

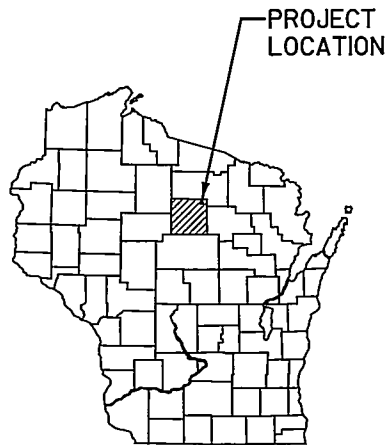
PROJECT ID: 9405-04-70
WITH: N/A

COUNTY: LINCOLN

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 (Includes Erosion Control)
- 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

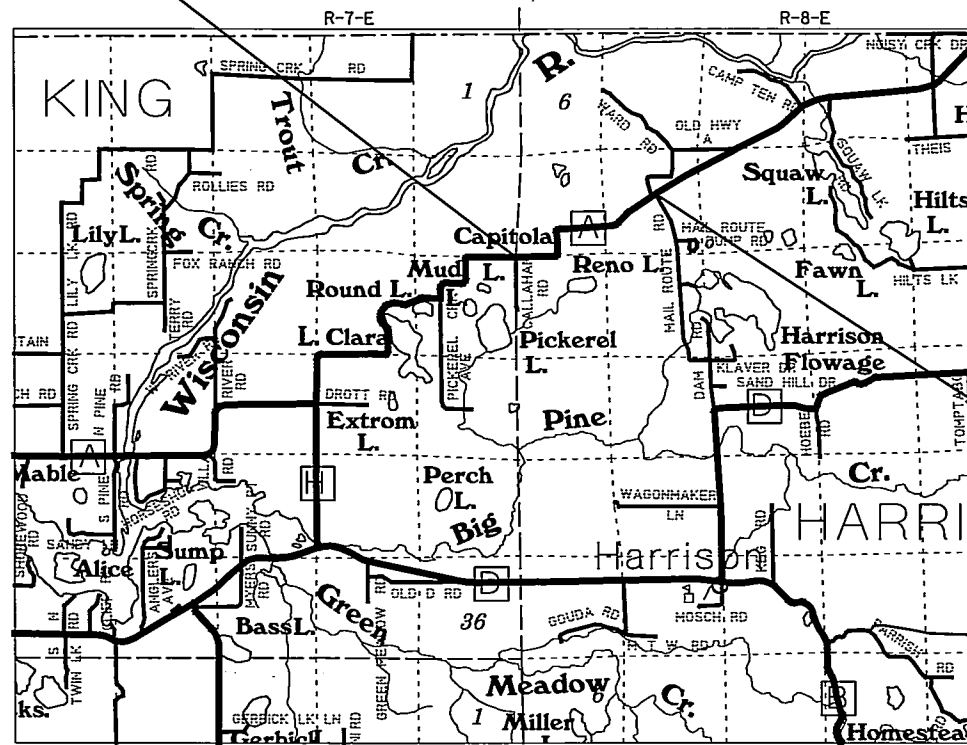
TOTAL SHEETS =



BEGIN PROJECT
STA 11+78.44
Y=247837.778
X=426808.731

STATE PROJECT NUMBER
9405-04-70

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION
PLAN OF PROPOSED IMPROVEMENT
CTH H - STH 17
CALLAHAN RD - MAIL ROUTE RD
CTH A
LINCOLN COUNTY



T-35-N

END PROJECT
STA 115+00.00
Y=251146.311
X=435687.483

DESIGN DESIGNATION

- ADT (2008) = 429
- ADT (2028) = 638
- DHV (2028) = 64
- D = 50-50%
- T (% of ADT) = 10
- DESIGN SPEED = 55 MPH
- ESALS = 114,975

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

LAYOUT
SCALE 0 1 MI.
TOTAL NET LENGTH OF CENTERLINE = 1.955 MI. (RURAL)

COORDINATES AND BEARINGS ON THIS PLAN ARE REFERENCED TO THE LINCOLN COUNTY COORDINATE SYSTEM. ALL PLAN DISTANCES ARE GROUND LENGTH AND NO CONVERSION IS NEEDED.

STATE PROJECT	FEDERAL PROJECT	
	PROJECT	CONTRACT
9405-04-70		

ACCEPTED FOR
COUNTY OF
LINCOLN

4-28-08
(Date) *Ruby Schief*
(County Highway Commissioner)

ORIGINAL PLANS PREPARED BY
MEAD & HUNT ENGINEERS ARCHITECTS SCIENTISTS PLANNERS



Steven G. Plachinski
4-24-08
(Date)

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

PREPARED BY
Surveyor MEAD & HUNT
Designer MEAD & HUNT
Management Consultant CEDAR CORPORATION
C.O. Examiner _____

APPROVED FOR THE DEPARTMENT
DATE: 4-30-08
J.M. Wolfe
(Management Consultant Signature)

E

GENERAL NOTES

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

EXACT LOCATION OF ALL DRIVEWAY ENTRANCES TO BE DETERMINED BY THE ENGINEER IN THE FIELD.

THE LOCATION 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 AFFECTED UTILITIES PRIOR TO THE START OF WORK.

EXCAVATION BELOW SUBGRADE (EBS) IS NOT USED TO BALANCE YARDAGE AND IS SHOWN ON THE CROSS SECTIONS. IT WILL BE MEASURED AND PAID FOR AS COMMON EXCAVATION. THE FINAL LOCATION FOR (EBS) WILL BE DETERMINED BY THE ENGINEER IN THE FIELD.

WHEN THE QUANTITY OF AN ITEM IS MEASURED FOR PAYMENT BY THE TON THE DEPTH OR THICKNESS OF THE COURSE SHOWN ON THE PLANS IS APPROXIMATE AND THE ACTUAL THICKNESS WILL DEPEND ON THE DISTRIBUTION OF THE MATERIAL AS DIRECTED BY THE ENGINEER.

SHRINKAGE OF EARTHWORK IS VARIABLE. AN AVERAGE FACTOR FOR COMMON EXCAVATION IS 30%.

CROSS DRAIN PIPE LOCATIONS AND ELEVATIONS AS SHOWN ON THE CROSS SECTION SHEETS ARE APPROXIMATE AND SHALL BE ADJUSTED TO FIT FIELD CONDITIONS.

SEED MIXTURE NO. 20 SHALL BE USED THROUGHOUT THE PROJECT.

COORDINATES AND BEARINGS ON THIS PLAN ARE ORIENTATED TO THE LINCOLN COUNTY COORDINATE SYSTEM. ALL PLAN DISTANCES ARE GROUND LENGTH AND NO CONVERSION IS NEEDED.

THE LOW SIDE SHOULDER SLOPE ON SUPERELEVATED SECTIONS EQUALS THE SUPERELEVATION WHEN THE SUPERELEVATION IS GREATER THAN 0.04 FT/FT. IF SUPERELEVATION IS LESS THAN OR EQUAL TO 0.04 FT/FT THE SIDE SHOULDER SLOPE IS 0.04 FT/FT. THE HIGH SIDE SHOULDER SLOPE ON SUPERELEVATED SECTIONS EQUALS THE SUPERELEVATION.

THE 3-1/2 INCH HMA PAVEMENT SHALL CONSIST OF:
ONE 1-3/4 INCH OF 12.5mm HMA PAVEMENT TYPE E-0.3, PERFORMANCE GRADE PG 58-28, UPPER LAYER AND
ONE 1-3/4 INCH OF 19.5mm HMA PAVEMENT TYPE E-0.3, PERFORMANCE GRADE PG 58-28, LOWER LAYER.

TACK COAT HAS BEEN ESTIMATED AT AN APPLICATION RATE OF 0.025 GAL./S.Y AND SHALL BE PLACED BETWEEN THE LAYERS OF ASPHALTIC PAVEMENT.

THE ITEM REMOVING OLD CULVERTS SHALL APPLY ONLY TO THOSE CULVERTS ENUMERATED IN THE SUMMERY OF MISCELLANEOUS QUANTITIES. ALL OTHER CULVERTS WILL BE INCIDENTAL TO CULVERT INSTALLATION OR EXCAVATION ITEMS.

ELEVATIONS SHOWN ON THE PLANS ARE REFERENCED TO THE NORTH AMERICAN VERTICAL DATUM OF 1988 (NAVD 88).

THE EXISTING ASPHALTIC PAVEMENT IN THE RECONSTRUCT SECTIONS SHALL BE REMOVED BY PULVERIZATION AND STOCKPILED FOR USE IN THE 9-INCH BASE AGGREGATE OF THE RECONSTRUCT SECTIONS OR IN THE 4-1/2 INCH BASE AGGREGATE OF THE RECONDITION SECTIONS. LINCOLN COUNTY WILL DETERMINE THE FINAL LOCATION OF THIS MATERIAL.

STANDARD DETAIL DRAWINGS

- 8E8-3 TYPICAL INSTALLATIONS OF EROSION BALES/ TEMPORARY DITCH CHECKS
- 8E9-6 SILT FENCE
- 8F1-11 APRON ENDWALLS FOR CULVERT PIPE
- 15A1-10 MARKER POST FOR RIGHT-OF-WAY
- 15A3-1 MARKER POST, FLEXIBLE, FOR CULVERT END
- 15C2-4a BARRICADES AND SIGNS FOR MAINLINE CLOSURES
- 15C2-4b BARRICADES AND SIGNS FOR MAINLINE CLOSURES
- 15C3-1 BARRICADES AND SIGNS FOR SIDEROAD CLOSURES
- 15C8-10a PAVEMENT MARKING (MAINLINE)

ABBREVIATIONS

AP	ACCESS POINT	LHF	LEFT HAND FORWARD
AC	ACRES	MH	MANHOLE
AH	AHEAD	MON	MONUMENT
ALUM	ALUMINUM	OL	OUTLET
BIT	BENCH MARK	P	PAGE
BK	BACK	PE	PRIVATE ENTRANCE
BM	BITUMINOUS	PC	POINT OF CURVATURE
CP	CULVERT PIPE	PI	POINT OF INTERSECTION
C/L	CENTERLINE	PT	POINT OF TANGENCY
CTH	COUNTY TRUNK HIGHWAY	PL	PROPERTY LINE
CSM	CERTIFIED SURVEY MAP	REQ'D	REQUIRED
CONC	CONCRETE	RR	RAILROAD
COR	CORNER	R/L	REFERENCE LINE
COMM	COMMERCIAL ENTRANCE	RCCP	REINFORCED CONCRETE CULVERT PIPE
DISCH	DISCHARGE ELEVATION	RT	RIGHT
E	ELECTRIC	RHF	RIGHT HAND FORWARD
FDN	FOUNDATION	R/W	RIGHT OF WAY
FE	FIELD ENTRANCE	SEC	SECTION
G	GAS	S	SHED
GM	GAS MARKER	STH	STATE TRUNK HIGHWAY
GP	GAS PUMPS	STA	STATION
H	HOUSE	T	TELEPHONE
INL	INLET ELEVATION	TAV	TAVERN
L	LENGTH OF CURVE	TI	TEMPORARY INTEREST
LC	LONG CHORD	USH	UNITED STATES HIGHWAY
LCB	LONG CHORD BEARING	VC	VERTICAL CURVE

UTILITIES

VERIZON
521 4th STREET
WAUSAU, WI 54403
(715) 847-1501
ATTN: KEVIN SCHEDLBAUER
kevin.schedlbauer@verizon.com

WISCONSIN PUBLIC SERVICE
9427 COUNTY ROAD J
MINOCQUA, WI 54548
OFFICE: (715) 358-4403
CELL: (715) 493-3388
ATTN: TIM HINTZ
TLHintz@wisconsinpublicservice.com



Toll Free (800) 242-8511
Milwaukee Area (414) 259-1181
Hearing Impaired TDD (800) 542-2289
www.DiggersHotline.com

DESIGN CONTACT

MEAD & HUNT, INC.
17100 WEST CAPITOL DRIVE
BROOKFIELD, WISCONSIN 53005

ATTN: STEVE PLACHINSKI, P.E.
OFFICE: (262) 790-0232
CELL: (414) 881-1096
steven.plachinski@meadhunt.com

DNR CONTACT

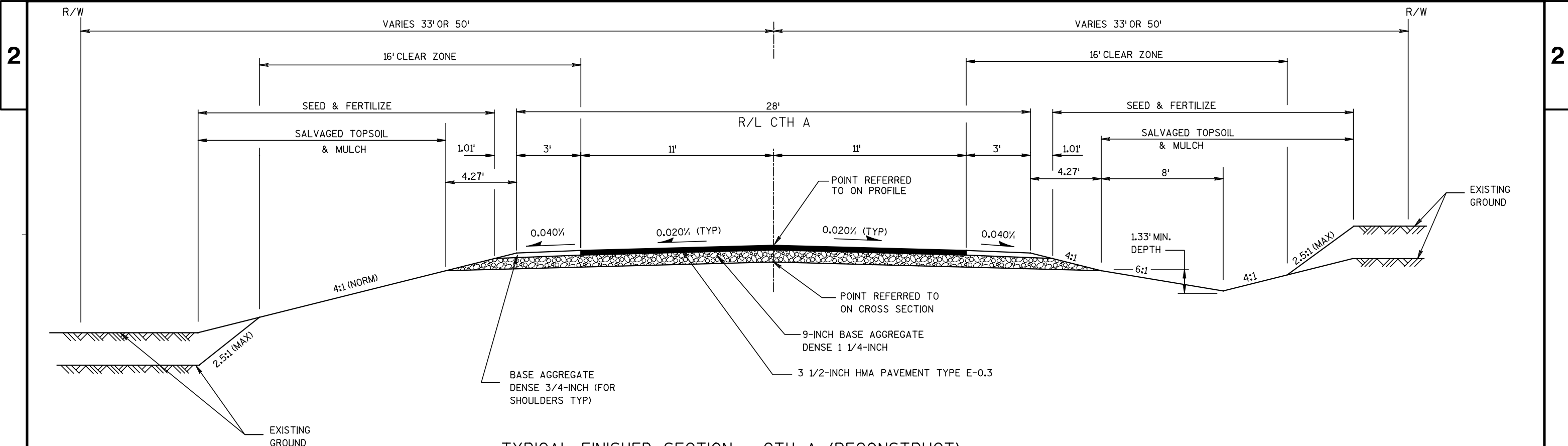
JON SIMONSEN
107 SUTLIFF AVENUE
RHINELANDER, WI 54501-3349
OFFICE: (715) 365-8916
Jonathon.Simonsen@dnr.state.wi.us

LINCOLN COUNTY CONTACT

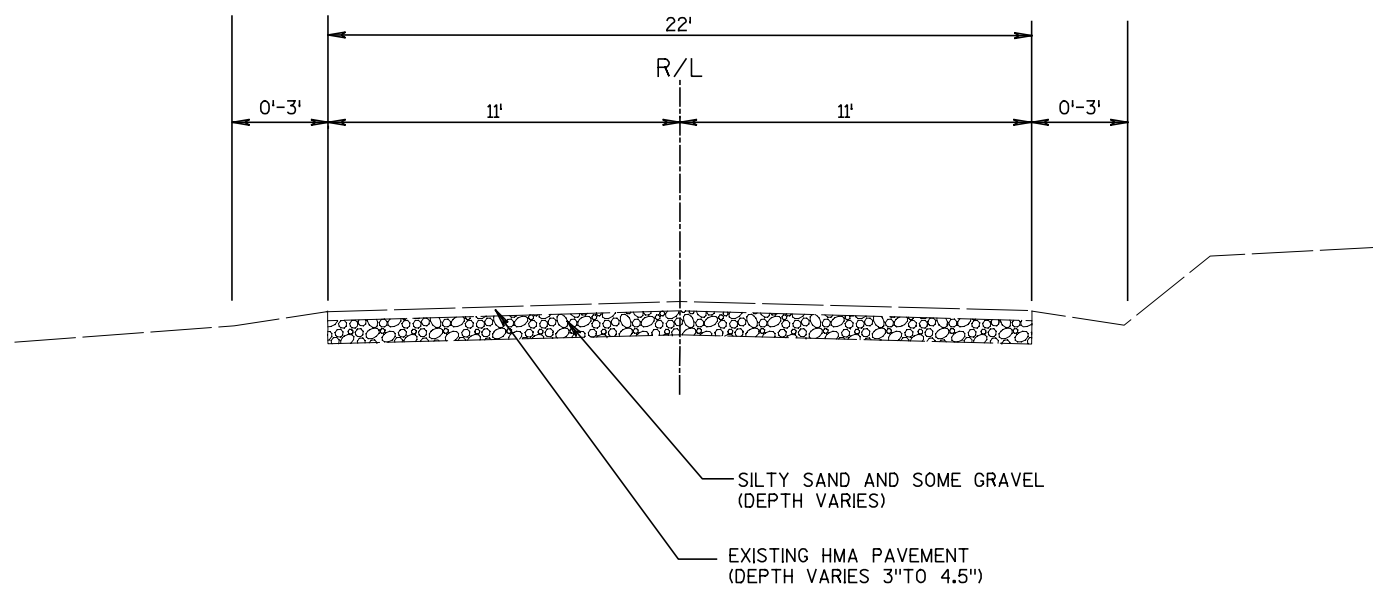
RANDY SCHOLZ
100 COOPER STREET
MERRIL, WI 54452
OFFICE: (715) 536-0352
CELL: (715) 218- 1921
rscholz@co.lincoln.wi.us

	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											

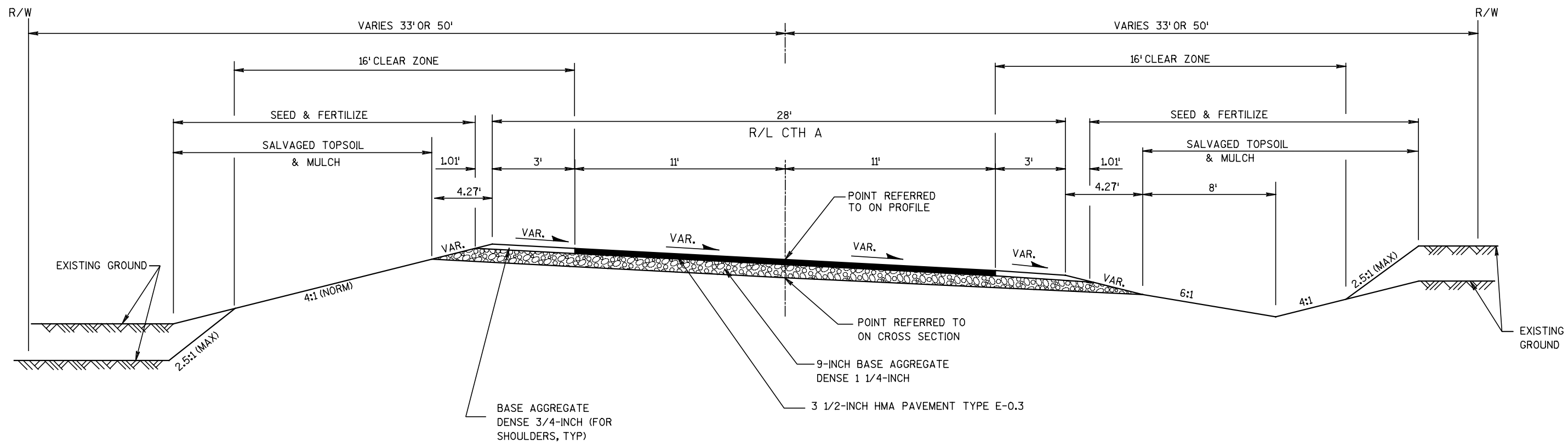
TOTAL PROJECT AREA=17.79 ACRES
TOTAL AREA EXPECTED TO BE DISTURBED BY CONSTRUCTION ACTIVITIES=9.07 ACRES



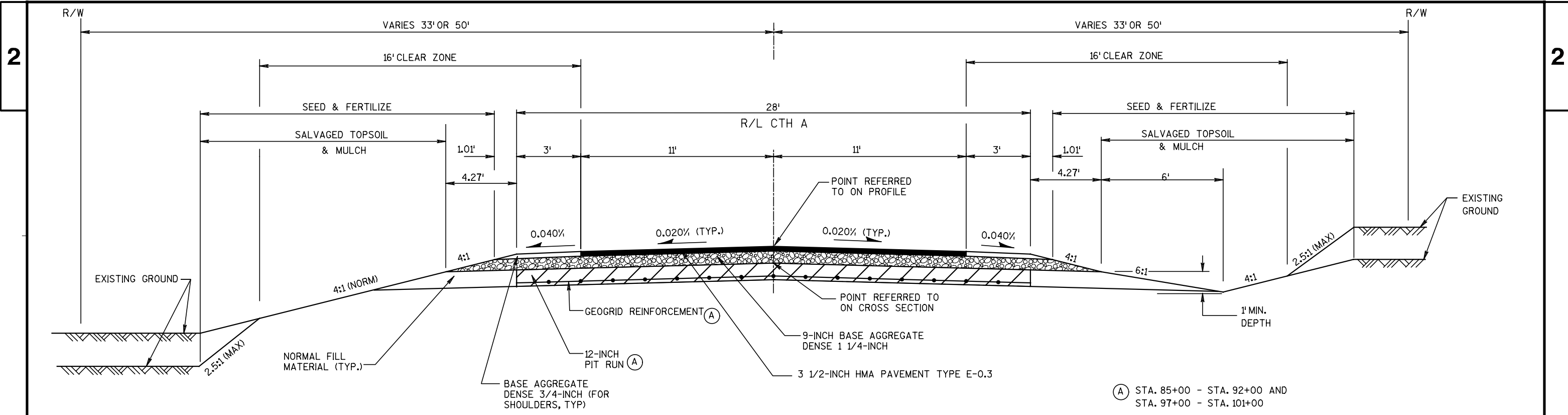
TYPICAL FINISHED SECTION - CTH A (RECONSTRUCT)
 STA. 39+00 - STA. 65+00



TYPICAL EXISTING SECTION - CTH A
 STA. 11+78.44 - STA. 115+00

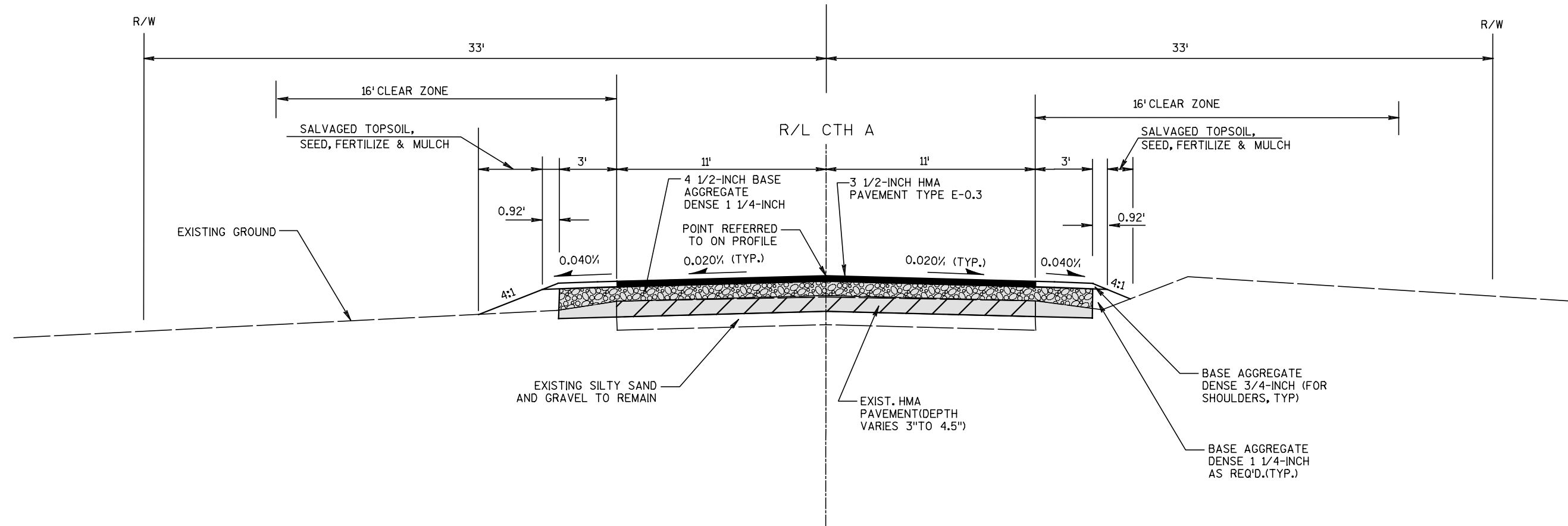


TYPICAL SUPER ELEVATED FINISHED SECTION - CTH A (RECONSTRUCT)



TYPICAL FINISHED SECTION - CTH A (RECONSTRUCT)

STA. 81+00 - STA. 101+50



PULVERIZE 4 1/2-INCH EXIST. ASPH.
 AND SHOULDER GRAVEL WITH NEW
 4 1/2-INCH BASE AGG. LAYER OVER 14'
 WIDTH EACH SIDE OF R/L CTH A.

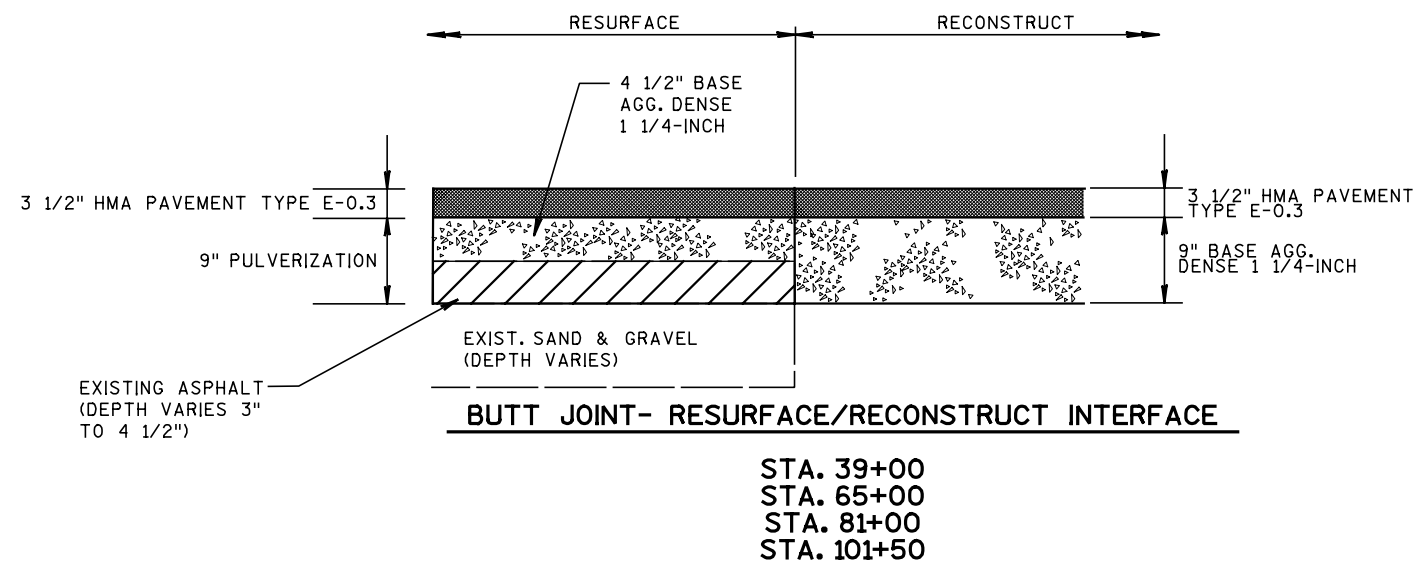
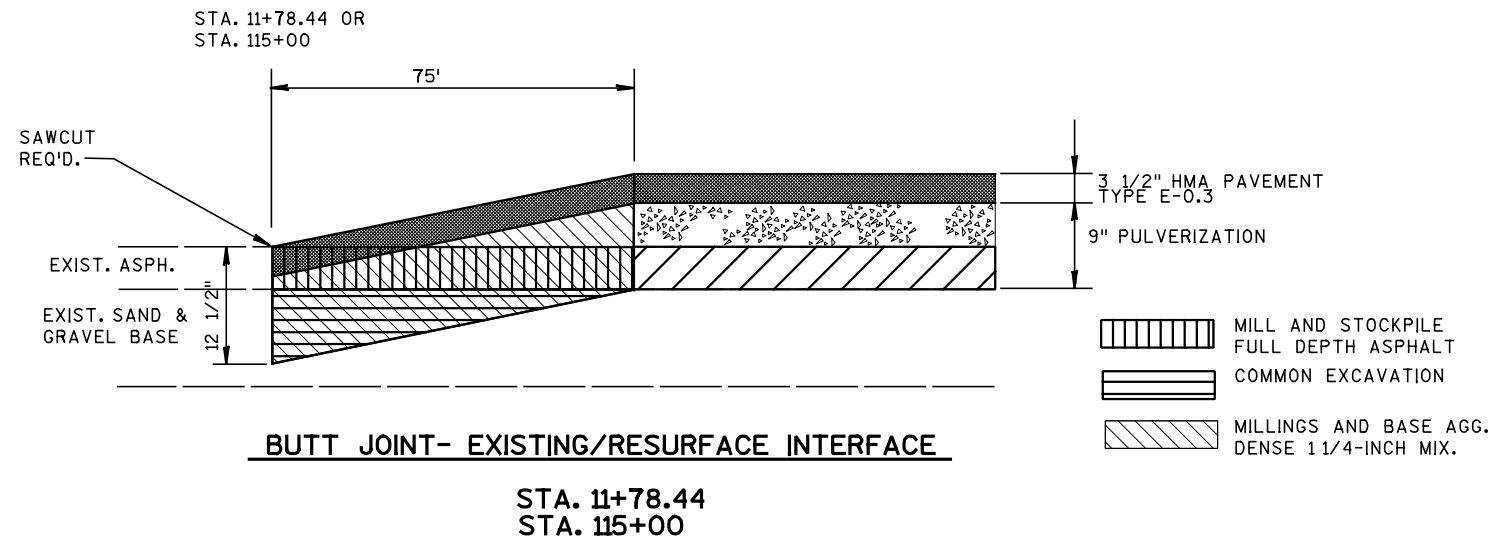
TYPICAL FINISHED SECTION - CTH A (RECONDITION)

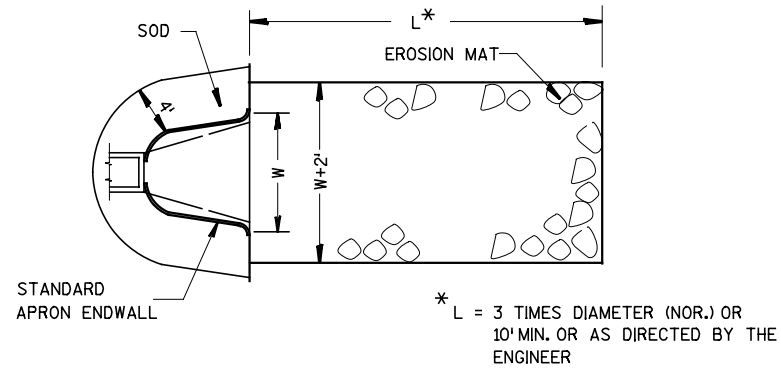
STA. 11+78.44 - STA. 39+00
 STA. 65+00 - STA. 81+00
 STA. 101+50 - STA. 115+00

PLOT SCALE: \$PLOTSCALE\$

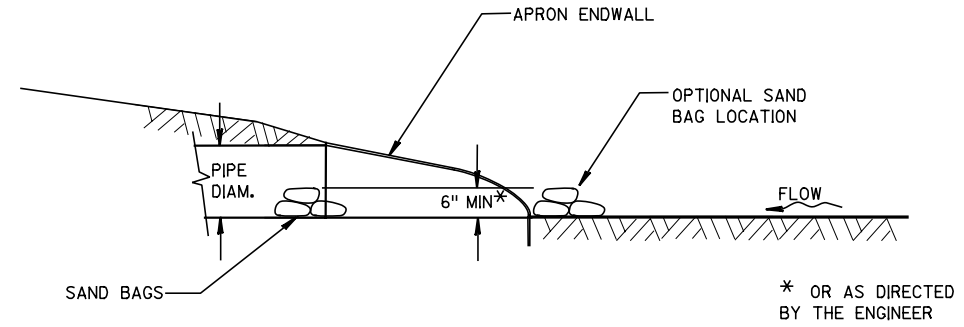
ORIGINATOR: \$USER\$
PLOT DATE: \$DATE\$
FILE NAME:

ORIGINATOR: \$USER\$
PLOT DATE: \$DATE\$
FILE NAME:

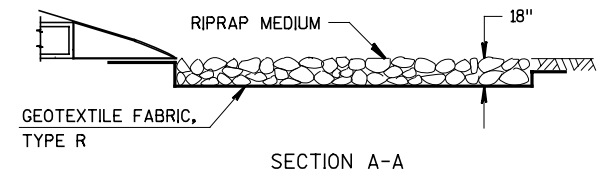
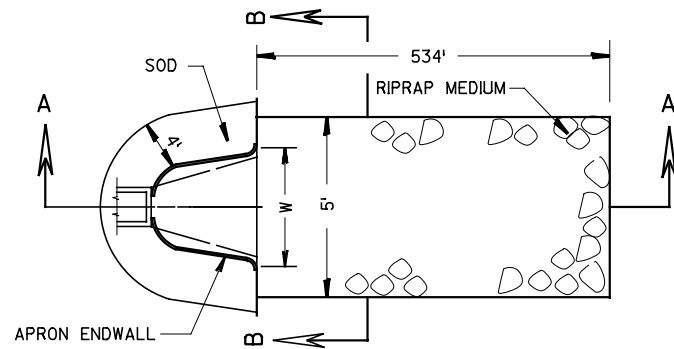




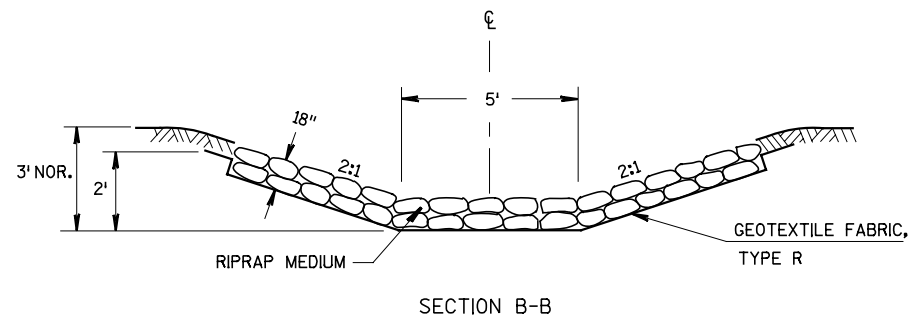
EROSION MAT AT CULVERT PIPE DISCHARGE



CULVERT PIPE DITCH CHECK
(INSTALL ON INLET END ONLY)

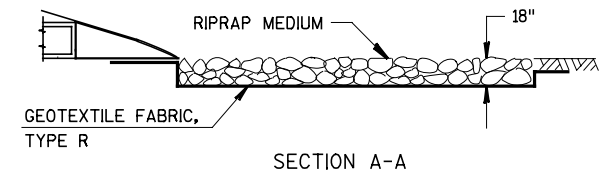
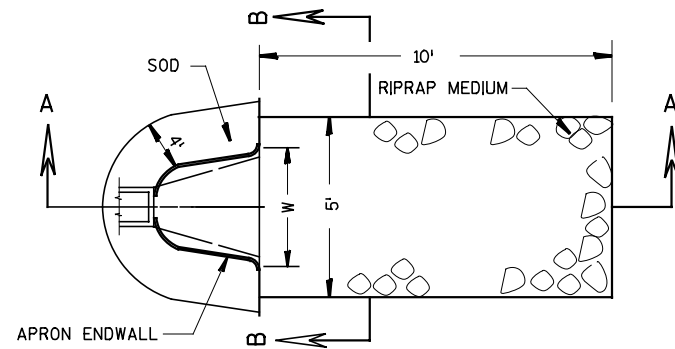


SECTION A-A

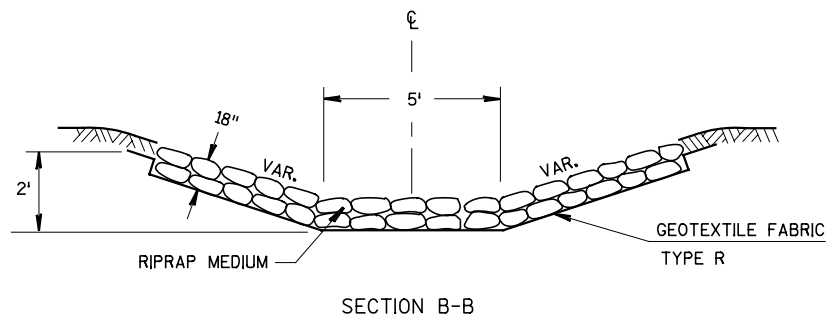


SECTION B-B

RIPRAP MEDIUM BETWEEN 24" AND 30" CP CORR. POLY
AT STA. 46+50 RT.

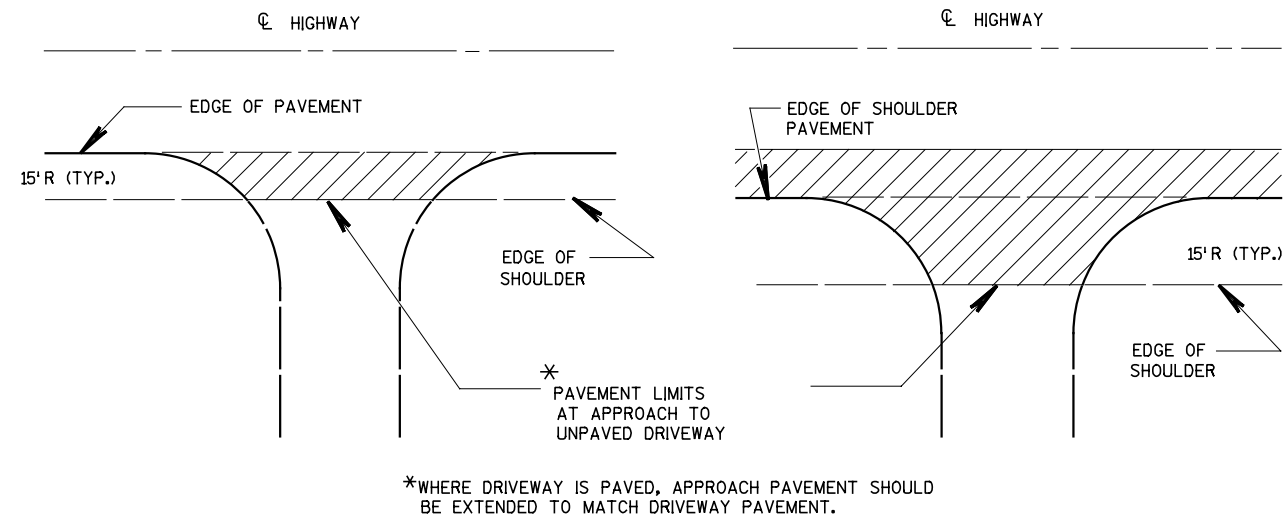


SECTION A-A

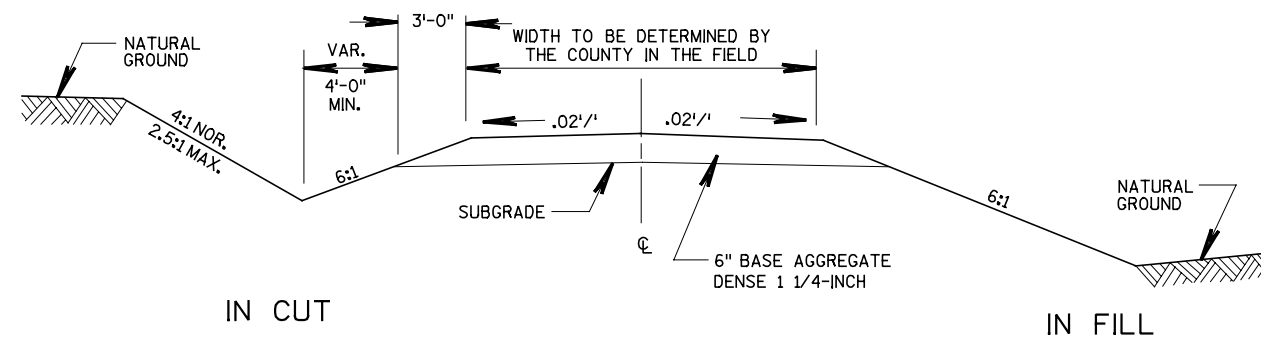


SECTION B-B

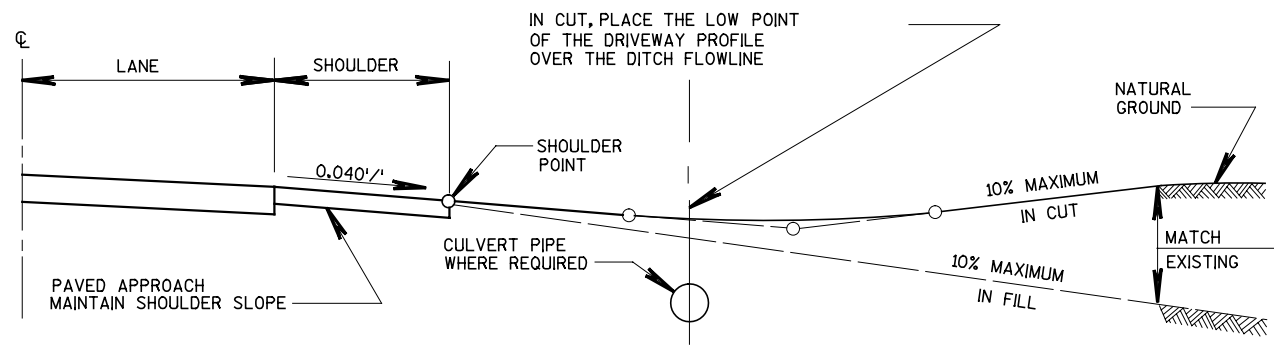
RIPRAP MEDIUM AT DISCHARGE OF 30" CP CORR. POLY



RURAL DRIVEWAY INTERSECTION DETAIL

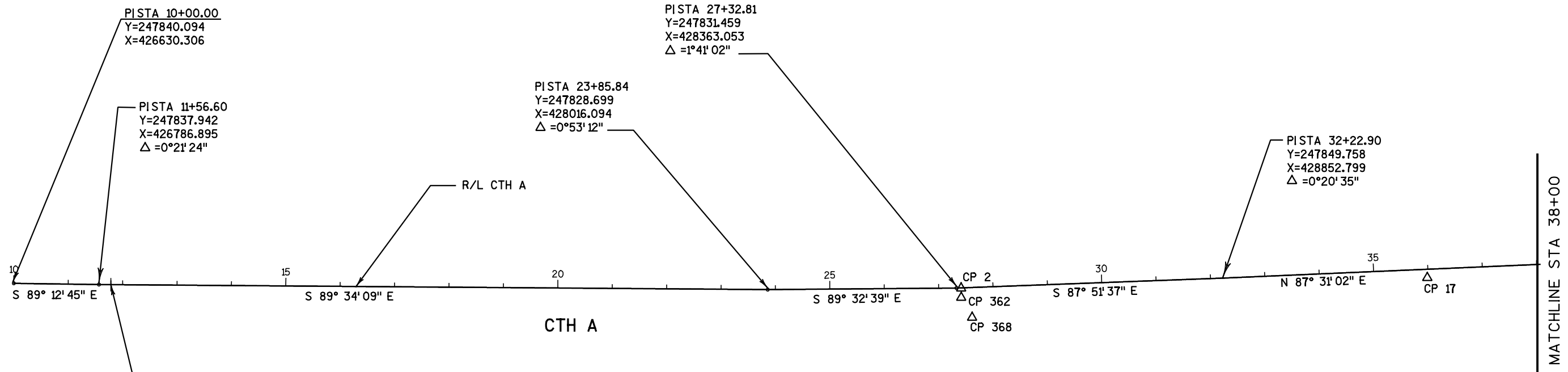


TYPICAL CROSS SECTION FOR PRIVATE DRIVE OR FIELD ENTRANCE



PLOT SCALE: \$PLOTSCALE\$

ORIGINATOR: \$USER\$
PLOTTED BY: \$DATE\$
PLOT DATE: \$DATE\$
FILE NAME:



CP	STATION	OFFSET	Y (NORTHING)	X (EASTING)	ELEVATION	DESCRIPTION
2	27+40.92	0.65'RT.	247831.113	428371.211	1541.79	SW COR SEC 7, 4" X 1" IRON BAR
17	34+98.41	15.26'RT.	247850.777	429228.620	1537.20	TRAV CP 60d NAIL
362	27+40.65	17.61'RT.	247814.153	428371.562		FOUND PK
368	27+59.81	53.96'RT.	247778.550	428392.063		--



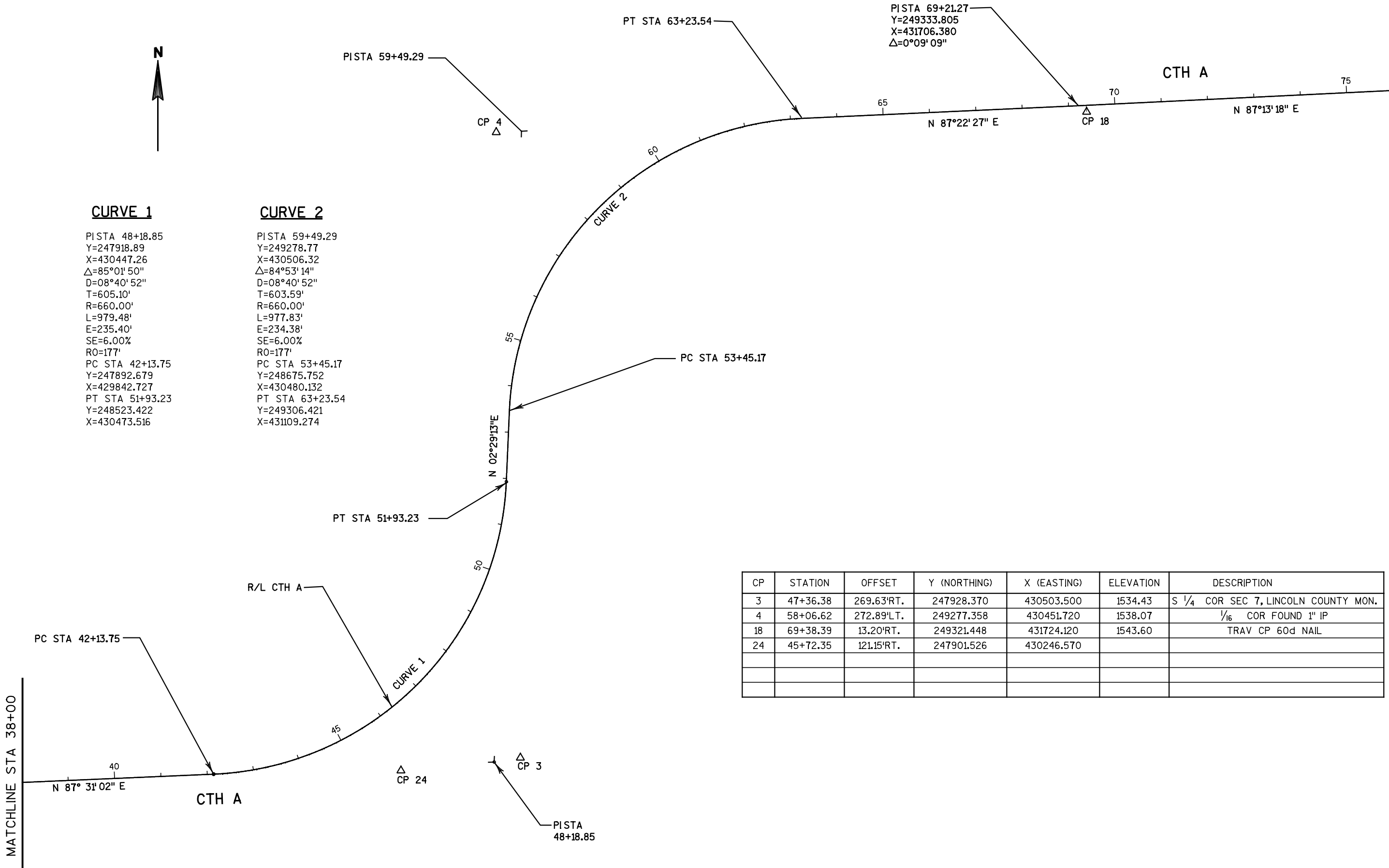
CURVE 1

PISTA 48+18.85
 Y=247918.89
 X=430447.26
 $\Delta=85^{\circ}01'50''$
 $D=08^{\circ}40'52''$
 T=605.10'
 R=660.00'
 L=979.48'
 E=235.40'
 SE=6.00%
 R0=177'
 PC STA 42+13.75
 Y=247892.679
 X=429842.727
 PT STA 51+93.23
 Y=248523.422
 X=430473.516

CURVE 2

PISTA 59+49.29
 Y=249278.77
 X=430506.32
 $\Delta=84^{\circ}53'14''$
 $D=08^{\circ}40'52''$
 T=603.59'
 R=660.00'
 L=977.83'
 E=234.38'
 SE=6.00%
 R0=177'
 PC STA 53+45.17
 Y=248675.752
 X=430480.132
 PT STA 63+23.54
 Y=249306.421
 X=431109.274

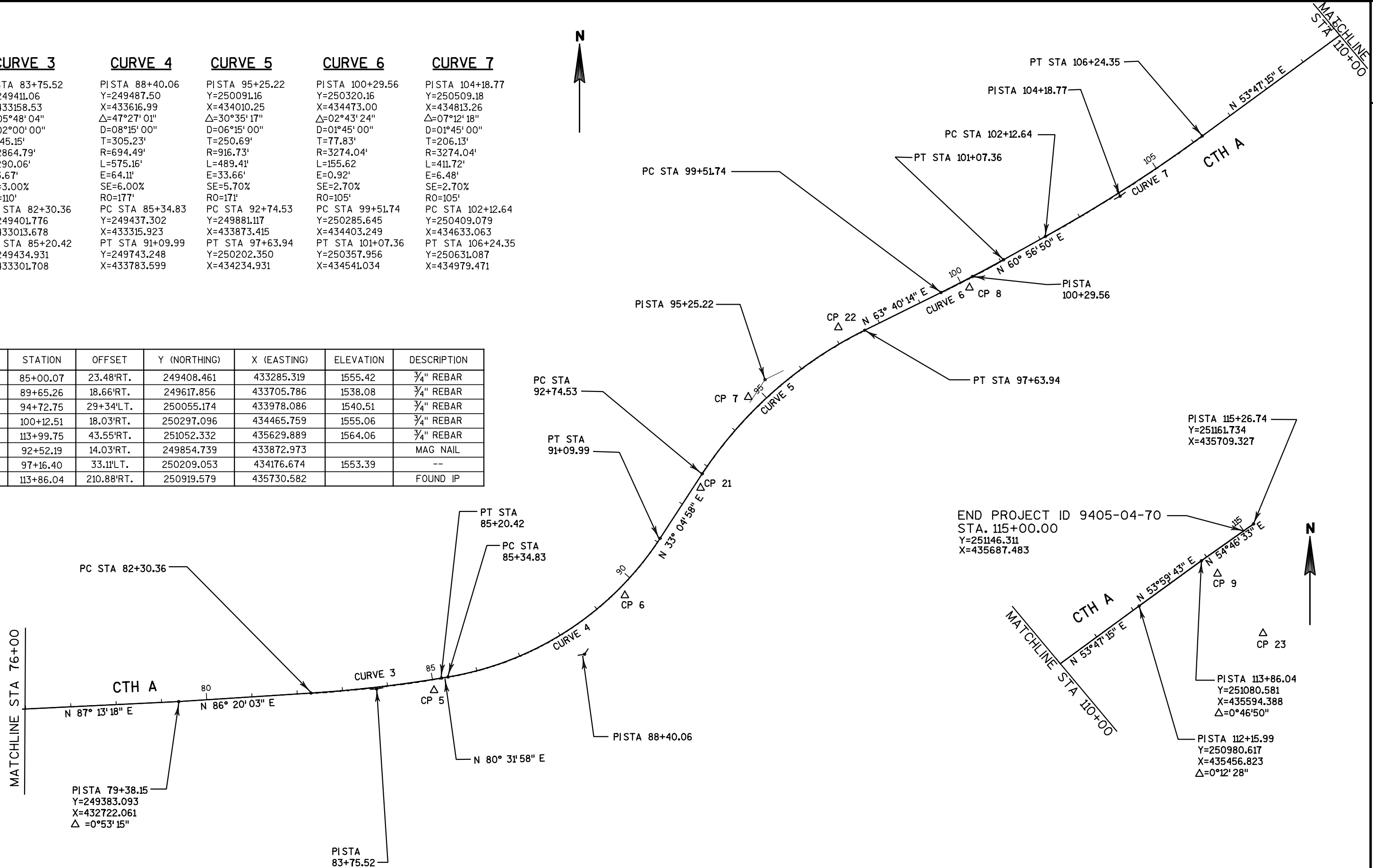
PISTA 69+21.27
 Y=249333.805
 X=431706.380
 $\Delta=0^{\circ}09'09''$



CP	STATION	OFFSET	Y (NORTHING)	X (EASTING)	ELEVATION	DESCRIPTION
3	47+36.38	269.63'RT.	247928.370	430503.500	1534.43	S 1/4 COR SEC 7, LINCOLN COUNTY MON.
4	58+06.62	272.89'LT.	249277.358	430451.720	1538.07	1/16 COR FOUND 1" IP
18	69+38.39	13.20'RT.	249321.448	431724.120	1543.60	TRAV CP 60d NAIL
24	45+72.35	121.15'RT.	247901.526	430246.570		

CURVE 3	CURVE 4	CURVE 5	CURVE 6	CURVE 7
PISTA 83+75.52 Y=249411.06 X=433158.53 Δ=05°48' 04" D=02°00' 00" T=145.15' R=2864.79' L=290.06' E=3.67' SE=3.00% RO=110'	PISTA 88+40.06 Y=249487.50 X=433616.99 Δ=47°27' 01" D=08°15' 00" T=305.23' R=694.49' L=575.16' E=64.11' SE=6.00% RO=177'	PISTA 95+25.22 Y=250091.16 X=434010.25 Δ=30°35' 17" D=06°15' 00" T=250.69' R=916.73' L=489.41' E=33.66' SE=5.70% RO=171'	PISTA 100+29.56 Y=250320.16 X=434473.00 Δ=02°43' 24" D=01°45' 00" T=77.83' R=3274.04' L=155.62' E=0.92' SE=2.70% RO=105'	PISTA 104+18.77 Y=250509.18 X=434813.26 Δ=07°12' 18" D=01°45' 00" T=206.13' R=3274.04' L=411.72' E=6.48' SE=2.70% RO=105'
PC STA 82+30.36 Y=249401.776 X=433013.678 PT STA 85+20.42 Y=249434.931 X=433301.708	PC STA 85+34.83 Y=249437.302 X=433315.923 PT STA 91+09.99 Y=249743.248 X=433783.599	PC STA 92+74.53 Y=249881.117 X=433873.415 PT STA 97+63.94 Y=250202.350 X=434234.931	PC STA 99+51.74 Y=250285.645 X=434403.249 PT STA 101+07.36 Y=250357.956 X=434541.034	PC STA 102+12.64 Y=250409.079 X=434633.063 PT STA 106+24.35 Y=250631.087 X=434979.471

CP	STATION	OFFSET	Y (NORTHING)	X (EASTING)	ELEVATION	DESCRIPTION
5	85+00.07	23.48'RT.	249408.461	433285.319	1555.42	3/4" REBAR
6	89+65.26	18.66'RT.	249617.856	433705.786	1538.08	3/4" REBAR
7	94+72.75	29+34'LT.	250055.174	433978.086	1540.51	3/4" REBAR
8	100+12.51	18.03'RT.	250297.096	434465.759	1555.06	3/4" REBAR
9	113+99.75	43.55'RT.	251052.332	435629.889	1564.06	3/4" REBAR
21	92+52.19	14.03'RT.	249854.739	433872.973		MAG NAIL
22	97+16.40	33.11'LT.	250209.053	434176.674	1553.39	--
23	113+86.04	210.88'RT.	250919.579	435730.582		FOUND IP



SUPER ELEVATION TRANSITION POINTS : CTH A



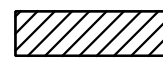
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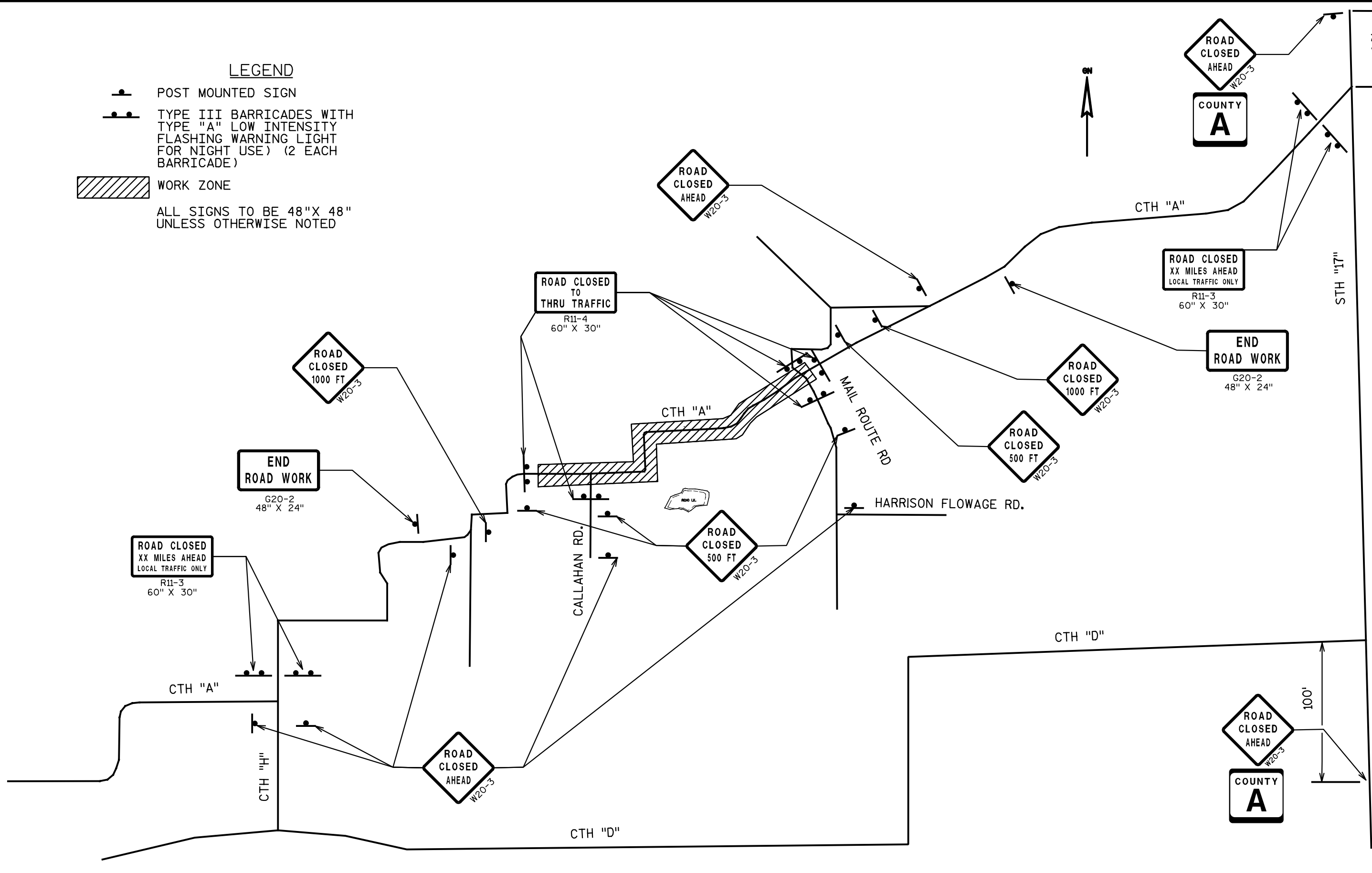
2

STATION	TYPE	PAVEMENT		SHOULDER		STATION	TYPE	PAVEMENT		SHOULDER	
		LT	RT	LT	RT			LT	RT	LT	RT
11+78.44	NC	-0.020	-0.020	-0.040	-0.040	92+37.20		+0.020	-0.020	+0.020	-0.020
40+81.08	END NC	-0.020	-0.020	-0.040	-0.040	92+80.08		+0.040	-0.040	+0.040	-0.040
41+25.08	REMOVE CROWN	-0.020	0.000	-0.040	0.000	93+16.53	BEGIN SE	+0.057	-0.057	+0.057	-0.057
41+69.08	RC	-0.020	+0.020	-0.040	+0.020	97+21.94	END SE	+0.057	-0.057	+0.057	-0.057
42+13.58	SHLD. TRANS.	-0.040	+0.040	-0.040	+0.040	97+72.56		+0.040	-0.040	+0.040	-0.040
42+58.08	BEGIN SE	-0.060	+0.060	-0.060	+0.060	98+32.11		+0.020	-0.020	+0.020	-0.020
51+48.90	END SE	-0.060	+0.060	-0.060	+0.060	98+91.66		0.000	0.000	0.000	0.000
51+89.09		-0.040	+0.040	-0.040	+0.040	99+51.21		-0.020	+0.020	-0.040	+0.020
52+29.28		-0.020	+0.020	-0.020	+0.020	99+72.07	BEGIN SE	-0.027	+0.027	-0.040	+0.027
52+69.47		0.000	0.000	0.000	0.000	100+87.03	END SE	-0.027	+0.027	-0.040	+0.027
53+09.66		+0.020	-0.020	+0.020	-0.020	102+32.97	BEGIN SE	-0.027	+0.027	-0.040	+0.027
53+49.85		+0.040	-0.040	+0.040	-0.040	106+04.02	END SE	-0.027	+0.027	-0.040	+0.027
53+90.04	BEGIN SE	+0.060	-0.060	+0.060	-0.060	106+21.02	RC	-0.020	+0.020	-0.040	+0.020
62+79.21	END SE	+0.060	-0.060	+0.060	-0.060	106+65.02	REMOVE CROWN	-0.020	0.000	-0.040	0.000
63+23.71	SHLD. TRANS.	+0.040	-0.040	+0.040	-0.040	107+09.02	NC	-0.020	-0.020	-0.040	-0.040
63+68.21	RC	+0.020	-0.020	+0.020	-0.040	115+00.00	NC	-0.020	-0.020	-0.040	-0.040
64+12.21	REMOVE CROWN	0.000	-0.020	0.000	-0.040						
64+56.21	NC	-0.020	-0.020	-0.040	-0.040						
81+42.36	END NC	-0.020	-0.020	-0.040	-0.040						
81+86.36	REMOVE CROWN	-0.020	0.000	-0.040	0.000						
82+30.36	RC	-0.020	+0.020	-0.040	+0.020						
82+52.36	BEGIN SE	-0.030	+0.030	-0.040	+0.030						
84+98.42	END SE	-0.030	+0.030	-0.040	+0.030						
85+25.33		-0.040	+0.040	-0.040	+0.040						
85+52.24		-0.050	+0.050	-0.050	+0.050						
85+79.16	BEGIN SE	-0.060	+0.060	-0.060	+0.060						
90+65.66	END SE	-0.060	+0.060	-0.060	+0.060						
91+08.54		-0.040	+0.040	-0.040	+0.040						
91+51.43		-0.020	+0.020	-0.020	+0.020						
91+94.31		0.000	0.000	0.000	0.000						

PLOT SCALE: \$PLOTSCALE\$
 ORIGINATOR: \$USER\$
 PLOTTED BY: \$USER\$
 PLOT DATE: \$DATE\$
 FILE NAME:

LEGEND

-  POST MOUNTED SIGN
 -  TYPE III BARRICADES WITH TYPE "A" LOW INTENSITY FLASHING WARNING LIGHT FOR NIGHT USE (2 EACH BARRICADE)
 -  WORK ZONE
- ALL SIGNS TO BE 48" X 48" UNLESS OTHERWISE NOTED



PAVEMENT AND BASE COURSE QUANTITIES

STATION	313.0115 PIT RUN CY	305.0110 BASE AGGREGATE DENSE 3/4-INCH TON	305.0120 BASE AGGREGATE DENSE 1 1/4-INCH TON	455.0105 ASPHALTIC MATERIAL PG58-28 TON	455.0605 TACK COAT GAL	460.1100 HMA PAVEMENT TYPE E-0.3 TON	SPV. 0180.01 GEOGRID REINFORCEMENT SY	325.0100 PULVERIZE AND RELAY SY
STA 11+78 TO STA 39+00		382	2119	80	167	1341		8478
STA 39+00 TO STA 65+00		364	3795	77	159	1279		7700 ①
STA 65+00 TO STA 81+00		224	1245	47	98	787		4978
STA 81+00 TO STA 101+50	1430	287	3161	61	125	1009	3325 ②	5015 ①
STA 101+50 TO STA 115+00		189	1050	40	83	664		4200
TOTALS	1430	1446	11370	305	632	5080	3325 ②	30371

① EQUATES TO APPROXIMATELY 2120 TONS OF RECOVERED MATERIAL. THIS MATERIAL MAY BE USED IN PLACE OF BASE AGGREGATE DENSE 1 1/4-INCH AT LOCATIONS DETERMINED BY LINCOLN COUNTY.

② STA. 85+00 TO STA. 92+00 AND STA. 97+00 TO STA. 101+00

EARTHWORK SUMMARY

STATION	205.0100 EXCAVATION COMMON CY	FILL UNEXPANDED
STA 39+00 TO STA 65+00	7468	2050
STA 81+00 TO STA 101+50	5874	552
STA 85+00 TO STA 92+00 (EBS)	726	
STA 97+00 TO 101+00 (EBS)	415	
TOTALS	14483	2602

CLEARING AND GRUBBING

STATION	201.0105 CLEARING STA	201.0205 GRUBBING STA
STA 34+63 TO STA 38+50 RT	4	4
STA 49+50, 150'LT-280'RT	5	5
STA 83+00 TO STA 84+00 LT	1	1
TOTALS	10	10

REMOVING SMALL CULVERT PIPES

STATION	SIZE	203.0100 EACH
STA 15+43.4	15" CMCP	1
STA 23+37.2	15" CMCP	1
STA 44+94 RT	18" CMCP	1
STA 72+79.6	18" CMCP	1
STA 92+44	24" CMCP	1
TOTAL		5

FINISHING ITEMS

LOCATION	625.0500 SALVAGED TOPSOIL SY	627.0200 MULCHING SY	629.0210 FERTILIZER TYPE B CWT	630.0120 SEEDING MIXTURE NO. 20 LB
RECONDITION SECTIONS	1953	2290	1.5	62
STA 39+00 TO STA 65+00	9768	11453	7.5	311
STA 81+00 TO STA 101+50	7814	9162	6	248
TOTALS	19535	22905	15	621

OBLITERATING OLD ROAD

LOCATION	214.0100 STA.
STA 45+00 TO STA 50+00 RT	7
STA 55+00 TO STA 61+00 LT	8
TOTAL	15

WATER

LOCATION	624.0100 Mgal
UNDISTRIBUTED	250

REMOVING INLETS

STATION	204.0220 EACH
STA 44+75.9, 80.5' RT	1

PLOT SCALE: \$PLOTSCALE\$
 ORIGINATOR: \$USER\$
 PLOTTED BY: \$USER\$
 PLOT DATE: \$DATE\$
 FILE NAME:

3

3

CONSTRUCTION STAKING

LOCATION	650.4500 SUBGRADE	650.5000 BASE	650.6000 PIPE CULVERTS	650.8000 RESURFACING REFERENCE	650.9910 SUPPLEMENTAL CONTROL (PROJECT)	650.9920 SLOPE STAKES
	LF	LF	EACH	LF	LS	LF
ID. 9405-04-70	4650	4650	8	5675	1	4650

EROSION CONTROL

LOCATION	628.1104 EROSION BALES	628.1504 SILT FENCE	628.1520 SILT FENCE MAIN	628.2004 EROSION MAT CLASS I TYPE B	628.7550 CULVERT PIPE DITCH CHECKS
	EACH	LF	LF	SY	EACH
STA 15+43.4		12	12	4	1
STA 23+37.2		12	12	4	1
STA 46+50		12	12		1
STA 47+35 RT		12	12	4	1
STA 50+00	12				
STA 55+25	12				
STA 60+00	12				
STA 72+79.6		12	12	4	1
STA 92+44		12	12		1
STA 86+00 TO STA 96+00 RT		1000	2000		
STA 90+50 TO STA 97+00 LT		650	1300		
TOTALS	36	1722	3372	16	6

**RIPRAP MEDIUM AND
GEOTEXTILE FABRIC TYPE R**

LOCATION	606.0200 RIPRAP MEDIUM CY	645.0130 GEOTEXTILE FABRIC TYPE R SY
STA 46+50 DRAINAGE DITCH RT	390	810

PAVEMENT MARKING

LOCATION	646.0103 PAVEMENT MARKING PAINT, 4-INCH	
	WHITE EDGLINE LF	YELLOW CENTERLINE LF
STA 11+78.44 TO STA 115+00	20500	20645

SAWING EXISTING PAVEMENT

LOCATION	690.0100 SAWING EXISTING PAVEMENT LF
STA 11+78.44	22
STA 115+00	22
TOTAL	44

PERMANENT SIGNING

LOCATION	SIGN		634.0614 POSTS WOOD 4x6 INCH x 14FT EACH	637.0202 SIGN REFLECTIVE TYPE II SF
	CODE	SIZE		
STA 40+63.75	W1-2L	30" x 30"	1	6.25
	W13-1	18" x 18"		2.25
STA 50+43.23	W1-2R	30" x 30"	1	6.25
	W13-1	18" x 18"		2.25
STA 54+95.71	W1-2R	30" x 30"	1	6.25
	W13-1	18" x 18"		2.25
STA 70+50	W1-2L	30" x 30"	1	6.25
	W13-1	18" x 18"		2.25
TOTALS			4	34.00

TRAFFIC CONTROL

LOCATION	643.0420 TRAFFIC CONTROL BARRICADES TYPE III	643.0705 TRAFFIC CONTROL WARNING LIGHTS TYPE A	643.0900 TRAFFIC CONTROL SIGNS	643.2000 TRAFFIC CONTROL DETOUR (PROJECT)
ID. 9405-04-70 ADVANCE SIGNING	(NO) DAYS	(NO) DAYS	(NO) DAYS	EACH
	(18) 1278	(36) 2556	(27) 1917	1

PLOT SCALE: \$PLOTSCALE\$

ORIGINATION DATE :

ORIGINATOR:
PLOTTED BY: \$USER\$
PLOT DATE: \$DATE\$
FILE NAME:

3

3

CULVERT PIPES

LOCATION	AEW FOR CP STEEL			CP CORR. POLY			INL. ELEV.	DISCH. ELEV.
	18" EACH 521.1018	24" EACH 521.1024	30" EACH 521.1030	18" LF 530.0118	24" LF 530.0124	30" LF 530.0130		
STA 15+43.4	2			34				
STA 23+37.2	2			36				
STA 46+50		2			49		1529.83	1529.63
STA 46+50 RT			2			830	1528.25	1526.26
STA 47+35 PE RT	2			40				
STA 58+00 PE LT	2			42				
STA 72+79.6	2			32				
STA 92+44		2			36			
STA 84+70 PE LT	2			40				
STA 84+70 PE RT	2			27				
TOTALS	14	4	2	251	85	830		

MARKER POSTS RIGHT-OF-WAY

LOCATION	614.0605 MARKER POSTS RIGHT-OF-WAY EACH
STA 38+50, 33' LT	1
STA 40+00, 50' LT	1
STA 42+13.75, 50' LT	1
STA 51+22.47, 50' RT	1
STA 51+93.23, 50' RT	1
STA 51+93.23, 50' LT	1
STA 53+45.71, 50' LT	1
STA 53+45.71, 50' RT	1
STA 54+17.05, 50' LT	1
STA. 63+23.54, 50' RT	1
STA 64+00, 33' RT	1
TOTAL	11

PLOT SCALE: \$PLOTSCALE\$

3

3

ORIGNATION DATE :

ORIGNATOR: \$USER\$
PLOTTED BY: \$USER\$
PLOT DATE: \$DATE\$
FILE NAME:

R/W PROJECT NUMBER 9405-04-20	SHEET NUMBER 4.0	TOTAL SHEETS 7
FEDERAL PROJECT NUMBER		
PLAT OF RIGHT-OF-WAY REQUIRED FOR CTH H- SQUAW CREEK CALLAHAN RD. - MAIL ROUTE RD.		
CTH A		LINCOLN CO.
CONSTRUCTION PROJECT NUMBER 9405-04-70		

GENERAL SYMBOLS

FOUND IRON PIPE/PIN	1/2" UNLESS NOTED	PROPOSED R/W LINE	—————
R/W MONUMENT	○ (SET)	EXISTING H.E. LINE	—————
R/W STANDARD	△ (ASET)	PROPERTY LINE	—————
SIGN	SIGN	LOT & TIE LINES	-----
SECTION CORNER MONUMENT	⊕	SLOPE INTERCEPTS	//////
FEE (HATCH VARIES)	///	CORPORATE LIMITS	-----
TEMPORARY LIMITED EASEMENT		ACCESS RESTRICTED (BY PREVIOUS PROJECT/CONTROL)	●●●●●
PERMANENT LIMITED EASEMENT		NO ACCESS (BY ACQUISITION)	-----
R/W BOUNDARY POINT	○ (RWB20)	NO ACCESS (BY STATUTORY AUTHORITY)	●●●●●
PARCEL NUMBER	102	SECTION LINE	—————
SIGN NUMBER (OFF PREMISES)	21-1	QUARTER LINE	—————
BUILDING	□	SIXTEENTH LINE	—————
		EXISTING CENTERLINE	—————
		PROPOSED REFERENCE LINE	—————
		PARALLEL OFFSET	———

UTILITY SYMBOLS

WATER	W	EXISTING CULVERT	-----
GAS	G	PROPOSED CULVERT (Box or Pipe)	-----
TELEPHONE	T	MARSH AREA	
OVERHEAD TRANSMISSION LINES	OH	WOODED OR SHRUB AREA	
ELECTRIC	E		
CABLE TELEVISION	TV		
FIBER OPTIC	FO		
SANITARY SEWER	SAN		
STORM SEWER	SS		
POWER POLE	⊕		
TELEPHONE POLE	⊕		
TELEPHONE PEDESTAL	⊕		
ELECTRIC TOWER	⊕		

TOPOGRAPHIC SYMBOLS

EXISTING CULVERT	-----
PROPOSED CULVERT (Box or Pipe)	-----
MARSH AREA	
WOODED OR SHRUB AREA	

ABBREVIATIONS

A.P.	ACCESS POINT	MON.	MONUMENT
AC.	ACRES	O.L.	OUTLOT
A.G.	AGRICULTURAL	P.	PAGE
A.H.	AHEAD	P.D.	PRIVATE DRIVEWAY
ALUM.	ALUMINUM	P.E.	PRIVATE ENTRANCE
ET.AL.	AND OTHERS	P.L.E.	PERMANENT LIMITED EASEMENT
BK.	BACK	P.C.	POINT OF CURVATURE
BIT.	BITUMINOUS	P.I.	POINT OF INTERSECTION
C/L	CENTERLINE	P.T.	POINT OF TANGENCY
C.T.H.	COUNTY TRUNK HIGHWAY	P.L.	PROPERTY LINE
C.S.M.	CERTIFIED SURVEY MAP	R	RADIUS
CONC.	CONCRETE	R/L	REFERENCE LINE
COR.	CORNER	RT.	RIGHT
CULV.	CULVERT	R/W	RIGHT OF WAY
FDN.	FOUNDATION	SEC.	SECTION
F.E.	FIELD ENTRANCE	S	SHED
FRL.	FRACTIONAL	S.T.H.	STATE TRUNK HIGHWAY
G.	GARAGE	STA.	STATION
G.M.	GAS MARKER	T	TANGENT LENGTH OF CURVE
G.P.	GAS PUMPS	T.I.	TEMPORARY INTEREST
H.	HOUSE	X	EAST COORDINATE (GRID)
I.P.	IRON PIPE	Y	NORTH COORDINATE (GRID)
LT.	LEFT	N	NORTH COORDINATE (GROUND)
L.	LENGTH OF CURVE	E	EAST COORDINATE (GROUND)
L.C.	LONG CHORD		
L.C.B.	LONG CHORD BEARING		

NOTES

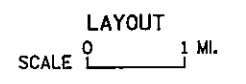
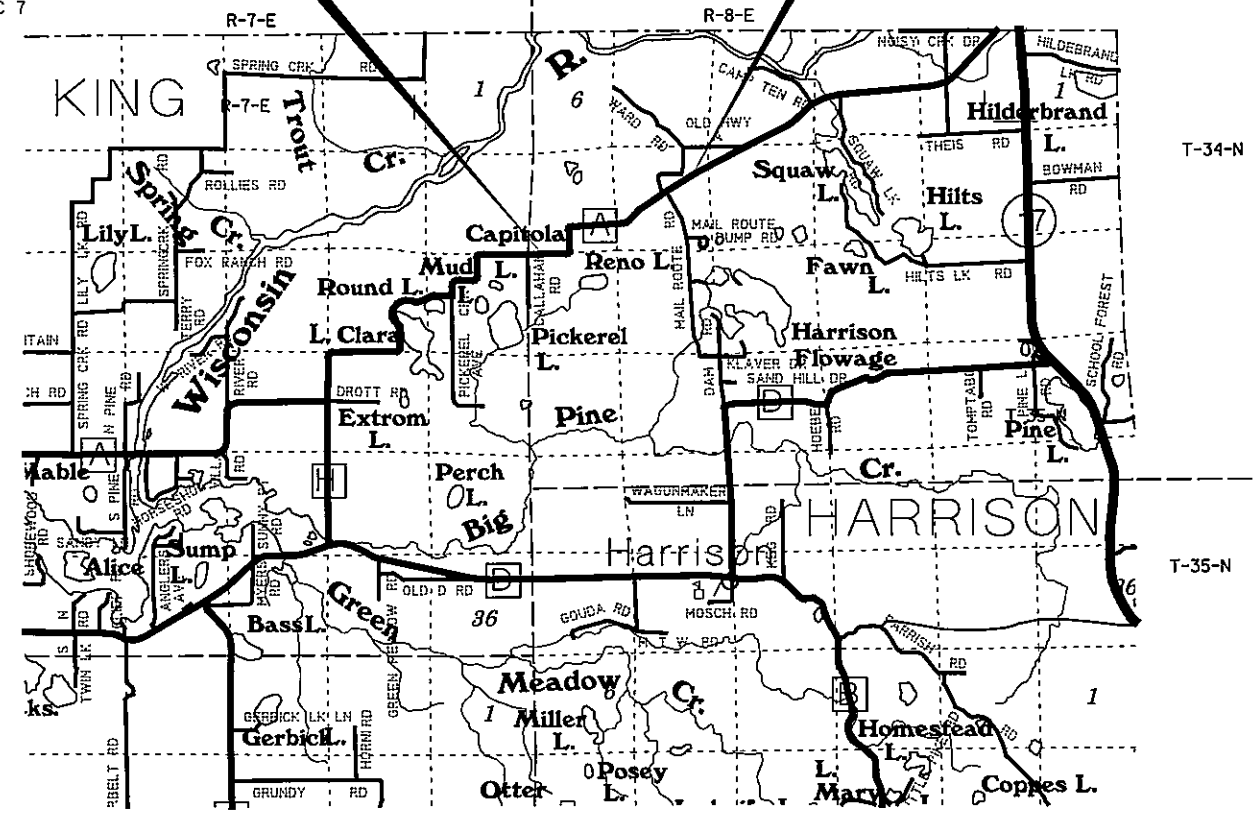
COORDINATES AND BEARINGS ON THIS PLAT ARE ORIENTED TO THE WISCONSIN COUNTY COORDINATE SYSTEM, COUNTY ZONE, NAD 83 (19) ADJUSTMENT. THE COORDINATES SHOWN ARE GRID COORDINATES AND ARE TO BE USED AS GRID OR GROUND VALUES ON THIS PLAT.

RIGHT-OF-WAY MONUMENTS WILL BE PLACED PRIOR TO THE COMPLETION OF THE PROJECT.

RIGHT-OF-WAY BOUNDARIES ARE DEFINED WITH COURSES OF THE PERIMETER OF THE HIGHWAY LANDS REFERENCED TO THE U.S. PUBLIC LAND SURVEY SYSTEM OR OTHER SURVEYS OF PUBLIC RECORD.

BEGIN RELOCATION ORDER
STA 38+50.00
Y = 247,876.923
X = 429,479.315
45.96°N AND 111.58°S
FROM SW COR SEC 7

END RELOCATION ORDER
STA 101+50.00
Y = 250,378.663
X = 434,578.309
339.75°S AND 780.68°W
FROM CNTR COR SEC 8



TOTAL NET LENGTH OF CENTERLINE = 1.193 MI. (RURAL)

ACCEPTED FOR
LINCOLN COUNTY HIGHWAY DEPT.

7-02-07 *Randy Schief*
DATE "Highway Commissioner"

PLAT PREPARED BY
MEAD & HUNT ENGINEERS ARCHITECTS SCIENTISTS PLANNERS

MEAD & HUNT, INC.
17100 WEST CAPITOL DRIVE
BROOKFIELD, WISCONSIN 53005



REVISION DATE

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION
APPROVED FOR THE DEPARTMENT

DATE: _____ (Signature)

E

SCHEDULE OF LANDS & INTERESTS REQUIRED

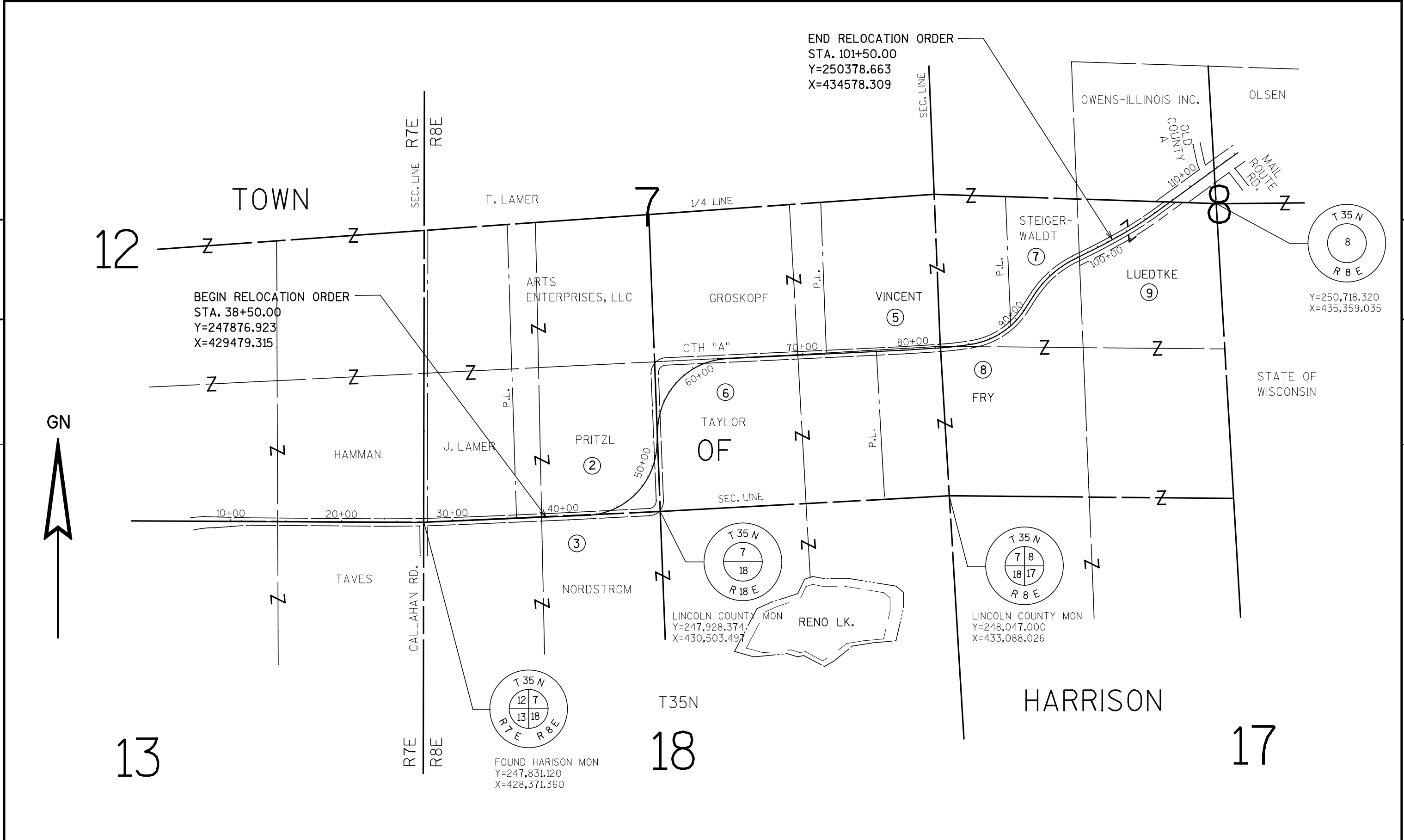
AREAS SHOWN IN THE TOTAL ACRES COLUMN MAY BE APPROXIMATE AND ARE DERIVED FROM TAX ROLLS OR OTHER AVAILABLE SOURCES AND MAY NOT INCLUDE LANDS OF THE OWNER WHICH ARE NOT CONTIGUOUS TO THE AREA TO BE ACQUIRED.

PARCEL NUMBER	SHEET NUMBER	OWNER (S)	INTEREST REQUIRED	TOTAL ACRES	R/W ACRES REQD			TOTAL ACRES REM.	TLE ACRES	PLE ACRES
					NEW	OR S.F. EXISTING	TOTAL			
2	4.3,4.4	PRITZL	FEE	40.00	2.43	0	2.43	37.57	0	0
3	4.3	NORDSTROM	PLE	226.30	0	0	0	226.30	0	0.733
5	4.5,4.6	VINCENT	TLE	89.67	0	0	0	89.67	0.16	0
6	4.3,4.4,4.5	TAYLOR	FEE,TLE	63.67	2.38	0	2.39	61.29	0.036	0
7	4.6	STEIGERWALDT	TLE	13.20	0	0	0	13.20	0.033	0
8	4.5,4.6	FRY	TLE	62.63	0	0	0	62.63	0.195	0
9	4.6	LUEDTKE	TLE	160.00	0	0	0	160.00	0.233	0

4

4

REVISION DATE	DATE 07-02-07	SCALE, FEET 0  N/A	HWY: CTH A	STATE R/W PROJECT NUMBER 9405-04-20	PLAT SHEET 4.1
			COUNTY: LINCOLN	CONSTRUCTION PROJECT NUMBER 9405-04-70	PS&E SHEET E



END RELOCATION ORDER
 STA. 101+50.00
 Y=250378.663
 X=434578.309

BEGIN RELOCATION ORDER
 STA. 38+50.00
 Y=247876.923
 X=429479.315

T 35 N
 8
 R 8 E
 Y=250,718.320
 X=435,359.035

T 35 N
 7
 18
 R 18 E

T 35 N
 7 8
 18 17
 R 8 E

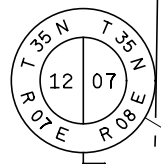
T 35 N
 12 7
 13 18
 R 7 E R 8 E

FOUND HARISON MON
 Y=247,831.120
 X=428,371.360

LINCOLN COUNTY MON
 Y=247,928.374
 X=430,503.497

LINCOLN COUNTY MON
 Y=248,047.000
 X=433,088.026

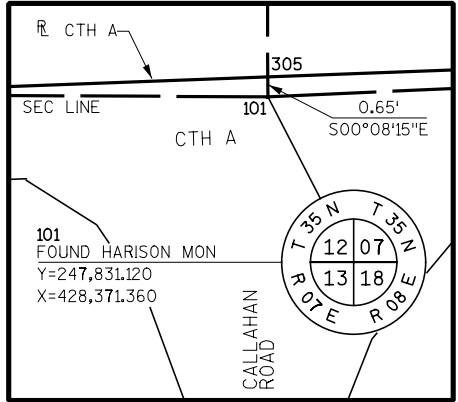
REVISION DATE	DATE 07-02-07	NOT TO SCALE	HWY: CTH A	STATE R/W PROJECT NUMBER 9405-04-20	PLAT SHEET 4.2
			COUNTY: LINCOLN	CONSTRUCTION PROJECT NUMBER 9405-04-70	PS&E SHEET



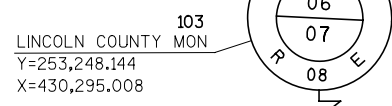
100
LINCOLN COUNTY MON
Y=250,461.076
X=428,365.050



R/W MONUMENT POINT NUMBER AND COORDINATE TABLE		
POINT	Y	X
100	250461.076	428365.050
101	247831.120	428371.360
102	247928.374	430503.497
103	253248.144	430295.008
300	247909.892	429477.886
301	247933.373	429627.009
302	247833.467	429631.340
303	247843.954	429480.745
304	247918.209	429669.805
305	247831.772	428371.358
306	247852.277	429672.799
307	247881.648	429479.111
308	248525.591	430423.563
309	248026.153	430466.822
311	247956.053	430403.348
312	247845.996	429936.450
313	247869.985	430015.933
314	247887.721	430359.584
316	247888.904	430382.514
317	246876.782	431025.078
318	246866.067	431008.200
319	248443.870	430483.294
321	248445.154	430516.043
322	248673.589	430530.085
323	248486.300	430521.086
324	247923.873	430404.816
326	248577.969	430525.932
327	248577.535	430535.920
328	248485.374	430531.043
329	248390.225	430518.249
331	247942.632	429840.558



SE-SW
PI STA 48+18.85
Y = 247918.877
X = 430447.264
Δ = 08°40'52"
D = 85°01'50", LT
T = 605.10'
L = 979.48'
R = 660.00'
PC STA 42+13.75
PT STA 51+93.23

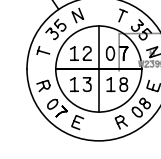
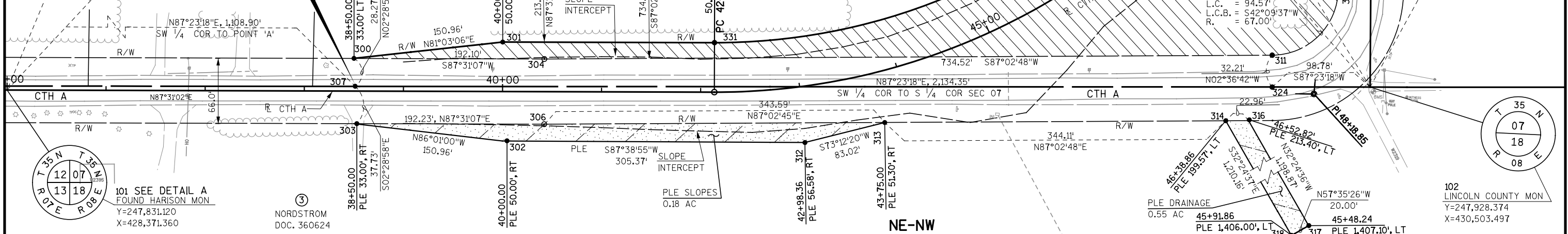


103
LINCOLN COUNTY MON
Y=253,248.144
X=430,295.008

W 1/4 COR TO SW 1/4 COR SEC 07
S00°08'15"E, 2,629.97'

PRITZL
DOC. 377060
TAX KEY. 10.073508.012
DOC. 102988
BLANKET ELEC EASEMENT TO
WISCONSIN VALLEY ELEC TO
CONDUCT BUSINESS ALONG HIGHWAY

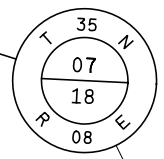
BEGIN RELOCATION ORDER
STA 38+50.00
Y = 247,876.919
X = 429,479.319
45.96' N AND 1111.58' E
FROM SW COR SEC. 7



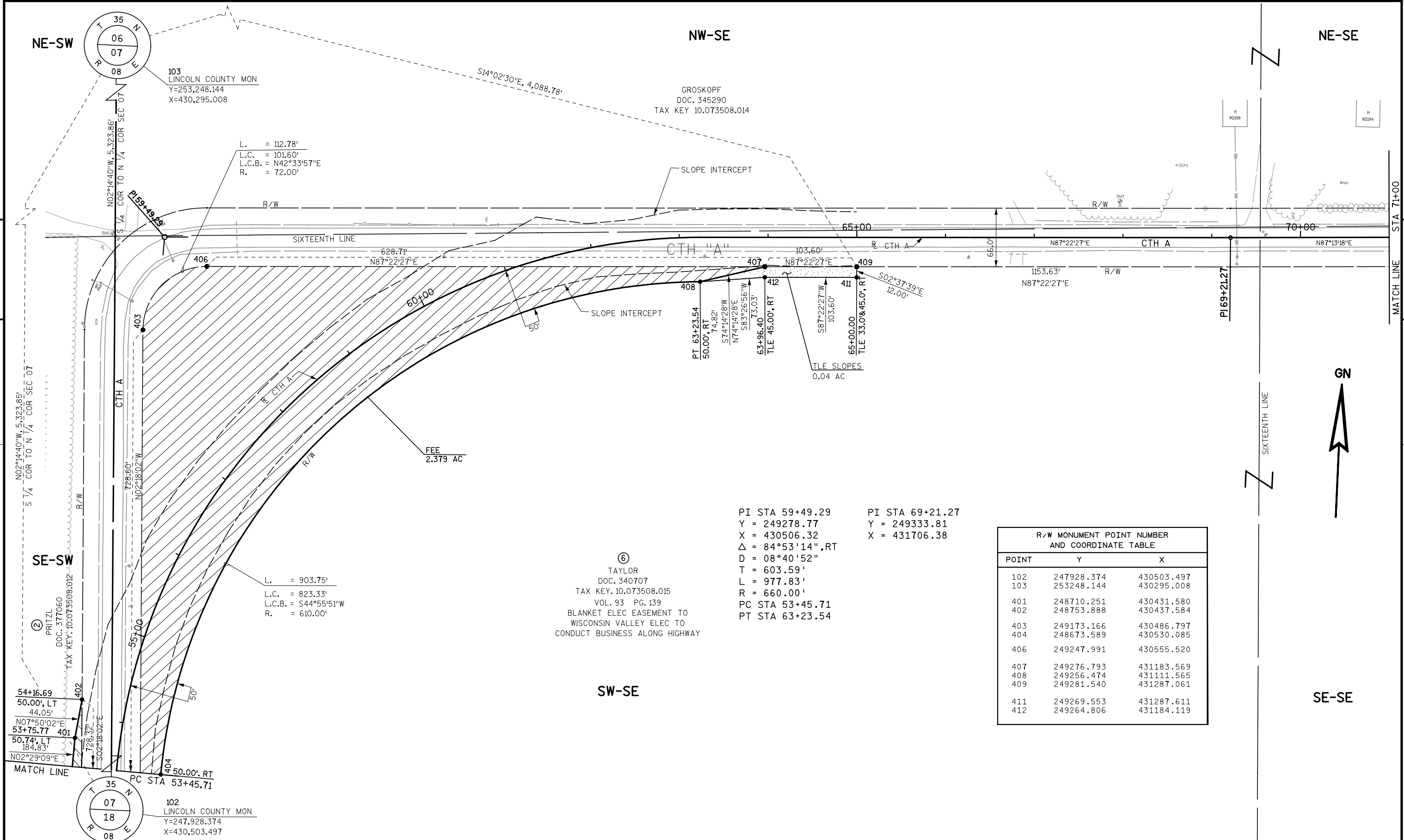
101 SEE DETAIL A
FOUND HARISON MON
Y=247,831.120
X=428,371.360

3
NORDSTROM
DOC. 360624

102
LINCOLN COUNTY MON
Y=247,928.374
X=430,503.497



REVISION DATE	DATE 07-02-07	SCALE, FEET 0 50 100	HWY: CTH A	STATE R/W PROJECT NUMBER 9405-04-20	PLAT SHEET 4.3
GRID FACTOR 1.0000			COUNTY: LINCOLN	CONSTRUCTION PROJECT NUMBER 9405-04-70	PS&E SHEET E



L. = 112.78'
 L.C. = 101.60'
 L.C.B. = N42°33'57"E
 R. = 72.00'

L. = 903.75'
 L.C. = 823.33'
 L.C.B. = S44°55'51"W
 R. = 610.00'

⑥
 TAYLOR
 DOC. 340707
 TAX KEY. 10.073508.015
 VOL. 93 PG. 139
 BLANKET ELEC EASEMENT TO
 WISCONSIN VALLEY ELEC TO
 CONDUCT BUSINESS ALONG HIGHWAY

PI STA 59+49.29
 Y = 249278.77
 X = 430506.32
 Δ = 84°53'14", RT
 D = 08°40'52"
 T = 603.59'
 L = 977.83'
 R = 660.00'
 PC STA 53+45.71
 PT STA 63+23.54

PI STA 69+21.27
 Y = 249333.81
 X = 431706.38

R/W MONUMENT POINT NUMBER AND COORDINATE TABLE		
POINT	Y	X
102	247928.374	430503.497
103	253248.144	430295.008
401	248710.251	430431.580
402	248753.888	430437.584
403	249173.166	430486.797
404	248673.589	430530.085
406	249247.991	430555.520
407	249276.793	431183.569
408	249256.474	431111.565
409	249281.540	431287.061
411	249269.553	431287.611
412	249264.806	431184.119

REVISION DATE	DATE 07-02-07	SCALE, FEET 0 50 100	HWY: CTH A	STATE R/W PROJECT NUMBER 9405-04-20	PLAT SHEET 4.4
	GRID FACTOR 1.0000		COUNTY: LINCOLN	CONSTRUCTION PROJECT NUMBER 9405-04-70	PS&E SHEET



CURVE DATA

CURVE 1 L = 222.96 LC = 222.90 LCB = N 82°44'15" E R = 2897.79	CURVE 5 L = 602.49 LC = 585.41 LCB = N 56°48'28" E R = 727.49
CURVE 2 L = 68.27 LC = 68.24 LCB = N 77°50'43" E R = 727.49	CURVE 6 L = 167.44 LC = 167.42 LCB = N 82°14'13" E R = 2814.79
CURVE 3 L = 69.39 LC = 69.37 LCB = N 77°50'41" E R = 739.49	CURVE 7 L = 168.45 LC = 168.43 LCB = S 82°14'15" W R = 2831.79
CURVE 4 L = 223.88 LC = 223.82 LCB = N 82°44'14" E R = 2909.79	

PI STA 79+38.15
Y = 249383.09
X = 432722.06

PI STA 83+75.52
Y = 249411.05
X = 433158.53
Δ = 05°48'04", LT
D = 02°00'00"
T = 145.15'
L = 290.06'
R = 2864.79'
PC STA 82+30.36
PT STA 85+20.42

PI STA 88+40.06
Y = 249487.50
X = 433616.99
Δ = 47°27'01", LT
D = 08°15'00"
T = 305.23'
L = 575.16'
R = 694.49'
PC STA 85+34.83
PT STA 91+09.99

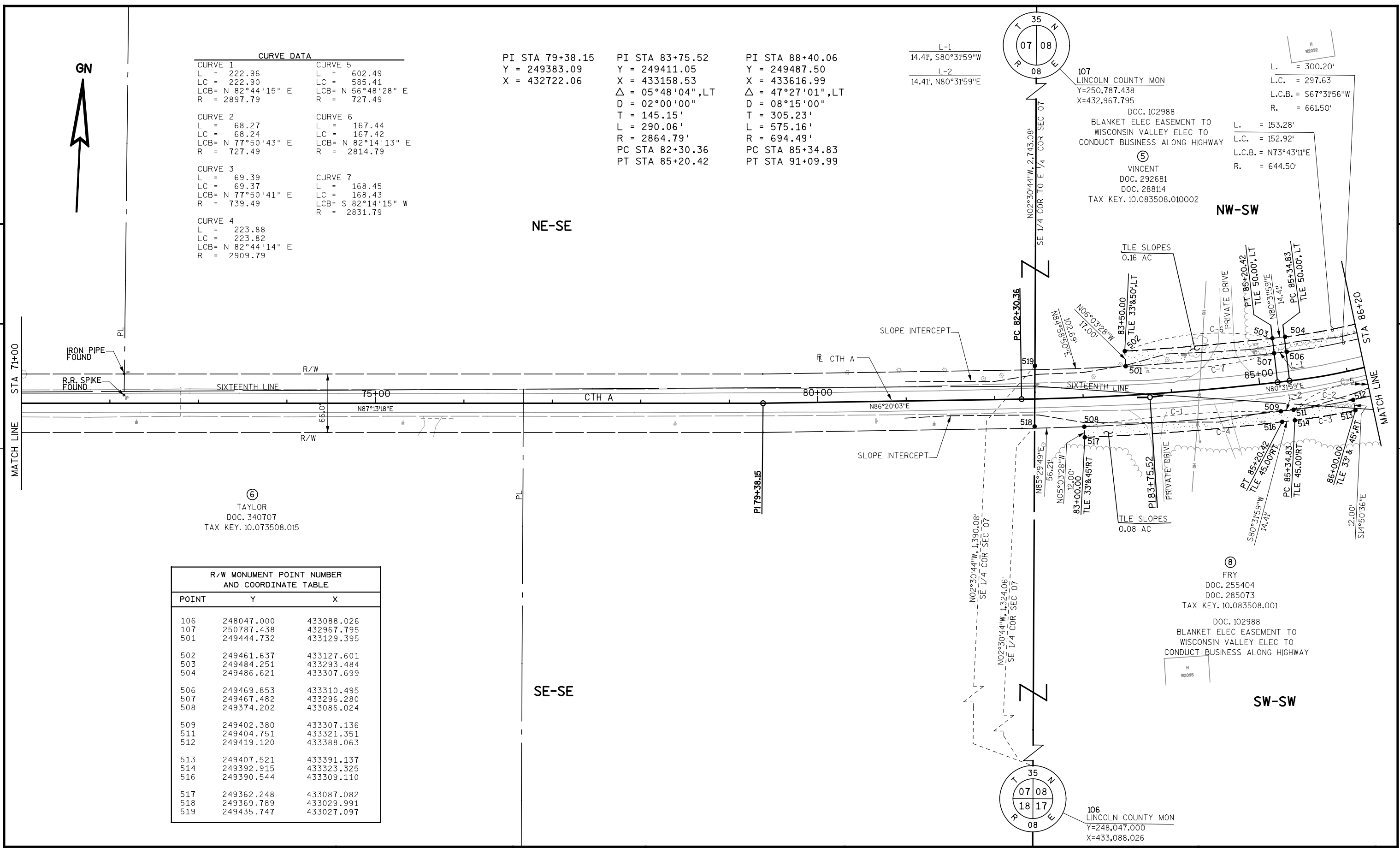
L-1
14.41', S80°31'59"W
L-2
14.41', N80°31'59"E

107
LINCOLN COUNTY MON
Y=250,787.438
X=432,967.795
DOC. 102988
BLANKET ELEC EASEMENT TO
WISCONSIN VALLEY ELEC TO
CONDUCT BUSINESS ALONG HIGHWAY
VINCENT
DOC. 292681
DOC. 288114
TAX KEY. 10.083508.010002

L. = 300.20'
L.C. = 297.63
L.C.B. = S67°31'56"W
R. = 661.50'
L. = 153.28'
L.C. = 152.92'
L.C.B. = N73°43'11"E
R. = 644.50'

4

4



6
TAYLOR
DOC. 340707
TAX KEY. 10.073508.015

R/W MONUMENT POINT NUMBER AND COORDINATE TABLE

POINT	Y	X
106	248047.000	433088.026
107	250787.438	432967.795
501	249444.732	433129.395
502	249461.637	433127.601
503	249484.251	433293.484
504	249486.621	433307.699
506	249469.853	433310.495
507	249467.482	433296.280
508	249374.202	433086.024
509	249402.380	433307.136
511	249404.751	433321.351
512	249419.120	433388.063
513	249407.521	433391.137
514	249392.915	433323.325
516	249390.544	433309.110
517	249362.248	433087.082
518	249369.789	433029.991
519	249435.747	433027.097

8
FRY
DOC. 255404
DOC. 285073
TAX KEY. 10.083508.001
DOC. 102988
BLANKET ELEC EASEMENT TO
WISCONSIN VALLEY ELEC TO
CONDUCT BUSINESS ALONG HIGHWAY

REVISION DATE	DATE 07-02-07	SCALE, FEET 0 50 100	HWY: CTH A	STATE R/W PROJECT NUMBER 9405-04-20	PLAT SHEET 4.5
	GRID FACTOR 1.0000		COUNTY: LINCOLN	CONSTRUCTION PROJECT NUMBER 9405-04-70	PS&E SHEET

CURVE DATA		
CURVE 5 L = 602.49 LC = 585.41 LCB = N 56°48'28" E R = 727.49	CURVE 15 L = 155.35 LC = 155.15 LCB = N 58°32'52" E R = 868.73	CURVE 22 L = 24.89 LC = 24.89 LCB = N 62°55'13" E S 62°55'13" W R = 949.73
CURVE 9 L = 105.12 LC = 105.06 LCB = N 56°49'55" E R = 883.73	CURVE 16 L = 157.18 LC = 157.16 LCB = N 62°18'33" E R = 3306.83	CURVE 23 L = 93.14 LC = 93.11 LCB = N 59°21'34" E R = 949.73
CURVE 10 L = 52.91 LC = 52.91 LCB = N 61°57'22" E R = 883.73	CURVE 19 L = 18.59 LC = 18.59 LCB = N 63°07'09" E R = 964.73	CURVE 24 L = 118.04 LC = 117.96 LCB = N 60°06'37" E R = 949.73
CURVE 11 L = 158.03 LC = 157.82 LCB = N 58°32'52" E R = 883.73	CURVE 20 L = 101.32 LC = 101.27 LCB = N 59°33'29" E R = 964.73	CURVE 25 L = 261.88 LC = 260.47 LCB = N 64°50'38" E R = 727.49
CURVE 12 L = 59.36 LC = 59.35 LCB = N 61°42'51" E R = 868.73	CURVE 21 L = 119.90 LC = 119.83 LCB = N 60°06'37" E R = 964.73	CURVE 27 L = 154.04 LC = 154.03 LCB = N 62°18'32" E R = 3240.83
CURVE 13 L = 96.00 LC = 95.95 LCB = N 56°35'24" E R = 868.73		

L-3 72.85', N03°43'56"W, S03°43'56"E		
PI STA 88+40.06 Y = 249487.50 X = 433616.99 Δ = 47°27'01", LT D = 08°15'00" T = 305.23' L = 575.16' R = 694.49' PC STA 85+34.83 PT STA 91+09.99	PI STA 95+25.22 Y = 250091.16 X = 434010.25 Δ = 30°35'17", RT D = 06°15'00" T = 250.69' L = 489.41' R = 916.73' PC STA 92+74.53 PT STA 97+63.94	PI STA 100+29.56 Y = 250320.16 X = 434472.99 Δ = 02°43'24", LT D = 01°45'00" T = 77.82' L = 155.61' R = 3273.83' PC STA 99+51.74 PT STA 101+07.36

106
LINCOLN COUNTY MON
Y=248,047.000
X=433,088.026

107
LINCOLN COUNTY MON
Y=250,787.438
X=432,967.795

110
COMPUTED POINTS
Y=250,718.320
X=435,359.035

7
STEIGERWALDT
DOC. 280272
TAX KEY. 10.083508.010.001
DOC. 102988
BLANKET ELEC EASEMENT TO
WISCONSIN VALLEY ELEC TO
CONDUCT BUSINESS ALONG HIGHWAY

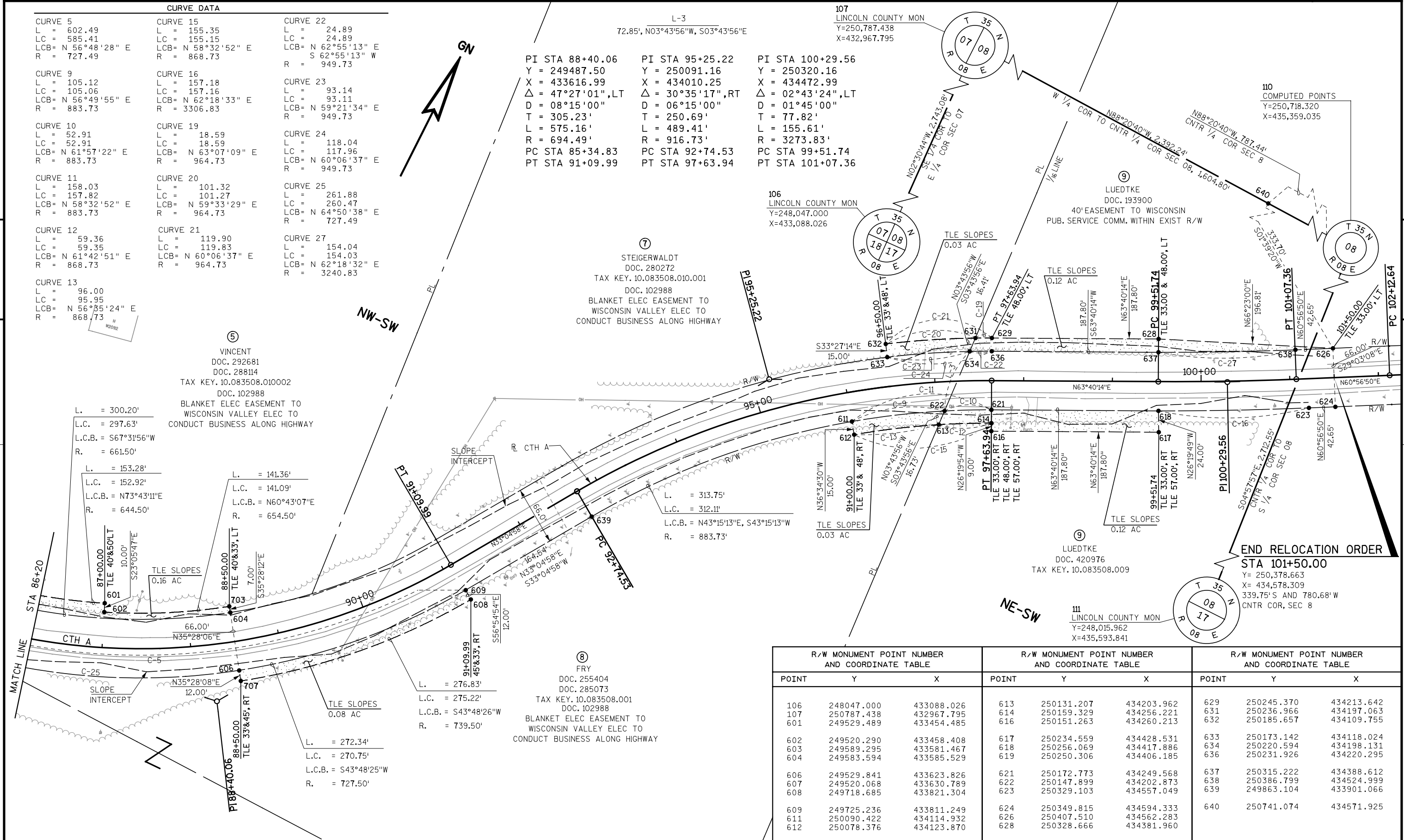
5
VINCENT
DOC. 292681
DOC. 288114
TAX KEY. 10.083508.010002
DOC. 102988
BLANKET ELEC EASEMENT TO
WISCONSIN VALLEY ELEC TO
CONDUCT BUSINESS ALONG HIGHWAY

9
LUEDTKE
DOC. 420976
TAX KEY. 10.083508.009

111
LINCOLN COUNTY MON
Y=248,015.962
X=435,593.841

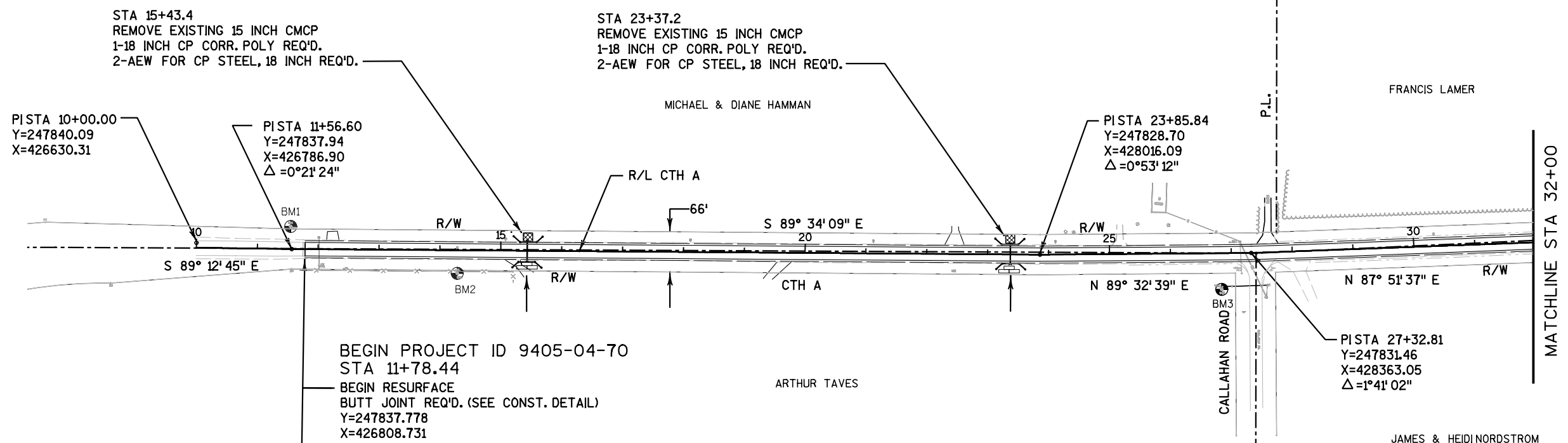
END RELOCATION ORDER
STA 101+50.00
Y = 250,378.663
X = 434,578.309
339.75'S AND 780.68'W
CNTR COR, SEC 8

8
FRY
DOC. 255404
DOC. 285073
TAX KEY. 10.083508.001
DOC. 102988
BLANKET ELEC EASEMENT TO
WISCONSIN VALLEY ELEC TO
CONDUCT BUSINESS ALONG HIGHWAY



R/W MONUMENT POINT NUMBER AND COORDINATE TABLE			R/W MONUMENT POINT NUMBER AND COORDINATE TABLE			R/W MONUMENT POINT NUMBER AND COORDINATE TABLE		
POINT	Y	X	POINT	Y	X	POINT	Y	X
106	248047.000	433088.026	613	250131.207	434203.962	629	250245.370	434213.642
107	250787.438	432967.795	614	250159.329	434256.221	631	250236.966	434197.063
601	249529.489	433454.485	616	250151.263	434260.213	632	250185.657	434109.755
602	249520.290	433458.408	617	250234.559	434428.531	633	250173.142	434118.024
603	249589.295	433581.467	618	250256.069	434417.886	634	250220.594	434198.131
604	249583.594	433585.529	619	250250.306	434406.185	636	250231.926	434220.295
606	249529.841	433623.826	621	250172.773	434249.568	637	250315.222	434388.612
607	249520.068	433630.789	622	250147.899	434202.873	638	250386.799	434524.999
608	249718.685	433821.304	623	250329.103	434557.049	639	249863.104	433901.066
609	249725.236	433811.249	624	250349.815	434594.333	640	250741.074	434571.925
611	250090.422	434114.932	626	250407.510	434562.283			
612	250078.376	434123.870	628	250328.666	434381.960			

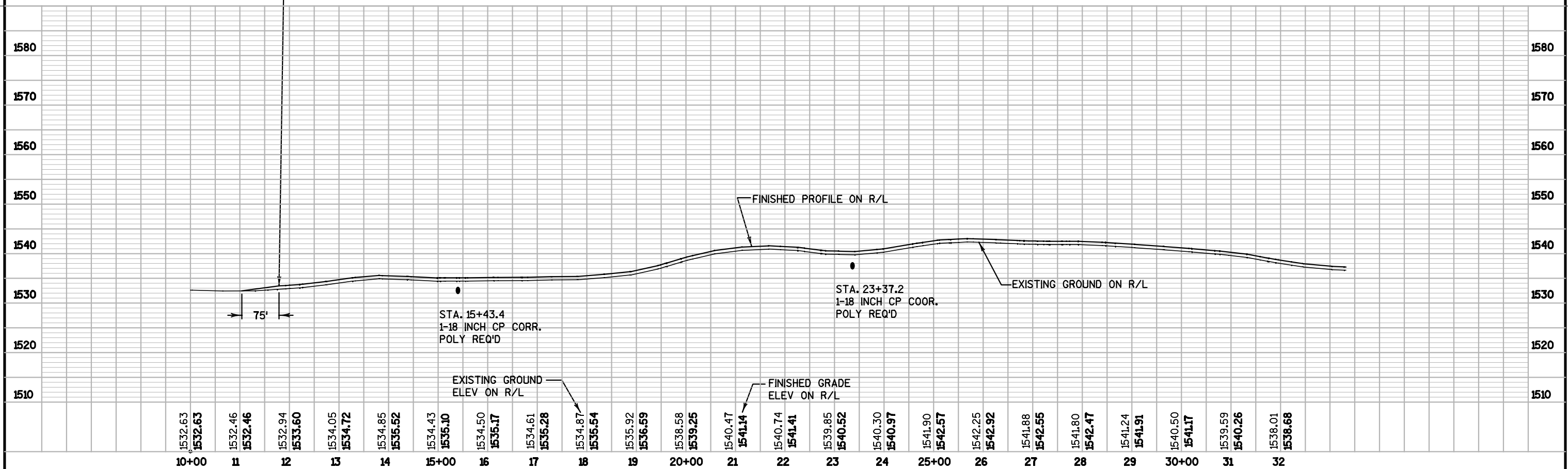
REVISION DATE	DATE 07-02-07	SCALE, FEET 0 50 100	HWY: CTH A	STATE R/W PROJECT NUMBER 9405-04-20	PLAT SHEET 4.6
	GRID FACTOR 1.0000		COUNTY: LINCOLN	CONSTRUCTION PROJECT NUMBER 9405-04-20	PS&E SHEET E



BEGIN PROJECT ID 9405-04-70
 STA 11+78.44
 BEGIN RESURFACE
 BUTT JOINT REQ'D. (SEE CONST. DETAIL)
 Y=247837.778
 X=426808.731

BENCHMARKS			
NO.	STATION	DESCRIPTION	ELEVATION
1	11+56.56, 33.29' LT	5/8" REBAR NORTH OF R/W POST	1531.57
2	14+25.75, 33.05' RT	1 1/2" IRON PIPE	1537.40
3	26+86.74, 54.15' RT	PAINTED SQUARE, NE CORNER OF CONC. WELL	1543.19

- LEGEND**
- SILT FENCE
 - CULVERT PIPE DITCH CHECK
 - EROSION MAT CLASS I, TYPE B



PROJECT NO: 9405-04-70	HWY: CTH A	COUNTY: LINCOLN	PLAN & PROFILE: STA 11+78.44 TO STA 32+00	SHEET	E
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BENCHMARKS			
NO.	STATION	DESCRIPTION	ELEVATION
4	34+61.19, 33.19' RT	60d NAIL IN 20" WHITE PINE	1537.12
5	47+36.49, 269.64' RT	LINCOLN COUNTY MONUMENT	1534.46

PAT & AIMEE PRITZL

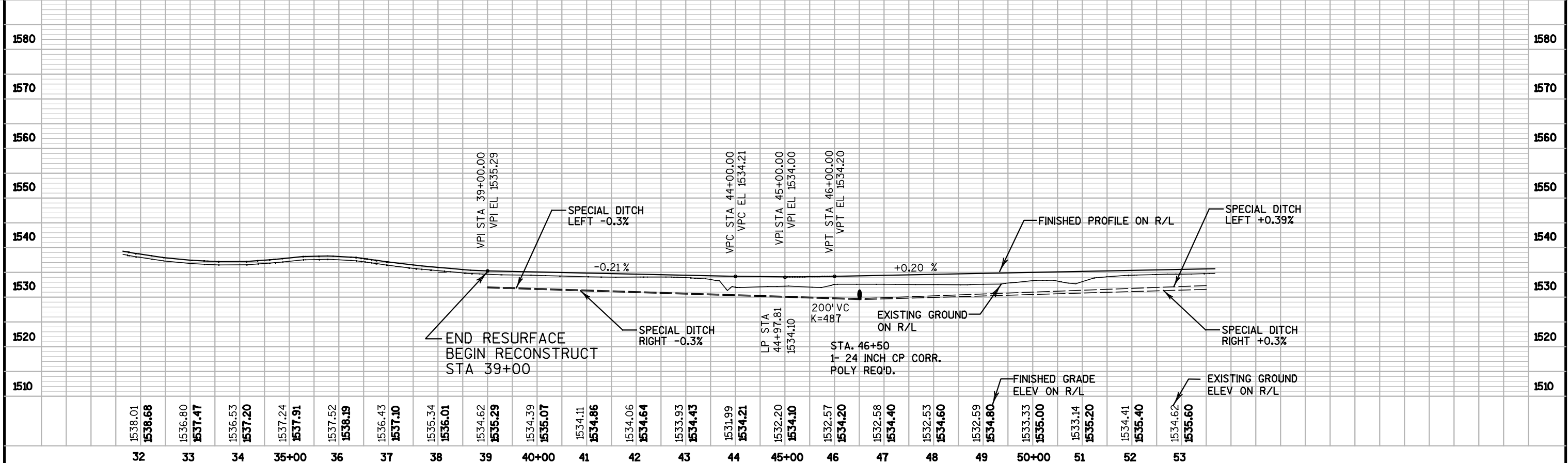
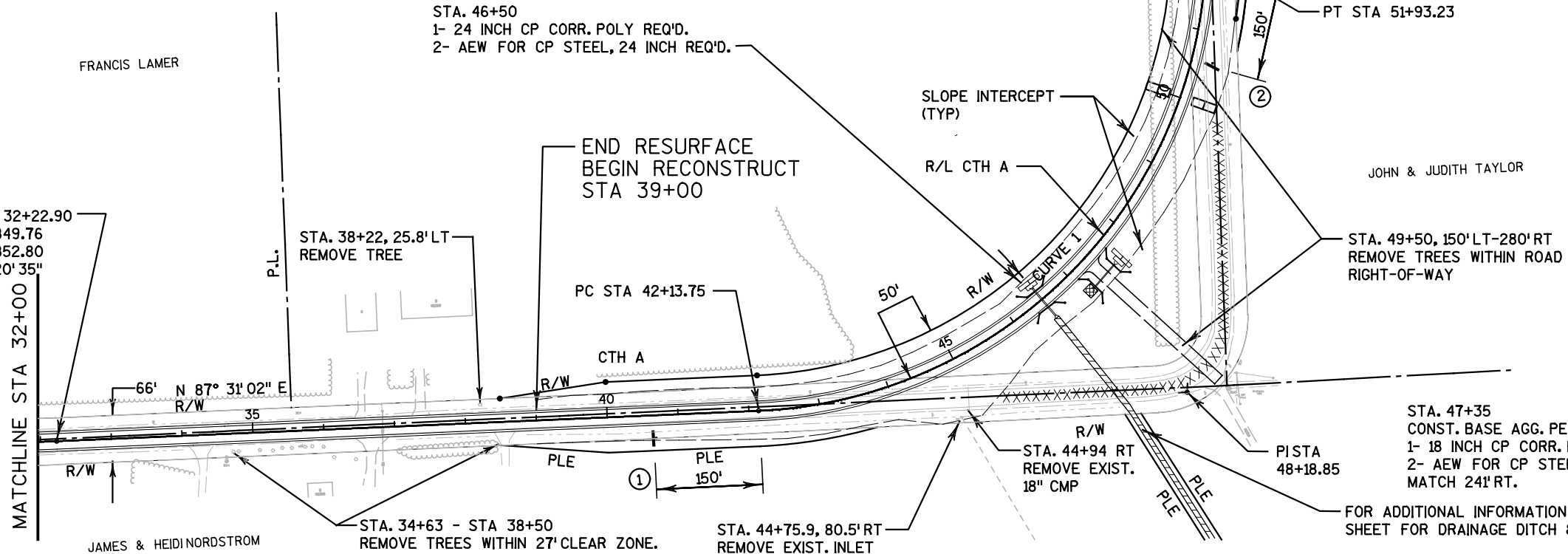
MATCHLINE STA 53+00

CURVE 1
 PISTA 48+18.85
 Y=247918.89
 X=430447.26
 $\Delta=85^{\circ}01'50''$
 D=08'40"52"
 T=605.10'
 R=660.00'
 L=979.48'
 E=235.40'
 SE=6.00%
 RO=177'

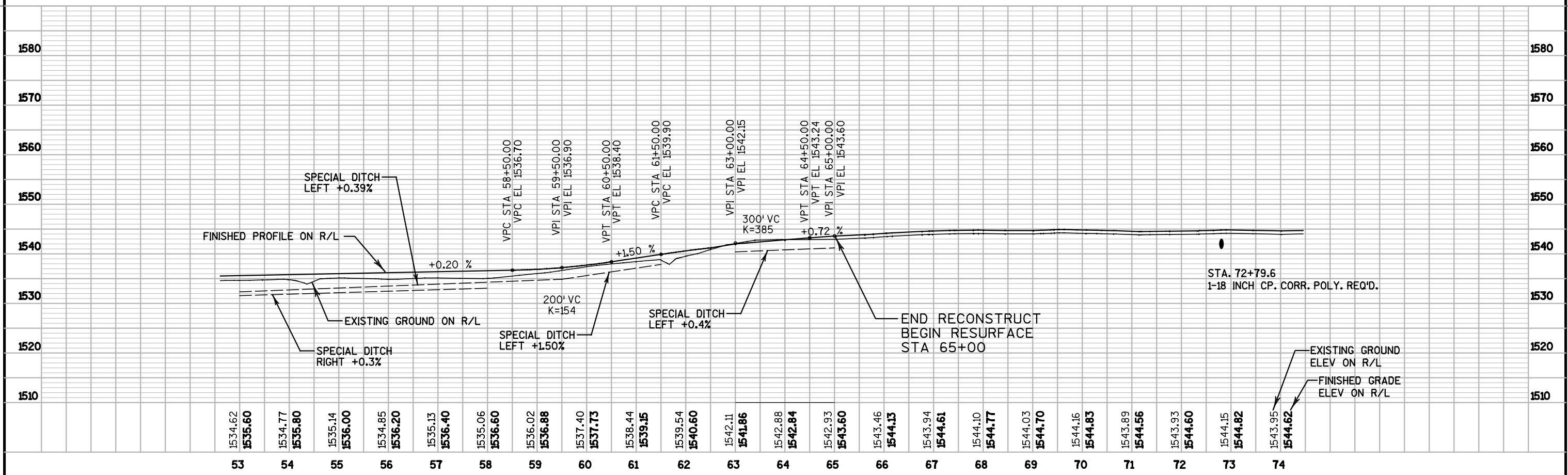
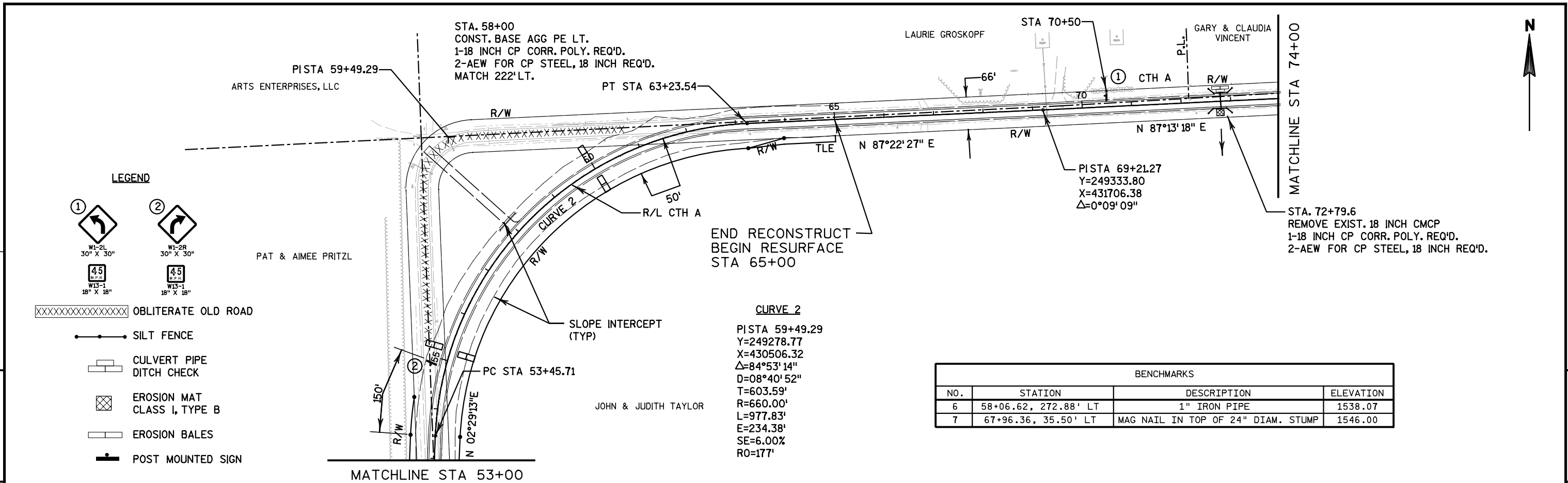


LEGEND

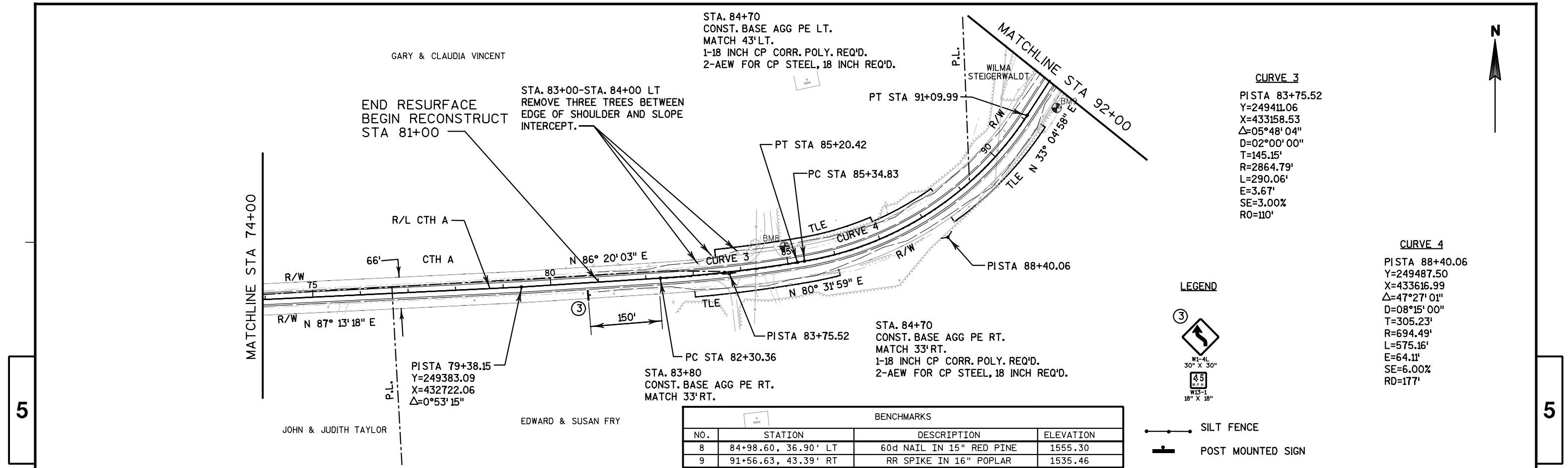
- ① W1-2L 30" X 30"
- ② W1-2R 30" X 30"
- 4.5 W13-1 18" X 18"
- OBLITERATE OLD ROAD
- SILT FENCE
- CULVERT PIPE DITCH CHECK
- EROSION MAT CLASS I, TYPE B
- EROSION BALES
- POST MOUNTED SIGN
- RIPRAP MEDIUM



PROJECT NO: 9405-04-70 HWY: CTH A COUNTY: LINCOLN PLAN & PROFILE: STA 32+00 TO STA 53+00 SHEET E



PROJECT NO: 9405-04-70 HWY: CTH A COUNTY: LINCOLN PLAN & PROFILE: STA 53+00 TO STA 74+00 SHEET E



CURVE 3
 PISTA 83+75.52
 Y=249411.06
 X=433158.53
 $\Delta=05^{\circ}48'04''$
 $D=02^{\circ}00'00''$
 T=145.15'
 R=2864.79'
 L=290.06'
 E=3.67'
 SE=3.00%
 RO=110'

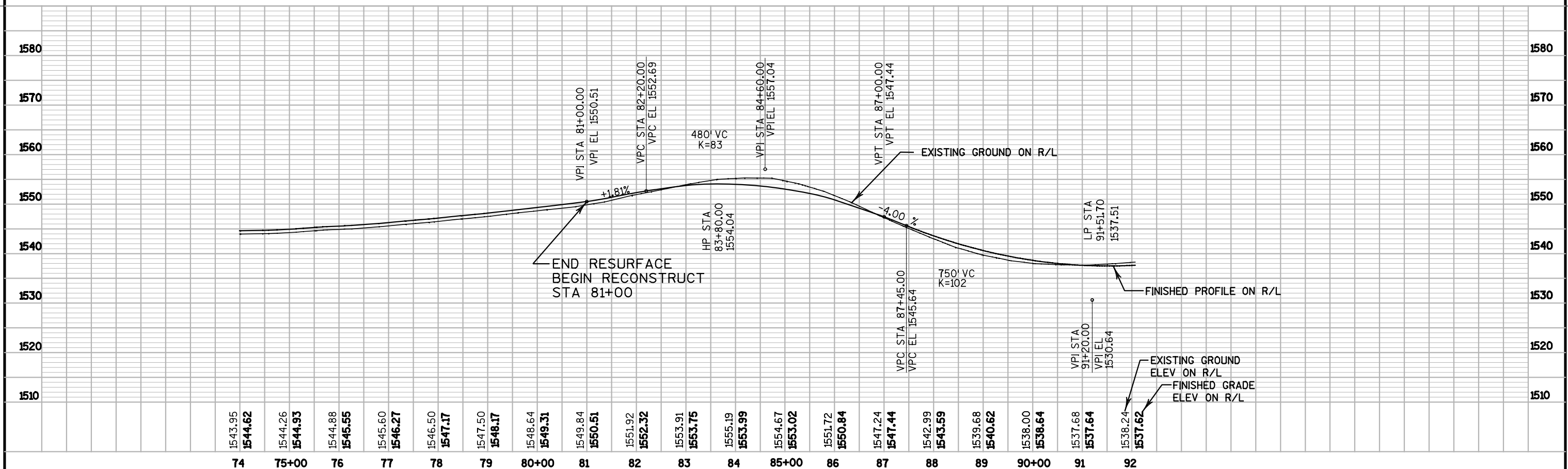
CURVE 4
 PISTA 88+40.06
 Y=249487.50
 X=433616.99
 $\Delta=47^{\circ}27'01''$
 $D=08^{\circ}15'00''$
 T=305.23'
 R=694.49'
 L=575.16'
 E=64.11'
 SE=6.00%
 RD=177'

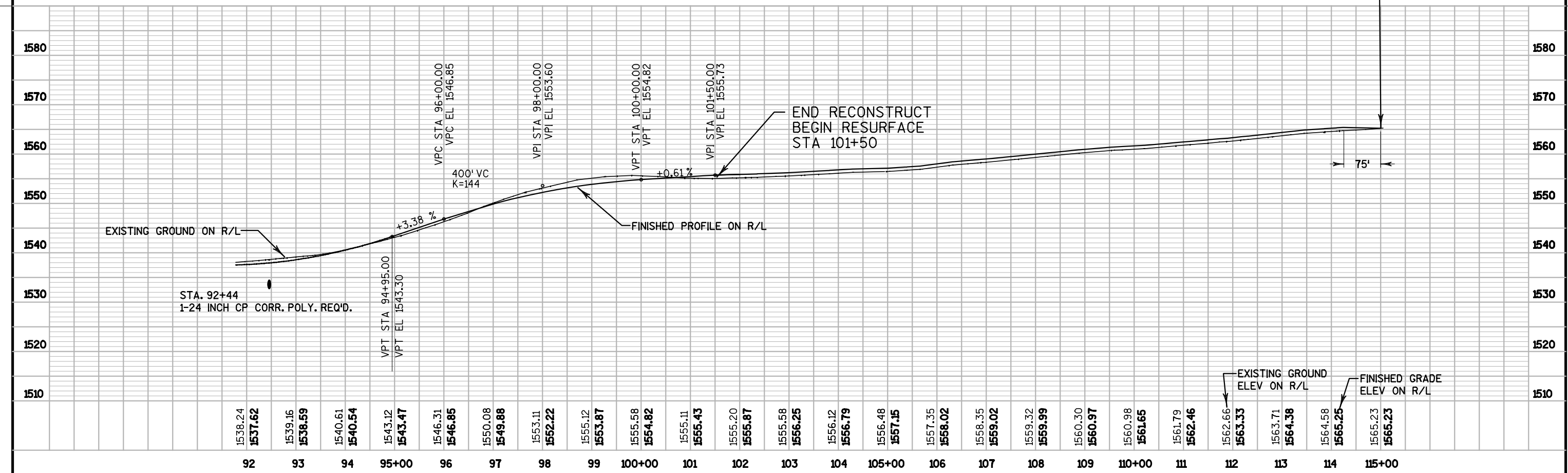
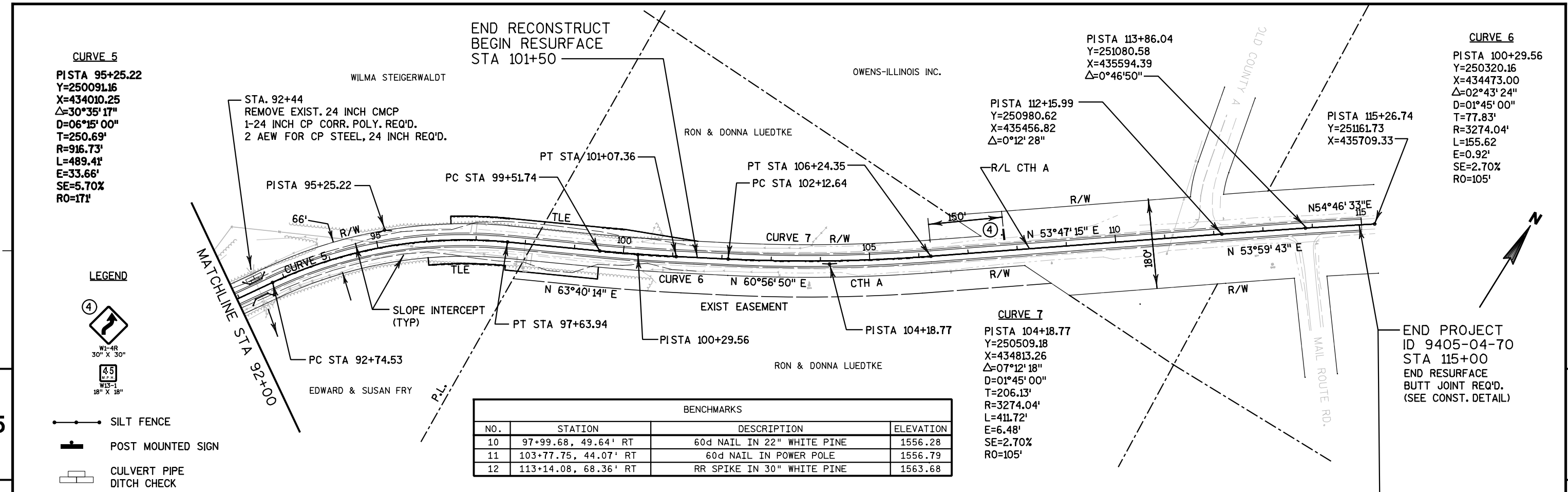
LEGEND



—●— SILT FENCE
 —■— POST MOUNTED SIGN

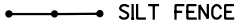


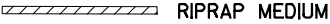
BENCHMARKS			
NO.	STATION	DESCRIPTION	ELEVATION
8	84+98.60, 36.90' LT	60d NAIL IN 15" RED PINE	1555.30
9	91+56.63, 43.39' RT	RR SPIKE IN 16" POPLAR	1535.46





PROJECT NO: 9405-04-70 HWY: CTH A COUNTY: LINCOLN PLAN & PROFILE: STA 92+00 TO STA 115+00 SHEET E

LEGEND

-  SILT FENCE
-  CULVERT PIPE
DITCH CHECK
-  EROSION MAT
CLASS I, TYPE B
-  RIPRAP MEDIUM

STA. 46+50
1- 24 INCH CP CORR. POLY REQ'D.
2- AEW FOR CP STEEL, 24" REQ'D.

STA. 47+35
CONST. BASE AGG. PE RT.
1- 18 INCH CP CORR. POLY REQ'D.
2- AEW FOR CP STEEL, 18 INCH REQ'D.
MATCH 241' RT.

STA. 44+94 RT
REMOVE EXIST.
18" CMP

STA. 44+75.9, 80.5' RT
REMOVE EXIST. INLET

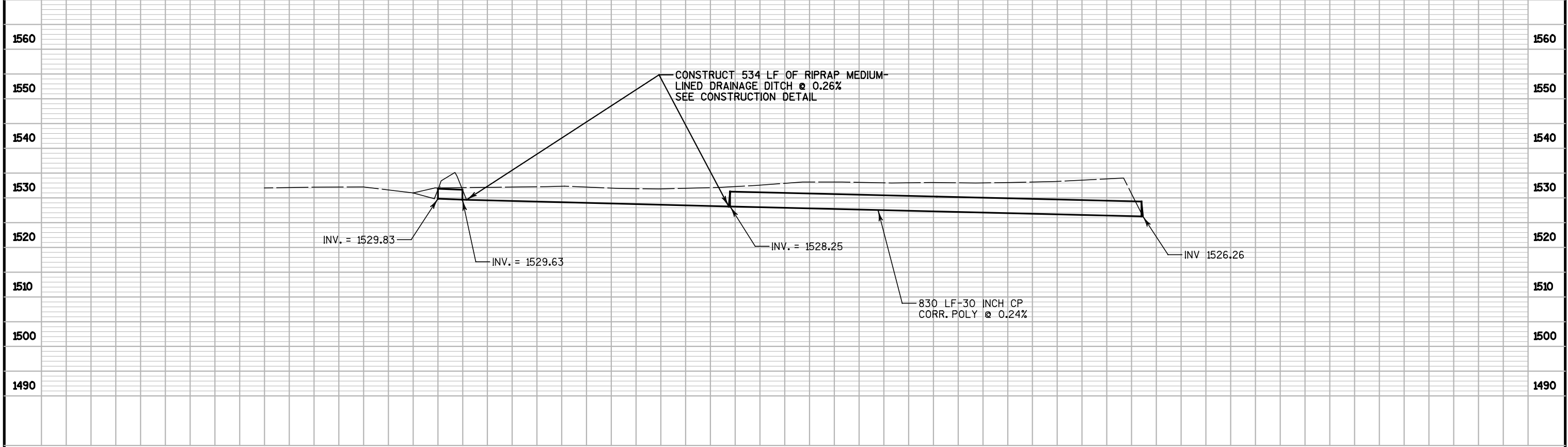
STA 46+20.18, 566' RT
AEW FOR CP STEEL, 30" REQ'D.

STA 45+95.05, 1407' RT
AEW FOR CP STEEL, 30" REQ'D.
RIPRAP MEDIUM REQ'D.
SEE CONSTRUCTION DETAIL

830 LF-30 INCH CP CORR. POLY REQ'D.

5

5

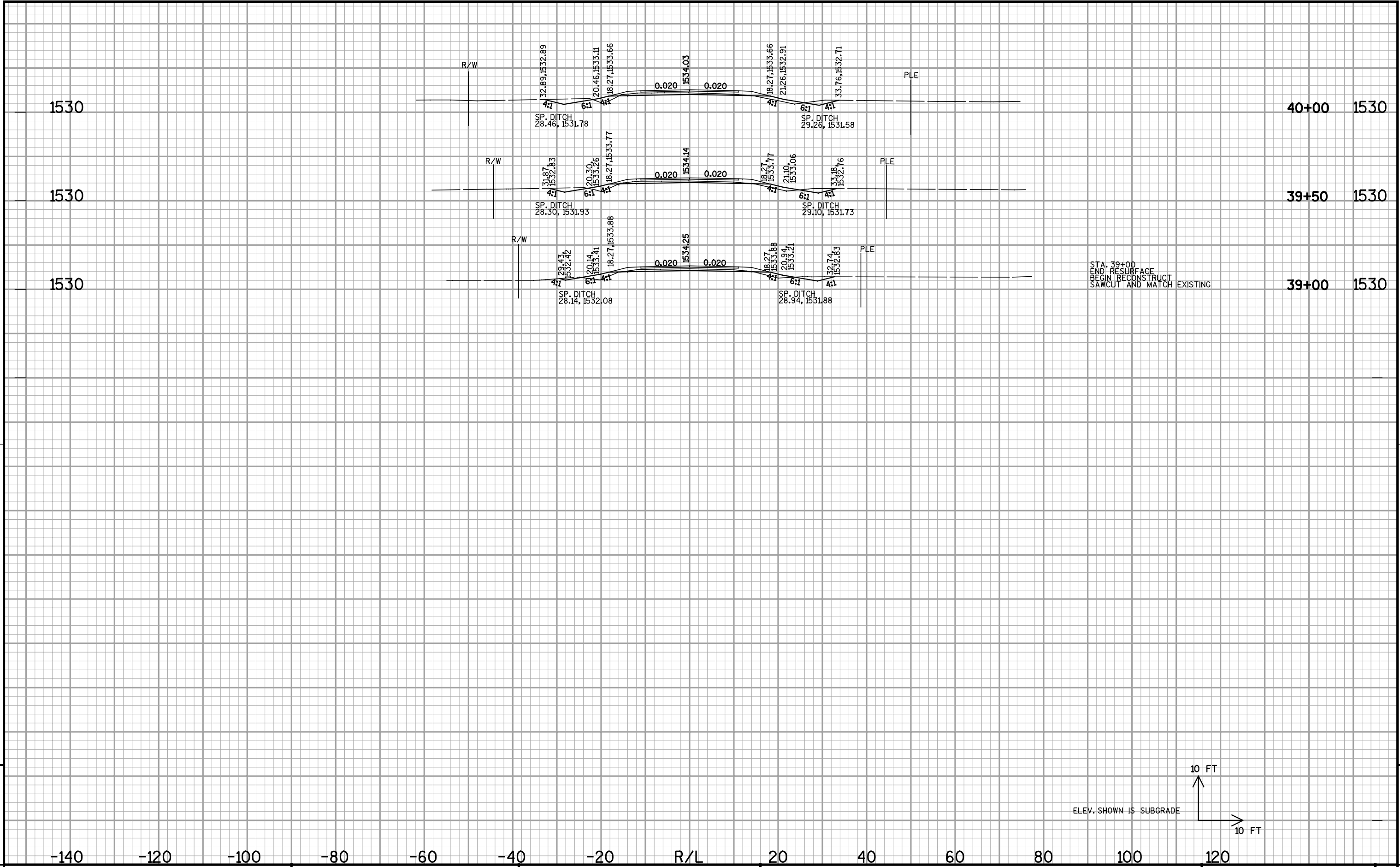


Station	Length Feet	Cut End Area SF	Fill End Area SF	Raw Cut CY	Raw Fill CY
39+00	50	28.65	11.96	63.72	21.85
39+50	50	40.17	11.64	78.95	21.44
40+00	50	45.1	11.51	95.22	22.13
40+50	50	57.74	12.39	113.59	25.27
41+00	50	64.94	14.90	120.20	32.56
41+50	50	64.88	20.27	121.37	41.87
42+00	50	66.2	24.95	137.41	49.20
42+50	50	82.2	28.19	158.42	45.81
43+00	50	88.89	21.29	149.48	27.18
43+50	50	72.55	8.06	148.49	35.27
44+00	50	87.82	30.03	242.03	69.53
44+50	50	173.57	45.06	389.91	79.85
45+00	50	247.53	41.18	346.88	84.90
45+50	50	127.1	50.51	219.12	76.69
46+00	50	109.55	32.31	198.53	62.20
46+50	50	104.86	34.87	183.89	68.65
47+00	50	93.74	39.27	166.73	77.91
47+50	50	86.33	44.87	151.96	86.46
48+00	50	77.79	48.51	139.40	96.32
48+50	50	72.76	55.52	139.26	100.49
49+00	50	77.64	53.01	142.81	91.93
49+50	50	76.6	46.27	150.37	75.15
50+00	50	85.8	34.89	158.83	67.70
50+50	50	85.74	38.23	137.52	62.11
51+00	50	62.78	28.85	112.38	47.99
51+50	50	58.59	22.98	115.37	36.19

52+00	50	66.01	16.1	117.89	28.08
52+50	50	61.31	14.23	103.40	25.25
53+00	50	50.36	13.04	97.43	21.10
53+50	50	54.86	9.75	105.26	18.38
54+00	50	58.82	10.1	125.44	20.51
54+50	50	76.66	12.05	142.70	26.02
55+00	50	77.46	16.05	123.27	24.69
55+50	50	55.67	10.62	98.42	27.01
56+00	50	50.62	18.55	92.50	33.84
56+50	50	49.28	18	84.22	34.45
57+00	50	41.68	19.21	68.56	40.68
57+50	50	32.37	24.72	58.99	48.53
58+00	50	31.34	27.69	66.61	42.19
58+50	50	40.6	17.87	90.56	25.53
59+00	50	57.2	9.7	123.11	13.30
59+50	50	75.76	4.66	160.22	5.76
60+00	50	97.28	1.56	169.77	3.82
60+50	50	86.07	2.57	139.94	13.38
61+00	50	65.07	11.88	106.63	28.20
61+50	50	50.09	18.58	78.86	28.72
62+00	50	35.08	12.44	104.55	19.01
62+50	50	77.83	8.09	192.82	9.48
63+00	50	130.42	2.15	240.39	2.41
63+50	50	129.2	0.45	226.46	0.57
64+00	50	115.38	0.17	198.65	0.71
64+50	50	99.16	0.6	169.01	1.42
65+00	50	83.37	0.93		
TOTALS				7467.52	2049.69

Station	Length Feet	Cut End Area SF	Fill End Area SF	Raw Cut CY	Raw Fill CY
81+00	50	64.72	0.00	113.57	0.00
81+50	50	57.94	0	104.13	0.00
82+00	50	54.52	0	100.41	0.00
82+50	50	53.92	0	115.48	0.00
83+00	50	70.8	0.00	168.35	0.00
83+50	50	111.02	0	253.43	0.00
84+00	50	162.68	0	325.69	0.00
84+50	50	189.07	0	343.96	0.00
85+00	50	182.41	0	319.59	0.00
85+50	50	162.75	0	247.03	0.00
86+00	50	104.04	0	160.39	0.00
86+50	50	69.18	0	105.82	3.22
87+00	50	45.11	3.48	73.26	14.06
87+50	50	34.01	11.7	62.39	22.54
88+00	50	33.37	12.64	46.94	27.05
88+50	50	17.32	16.57	29.84	41.81
89+00	50	14.91	28.59	33.26	77.91
89+50	50	21.01	55.55	42.99	97.69
90+00	50	25.42	49.95	39.01	67.75
90+50	50	16.71	23.22	42.23	36.86
91+00	50	28.9	16.59	64.15	24.90
91+50	50	40.38	10.3	83.54	17.10
92+00	50	49.84	8.17	95.37	18.38
92+50	50	53.16	11.68	95.99	11.85

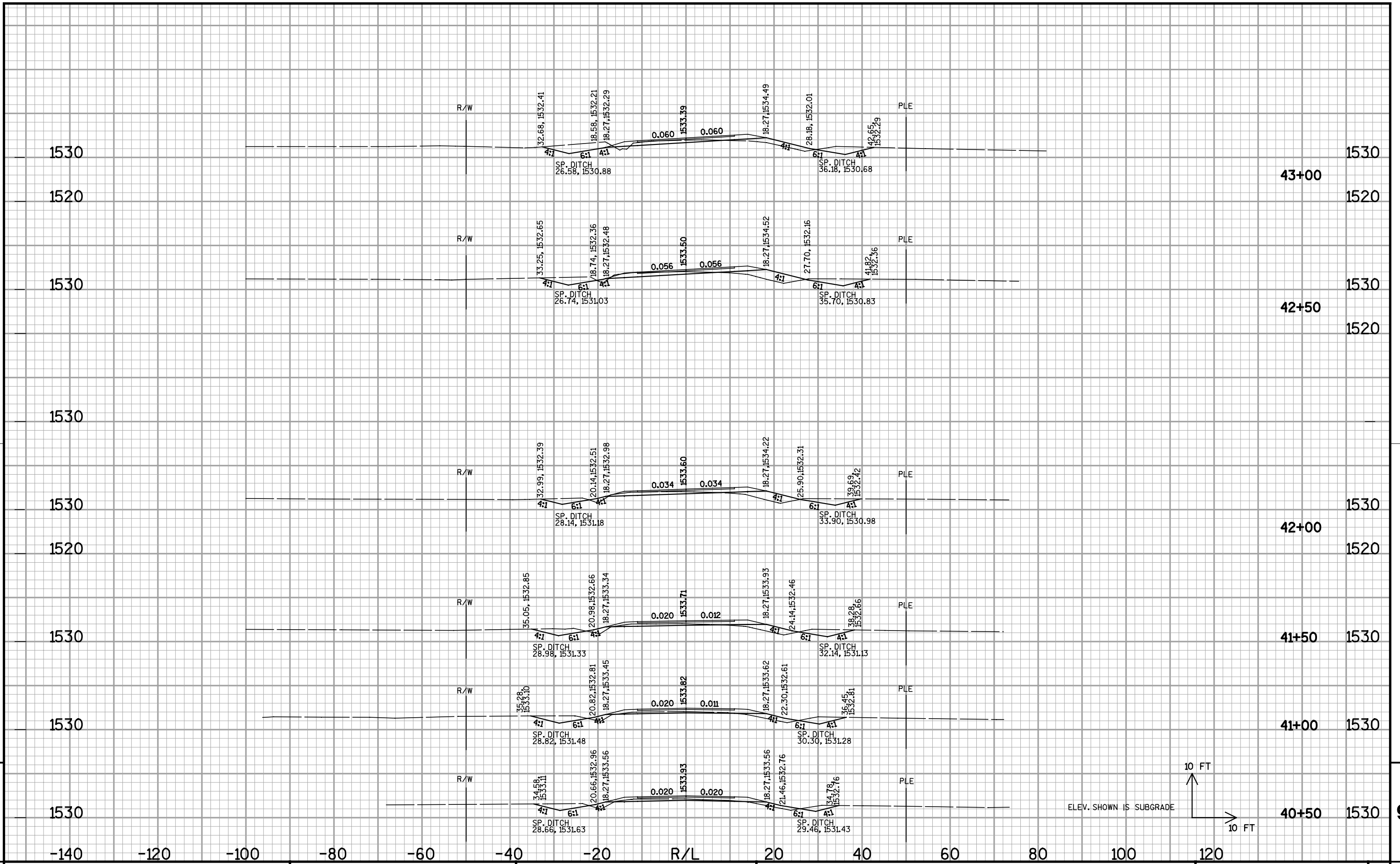
93+00	50	50.51	1.12	82.59	9.03
93+50	50	38.69	8.63	66.48	13.51
94+00	50	33.11	5.96	56.65	9.58
94+50	50	28.07	4.39	44.34	12.75
95+00	50	19.82	9.38	30.55	15.94
95+50	50	13.17	7.83	27.56	11.62
96+00	50	16.6	4.72	42.84	6.78
96+50	50	29.67	2.6	115.49	2.41
97+00	50	95.06	0	245.83	0.00
97+50	50	170.44	0	319.68	0.00
98+00	50	174.81	0	383.05	0.00
98+50	50	238.88	0	434.98	0.00
99+00	50	230.9	0	345.87	0.00
99+50	50	142.64	0	229.29	0.00
100+00	50	104.99	0	169.49	0.00
100+50	50	78.06	0	115.77	1.72
101+00	50	46.97	1.86	70.06	4.61
101+50	50	28.7	3.12	26.57	2.89
TOTALS				5873.93	551.94



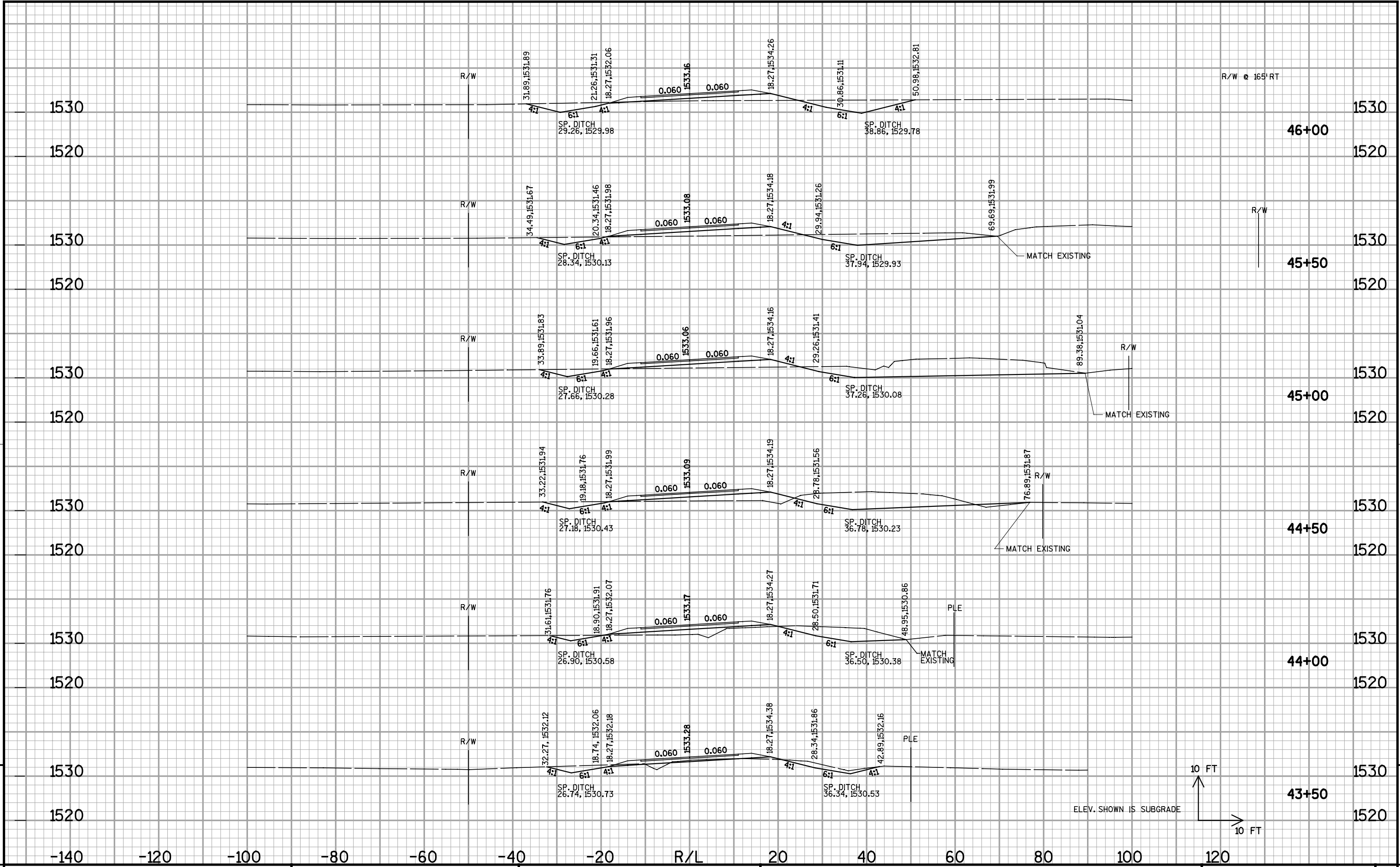
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9

PROJECT NO:9405-04-70 HWY: CTH A COUNTY: LINCOLN CROSS SECTIONS : STA. 39+00 - STA. 40+00 SHEET: E



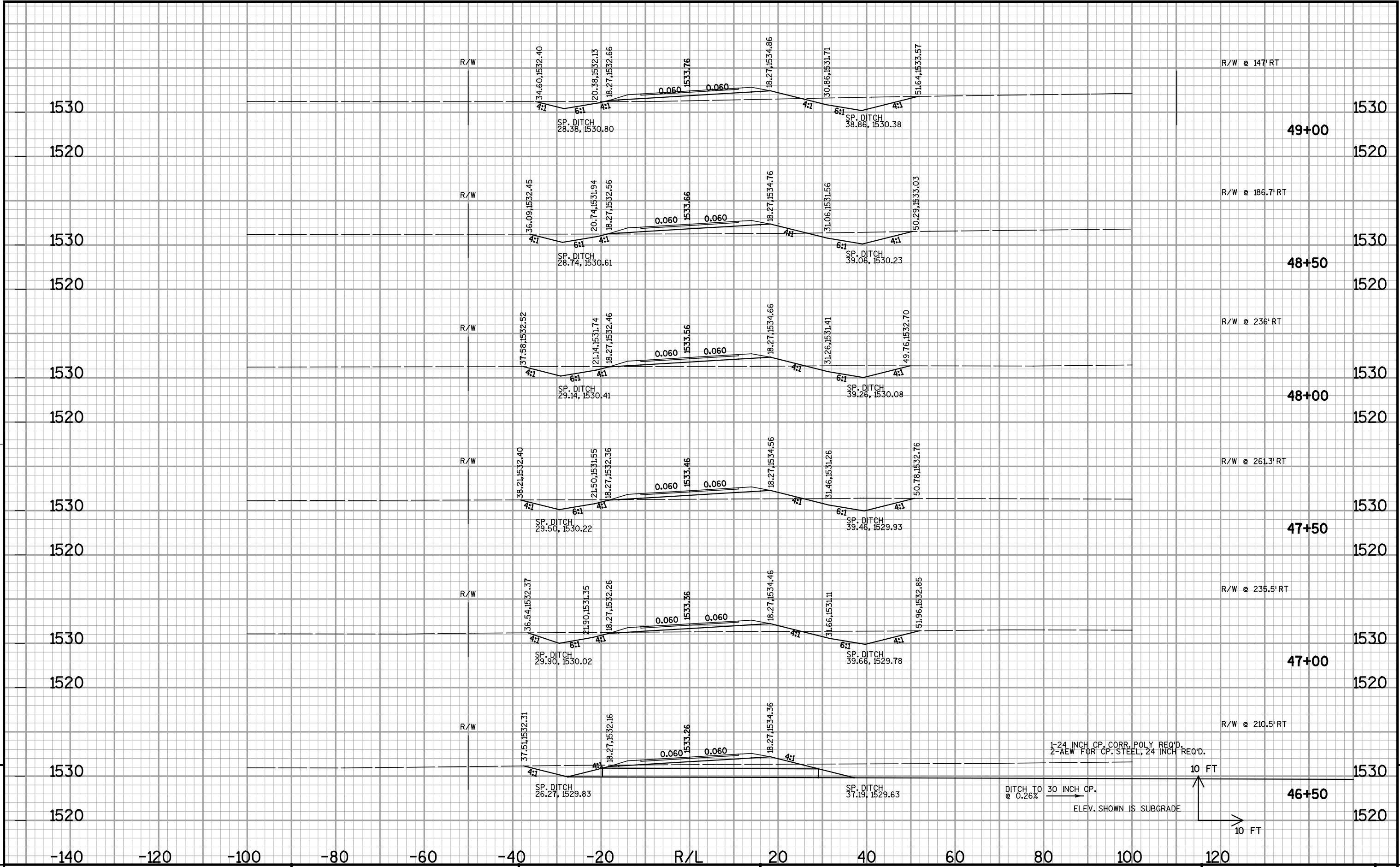
PROJECT NO: 9405-04-70 HWY: CTH A COUNTY: LINCOLN CROSS SECTIONS : STA. 40+50 - STA. 43+00 SHEET: 9



9 1530 1520 -140 -120 -100 -80 -60 -40 -20 R/L 20 40 60 80 100 120 1530 1520 9

PROJECT NO:9405-04-70 HWY: CTH A COUNTY: LINCOLN CROSS SECTIONS : STA. 43+50 - STA. 46+00 SHEET: E

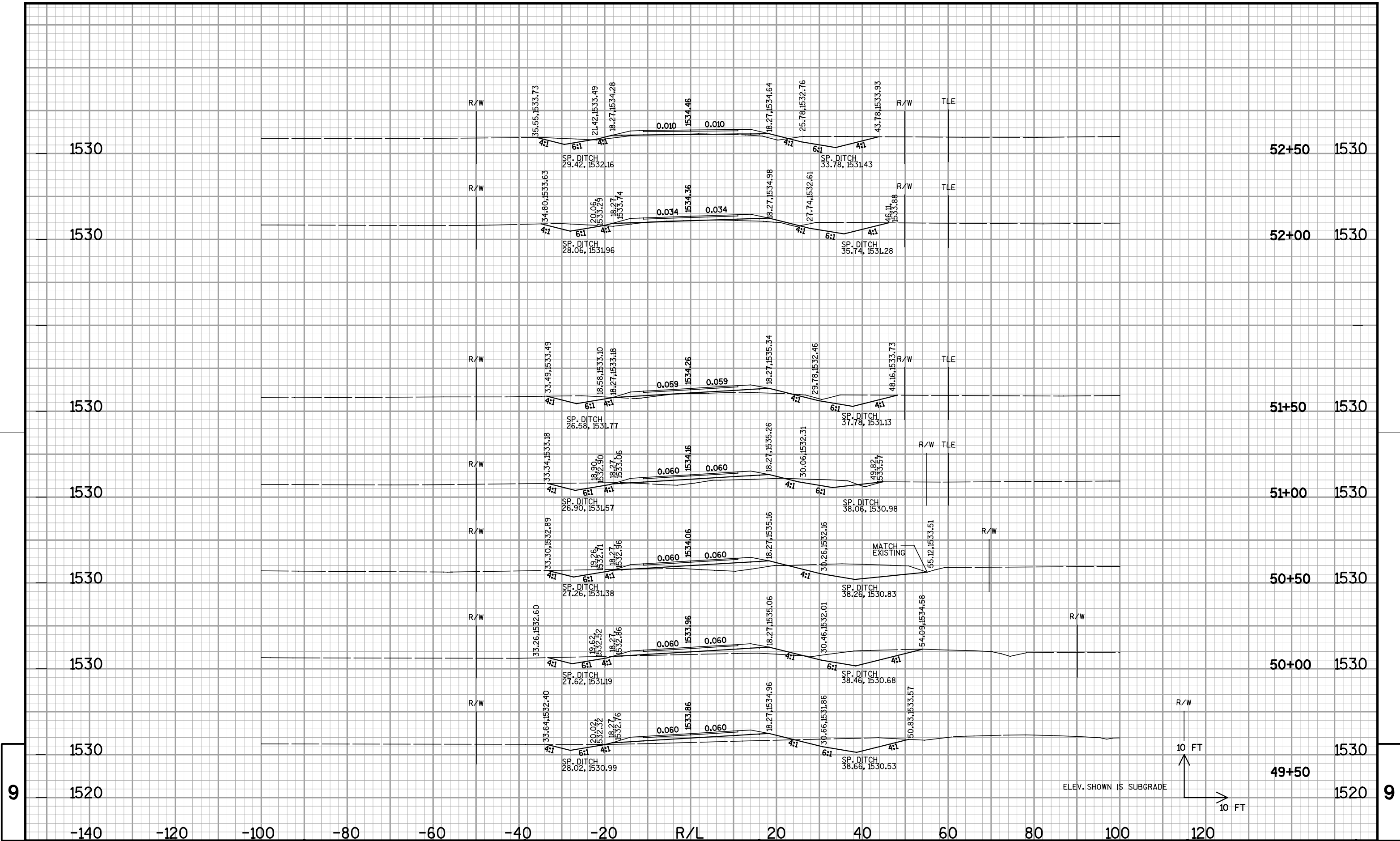
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-140 -120 -100 -80 -60 -40 -20 R/L 20 40 60 80 100 120

PROJECT NO:9405-04-70 HWY: CTH A COUNTY: LINCOLN CROSS SECTIONS : STA. 46+50 - STA. 49+00 SHEET: E

FILE NAME : X:\12065-10\05001\TECH\design\calce\LINA\XSECT040108.dgn PLOT DATE : 4/24/2008 PLOT BY : 1048jqj PLOT NAME : PLOT SCALE : 2.0000 sf / In. WISDOT/CADD SHEET 21



PROJECT NO:9405-04-70

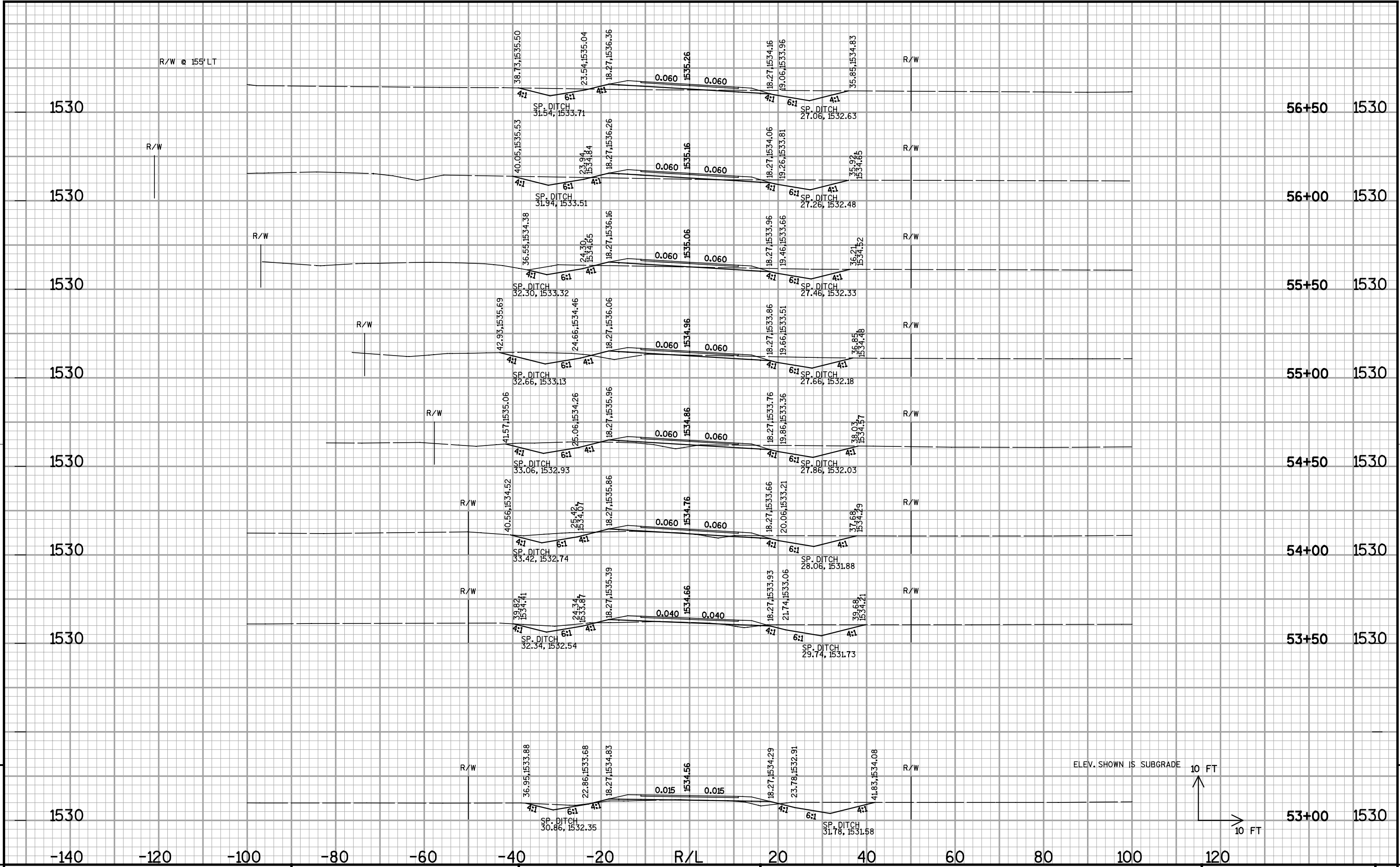
HWY: CTH A

COUNTY: LINCOLN

CROSS SECTIONS : STA. 49+50 - STA. 52+50

SHEET:

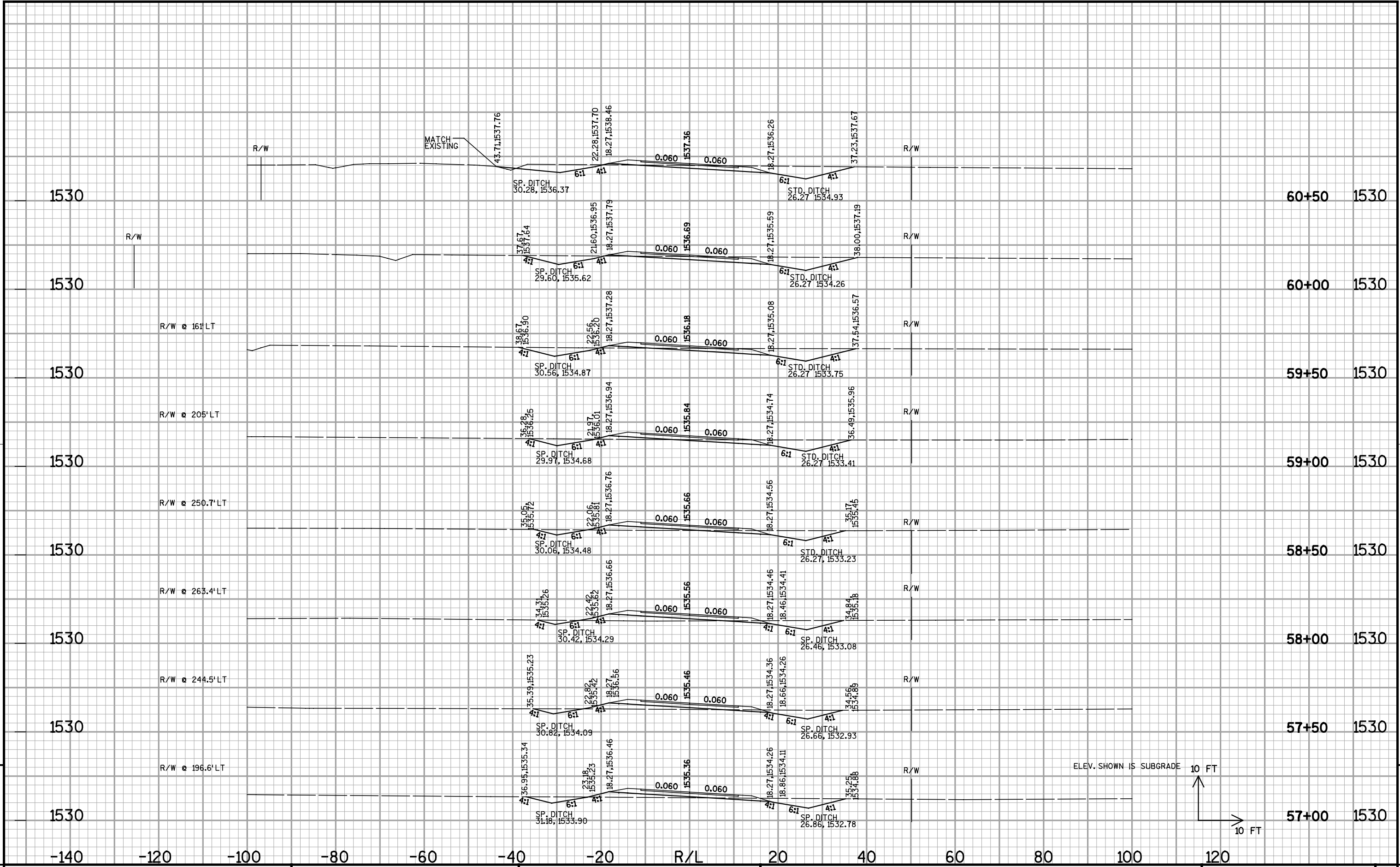
E



9 1530 -140 -120 -100 -80 -60 -40 -20 R/L 20 40 60 80 100 120 53+00 1530 9

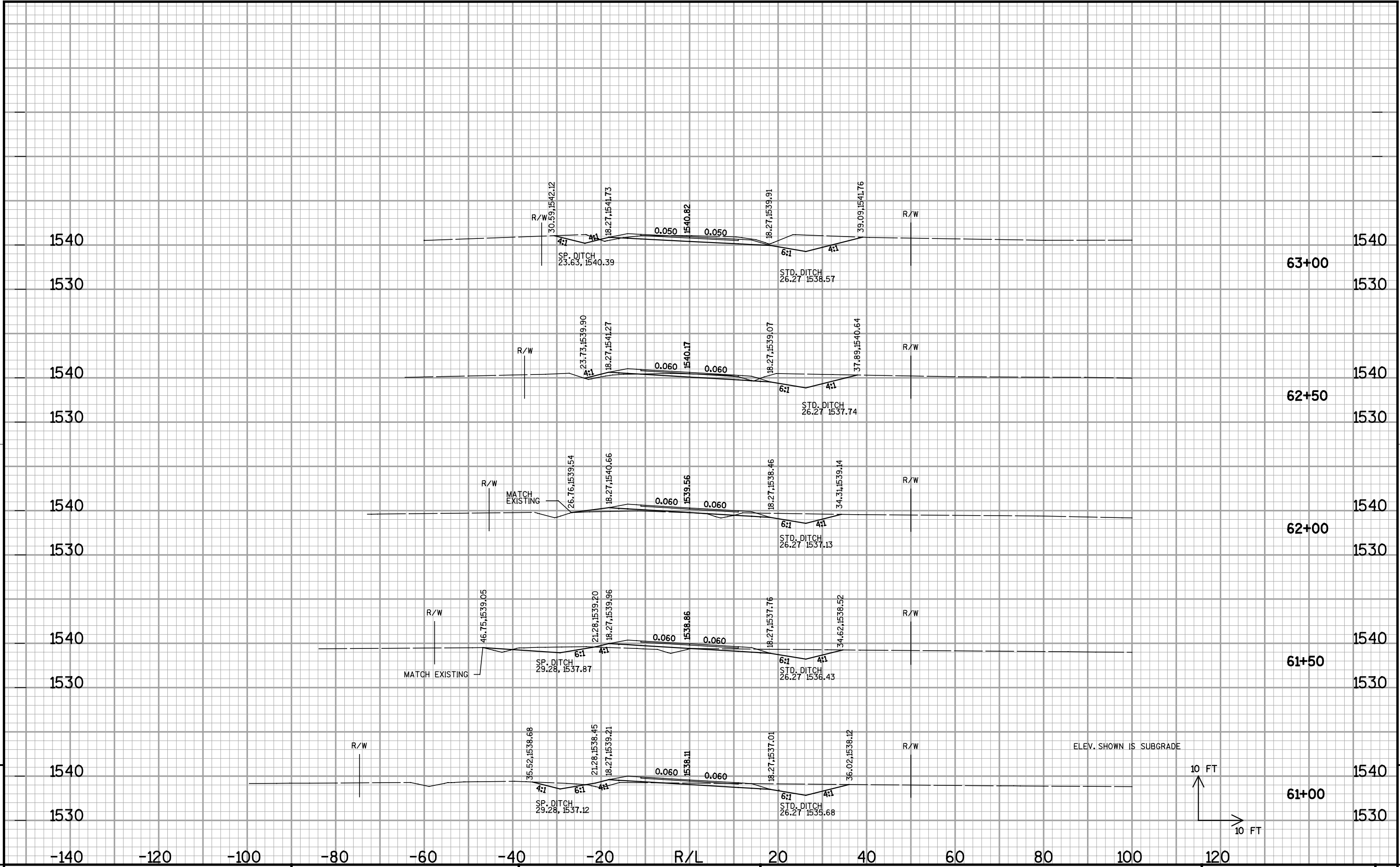
PROJECT NO:9405-04-70 HWY: CTH A COUNTY: LINCOLN CROSS SECTIONS : STA. 53+00 - STA. 56+50 SHEET: E

FILE NAME : X:\12065-10\05001\TECH\des\gn+cal\ce+LINA+XSECT040108.dgn PLOT DATE : 4/24/2008 PLOT BY : 1048jaj PLOT NAME : PLOT SCALE : 2.0000 sf / in. WISDOT/CADD SHEET 21

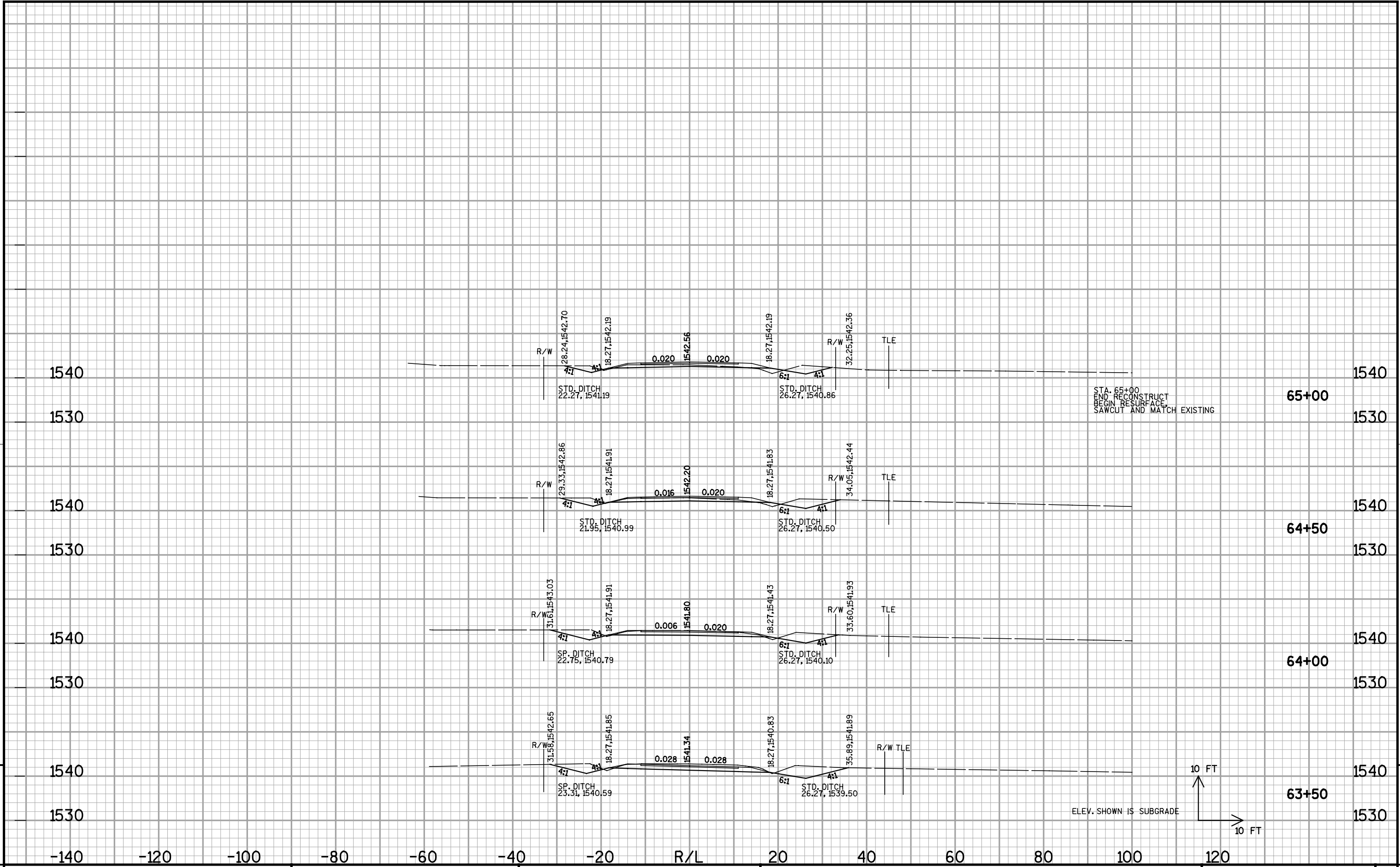


9 1530 -140 -120 -100 -80 -60 -40 -20 R/L 20 40 60 80 100 120 1530 9

PROJECT NO:9405-04-70 HWY: CTH A COUNTY: LINCOLN CROSS SECTIONS : STA. 57+00 - STA. 60+50 SHEET: E

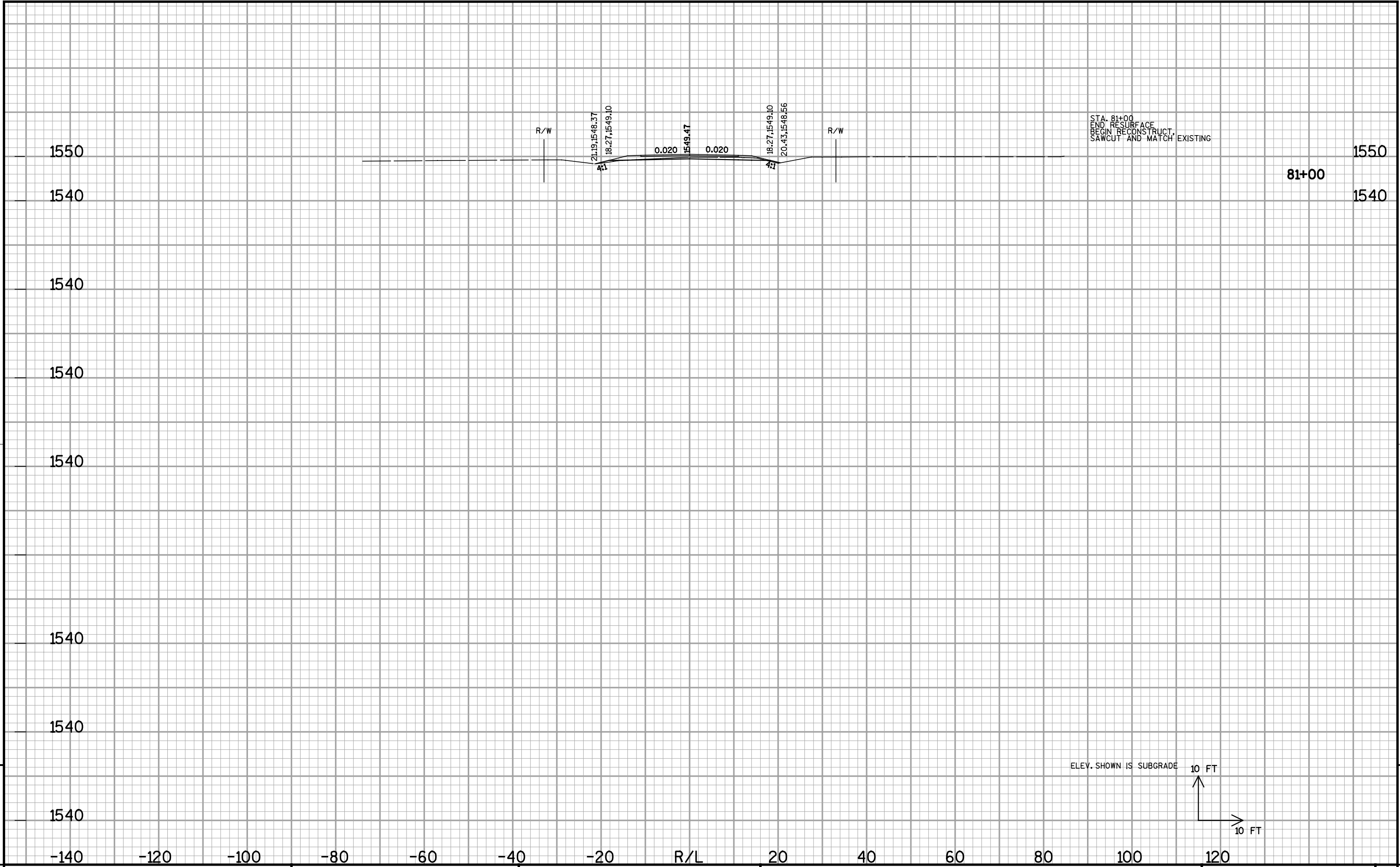


PROJECT NO:9405-04-70 HWY: CTH A COUNTY: LINCOLN CROSS SECTIONS : STA. 61+00 - STA. 63+00 SHEET: E



9 1540 1530 -140 -120 -100 -80 -60 -40 -20 R/L 20 40 60 80 100 120 1540 1530 9

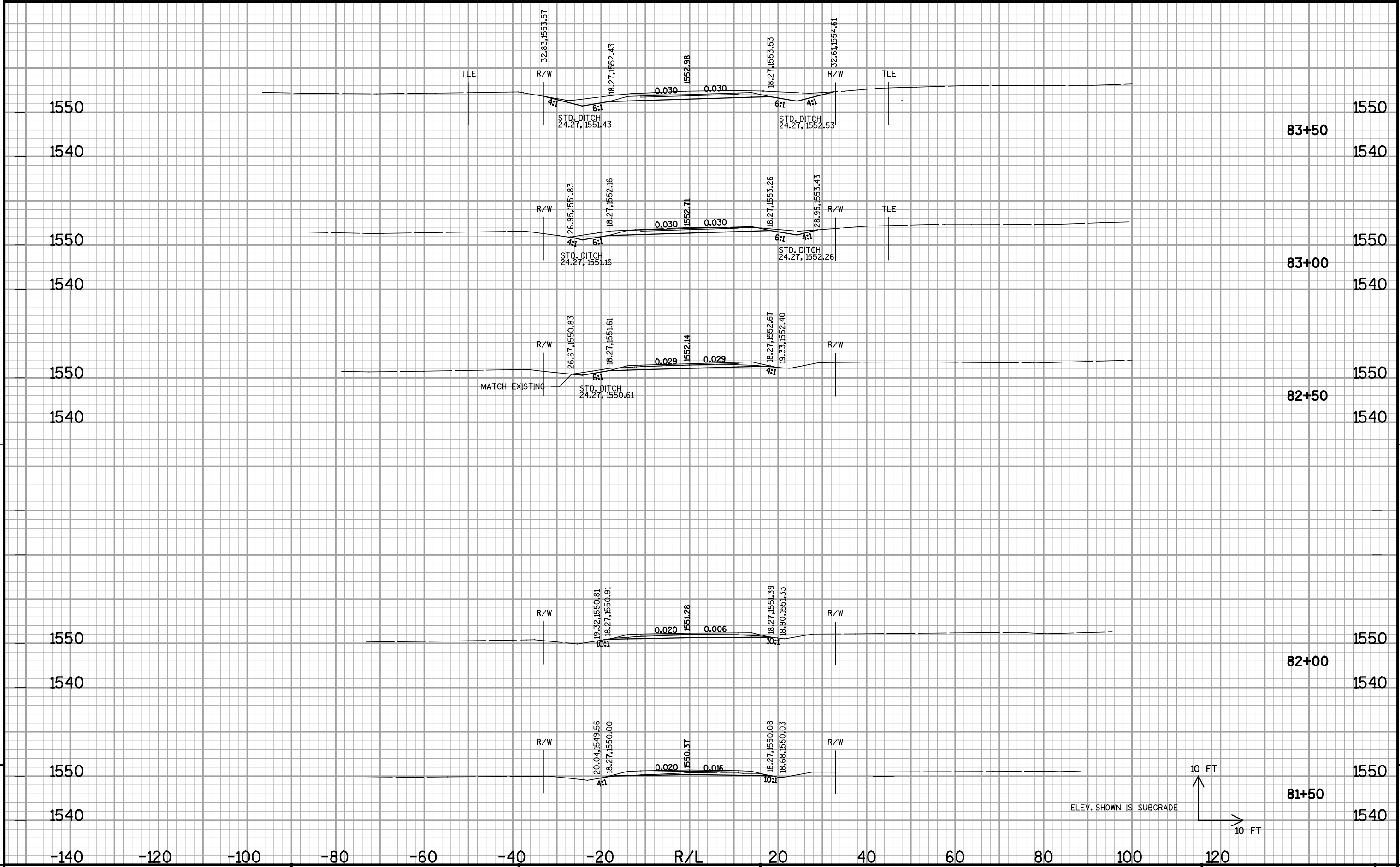
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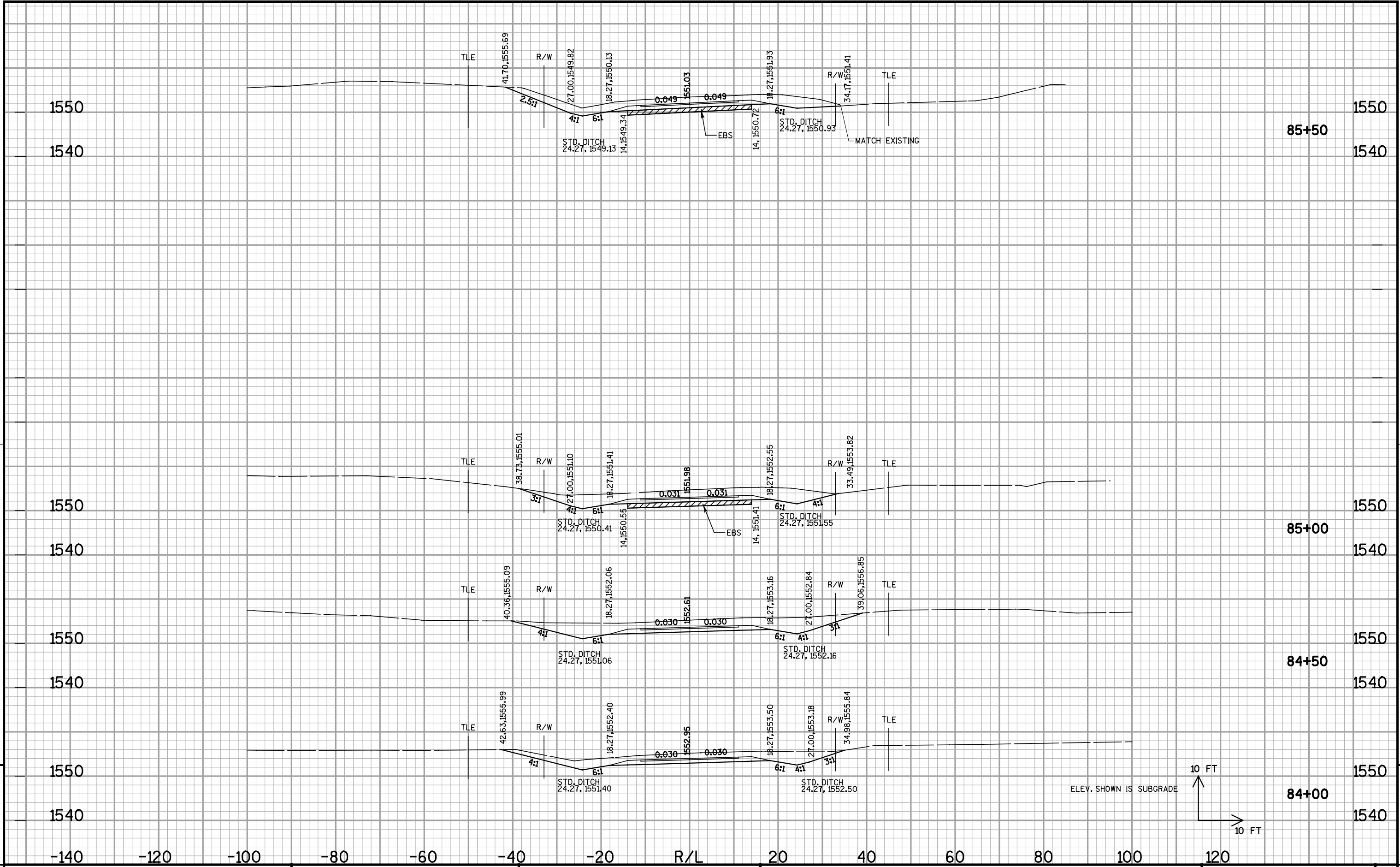
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PROJECT NO:9405-04-70 HWY: CTH A COUNTY: LINCOLN CROSS SECTIONS : STA. 81+00 SHEET: E



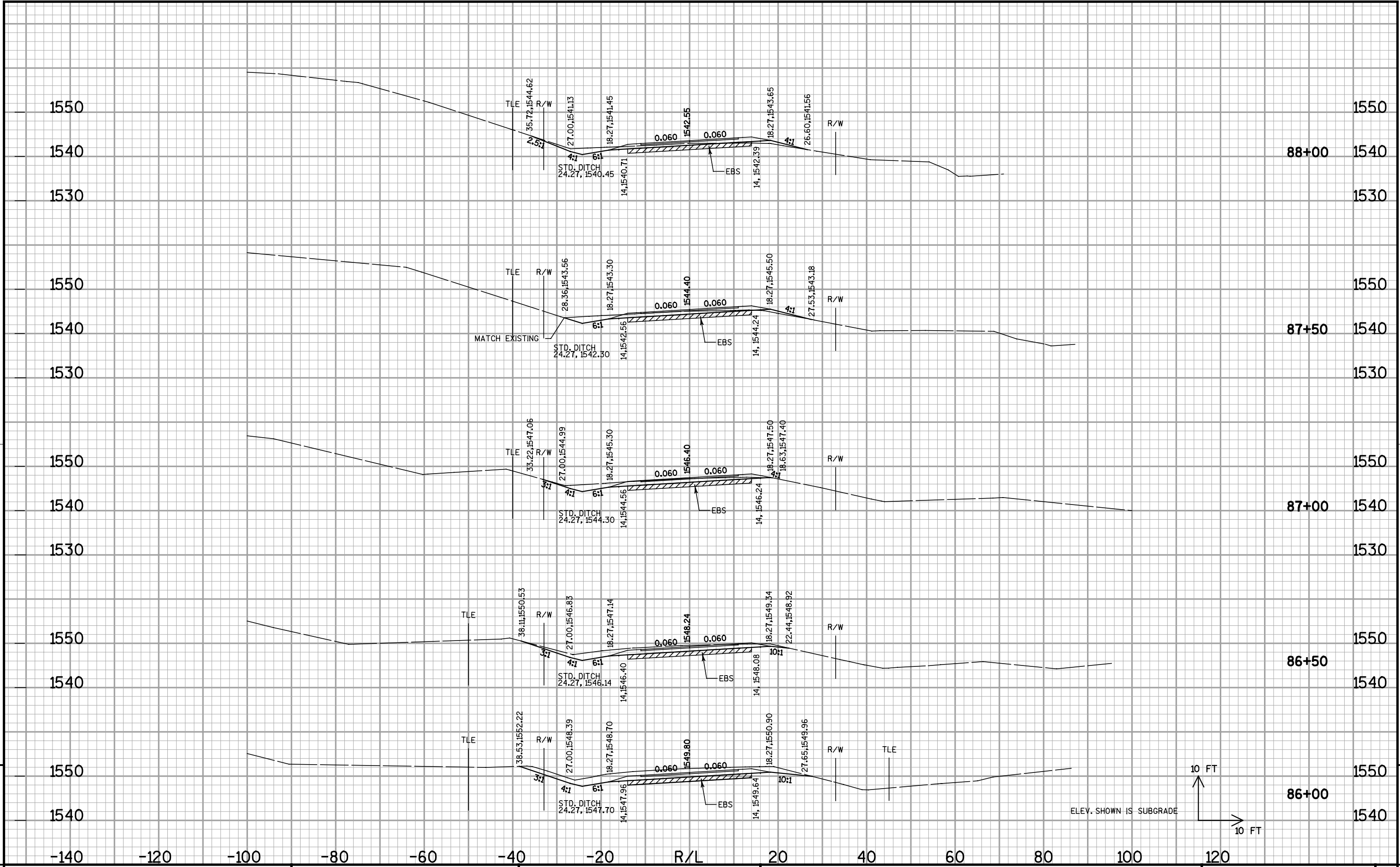
PROJECT NO:9405-04-70 HWY: CTH A COUNTY: LINCOLN CROSS SECTIONS : STA. 81+50 - STA. 83+50 SHEET: E



9 1550 1540 1550 1540 1550 1540 1550 1540 9

-140 -120 -100 -80 -60 -40 -20 R/L 20 40 60 80 100 120

PROJECT NO:9405-04-70 HWY: CTH A COUNTY: LINCOLN CROSS SECTIONS : STA. 84+00 - STA. 85+50 SHEET: E

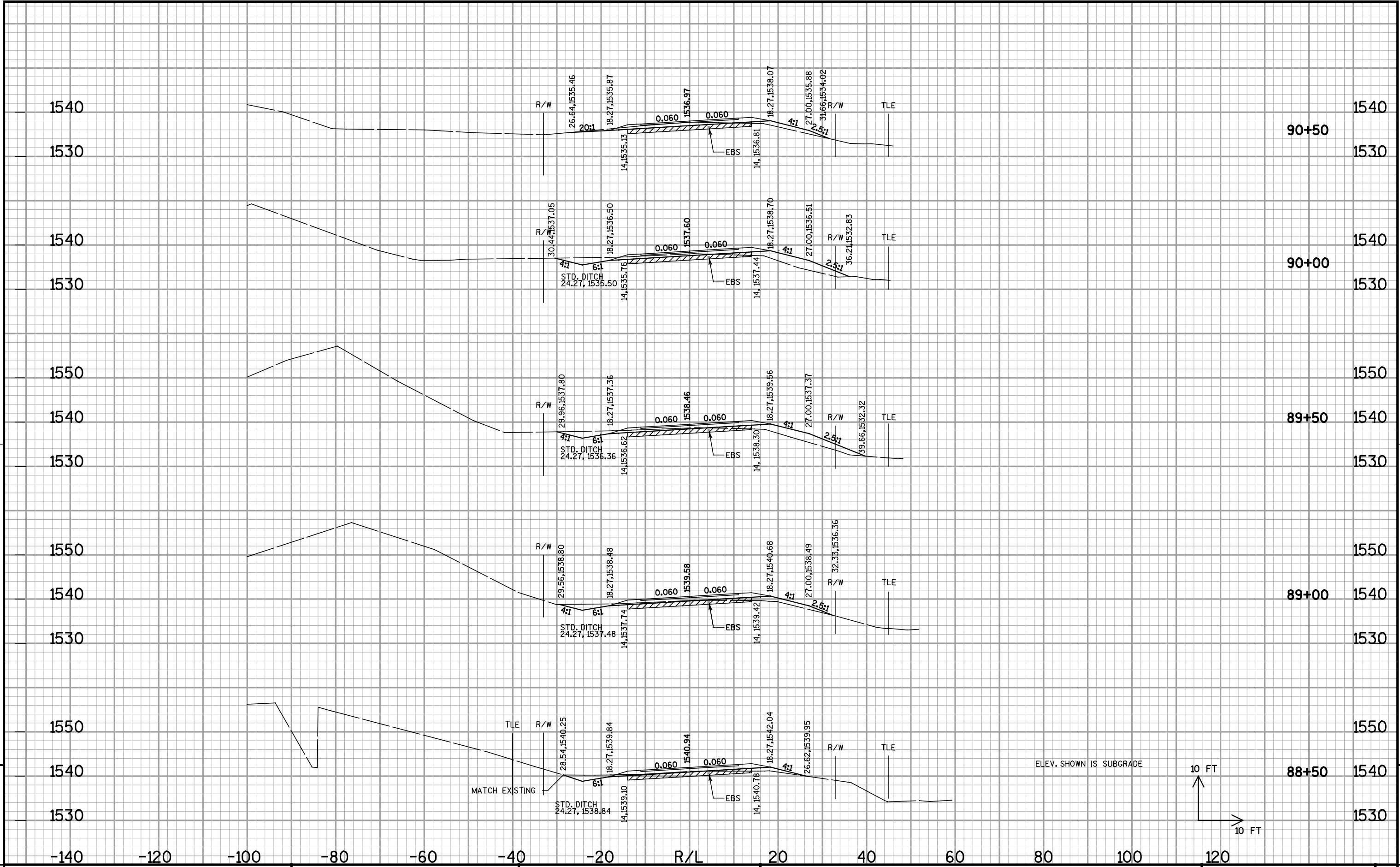


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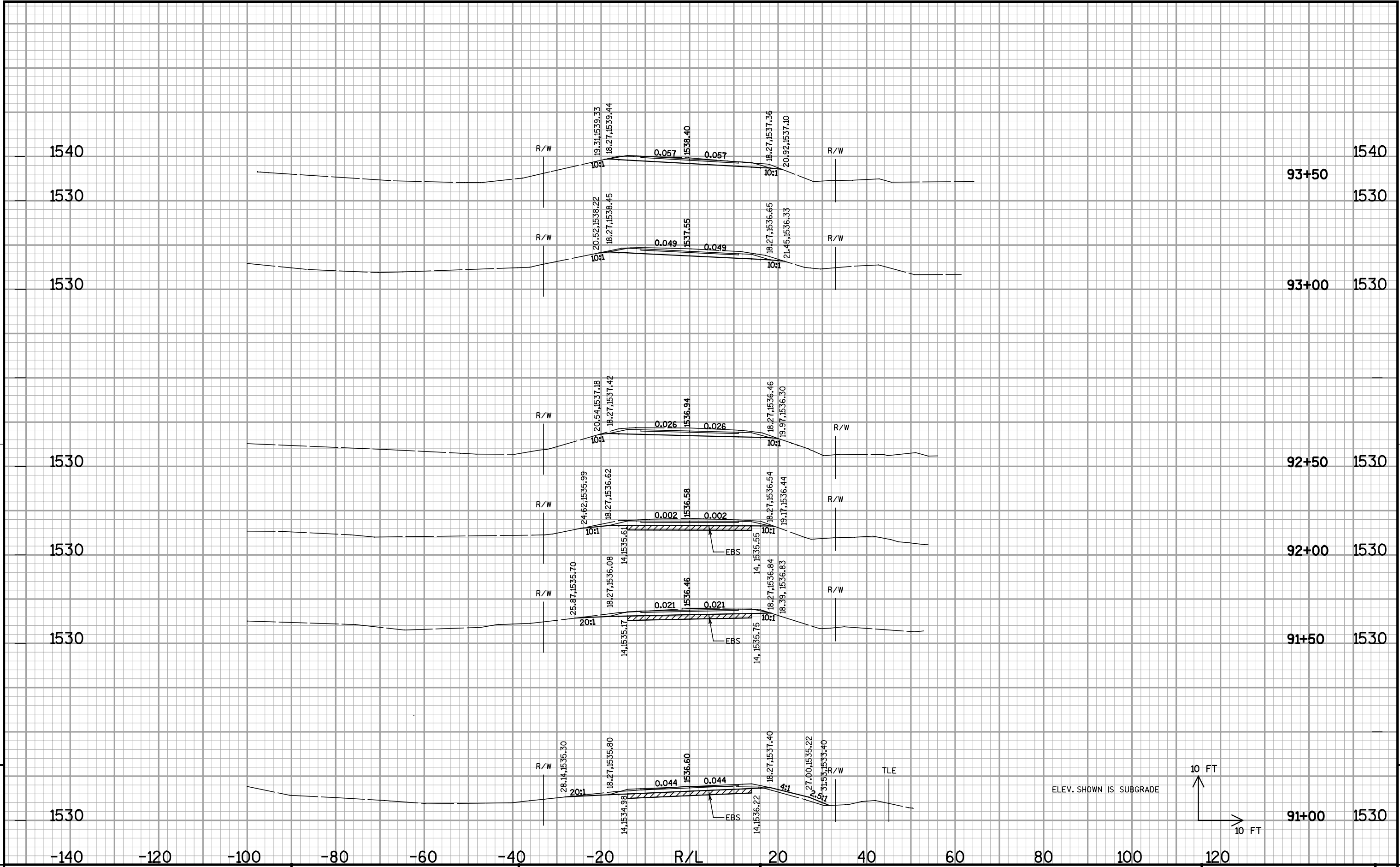
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PROJECT NO:9405-04-70 HWY: CTH A COUNTY: LINCOLN CROSS SECTIONS : STA. 86+00 - STA. 88+00 SHEET: E

FILE NAME : X:\12065-10\05001\TECH\deslgn\calce\LINA\XSECT040108.dgn PLOT DATE : 4/24/2008 PLOT BY : 1048jaj PLOT NAME : PLOT SCALE : 2.0000 sf / in. WISDOT/CADD SHEET 21



PROJECT NO: 9405-04-70 HWY: CTH A COUNTY: LINCOLN CROSS SECTIONS : STA. 88+50 - STA. 90+50 SHEET: 9

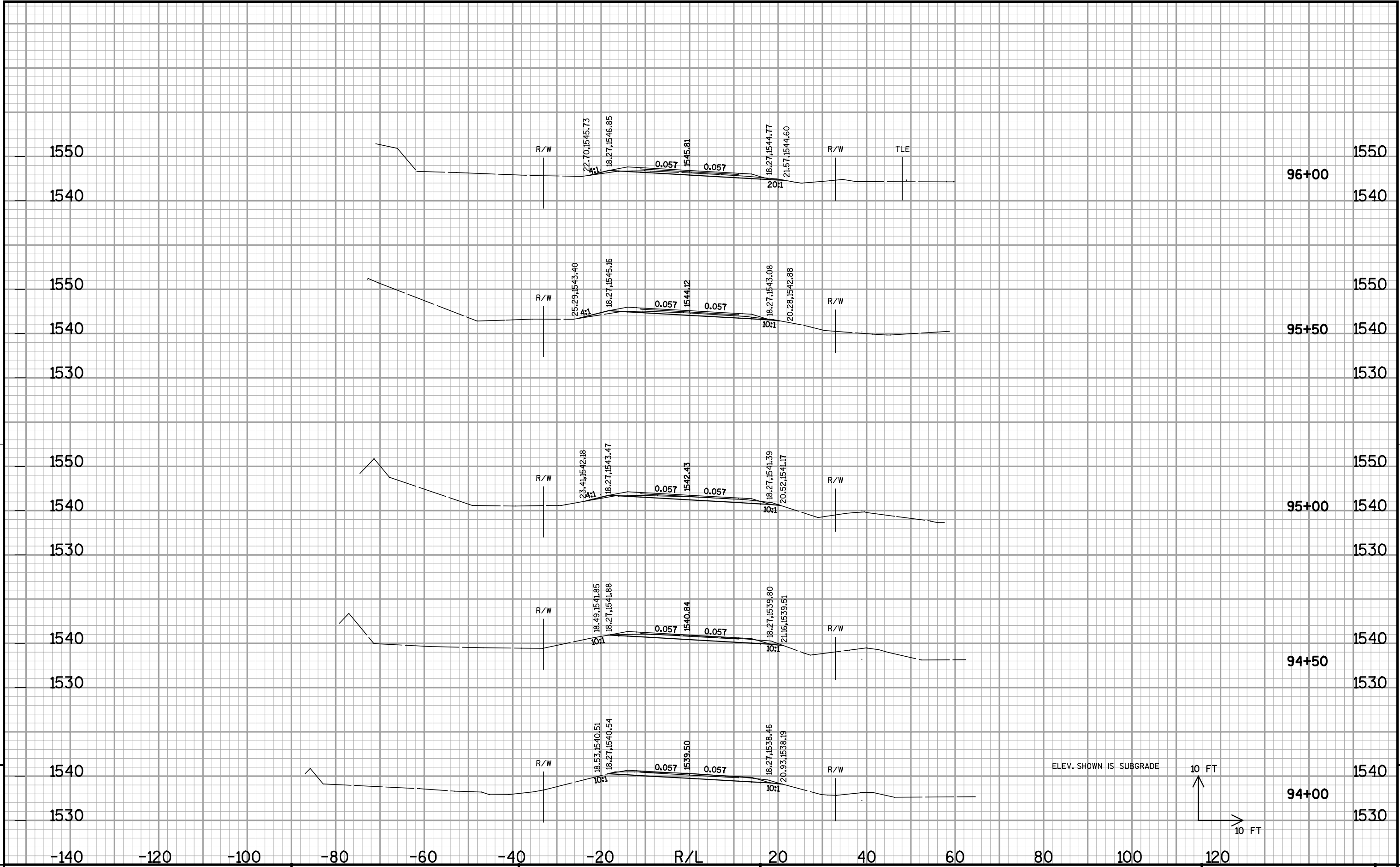


9

9

PROJECT NO:9405-04-70 HWY: CTH A COUNTY: LINCOLN CROSS SECTIONS : STA. 91+00 - STA. 93+50 SHEET: E

FILE NAME : X:\2065-10\05001\TECH\des\gn+c\c\ce+LINA+XSECT040108.dgn PLOT DATE : 4/24/2008 PLOT BY : 1048jqj PLOT NAME : PLOT SCALE : 2.0000 sf / in. WISDOT/CADD SHEET 21



PROJECT NO:9405-04-70 HWY: CTH A COUNTY: LINCOLN CROSS SECTIONS : STA. 94+00- STA. 96+00 SHEET: E

1550

1540

1550

1540

98+00

1550

1540

1550

1540

97+50

1550

1540

1550

1540

97+00

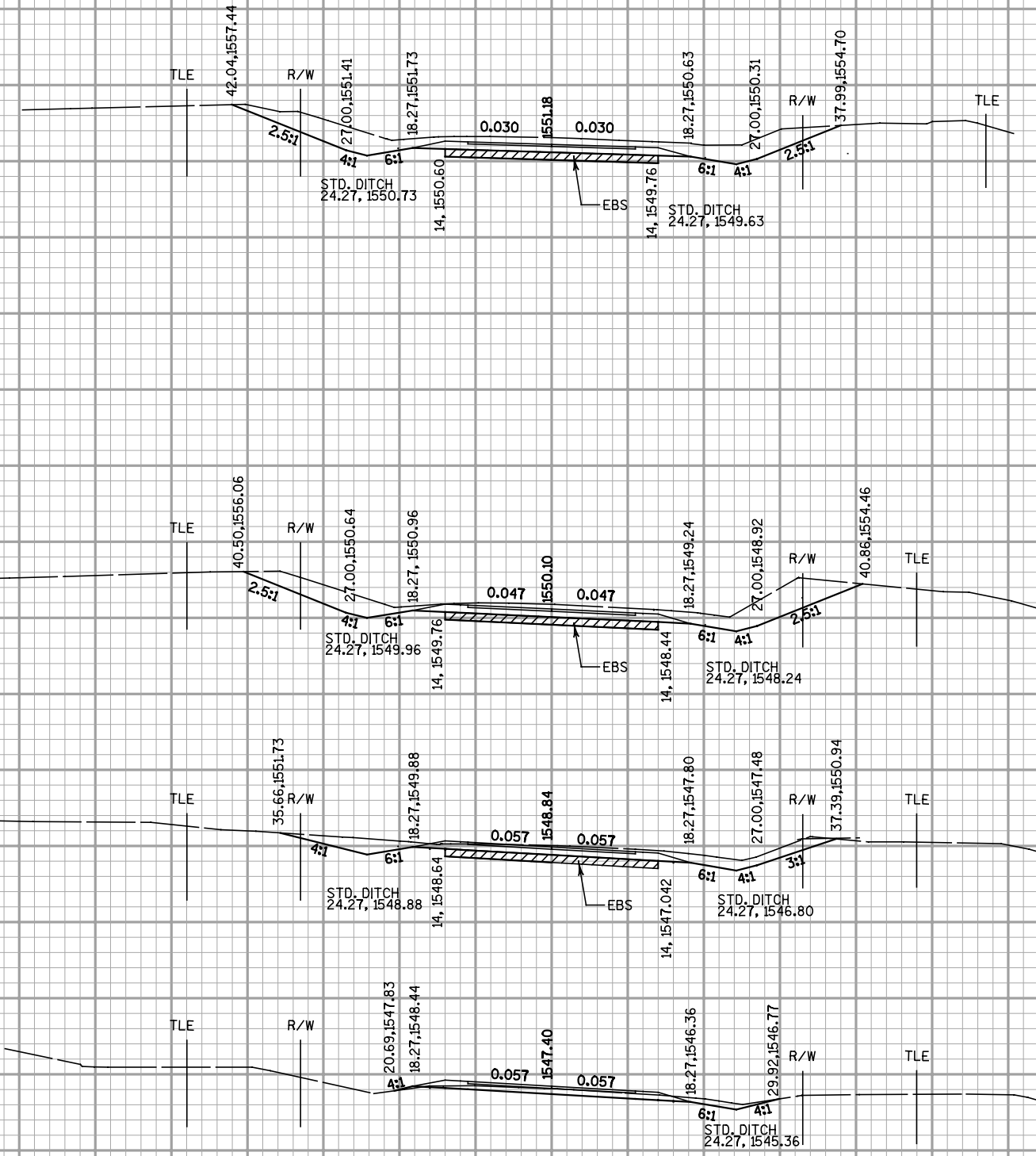
1550

1540

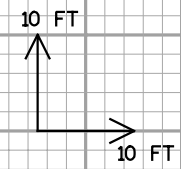
1550

1540

96+50

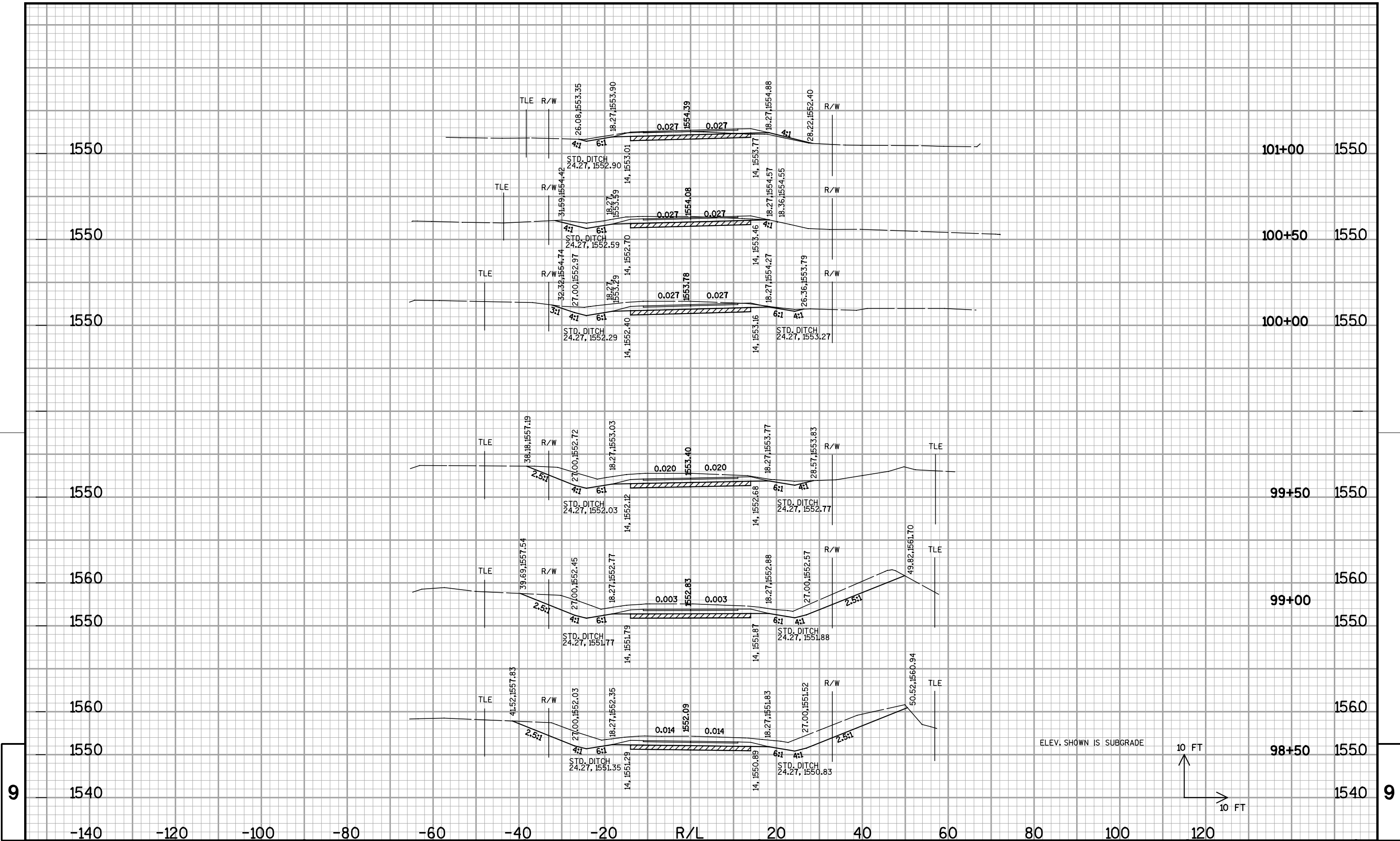


ELEV. SHOWN IS SUBGRADE



9

9



PROJECT NO:9405-04-70

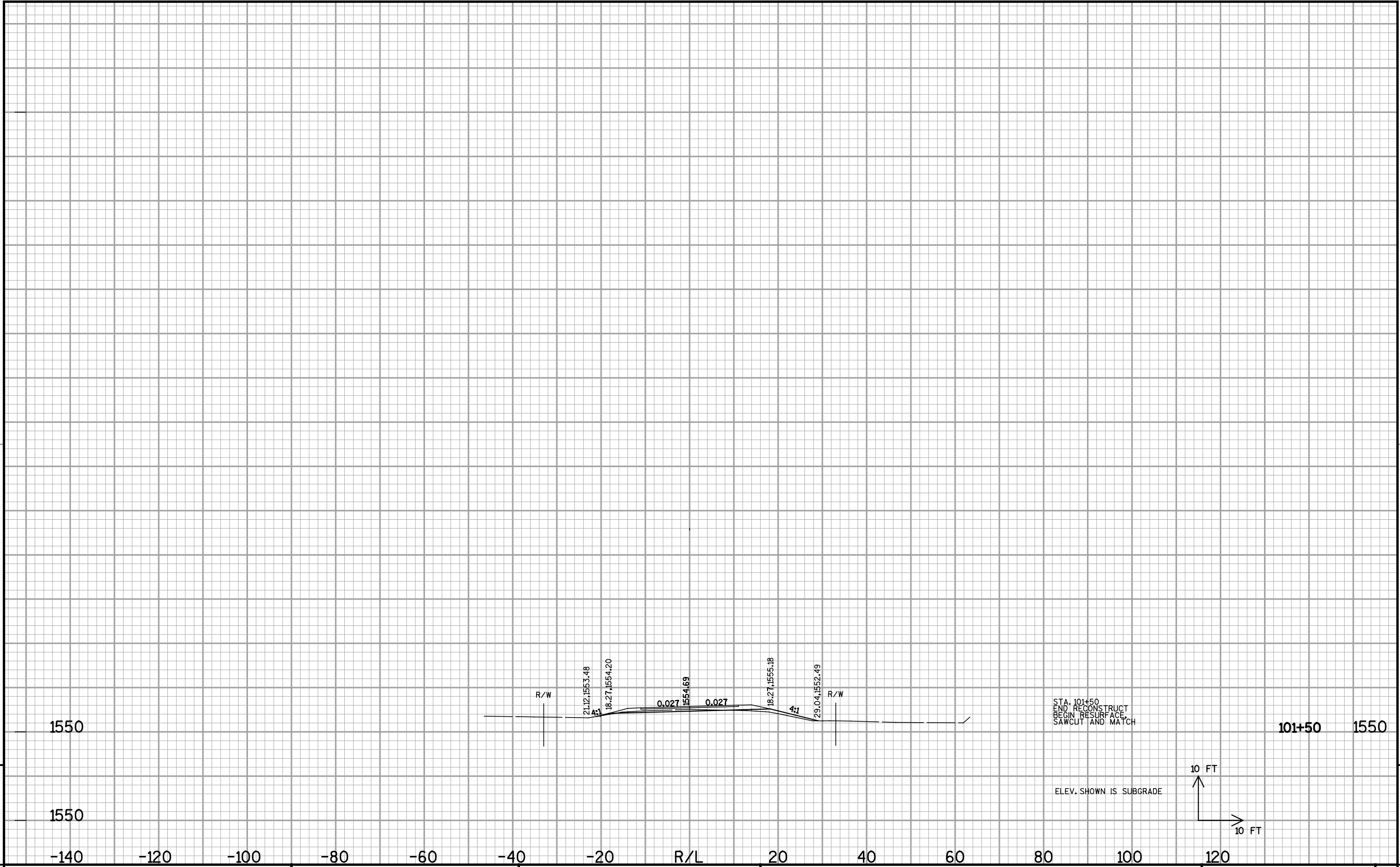
HWY: CTH A

COUNTY: LINCOLN

CROSS SECTIONS : STA. 98+50 - STA. 101+00

SHEET:

E



1550

1550

-140

-120

-100

-80

-60

-40

-20

R/L

20

40

60

80

100

120

101+50

1550

9

9

PROJECT NO:9405-04-70

HWY: CTH A

COUNTY:LINCOLN

CROSS SECTIONS : STA. 101+50

SHEET:

E

FILE NAME : X:\12065-10\05001\TECH\design\cd\ce\LINA\XSECT040108.dgn

PLOT DATE : 4/24/2008

PLOT BY : 1048jqj

PLOT NAME :

PLOT SCALE : 2.0000 sf / in.

WISDOT/CADD SHEET 21

CONSTRUCT BASE AGGREGATE PE LT.
MATCH 43' LT.
1 - 18 INCH CP CORR POLY REQ'D.
2 - AEW FOR CP STEEL, 18 INCH REQ'D.

CONSTRUCT BASE AGGREGATE PE RT.
MATCH 33' RT.
1 - 18 INCH CP CORR POLY REQ'D.
2 - AEW FOR CP STEEL, 18 INCH REQ'D.

