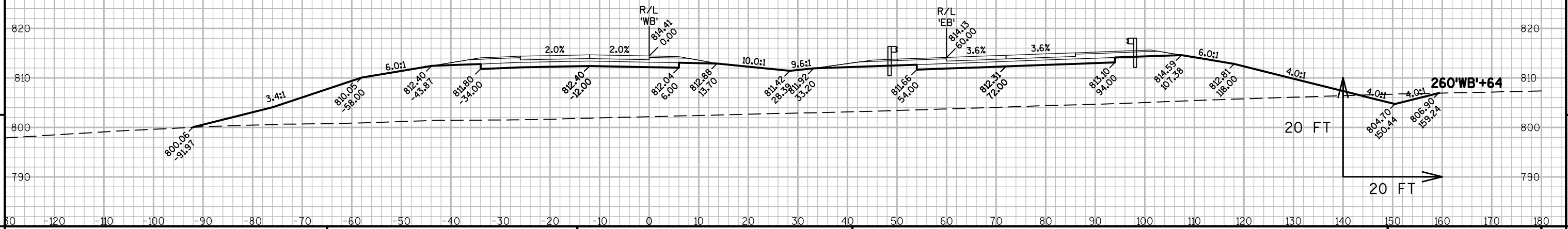
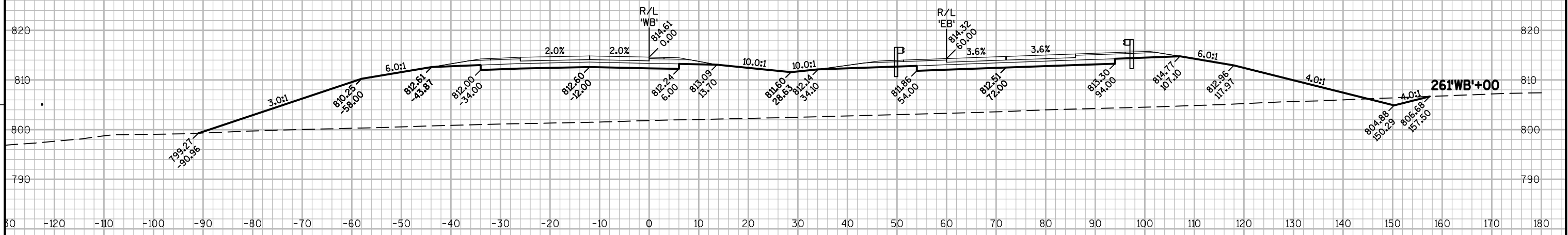
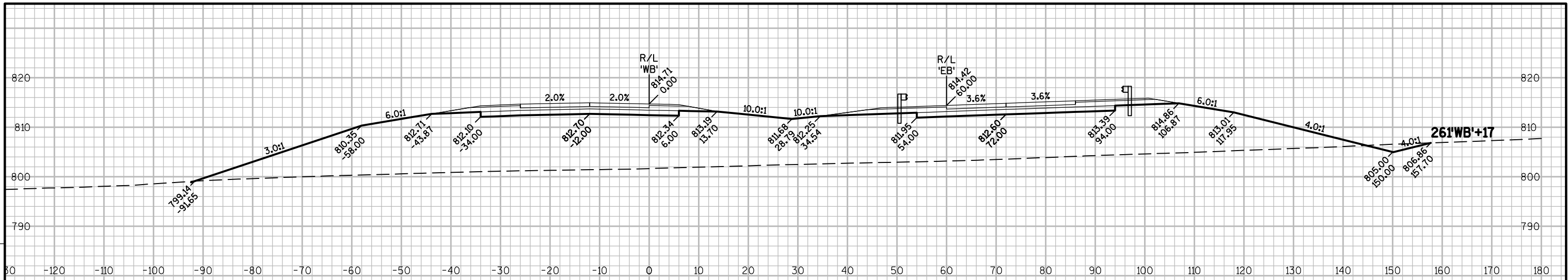


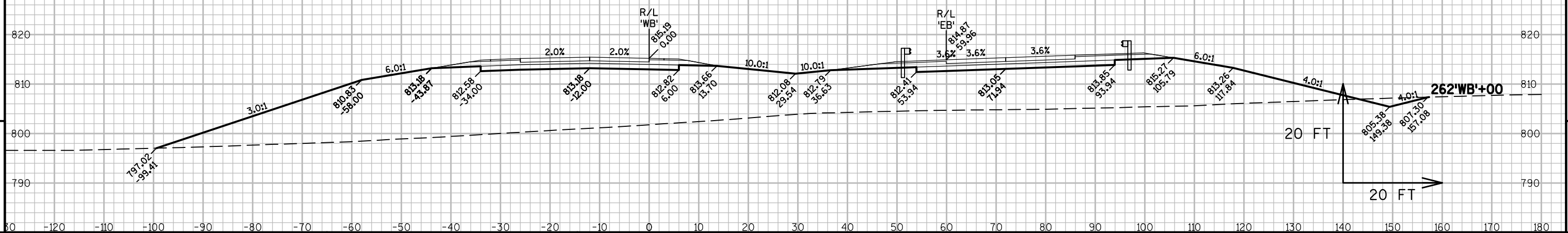
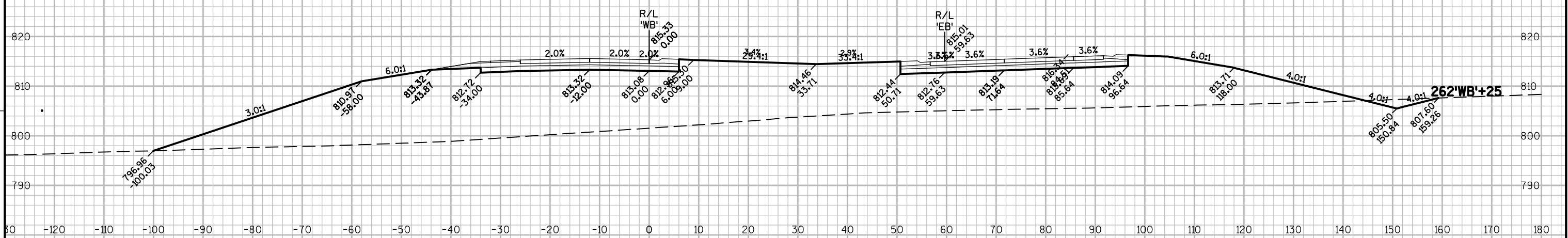
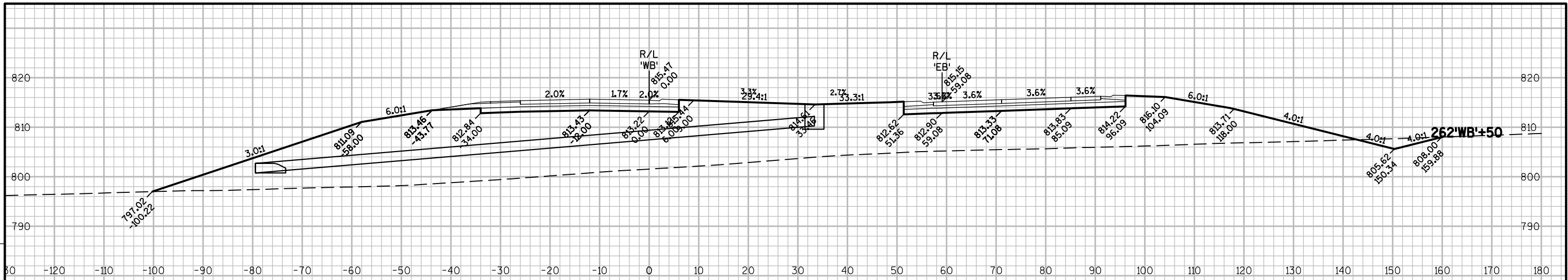


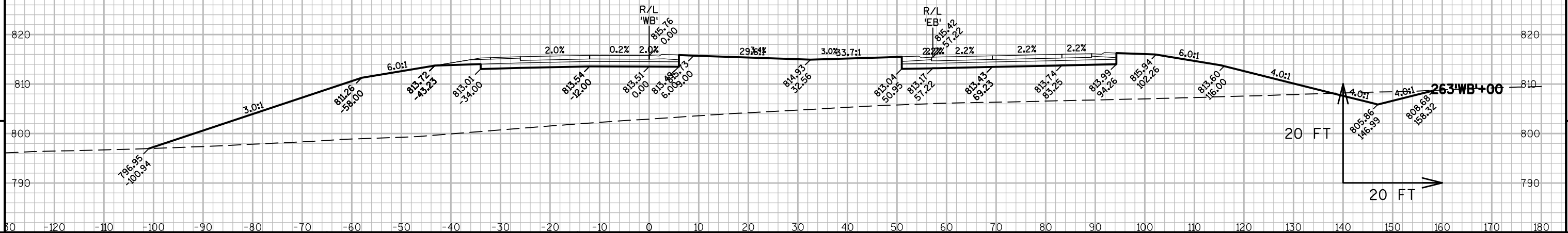
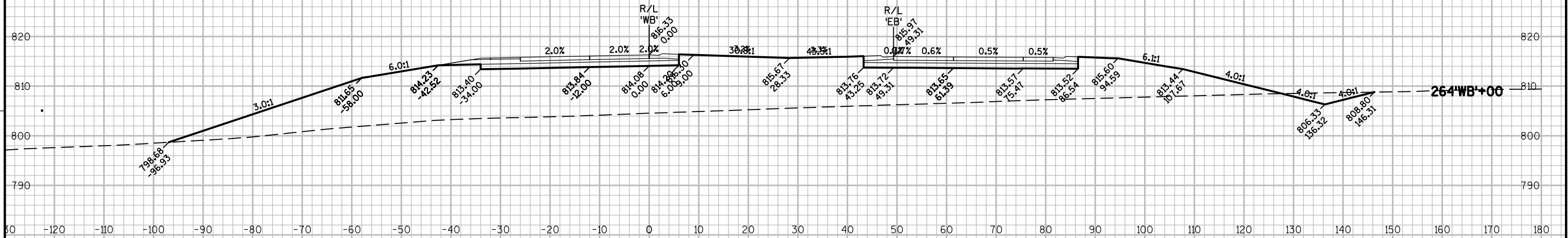
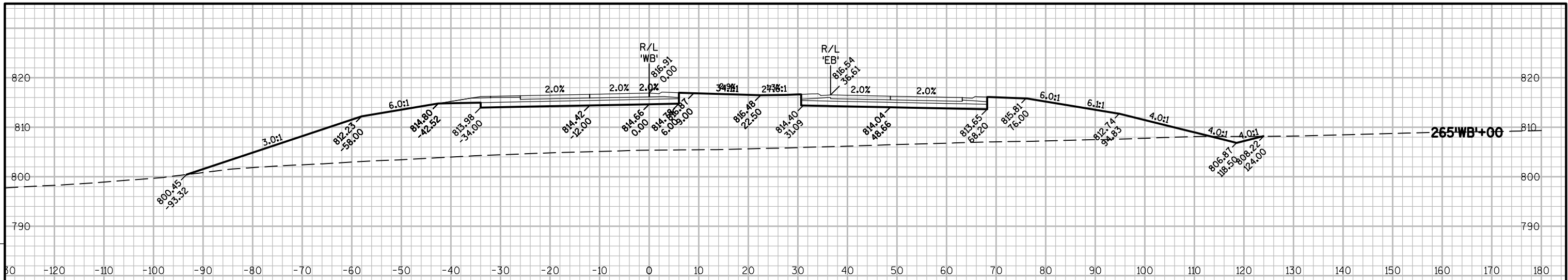


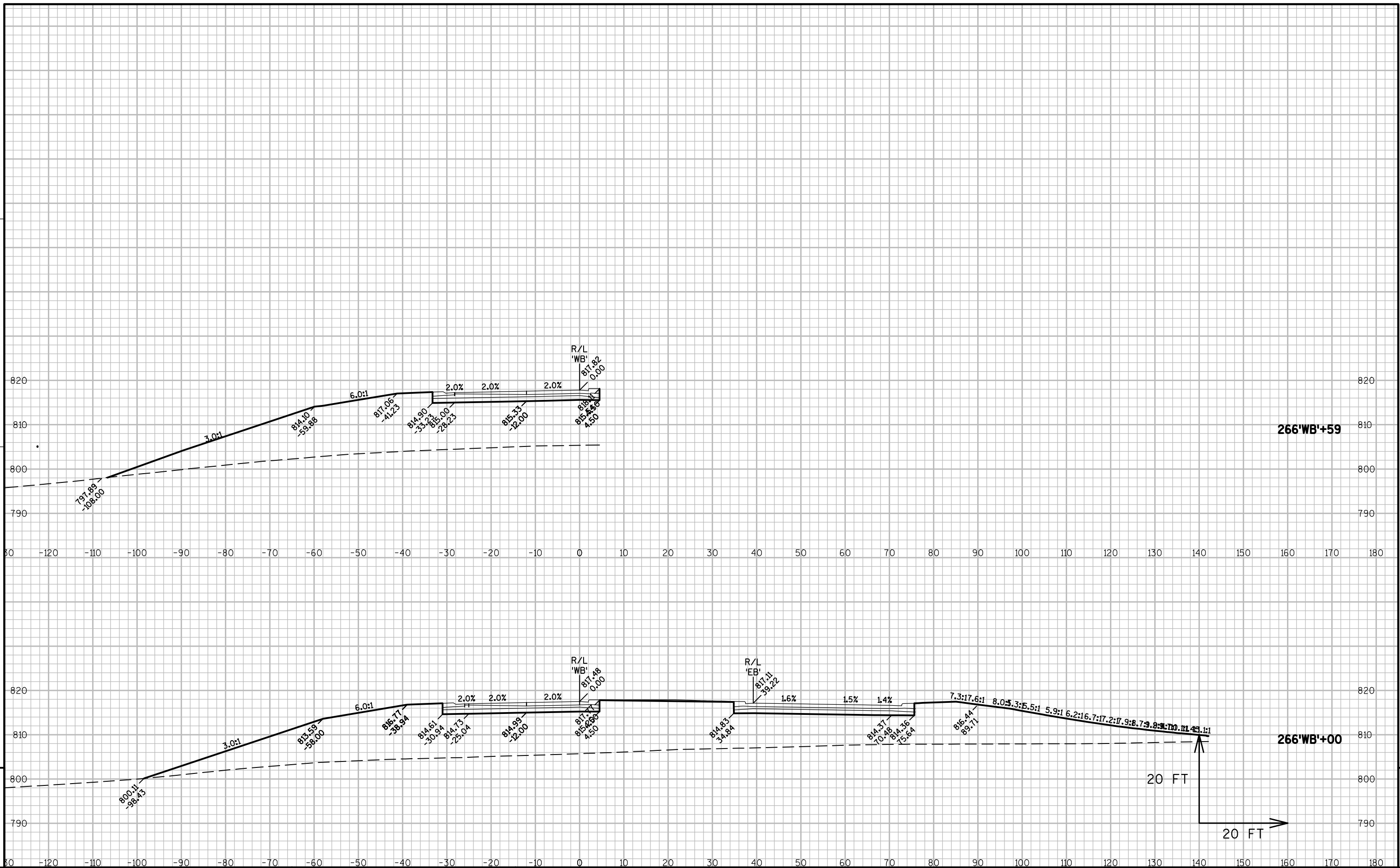
PROJECT NO: 1146-75-76 HWY: STH 15 COUNTY: OUTAGAMIE CROSS SECTIONS - STH 15 'WB' SHEET 9

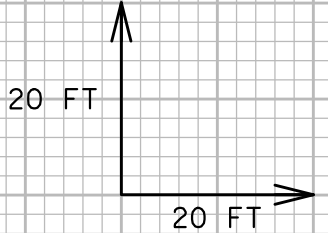
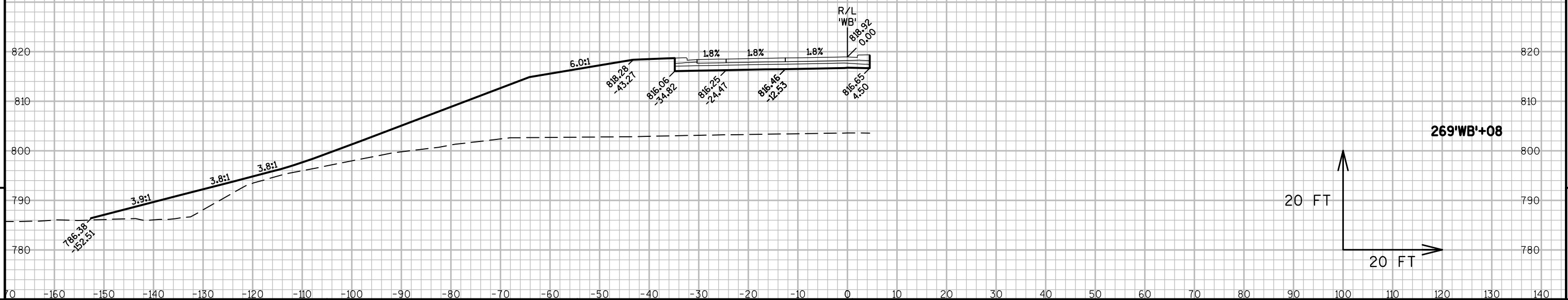
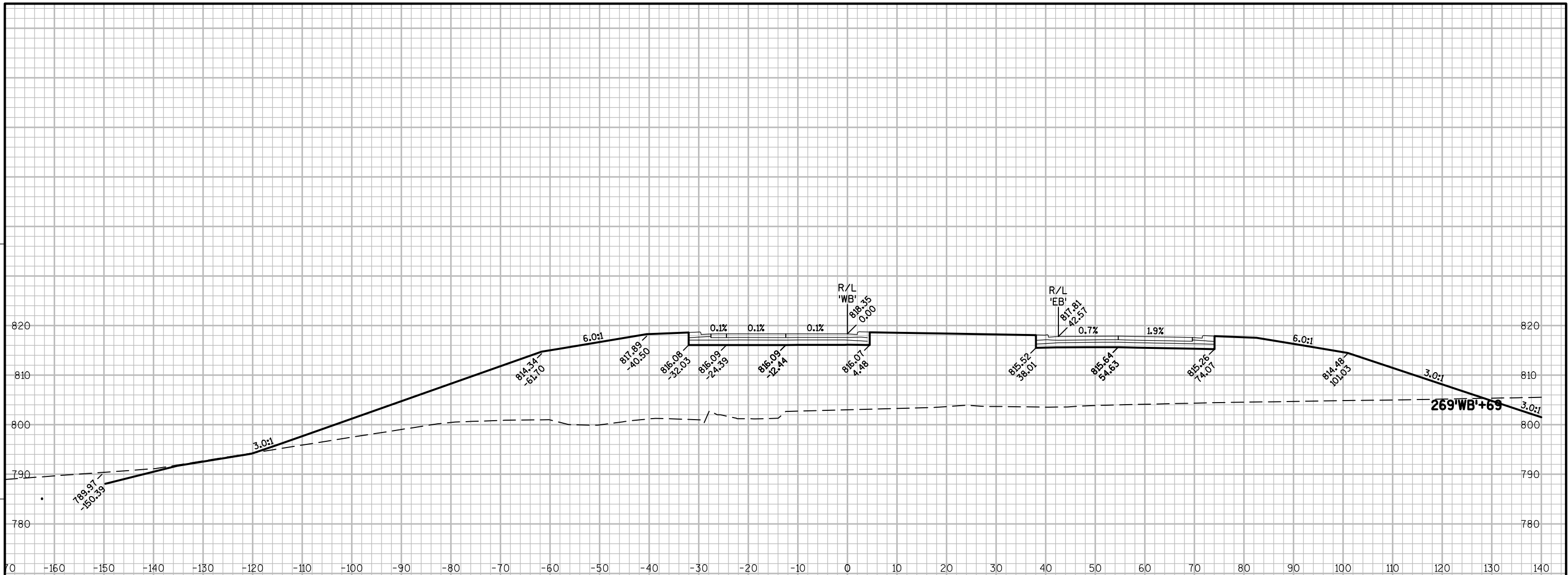


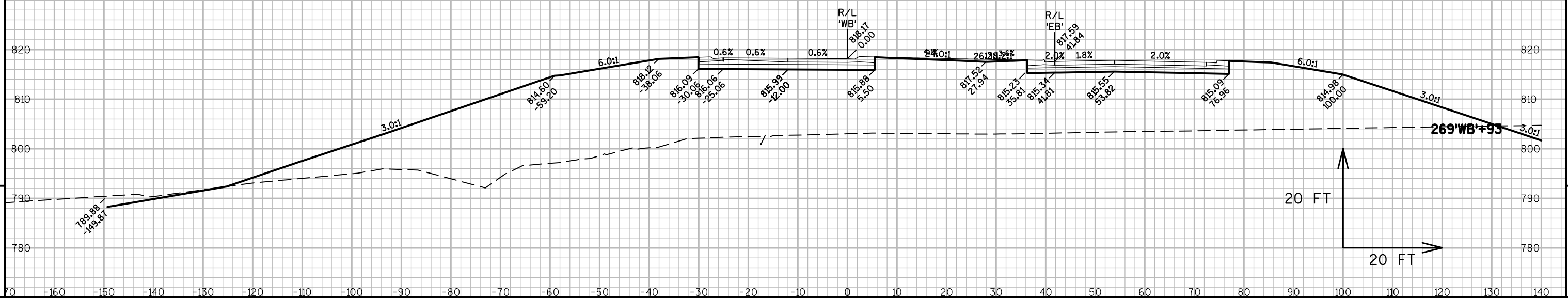
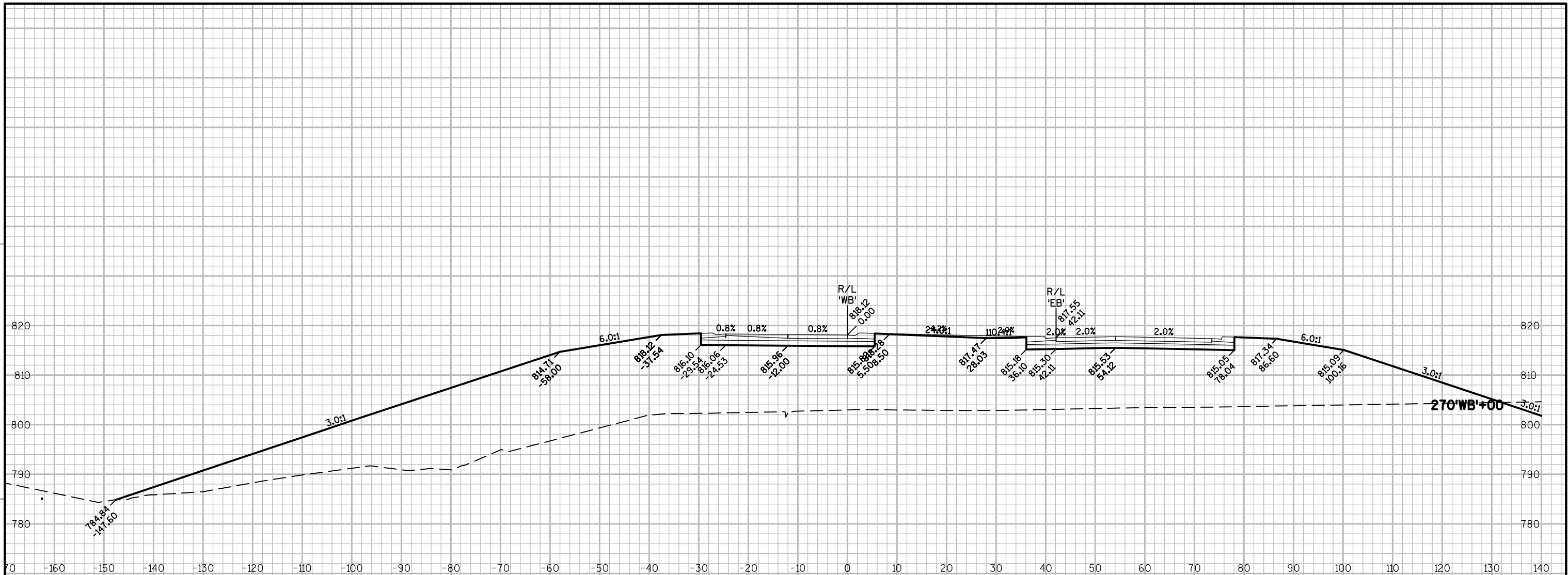




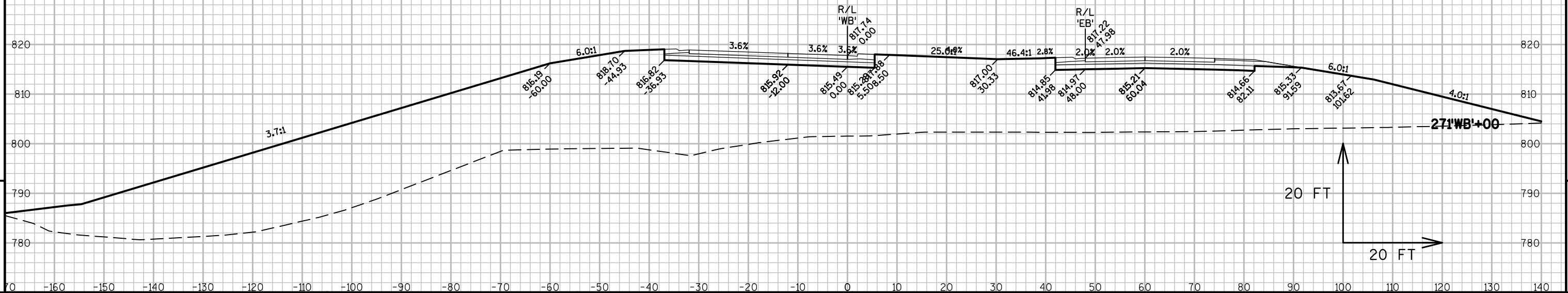
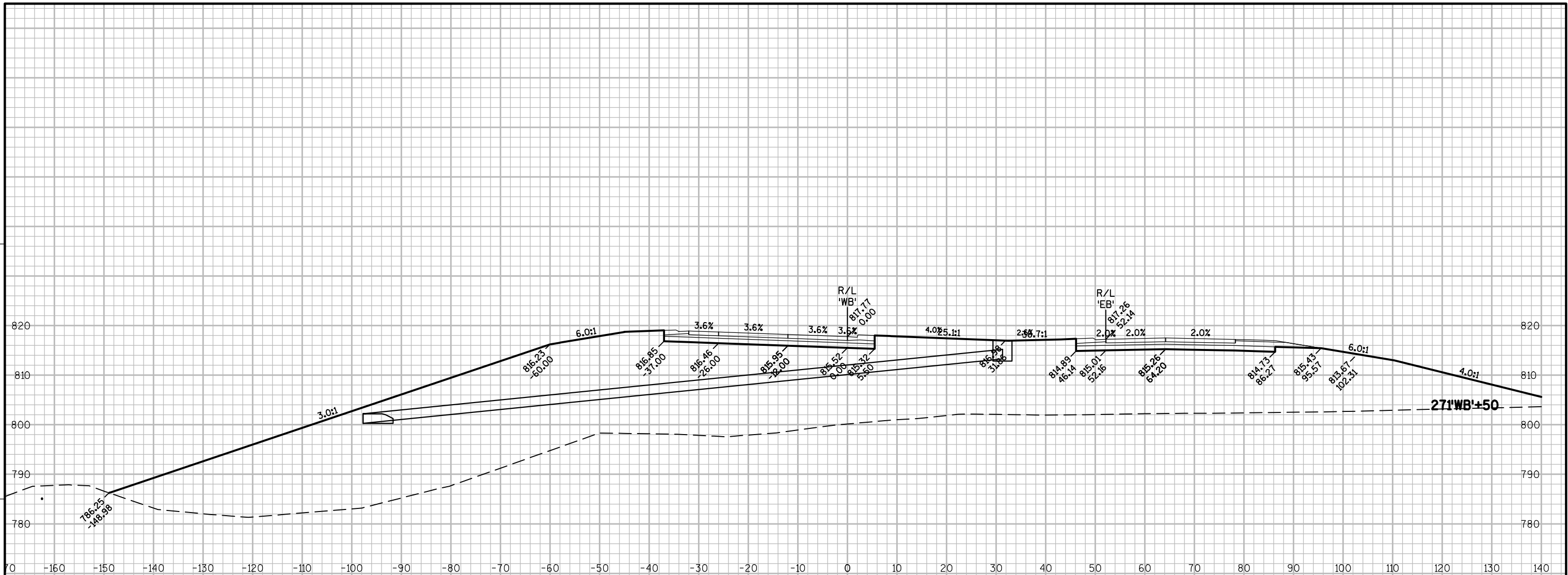


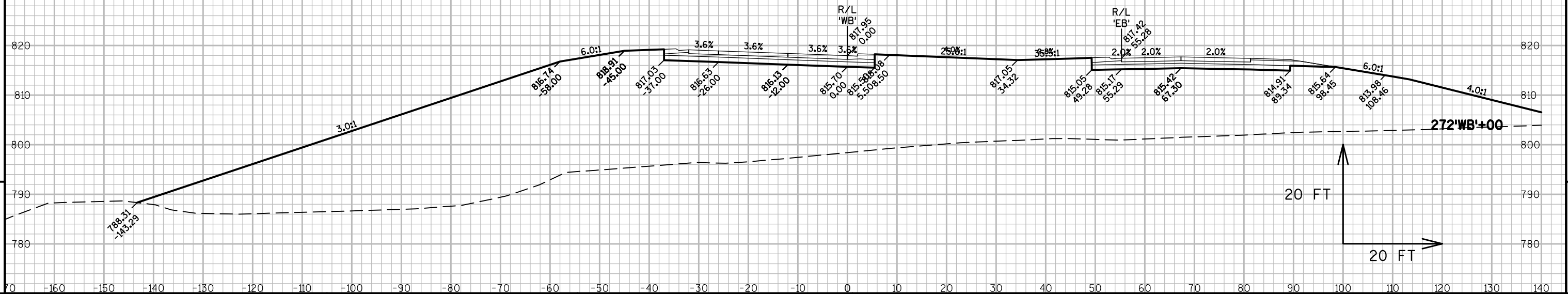
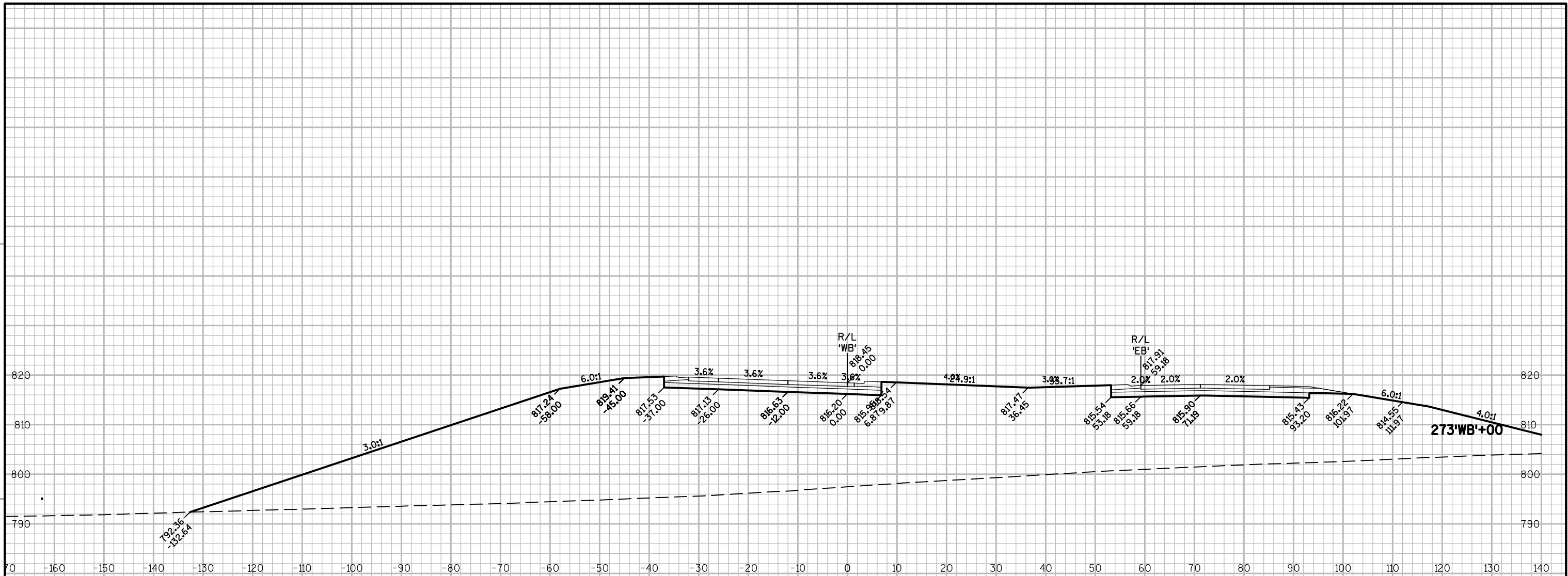


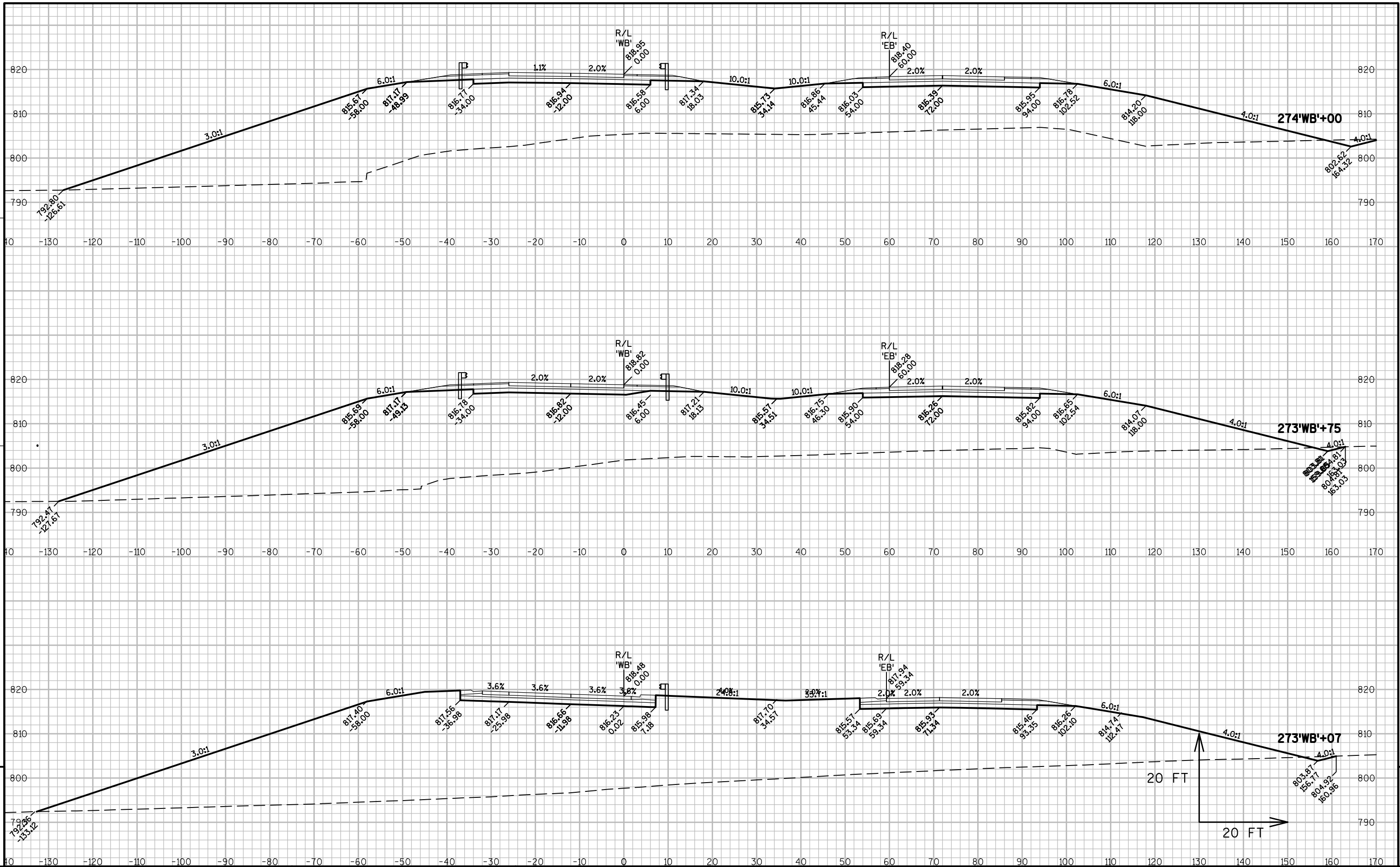


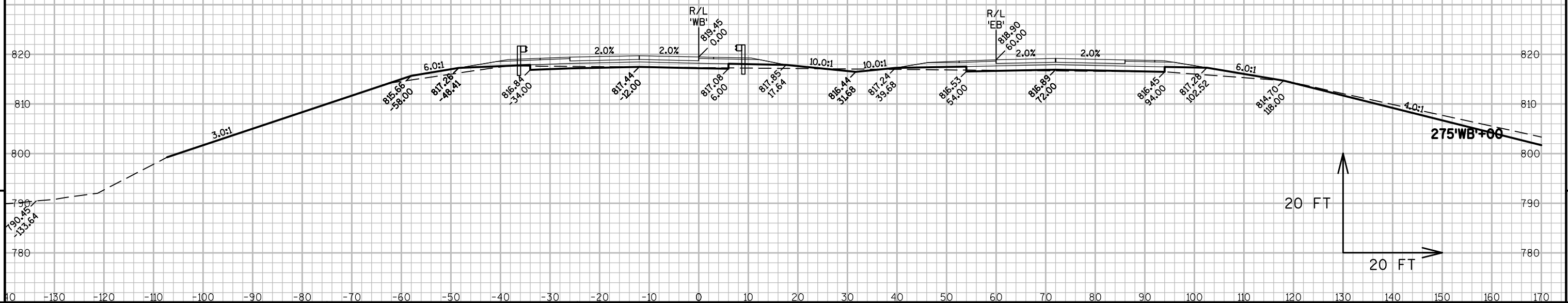
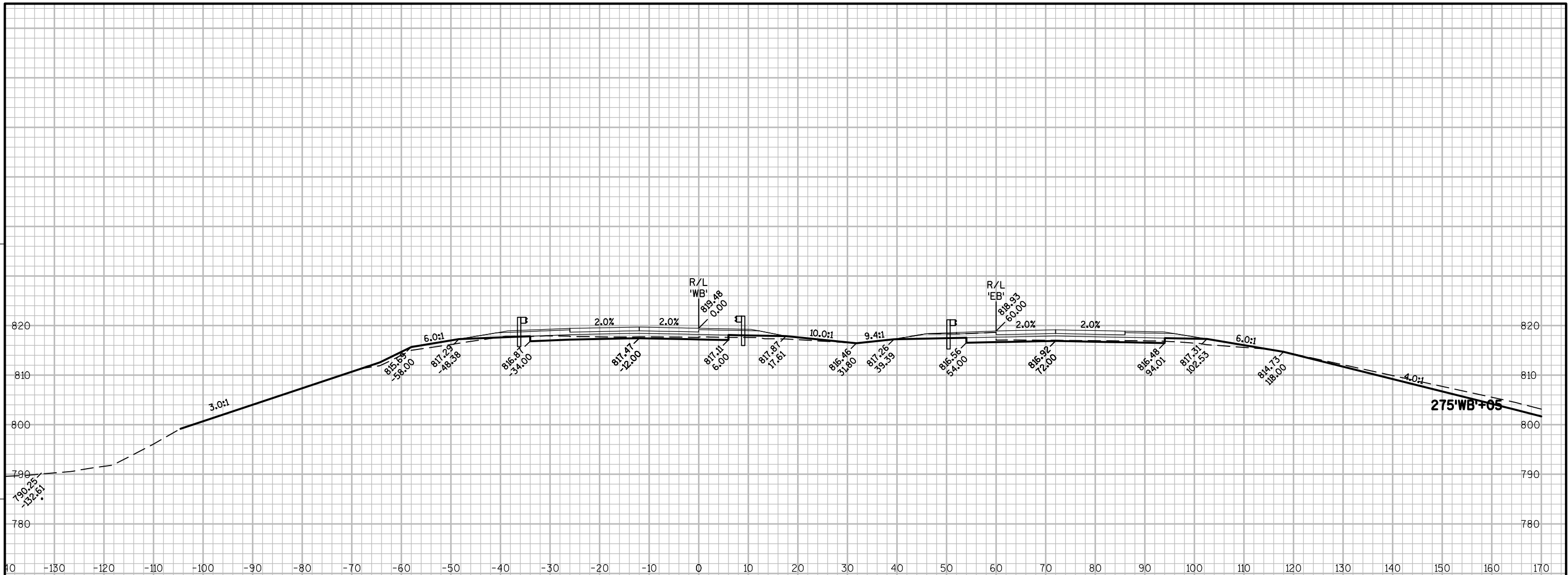


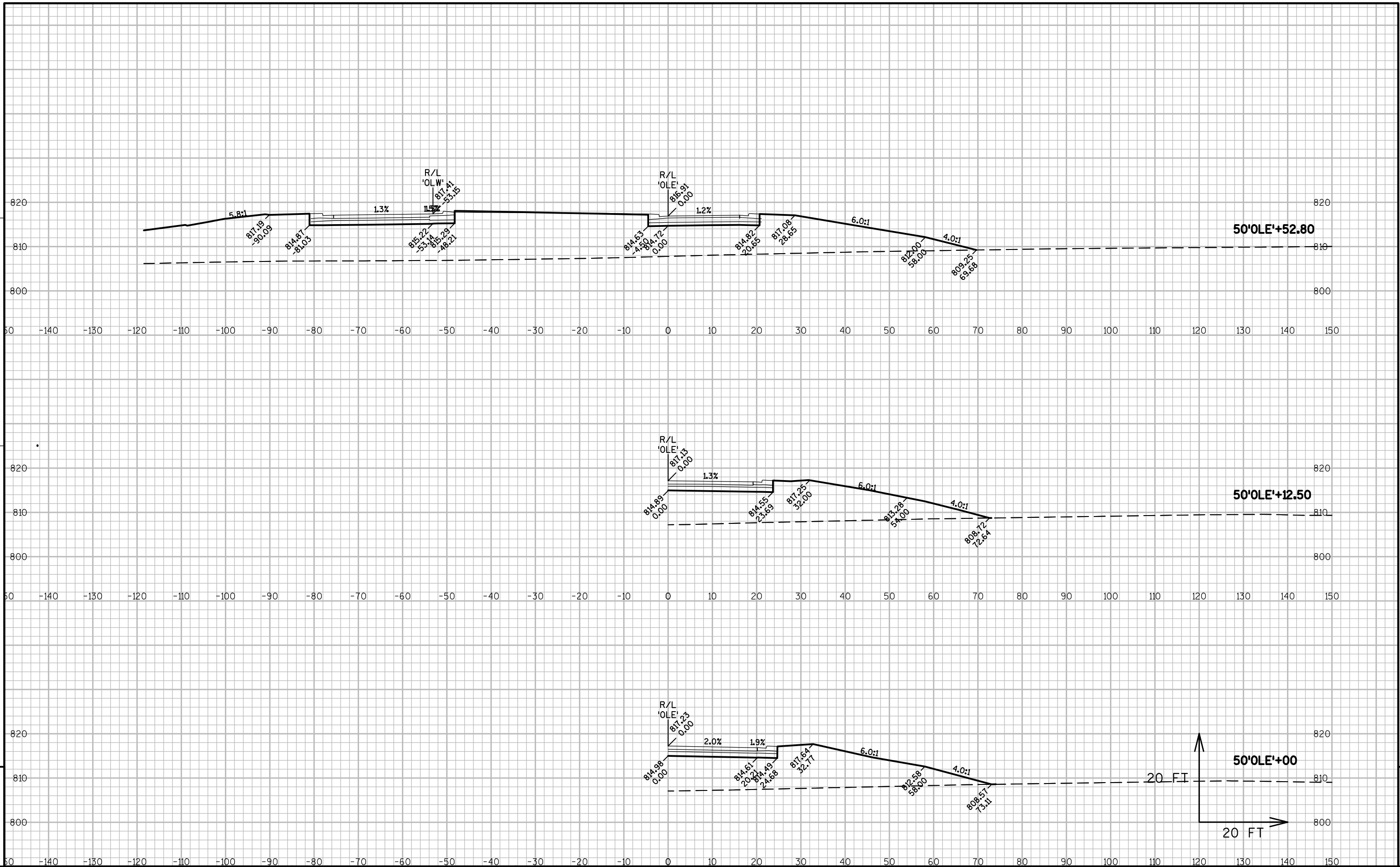
PROJECT NO: 1146-75-76	HWY: STH 15	COUNTY: OUTAGAMIE	CROSS SECTIONS - STH 15 'WB'	SHEET	E
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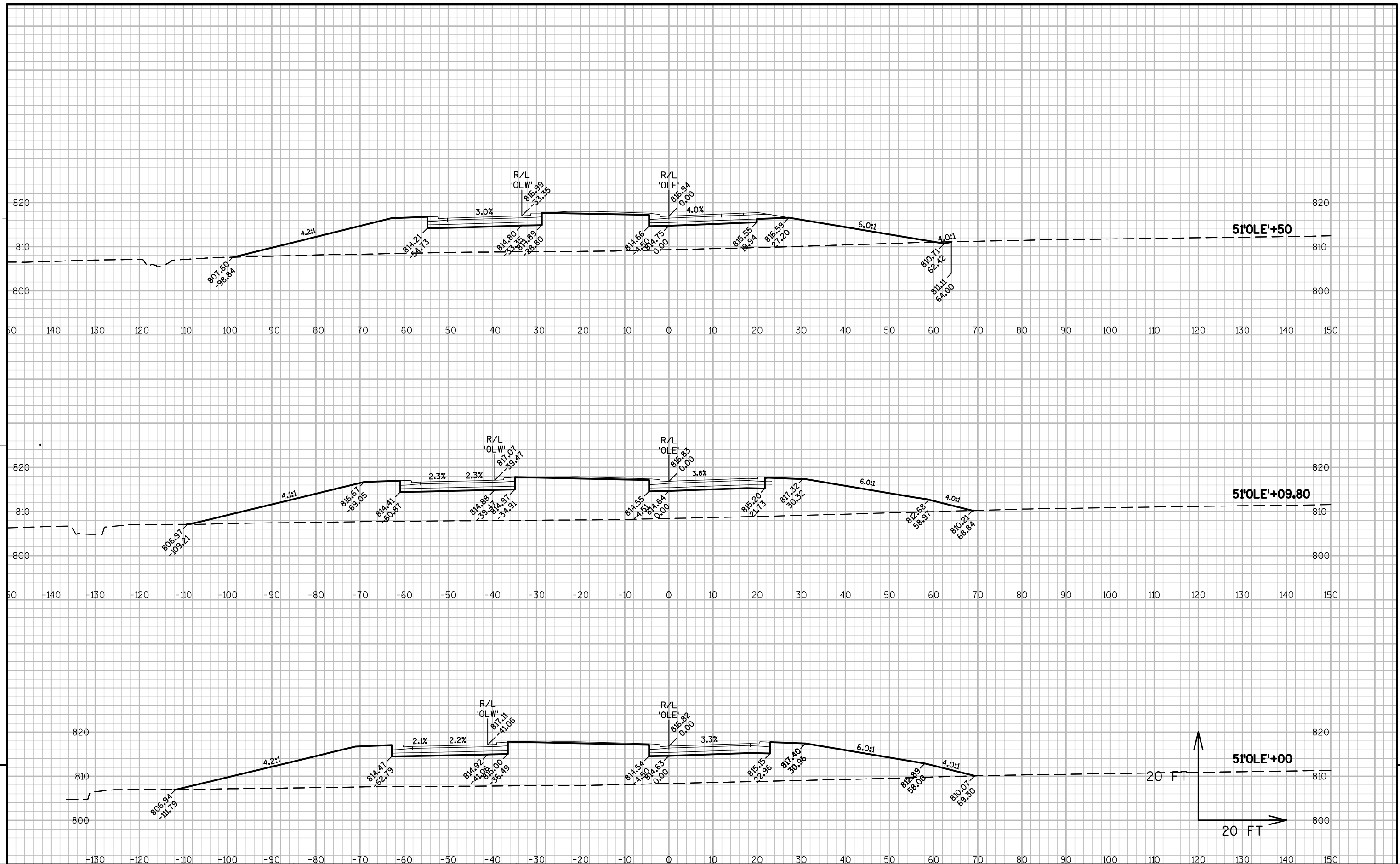


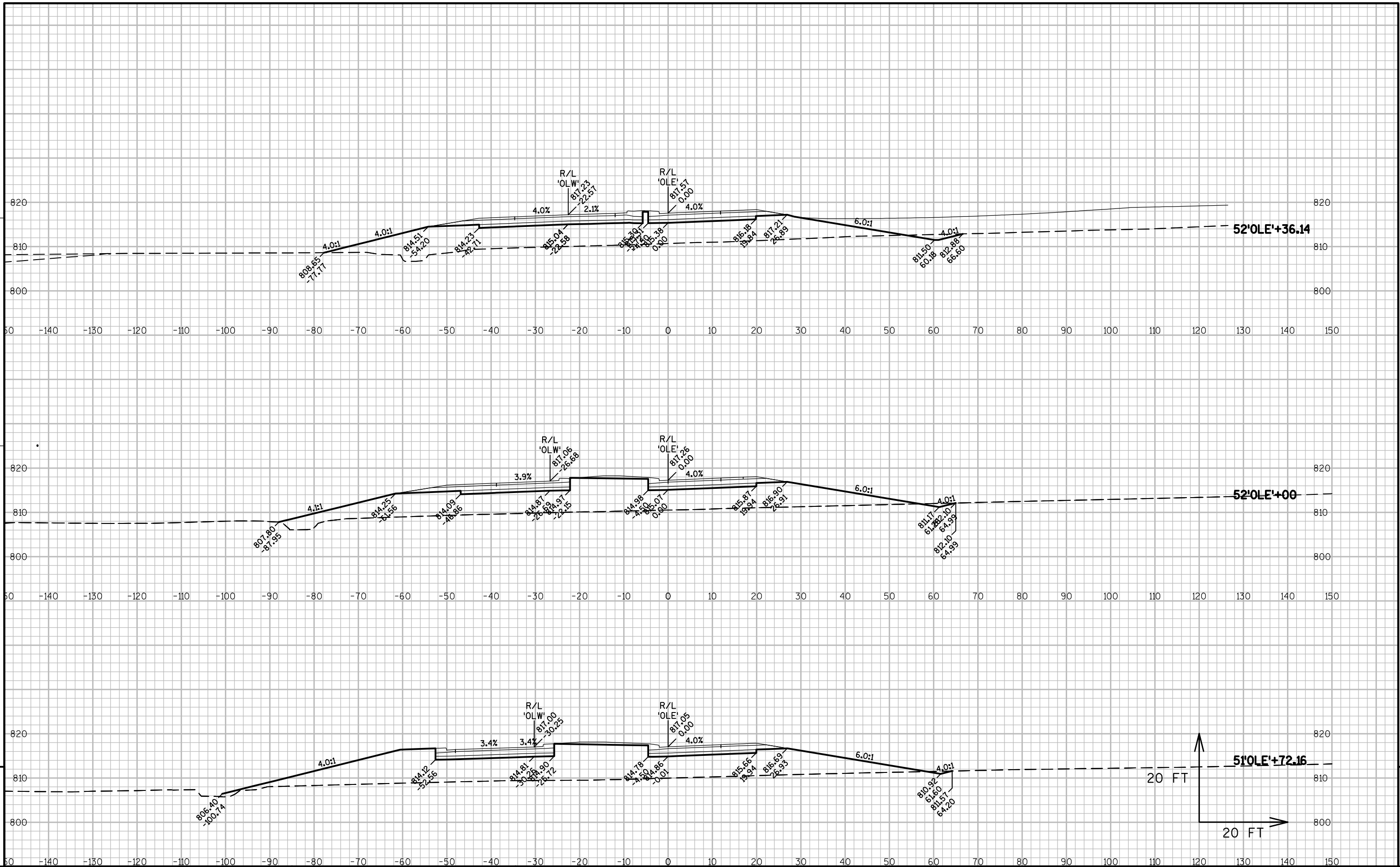


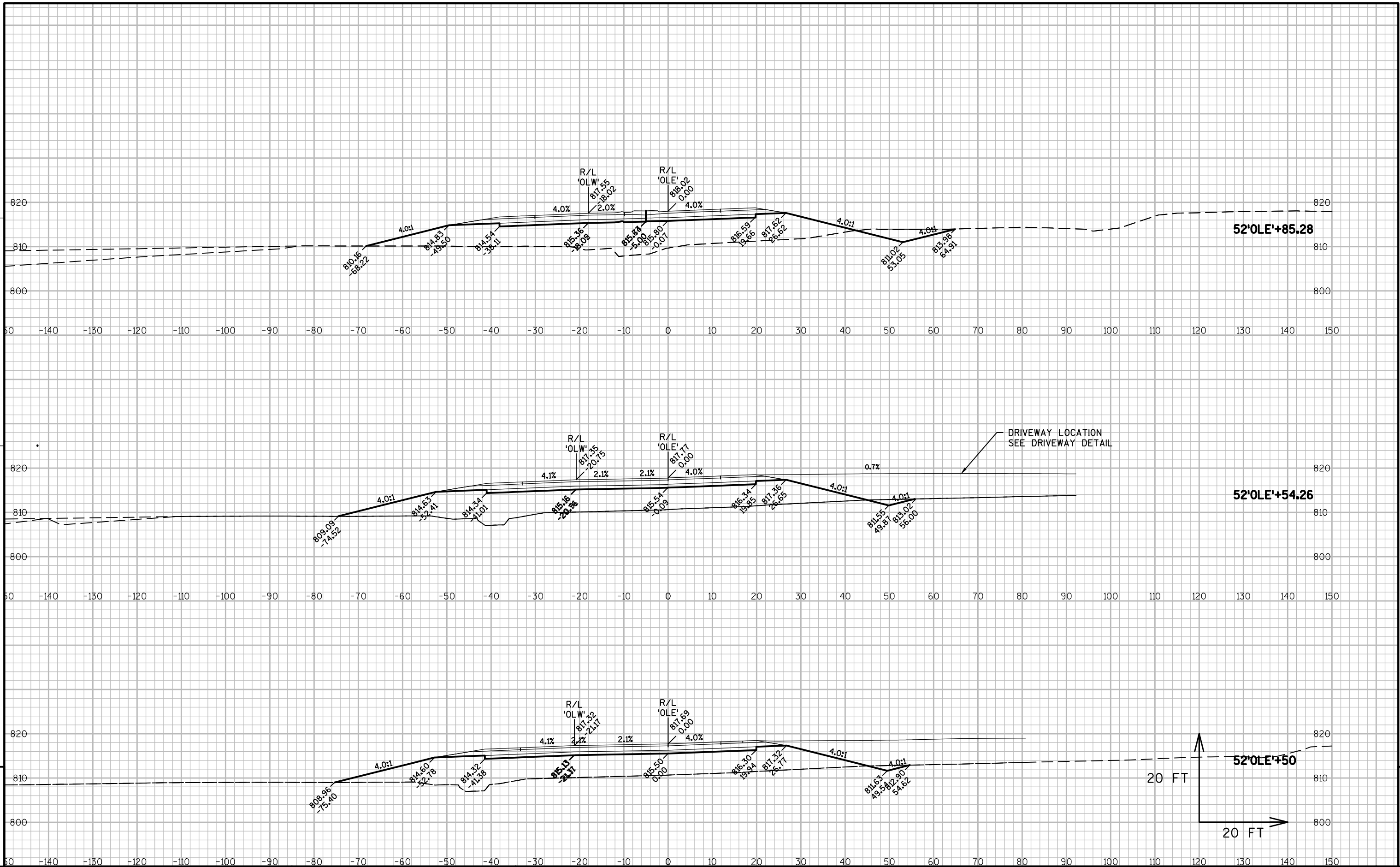


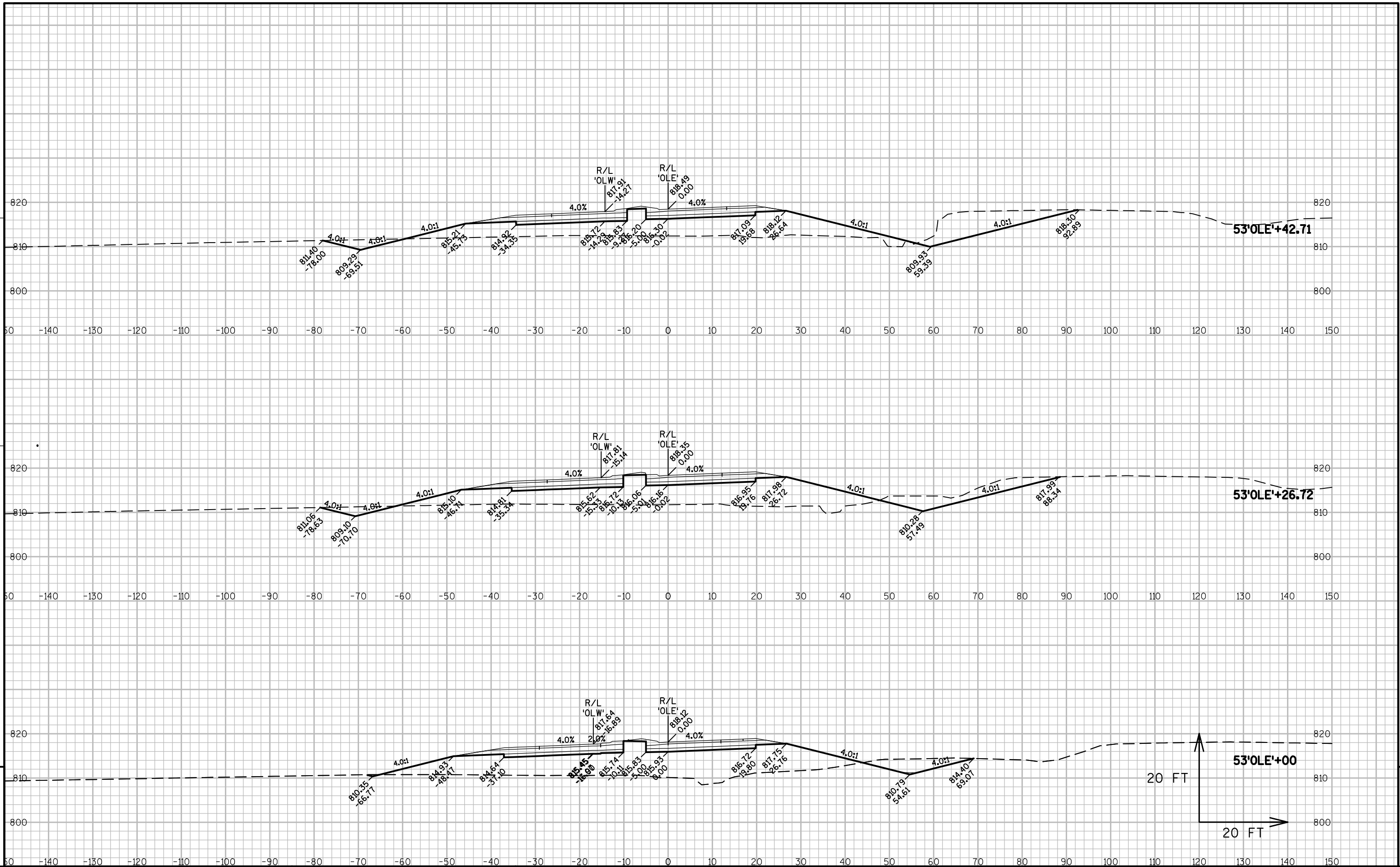


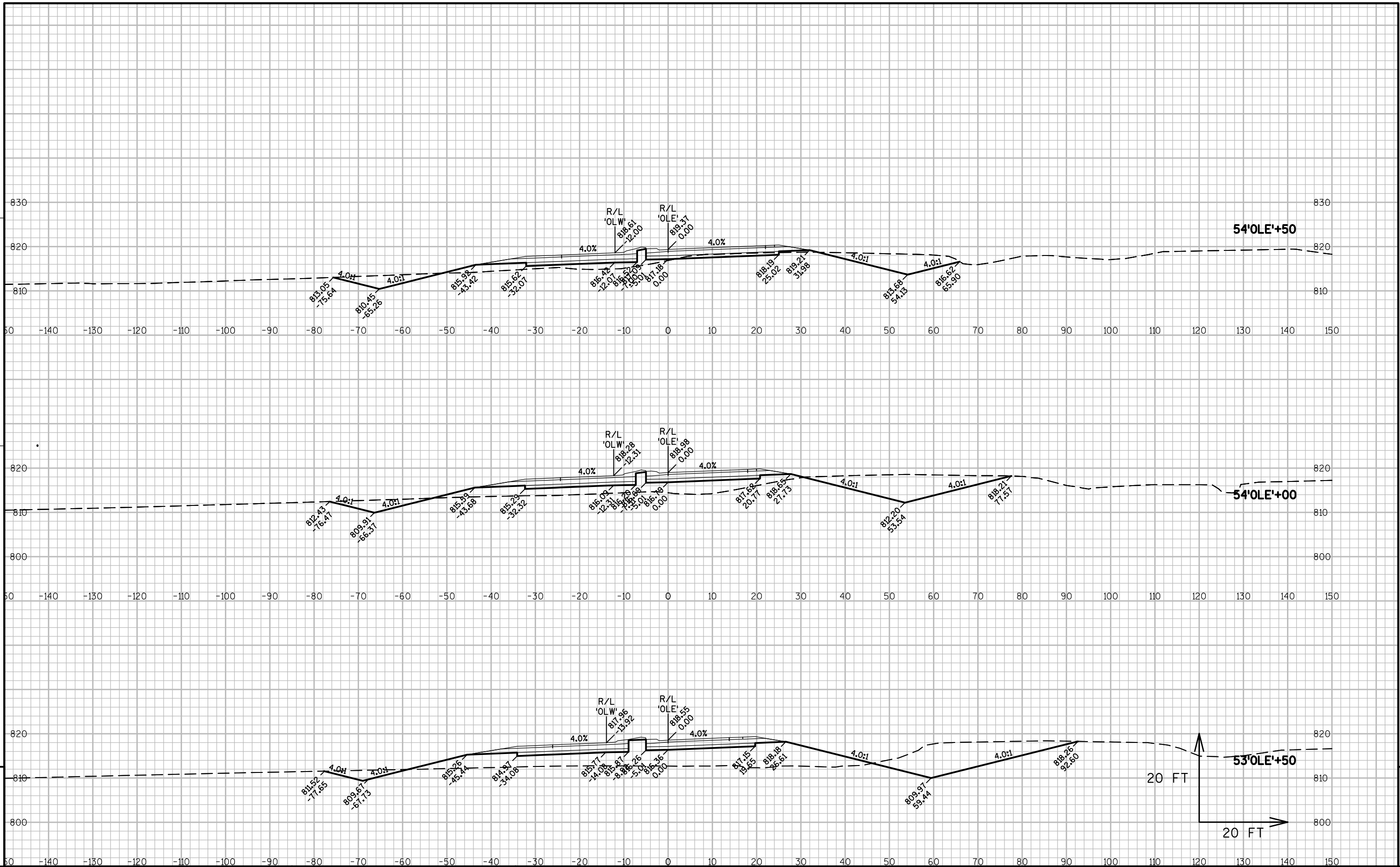


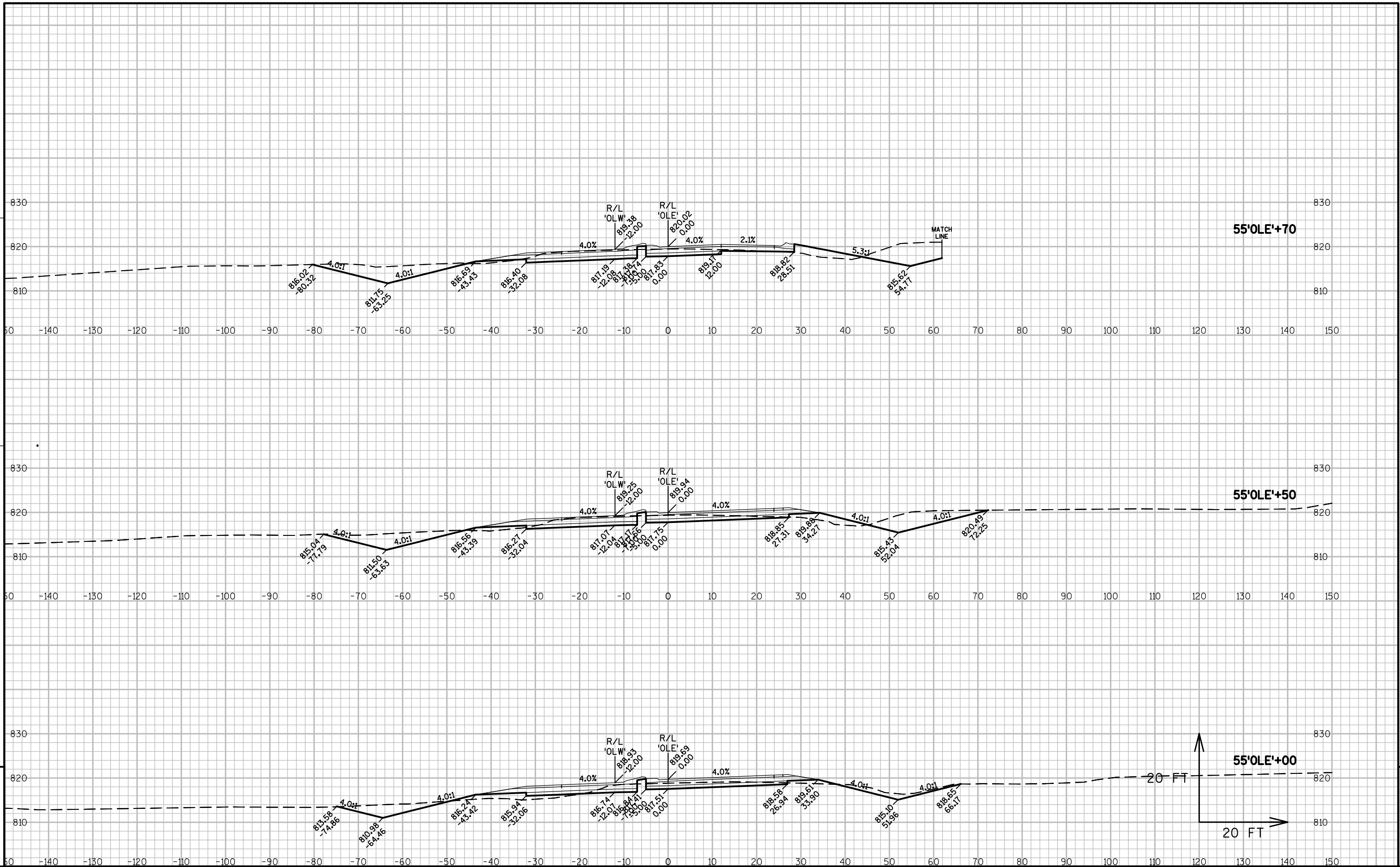


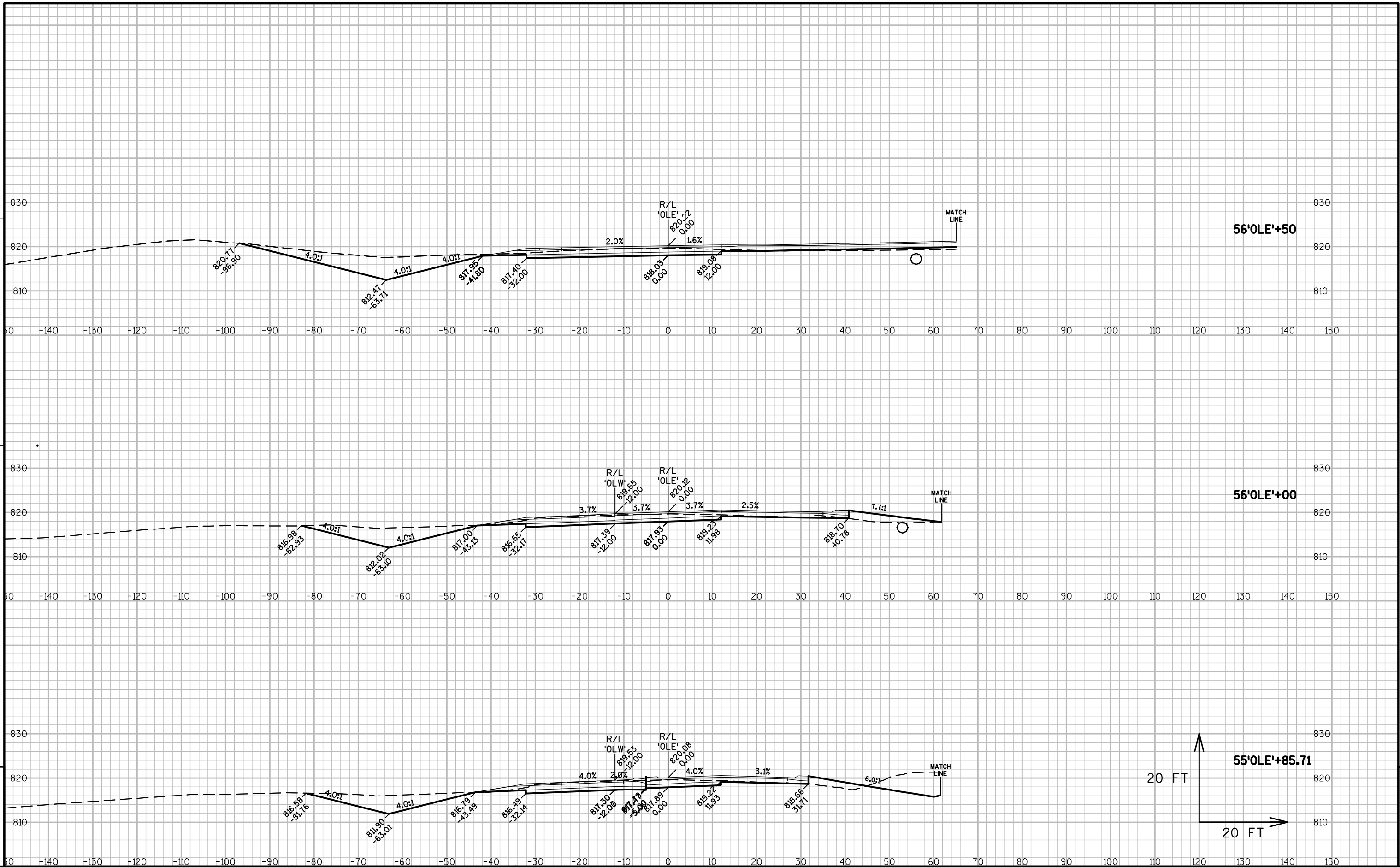


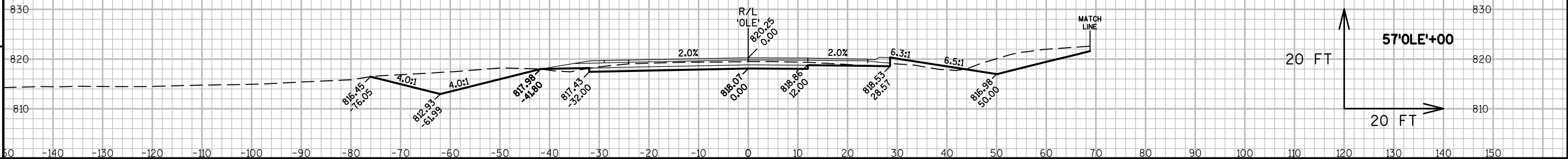
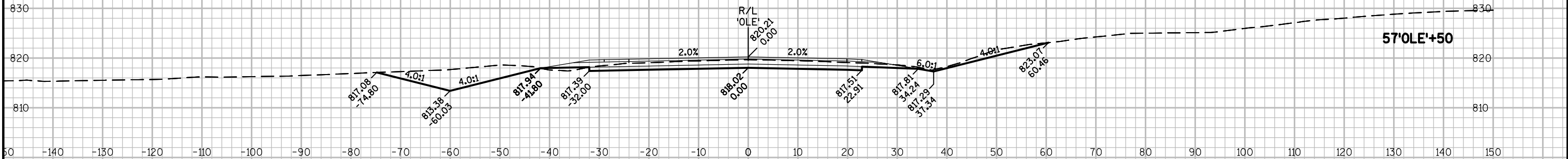
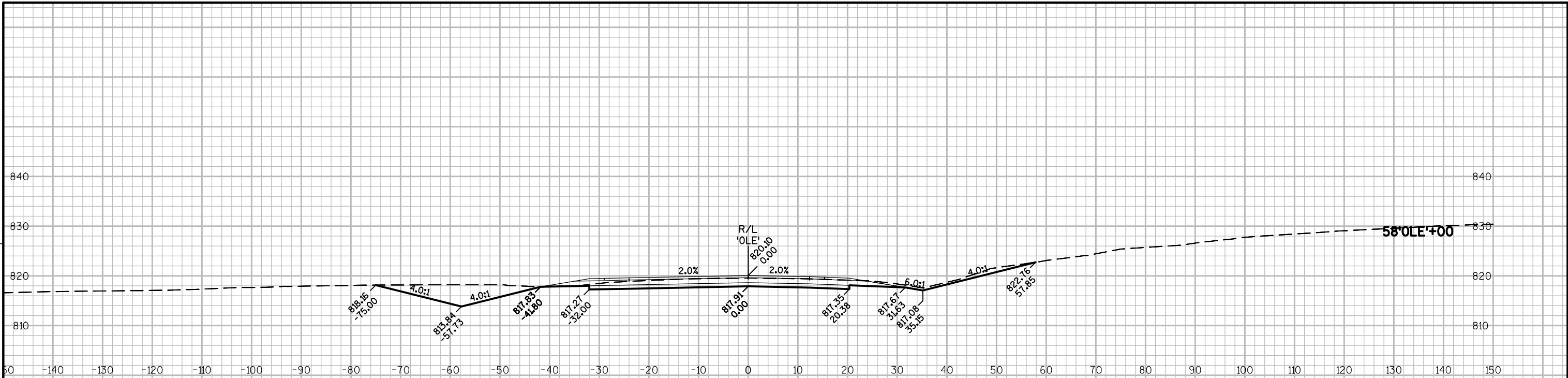


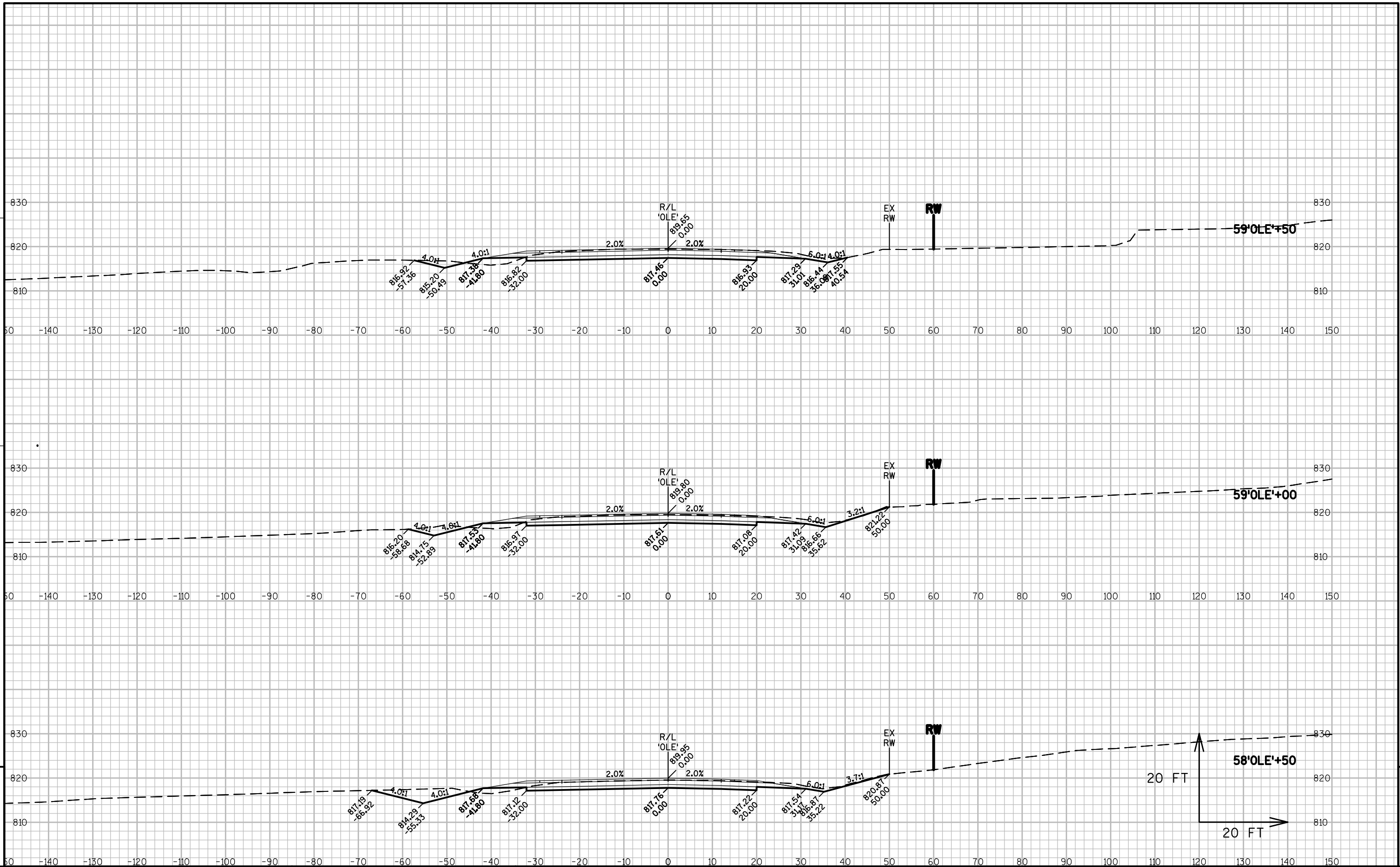


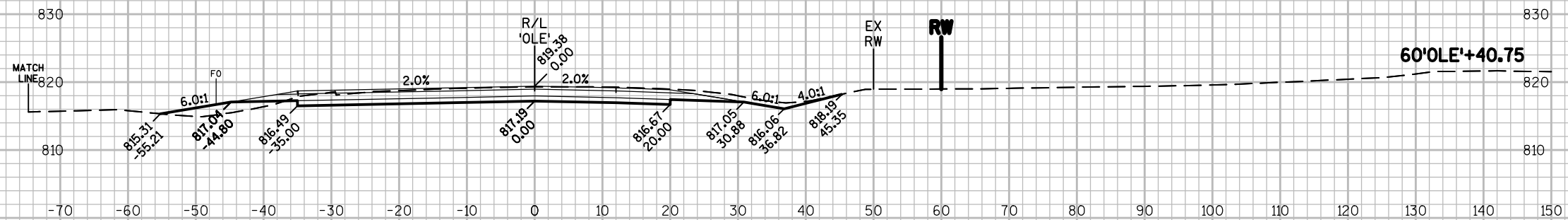
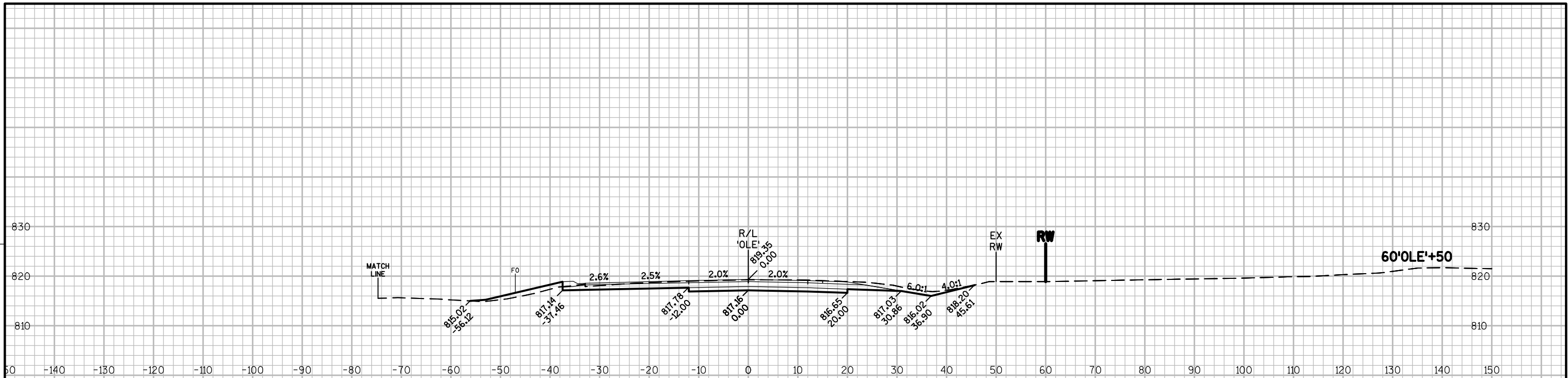


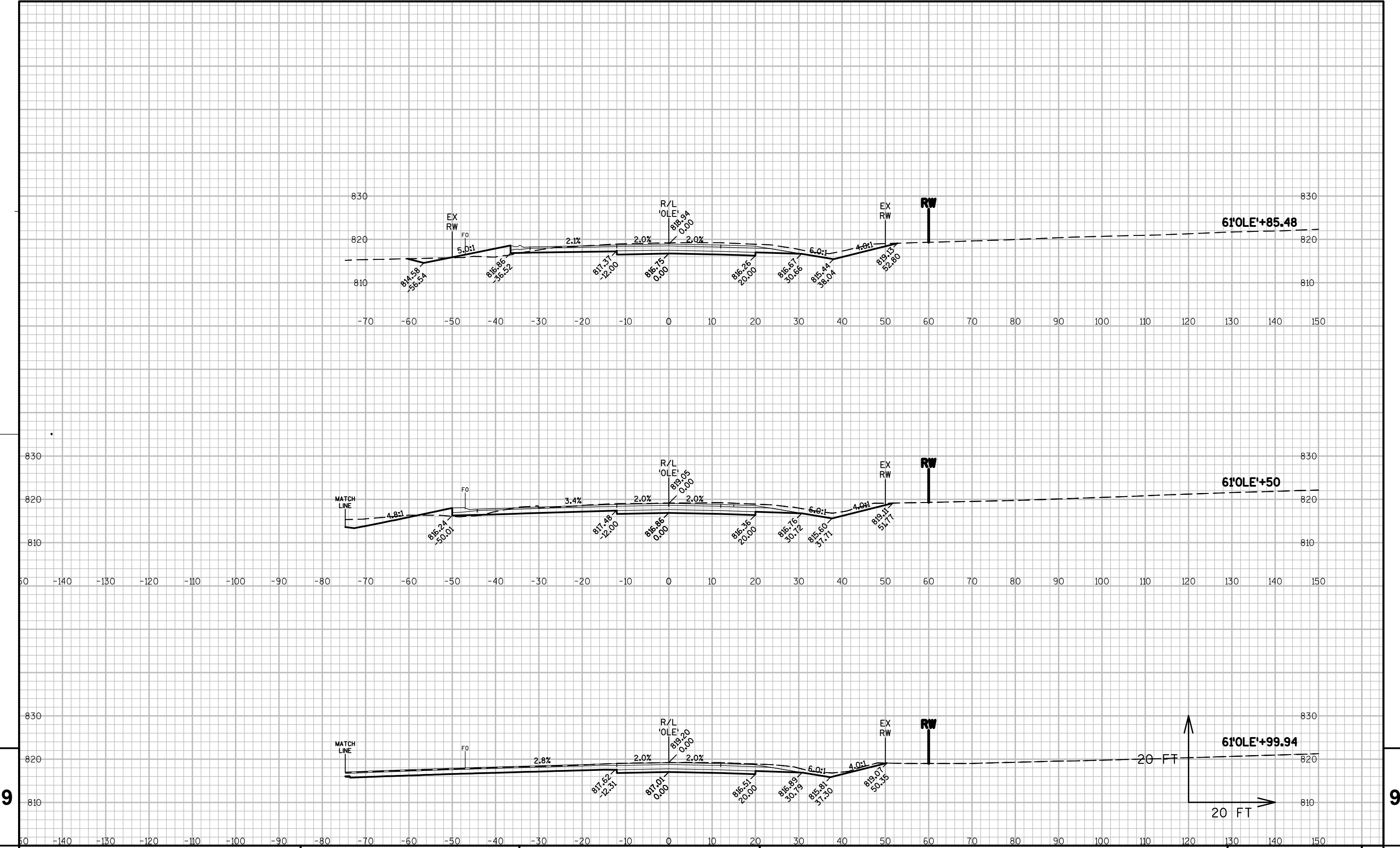


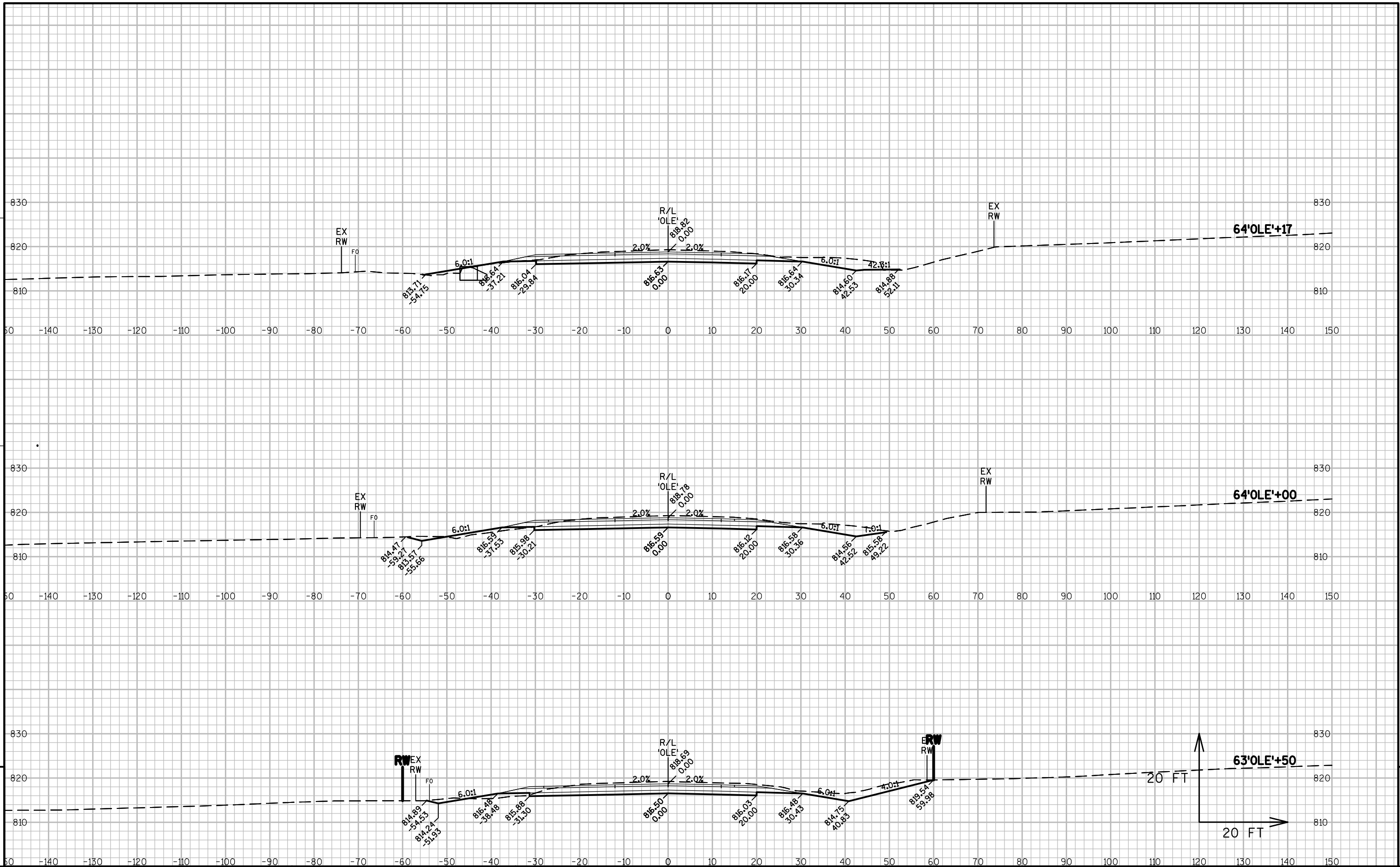


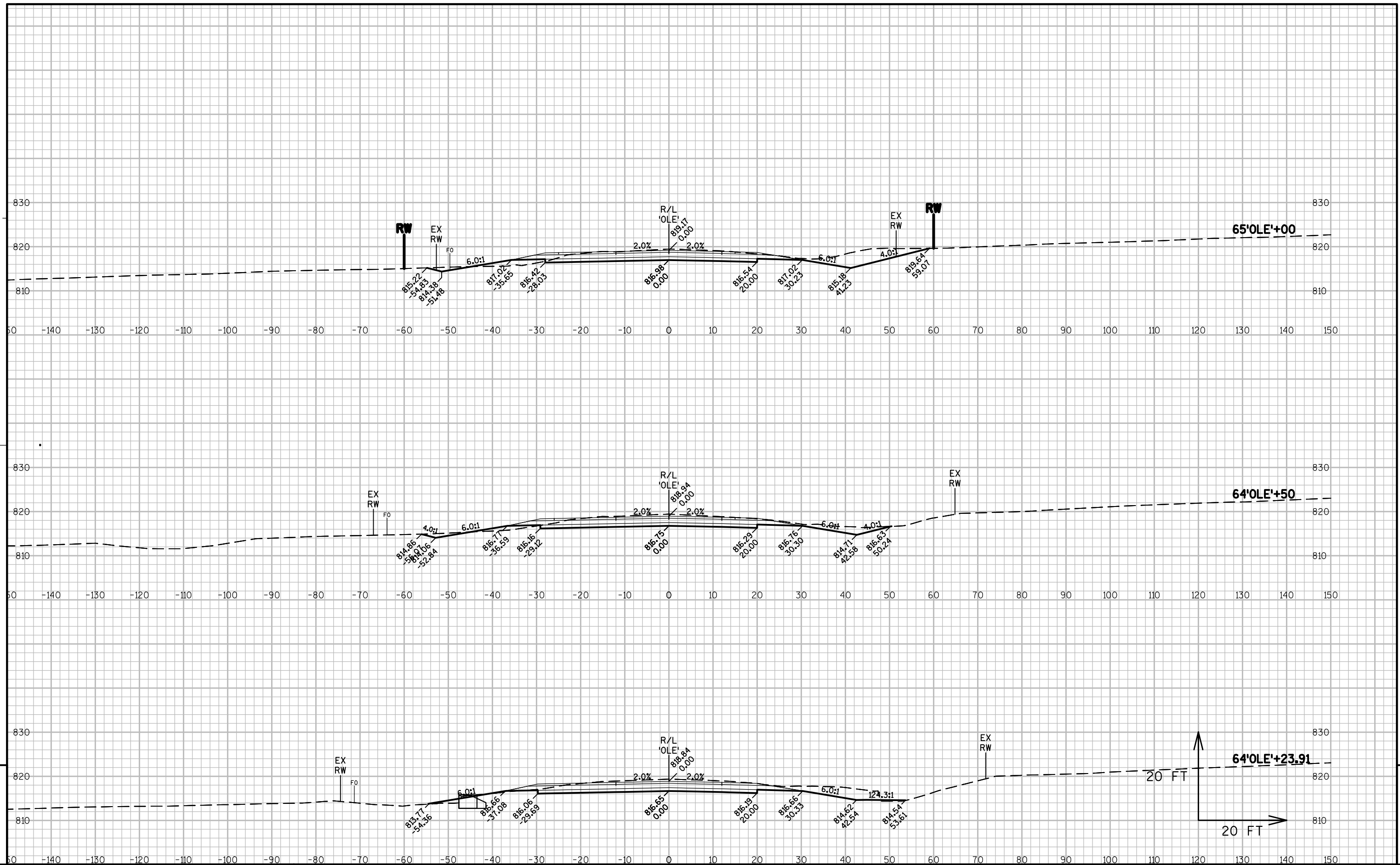


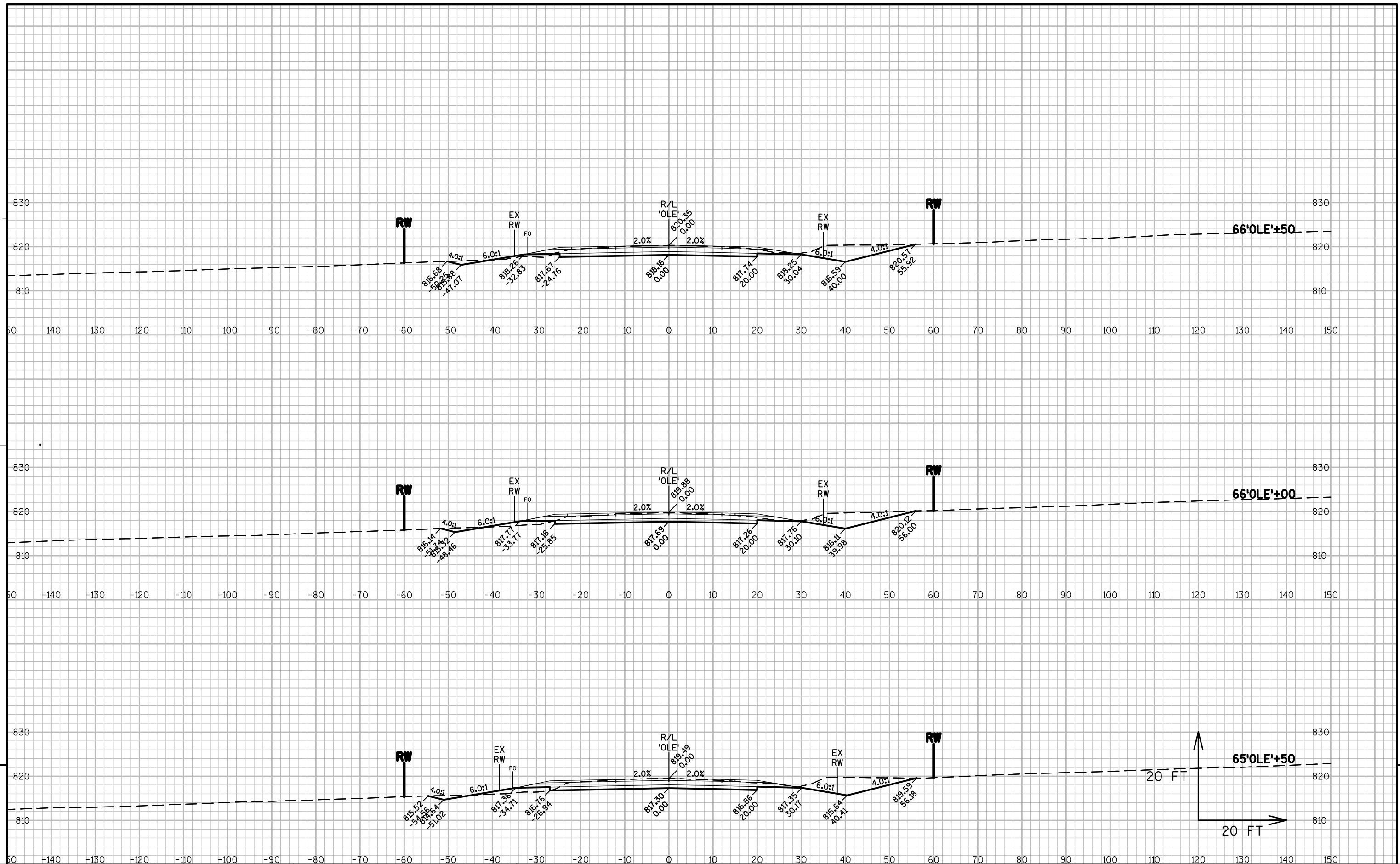


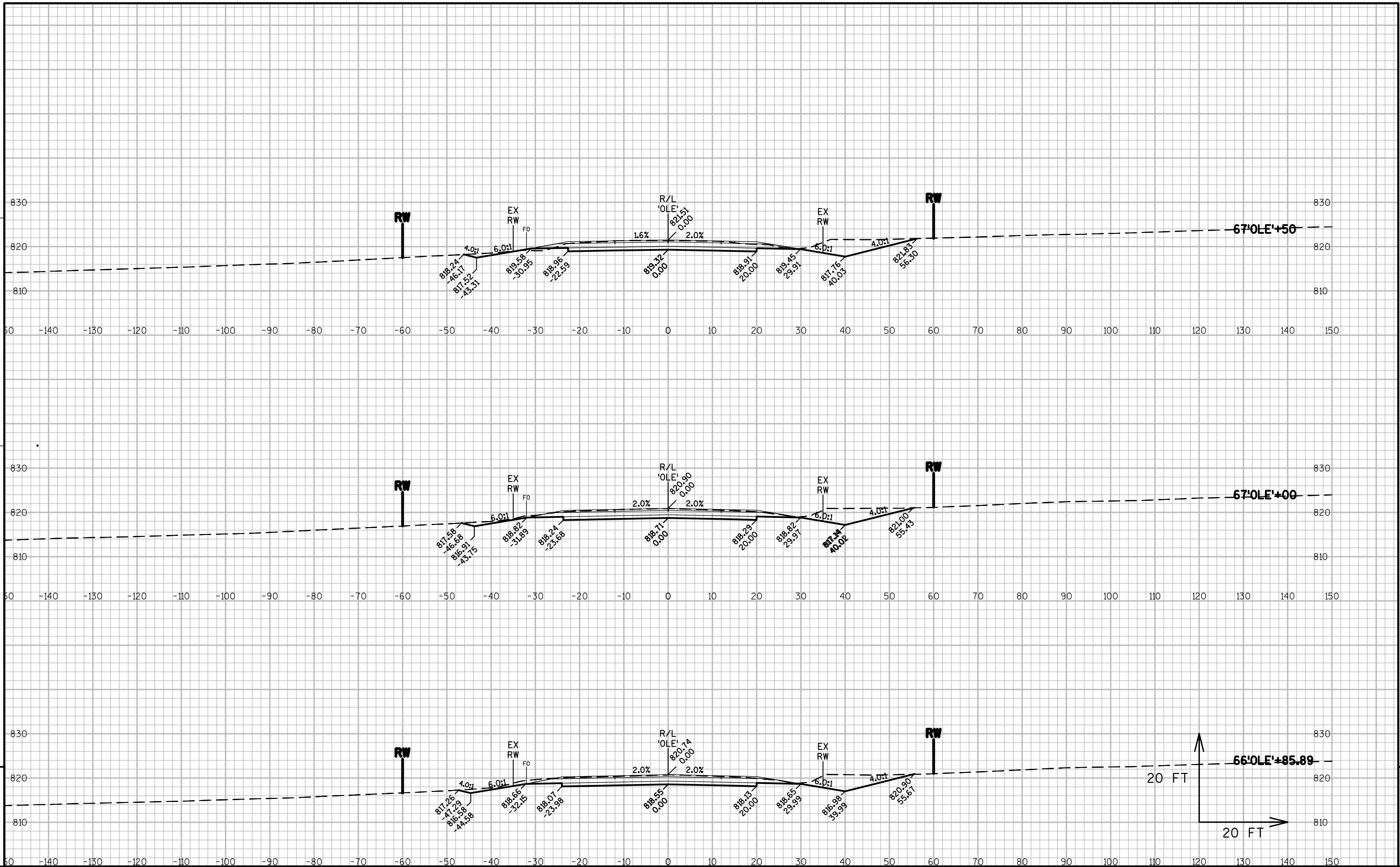


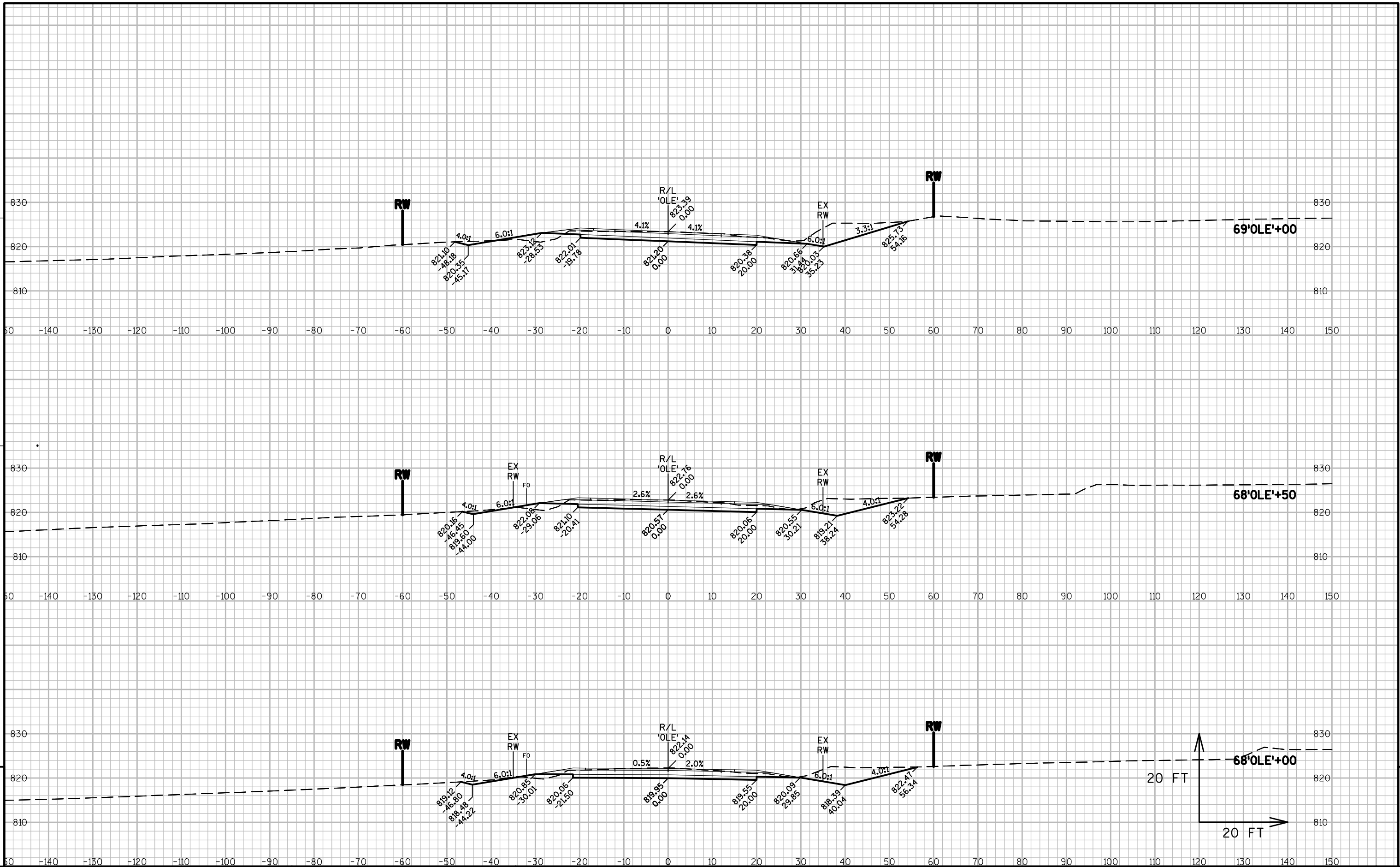


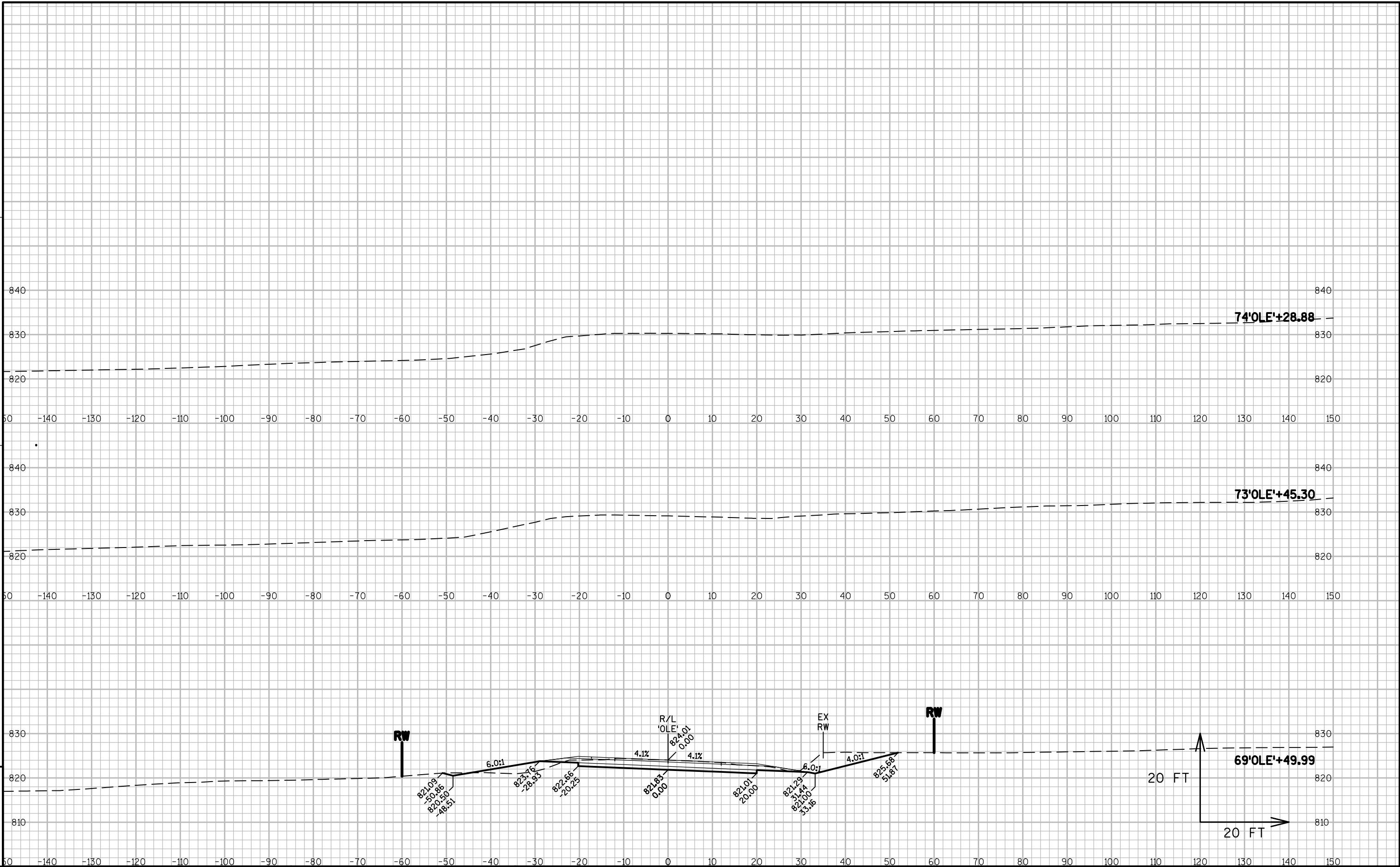


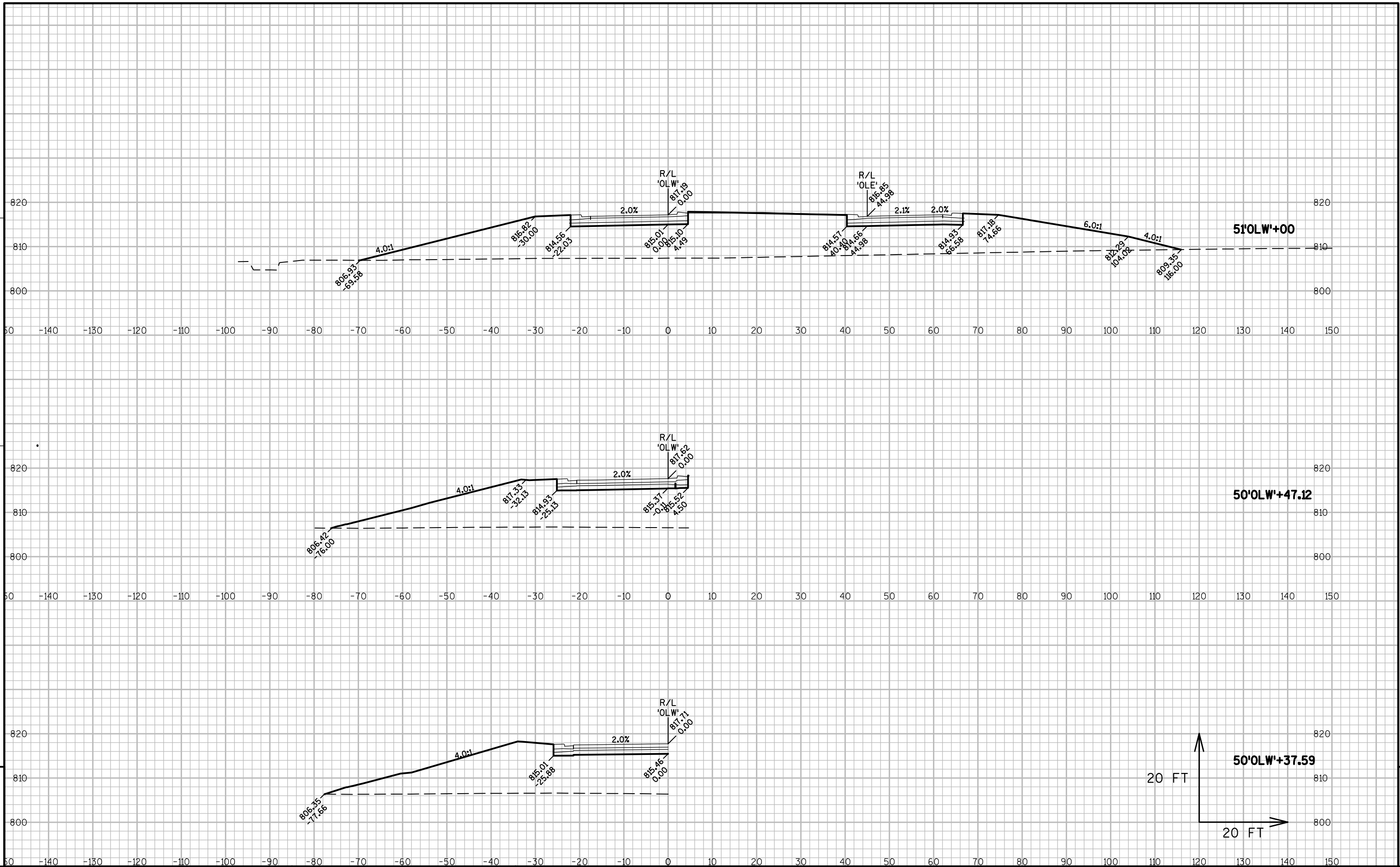


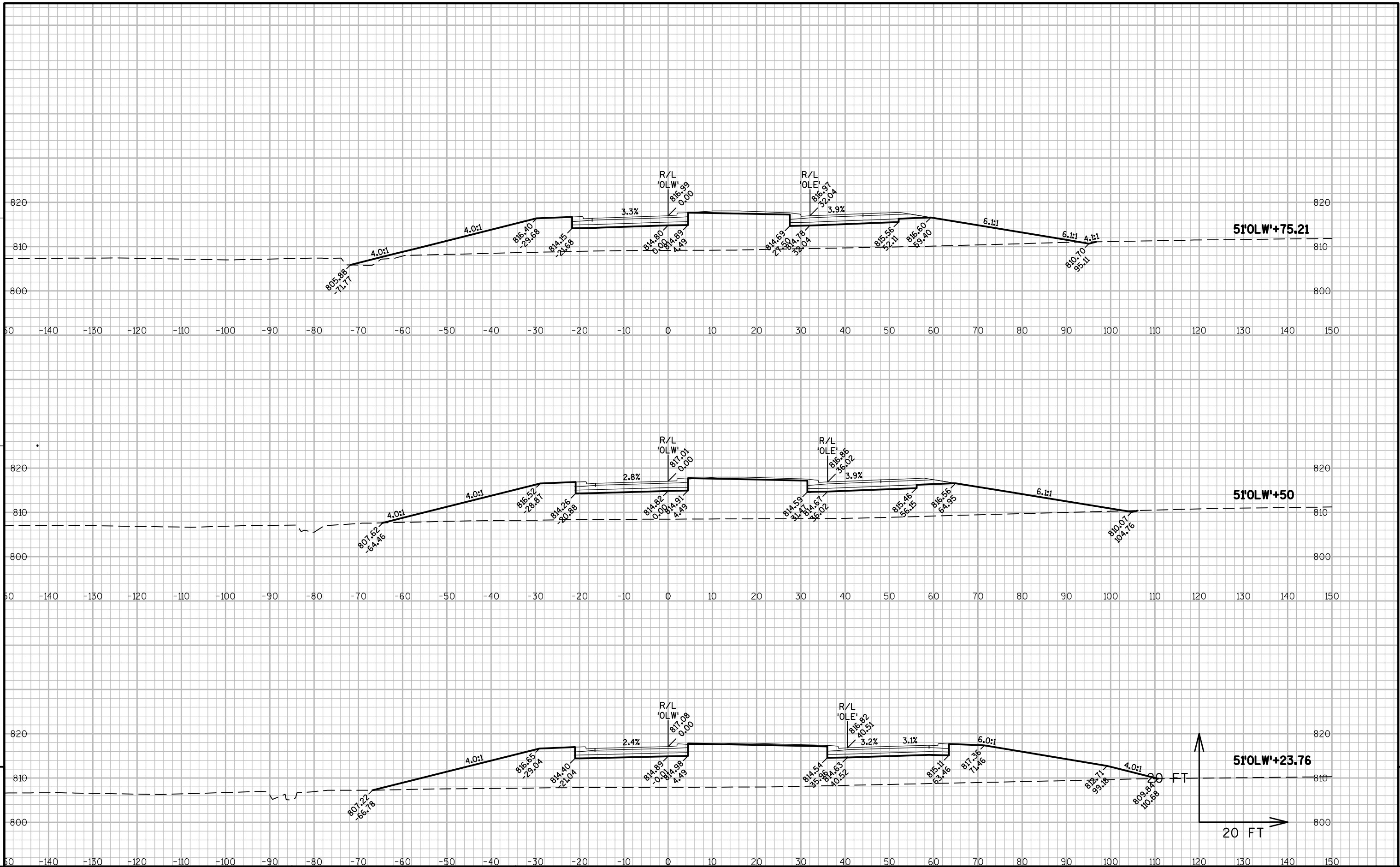


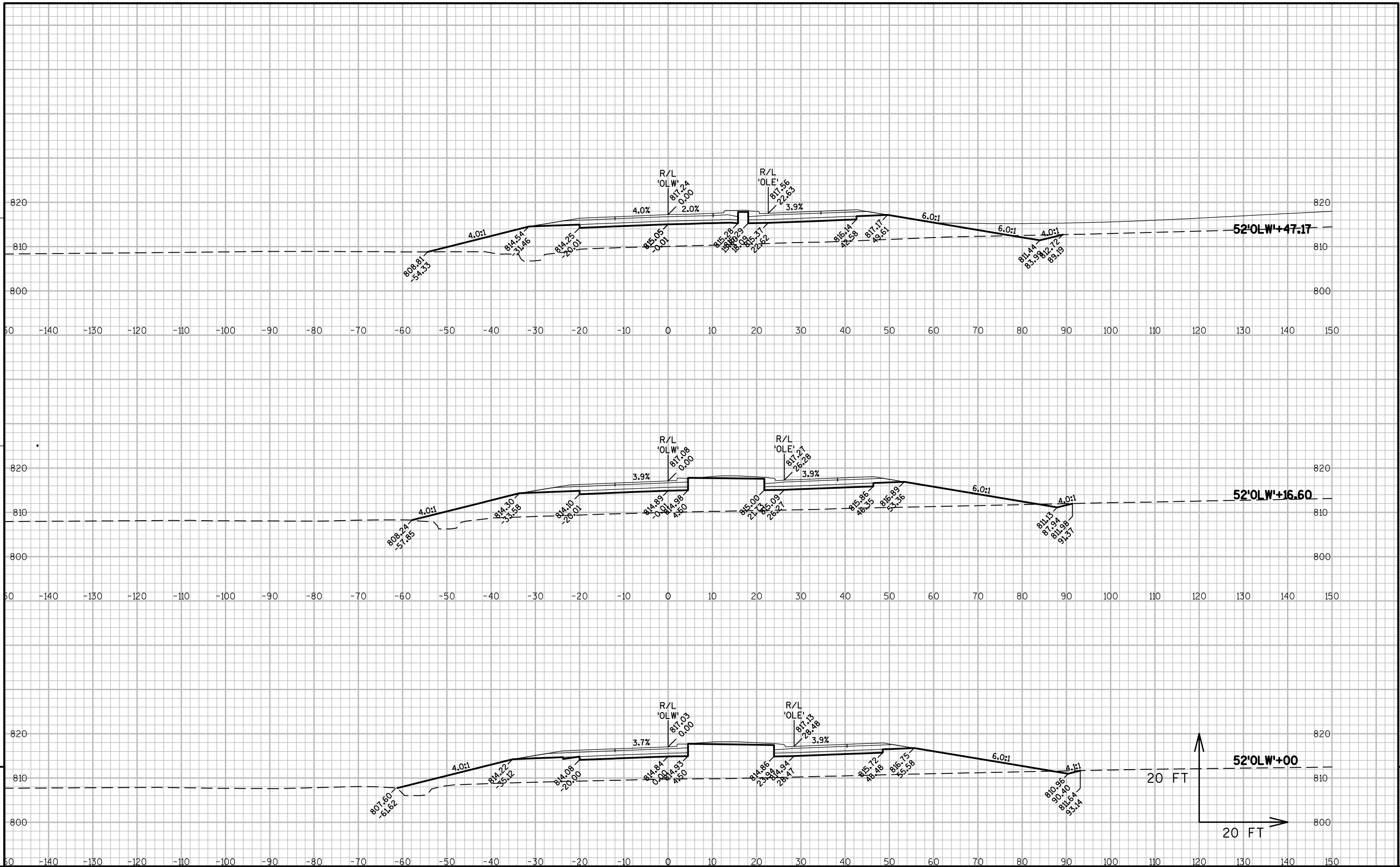


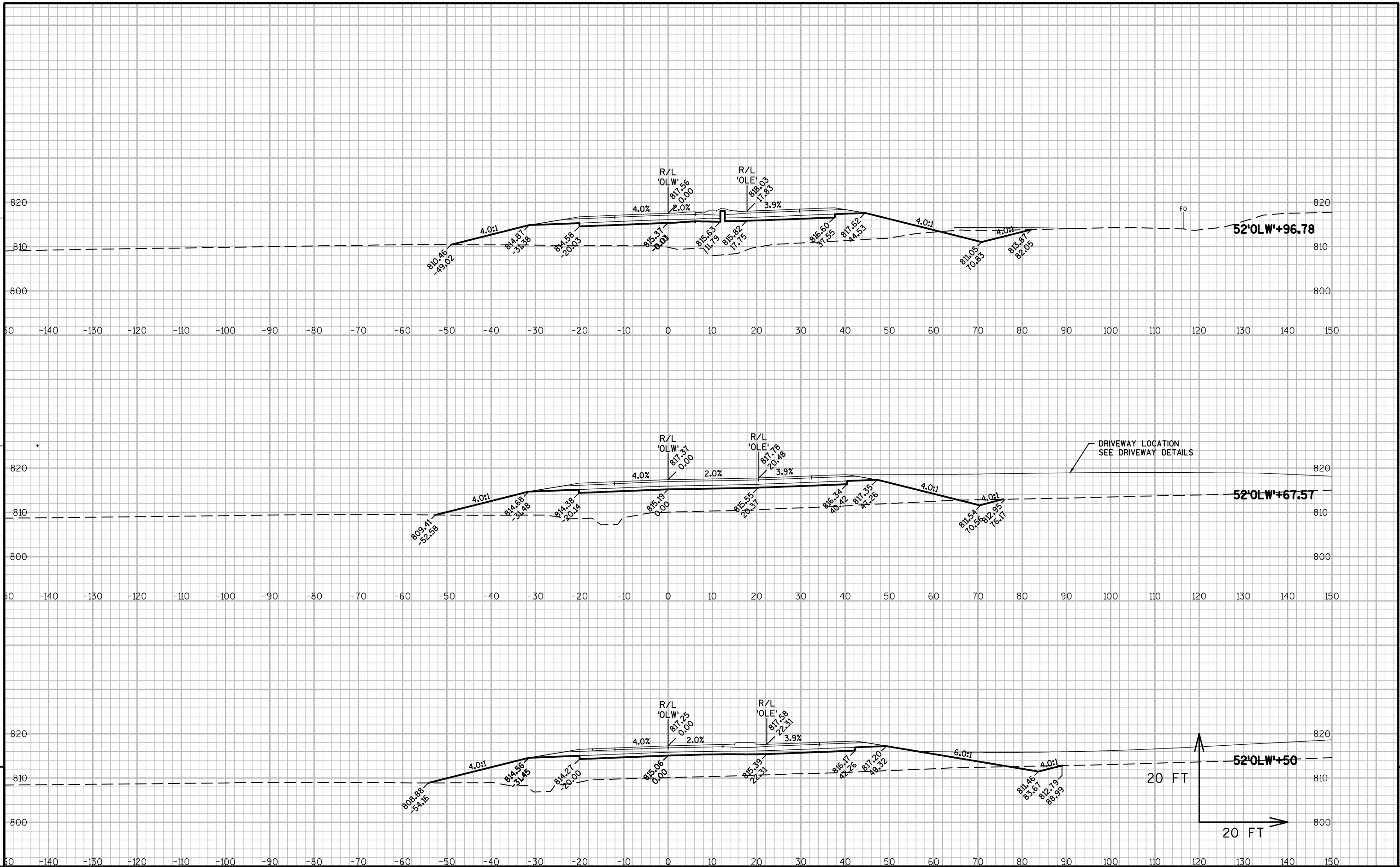


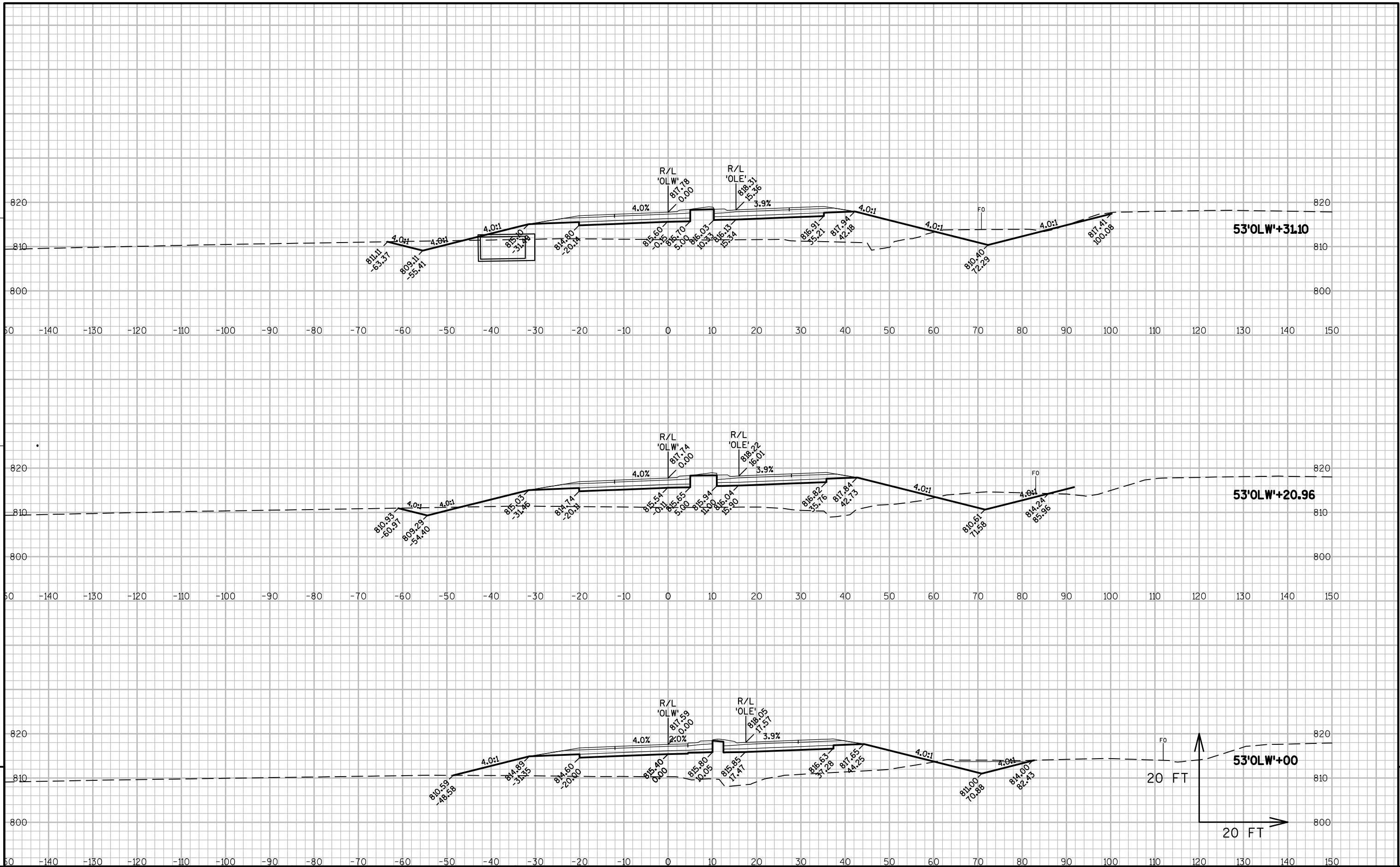


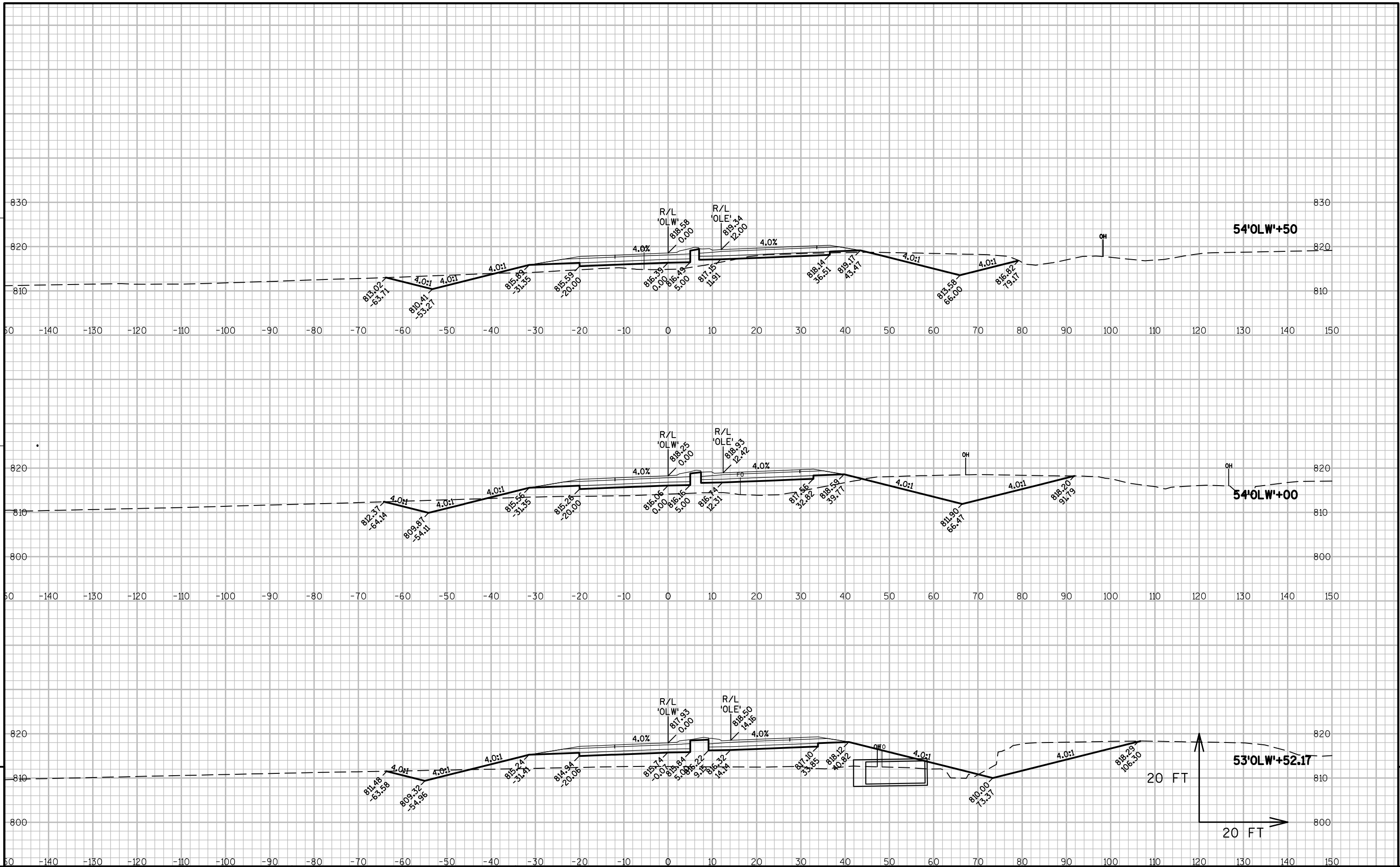


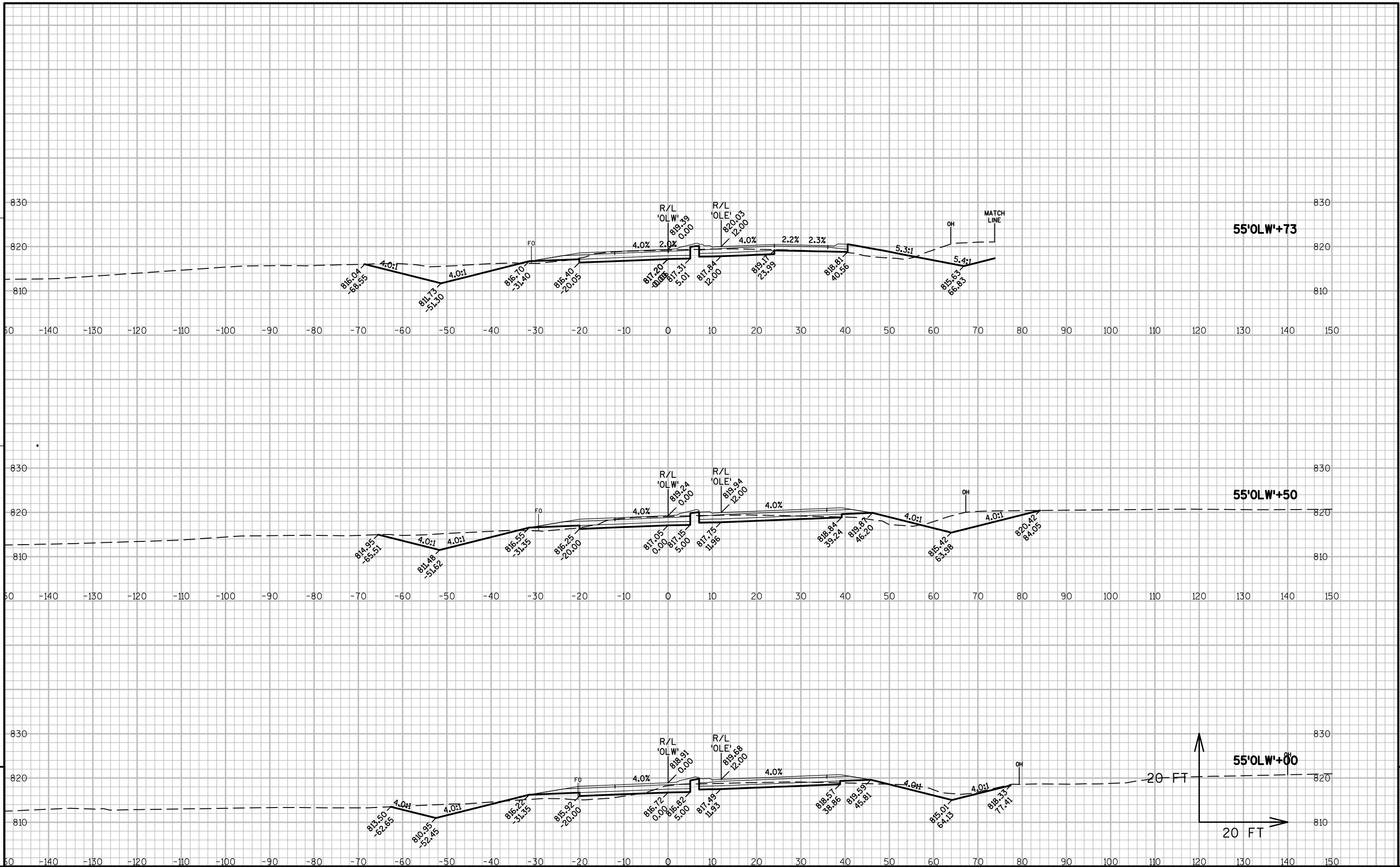


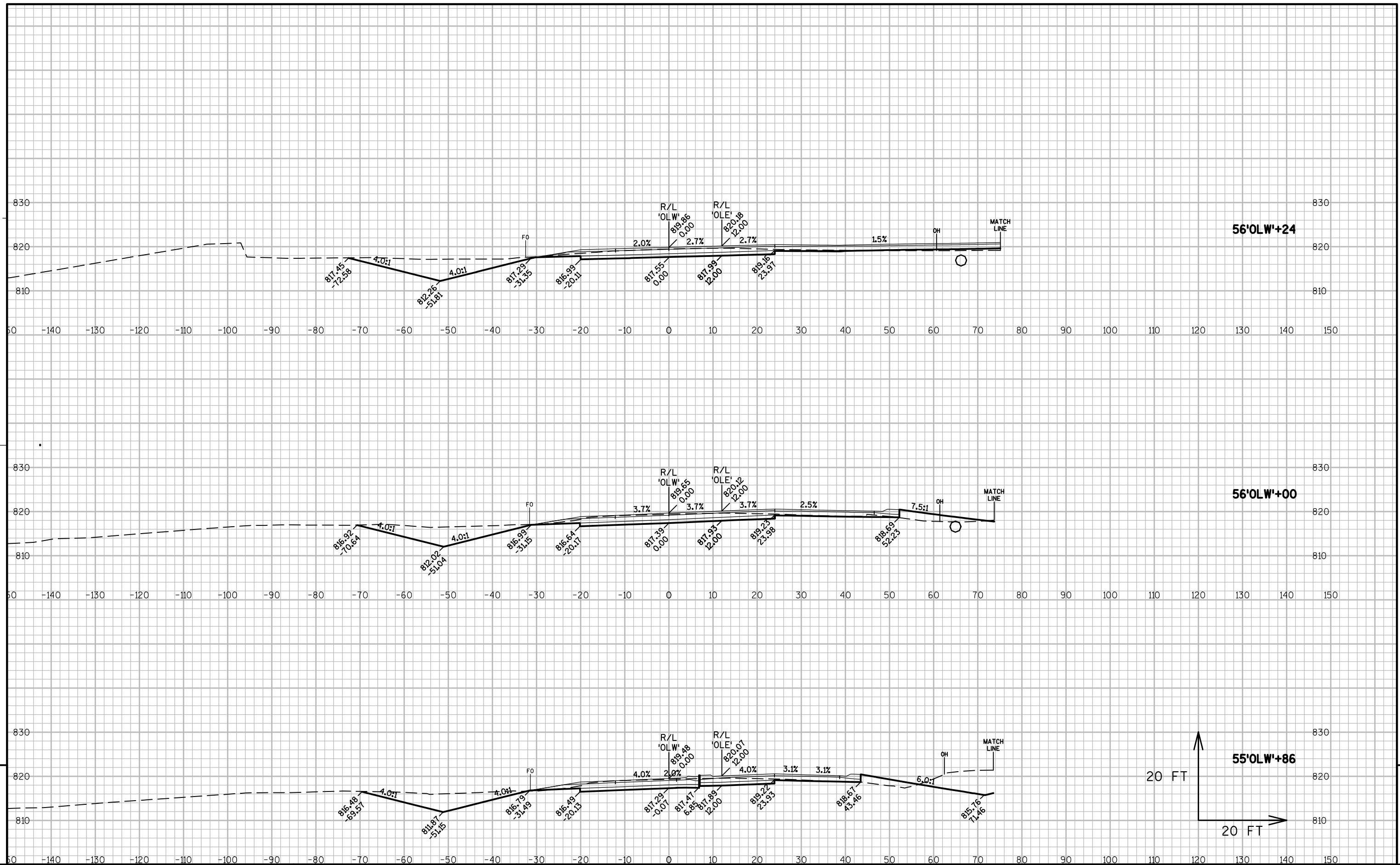


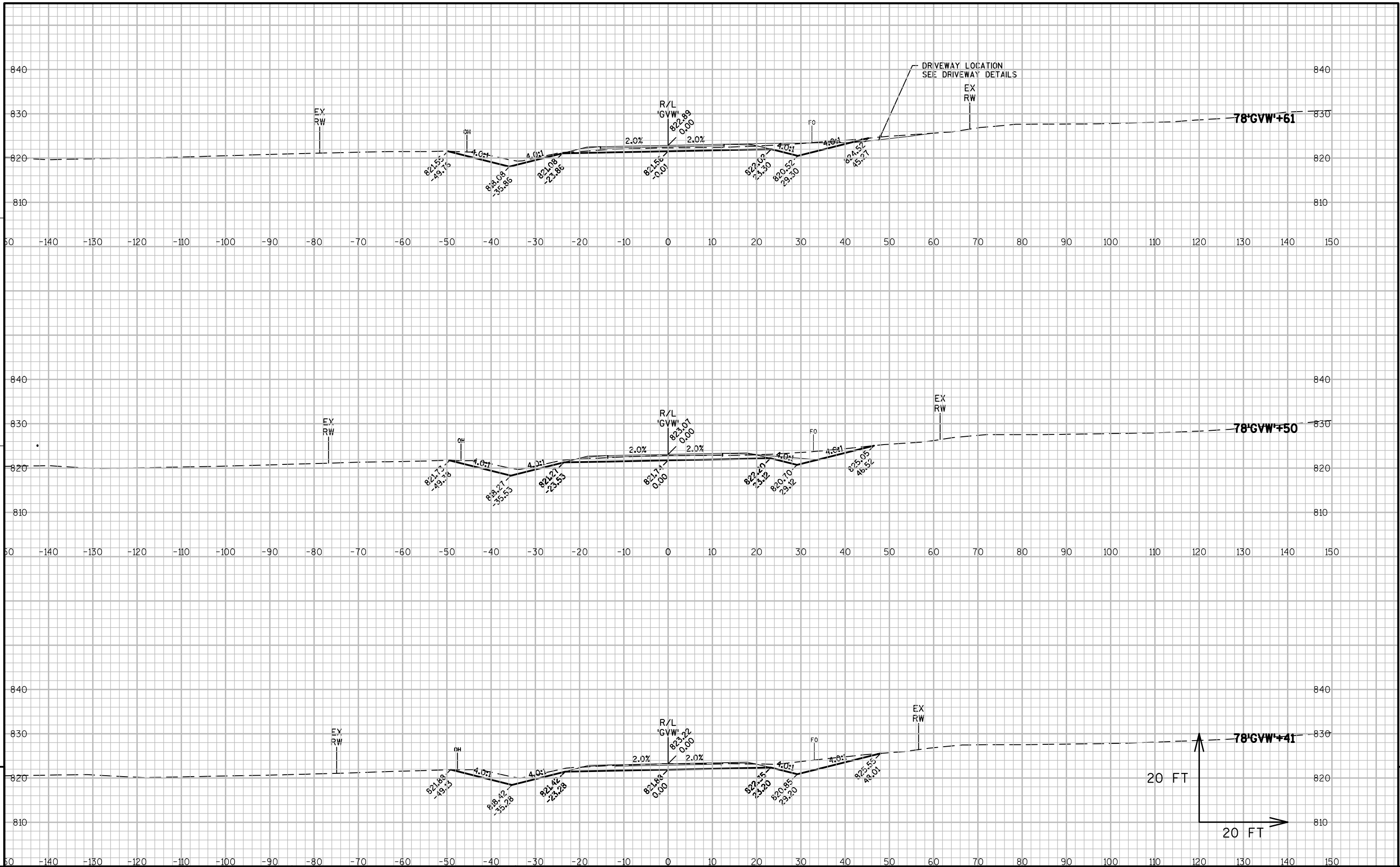


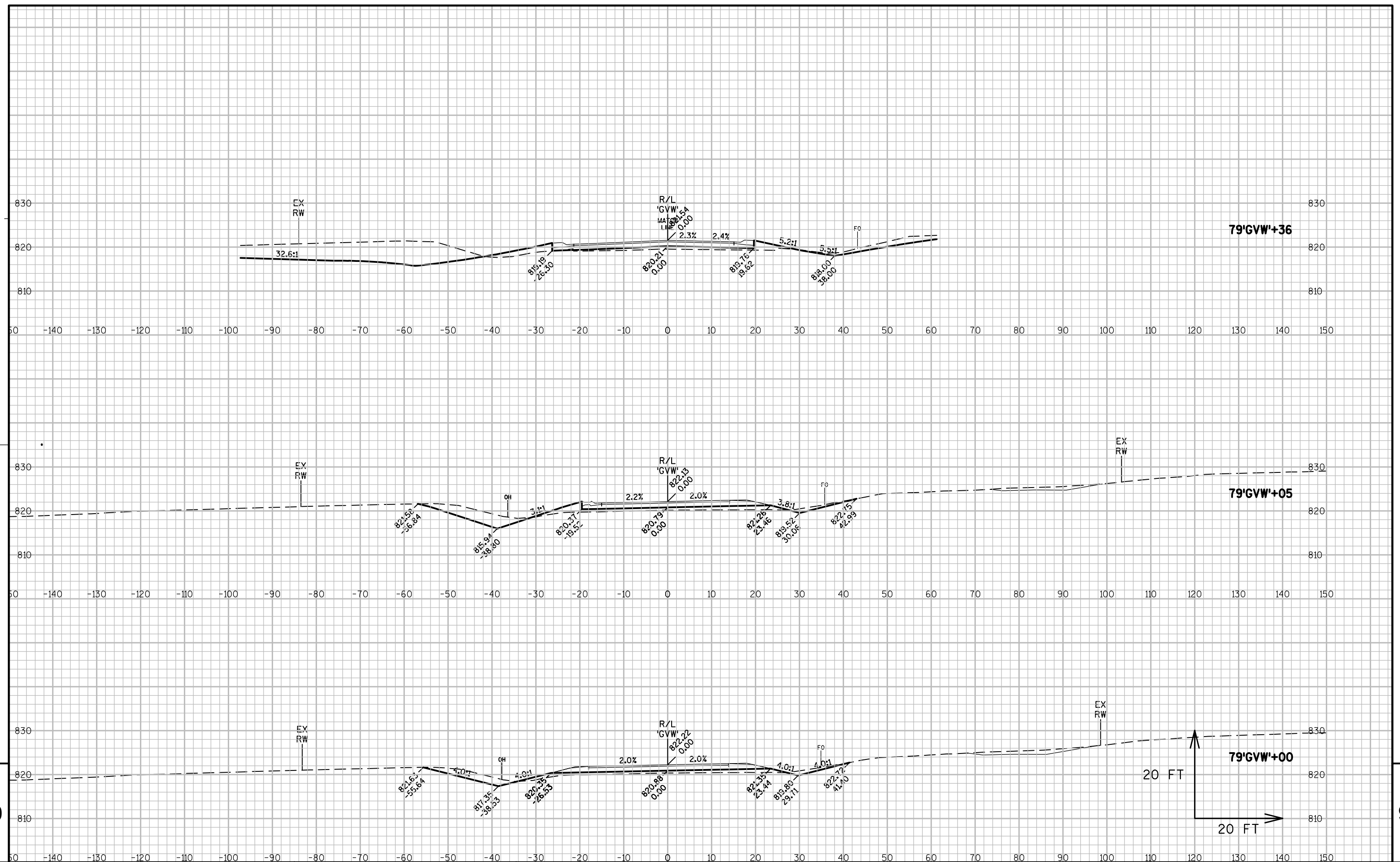
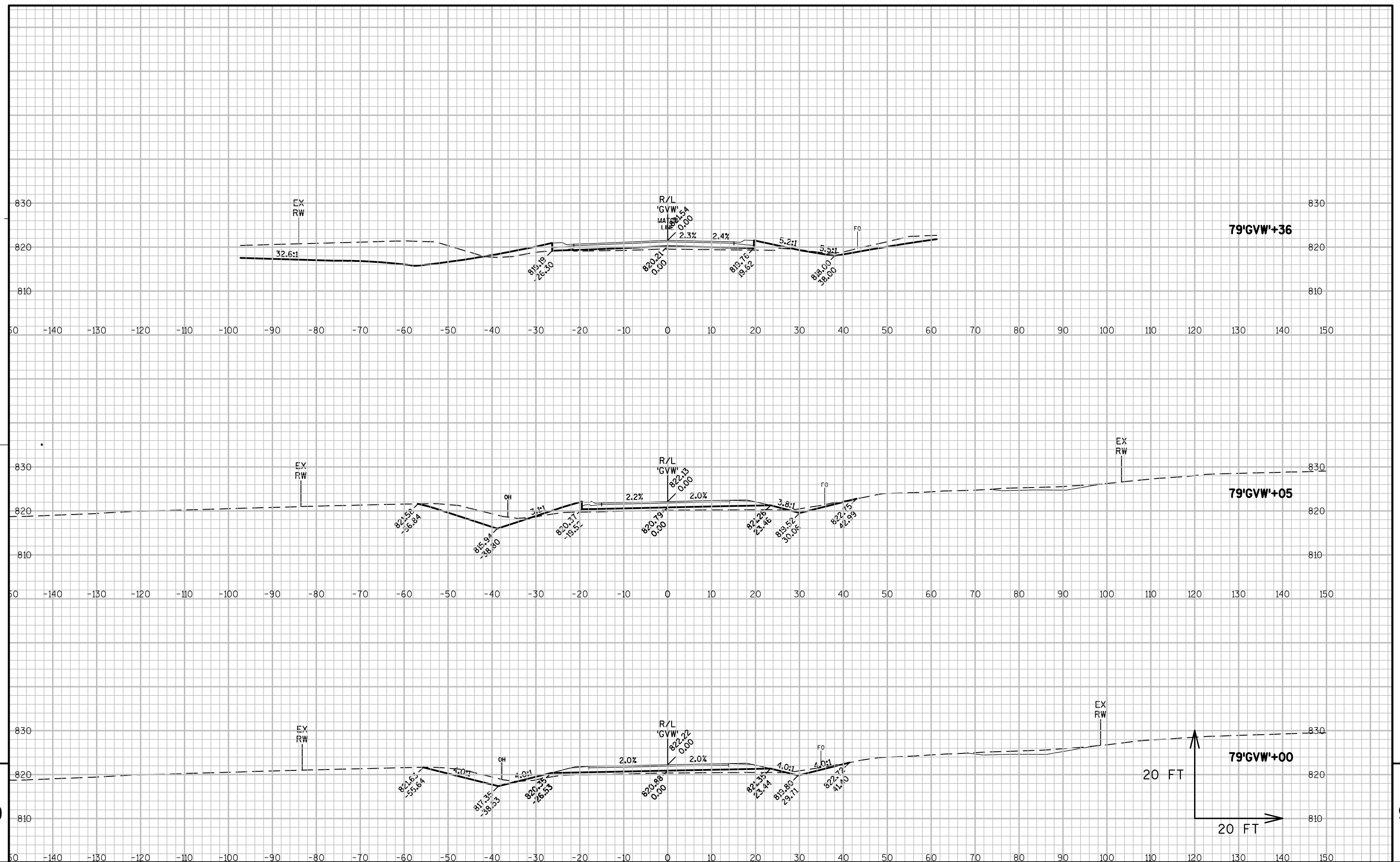


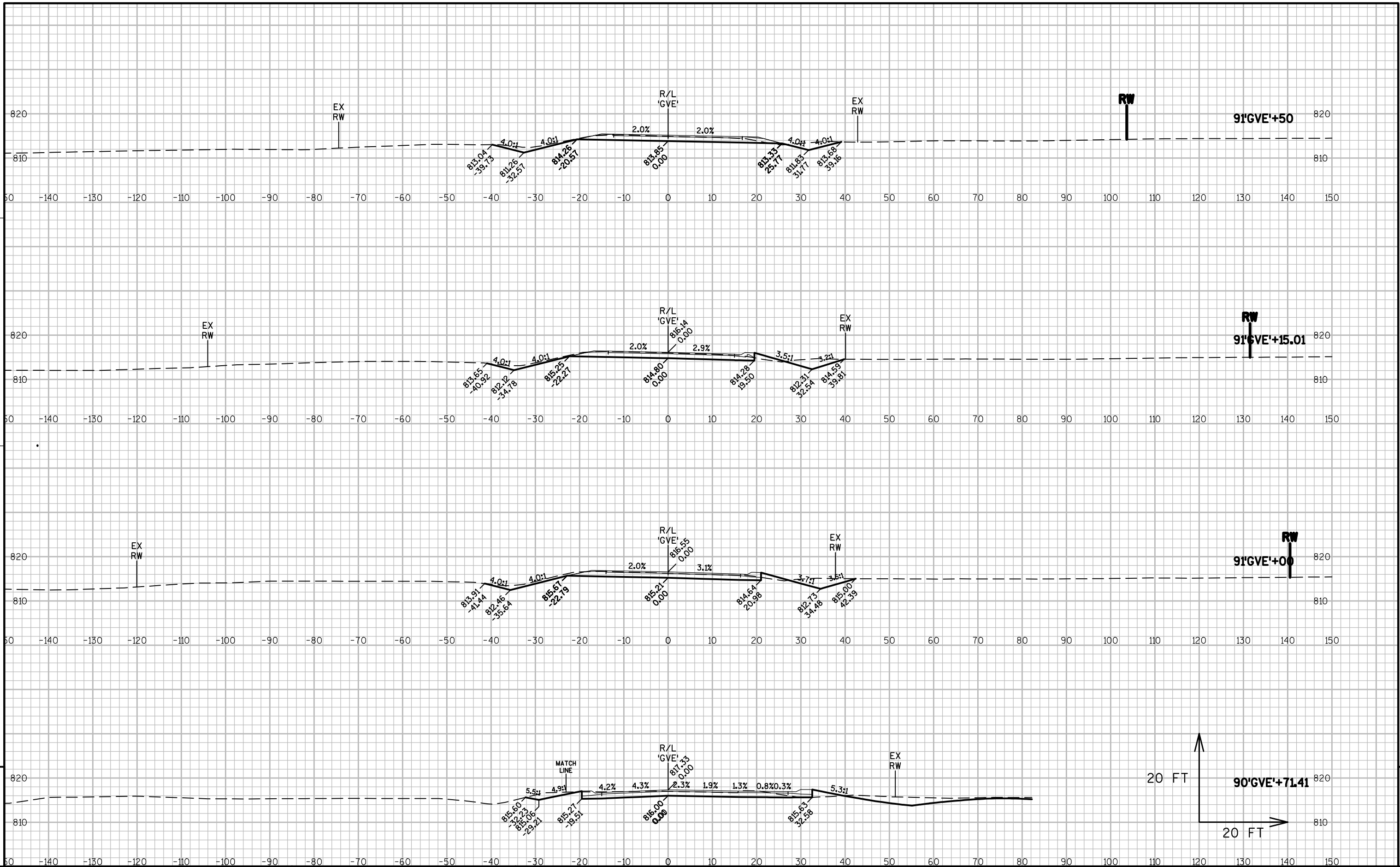




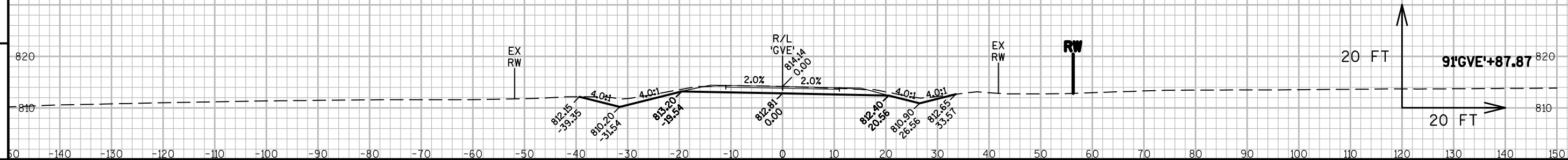






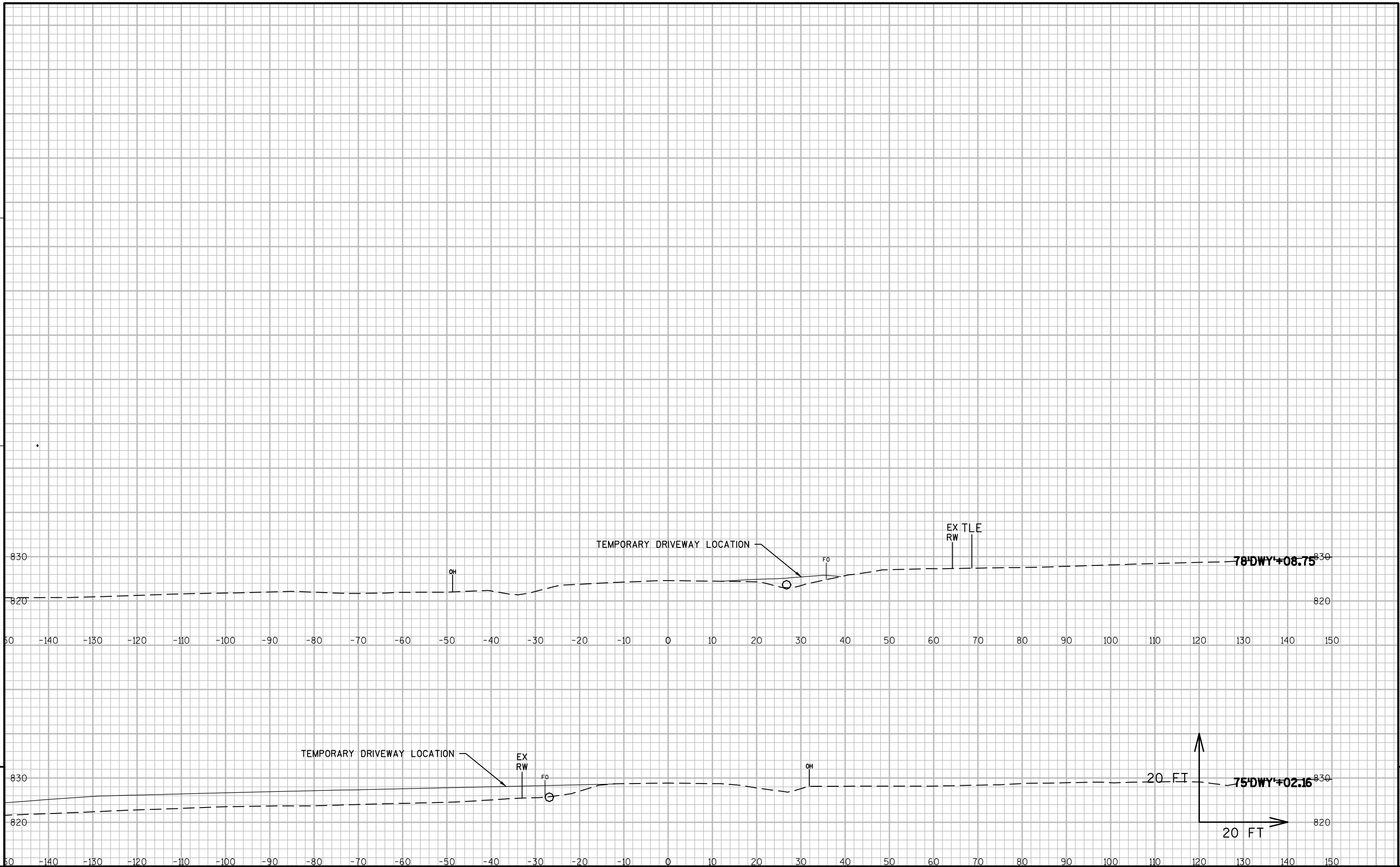


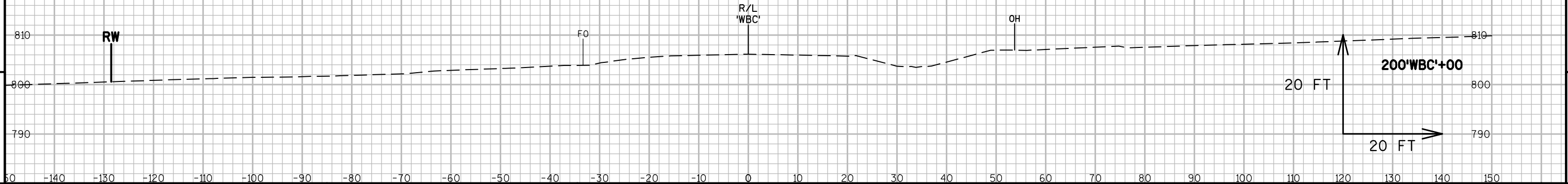
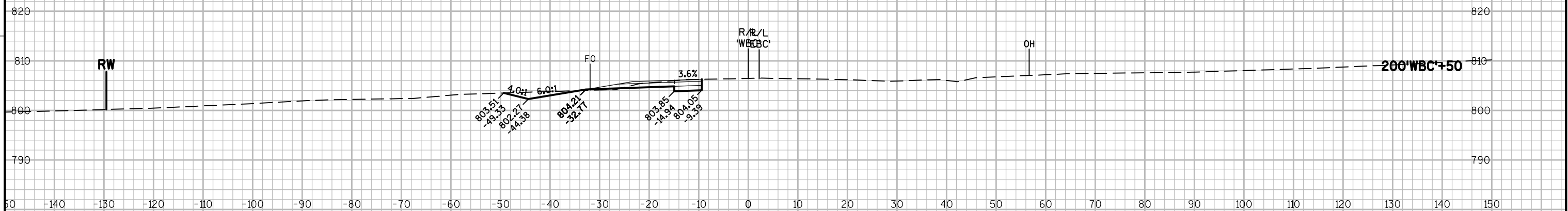
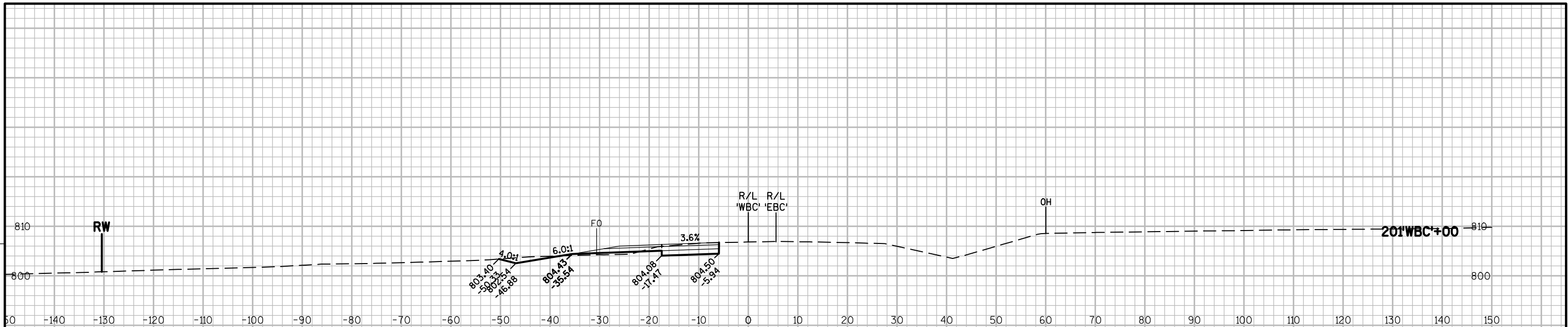
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PROJECT NO: 1146-75-76	HWY: STH 15	COUNTY: OUTAGAMIE	CROSS SECTIONS - GIVENS ROAD - EAST	SHEET	E
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PROJECT NO:1146-75-76

HWY:STH 15

COUNTY:OUTAGAMIE

CROSS SECTIONS - TEMPORARY CONNECTION - WB

SHEET

E

FILE NAME : N:\PDS\C3D\11467571\SHEETSPLAN\11467576\11467576_091101_XS (WBC).DWG
LAYOUT NAME - 091101_XS

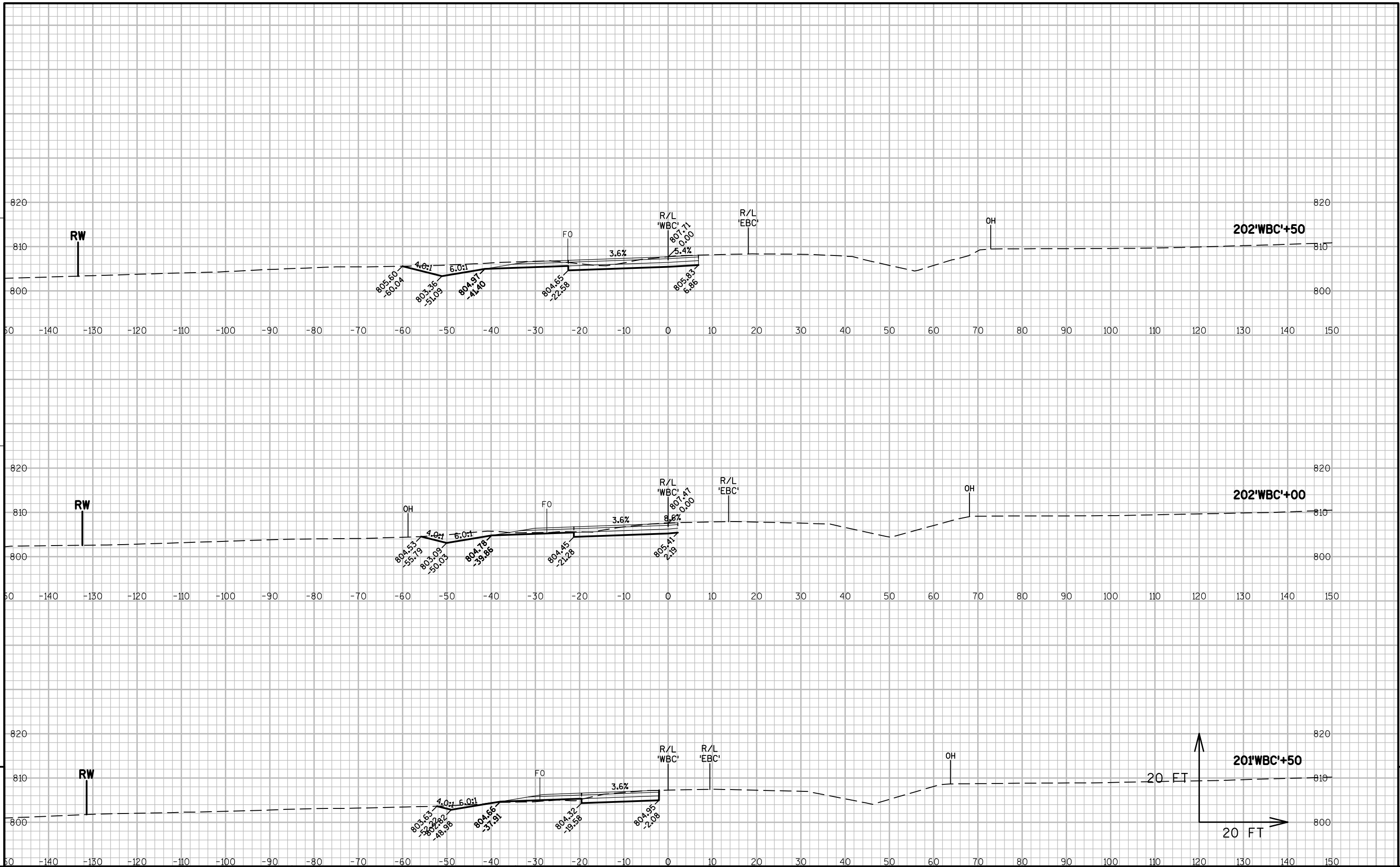
PLOT DATE : 4/29/2019 2:39 PM

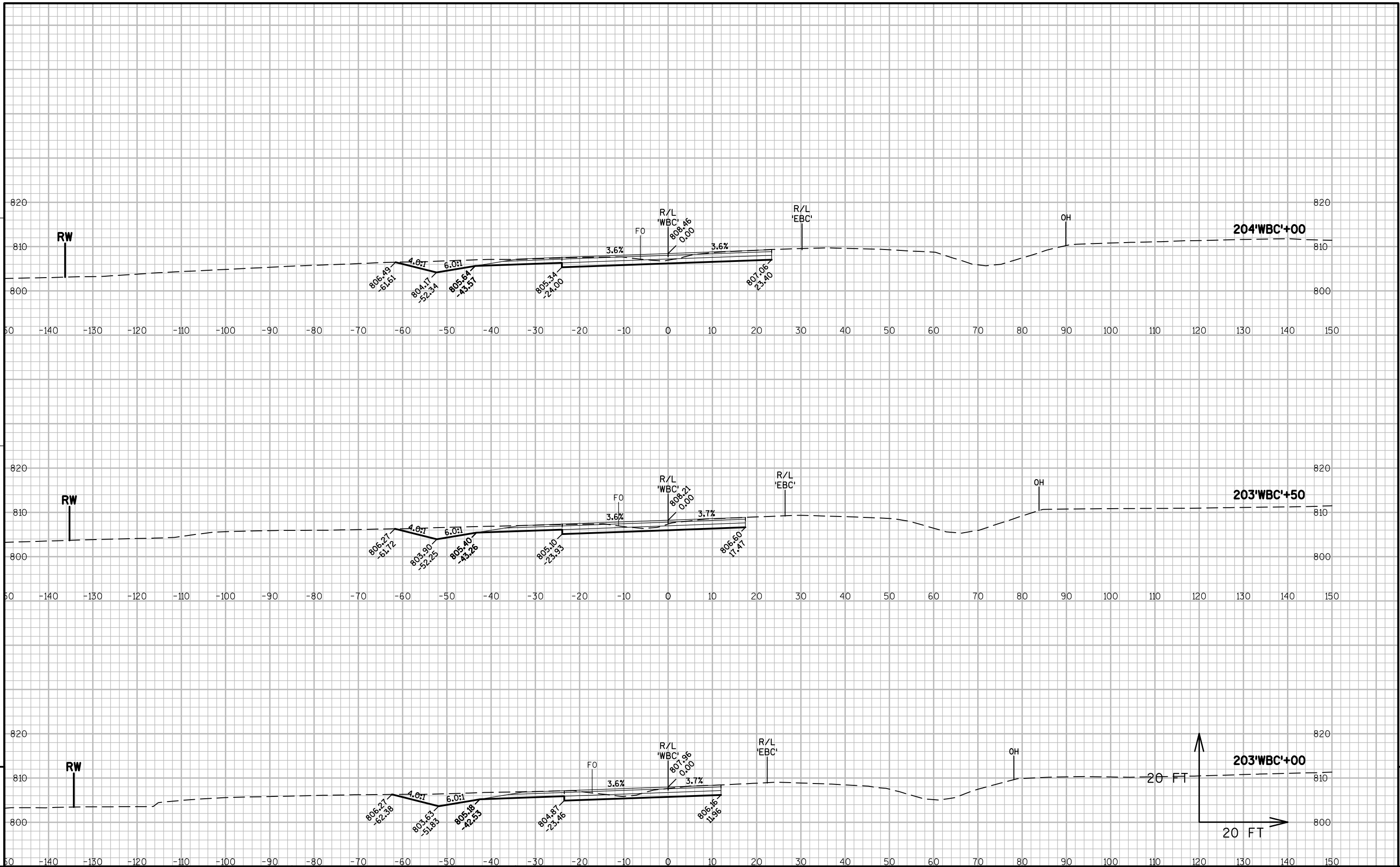
PLOT BY : SIMMONS, MASON A

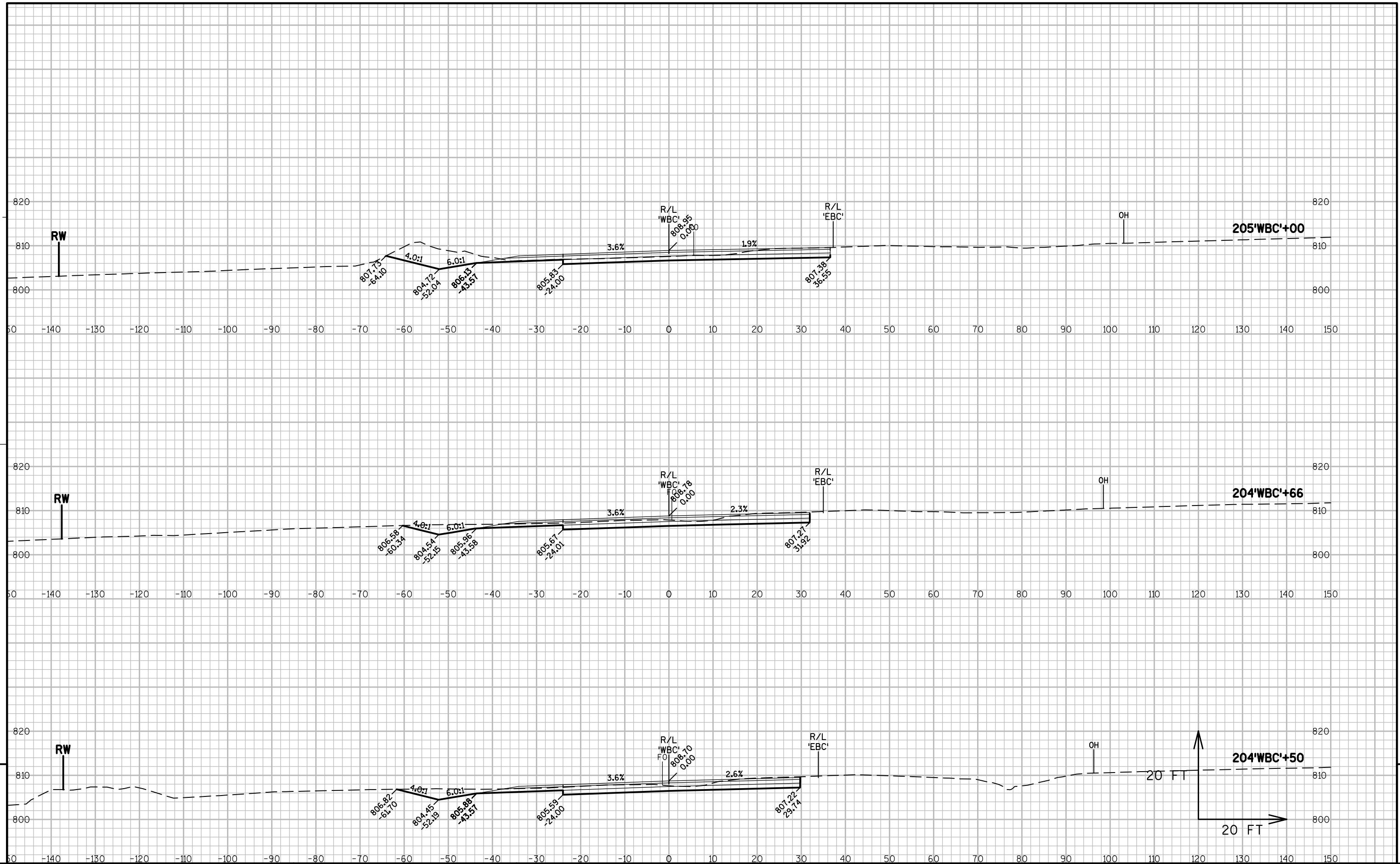
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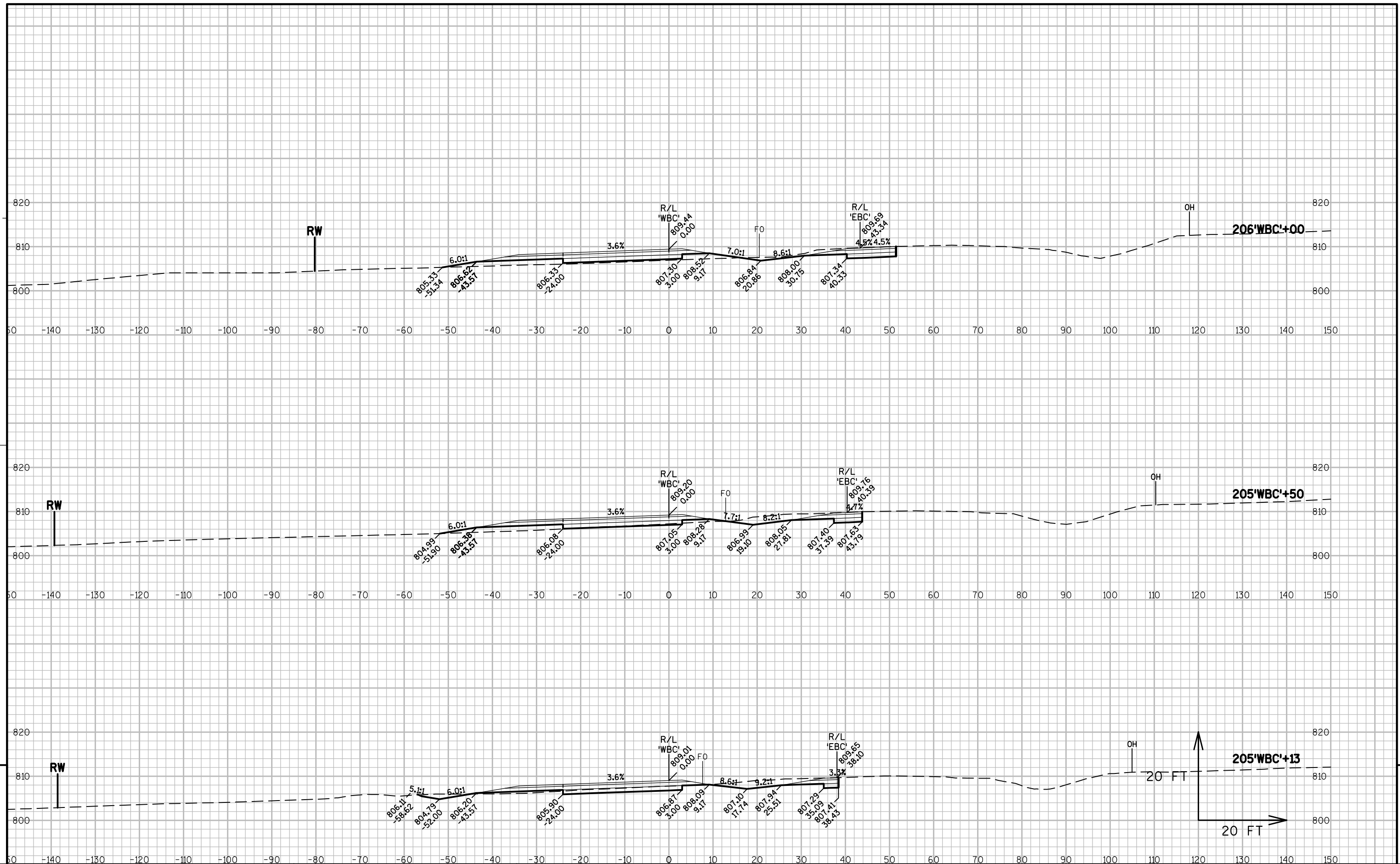
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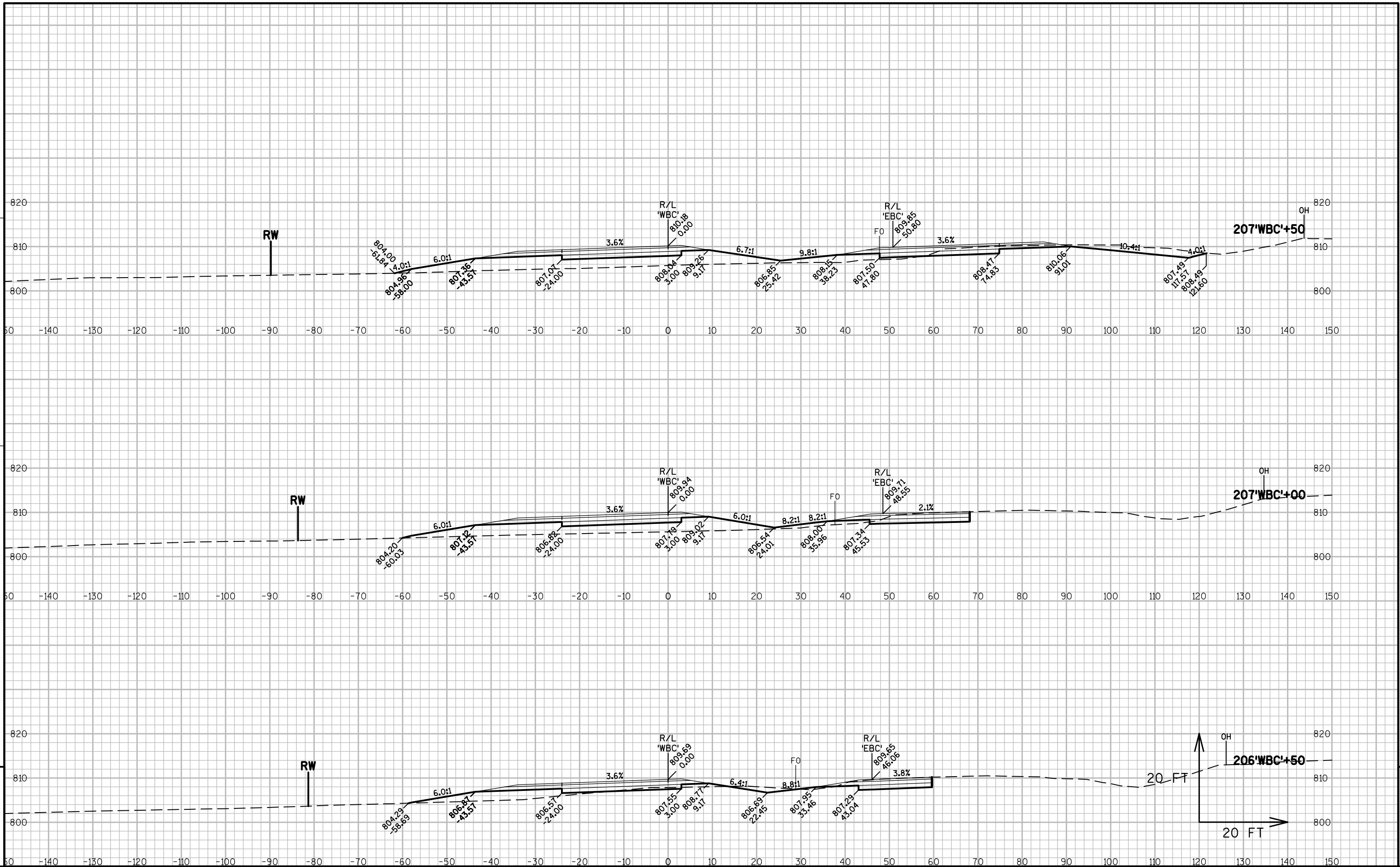
WISDOT/CADDs SHEET 49

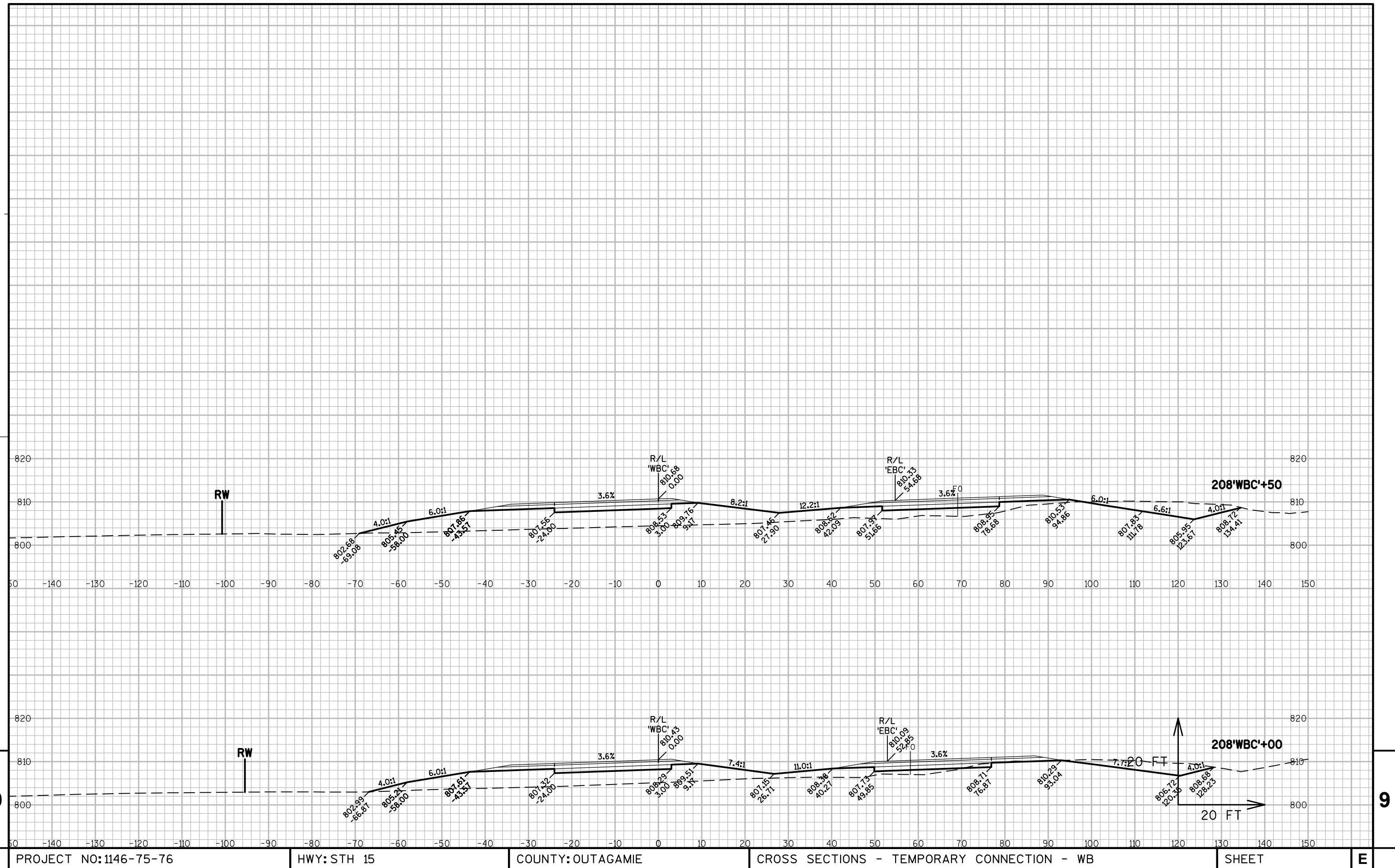


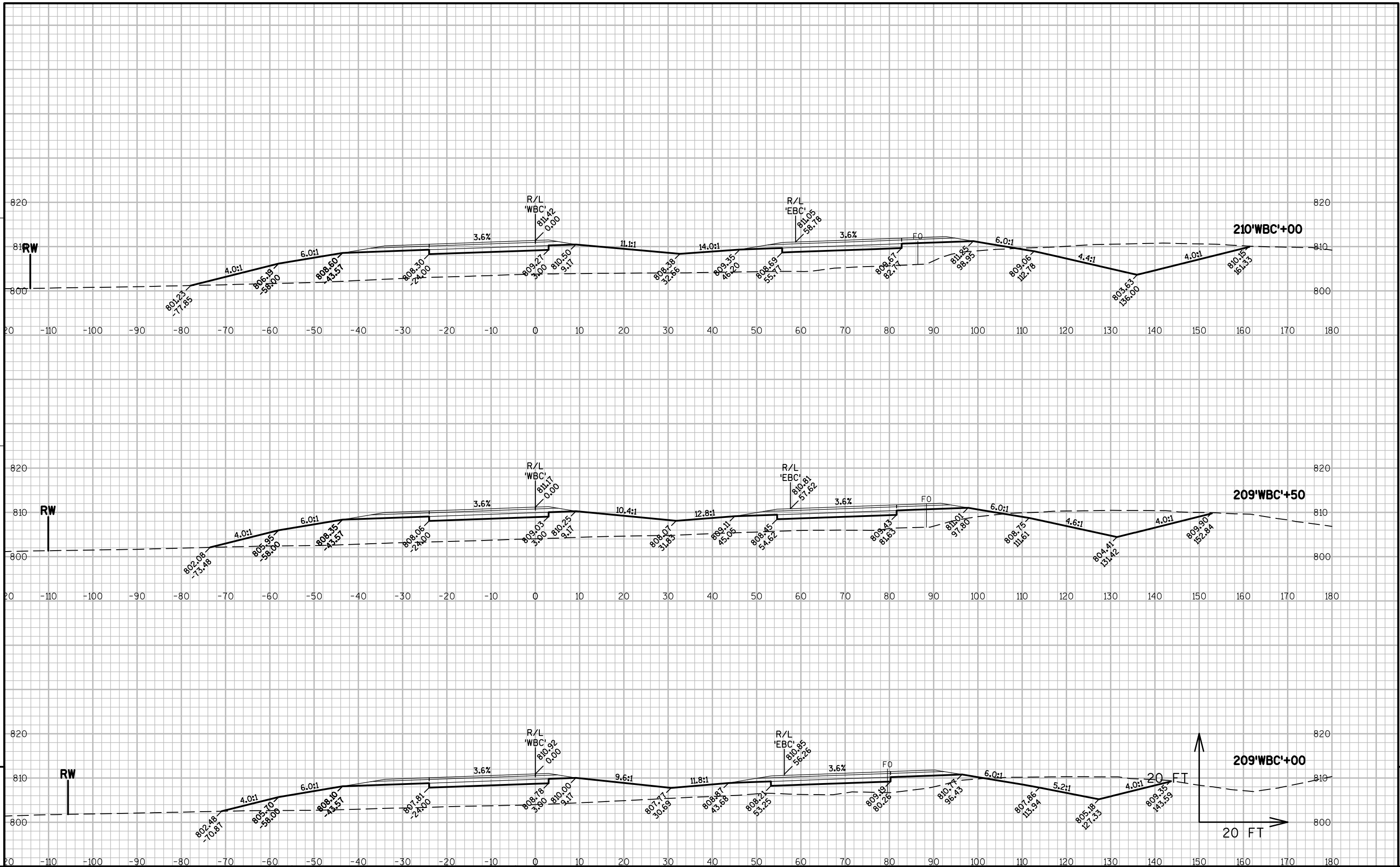


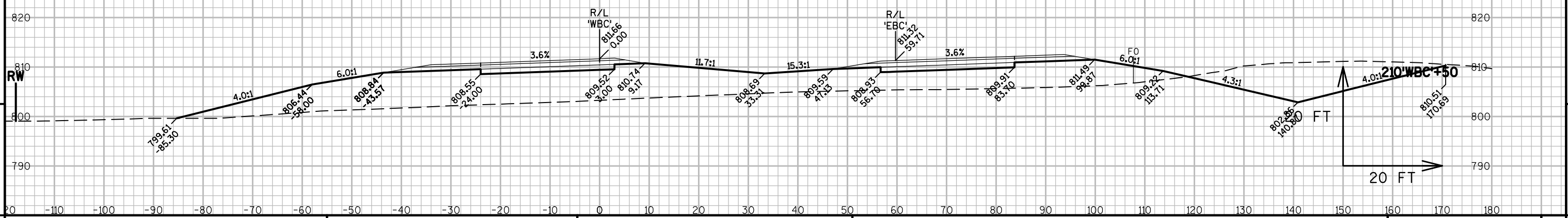
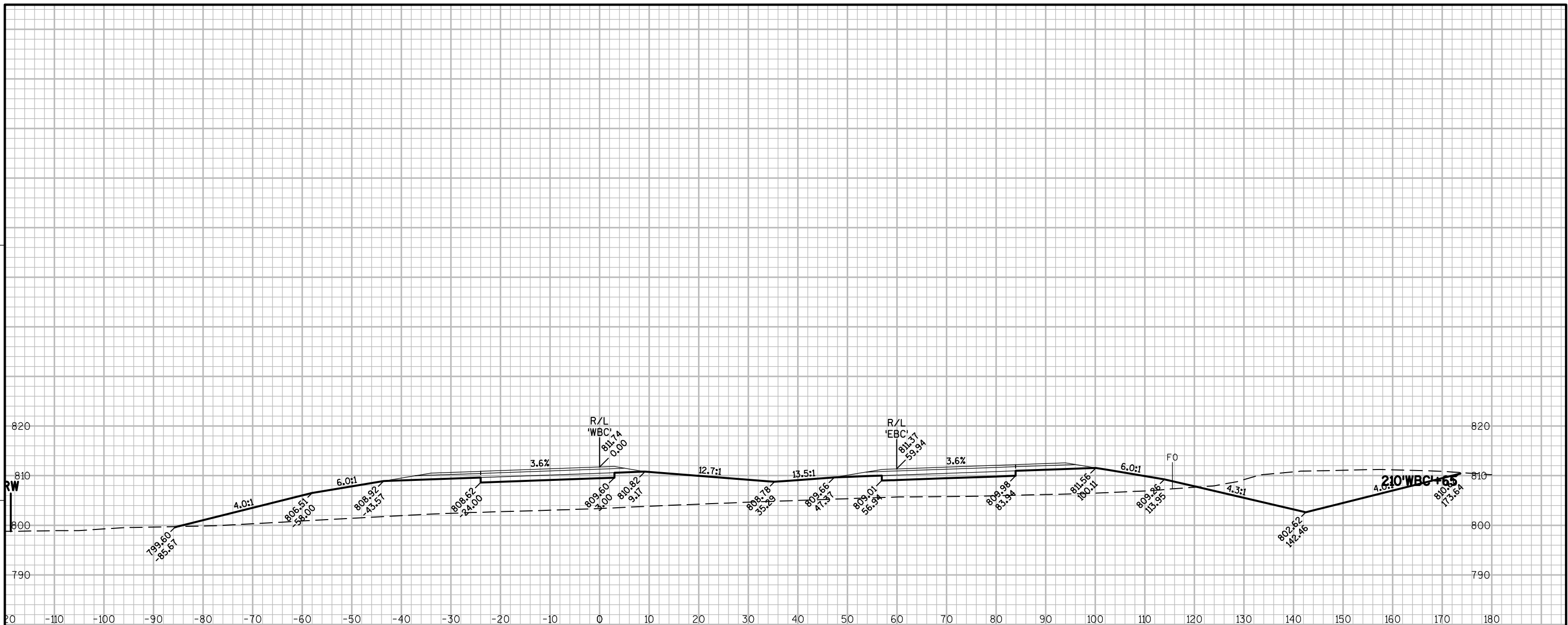


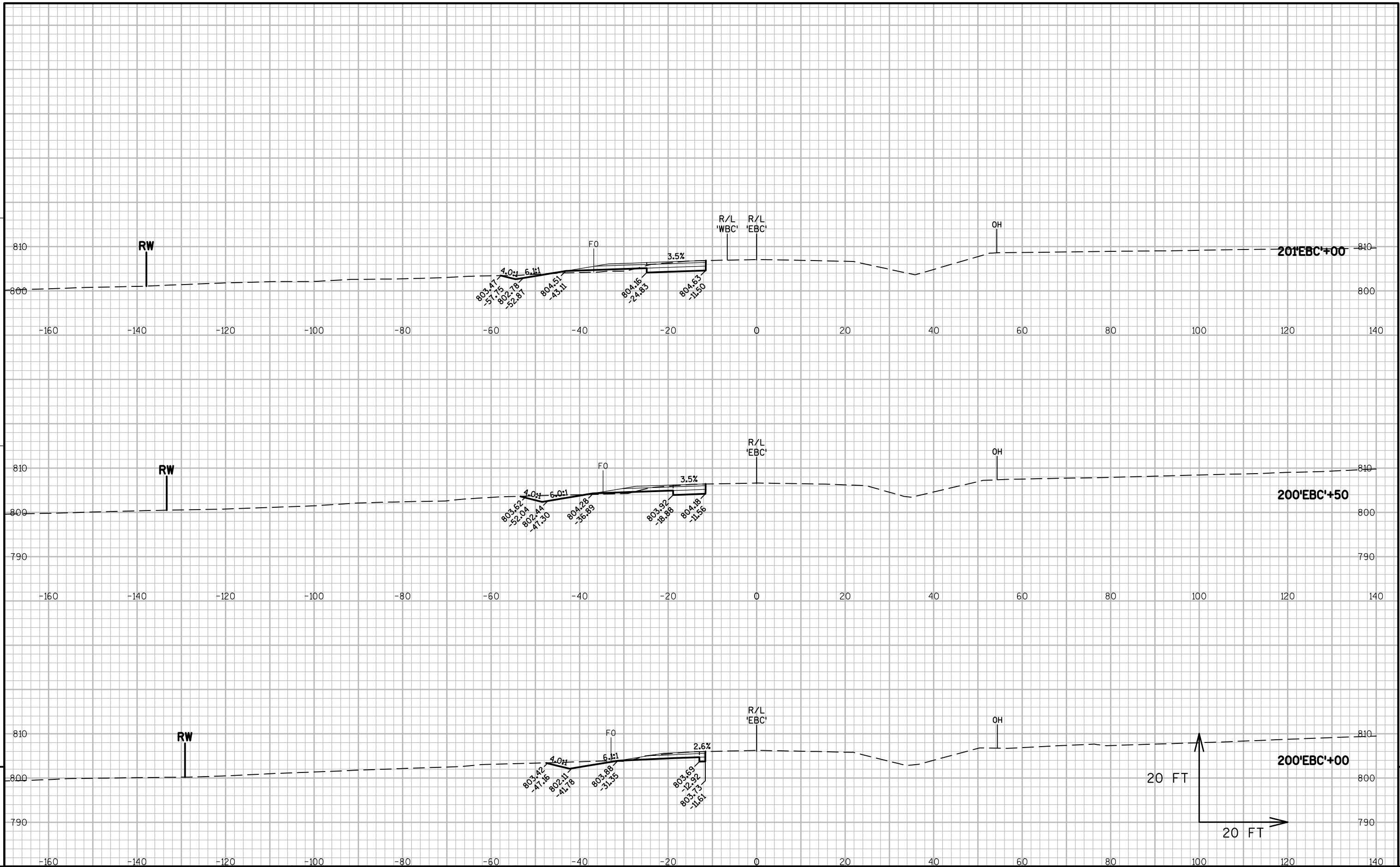


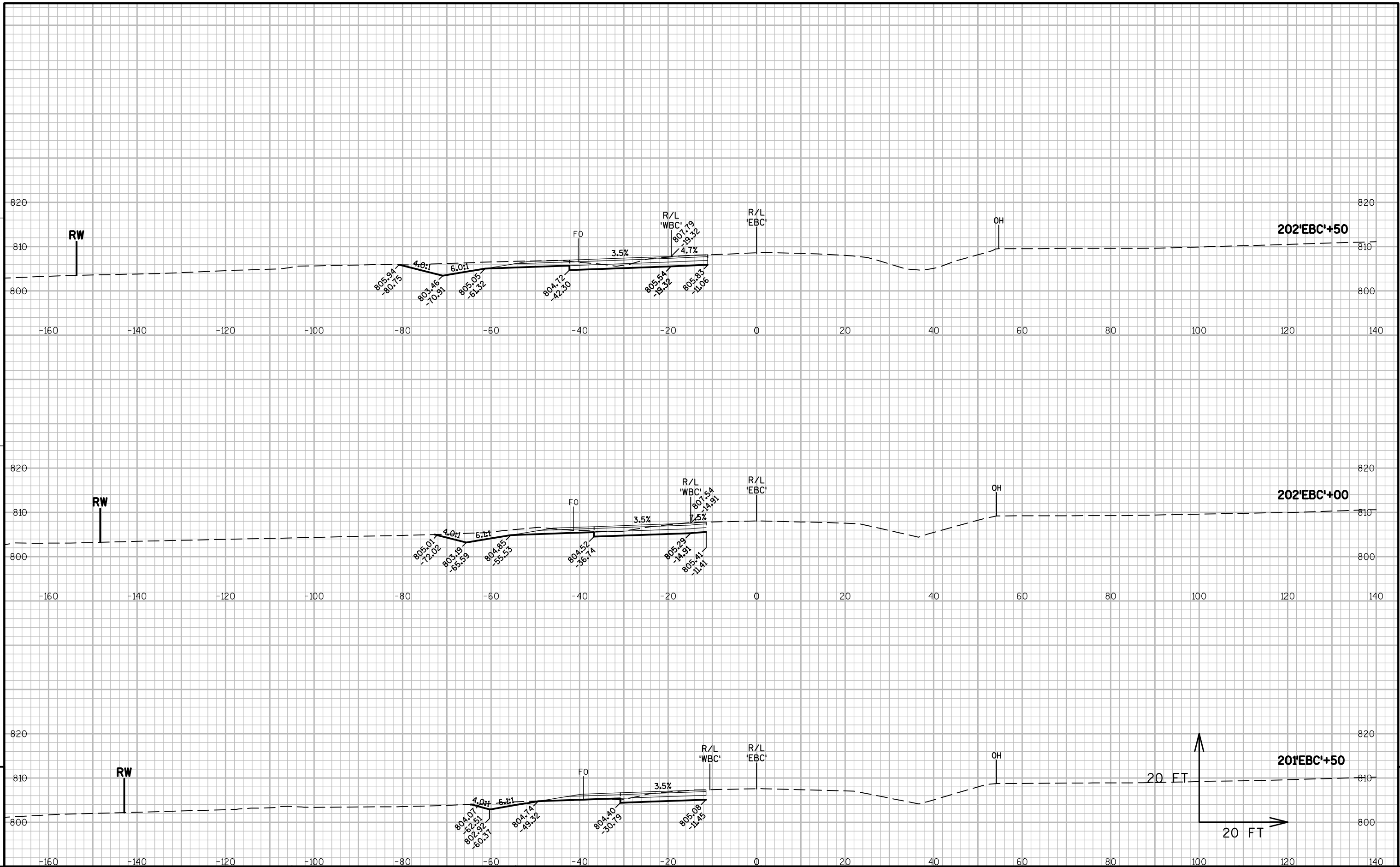


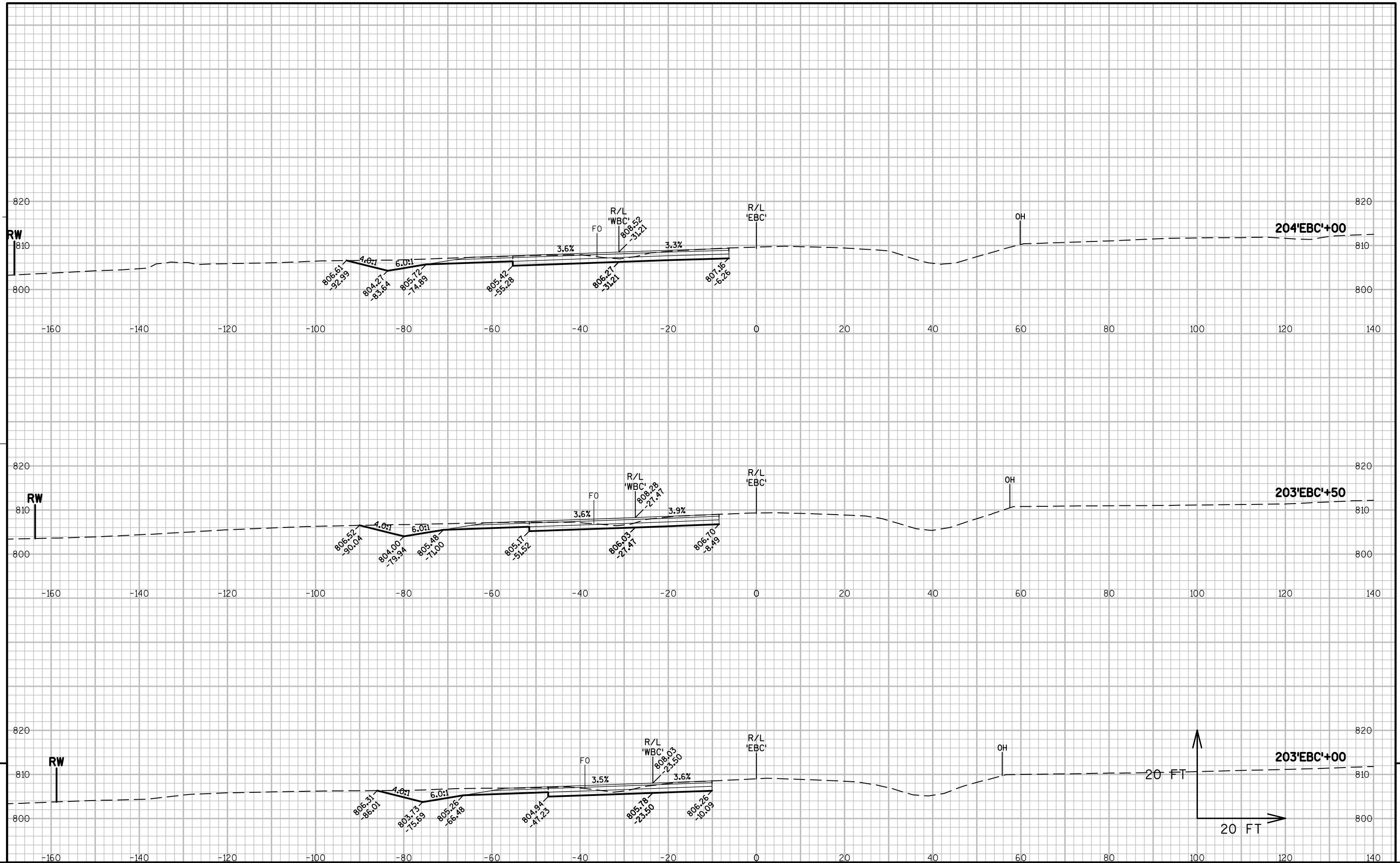


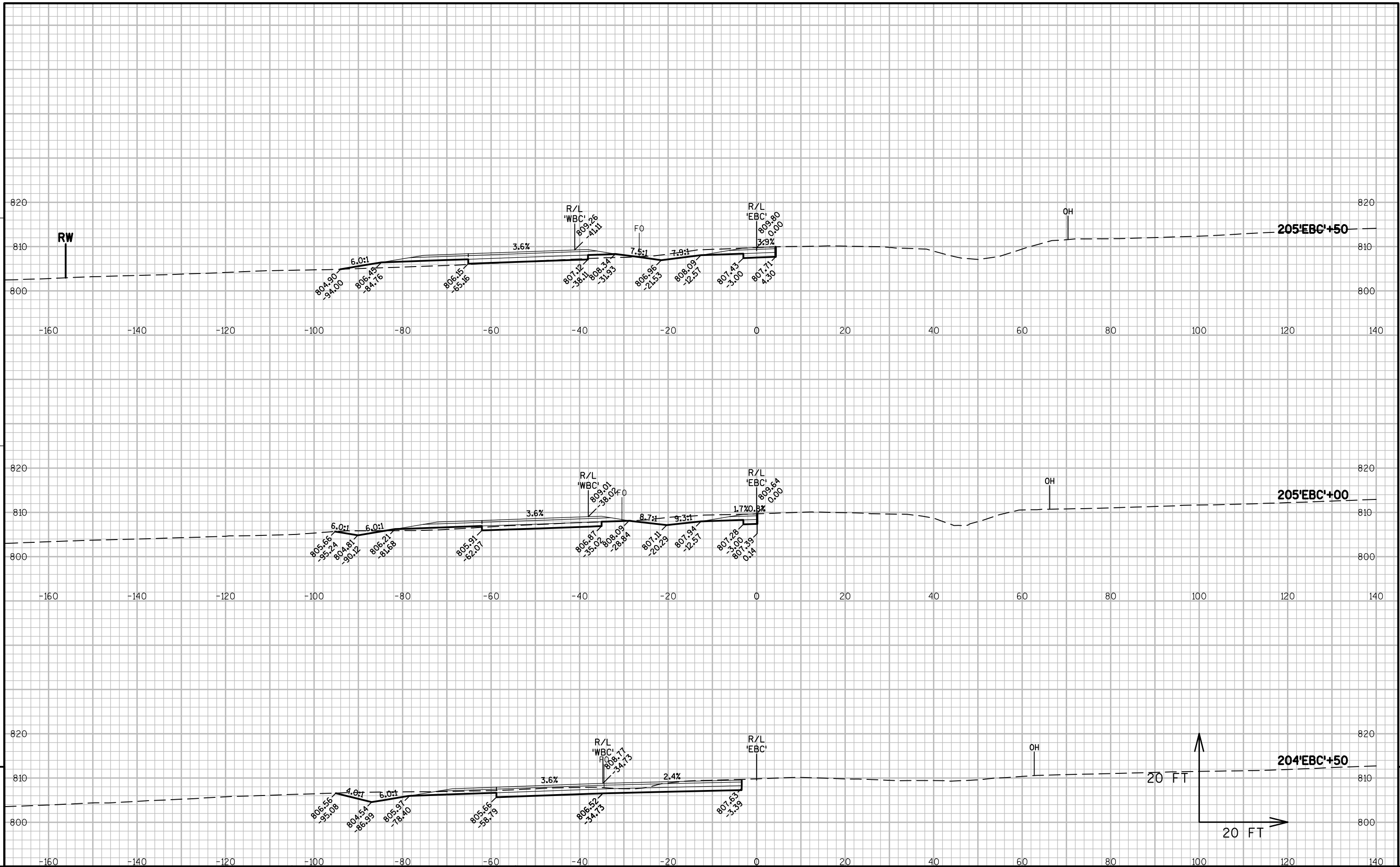


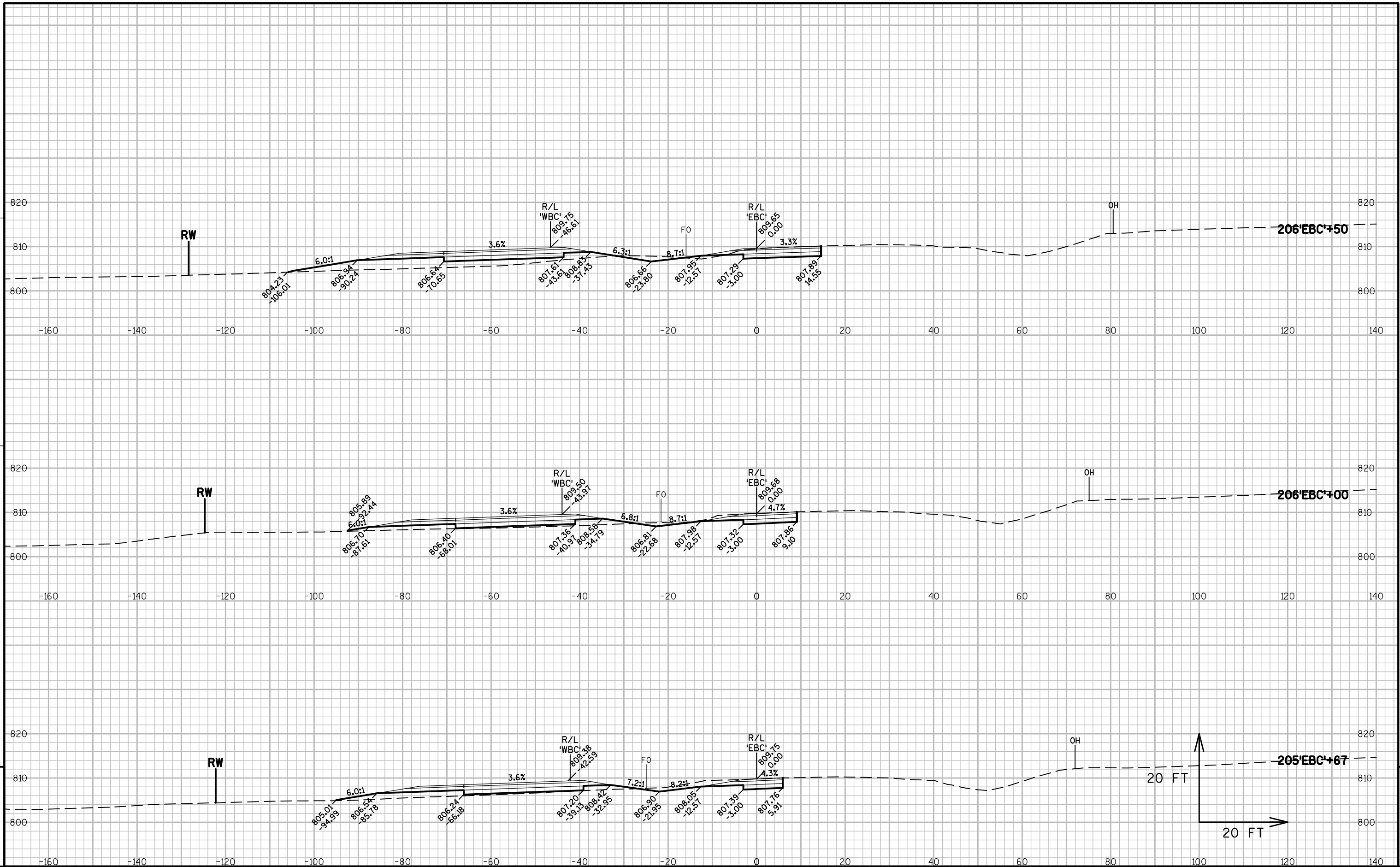


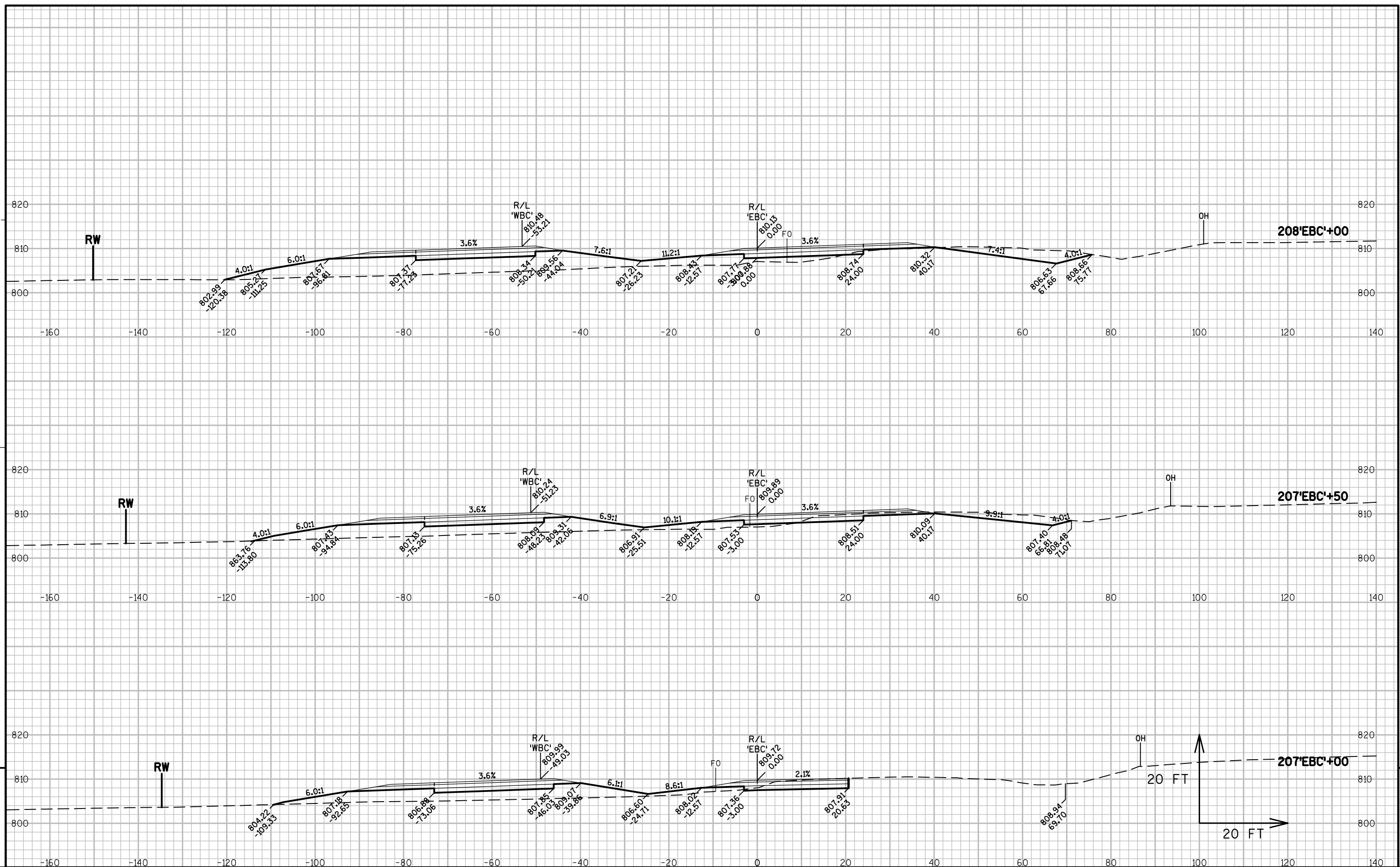












PROJECT NO:1146-75-76

HWY: STH 15

COUNTY: OUTAGAMIE

CROSS SECTIONS - TEMPORARY CONNECTION-EB

SHEET

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FILE NAME : N:\PDS\C3D\11467571\SHEETSPLAN\11467576\11467576_091201_XS (EBC) .DWG
LAYOUT NAME - 091206-XS

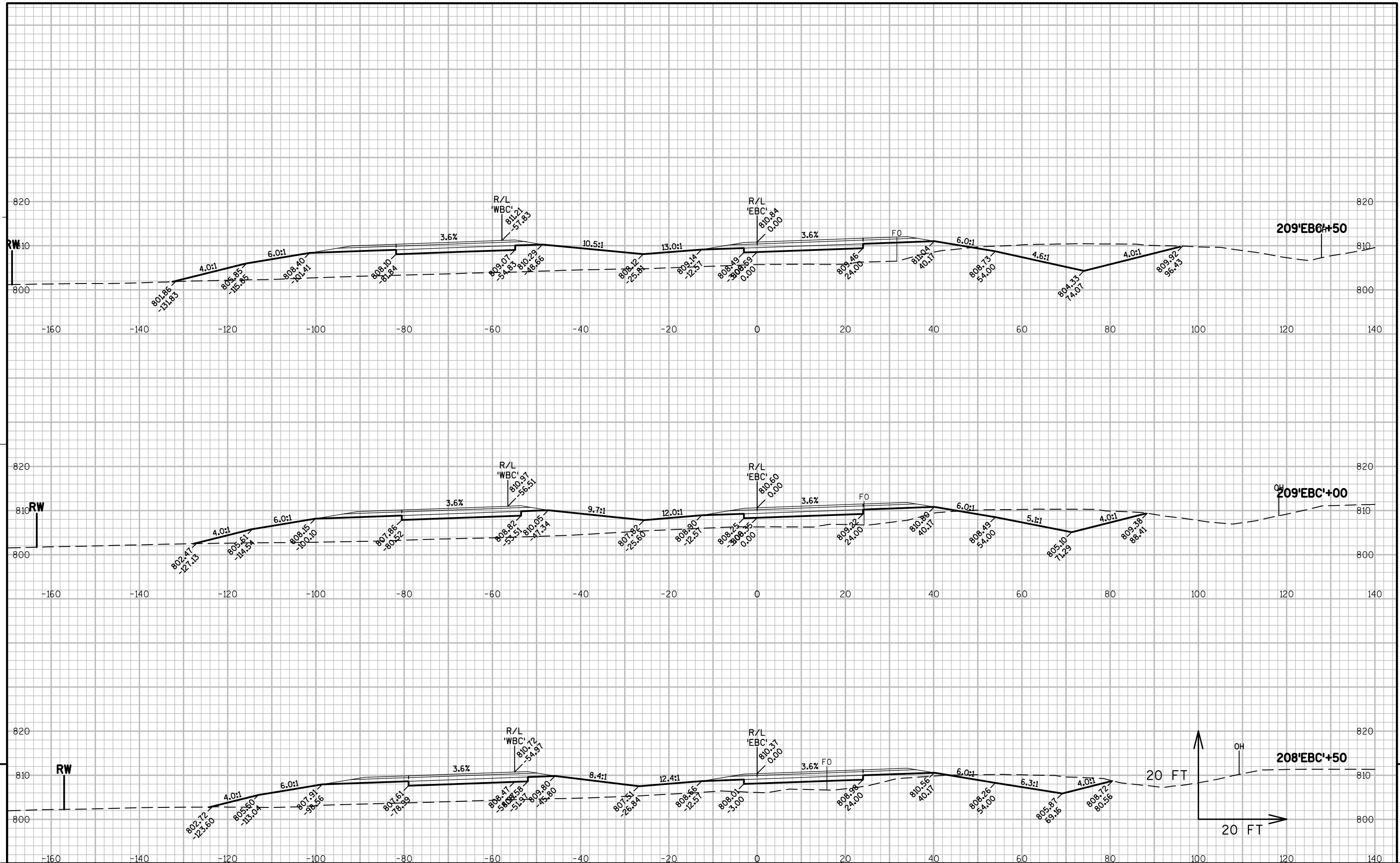
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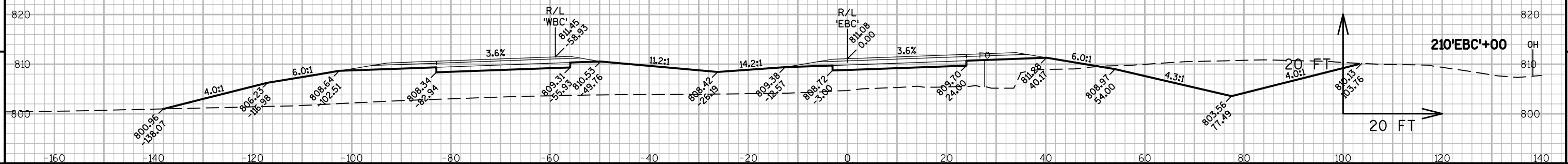
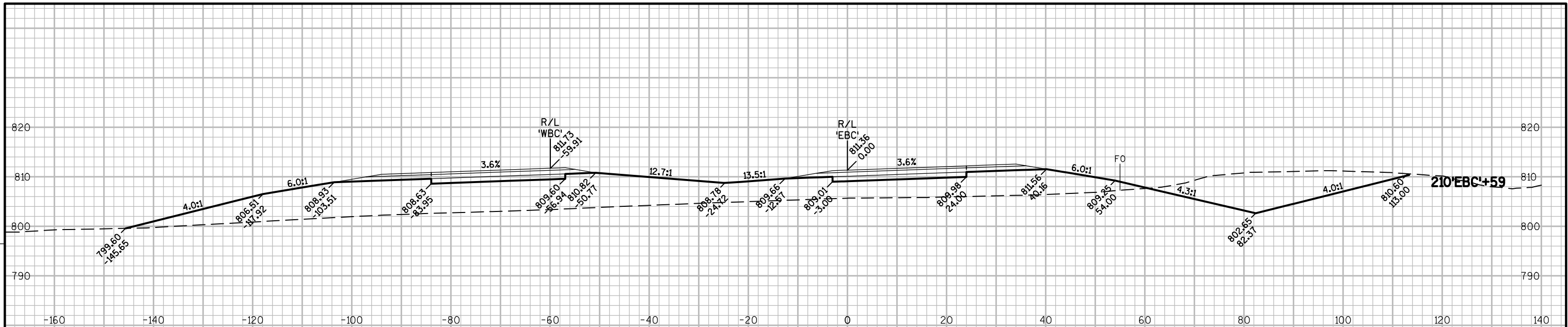
PLOT BY : SIMMONS, MASON A

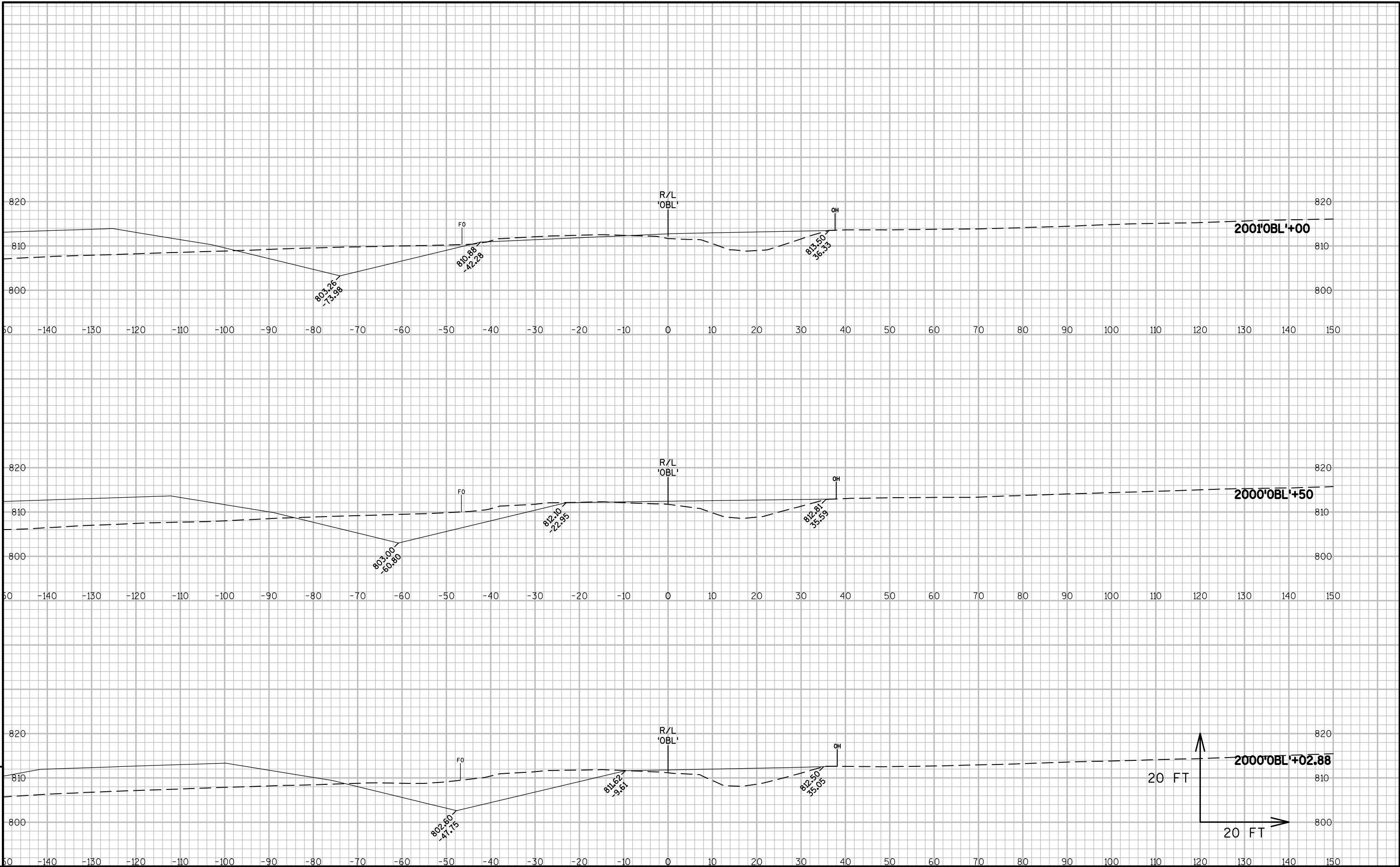
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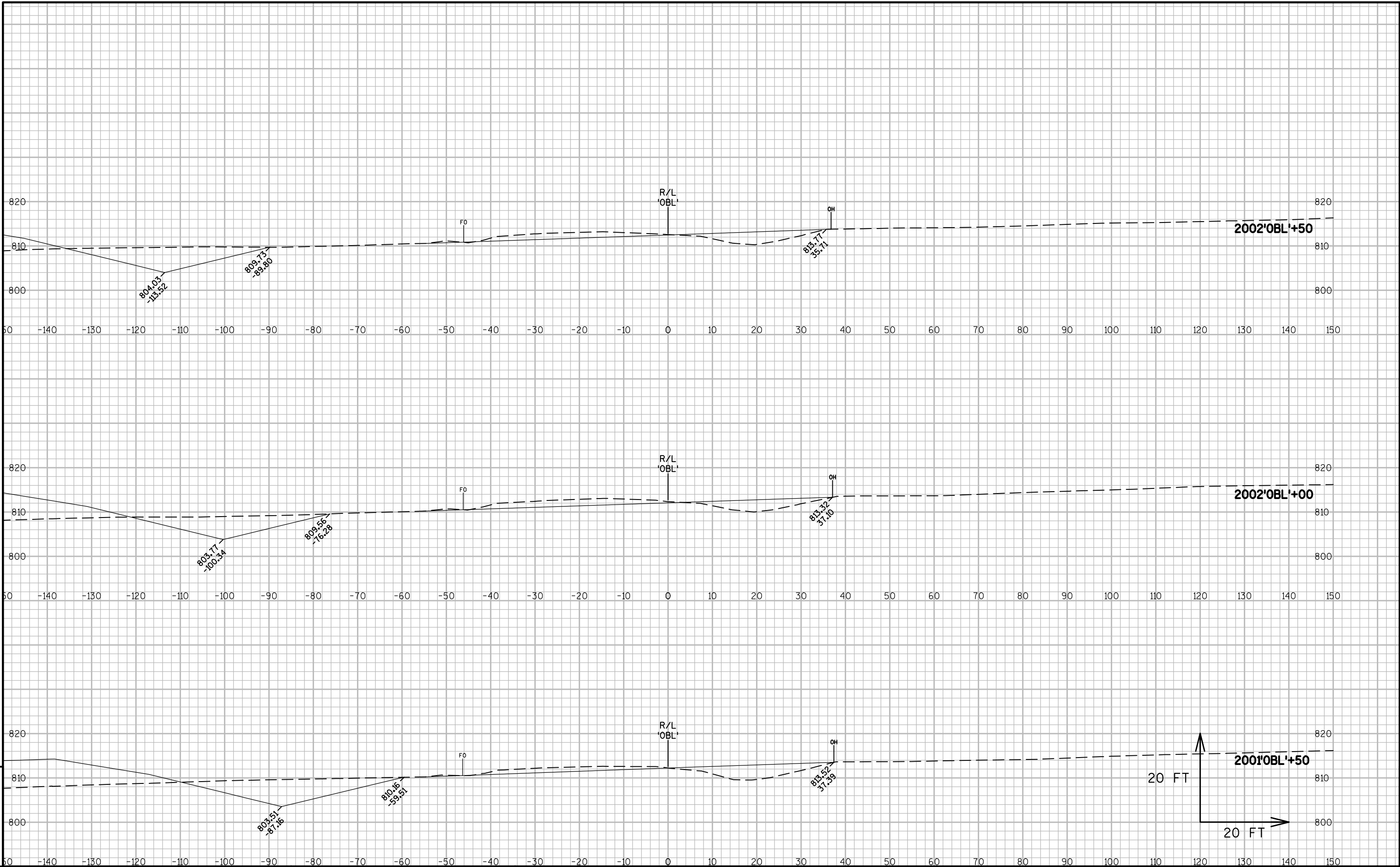
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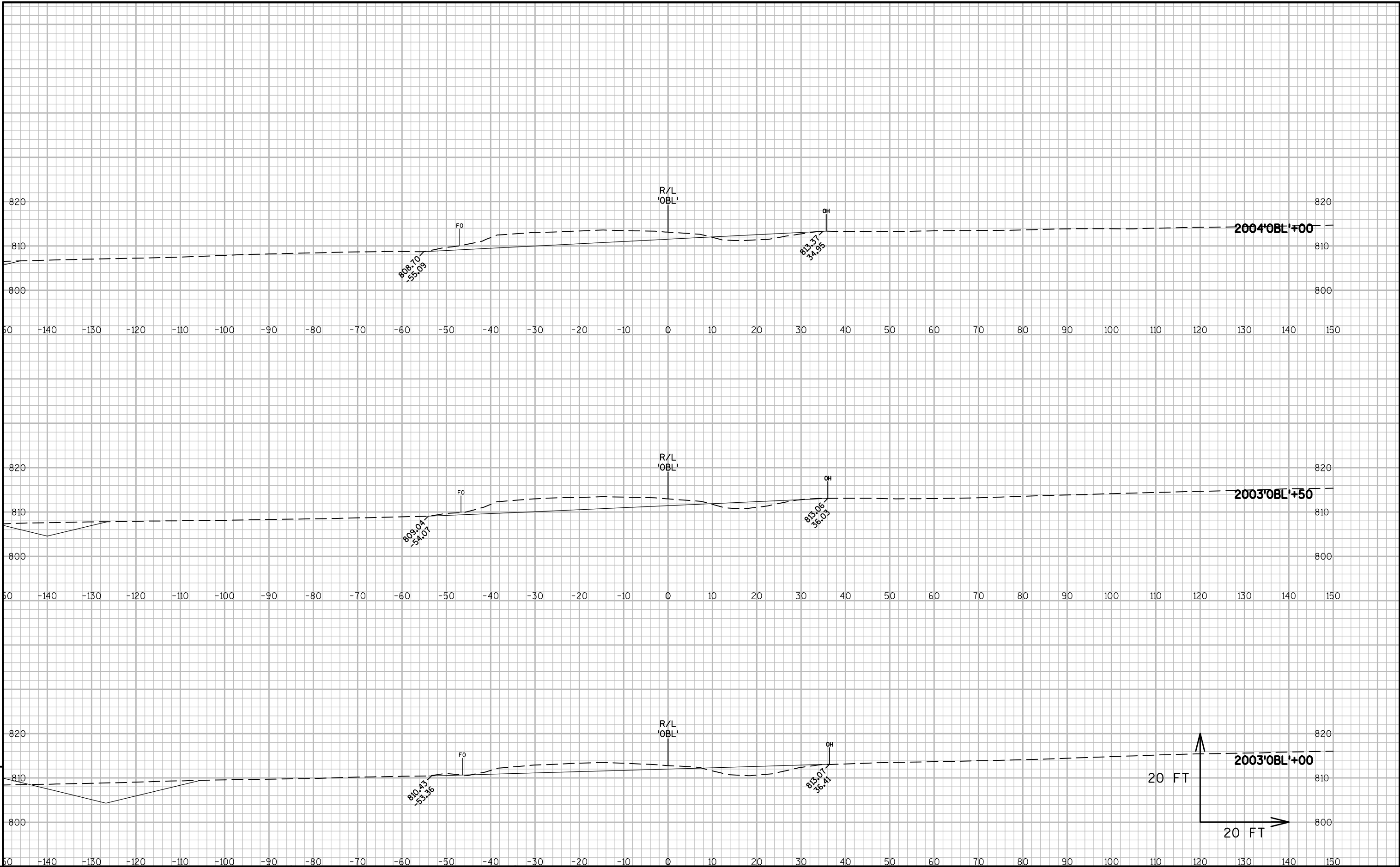
WISDOT/CADDS SHEET 49

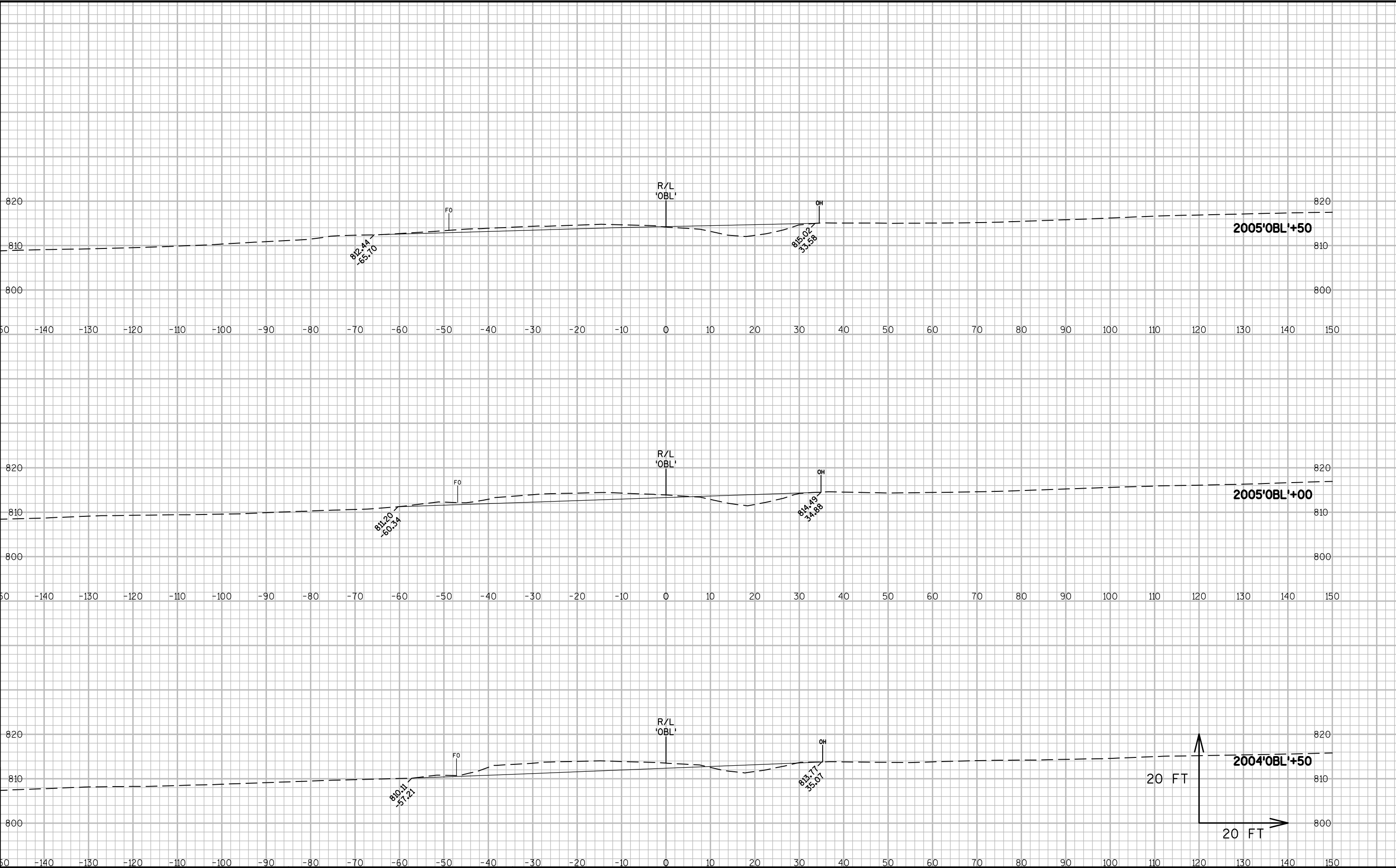












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