

PROJECT ID:
WITH: 5991-02-75

COUNTY:
LA CROSSE

ORDER OF SHEETS

Section No.	1	Title
Section No.	2	Typical Sections and Details
Section No.	3	Estimate of Quantities
Section No.	3	Miscellaneous Quantities
Section No.	4	Right of Way Plat
Section No.	5	Plan and Profile
Section No.	6	Standard Detail Drawings
Section No.	7	Sign Plates
Section No.	8	Structure Plans
Section No.	9	Computer Earthwork Data
Section No.	9	Cross Sections

TOTAL SHEETS =



CONVENTIONAL SYMBOLS

PLAN	
CORPORATE LIMITS	
PROPERTY LINE	
LOT LINE	
LIMITED HIGHWAY EASEMENT	
EXISTING RIGHT OF WAY	
PROPOSED OR NEW R/W LINE	
SLOPE INTERCEPT	
REFERENCE LINE	
EXISTING CULVERT	
PROPOSED CULVERT (Box or Pipe)	
COMBUSTIBLE FLUIDS	
MARSH AREA	
WOODED OR SHRUB AREA	

PROFILE	
GRADE LINE	
ORIGINAL GROUND	
MARSH OR ROCK PROFILE (To be noted as such)	
SPECIAL DITCH	
GRADE ELEVATION	
CULVERT (Profile View)	
UTILITIES	
ELECTRIC	
FIBER OPTIC	
GAS	
SANITARY SEWER	
STORM SEWER	
TELEPHONE	
WATER	
UTILITY PEDESTAL	
POWER POLE	
TELEPHONE POLE	

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

PLAN OF PROPOSED IMPROVEMENT

TOWN OF ONALASKA, CTH ZM

CTH Z TO CTH OT

CTH ZM

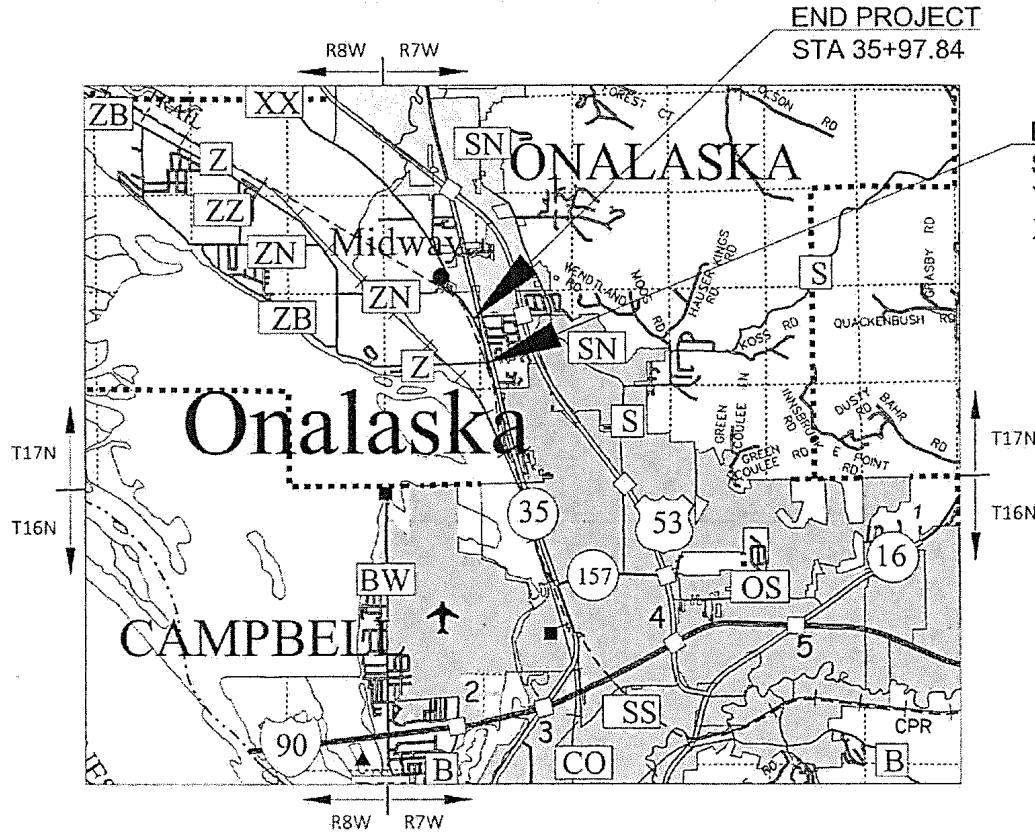
LA CROSSE COUNTY

STATE PROJECT NUMBER

5991-02-75

END PROJECT
STA 35+97.84

BEGIN PROJECT
STA 10+17.55
Y=169,594.790
X=445,842.296



LAYOUT
SCALE 0 2 Mi

TOTAL NET LENGTH OF CENTERLINE = 0.49

HORIZONTAL POSITIONS SHOWN ON THIS PLAN ARE WISCONSIN COORDINATE REFERENCE SYSTEM (WISCRS), LA CROSSE COUNTY, NAD83 (2011), IN U.S. SURVEY FEET. POSITIONS SHOWN ARE GRID COORDINATES, GRID BEARINGS, AND GRID DISTANCES. GRID DISTANCES ARE THE SAME AS GROUND DISTANCES. ELEVATIONS ARE REFERENCED TO NAVD 88 (2012). GPS DERIVED ELEVATIONS ARE BASED ON GEOID 12A.

STATE PROJECT

5991-02-75

FEDERAL PROJECT

PROJECT

CONTRACT

ACCEPTED FOR

LA CROSSE COUNTY

Date 7-26-22

County Highway Commissioner

ORIGINAL PLANS PREPARED BY

origin
design

WORKING ON TOMORROW.

800 556-4491
origindesign.com



DATE: 7/25/2022
(Professional Engineer Signature)

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

PREPARED BY

Surveyor	ORIGIN DESIGN
Designer	ORIGIN DESIGN
Project Manager	BRANDAN BURGER, P.E.
Regional Examiner	SW REGION
Regional Supervisor	KYLE HEMP, P.E.

APPROVED FOR THE DEPARTMENT

DATE: 7/26/2022
Brandan Burger
(Signature)

GENERAL NOTES

SEE TITLE SHEET FOR COORDINATE AND ELEVATION REFERENCES.

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

THE CONTRACTOR SHALL COORDINATE ALL UTILITY ADJUSTMENTS WITH THE UTILITY.

DETAILS OF CONSTRUCTION NOT SHOWN IN THE PLANS SHALL BE DETERMINED IN THE FIELD BY THE ENGINEER.

ACCESS SHALL BE MAINTAINED TO ALL ADJACENT PROPERTIES.

THE CONTRACTOR'S PAVING OPERATIONS SHALL BE CONSISTENT WITH THE PLAN TYPICAL SECTIONS AND CONSTRUCTED TO PREVENT ASPHALTIC SURFACE LONGITUDINAL JOINTS FROM BEING LOCATED WITHIN A DRIVING, TURNING, BIKE OR PARKING LANE.

ASPHALTIC SURFACE WEIGHT CALCULATIONS ARE BASED ON 115 LB/SY/IN.

THE 4" ASPHALTIC SURFACE ITEMS SHALL BE PLACED WITH A 1 ¾ -INCH UPPER LAYER AND A 2 ½ -INCH LOWER LAYER.

APPLY TACK COAT BETWEEN LAYERS OF ASPHALTIC SURFACE AT A RATE OF 0.05 GAL/SY.

DISTURBED AREAS WITHIN THE RIGHT OF WAY OUTSIDE OF THE FINISHED SHOULDER POINT OR REVETMENT SHALL BE SEEDED AND STABILIZED WITH MULCH OR EROSION MAT AS DIRECTED BY THE ENGINEER.

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

THE CONTRACTOR SHALL PROTECT ALL SURVEY MARKERS. REMOVAL OF ANY SURVEY MARKERS IS TO BE WITH THE APPROVAL OF THE ENGINEER.

ALL REMOVED SIGNS WILL BE PICKED UP BY THE COUNTY. CONTRACTOR SHALL COORDINATE WITH COUNTY STAFF FOR SIGN PICKUP.

NO TREES OR SHRUBS EXCEPT THOSE INDICATED ON THE PLANS ARE TO BE REMOVED WITHOUT APPROVAL OF THE ENGINEER.

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

PAVEMENT REMOVAL TO THE NEAREST JOINT OR A SAWED EDGE WILL BE REQUIRED AS DIRECTED BY THE ENGINEER.

WHEN PORTION OF EXISTING ASPHALTIC SURFACES ARE TO BE REMOVED TO ACCOMMODATE NEW CONSTRUCTION, THE LINE OF SUCH REMOVAL SHALL BE NEATLY DELINEATED WITH A SAW CUT JOINT THROUGH THE ASPHALTIC SURFACE SO THAT REMOVAL OF THE ASPHALT SHALL BE ACCOMPLISHED WITHOUT DAMAGE TO REMAINING PORTIONS. SAWCUT SHALL BE INCIDENTAL TO ASPHALT REMOVAL.

DESIGN CONSULTANT

ORIGIN DESIGN CO.
NOAH J. HOFRICHTER, P.E.
PROJECT ENGINEER
137 MAIN STREET, SUITE 100
DUBUQUE, IA 52001
563-556-2464
NOAH.HOFRICHTER@ORIGINDESIGN.COM

COUNTY CONTACT

LA CROSSE COUNTY
JOSEPH LANGEBERG, P.E.
HIGHWAY ENGINEER
301 CARLSON ROAD
WEST SALEM, WI 54669-9332
608-786-3810
JLANGEBERG@LACROSSECOUNTY.ORG

WISCONSIN DNR LIASON

WISCONSIN DEPARTMENT OF NATURAL RESOURCES
KAREN KALVELAGE
ENVIRONMENTAL ANALYSIS, REVIEW, AND SUSTAINABILITY
3550 MORMON COULEE ROAD
LA CROSSE, WI 54601
608-785-9115
KAREN.KALVELAGE@WISCONSIN.GOV

WISDOT CONTACT

SOUTHWEST REGION
BRANDAN BURGER, P.E.
2101 WRIGHT ST
MADISON, WI 53704
608-267-4019
BRANDAN.BURGER@DOT.WI.GOV

PROTECTING AND RESTORING PROPERTY

THE CONTRACTOR SHALL NOTIFY, IN WRITING, ALL PUBLIC AND PRIVATE PROPERTY OWNERS WHOSE PROPERTY IS ADJACENT TO THE WORK. PERMISSION SHALL BE OBTAINED BEFORE CROSSING THE PROPERTY WITH ANY EQUIPMENT OR MATERIALS. USE EVERY REASONABLE PRECAUTION TO PREVENT DAMAGE TO ALL PROPERTY INCLUDING POLES, TREES, SHRUBBERY, AND FENCES ADJACENT TO THE WORK. THE CONTRACTOR SHALL ASSUME LIABILITY FOR ALL DAMAGE TO PUBLIC OR PRIVATE PROPERTY RESULTING FROM CONTRACTOR OPERATIONS, DEFECTIVE WORK OR MATERIALS, OR NON-EXECUTION OF THE CONTRACT. RESTORE PROPERTY TO A CONDITION SIMILAR OR EQUAL TO THE EXISTING BEFORE CAUSING THE DAMAGE AS THE ENGINEER DIRECTS OR IN A MANNER ACCEPTABLE TO THE PROPERTY OWNER.

THE FOLLOWING ENCUMBRANCES OR RESTRICTIONS ARE REQUIREMENTS AS A RESULT OF DISCUSSIONS WITH PROPERTY OWNERS ALONG THE PROJECT CORRIDOR:

- THE CONTRACTOR SHALL COORDINATE WITH THE BUSINESS OWNERS OF THE BUSINESSES AT THE NORTH END OF THE PROJECT AT N5550 COUNTY ROAD ZM AND N5560 COUNTY ROAD ZM. CONTRACTOR TO PROVIDE AT LEAST 3 WEEKS NOTICE WITH DIRECTIONS AS TO HOW PROPERTY ACCESS WILL BE MAINTAINED AND FROM WHAT DIRECTION. CONTACT KRISTINE AT BREIDENBACH FAMILY AND SPORTS CHIROPRACTIC AT 608-779-5323 OR KRISTINE@MYSPINEDOCTORS.NET
- CONTRACTOR SHALL COORDINATE WITH PROPERTY OWNERS AND HILLTOPPER 608-783-6727 FOR GARBAGE COLLECTION FOR THE LOCAL RESIDENTS AND, DEPENDING ON STAGE OF CONSTRUCTION, MAY BE REQUIRED TO HAUL GARBAGE TO A COMMON SPOT FOR COLLECTION IF GARBAGE COLLECTION COMPANY IS NOT ABLE TO ACCESS SITE.
- MAIL DELIVERY: CONTRACTOR SHALL COORDINATE WITH PROPERTY OWNERS AND THE POSTAL SERVICE TO ALLOW FOR MAIL DELIVERY. NOTIFY LOCAL POST OFFICE OF CONSTRUCTION SCHEDULE PRIOR TO BEGINNING CONSTRUCTION. CONTACT: US POST OFFICE - ONALASKA, 304 11TH AVENUE NORTH, ONALASKA, WI 54650. PHONE: 608-781-8777.

ABBREVIATIONS

AC	ACRE	HE	HORIZONTAL ELLIPTICAL
AADT	ANNUAL AVERAGE DAILY TRAFFIC	INL	INLET
ASPH	ASPHALTIC	INV	INVERT
AEW	APRON END WALL	LT	LEFT
BEG	BEGINNING	L	LENGTH OF CURVE
BM	BENCHMARK	LF	LINEAR FOOT
BR	BRIDGE	PLE	PERMANENT LIMITED EASEMENT
CL	CENTERLINE	PC	POINT OF CURVATURE
CE	COMMERCIAL ENTRANCE	PCC	POINT OF COMPOUND CURVATURE
CEN	CENTER	PI	POINT OF INTERSECTION
CONC	CONCRETE	PRC	POINT OF REVERSE CURVATURE
CMCP	CORRUGATED METAL CULVERT PIPE	PT	POINT OF TANGENCY
CTH	COUNTY TRUNK HIGHWAY	PE	PRIVATE ENTRANCE
CR	CREEK	R/RAD	RADIUS
CABC	CRUSHED AGGREGATE BASE COURSE	RL	REFERENCE LINE
CY	CUBIC YARD	REQ'D	REQUIRED
CULV	CULVERT	STH	STATE TRUNK HIGHWAY
CPRC	CULVERT PIPE REINFORCE CONCRETE	STA	STATION
D	DEGREE OF CURVE	SF	SQUARE FEET
DHV	DESIGN HOURLY VOLUME	SY	SQYARE YARD
DIA	DIAMETER	SDD	STANDARD DETAIL DRAWINGS
DD	DIRECTIONAL DISTRIBUTION	SE	SUPERELEVATION
DWY	DRIVEWAY	TLE	TEMPORARY LIMITED EASEMENT
ELEC	ELECTRIC	T	TON
EL OR ELV	ELEVATION	VPC	VERTICAL POINT OF CURVE
ESALS	EQUIVALENT SINGLE AXLE LOADS	VPI	VERTICAL POINT OF INTERSECTION
EXIST	EXISTING	VPT	VERTICAL POINT OF TANGENCY
FE	FIELD ENTRANCE	VCL	VERTICAL CURVE LENGTH
FL	FLOW LINE	W	WALL
CWT	HUNDREDWEIGHT		

UTILITIES

COMMUNICATIONS
CENTURYLINK - COMMUNICATION LINE
333 N FRONT ST
LA CROSSE, WI 54601
TELEPHONE: 608-615-4136
CELL: 608-780-1238
ATTENTION: BRIAN STELPLUGH
EMAIL: BRIAN.STELPLUGH@LUMEN.COM
EMAIL: RELOCATIONS@CENTURYLINK.COM

CHARTER COMMUNICATIONS
1228 12TH AVE S
ONALASKA, WI 54650
TELEPHONE: 608-317-6213
ATTENTION: PERRY McCLELLAN
EMAIL: PERRY.MCCLELLAN@CHARTER.COM

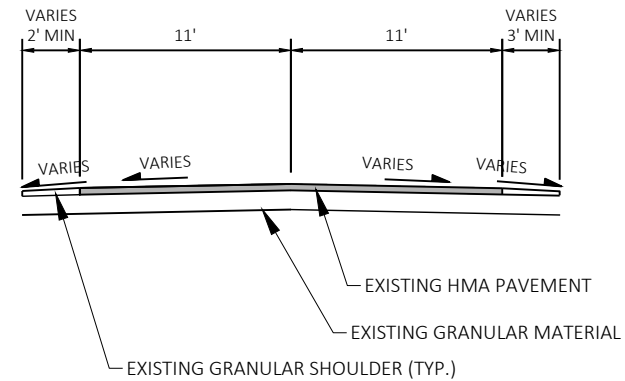
ELECTRICAL
RIVERLAND ENERGY COOPERATIVE
N28988 STATE ROAD 93
ARCADIA, WI 54612
TELEPHONE: 608-409-7056
ATTENTION: SHARON SLUGA, OPERATIONS COORDINATOR
ATTENTION: BILL MASON, ASSISTANT LINE SUPERINTENDENT
EMAIL: SSLUGA@RIVERLANDENERGY.COM

OVERHEAD ELECTRIC AND GAS
XCEL ENERGY
JAKE ENDRES
3215 COMMERCE STREET
LA CROSSE, WI 54603
JACOB.T.ENDRES@XCELENERGY.COM

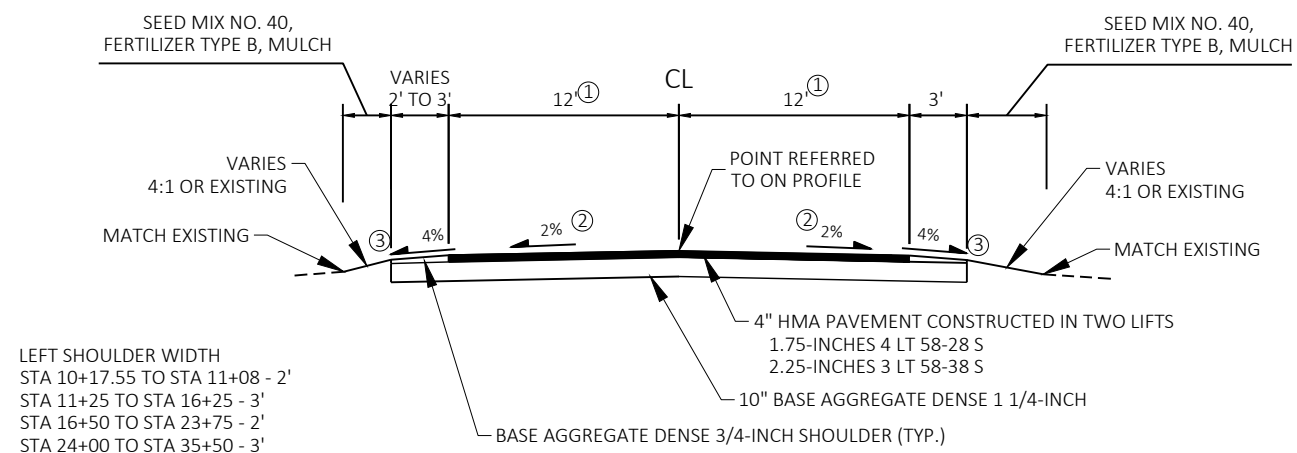
DIGGERSHOTLINE

Dial  or (800)242-8511

www.DiggersHotline.com

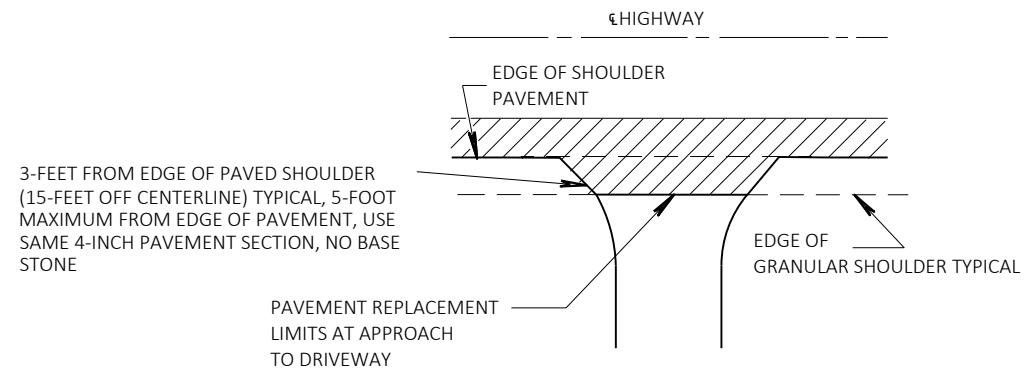


EXISTING TYPICAL SECTION - CTH ZM
STA 10+17.55 - 35+97.84



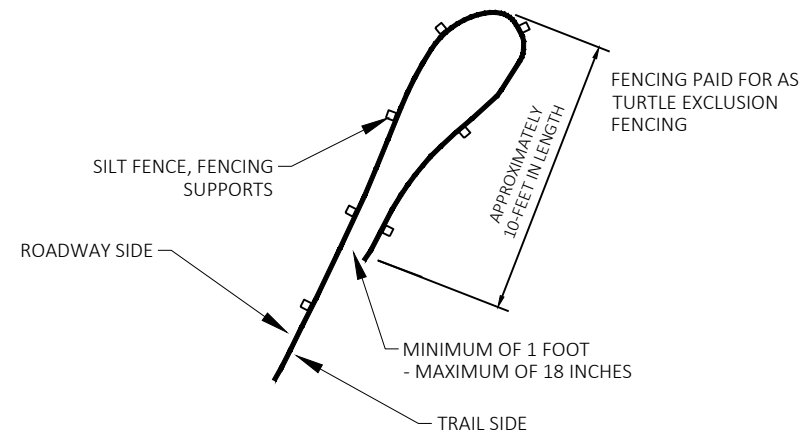
FINISHED TYPICAL SECTION - CTH ZM
STA 10+17.55 - 35+97.84

- ① LANE WIDTHS VARY AT INTERSECTIONS. SEE PLAN AND PROFILE SHEETS & INTERSECTION DETAIL SHEETS.
- ② LANE SLOPES VARY AT LOCATION OF MATCH TO EXISTING/INTERSECTIONS AT BEGIN AND END OF PROJECT AND AT CURVE SUPERELEVATION. SEE PLAN AND PROFILE SHEETS FOR SUPERELEVATION INFORMATION.
- ③ USE BASE AGGREGATE TO MATCH EDGE OF GRANULAR SURFACING AS NEEDED



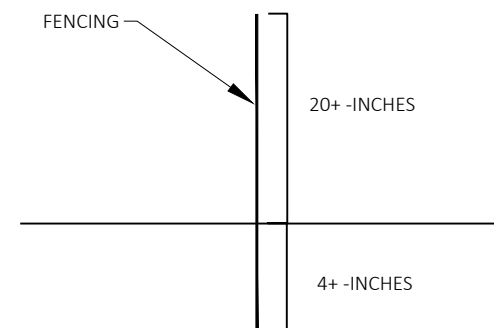
DRIVEWAY PAVED SHOULDER BUMP OUT DETAIL

DETAIL APPLIES AT BOTH PAVED AND UNPAVED DRIVEWAYS. ALL DRIVEWAYS TO BE REPLACED WITH ASPHALT SURFACE REGARDLESS OF EXISTING SURFACING TYPE.

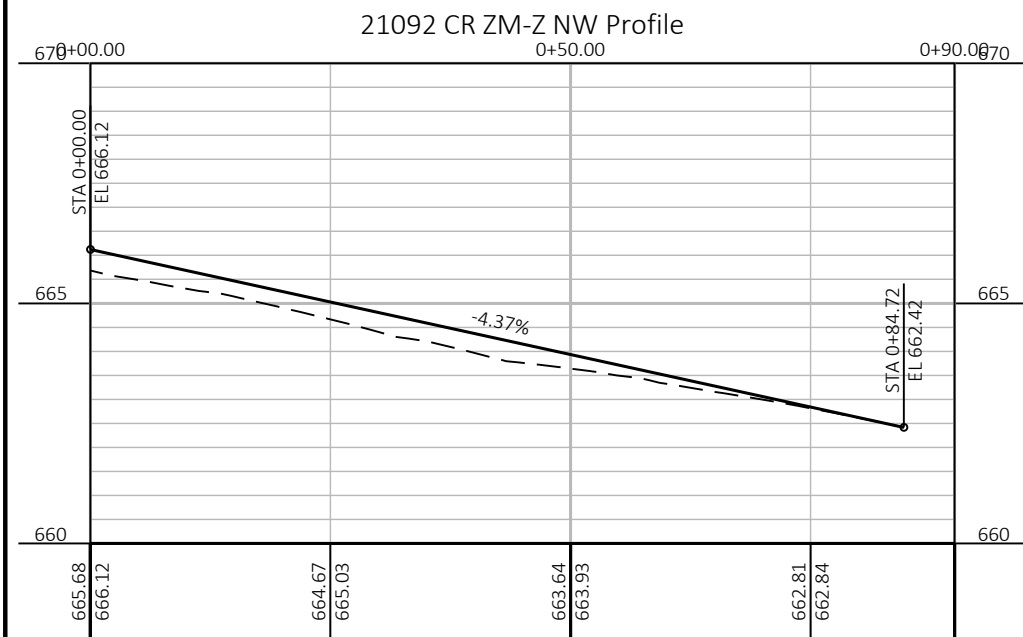
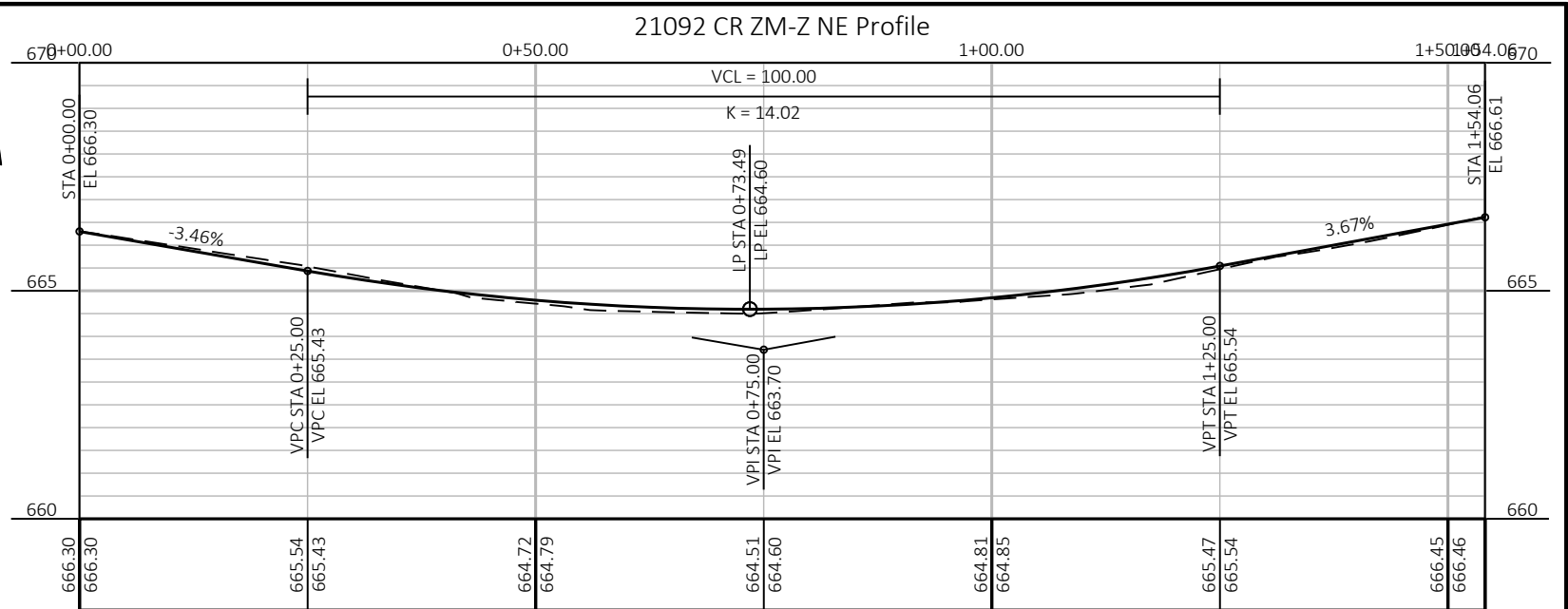
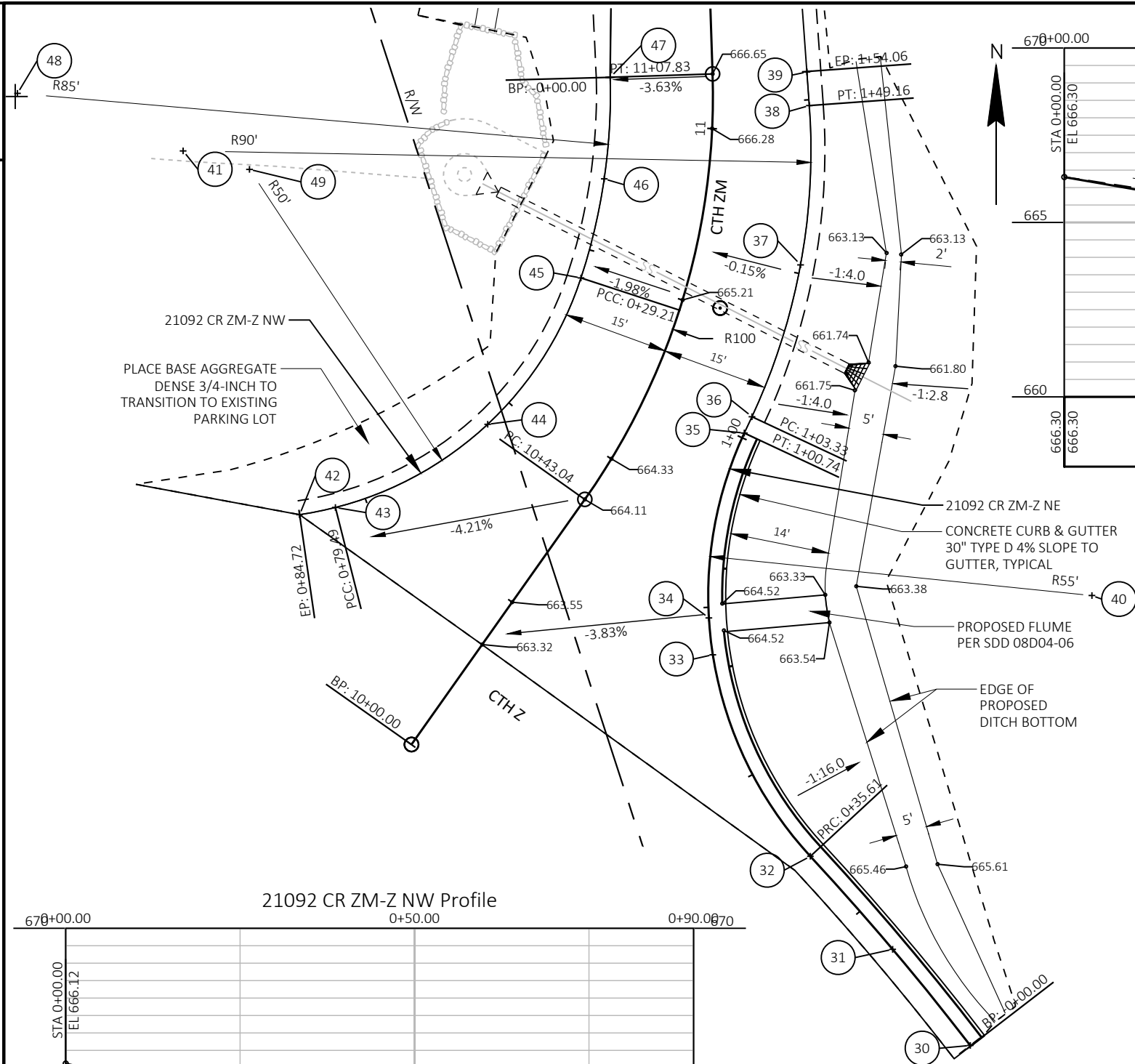


SEE PLAN FOR LOCATIONS. NO MATERIAL MAY BE SUBSTITUTED FOR SILT FENCING MATERIAL.

EXCLUSION FENCING FOR BLANDIN'S TURTLE



SIDE VIEW OF EXCLUSION FENCING



STATION & OFFSET TABLE								
POINT	STATION	OFFSET	STATION	OFFSET	Y COORDS	X COORDS	DESC	ELEVATION
30	10+11.05	90.30 RT	0+00.10	0.00	169537.349	445912.270	BP	666.30
31	10+15.88	73.26 RT	0+17.81	0.00	169551.125	445901.151	MID	665.68
32	10+19.96	55.93 RT	0+35.61	0.00	169564.460	445889.353	PRC	665.11
33	10+35.46	27.84 RT	0+68.18	0.00	169593.342	445875.366	MID	664.61
34	10+39.19	24.51 RT	0+73.49	0.00	169598.622	445874.801	LP	664.60
35	10+61.36	15.10 RT	1+00.74	0.00	169625.114	445879.879	PT	664.86
36	10+63.61	15.14 RT	1+03.33	0.00	169627.458	445880.974	PC	664.91
37	10+83.49	15.12 RT	1+26.25	0.00	169649.225	445887.942	MID	665.59
38	11+03.46	13.83 RT	1+49.16	0.00	169672.045	445889.203	PT	666.43
39	11+07.70	13.53 RT	1+54.00	0.00	169676.871	445888.854	EP	666.61
40	10+61.21	70.10 RT	0+35.61	55.00 RT	169601.830	445929.707	CEN RAD	0.00
41	10+73.28	74.71 LT	1+03.33	90.00 LT	169665.559	445799.437	CEN RAD	0.00

STATION & OFFSET TABLE								
POINT	STATION	OFFSET	STATION	OFFSET	Y COORDS	X COORDS	DESC	ELEVATION
42	10+17.65	32.12 LT	0+84.72	0.00	169613.424	445816.133	MATCH	662.42
43	10+21.45	28.52 LT	0+79.49	0.00	169614.445	445821.263	PCC	662.64
44	10+43.95	17.58 LT	0+54.35	0.00	169626.374	445843.092	MID	663.74
45	10+73.57	14.84 LT	0+29.21	0.00	169647.346	445856.471	PCC	664.84
46	10+90.71	14.75 LT	0+14.60	0.00	169661.545	445859.804	MID	665.48
47	11+07.83	14.67 LT	0+00.00	0.00	169676.104	445860.661	BP	666.12
48	11+08.27	99.67 LT	0+00.00	85.00 RT	169673.798	445775.692	CEN RAD	0.00
49	10+74.44	64.83 LT	0+29.21	50.00 RT	169662.906	445808.954	CEN RAD	0.00

PROJECT NO: 5991-02-75

HWY: CTH ZM

COUNTY: LA CROSSE COUNTY

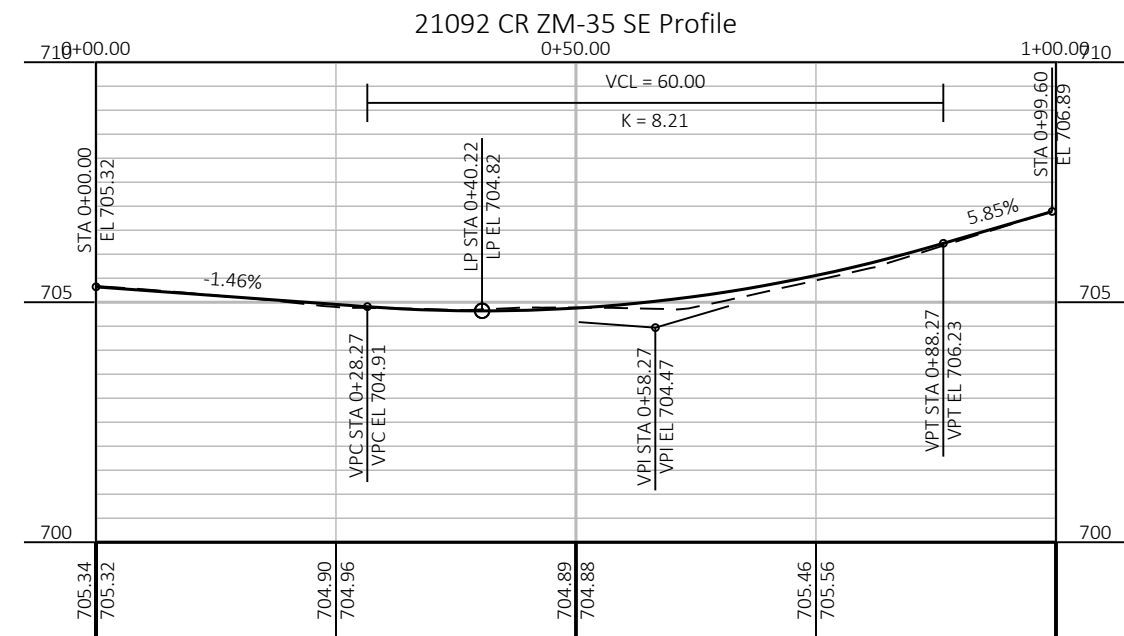
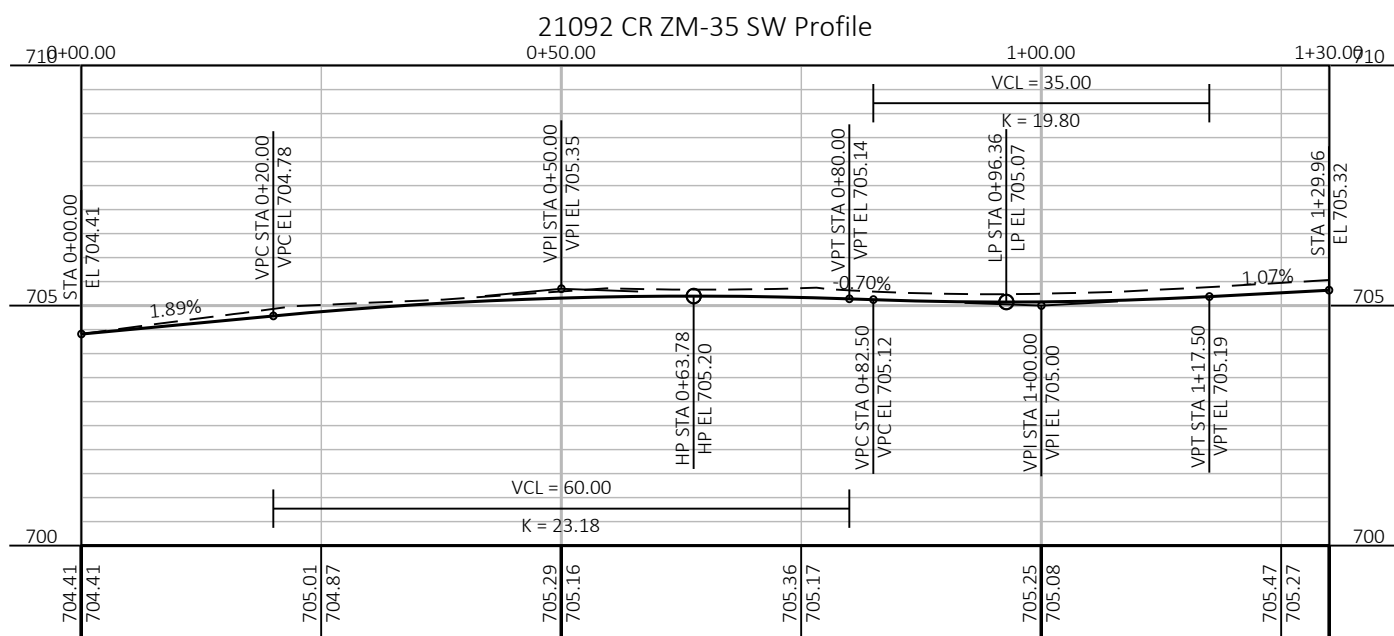
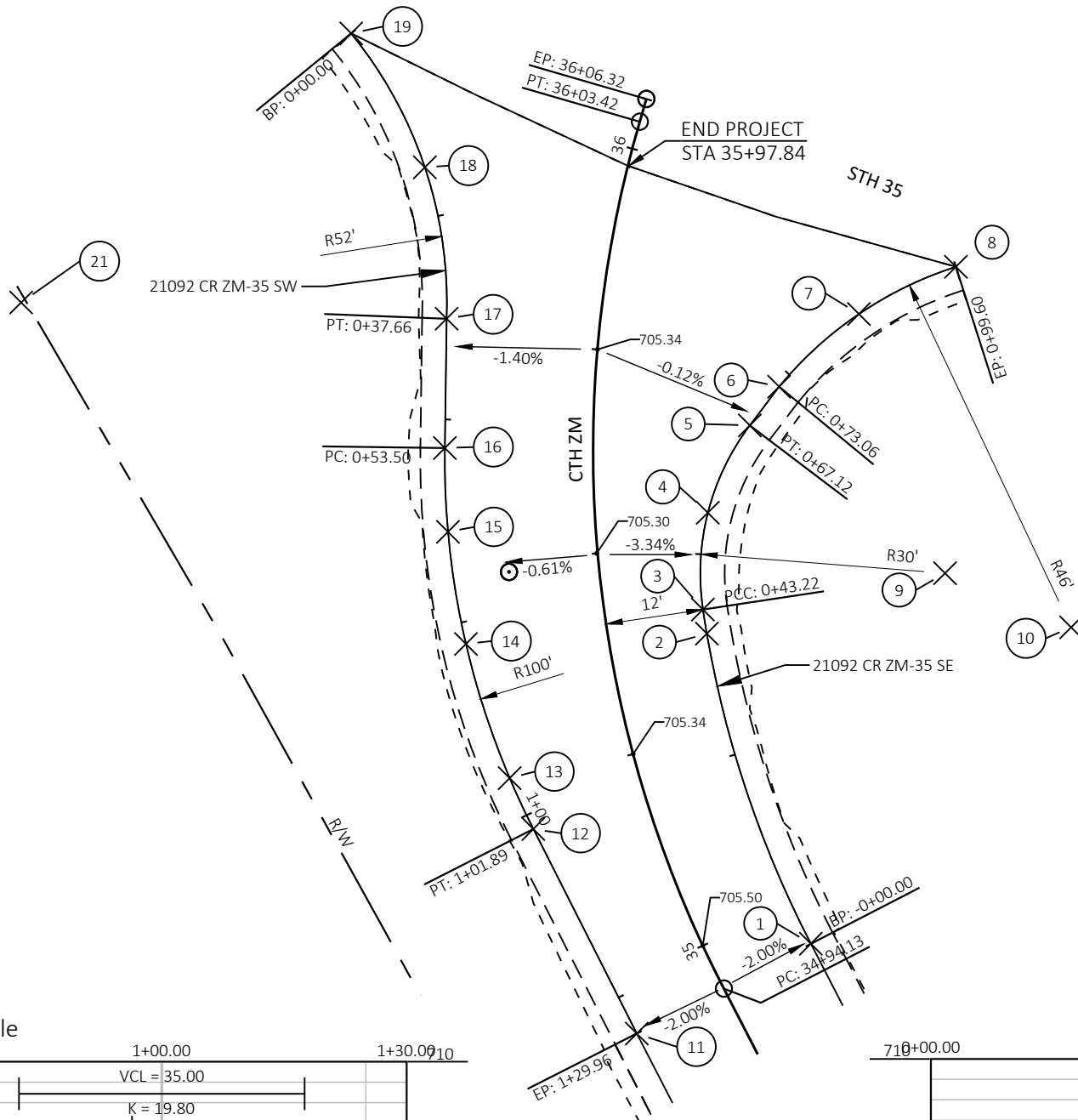
INTERSECTION DETAILS

SHEET

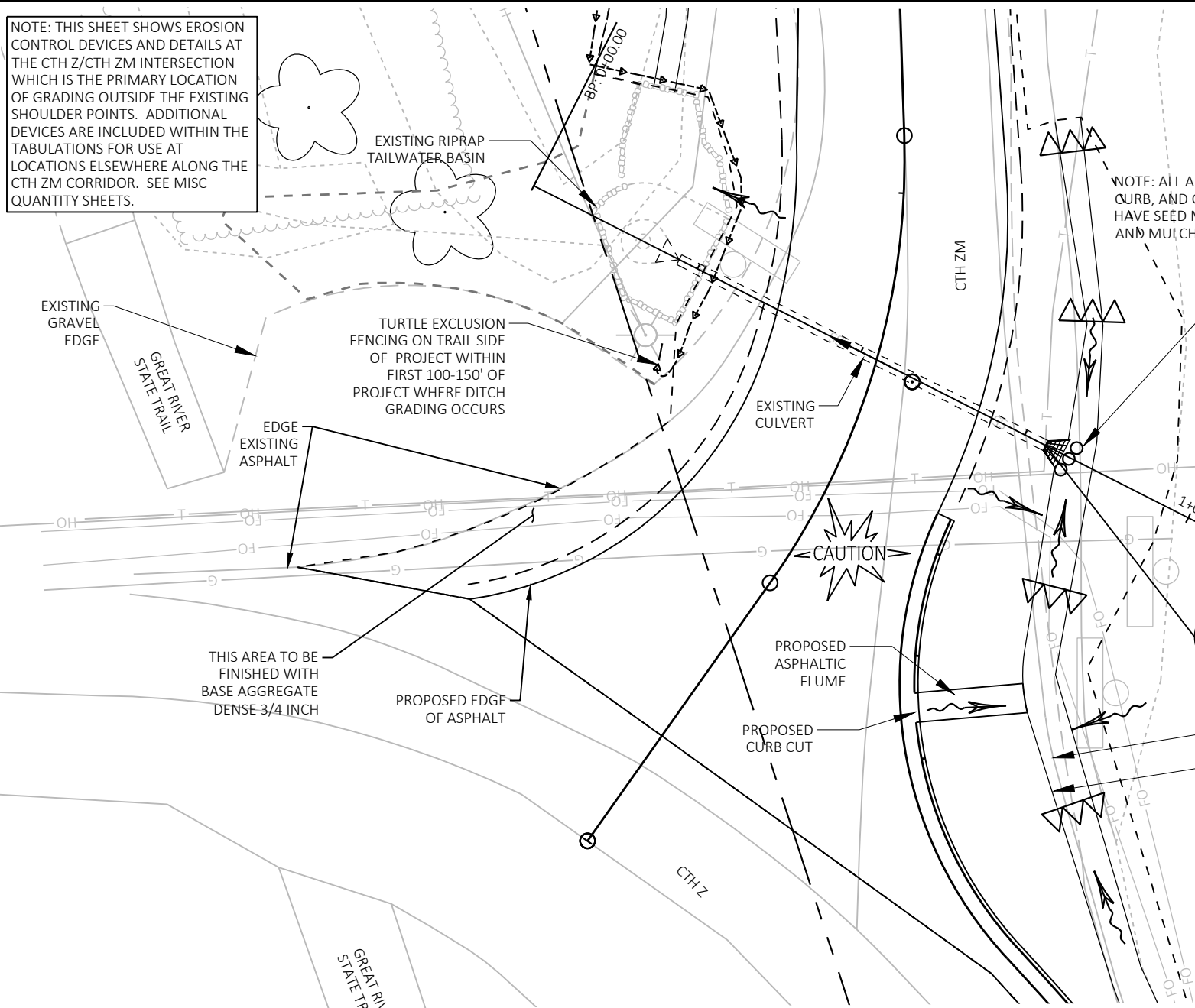
E

STATION & OFFSET TABLE								
POINT	STATION	OFFSET	STATION	OFFSET	Y COORDS	X COORDS	DESC	ELEVATION
1	34+94.13	12.00 RT	0+00.00	0.00	171927.913	445139.081	BP	705.32
2	35+38.01	12.00 RT	0+40.22	0.00	171965.894	445126.332	LP	704.82
3	35+41.28	12.00 RT	0+43.22	0.00	171968.853	445125.855	PCC	704.83
4	35+54.17	13.83 RT	0+55.17	0.00	171980.709	445126.452	MID	704.96
5	35+66.15	19.17 RT	0+67.12	0.00	171991.405	445131.602	PT	705.26
6	35+71.87	22.55 RT	0+73.06	0.00	171996.146	445135.191	PC	705.48
7	35+84.04	31.34 RT	0+86.33	0.00	172005.049	445144.968	MID	706.12
8	35+94.59	41.97 RT	0+99.60	0.00	172010.829	445156.860	MATCH	706.89
9	35+41.28	42.00 RT	0+43.22	30.00 RT	171973.300	445155.523	CEN RAD	0.00
10	35+26.80	55.85 RT	0+29.95	43.85 RT	171966.671	445170.973	CEN RAD	0.00

STATION & OFFSET TABLE								
POINT	STATION	OFFSET	STATION	OFFSET	Y COORDS	X COORDS	DESC	ELEVATION
11	34+94.13	12.00 LT	1+29.96	0.00	171916.911	445117.751	EP	705.32
12	35+19.81	14.29 LT	1+01.89	0.00	171941.963	445105.079	PT	705.08
13	35+25.97	15.38 LT	0+95.00	0.00	171948.203	445102.173	LP	705.07
14	35+41.40	17.34 LT	0+77.69	0.00	171964.639	445096.820	mid	705.16
15	35+53.77	18.09 LT	0+63.78	0.00	171978.370	445094.622	HP	705.20
16	35+62.89	18.16 LT	0+53.50	0.00	171988.633	445094.234	PC	705.17
17	35+76.93	18.74 LT	0+37.66	0.00	172004.473	445094.449	PT	705.05
18	35+92.53	24.20 LT	0+18.83	0.00	172023.011	445091.791	MID	704.76
19	36+03.95	36.97 LT	0+00.00	0.00	172039.416	445082.758	MATCH	704.41
20	35+60.05	81.82 RT	0+53.50	100.00 LT	171987.274	445194.224	CEN RAD	0.00
21	35+74.81	70.84 LT	0+00.00	52.17 RT	172006.458	445042.316	CEN RAD	0.00
30	10+11.05	90.30 RT	0+00.10	0.00	169537.349	445912.270	BP	666.30



NOTE: THIS SHEET SHOWS EROSION CONTROL DEVICES AND DETAILS AT THE CTH Z/CTH ZM INTERSECTION WHICH IS THE PRIMARY LOCATION OF GRADING OUTSIDE THE EXISTING SHOULDER POINTS. ADDITIONAL DEVICES ARE INCLUDED WITHIN THE TABULATIONS FOR USE AT LOCATIONS ELSEWHERE ALONG THE CTH ZM CORRIDOR. SEE MISC QUANTITY SHEETS.



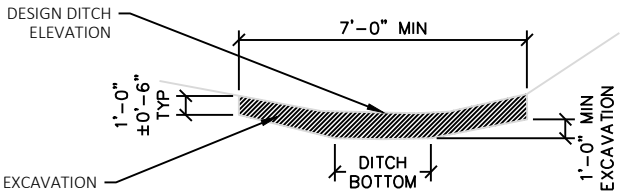
LEGEND

- SILT FENCE
- SLOPE INTERCEPT
- STONE DITCH CHECK
- CULVERT PIPE DITCH CHECK
- SURFACE WATER FLOW

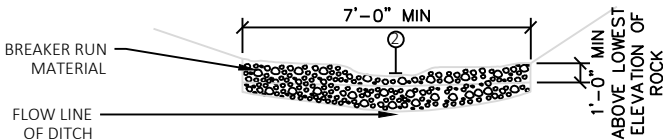
NOTE: ALL AREAS OUTSIDE OF PAVEMENT, CURB, AND GRANULAR SURFACING SHALL HAVE SEED MIX NO. 40, FERTILIZER TYPE B, AND MULCH APPLIED.

REMOVE END SECTION OF EXISTING PIPE (APPROXIMATELY 8-10 LINEAL FEET). PAID AS REMOVING SMALL PIPE CULVERTS.

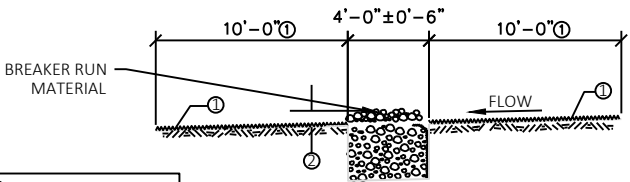
APRON 2 STA 10+73, 25.4' RT
INSTALL APRON ENDWALLS FOR CULVERT PIPE STEEL 18-INCH



TYPICAL SECTION EXCAVATION



TYPICAL SECTION AT STONE DITCH CHECK



LONG SECTION AT DITCH

STONE DITCH CHECK

- ① SPECIAL DITCH CONTROL EROSION MAT CLASS II TYPE C
- ② 3" MAXIMUM

RUNOFF COEFFICIENT TABLE

	HYDROLOGIC SOIL GROUP											
	A			B			C			D		
	SLOPE RANGE (PERCENT)			SLOPE RANGE (PERCENT)			SLOPE RANGE (PERCENT)			SLOPE RANGE (PERCENT)		
LAND USE:	0-2	2-6	6 & OVER	0-2	2-6	6 & OVER	0-2	2-6	6 & OVER	0-2	2-6	6 & OVER
ROW CROPS	.08	.16	.22	.12	.20	.27	.15	.24	.33	.19	.28	.38
	.22	.30	.38	.26	.34	.44	.30	.37	.50	.34	.41	.56
MEDIAN STRIP-TURF	.19	.20	.24	.19	.22	.26	.20	.23	.30	.20	.25	.30
	.24	.26	.30	.25	.28	.33	.26	.30	.37	.27	.32	.40
SIDE SLOPE-TURF			.25			.27			.28			.30
			.32			.34			.36			.38
PAVEMENT:												
ASPHALT	.70 - .95											
CONCRETE	.80 - .95											
BRICK	.70 - .80											
DRIVES, WALKS	.75 - .85											
ROOFS	.75 - .95											
GRAVEL ROADS, SHOULDERS	.40 - .60											

TOTAL PROJECT AREA = 4 ACRES
TOTAL AREA EXPECTED TO BE DISTURBED BY CONSTRUCTION ACTIVITIES = 0.05 ACRES (OUTSIDE EXISTING ROADWAY PAVEMENT AND SHOULDER AGGREGATE LIMITS)

PROJECT NO: 5991-02-75

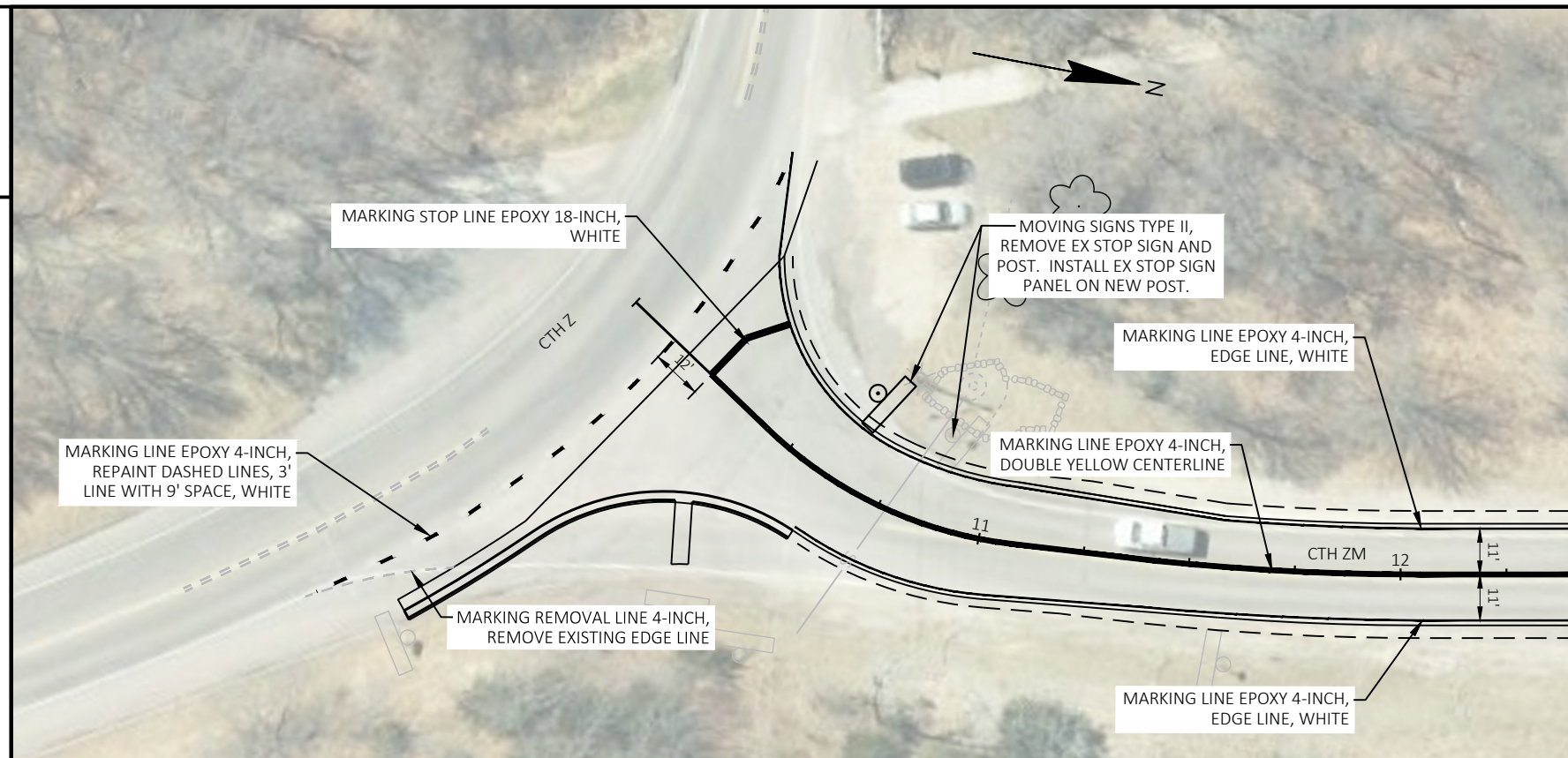
HWY: CTH ZM

COUNTY: LA CROSSE COUNTY

STORM SEWER AND EROSION CONTROL

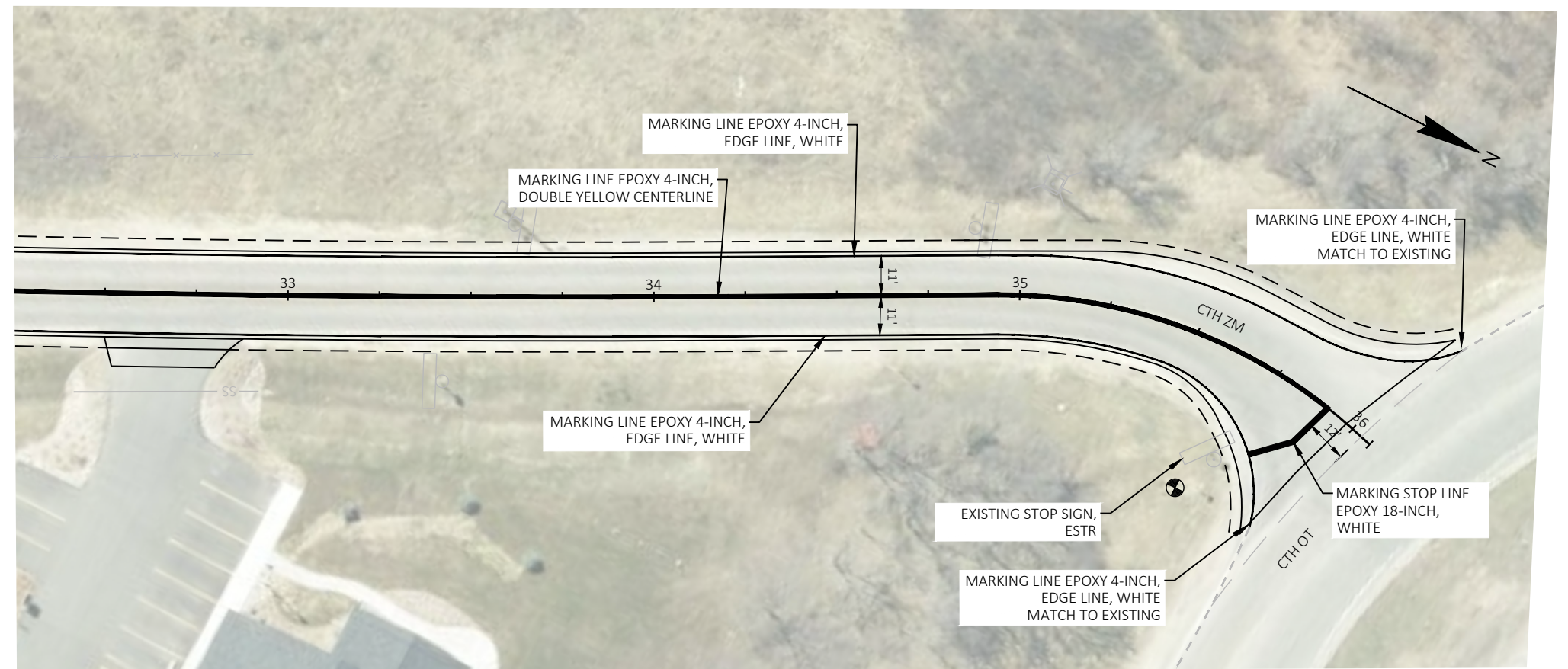
SHEET

E



CTH Z & CTH ZM PAVEMENT MARKING DETAIL

NOTE: THIS SHEET INCLUDES DETAIL VIEWS FOR PAVEMENT MARKINGS AT INTERSECTIONS ONLY. REFER TO MISCELLANEOUS QUANTITY SHEET TABULATIONS FOR ADDITIONAL INFORMATION ON LOCATIONS OF PAVEMENT MARKINGS FOR THE PROJECT.



CTH OT & CTH ZM PAVEMENT MARKING DETAIL

PROJECT NO: 5991-02-75

HWY: CTH ZM

COUNTY: LA CROSSE

PAVEMENT MARKING & SIGNING

SHEET

E

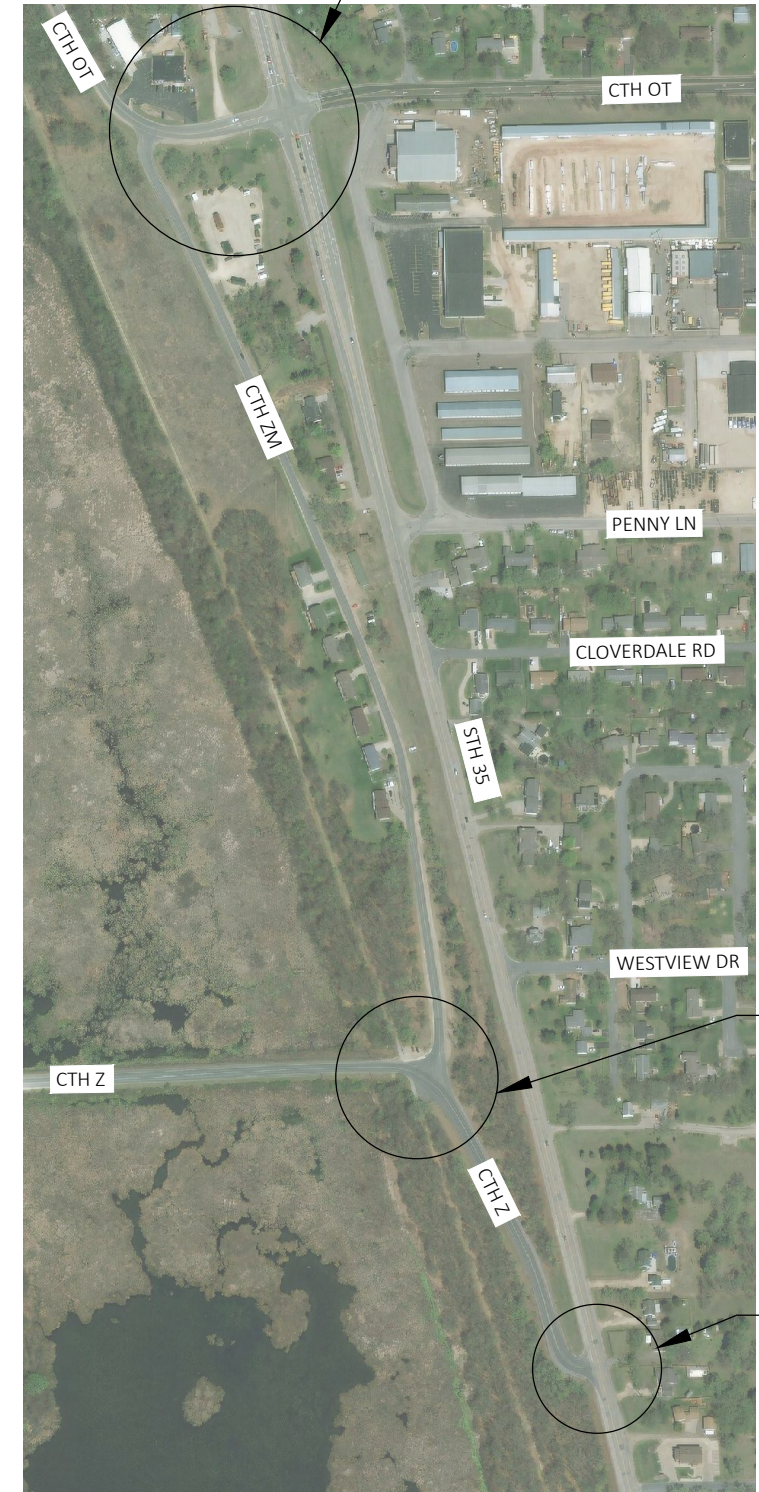
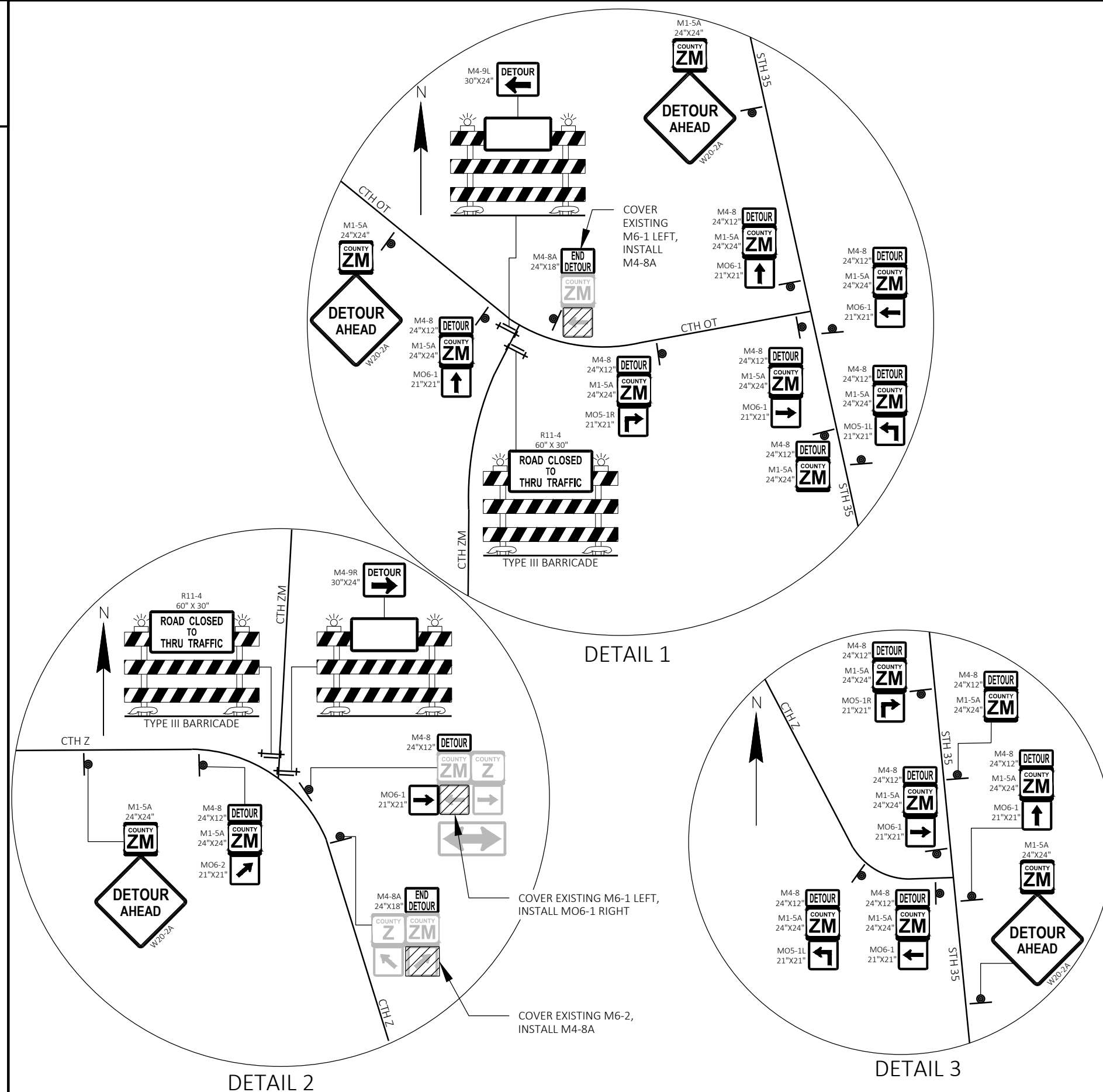
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LAYOUT NAME - 01

PLOT DATE: 7/27/2022 3:52 PM

PLOT BY: NOAH HOFRICHTER

PLOT NAME:

WISDOT/CADD5 SHEET 42



NOTE: REFER TO SDD 15C2 FOR LEGEND, GENERAL NOTES AND SIGN SPACING.

PROJECT NO: 5991-02-75

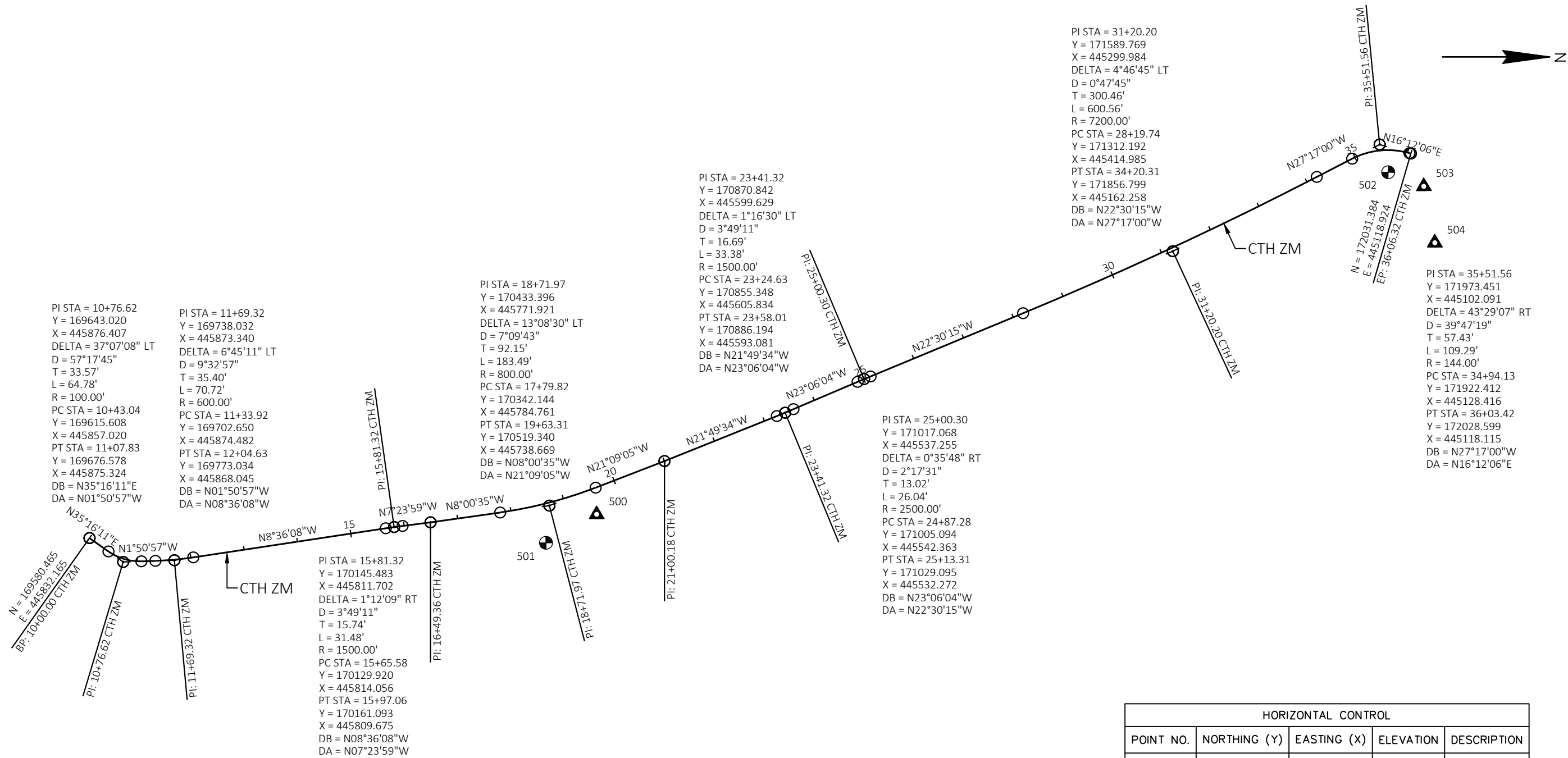
HWY: CTH ZM

COUNTY: LA CROSSE

DETOUR

SHEET

E

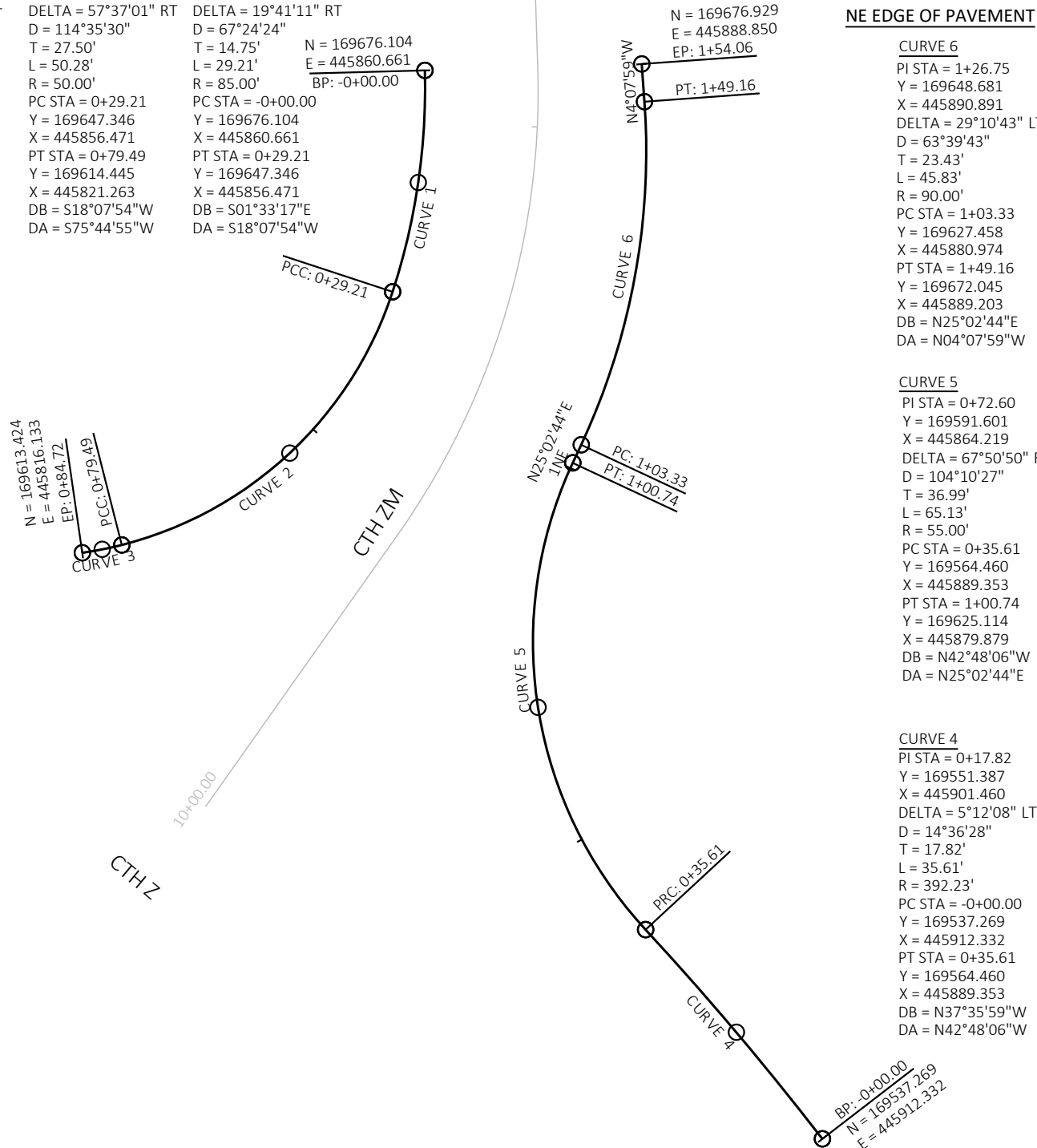


HORIZONTAL CONTROL				
POINT NO.	NORTHING (Y)	EASTING (X)	ELEVATION	DESCRIPTION
500	170521.13	445788.22	716.68	5/8" REBAR
503	172055.31	445179.64	707.29	5/8" REBAR
504	172075.72	445284.37	713.87	5/8" REBAR

BENCH MARKS		
BENCHMARK NO.	ELEVATION	DESCRIPTION
501	714.23	MAGNAIL IN TOP OF 24" RCP
502	705.71	MAGNAIL IN TOP OF 24" RCP

NW EDGE OF PAVEMENT

<u>CURVE 3</u> PI STA = 0+82.10 Y = 169613.800 X = 445818.725 DELTA = 5°59'47" RT D = 114°35'30" T = 2.62' L = 5.23' R = 50.00' PC STA = 0+79.49 Y = 169614.445 X = 445821.263 PT STA = 0+84.72 Y = 169613.424 X = 445816.133 DB = S75°44'55"W DA = S81°44'42"W	<u>CURVE 2</u> PI STA = 0+56.70 Y = 169621.214 X = 445847.914 DELTA = 57°37'01" RT D = 114°35'30" T = 27.50' L = 50.28' R = 50.00' PC STA = 0+29.21 Y = 169647.346 X = 445856.471 PT STA = 0+79.49 Y = 169614.445 X = 445821.263 DB = S18°07'54"W DA = S75°44'55"W	<u>CURVE 1</u> PI STA = 0+14.75 Y = 169661.362 X = 445861.061 DELTA = 19°41'11" RT D = 67°24'24" T = 14.75' L = 29.21' R = 85.00' PC STA = -0+00.00 Y = 169676.104 X = 445860.661 PT STA = 0+29.21 Y = 169647.346 X = 445856.471 DB = S01°33'17"E DA = S18°07'54"W
---	--	--



NE EDGE OF PAVEMENT

<u>CURVE 6</u> PI STA = 1+26.75 Y = 169648.681 X = 445890.891 DELTA = 29°10'43" LT D = 63°39'43" T = 23.43' L = 45.83' R = 90.00' PC STA = 1+03.33 Y = 169627.458 X = 445880.974 PT STA = 1+49.16 Y = 169672.045 X = 445889.203 DB = N25°02'44"E DA = N04°07'59"W

CURVE 5

PI STA = 0+72.60 Y = 169591.601 X = 445864.219 DELTA = 67°50'50" RT D = 104°10'27" T = 36.99' L = 65.13' R = 55.00' PC STA = 0+35.61 Y = 169564.460 X = 445889.353 PT STA = 1+00.74 Y = 169625.114 X = 445879.879 DB = N42°48'06"W DA = N25°02'44"E
--

CURVE 4

PI STA = 0+17.82 Y = 169551.387 X = 445901.460 DELTA = 5°12'08" LT D = 14°36'28" T = 17.82' L = 35.61' R = 392.23' PC STA = -0+00.00 Y = 169537.269 X = 445912.332 PT STA = 0+35.61 Y = 169564.460 X = 445889.353 DB = N37°35'59"W DA = N42°48'06"W
--

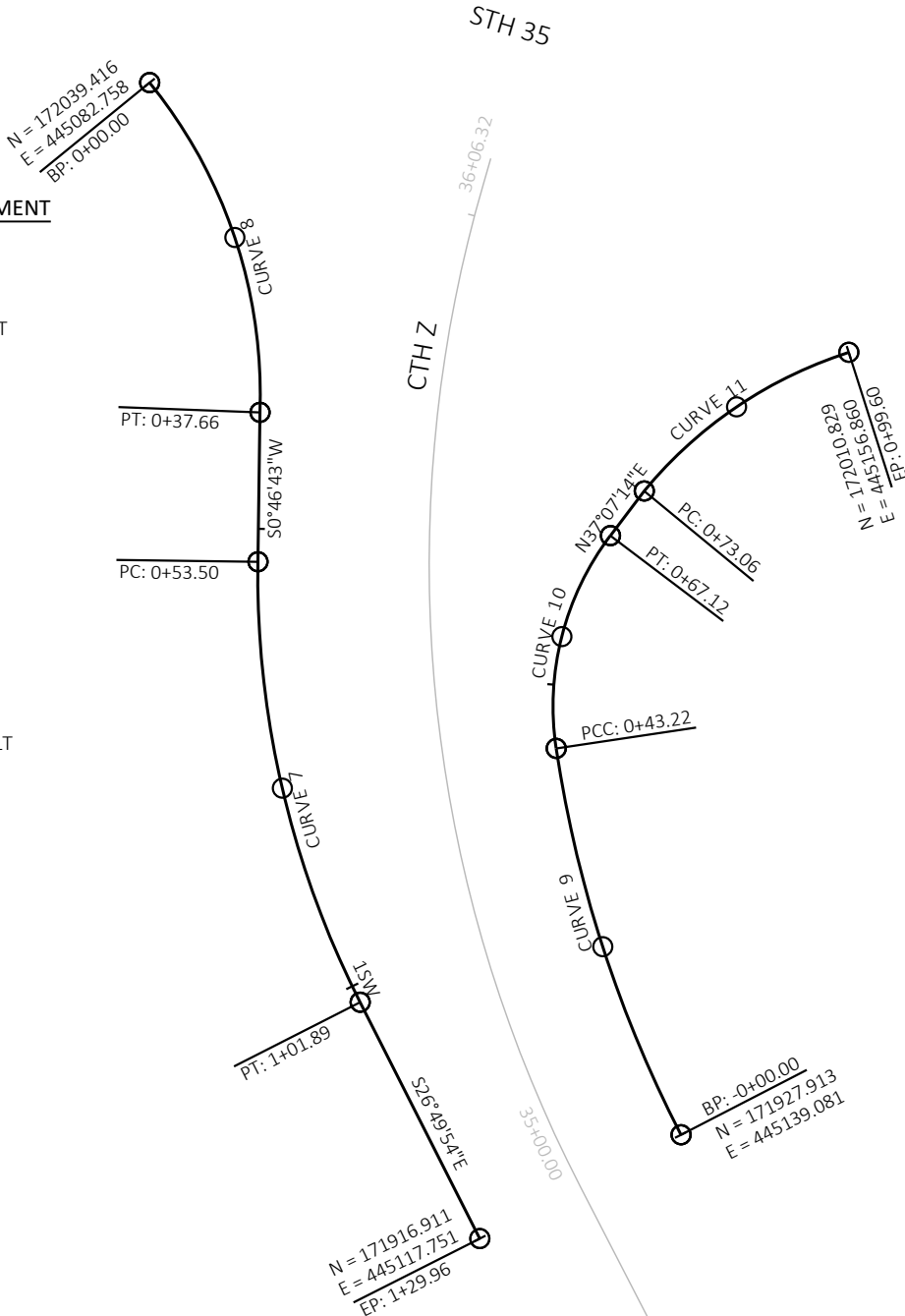
BP: -0+00.00 N = 169537.269 E = 445912.332
--

SW EDGE OF PAVEMENT

<u>CURVE 8</u> PI STA = 0+19.69 Y = 172024.151 X = 445095.198 DELTA = 41°21'32" RT D = 109°49'24" T = 19.69' L = 37.66' R = 52.17' PC STA = 0+00.00 Y = 172039.416 X = 445082.758 PT STA = 0+37.66 Y = 172004.473 X = 445094.449 DB = S39°10'43"E DA = S02°10'49"W
--

CURVE 7

PI STA = 0+78.18 Y = 171963.960 X = 445093.898 DELTA = 27°43'20" LT D = 57°17'45" T = 24.68' L = 48.38' R = 100.00' PC STA = 0+53.50 Y = 171988.633 X = 445094.234 PT STA = 1+01.89 Y = 171941.963 X = 445105.079 DB = S00°46'43"W DA = S26°56'37"E
--



SE EDGE OF PAVEMENT

<u>CURVE 11</u> PI STA = 0+86.71 Y = 172006.676 X = 445143.865 DELTA = 32°47'47" RT D = 123°35'32" T = 13.64' L = 26.54' R = 46.36' PC STA = 0+73.06 Y = 171996.146 X = 445135.191 PT STA = 0+99.60 Y = 172010.829 X = 445156.860 DB = N39°28'49"E DA = N72°16'36"E

CURVE 10

PI STA = 0+55.84 Y = 171981.338 X = 445123.983 DELTA = 45°38'44" RT D = 190°59'09" T = 12.62' L = 23.90' R = 30.00' PC STA = 0+43.22 Y = 171968.853 X = 445125.855 PT STA = 0+67.12 Y = 171991.405 X = 445131.602 DB = N08°31'30"W DA = N37°07'14"E
--

CURVE 9

PI STA = 0+21.80 Y = 171947.290 X = 445129.087 DELTA = 18°45'30" RT D = 43°24'21" T = 21.80' L = 43.22' R = 132.00' PC STA = -0+00.00 Y = 171927.913 X = 445139.081 PT STA = 0+43.22 Y = 171968.853 X = 445125.855 DB = N27°17'00"W DA = N08°31'30"W

3

REMOVALS						
		203.0100 REMOVING SMALL PIPE CULVERTS EACH		204.0100 REMOVING CONCRETE PAVEMENT SY	204.0150 REMOVING CURB AND GUTTER LF	REMARKS
STATION	-	STATION	LOCATION			
10+11		10+37	RT		26	
10+73		-	RT	1		FOR REMOVAL OF 8-10 LF OF EXISTING 18" CPCS AT INLET END ONLY. KNOWN TO BE A SEPARATE PIECE OF CULVERT THAT CAN BE UNBANDED FROM THE REMAINING SEGMENTS OF THE CULVERT PIPE.
16+83		17+02	LT		8.0	PCC DRIVE
20+75		21+00	LT		10.3	PCC DRIVE
22+92		23+13	LT		3.4	PCC DRIVE
23+41		23+65	LT		8.1	PCC DRIVE
PROJECT TOTALS				1	30	26

QMP BASE AGGREGATE, BASE AGREGATE DENSE, SELECT CRUSHED MATERIAL									
		SIDE SHOULDER STONE IS NEEDED	305.0110	305.0120	SPV.0195.01		624.0100		REMARKS
STATION	-		BASE AGGREGATE DENSE 3/4-INCH	BASE AGGREGATE DENSE 1 1/4 INCH	SELECT CRUSHED MATERIAL FOR SUBGRADE STABILIZATION		WATER	MGAL	
			TON	TON		TON			
10+07	10+91	LT	17	-	-		-		FOR SURFACING OF GRAVEL TRANSITION TO EXISTING PARKING LOT WITHIN PREVIOUSLY PAVED ROAD AREA. DOES NOT INCLUDE SHOULDER.
10+17	11+58	-	-	354	-		-		INTERSECTION OF CTH Z & CTH ZM
11+58	34+94	-	-	4292	-		-		INCLUDES BASE AGGREGATE UNDER SHOULDERS
10+17	11+08	RT	7	-	-		-		
10+17	11+08	LT	5	-	-		-		
11+08	16+25	RT<	79	-	-		-		
16+25	23+75	RT	58	-	-		-		
16+50	23+75	LT	37	-	-		-		
23+75	34+94	RT<	171	-	-		-		
34+94	35+98	-	16	271	-		-		INTERSECTION OF CTH ZM & CTH OT
UNDISTRIBUTED			-	-	-		80		QUANTITY BASED ON TOTAL AGGREGATE QUANTITIES AND 15 GAL/TON
UNDISTRIBUTED			60	43	-		-		FOR USE AS DIRECTED BY ENGINEER AT BASE AGGREGATE DRIVEWAYS OR WHERE SHOULDER MAY NEED TO BE BLENDED TO EXISTING AGGREGATE SHOULDERS.
UNDISTRIBUTED			-	-	550		-		FOR USE AS DIRECTED BY ENGINEER IF UNSTABLE SUBGRADE LOCATIONS ARE ENCOUNTERED.
PROJECT TOTAL			450	4960	550		80		

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NEW HMA PAVEMENT							
		455.0605 TACK COAT	460.5223 HMA PAVEMENT	460.5224 HMA PAVEMENT	465.0120 ASPHALTIC SURFACE DRIVEWAYS AND FIELD ENTRANCES	465.0315 ASPHALTIC FLUME	REMARKS
STATION	-	GAL	3 LT 58-28 S TON	4 LT 58-28 S TON	TON	SY	
10+17	-		79	64	-		INTERSECTION ON CTHZ & CTH ZM
10+41	-		-	-	-	7	FLUME
11+58	-		184	143	-		CTH ZM
16+65	-		-	-	5		EXISTING PCC DRIVE LT
17+06	-		65	50	-		CTH ZM
18+68	-		-	-	3		EXISTING GRANULAR/PCC DRIVE LT
18+98	-		32	25	-		CTH ZM
19+72	-		-	-	2		EXISTING GRANULAR/ASPHALTIC DRIVE LT
19+92	-		36	28	-		CTH ZM
20+75	-		-	-	3		EXISTING PCC DRIVE LT
21+00	-		33	26	-		CTH ZM
21+80	-		-	-	2		EXISTING GRANULAR/PCC DRIVE LT
21+99	-		64	50	-		CTH ZM
22+40	-		-	-	18		EXISTING GRANULAR DRIVE RT
22+90	-		-	-	2		EXISTING PCC DRIVE LT
23+40	-		-	-	2		EXISTING PCC DRIVE LT
23+89	-		63	49	-		CTH ZM
25+24	-		-	-	7		EXISTING GRANULAR DRIVE RT
25+76	-		239	186	-		CTH ZM
28+60	-		-	-	5		EXISTING GRANULAR DRIVE RT
31+27			-	-	5		EXISTING ASPHALTIC DRIVE RT
32+50	-		-	-	6		EXISTING ASPHALTIC DRIVE RT
32+88	-		69	54	-		CTH ZM
34+94	-		56	45	-		INTERSECTION OF CTH ZM & CTH OT
		360					TACK COAT ON BINDER LAYER
PROJECT TOTALS		360	920	720	60	7	

3

DIVISION	FROM/TO STATION	LOCATION	205.0100 COMMON EXCAVATION (1)		SALVAGED/ UNUSABLE PAVEMENT MATERIAL (4)	AVAILABLE MATERIAL (5)	UNEXPANDED FILL	EXPANDED FILL (6)	WASTE	COMMENT
			CUT (2)	EBS EXCAVATION (3)				FACTOR 1.25		
DIVISION 1	10+17.55 TO 35+97.84									
			3,664	0	925	2,739	3	4	3,660	
GRAND TOTAL			3,664	0	925	2,739	3	4	3,660	
TOTAL COMMON EXC			3,664							

NOTES:
(1) COMMON EXCAVATION IS THE SUM OF THE CUT AND EBS EXCAVATION COLUMNS. ITEM NUMBER 205.0100
(2) SALVAGED/UNSUABLE PAVEMENT MATERIAL IS INCLUDED IN CUT.
(3) NOTE: SPECIAL ITEM SPV.0195.01 SELECT CRUSHED FOR SUBGRADE STABILIZATION INCLUDES EXCAVATION WHERE THAT ITEM IS USED FOR CORE OUT. SEE SPECIAL PROVISIONS.
(4) SALVAGED/UNUSABLE PAVEMENT MATERIAL
(5) AVAILABLE MATERIAL = CUT - SALVAGED/UNUSUABLE PAVEMENT MATERIAL
(6) EXPANDED FILL FACTOR = 1.25

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STORM SEWER STRUCTURES: CONCRETE CURB & GUTTER							
				521.1018	601.0409		
				APRON ENDWALLS FOR CULVERT PIPE 18-INCH	CONCRETE CURB & GUTTER, 30- INCH TYPE A	INVERT ELEVATION	REMARKS
STRUCTURE	STATION	STATION	OFFSET	EACH	LF		
	10+11	10+62			101		
APRON 2	10+73		25.4 RT	1		MATCH EXISTING PIPE	18-INCH STEEL. TO BE INSTALLED ON INLET END OF EXISTING CPCS
PROJECT TOTALS				1	101		

FINISHING ITEMS

STATION	STATION	LOCATION	625.0500	627.0200	629.0210	630.0140	630.0200	630.0500	NOTES
			SALVAGED TOPSOIL	MULCHING	FERTILIZER	SEEDING MIXTURE	SEEDING	SEED WATER	
			SY	SY	TYPE B	NO. 40	TEMPORARY	LB	
			CWT			LB			
10+14	12+50	RT	173	347	0.22	7	10	-	
10+70	11+72	LT	79	157	0.10	3	5	-	
16+25	16+71	LT	5	9	0.01	1	1	-	
16+98	21+75	RT	111	221	0.14	4	6	-	
18+01	18+50	LT	9	17	0.01	1	1	-	
22+25	22+75	LT	12	24	0.02	1	1	-	
22+75	28+60	RT	40	81	0.05	2	3	-	
28+98	30+25	RT	16	32	0.02	1	1	-	
31+67	34+75	RT	67	133	0.08	3	4	-	
UNDISTRIBUTED								20	SEED WATER ESTIMATED FOR ALL AREAS BASED ON TOTAL MULCH AREA
UNDISTRIBUTED			30	109	0.06	2	3		SMALL AREAS BETWEEN SHOULDER AND SLOPE LIMITS AT SPOT LOCATIONS
PROJECT TOTALS			540	1130	0.70	25	35	20	

EROSION CONTROL MOBILIZATIONS

LOCATION	628.1905	628.1910
	MOBILIZATIONS	MOBILIZATIONS
	EROSION CONTROL	EROSION
	EACH	CONTROL
10+17 TO 34+98	4	1
PROJECT TOTALS	4	1

3

3

EROSION CONTROL												10
STA	-	STA	LOCATION	628.1504	628.1520	628.2027	628.7010	628.7560	628.7555	SPV.0195.02	SPV.0090.01	REMARKS
				SILT FENCE	SILT FENCE	EROSION MAT	INLET PROTECTION	TRACKING PAD	CULVERT PIPE	STONE DITCH	TURTLE	
				LF	LF	CLASS II TYPE C	TYPE B	EACH	CHECKS	CHECK	EXCLUSION	
						SY				TON	FENCING	
10+27	-	-	-	-	-	-	-	1	-	-	-	
10+27		11+10	LT	-	-	158	-	-	-	-	-	
10+42			RT	-	-	-	-	-	-	7	-	
10+50		11+75	LT	-	-	-	-	-	-	-	150	
10+60			RT	-	-	-	-	-	-	7	-	
10+72			RT	-	-	-	1	-	2	-	-	
10+87			RT	-	-	-	-	-	-	7	-	
11+05			RT	-	-	-	-	-	-	7	-	
28+60			RT	-	-	-	-	-	3	-	-	
31+20			RT	-	-	-	-	-	3	-	-	
32+45			RT	-	-	-	-	-	3	-	-	
35+87	-	-	-	-	-	-	-	1	-	-	-	
UNDISTRIBUTED				100	50	162	0	0	0	2	0	
PROJECT TOTALS				100	50	320	1	1	11	30	150	

PAVEMENT MARKINGS

				646.1020	646.6120	REMARKS
				MARKING	MARKING STOP	
				LINE EPOXY	LINE EPOXY	
				4-INCH	18-INCH	
STATION	-	STATION	LOCATION	LF	LF	
10+00	-	10+00	CTH Z	42		WHITE, MINI DASH 3' LINE 9' SKIP ON CTH OT
10+25		10+25	CTH ZM		25	18" WHITE STOP LINE
10+61	-	35+95	RT	2546		WHITE, EDGE LINE
10+03	-	36+07	LT	2625		WHITE, EDGE LINE
10+25	-	17+83	CENTER	1516		DOUBLE YELLOW*
17+83	-	23+15	CENTER	665		YELLOW, SOLID/SKIP*
23+15	-	28+51	CENTER	134		YELLOW, SKIP*
28+51	-	33+09	CENTER	573		YELLOW, SOLID/SKIP*
33+09	-	35+92	CENTER	566		DOUBLE YELLOW*
35+92		35+92	CTH ZM		26	18" WHITE STOP LINE
PROJECT TOTAL				8667	51	*Estimated. Final quantity based on location of No Passing zones.

PERMANENT SIGNING									
SIGN NO.	STATION	SIDE	SIGN CODE	FACE DIR	634.0811 POSTS TUBULAR STEEL 2X2-INCH X 11-FT EACH	638.2102 MOVING SIGNS TYPE II EACH	638.2602 REMOVING SIGNS TYPE II EACH	638.3000 REMOVING SMALL SIGN SUPPORTS EACH	REMARKS
1	10+86	LT	R1-1	N	1	1		1	RELOCATE EXISTING SIGN "STOP" ON NEW POST, EX. POST IS WOOD
2	19+19	RT		S			1	1	REMOVE EXISTING "NO LITTERING" SIGN AND SUPPORT
PROJECT TOTALS					1	1	1	2	

ALL QUANTITIES ARE CATEGORY 10

TRAFFIC CONTROL AND DETOUR SIGNS											
DETAIL	LOCATION	DURATION DAYS	SIGN CODE	SIZE W X H	MESSAGE	NO.	643.0300 TRAFFIC CONTROL DRUMS DAYS	643.0420 TRAFFIC CONTROL BARRICADES TYPE III DAYS	643.0705 TRAFFIC CONTROL WARNING LIGHTS TYPE A DAYS	643.0900 TRAFFIC CONTROL SIGNS DAYS	643.0920 TRAFFIC CONTROL COVERING SIGNS TYPE II EACH
1	CTH ZM	75						150	300	150	Barricades and signs at the EOP
1	CTH OT, STH 35	75	M1-5A	24 X 24	CTH ZM	9				675	
1	CTH OT, STH 35	75	W20-2A	36 X 36	DETOUR AHEAD	2				150	
1	CTH OT, STH 35	75	M4-8	24 X 12	DETOUR	6				450	
1	CTH OT, STH 35	75	MO6-1	21 X 21	STRAIGHT ARROW	2				150	
1	CTH OT	75	MO6-1	21 X 21	RIGHT ARROW	1				75	
1	STH 35	75	MO6-1	21 X 21	LEFT ARROW	1				75	
1	CTH OT	75	MO5-1R	21 X 21	ADVANCE RIGHT ARROW	1				75	
1	STH 35	75	MO5-1L	21 X 21	ADVANCE LEFT ARROW	1				75	
1	CTH OT	75	M4-8A	24 X 18	END DETOUR	1				75	1 Mount sign on existing assembly, cover arrow
2	CTH ZM	75						150	300	150	Barricades and signs at the BOP
2	CTH Z	75	M1-5A	24 X 24	CTH ZM	3				225	
2	CTH Z	75	W20-2A	36 X 36	DETOUR AHEAD	1				75	
2	CTH Z	75	M4-8	24 X 12	DETOUR	2				150	Mount (1) sign on exisiting assembly
2	CTH Z	75	MO6-2	21 X 21	DIAGONAL ARROW	1				75	
2	CTH Z	75	MO6-1	21 X 21	RIGHT ARROW	1				75	1 Mount sign on existing assembly, cover left arrow
2	CTH Z	75	M4-8A	24 X 18	END DETOUR	1				75	1 Mount sign on existing assembly, cover diagonal arrow
3	CTH Z, STH 35	75	M1-5A	24 X 24	CTH ZM	6				450	
3	STH 35	75	W20-2A	36 X 36	DETOUR AHEAD	1				75	
3	CTH Z, STH 35	75	M4-8	24 X 12	DETOUR	5				375	
3	STH 35	75	MO6-1	21 X 21	STRAIGHT ARROW	1				75	
3	STH 35	75	MO6-1	21 X 21	RIGHT ARROW	1				75	
3	CTH Z	75	MO6-1	21 X 21	LEFT ARROW	1				75	
3	STH 35	75	MO5-1R	21 X 21	ADVANCE RIGHT ARROW	1				75	
3	CTH Z	75	MO5-1L	21 X 21	ADVANCE LEFT ARROW	1				75	
SDD 15 C05		75								450	Advance warning signs
SDD 15 D28		75					80			50	For work on shoulder
Undistributed		75					1500				For channelization of local traffic during construction
PROJECT TOTAL							1580	300	600	4550	3

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MARKING REMOVAL LINE 4-INCH

646.9000 MARKING REMOVAL LINE 4-INCH				
STA	-	STA	LOCATION	LF
10+00	-	10+13	CTH Z	36
PROJECT TOTAL				36

LOCATING NO-PASSING ZONE

648.0100 LOCATING NO-PASSING ZONES				
STA	-	STA	LOCATION	FEET
10+25	-	35+78	MAINLINE	2553
PROJECT TOTAL				0.48

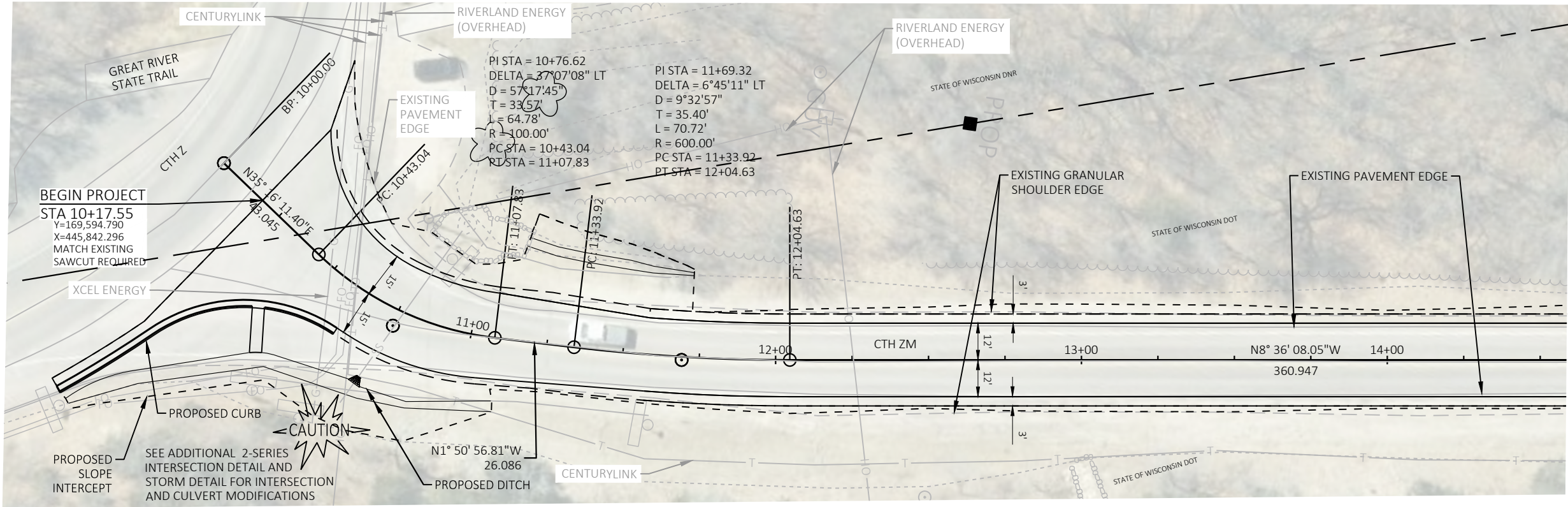
CONSTRUCTION STAKING

				650.4500 SUBGRADE	650.5000 BASE	650.5500 CURB GUTTER & CURB & GUTER	650.9911 SUPPLEMENTAL CONTROL	650.9920 SLOPE STAKES	NOTES
STATION	TO	STATION	LOCATION	LF	LF	LF	EACH	LF	
10+11		10+62	RT			101			ONLY REQUIRED WHERE SLOPES ARE SIGNIFICANTLY OUTSIDE THE SHOULDER POINTS. INCLUDED FOR THE ENTIRE PROJECT LENGTH FOR QUANTITY PURPOSES SINCE LOCATIONS VARY. SEE CROSS SECTIONS. INCLUDES ANY STAKING TO CONSTRUCT DITCH GRADING WITHIN CTH Z/CTH ZM INTERSECTION.
10+17		35+98	RT<	2,581	2,581		1		
10+17		35+98	RT<					2,581	
PROJECT TOTALS				2,581	2,581	101	1	2,581	

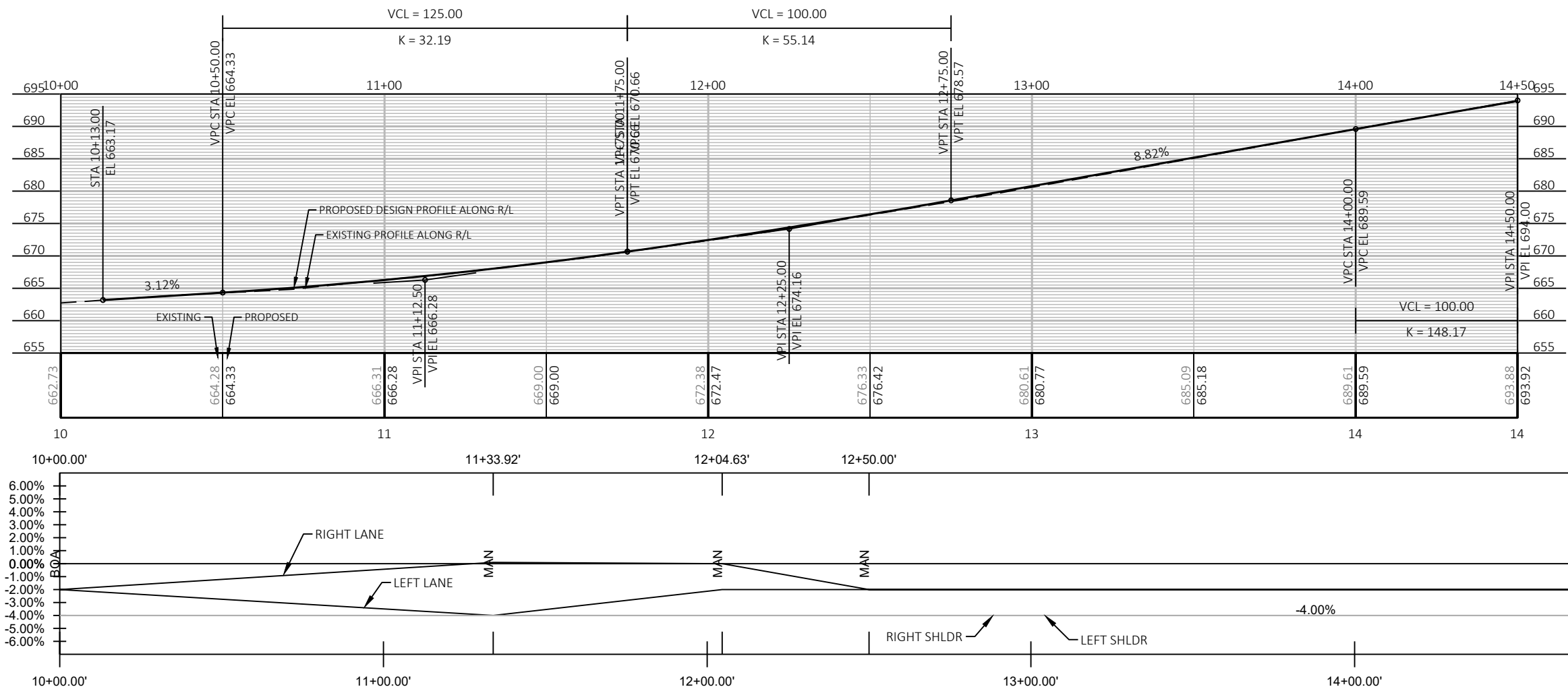
SAWCUT ASPHALT & CONCRETE

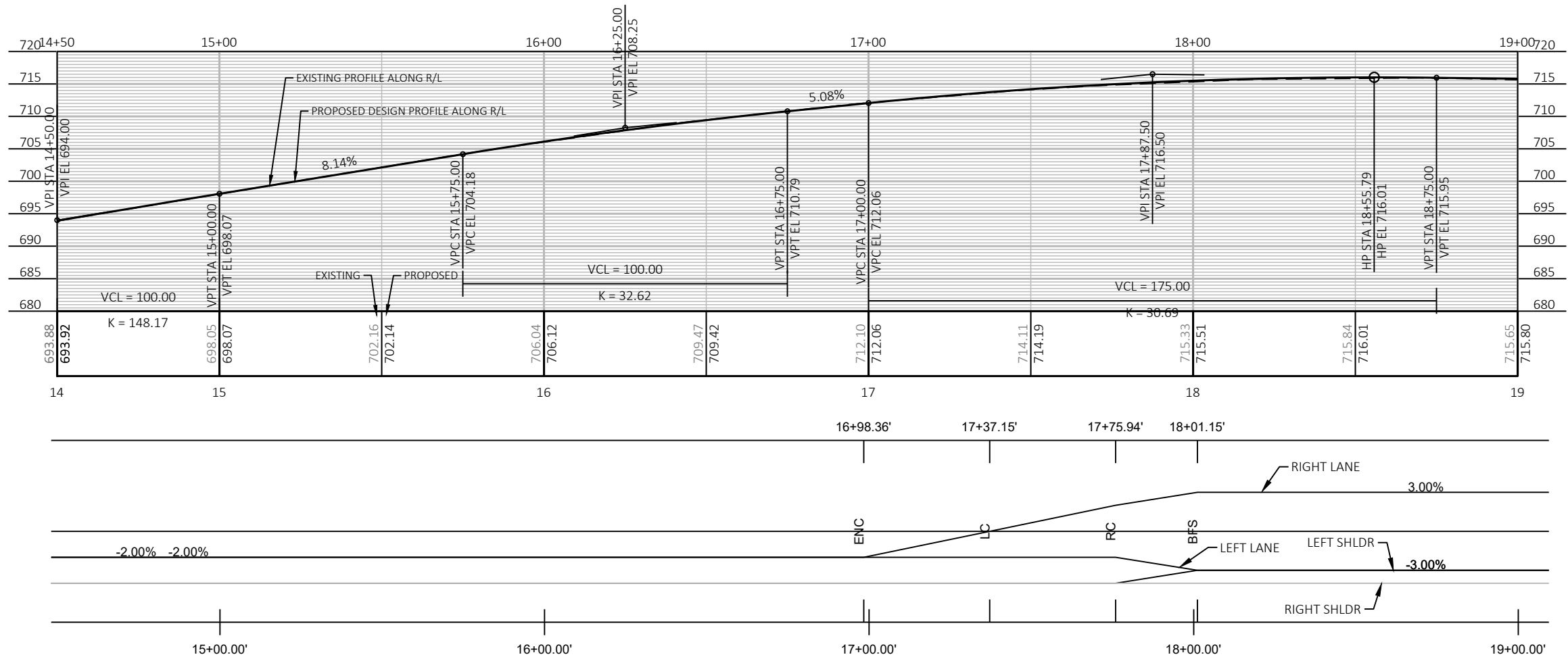
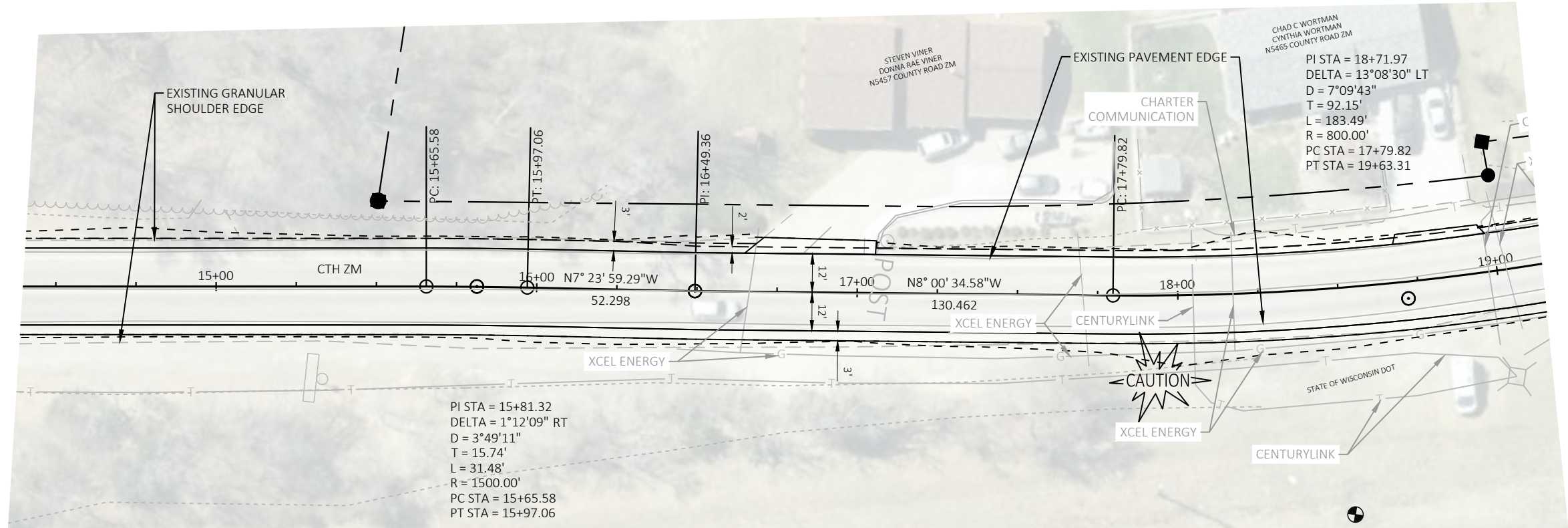
STATION	-	STATION	LOCATION	690.0150 SAWING ASPHALT LF	690.0250 SAWING CONCRETE LF	REMARKS
10+17				134		BEGINNING OF PROJECT
16+83		17+02			19	PCC DRIVE LT
20+75		21+00			25	PCC DRIVE LT
22+92		23+14			22	PCC DRIVE LT
23+41		2366			25	PCC DRIVE LT
31+30		31+68			38	ASPHALTIC DRIVE RT
32+51		32+82			31	ASPHALTIC DRIVE RT
35+98				79		END OF PROJECT
UNDISTRIBUTED						
PROJECT TOTALS				213	160	

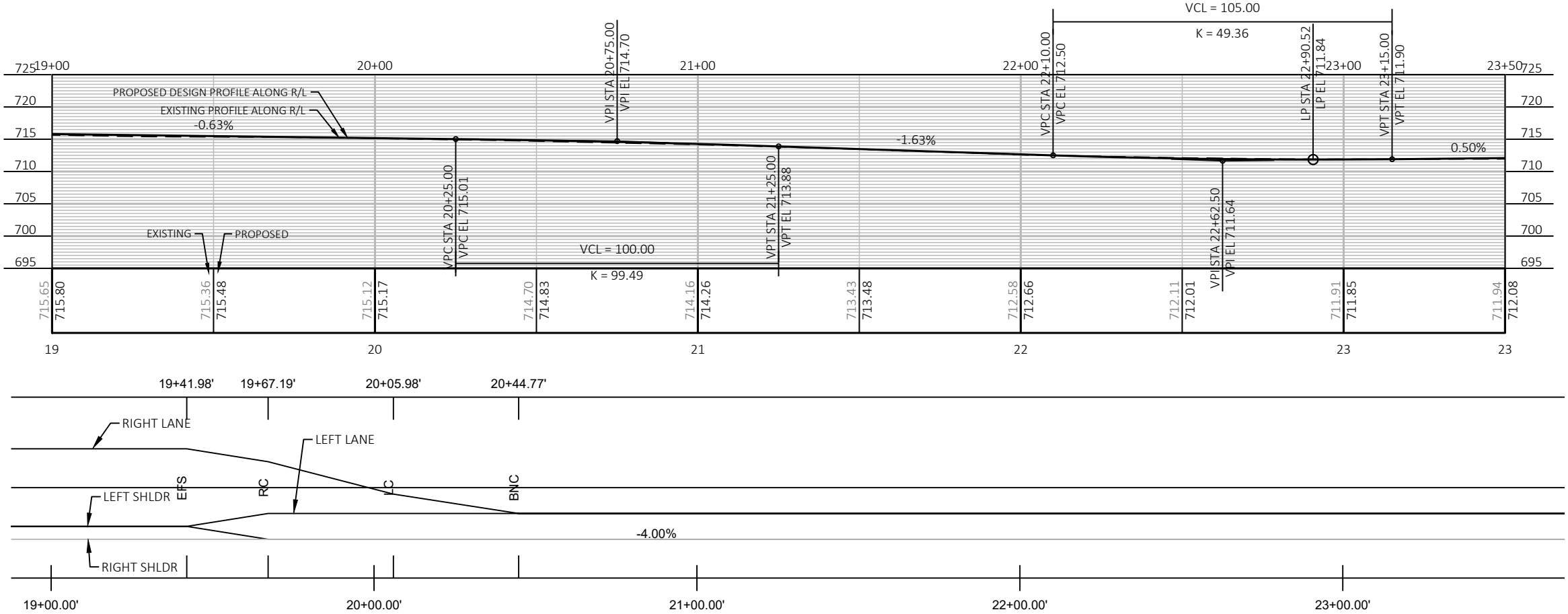
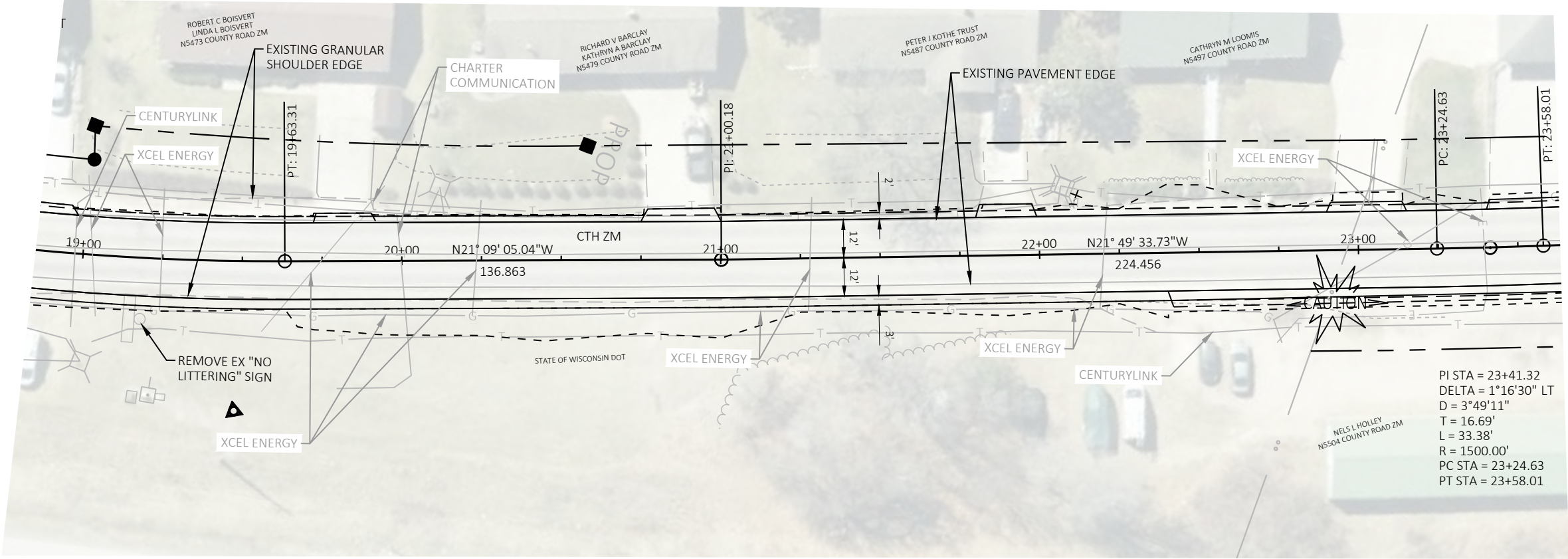
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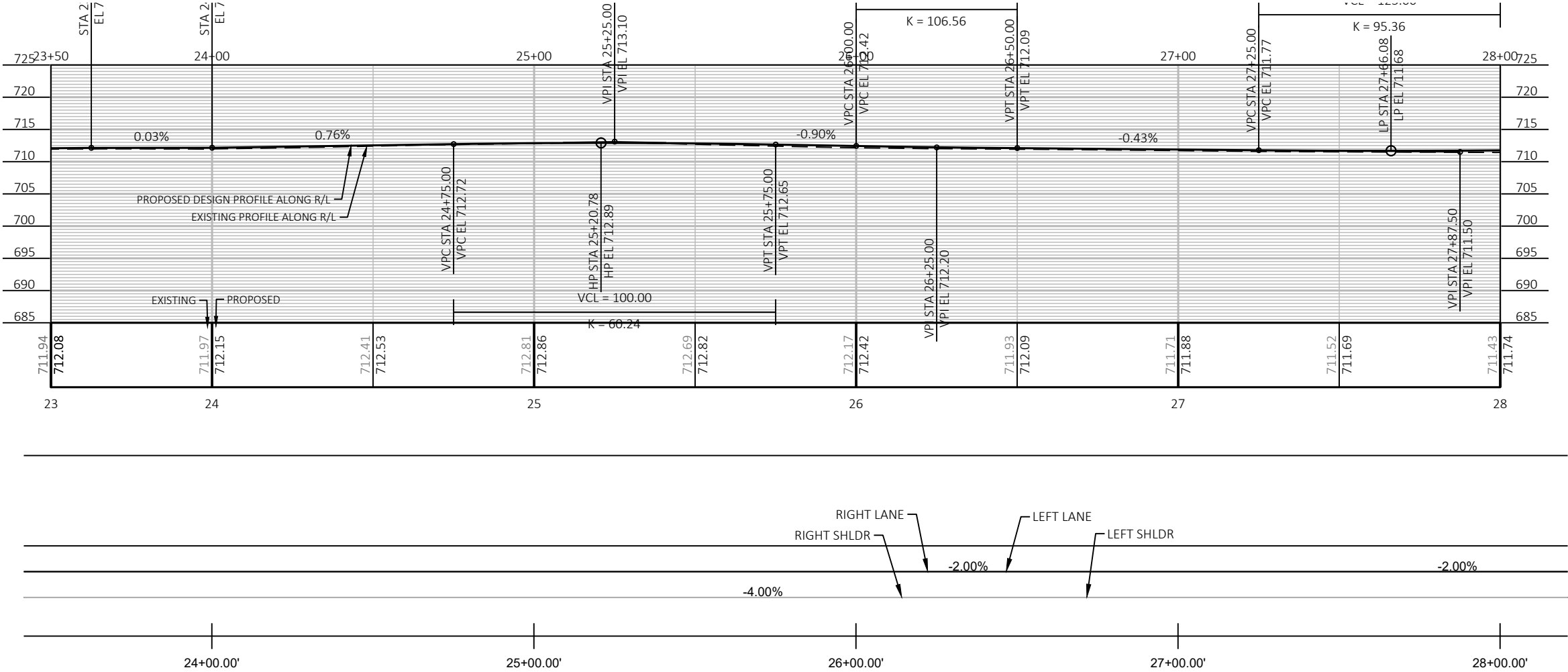
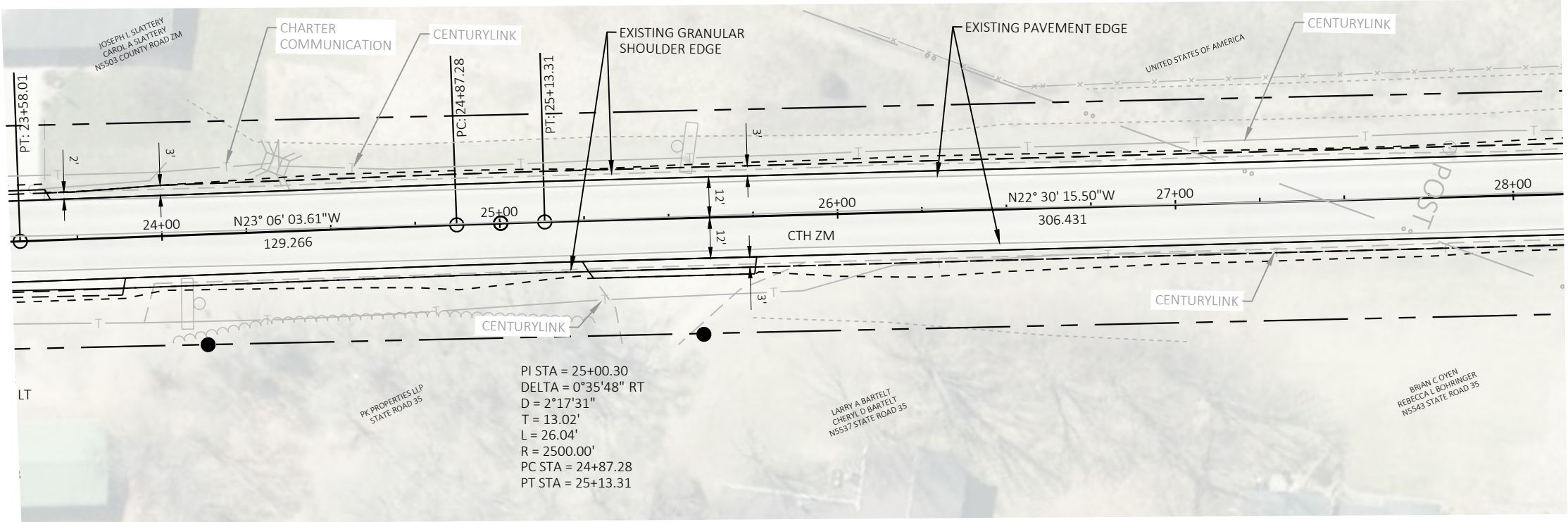


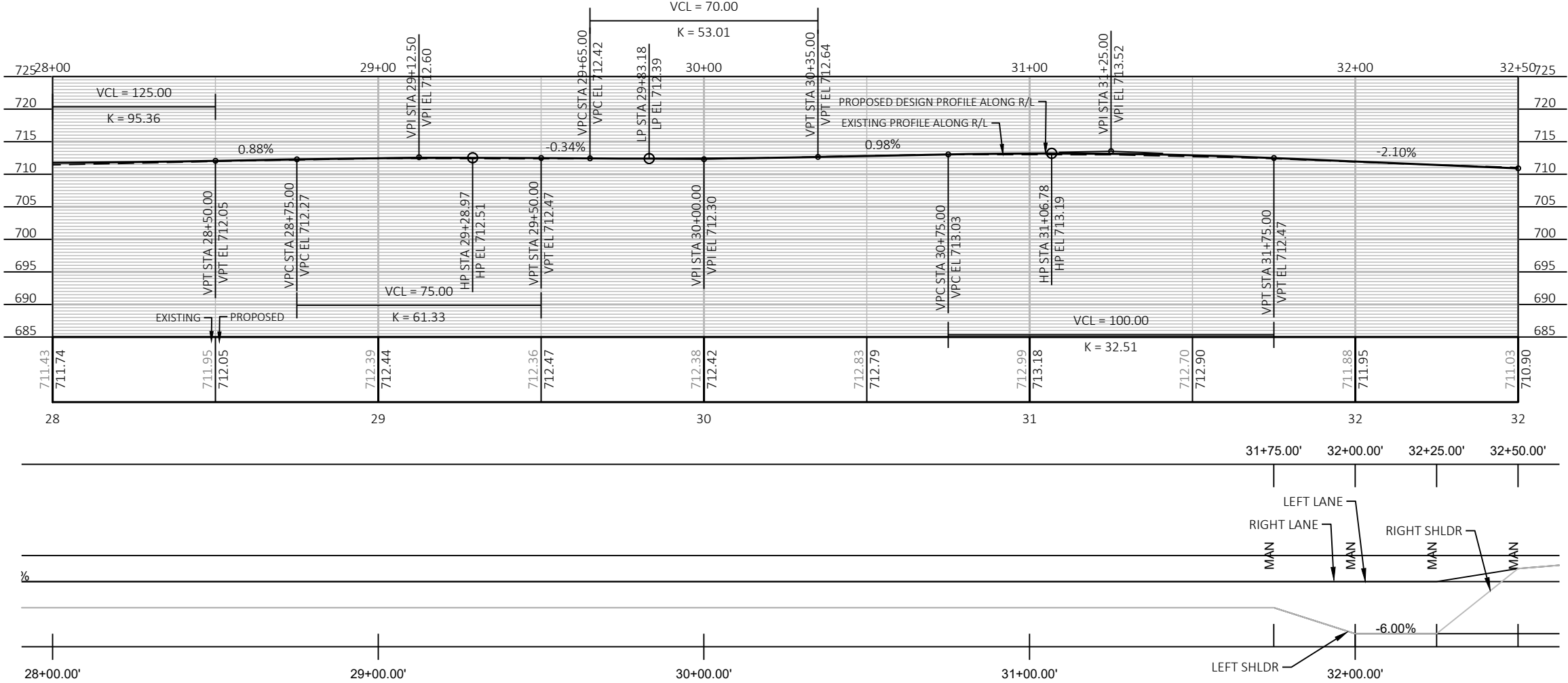
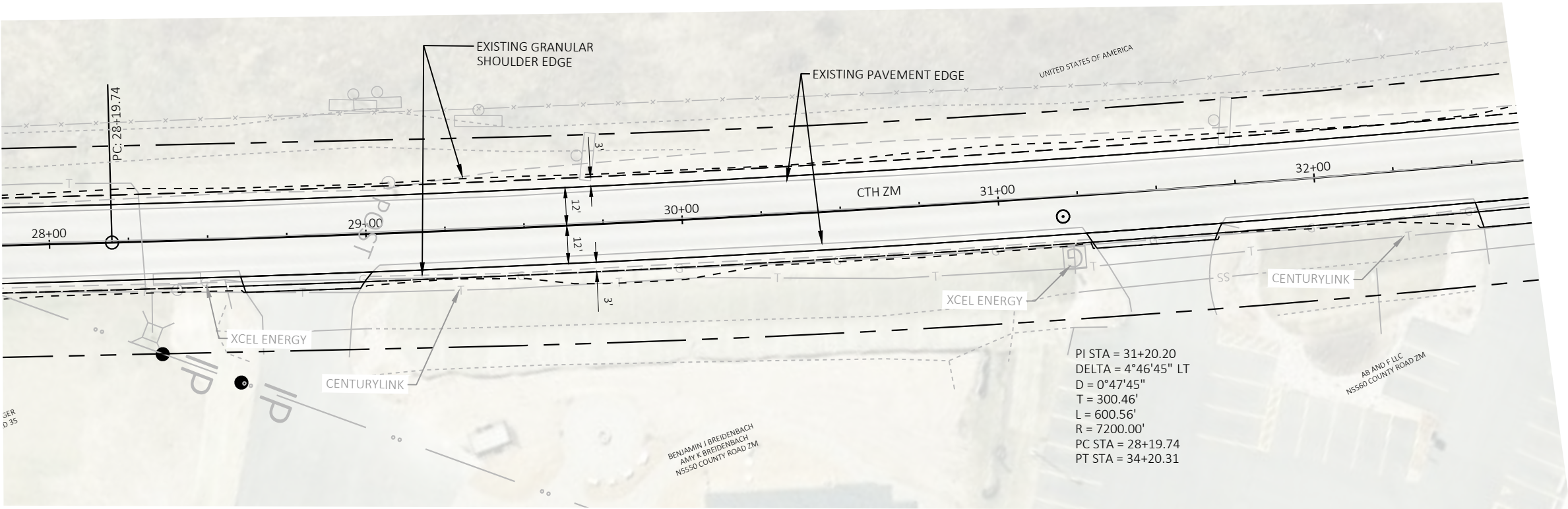
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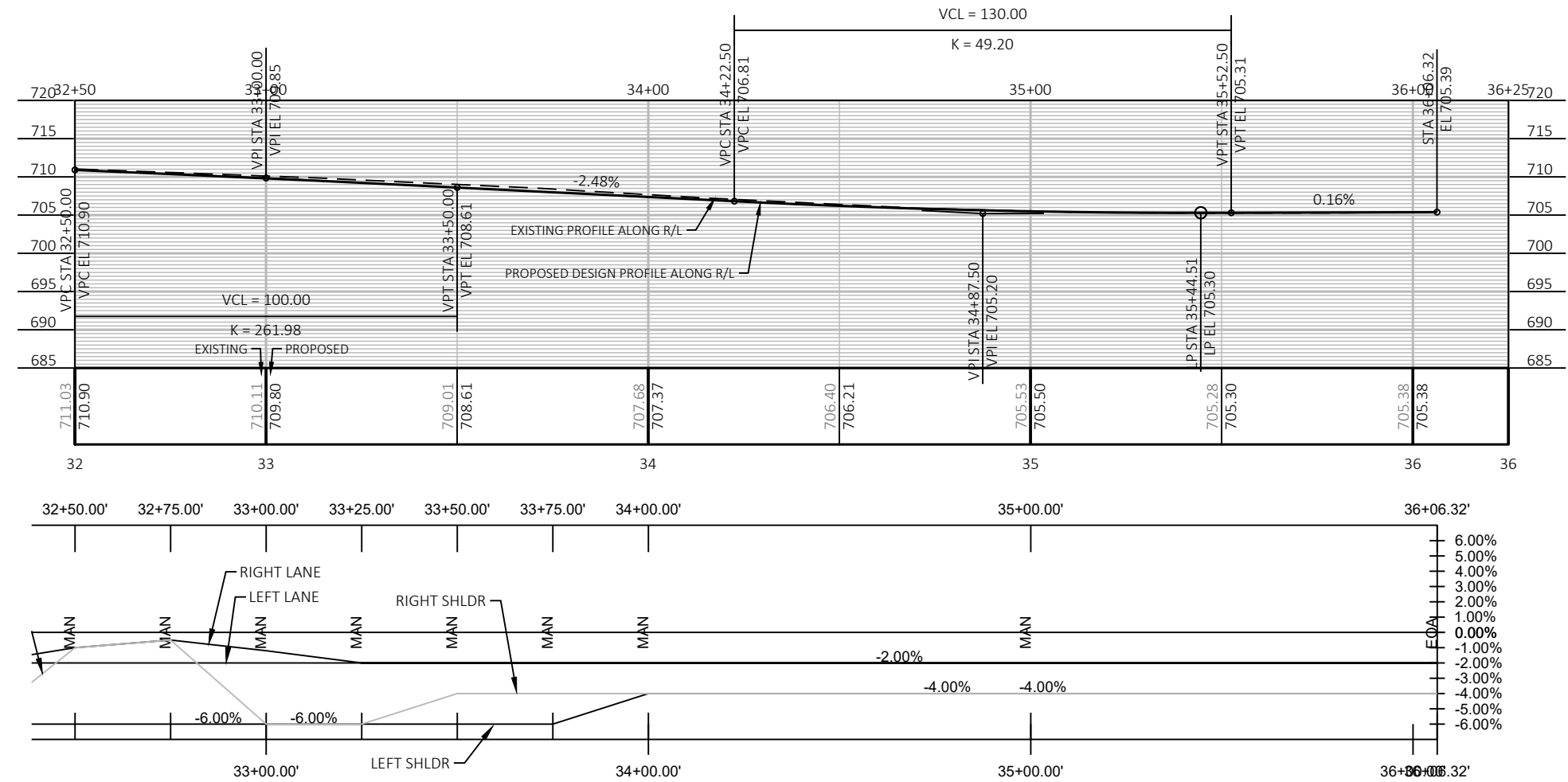
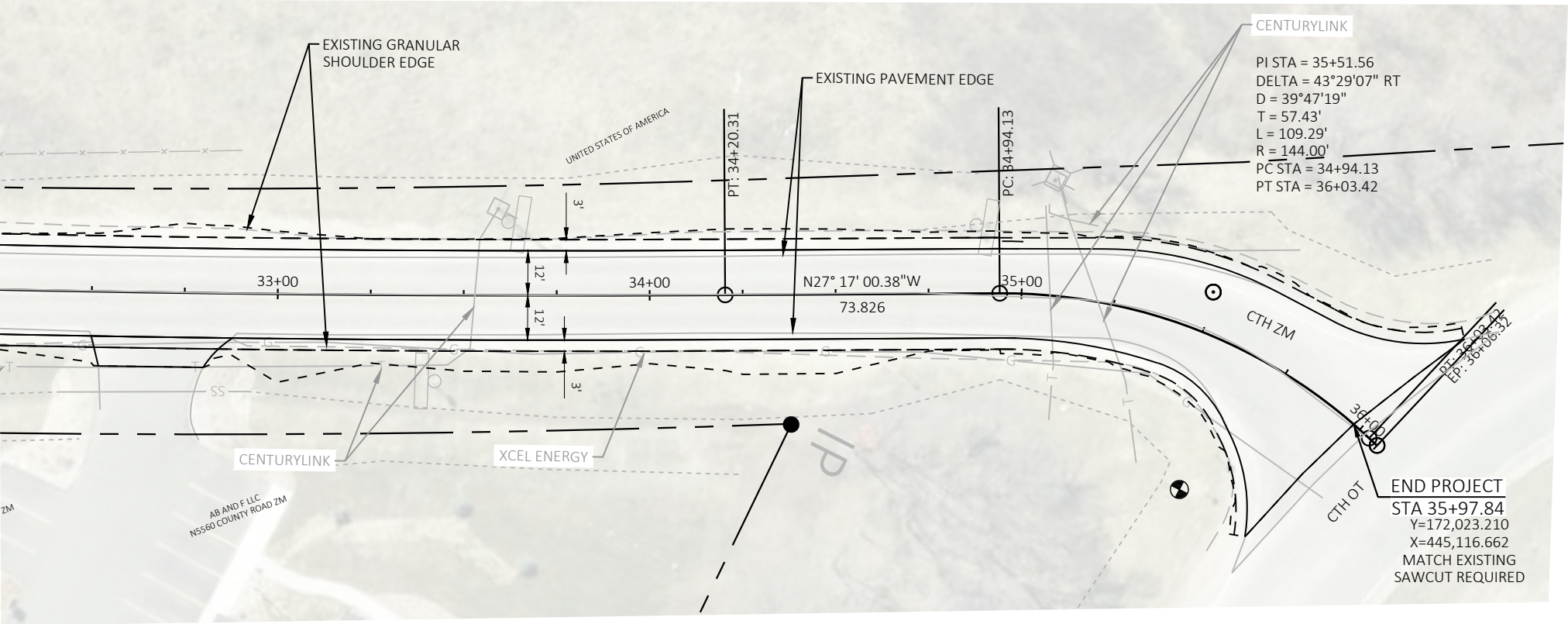


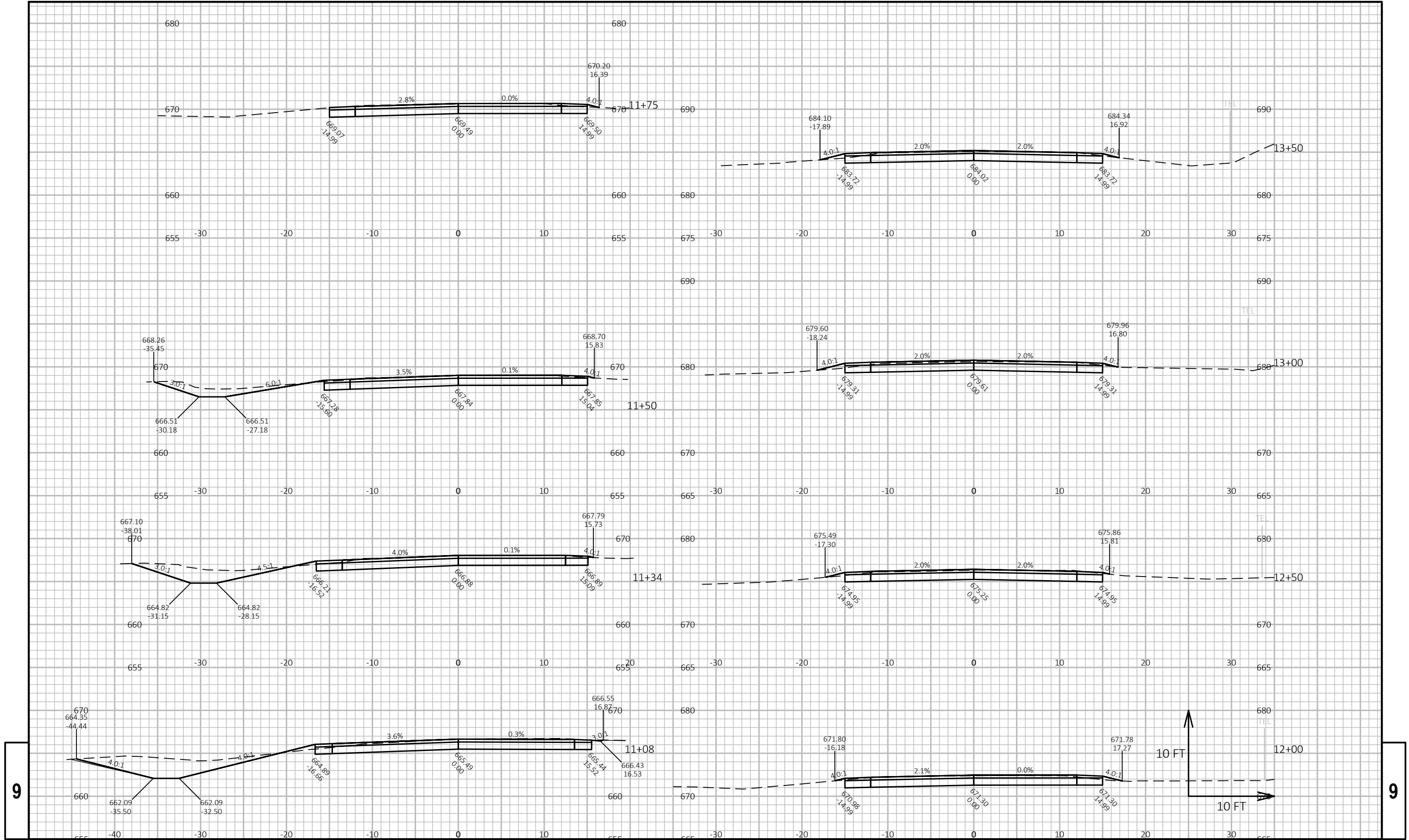




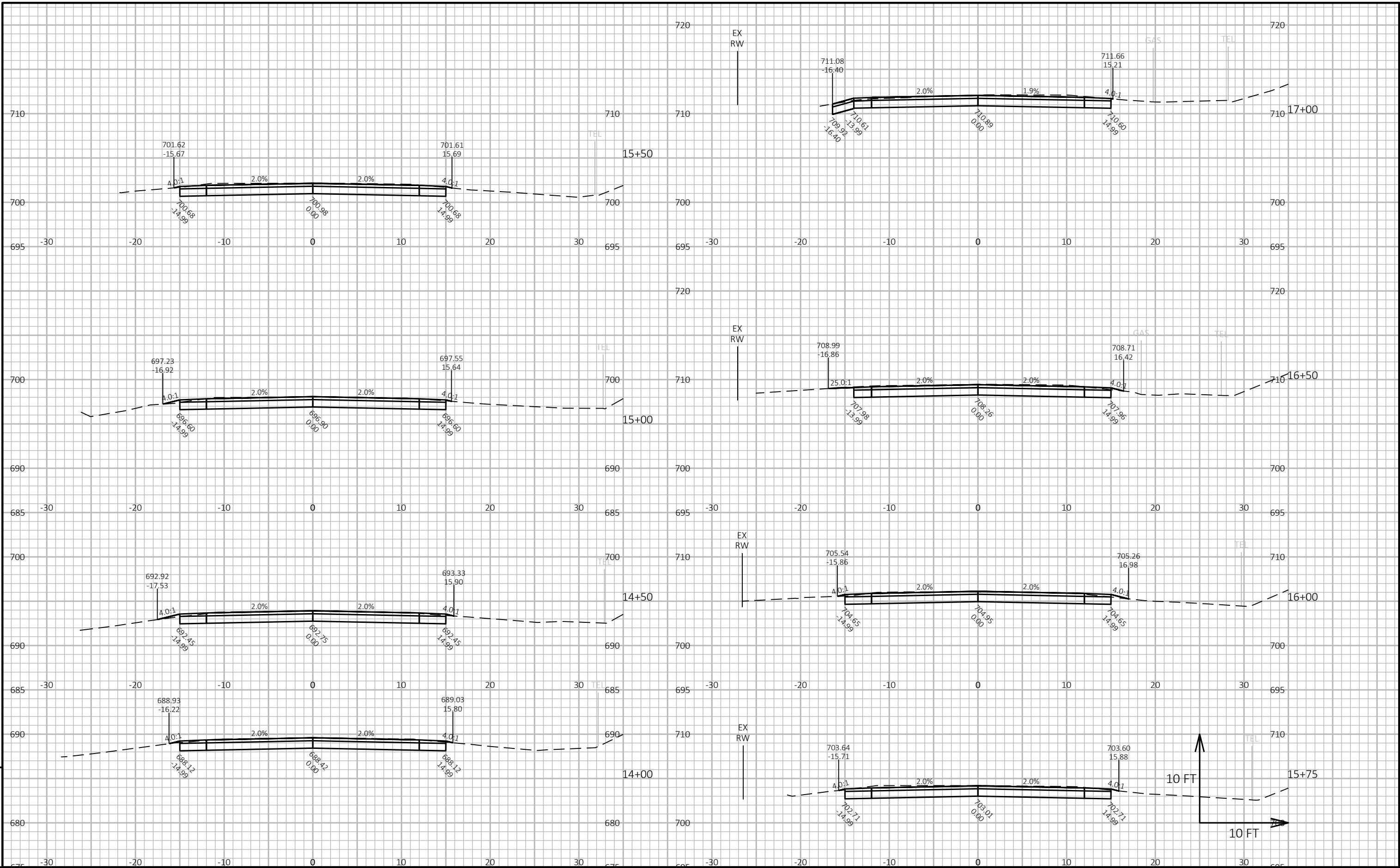


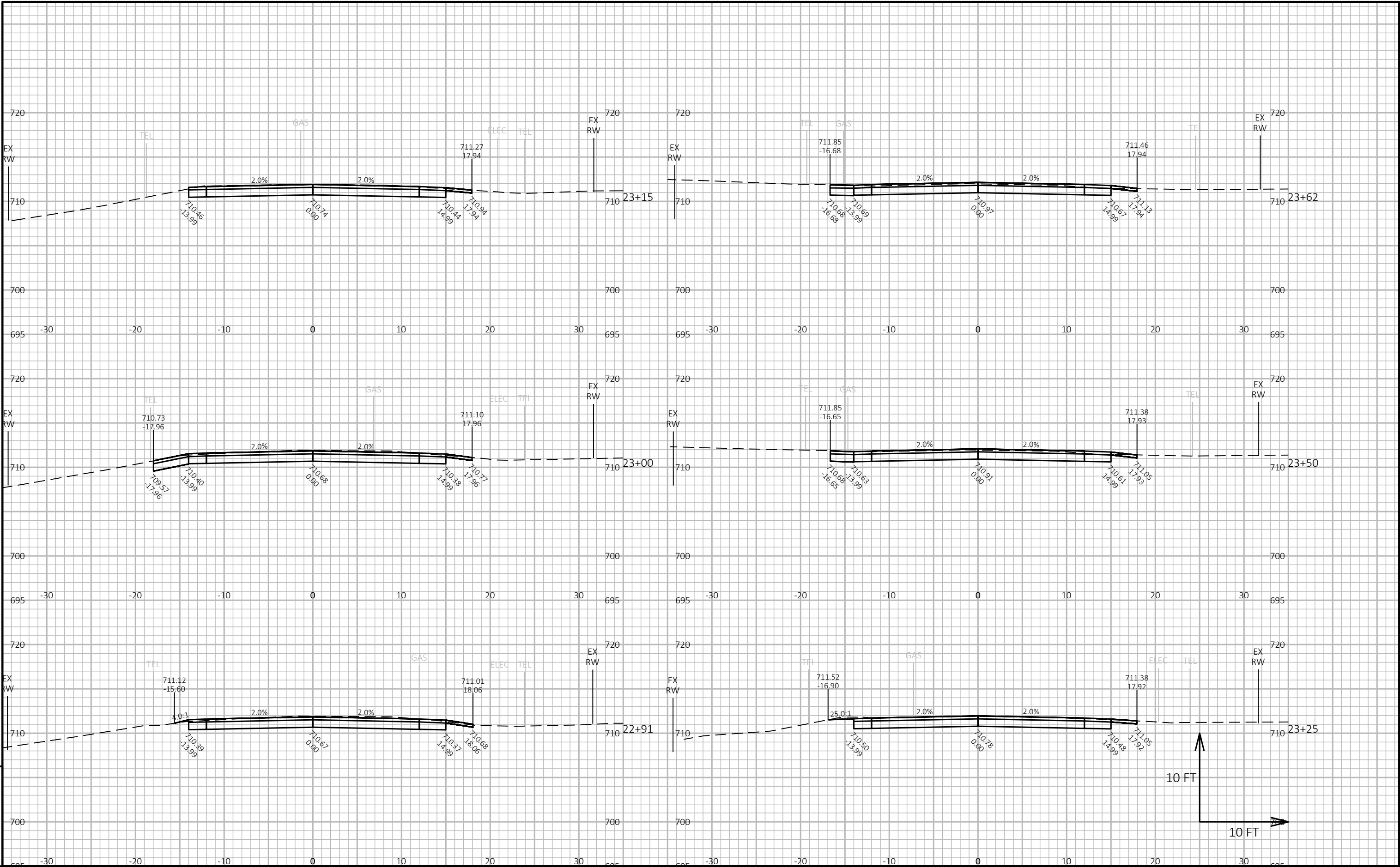






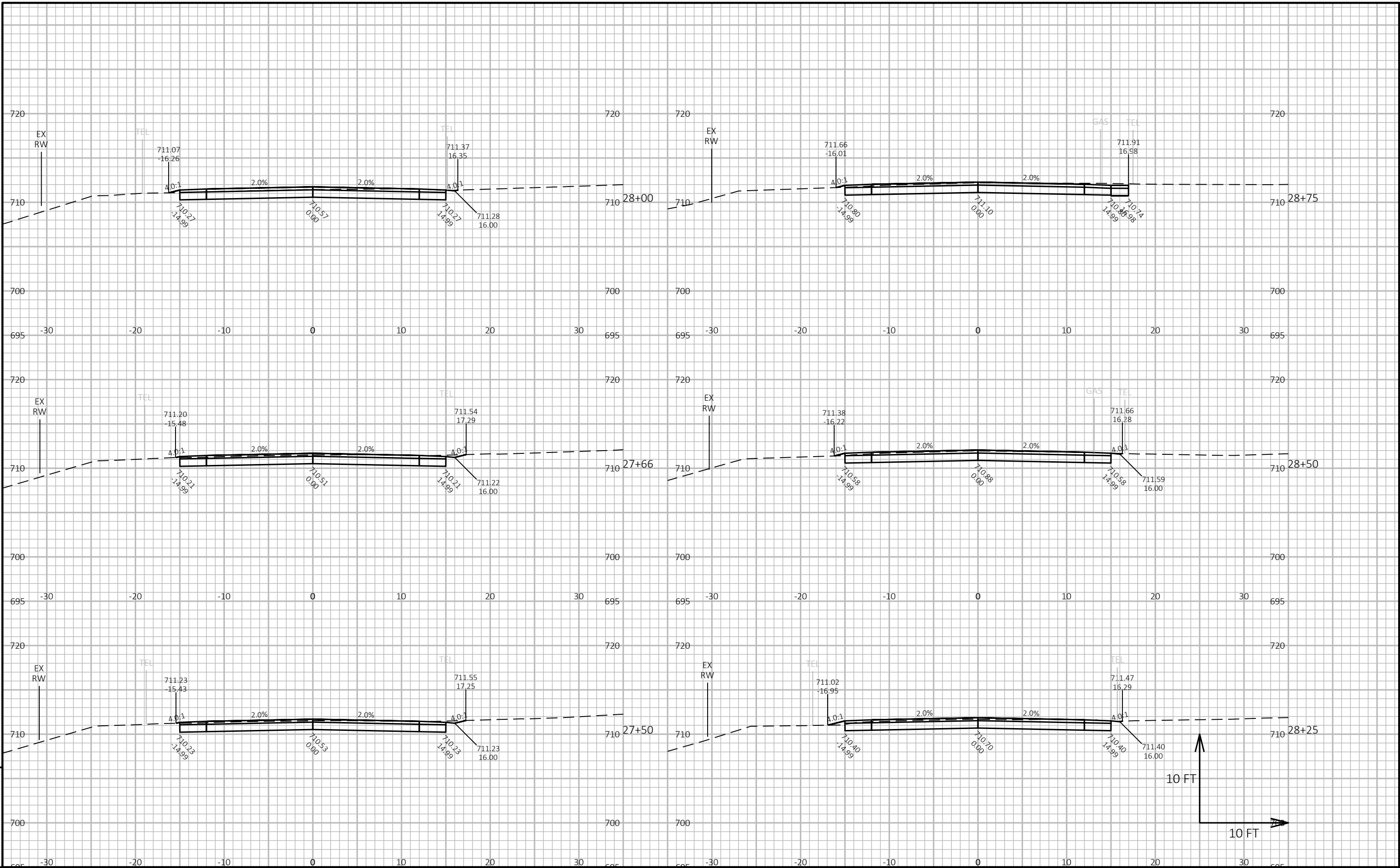
PROJECT NO: 5991-02-75	HWY: CTH ZM	COUNTY: LA CROSSE COUNTY	CROSS SECTIONS: CTH ZM	SHEET E
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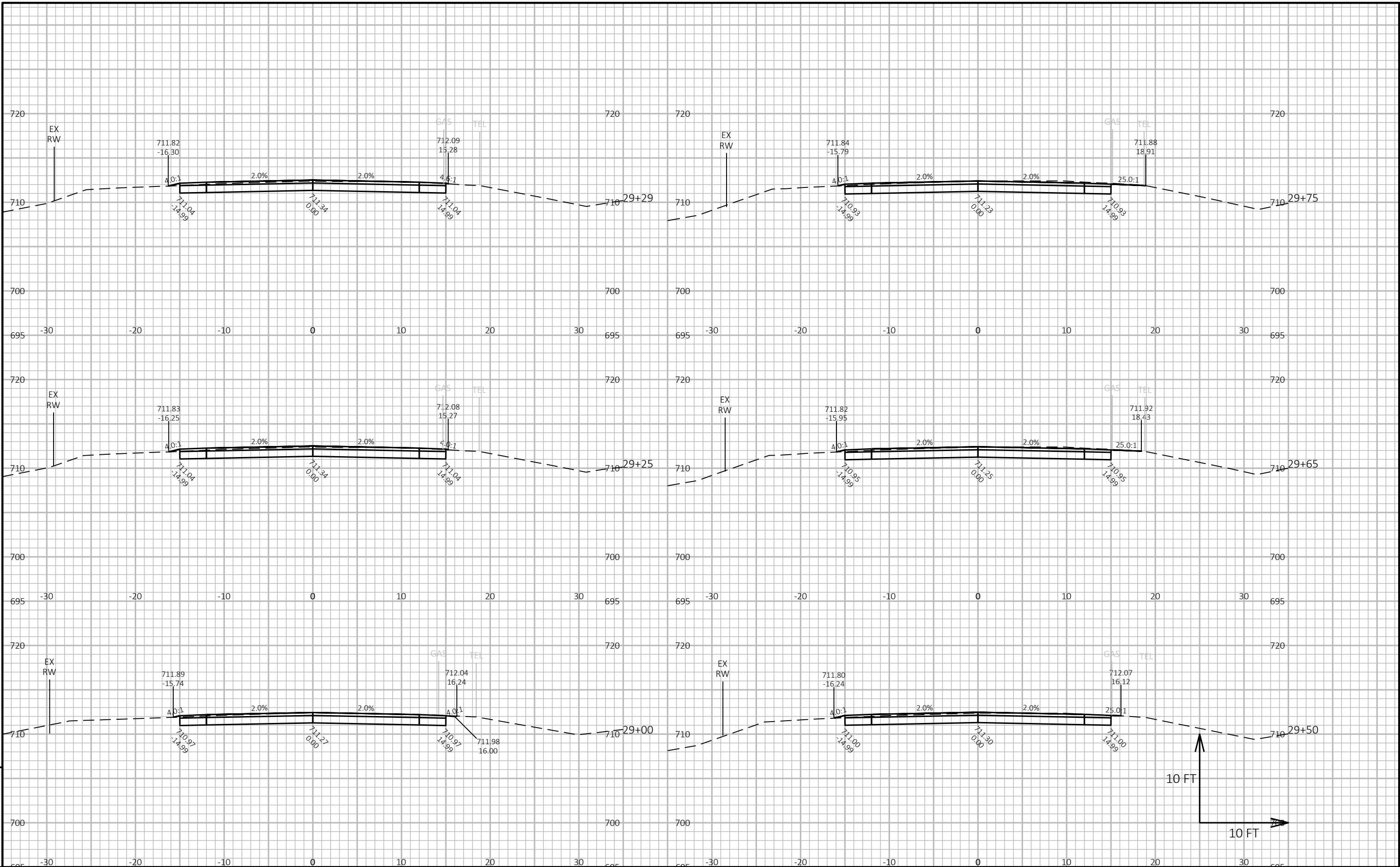




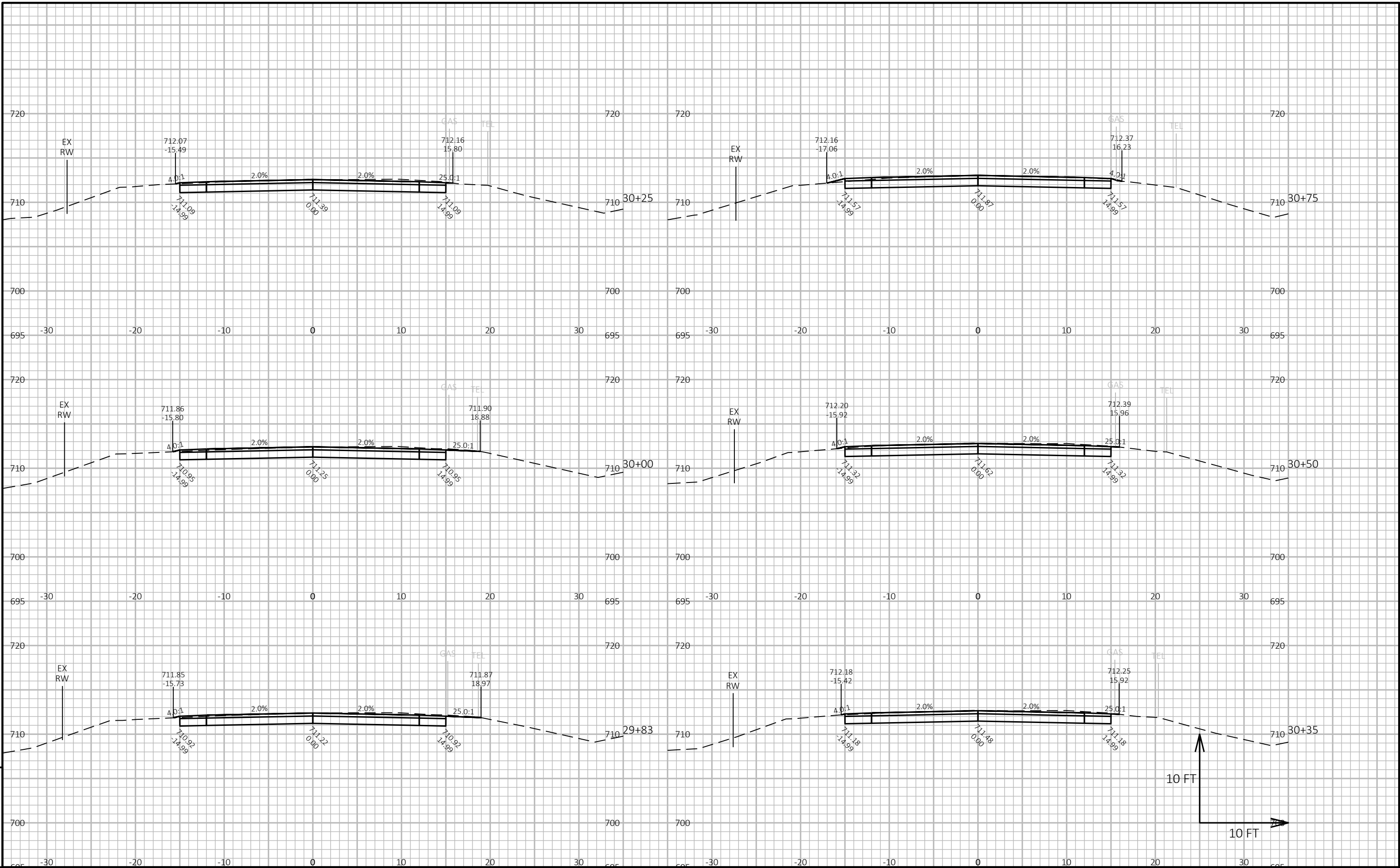
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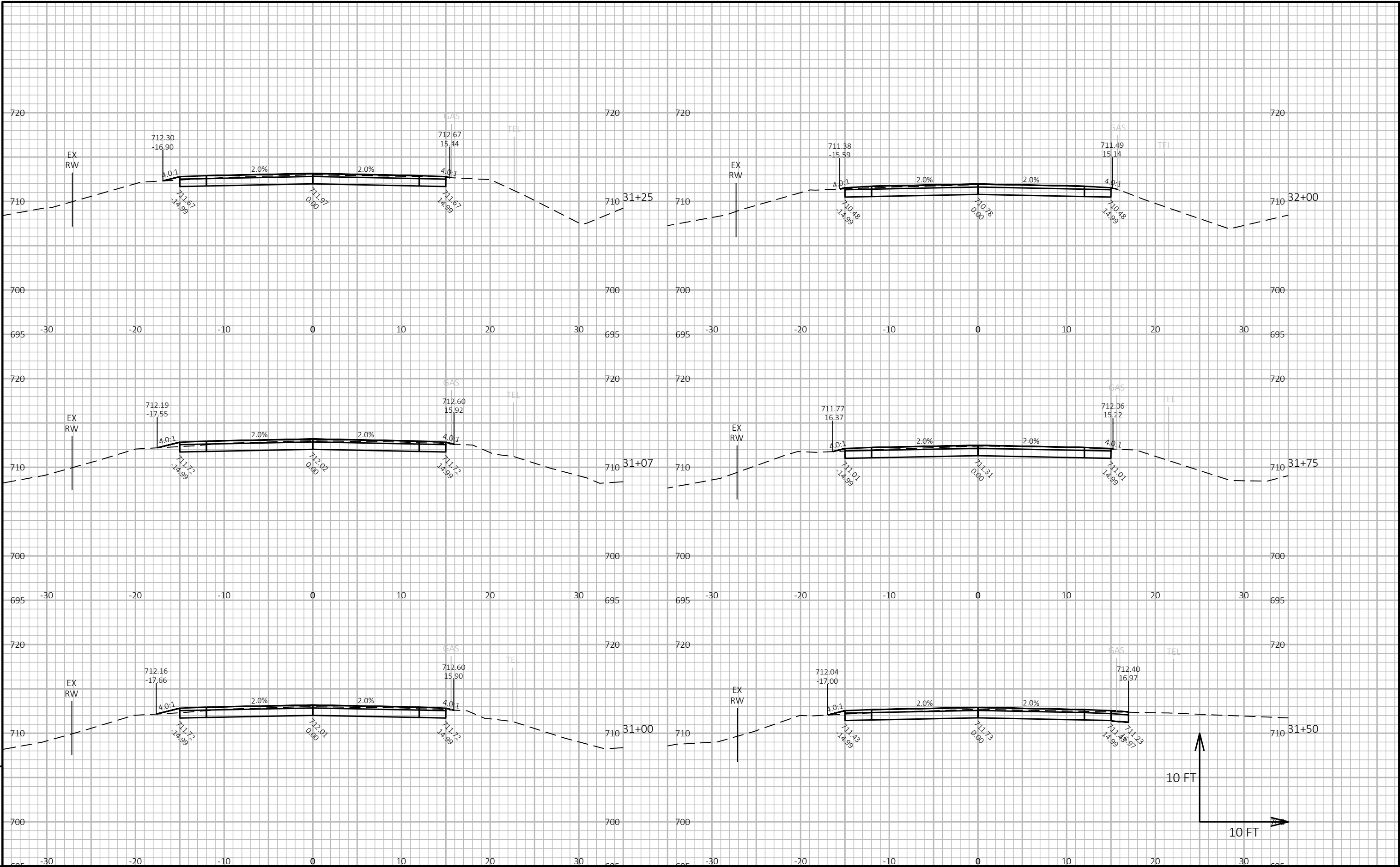
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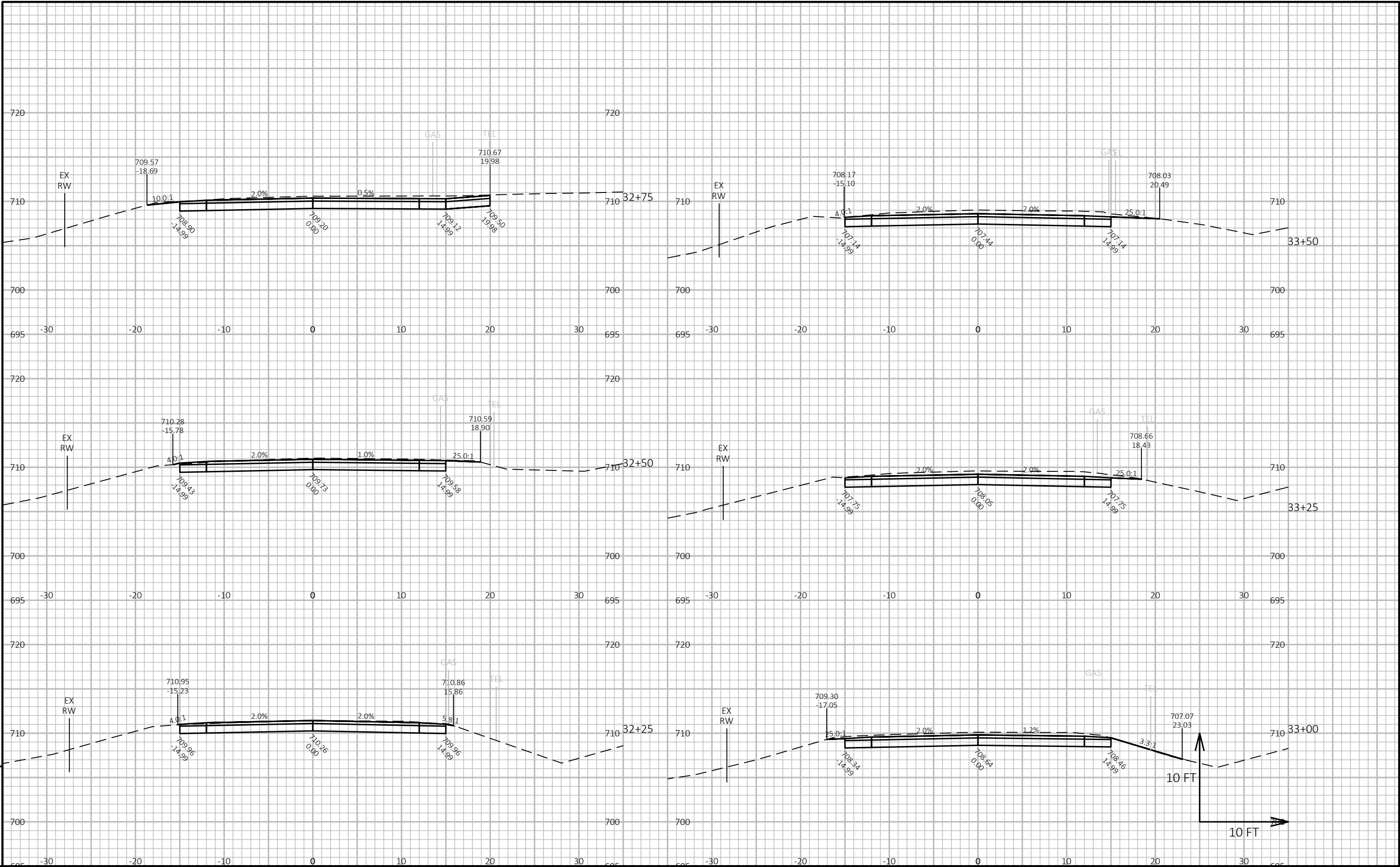


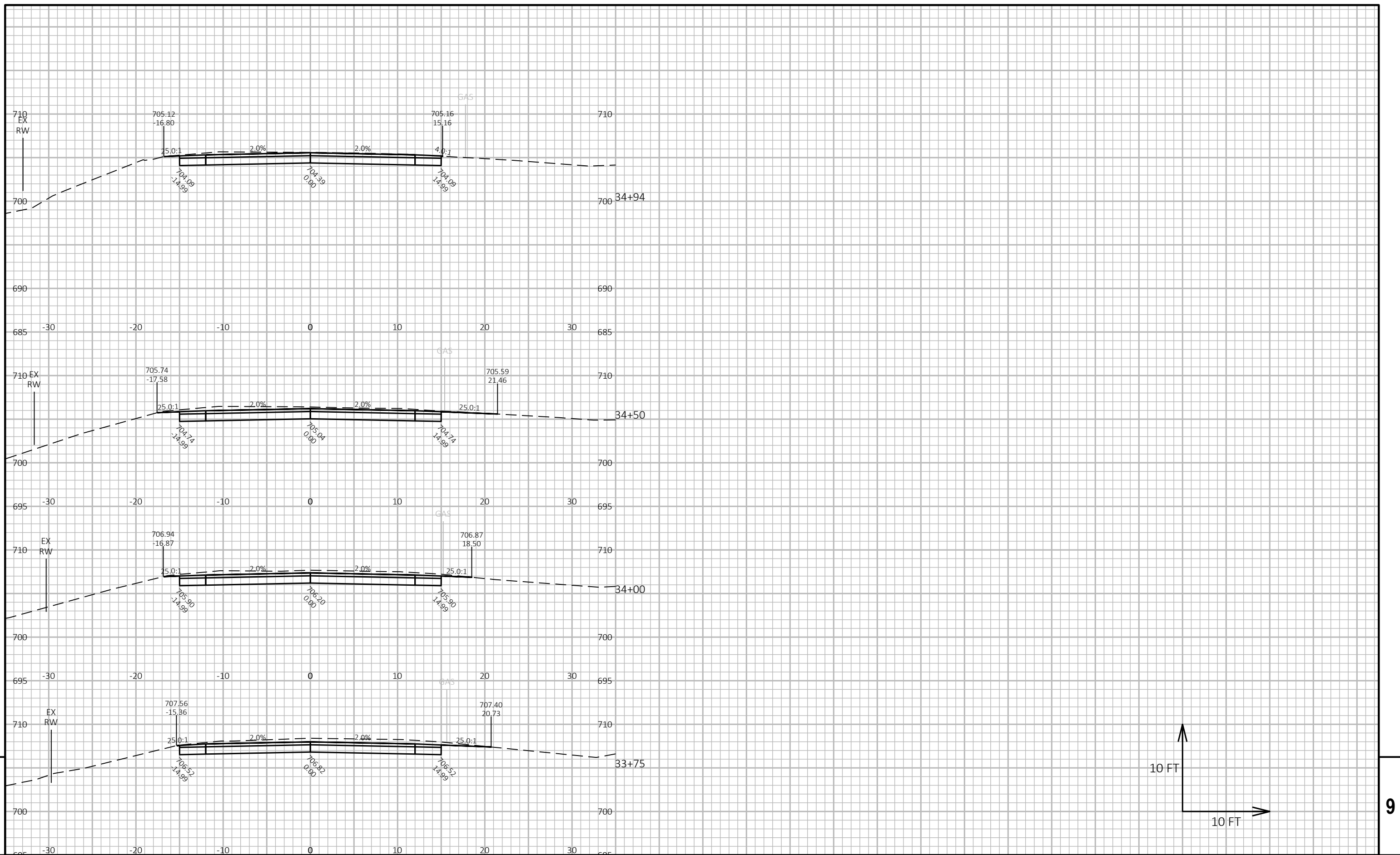
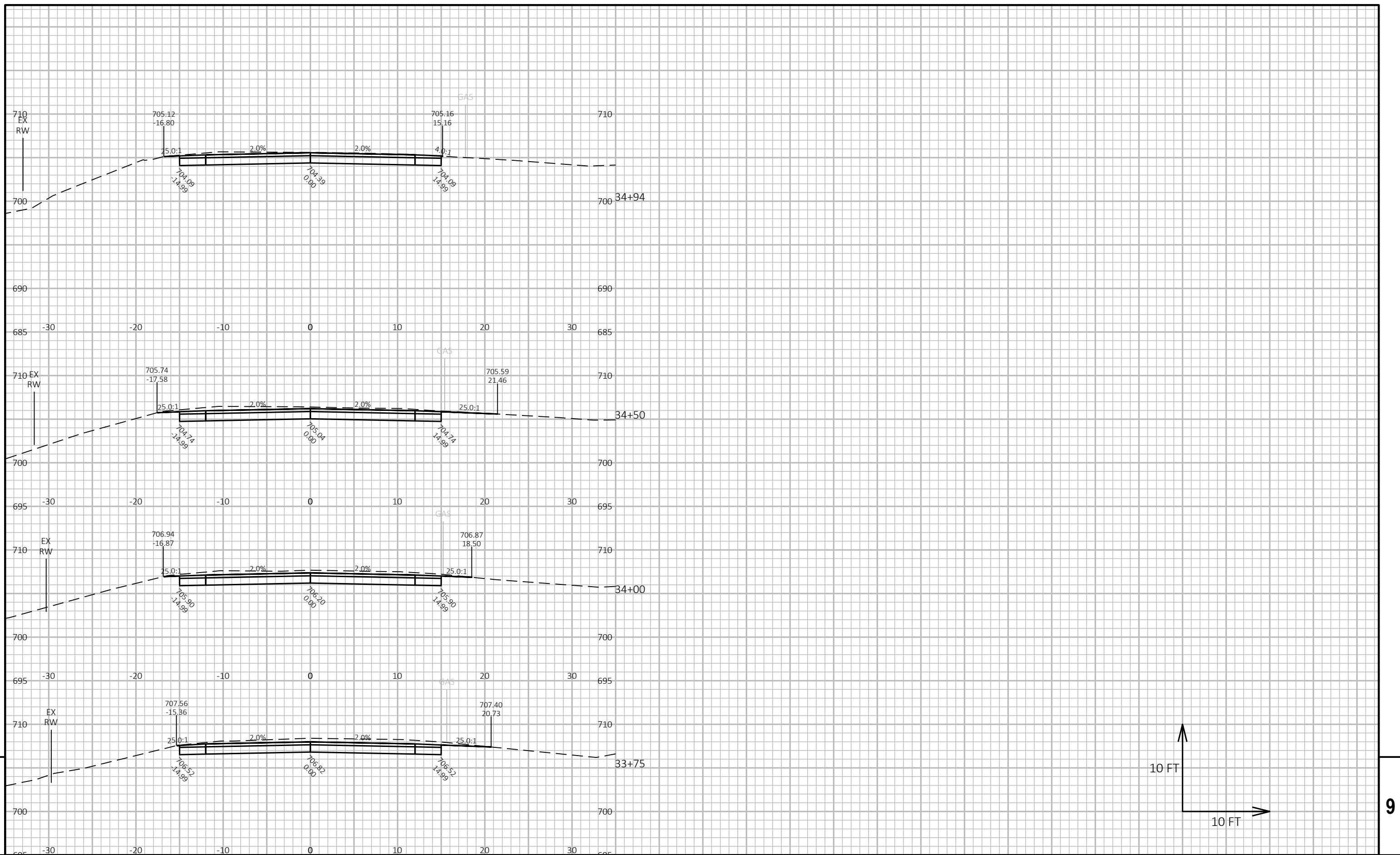


PROJECT NO: 5991-02-75	HWY: CTH ZM	COUNTY: LA CROSSE COUNTY	CROSS SECTIONS: CTH ZM	SHEET E
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PROJECT NO: 5991-02-75	HWY: CTH ZM	COUNTY: LA CROSSE COUNTY	CROSS SECTIONS: CTH ZM	SHEET	E
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FILE NAME :	P:\21\092\DRAWINGS\CTH ZM\SHEETSPLAN\090201-XS.DWG	PLOT DATE :	7/8/2022 3:50 PM	PLOT BY :	NOAH HOFRICHTER	PLOT NAME :		PLOT SCALE :	1 IN=10 FT HORZ. / 1 IN=10 FT VERT.	WISDOT/CADD SHEET 49
LAYOUT NAME -	12									