

PLAN	SURVEYED	DATE
NOTE BOOK	PLOTTED	BY
NO.	ALIGNMENT	
	CHECKED	
	FILE NAME	
	FILE NAME	

PROFILE	SURVEYED	DATE
NOTE BOOK	PLOTTED	BY
NO.	GRADES	
	CHECKED	
	STRUCTURE	
	NOTATIONS	
	CHKD	

HRG PROJECT NO.: 160444
 HRG PROJ. CONTACT: 160444-srt-sum.dgn
 FILE NUMBER: 160444-srt-sum.dgn
 PEN TABLE: 160444-srt-sum.dgn

CODE NO.	ITEM	UNIT	TOTAL QUANTITY	ROADWAY HSIP 90% FED 10% TWP 0005
20100110	TREE REMOVAL (6 TO 15 UNITS DIAMETER)	UNIT	148	148
20100210	TREE REMOVAL (OVER 15 UNITS DIAMETER)	UNIT	396	396
20200100	EARTH EXCAVATION	CU YD	9,627	9,627
21101505	TOPSOIL EXCAVATION AND PLACEMENT	CU YD	2,327	2,327
+ 25000210	SEEDING, CLASS 2A	ACRE	3.50	3.50
+ 25000400	NITROGEN FERTILIZER NUTRIENT	POUND	315	315
+ 25000600	POTASSIUM FERTILIZER NUTRIENT	POUND	315	315
28000250	TEMPORARY EROSION CONTROL SEEDING	POUND	329	329
28000305	TEMPORARY DITCH CHECKS	FOOT	450	450
28000400	PERIMETER EROSION BARRIER	FOOT	397	397
* 30300001	AGGREGATE SUBGRADE IMPROVEMENT	CU YD	100	100
* 30300112	AGGREGATE SUBGRADE IMPROVEMENT 12"	SO YD	12,803	12,803
40600275	BITUMINOUS MATERIALS (PRIME COAT)	POUND	24,461	24,461
40600290	BITUMINOUS MATERIALS (TACK COAT)	POUND	2,447	2,447
40603080	HOT-MIX ASPHALT BINDER COURSE, IL-19.0, N50	TON	1,563	1,563
40604060	HOT-MIX ASPHALT SURFACE COURSE, IL-9.5, MIX "D", N50	TON	1,247	1,247
44000100	PAVEMENT REMOVAL	SO YD	10,872	10,872
44000200	DRIVEWAY PAVEMENT REMOVAL	SO YD	763	763
48101200	AGGREGATE SHOULDERS, TYPE B	TON	651	651
48203015	HOT-MIX ASPHALT SHOULDERS, 4 1/2"	SO YD	943	943
52200800	SEGMENTAL CONCRETE BLOCK WALL	SO FT	4,083	4,083
542C5470	PIPE CULVERTS, CLASS C, TYPE 1 EQUIVALENT ROUND-SIZE 15"	FOOT	103	103
60603800	COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.12	FOOT	2,138	2,138
67100100	MOBILIZATION	L SUM	1	1
70300100	SHORT TERM PAVEMENT MARKING	FOOT	2,626	2,626
+ 72000100	SIGN PANEL - TYPE 1	SO FT	126	126
+ 72400710	RELOCATE SIGN PANEL - TYPE 1	SO FT	90	90
+ 72800100	TELESCOPING STEEL SIGN SUPPORT	FOOT	266	266
+ X0324915	RELOCATE LIGHTING UNITS AND POLES	EACH	1	1
* + X2511630	EROSION CONTROL BLANKET (SPECIAL)	SO YD	15,915	15,915
* X4021000	TEMPORARY ACCESS (PRIVATE ENTRANCE)	EACH	10	10
* X4023000	TEMPORARY ACCESS (ROAD)	EACH	1	1
* X7010216	TRAFFIC CONTROL AND PROTECTION, (SPECIAL)	L SUM	1	1

CODE NO.	ITEM	UNIT	TOTAL QUANTITY	ROADWAY HSIP 90% FED 10% TWP 0005
* Z0004510	HOT-MIX ASPHALT DRIVEWAY PAVEMENT, 3"	SO YD	876	876
* Z0013798	CONSTRUCTION LAYOUT	L SUM	1	1
* + Z0022800	FENCE REMOVAL	FOOT	1,225	1,225
* Z0030850	TEMPORARY INFORMATION SIGNING	SO FT	156	156
+ XX009335	STEEL-BACKED TIMBER GUARDRAIL	FOOT	421	421
+ XX009336	STEEL-BACKED TIMBER, TL-2 END TERMINAL	EACH	4	4

* SPECIAL PROVISION
 + SPECIALTY ITEM



USER NAME = bhartma	DESIGNED - BH	REVISED - 2/24/2020
PLLOT SCALE =	DRAWN - DMS	REVISED -
PLLOT DATE = 2/24/2020	CHECKED - AC	REVISED -
	DATE - 8/25/2019	REVISED -

STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

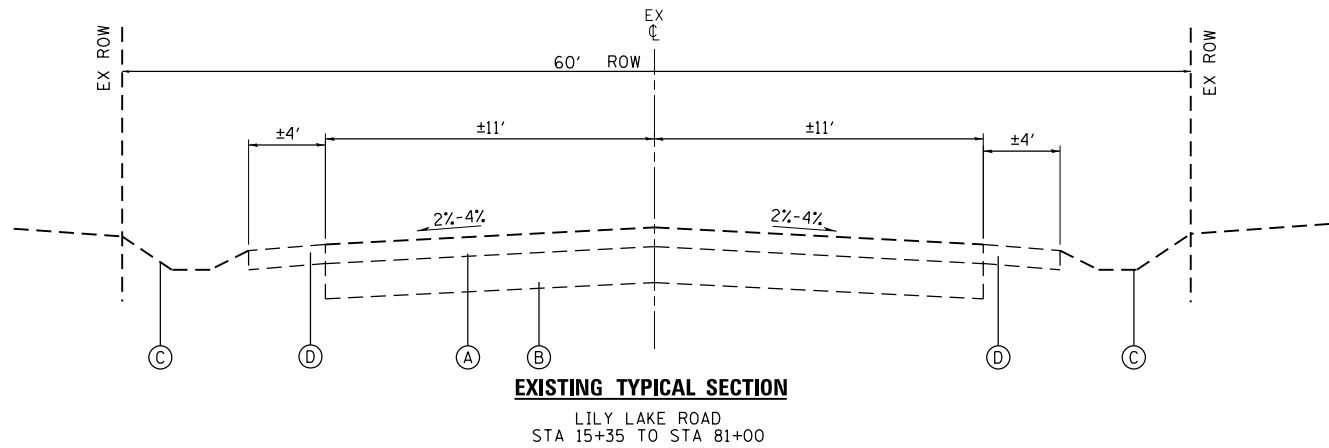
SUMMARY OF QUANTITIES
 LILY LAKE ROAD

SCALE: N.T.S. SHEET NO. 1 OF 1 SHEETS STA. TO STA.

F.A.U. RTE.	SECTION NO.	COUNTY	TOTAL SHEETS	SHEET NO.
3858	17-14172-01-5P	MCHENRY	51	4
FED. ROAD DIST. NO.			ILLINOIS FED. AID PROJECT	
			CONTRACT NO. 61F99	

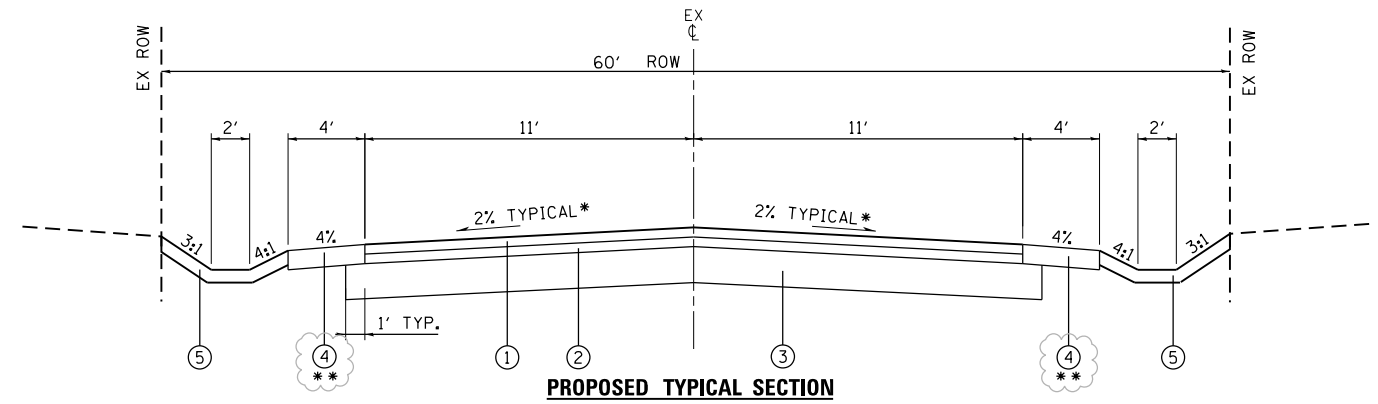
DATE	
BY	
PLAN	SURVEYED
	PLOTTED
	ALIGNED
	CHECKED
	DESIGNED
	FILED
	NO. _____
	DATE _____

DATE	
BY	
PROFILE	SURVEYED
	PLOTTED
	GRADES CHECKED
	STRUCTURE NOTATIONS CHECKED
	NO. _____
	DATE _____



EXISTING TYPICAL SECTION

LILY LAKE ROAD
STA 15+35 TO STA 81+00

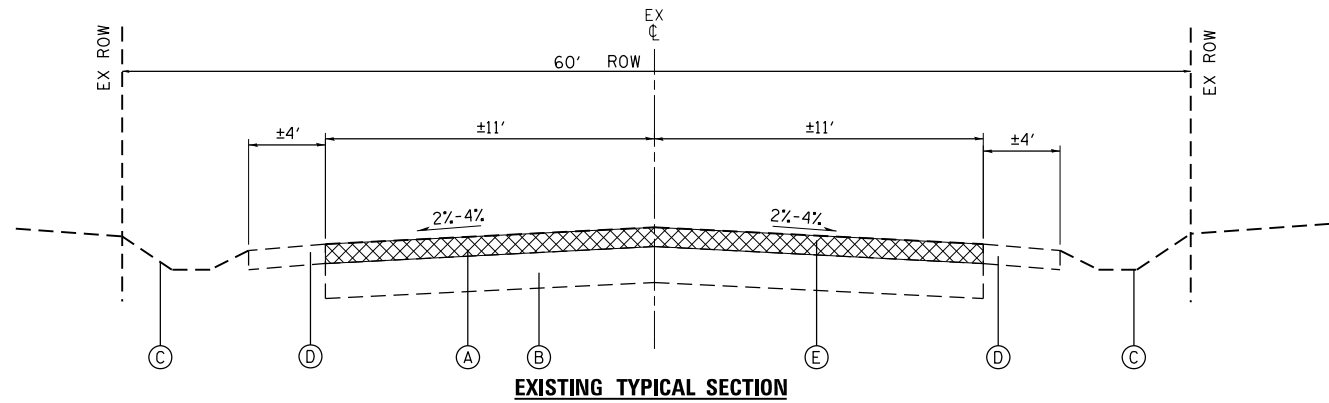


PROPOSED TYPICAL SECTION

LILY LAKE ROAD
STA 15+35 TO STA 21+00
STA 22+74.15 TO STA 31+35.17
STA 36+00 TO STA 39+19.51
STA 50+00 TO STA 63+80
STA 67+80 TO STA 81+00

** HMA SHOULDERS AND COMB CONC CURB & GUTTER TY B-6.12 AT VARIOUS LOCATIONS, SEE PLAN SHEETS FOR LOCATIONS

* FOR SUPERELEVATION LOCATIONS AND DETAILS SEE "SUPERELEVATION TRANSITION" TABLE



EXISTING TYPICAL SECTION

LILY LAKE ROAD
STA 15+35 TO STA 21+00
STA 22+74.15 TO STA 31+35.17
STA 36+00 TO STA 39+19.51
STA 50+00 TO STA 63+80
STA 67+80 TO STA 81+00

EXISTING LEGEND

- (A) EXISTING HOT-MIX ASPHALT PAVEMENT, 9"-12"
- (B) EXISTING AGGREGATE BASE COURSE, 6"-12"
- (C) EXISTING GROUND
- (D) EXISTING AGGREGATE SHOULDER
- (E) PAVEMENT REMOVAL

PROPOSED LEGEND

- (1) HOT-MIX ASPHALT SURFACE COURSE, MIX "D", IL-9.5, N50; 2"
- (2) HOT-MIX ASPHALT BINDER COURSE, IL-19.0, N50; 2-1/2"
- (3) AGGREGATE SUBGRADE IMPROVEMENT, 12"
- (4) AGGREGATE SHOULDER, TYPE B (CM-6 CRUSHED RECYCLED ASPHALT)
- (5) TOPSOIL, 4 INCH SEEDING, CLASS 2A

HOT-MIX ASPHALT MIXTURE REQUIREMENTS	
MIXTURE TYPE	AIR VOIDS @ Ndes
PAVEMENT RECONSTRUCTION	
HMA SURFACE COURSE, MIX "D", IL-9.5, N50	4% @ 50 GYR.
HMA BINDER COURSE, IL-19, N50	4% @ 50 GYR.
HMA DRIVEWAY PAVEMENT, 3"	
HMA SURFACE COURSE, MIX "D", N50; (IL-9.5mm); 3" (IN 2 LIFTS)	4% @ 50 GYR.
HMA SHOULDERS, 4 1/2"	
HMA SURFACE COURSE, MIX "D", IL-9.5, N50; 2"	4% @ 50 GYR.
HMA BINDER COURSE, IL-19, N50; 2-1/2"	4% @ 50 GYR.

THE UNIT WEIGHT TO CALCULATE ALL HMA SURFACE MIXTURE QUANTITIES IS 112 LBS/SQ YD/IN

THE "AC TYPE" FOR POLYMERIZED HMA MIXES SHALL BE "SBS/SBR PG 76-22" AND FOR NON-POLYMERIZED HMA THE "AC TYPE" SHALL BE "PG 64-22" UNLESS MODIFIED BY DISTRICT ONE SPECIAL PROVISIONS. FOR USE OF RECYCLED MATERIALS SEE SPECIAL PROVISIONS.

SUPERELEVATION TRANSITIONS							
STATION	SHLD WIDTH	ELEVATIONS AT LOCATIONS					SHLD WIDTH
		A	B	C	D	E	
NORMAL CROWN							
15+35.00	4	768.20	768.28	768.50	768.28	768.20	4
16+88.17	4	767.60	767.68	767.90	767.68	767.60	4
18+58.17	4	763.34	763.06	762.29	761.52	761.24	4
FULL SUPER							
19+30.49	4	759.75	759.47	758.70	757.93	757.65	4
21+00.49	4	752.50	752.58	752.80	752.58	752.50	4
NORMAL CROWN							
22+96.45	4	751.31	751.39	751.61	751.39	751.31	4
23+81.45	4	753.62	753.72	753.99	754.27	754.37	4
FULL SUPER							
29+00.64	4	759.14	759.24	759.51	759.79	759.89	4
29+85.64	4	758.13	758.21	758.43	758.21	758.13	4
NORMAL CROWN							
50+18.67	4	750.29	750.37	750.59	750.37	750.29	4
51+41.67	4	755.36	755.54	756.03	756.53	756.71	4
FULL SUPER							
53+21.74	4	761.24	761.42	761.91	762.41	762.59	4
54+15.93	4	761.71	761.81	762.08	762.36	762.46	4
55+00.93	4	762.15	762.25	762.52	762.80	762.90	4
FULL SUPER							
59+04.02	4	772.63	772.73	773.00	773.28	773.38	4
59+69.85	4	775.73	775.81	776.03	775.81	775.73	4
NORMAL CROWN							
61+21.85	4	781.74	781.50	780.84	780.18	779.94	4
FULL SUPER							
62+25.64	4	780.19	780.43	781.09	780.43	780.19	4
63+77.64	4	777.71	777.79	778.01	777.79	777.71	4
NORMAL CROWN							
69+67.69	4	781.53	781.61	781.83	781.61	781.53	4
70+90.69	4	782.52	782.34	781.84	781.35	781.17	4
FULL SUPER							
72+66.93	4	775.38	775.56	776.05	775.56	775.38	4
73+89.93	4	769.47	769.55	769.77	769.55	769.47	4
NORMAL CROWN							
74+72.18	4	766.86	766.94	767.16	766.61	766.41	4
76+05.18	4	764.57	764.77	765.32	765.87	766.07	4
FULL SUPER							
79+31.20	4	765.27	765.47	766.02	766.57	766.77	4
80+64.20	4	765.61	765.69	765.91	765.69	765.61	4
NORMAL CROWN							

HRG PROJECT NO.: 160444
HRG PROJ. CONTACT: 160444-srt-1-tp-01.dgn
FILE NUMBER: 160444-160444-160444-160444
PEN TABLE: 160444-160444-160444-160444



USER NAME = bharto	DESIGNED - BH	REVISED - 2/24/2020
	DRAWN - DMS	REVISED -
PLOT SCALE =	CHECKED - AC	REVISED -
PLOT DATE = 2/24/2020	DATE - 8/25/2019	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**EXISTING & PROPOSED TYPICAL SECTIONS
LILY LAKE ROAD**

SCALE: N.T.S. SHEET NO. 1 OF 1 SHEETS STA. TO STA.

F.A.U. RTE.	SECTION NO.	COUNTY	TOTAL SHEETS	SHEET NO.
3858	17-14172-01-SP	MCHENRY	51	5
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT	CONTRACT NO. 61F99	

PLAN	SURVEYED	DATE
NOTE BOOK NO.	GRADES CHECKED	BY
	ALIGNED	
	FILE NAME	
	FILE NAME	

PROFILE	SURVEYED	DATE
NOTE BOOK NO.	GRADES CHECKED	BY
	STRUCTURE	
	NOT AT THIS OFFICE	

HRG PROJECT NO.: 160444
 HRG PROJ. CONTACT: 160444-srt-sch.dgn
 FILE NAME: 160444-srt-sch.dgn
 PEN TABLE: 160444.tbl

EARTHWORK TABLE					
LOCATION		EARTH EXCAVATION (CU YD)	FILL (CU YD)	EARTHWORK BALANCE WASTE (+) SHORTAGE (-) (15% SHRINKAGE) (CU YD)	TOPSOIL EXC STRIP DEPTH = VAR 6" (CU YD)
FROM STA	TO STA				
15+50	16+00	57.3	4.4	44.4	15.0
16+00	16+50	157.1	0.4	133.2	23.1
16+50	17+00	310.9	1.5	262.8	26.5
17+00	17+50	431.3	2.9	363.7	24.8
17+50	18+00	428.1	1.9	362.0	21.9
18+00	18+50	311.1	0.4	264.1	23.4
18+50	19+00	167.8	3.5	139.1	24.3
19+00	19+50	59.0	15.4	34.8	19.5
19+50	20+00	7.1	22.5	-16.4	15.3
20+00	20+50	11.1	29.4	-20.0	13.0
20+50	21+00	15.3	23.4	-10.4	8.4
21+00	23+00	67.0	35.2	21.8	42.6
23+00	23+50	88.1	4.3	70.6	19.2
23+50	24+00	142.7	0.2	121.1	22.9
24+00	24+50	99.0	0.5	83.7	21.0
24+50	25+00	47.7	6.4	34.1	18.1
25+00	25+50	23.1	15.3	4.3	18.7
25+50	26+00	13.8	25.2	-13.5	14.5
26+00	26+50	9.6	25.8	-17.6	10.9
26+50	27+00	9.0	14.9	-7.3	11.1
27+00	27+50	50.8	6.6	36.6	18.1
27+50	28+00	103.8	1.6	86.7	26.3
28+00	28+50	163.1	0.0	138.6	26.9
28+50	29+00	270.2	0.1	229.6	27.3
29+00	29+50	330.2	0.1	280.6	26.9
29+50	30+00	296.3	0.0	251.9	24.6
30+00	30+50	181.9	1.0	153.6	20.8
30+50	31+00	55.2	17.6	29.3	16.9
31+00	36+00	304.6	186.1	72.8	177.8
36+00	36+50	101.4	2.1	84.1	21.4
36+50	37+00	153.0	0.1	129.9	21.6
37+00	37+50	147.4	0.1	125.2	22.4
37+50	38+00	111.5	0.2	94.6	21.9
38+00	38+50	57.0	4.5	43.9	16.1
38+50	39+00	19.9	11.5	5.4	8.9
39+00	50+00	407.4	234.3	112.0	287.2
50+00	50+50	32.2	10.7	16.6	20.1
50+50	51+00	44.9	11.4	26.8	20.2
51+00	51+50	66.4	5.6	50.8	22.1
51+50	51+94	171.3	2.4	143.1	20.5
51+94	52+00	39.1	0.3	32.9	2.7
52+00	52+50	472.9	2.8	399.2	26.9
52+50	53+00	616.7	2.8	521.4	30.4
53+00	53+10	119.7	0.6	101.2	5.9
53+10	53+50	370.7	2.2	312.9	24.0
53+50	54+00	242.7	2.9	203.4	27.3
54+00	54+50	69.4	9.4	49.6	23.4
54+50	55+00	12.8	19.3	-8.4	21.8
55+00	55+50	11.8	24.9	-14.9	25.3
55+50	56+00	21.1	23.4	-5.5	22.0

EARTHWORK TABLE					
LOCATION		EARTH EXCAVATION (CU YD)	FILL (CU YD)	EARTHWORK BALANCE WASTE (+) SHORTAGE (-) (15% SHRINKAGE) (CU YD)	TOPSOIL EXC STRIP DEPTH = VAR 6" (CU YD)
FROM STA	TO STA				
56+00	56+20	12.0	6.8	3.4	7.1
56+20	56+50	13.4	13.3	-1.9	13.1
56+50	57+00	7.8	22.6	-16.0	21.4
57+00	57+50	6.7	15.3	-9.6	14.3
57+50	58+00	9.8	21.7	-13.3	13.4
58+00	58+50	4.5	38.1	-34.2	22.6
58+50	59+00	0.6	50.6	-50.2	19.9
59+00	59+50	0.0	63.8	-63.8	14.8
59+50	60+00	0.0	64.4	-64.4	14.5
60+00	60+50	18.1	28.3	-13.0	19.2
60+50	61+00	81.3	1.4	67.7	21.9
61+00	61+25	73.1	0.0	62.1	9.8
61+25	61+50	74.1	0.0	63.0	12.1
61+50	62+00	85.6	2.5	70.2	25.3
62+00	62+50	20.7	15.6	2.1	18.5
62+50	62+90	1.0	19.6	-18.7	12.1
62+90	63+00	0.2	4.4	-4.2	2.3
63+00	63+50	4.2	15.4	-11.8	5.5
63+50	68+00	88.3	99.2	-24.1	40.8
68+00	68+50	27.4	7.2	16.1	15.5
68+50	69+00	85.5	1.0	71.6	27.8
69+00	69+50	113.0	0.2	95.8	28.2
69+50	70+00	59.7	4.4	46.3	23.2
70+00	70+40	18.9	12.8	3.2	16.9
70+40	70+50	5.0	4.4	-0.1	4.5
70+50	71+00	42.4	10.3	25.8	23.1
71+00	71+50	172.4	2.9	143.7	26.1
71+50	72+00	233.9	5.6	193.3	27.0
72+00	72+50	136.2	8.3	107.4	26.1
72+50	73+00	103.9	13.8	74.5	25.5
73+00	73+50	69.6	12.1	47.1	24.9
73+50	74+00	14.4	7.8	4.4	20.9
74+00	74+50	11.2	7.1	2.4	17.9
74+50	75+00	34.4	5.9	23.3	21.4
75+00	75+50	37.8	10.1	22.0	19.1
75+50	76+00	16.9	21.6	-7.3	15.4
76+00	76+50	19.4	21.7	-5.1	13.0
76+50	76+75	16.7	5.1	9.1	8.2
76+75	77+00	18.9	4.5	11.6	10.3
77+00	77+50	23.0	20.1	-0.6	17.5
77+50	78+00	16.3	45.6	-31.7	21.3
78+00	78+50	24.2	61.2	-40.7	26.2
78+50	78+75	15.0	22.4	-9.7	12.9
78+75	79+00	23.0	8.5	11.1	10.8
79+00	79+50	87.8	2.0	72.6	22.5
79+50	80+00	107.5	0.5	90.9	25.6
80+00	80+50	65.8	1.4	54.6	21.9
80+50	81+00	23.7	7.4	12.7	12.4
SUB-TOTAL		9626.5	1636.5	6546.0	2326.8

ENTRANCES								
LOCATION		DESCRIPTION	WIDTH	PAVEMENT TYPE		HMA DVWY PVT (SQ YD)	DVWY CULVERTS	
STA	SIDE			EXIST	PROP		P	CUL
51+92	RT	PE	16	HMA	HMA	256		
53+08	RT	PE	12	HMA	HMA	146		
56+19	RT	PE	33	HMA	HMA	44		
61+22	RT	PE	33	HMA	HMA	76		
61+24	LT	PE	22	HMA	HMA	58		
61+90	LT	PE	24	HMA	HMA	51		
62+89	RT	PE	18	HMA	HMA	34		
70+40	LT	PE	24	HMA	HMA	54		
76+80	RT	PE	33	HMA	HMA	67		
78+76	LT	PE	38	HMA	HMA	90		55
SUB-TOTAL						876		55



USER NAME = bhartma
 DESIGNED - BH
 DRAWN - DMS
 CHECKED - AC
 DATE - 8/25/2019

REVISED - 2/24/2020
 REVISED -
 REVISED -
 REVISED -

STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

SCHEDULE OF QUANTITIES
 LILY LAKE ROAD

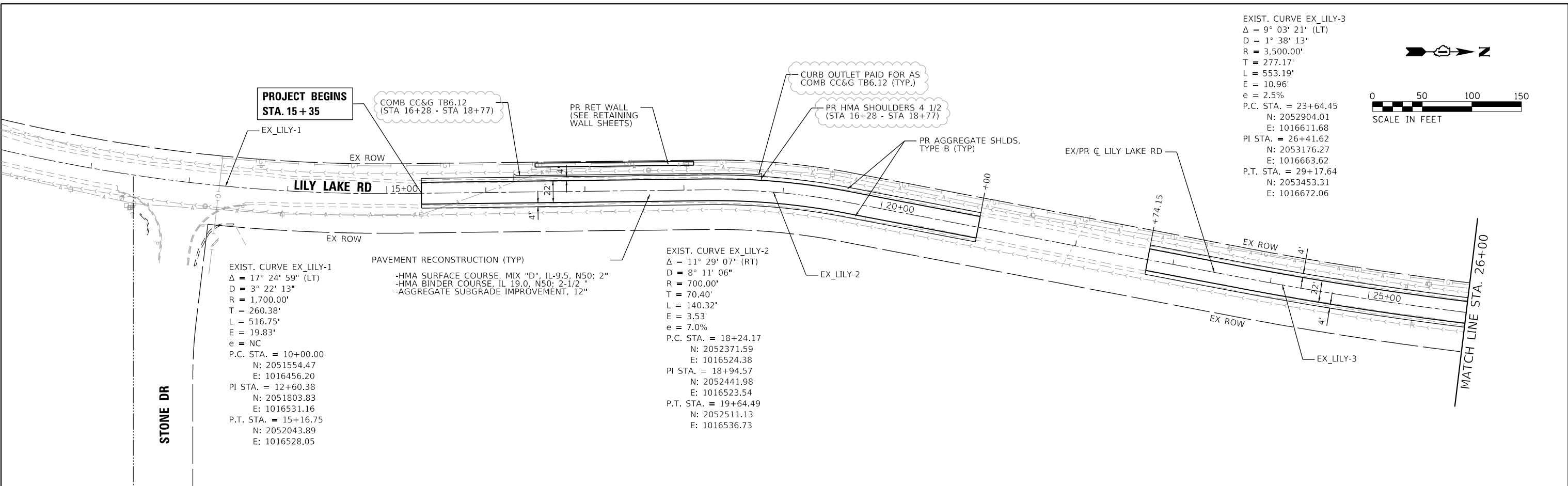
SCALE: N.T.S. SHEET NO. 1 OF 1 SHEETS STA. TO STA.

F.A.U. RTE.	SECTION NO.	COUNTY	TOTAL SHEETS	SHEET NO.
3858	17-14172-01-SP	MCHENRY	51	6
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT			CONTRACT NO. 61F99	

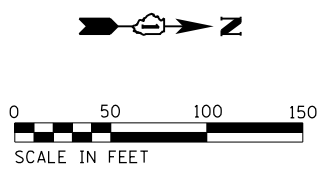
PLAN	SURVEYED	BY	DATE
	PLOTTED		
	ALIGNED		
	CHECKED		
	FILED		
	NO.		

PROFILE	SURVEYED	BY	DATE
	PLOTTED		
	GRADES CHECKED		
	STRUCTURE NOTATIONS CHECKED		
	NO.		

HRG PROJECT NO.: 160444
 HRG PROJ. CONTACT: 160444-srt-pjprf-01.dgn
 FILE NAME: 160444.ctb
 PEN TABLE: p01tbl.tbl



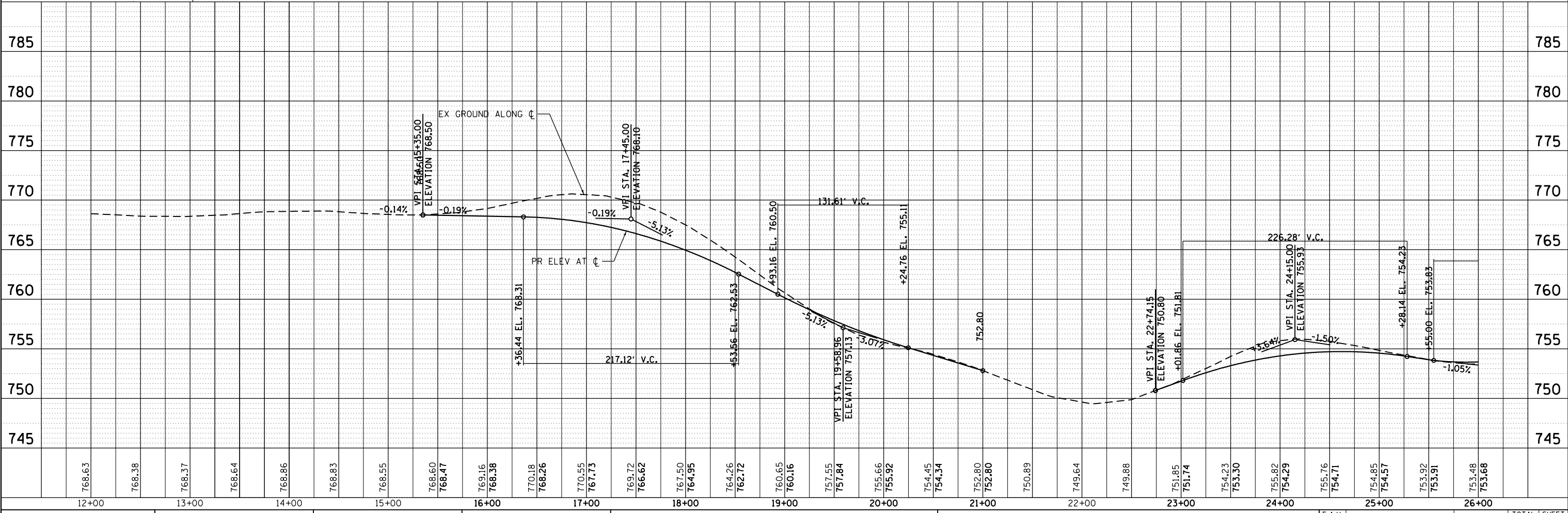
EXIST. CURVE EX_LILY-3
 $\Delta = 9^\circ 03' 21''$ (LT)
 $D = 1^\circ 38' 13''$
 $R = 3,500.00'$
 $T = 277.17'$
 $L = 553.19'$
 $E = 10.96'$
 $e = 2.5\%$
 P.C. STA. = 23+64.45
 N: 2052904.01
 E: 1016611.68
 PI STA. = 26+41.62
 N: 2053176.27
 E: 1016663.62
 P.T. STA. = 29+17.64
 N: 2053453.31
 E: 1016672.06



EXIST. CURVE EX_LILY-1
 $\Delta = 17^\circ 24' 59''$ (LT)
 $D = 3^\circ 22' 13''$
 $R = 1,700.00'$
 $T = 260.38'$
 $L = 516.75'$
 $E = 19.83'$
 $e = \text{NC}$
 P.C. STA. = 10+00.00
 N: 2051554.47
 E: 1016456.20
 PI STA. = 12+60.38
 N: 2051803.83
 E: 1016531.16
 P.T. STA. = 15+16.75
 N: 2052043.89
 E: 1016528.05

PAVEMENT RECONSTRUCTION (TYP)
 -HMA SURFACE COURSE, MIX "D", IL-9.5, N50; 2"
 -HMA BINDER COURSE, IL 19.0, N50; 2-1/2"
 -AGGREGATE SUBGRADE IMPROVEMENT, 12"

EXIST. CURVE EX_LILY-2
 $\Delta = 11^\circ 29' 07''$ (RT)
 $D = 8^\circ 11' 06''$
 $R = 700.00'$
 $T = 70.40'$
 $L = 140.32'$
 $E = 3.53'$
 $e = 7.0\%$
 P.C. STA. = 18+24.17
 N: 2052371.59
 E: 1016524.38
 PI STA. = 18+94.57
 N: 2052441.98
 E: 1016523.54
 P.T. STA. = 19+64.49
 N: 2052511.13
 E: 1016536.73



12+00	13+00	14+00	15+00	16+00	17+00	18+00	19+00	20+00	21+00	22+00	23+00	24+00	25+00	26+00														
768.63	768.38	768.37	768.64	768.86	768.83	768.55	768.60 768.47	769.16 768.38	770.18 768.26	770.55 767.73	769.72 766.62	767.50 764.95	764.26 762.72	760.65 760.16	757.55 757.84	755.66 755.92	754.45 754.34	752.80 752.80	750.89	749.64	749.88	751.85 751.74	754.23 753.30	755.82 754.29	755.76 754.71	754.85 754.57	753.92 753.91	753.48 753.68

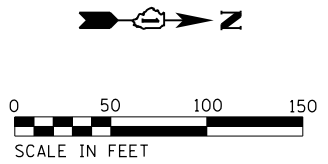
HRGreen
 HRGreen.com
 Micro Professional Design Firm
 #184-001322

USER NAME = bhartna	DESIGNED - BH	REVISED - 2/24/2020
	DRAWN - DMS	REVISED -
PLOT SCALE =	CHECKED - AC	REVISED -
PLOT DATE = 2/24/2020	DATE - 8/25/2019	REVISED -

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

**PLAN AND PROFILE
 LILY LAKE ROAD**
 SCALE: 1"=50' SHEET NO. 1 OF 5 SHEETS STA. 14+00.00 TO STA. 26+00.00

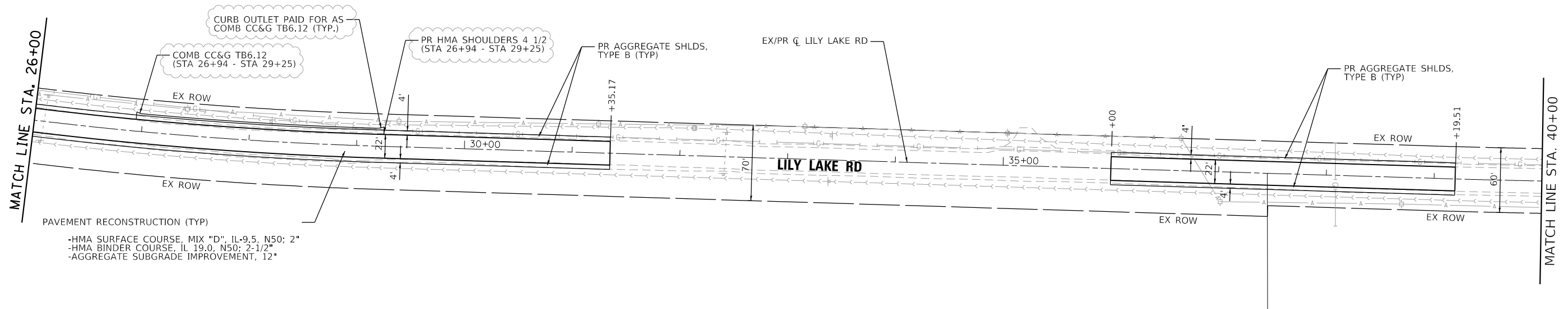
F.A.U. RTE. 3858	SECTION NO. 17-14172-01-5P	COUNTY MCHENRY	TOTAL SHEETS 51	SHEET NO. 12
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT		CONTRACT NO. 61F99		



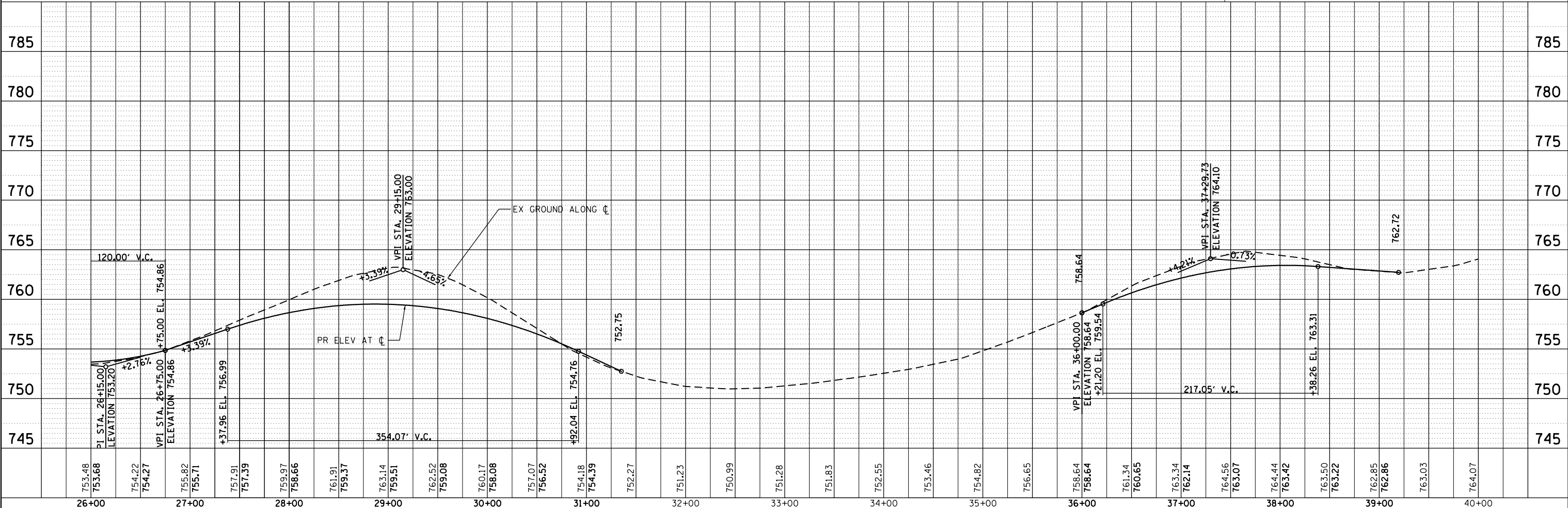
PLAN	SURVEYED	BY	DATE
	PLOTTED		
	ALIGNED		
	CHECKED		
	FILED		
NOTE BOOK NO.	CARD FILE NAME		

PROFILE	SURVEYED	BY	DATE
	PLOTTED		
	GRADES CHECKED		
	STRUCTURE NOTATIONS CHECKED		
NOTE BOOK NO.	NOTATIONS CHECKED		

HRG PROJECT NO.: 160444
 HRG PROJ. CONTACT: 160444-srt-pmp-r-02.dgn
 FILE NAME: 160444-srt-pmp-r-02.dgn
 PEN TABLE: paf160444.tbl



PAVEMENT RECONSTRUCTION (TYP)
 -HMA SURFACE COURSE, MIX "D", IL-9.5, N50; 2"
 -HMA BINDER COURSE, IL 19.0, N50; 2-1/2"
 -AGGREGATE SUBGRADE IMPROVEMENT, 12"



26+00	753.48	753.68	754.22	754.27	755.82	755.71	757.91	757.39	759.97	758.66	761.91	759.37	763.14	759.51	762.52	759.08	760.17	758.08	757.07	756.52	754.18	754.39	752.27	751.23	750.99	751.28	751.83	752.55	753.46	754.82	756.65	758.64	758.64	761.34	760.65	763.34	762.14	764.56	763.07	764.44	763.42	763.50	763.22	762.85	762.86	763.03	764.07	785
-------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	-----



USER NAME =	bharma	DESIGNED -	BH	REVISED -	2/24/2020
		DRAWN -	DMS	REVISED -	
PLOT SCALE =		CHECKED -	AC	REVISED -	
PLOT DATE =	2/24/2020	DATE -	8/25/2019	REVISED -	

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**PLAN AND PROFILE
LILY LAKE ROAD**

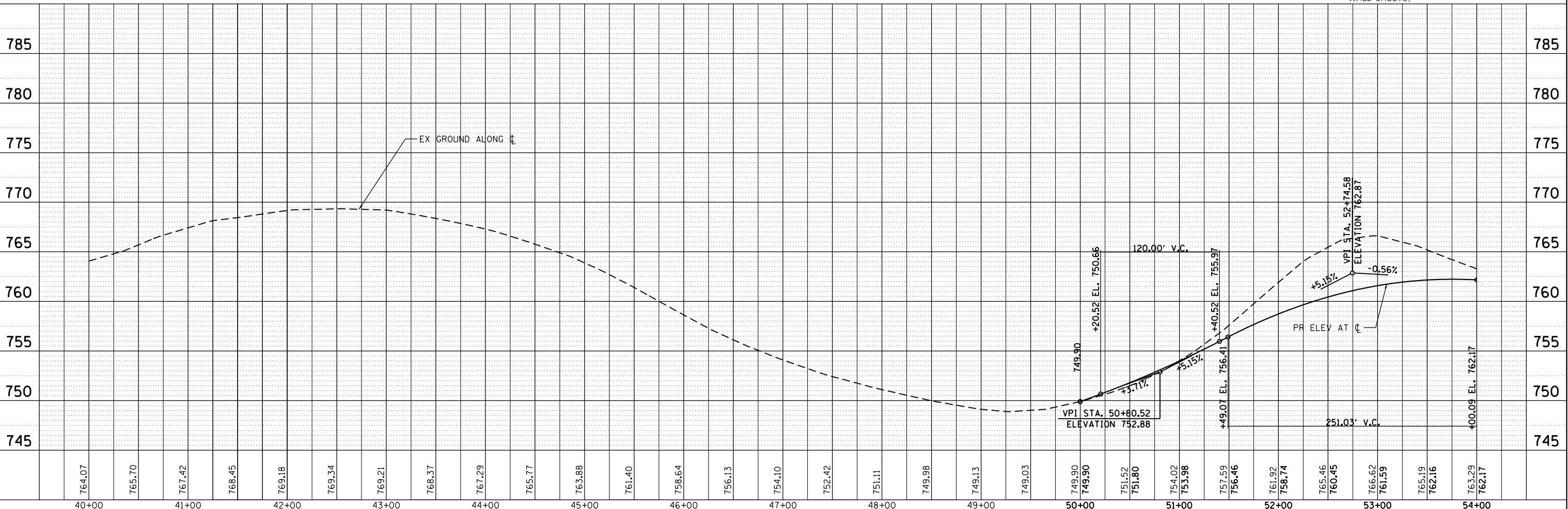
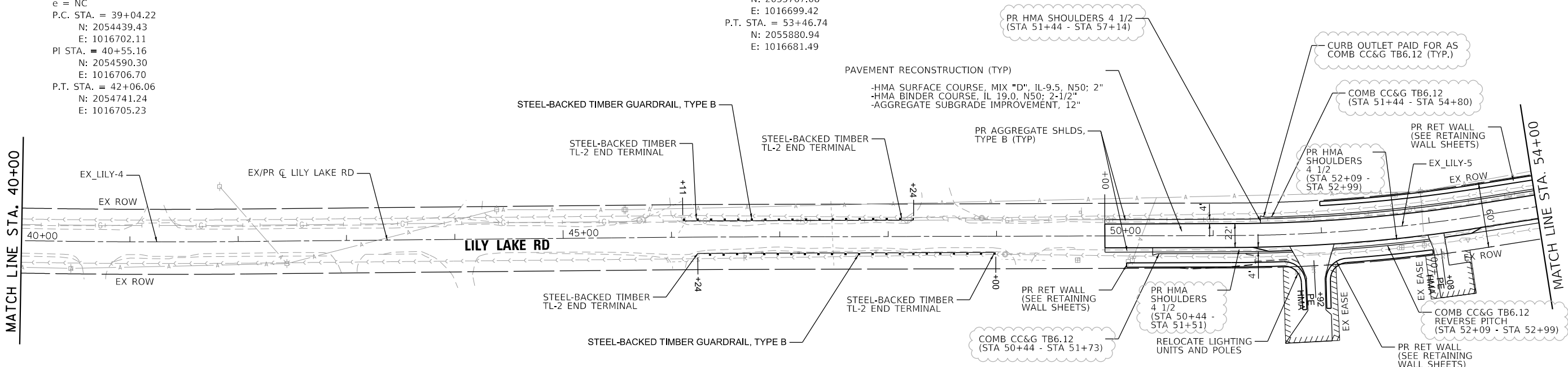
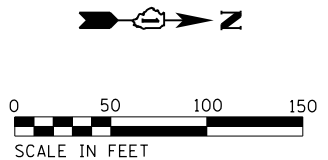
F.A.U. RTE.	SECTION NO.	COUNTY	TOTAL SHEETS	SHEET NO.
3858	17-14172-01-5P	MCHENRY	51	13
CONTRACT NO. 61F99		FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT		

SCALE: 1"=50' SHEET NO. 2 OF 5 SHEETS STA. 26+00.00 TO STA. 40+00.00

PLAN	SURVEYED	BY	DATE
	PLOTTED		
	ALIGNMENT CHECKED		
	FILE NAME		
	NO.		

EXIST. CURVE EX_LILY-4
 $\Delta = 2^\circ 18' 21''$ (LT)
 $D = 0^\circ 45' 50''$
 $R = 7,500.00'$
 $T = 150.94'$
 $L = 301.84'$
 $E = 1.52'$
 $e = NC$
P.C. STA. = 39+04.22
N: 2054439.43
E: 1016702.11
PI STA. = 40+55.16
N: 2054590.30
E: 1016706.70
P.T. STA. = 42+06.06
N: 2054741.24
E: 1016705.23

EXIST. CURVE EX_LILY-5
 $\Delta = 8^\circ 47' 17''$ (LT)
 $D = 3^\circ 49' 11''$
 $R = 1,500.00'$
 $T = 115.26'$
 $L = 230.07'$
 $E = 4.42'$
 $e = 4.5\%$
P.C. STA. = 51+16.67
N: 2055651.82
E: 1016699.75
PI STA. = 52+31.93
N: 2055767.08
E: 1016699.42
P.T. STA. = 53+46.74
N: 2055880.94
E: 1016681.49



PROFILE	SURVEYED	BY	DATE
	PLOTTED		
	GRADES CHECKED		
	NOTE BOOK		
	NO.		
	STRUCTURE NOTATION CHECKED		
	NO.		

HRG PROJECT NO.: 160444
HRG PROJ. CONTACT: 160444-srt-p1np-rf-03.dgn
FILE NAME: 160444-CR19
PEN TABLE: penfbtbl.tbl

	HRGreen.com <small>Micro Professional Design Firm #184-001322</small>	USER NAME = bhartra DESIGNED - BH DRAWN - DMS CHECKED - AC DATE - 8/25/2019	REVISED - 2/24/2020 REVISED - REVISED - REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	PLAN AND PROFILE LILY LAKE ROAD	F.A.U. R.T.E. 3858 SECTION NO. 17-14172-01-5P COUNTY MCHENRY ILLINOIS FED. AID PROJECT	TOTAL SHEETS 51 SHEET NO. 14 CONTRACT NO. 61F99
	SCALE: 1"=50' SHEET NO. 3 OF 5 SHEETS STA. 40+00.00 TO STA. 54+00.00						
	FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT						

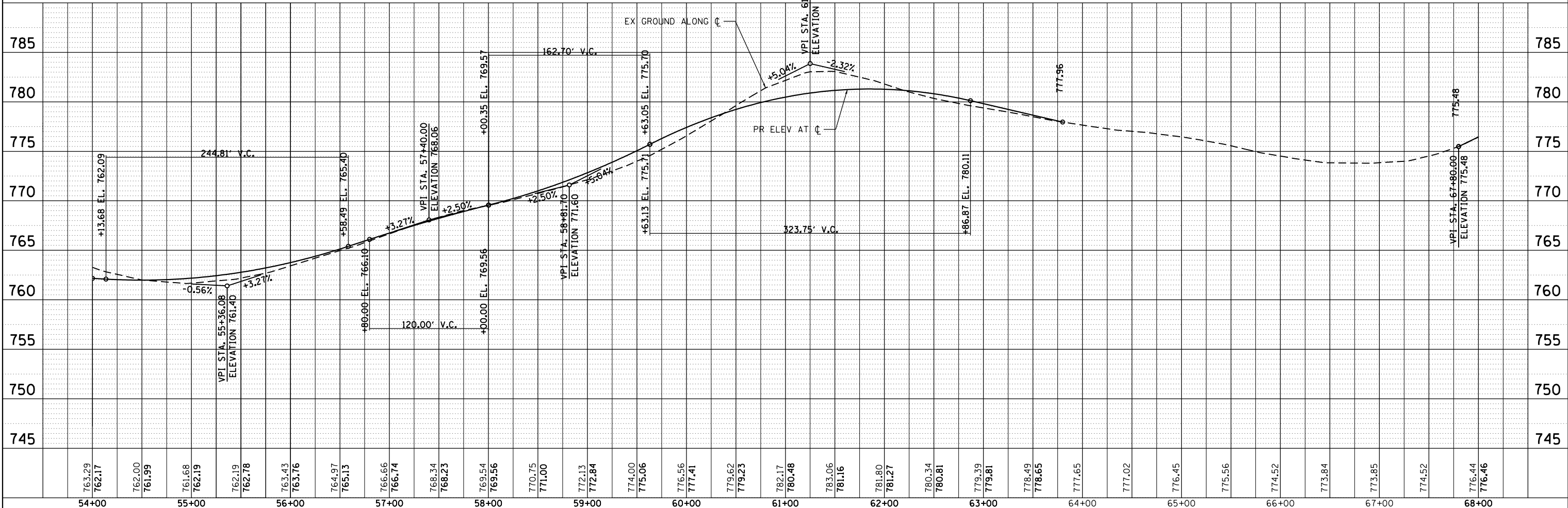


EXIST. CURVE EX_LILY-6 Δ = 7° 49' 34" (LT) D = 1° 47' 26" R = 3,200.00' T = 218.88' L = 437.09' E = 7.48' e = 2.5%	EXIST. CURVE EX_LILY-7 Δ = 9° 23' 03" (RT) D = 5° 43' 46" R = 1,000.00' T = 218.88' L = 163.79' E = 3.36' e = 6.0%
P.C. STA. = 54+83.93 N: 2056016.46 E: 1016660.13 PI STA. = 57+02.82 N: 2056232.68 E: 1016626.07 P.T. STA. = 59+21.02 N: 2056442.25 E: 1016562.89	P.C. STA. = 60+91.85 N: 2056605.81 E: 1016479.31 PI STA. = 61+73.93 N: 2056684.39 E: 1016489.88 P.T. STA. = 62+55.64 N: 2056765.78 E: 1016479.31

DATE	BY
DATE	BY
DATE	BY
DATE	BY

DATE	BY
DATE	BY
DATE	BY
DATE	BY

HRG PROJECT NO.: 160444
 HRG PROJ. CONTACT: 160444-srt-pjpr-f-04.dgn
 FILE NAME: 160444.ctb
 PEN TABLE: pen.tbl



763.29	762.17	762.00	761.99	761.68	762.19	762.19	762.78	763.43	763.76	764.97	765.13	766.66	766.74	768.34	768.23	769.54	769.56	770.75	771.00	772.13	772.84	774.00	775.06	776.56	777.41	779.62	779.23	782.17	780.48	783.06	781.16	781.80	781.27	780.34	780.81	779.39	779.81	778.49	778.65	777.65	777.02	776.45	775.56	774.52	773.84	773.85	774.52	776.44	776.46
54+00	55+00	56+00	57+00	58+00	59+00	60+00	61+00	62+00	63+00	64+00	65+00	66+00	67+00	68+00																																			

HRGreen
 HRGreen.com
 Micro Professional Design Firm
 #184-001322

USER NAME = bhartm	DESIGNED - BH	REVISED - 2/24/2020
PLOT SCALE =	DRAWN - DMS	REVISED -
PLOT DATE = 2/24/2020	CHECKED - AC	REVISED -
	DATE - 8/25/2019	REVISED -

STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

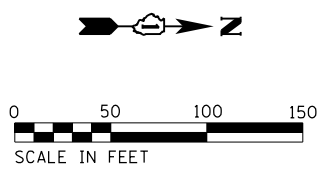
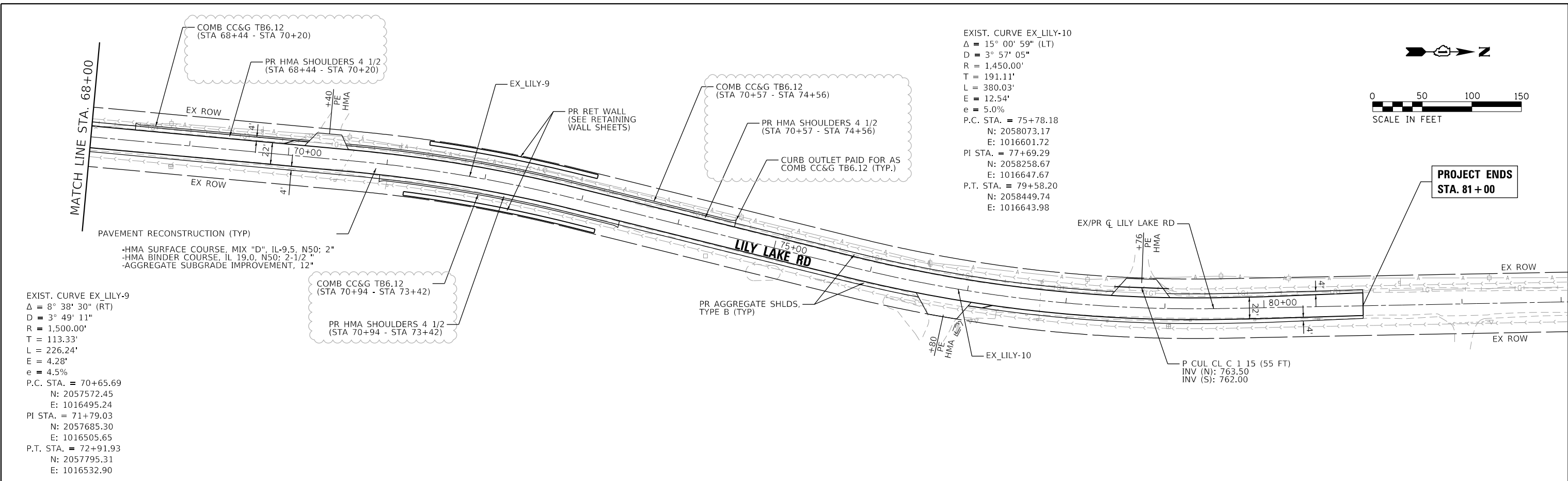
PLAN AND PROFILE
 LILY LAKE ROAD
 SCALE: 1"=50' SHEET NO. 4 OF 5 SHEETS STA. 54+00.00 TO STA. 68+00.00

F.A.U. RTE.	SECTION NO.	COUNTY	TOTAL SHEETS	SHEET NO.
3858	17-14172-01-5P	MCHENRY	51	15
FED. ROAD DIST. NO.	ILLINOIS FED. AID PROJECT	CONTRACT NO.	61F99	

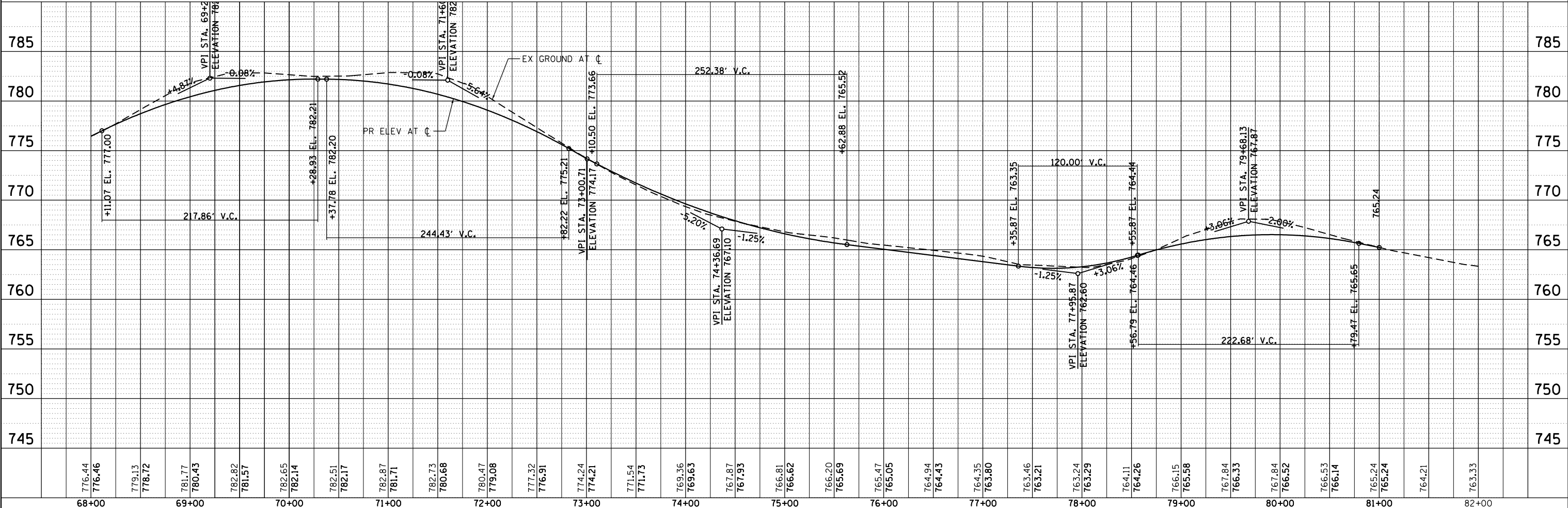
PLAN	SURVEYED	DATE
	PLOTTED	
	ALIGNED	
	CHECKED	
	FILE NAME	
	NO.	

PROFILE	SURVEYED	DATE
	PLOTTED	
	GRADES CHECKED	
	STRUCTURE	
	NOTAT THIS OFFICE	
	NO.	

HRG PROJECT NO.: 160444
 HRG PROJ. CONTACT: 160444-srt+plp+prf-05.dgn
 FILE NAME: 160444-01.dwg
 PEN TABLE: p01tbltbl.tbl



PROJECT ENDS
 STA. 81+00



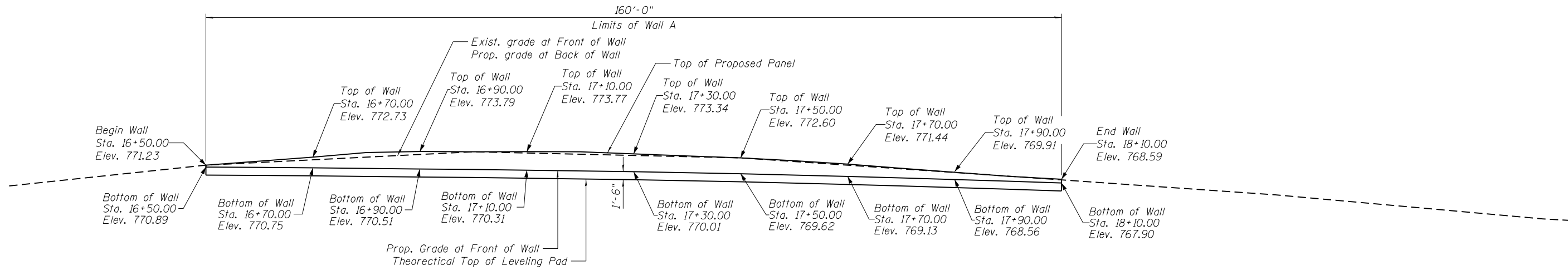
USER NAME = bhartma
 PLOT SCALE =
 PLOT DATE = 2/24/2020

DESIGNED - BH	REVISED - 2/24/2020
DRAWN - DMS	REVISED -
CHECKED - AC	REVISED -
DATE - 8/25/2019	REVISED -

STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

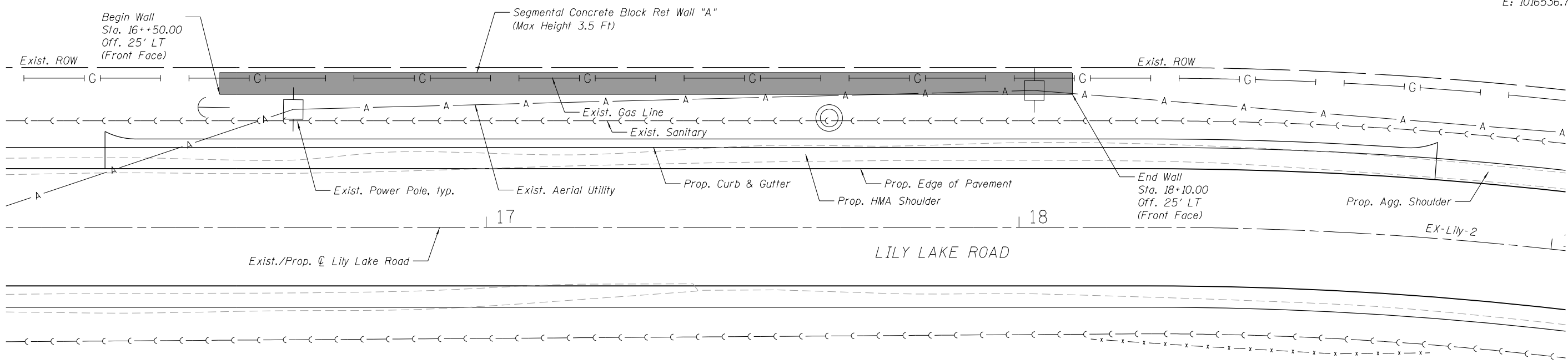
PLAN AND PROFILE
 LILY LAKE ROAD
 SCALE: 1"=50' SHEET NO. 5 OF 5 SHEETS STA. 68+00.00 TO STA. 81+00.00

F.A.U. RTE.	SECTION NO.	COUNTY	TOTAL SHEETS	SHEET NO.
3858	17-14172-01-5P	MCHENRY	51	16
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		CONTRACT NO. 61F99

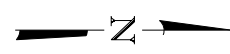


ELEVATION

EXIST. CURVE EX-LILY-2
 $\Delta = 11^\circ 29' 07''$ (RT)
 $D = 8^\circ 11' 06''$
 $R = 700.00'$
 $T = 70.40'$
 $L = 140.32'$
 $E = 3.53'$
P.C. STA. = 18+24.17
N: 2052371.59
E: 1016524.38
P.I. STA. = 18+94.57
N: 2052441.98
E: 1016523.54
P.T. STA. = 19+64.49
N: 2052511.13
E: 1016536.73



PLAN



HRC PROJECT NO.: 160444
 HRC PROJ. CONTACT:
 FILE NAME: 160444-str-wall_4.dgn
 PLOT DRIVER: IL_Pdf.dwg.plt
 PEN TABLE: plotlabel.tbl



USER NAME = bhartma	DESIGNED - BH	REVISED - 2/24/2020
	DRAWN - DMS	REVISED -
PLOT SCALE =	CHECKED - AC	REVISED -
PLOT DATE = 2/24/2020	DATE - 8/25/2019	REVISED -

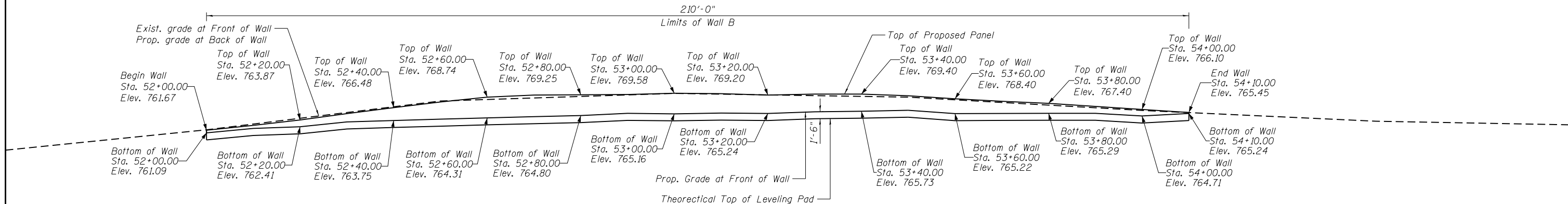
**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

**RETAINING WALL "A" - WEST SIDE
 LILY LAKE ROAD**

SHEET NO. 1 OF 7 SHEETS

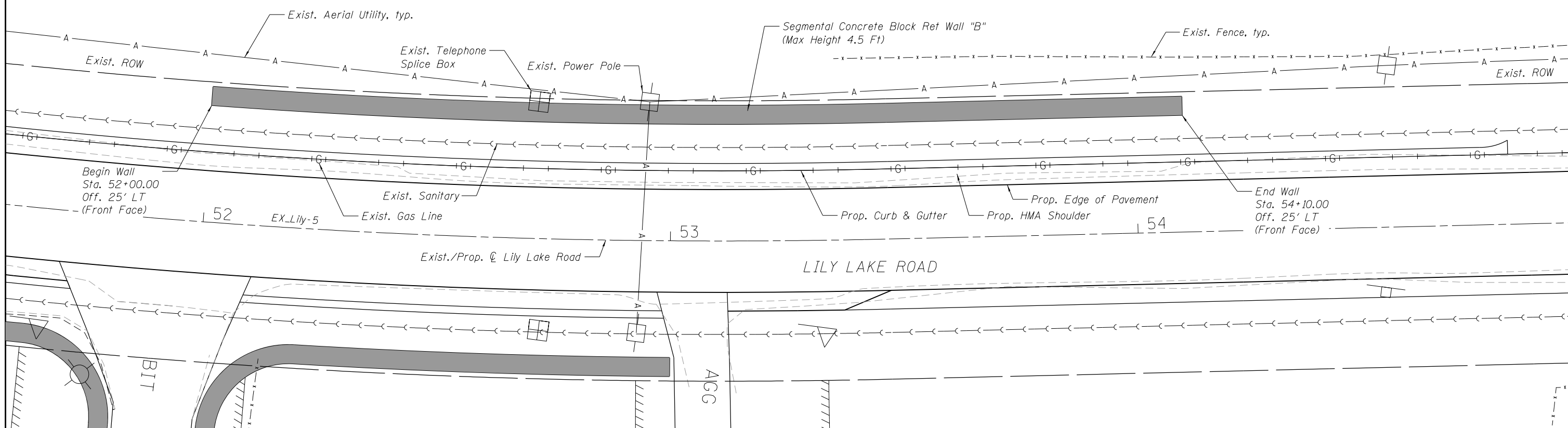
F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
3858	17-14172-01-SP	MCHENRY	51	25
CONTRACT NO. 61F99				

ILLINOIS FED. AID PROJECT



ELEVATION

EXIST. CURVE EX_LILY-5
 $\Delta = 8^\circ 47' 17''$ (LT)
 $D = 3^\circ 49' 11''$
 $R = 1,500.00'$
 $T = 115.26'$
 $L = 230.07'$
 $E = 4.42'$
P.C. STA. = 51+16.67
N: 2055651.82
E: 1016699.75
P.I. STA. = 52+31.93
N: 2055767.08
E: 1016699.42
P.T. STA. = 53+46.74
N: 2055880.94
E: 1016681.49



PLAN

HRG PROJECT NO.: 160444
HRG PROJ. CONTACT:
FILE NAME: 160444-str-wall_B.dgn
PLOT DRIVER: IL_Pdf.dwg, P1c1c1g
PEN TABLE: plotlabel.tbl



USER NAME = bhartma	DESIGNED - BH	REVISED - 2/24/2020
	DRAWN - DMS	REVISED -
PLOT SCALE =	CHECKED - AC	REVISED -
PLOT DATE = 2/24/2020	DATE - 8/25/2019	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**RETAINING WALL "B" - WEST SIDE
LILY LAKE ROAD**

SHEET NO. 2 OF 7 SHEETS

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
3858	17-14172-01-SP	MCHENRY	51	26
CONTRACT NO. 61F99				

ILLINOIS FED. AID PROJECT

SHEET INTENTIONALLY LEFT BLANK

HRG PROJECT NO.: 160444
HRG PROJ. CONTACT:
FILE NAME: 160444-str-wall_c.dgn
PLOT DRIVER: il_pdf_wplrfcfg
PEN TABLE: plotlabel.tbl



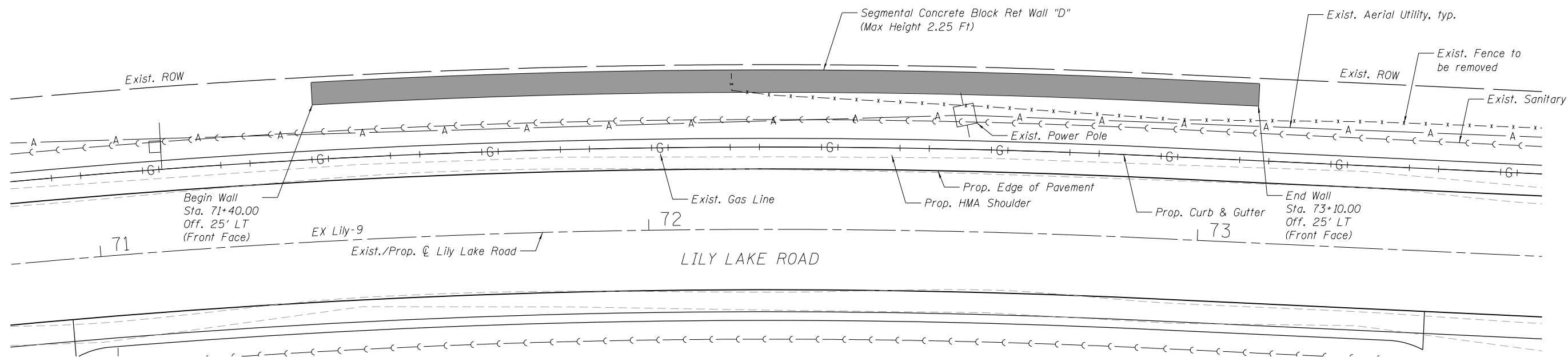
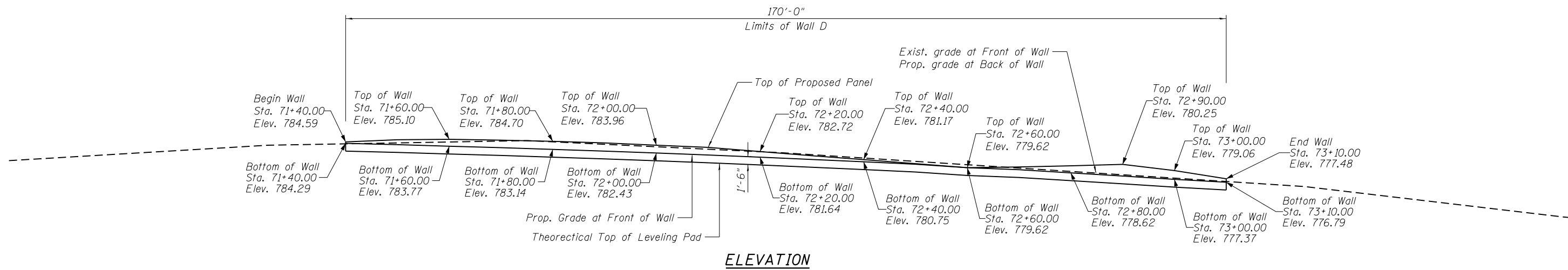
USER NAME = bhartma	DESIGNED - BH	REVISED - 2/24/2020
	DRAWN - DMS	REVISED -
PLOT SCALE =	CHECKED - AC	REVISED -
PLOT DATE = 2/24/2020	DATE - 8/25/2019	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**RETAINING WALL "C" - WEST SIDE
LILY LAKE ROAD**

SHEET NO. 3 OF 7 SHEETS

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
3858	17-14172-01-SP	MCHENRY	51	27
CONTRACT NO. 61F99				
ILLINOIS FED. AID PROJECT				



EXIST. CURVE EX_LILY-9
 $\Delta = 8^\circ 38' 30''$ (RT)
 $D = 3^\circ 49' 11''$
 $R = 1,500.00'$
 $T = 113.33'$
 $L = 226.24$
 $E = 4.28'$
P.C. STA. = 70+65.69
 $N = 2057572.45$
 $E = 1016495.24$
PI STA. = 71+79.03
 $N = 2057685.31$
 $E = 1016505.65$
P.T. STA. = 72+65.69
 $N = 2057795.31$
 $E = 1016532.90$

HRG PROJECT NO.: 160444
HRG PROJ. CONTACT:
FILE NAME: 160444-str-wall.Dwg
PLOT DRIVER: IL_Pdf.dwg.plt
PEN TABLE: plotlabel.tbl



USER NAME = bhartma	DESIGNED - BH	REVISED - 2/24/2020
	DRAWN - DMS	REVISED -
PLOT SCALE =	CHECKED - AC	REVISED -
PLOT DATE = 2/24/2020	DATE - 8/25/2019	REVISED -

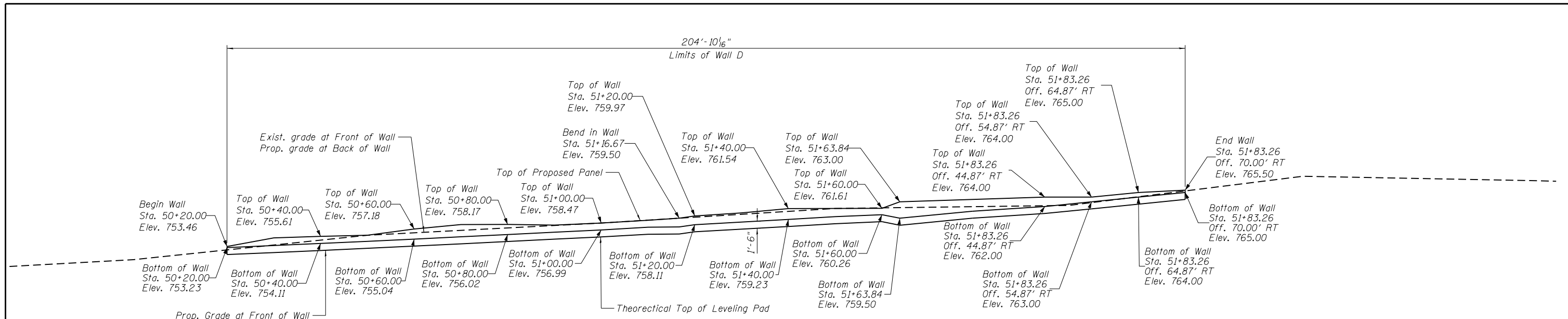
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

RETAINING WALL "D" - WEST SIDE
LILY LAKE ROAD

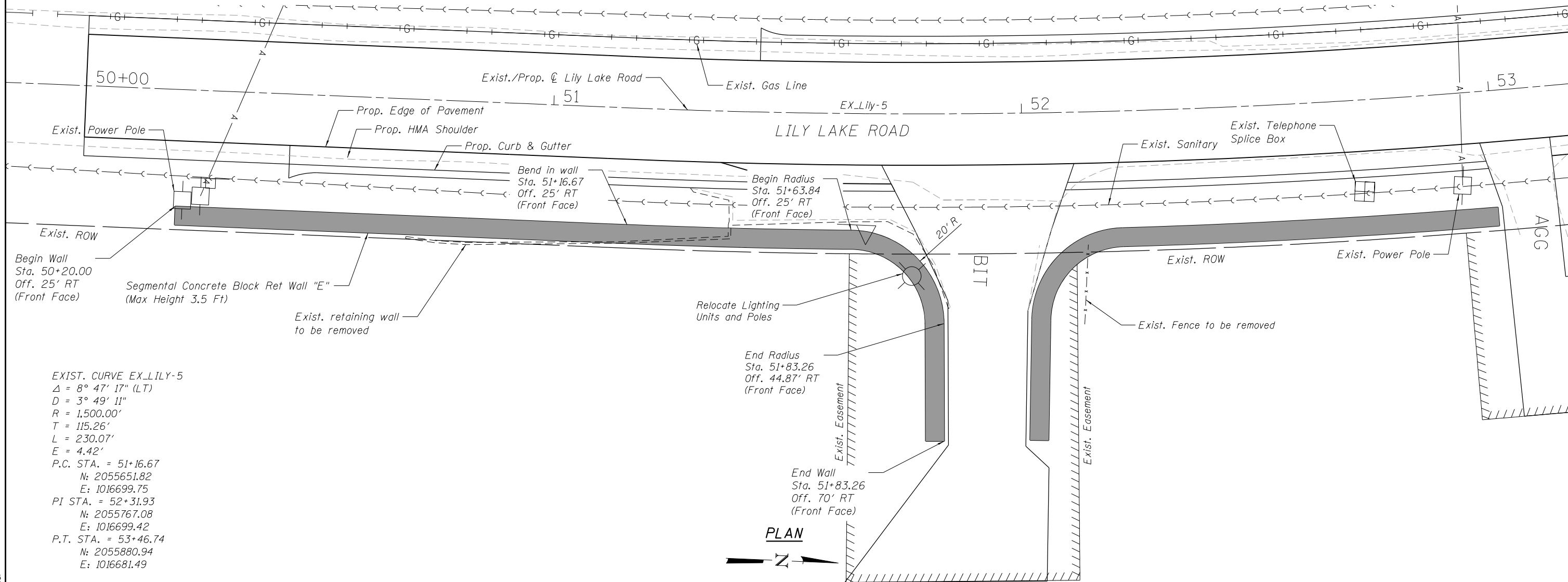
SHEET NO. 4 OF 7 SHEETS

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
3858	17-14172-01-SP	MCHENRY	51	28
CONTRACT NO. 61F99				

ILLINOIS FED. AID PROJECT



ELEVATION



PLAN

EXIST. CURVE EX_LILY-5
 $\Delta = 8^\circ 47' 17''$ (LT)
 $D = 3^\circ 49' 11''$
 $R = 1,500.00'$
 $T = 115.26'$
 $L = 230.07'$
 $E = 4.42'$
P.C. STA. = 51+16.67
N: 2055651.82
E: 1016699.75
P.I. STA. = 52+31.93
N: 2055767.08
E: 1016699.42
P.T. STA. = 53+46.74
N: 2055880.94
E: 1016681.49

HRG PROJECT NO.: 160444
HRG PROJ. CONTACT:
FILE NAME: 160444-str-wall_E.dgn
PLOT DRIVER: IL_Pdf.dwg.plt.ctb
PEN TABLE: plotlabel.tbl



USER NAME = bhartma	DESIGNED - BH	REVISED - 2/24/2020
	DRAWN - DMS	REVISED -
PLOT SCALE =	CHECKED - AC	REVISED -
PLOT DATE = 2/24/2020	DATE - 8/25/2019	REVISED -

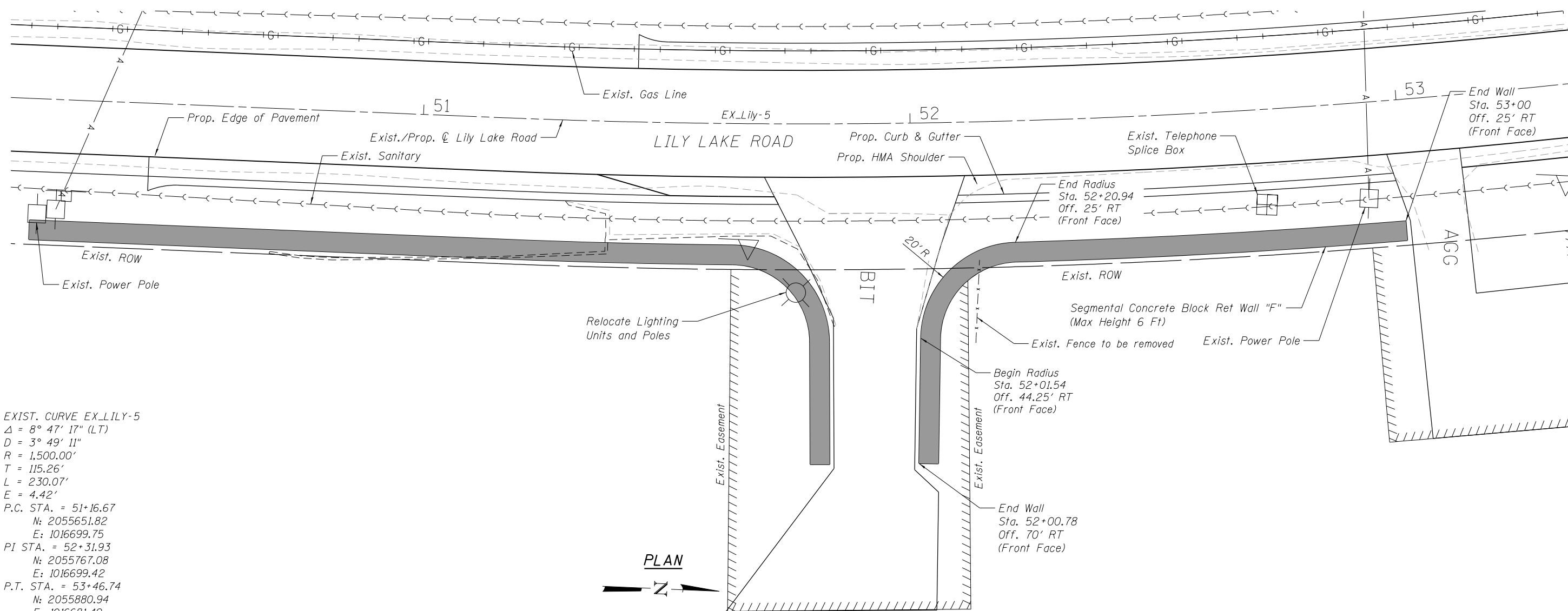
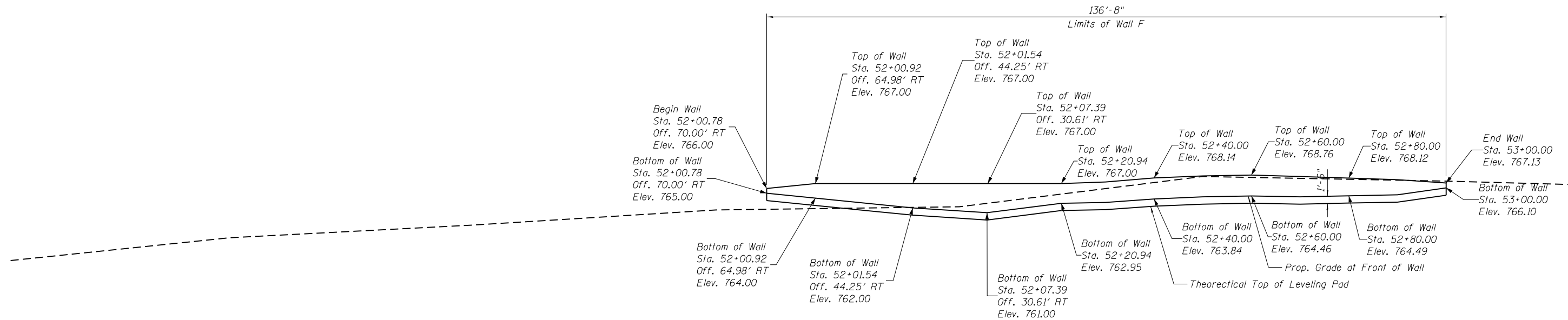
**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**RETAINING WALLS "E" - EAST SIDE
LILY LAKE ROAD**

SHEET NO. 5 OF 7 SHEETS

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
3858	17-14172-01-SP	MCHENRY	51	29
CONTRACT NO. 61F99				

ILLINOIS FED. AID PROJECT



EXIST. CURVE EX_LILY-5
 $\Delta = 8^\circ 47' 17''$ (LT)
 $D = 3^\circ 49' 11''$
 $R = 1,500.00'$
 $T = 115.26'$
 $L = 230.07'$
 $E = 4.42'$
 P.C. STA. = 51+16.67
 N: 2055651.82
 E: 1016699.75
 P.I. STA. = 52+31.93
 N: 2055767.08
 E: 1016699.42
 P.T. STA. = 53+46.74
 N: 2055880.94
 E: 1016681.49

HRG PROJECT NO.: 160444
 HRG PROJ. CONTACT:
 FILE NAME: 160444-st-r-wall_F.dgn
 PLOT DRIVER: IL_Pdf.dwg.plt
 PEN TABLE: plotlabel.tbl



USER NAME = bhartma	DESIGNED - BH	REVISED - 2/24/2020
	DRAWN - DMS	REVISED -
PLOT SCALE =	CHECKED - AC	REVISED -
PLOT DATE = 2/24/2020	DATE - 8/25/2019	REVISED -

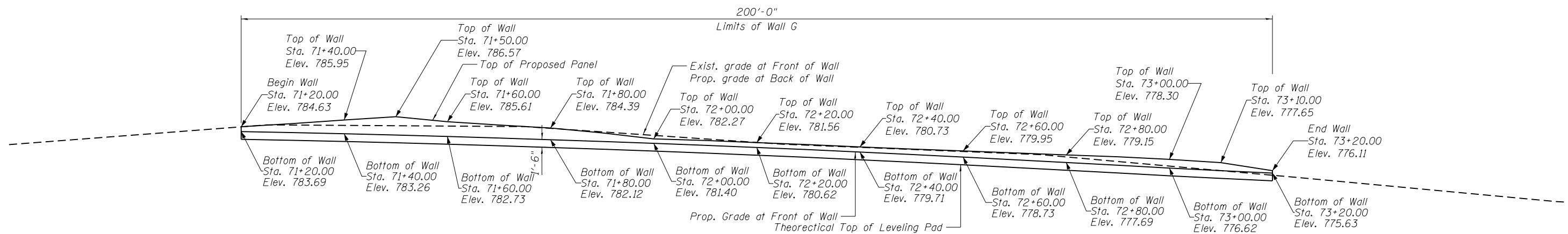
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

RETAINING WALLS "F" - EAST SIDE
LILY LAKE ROAD

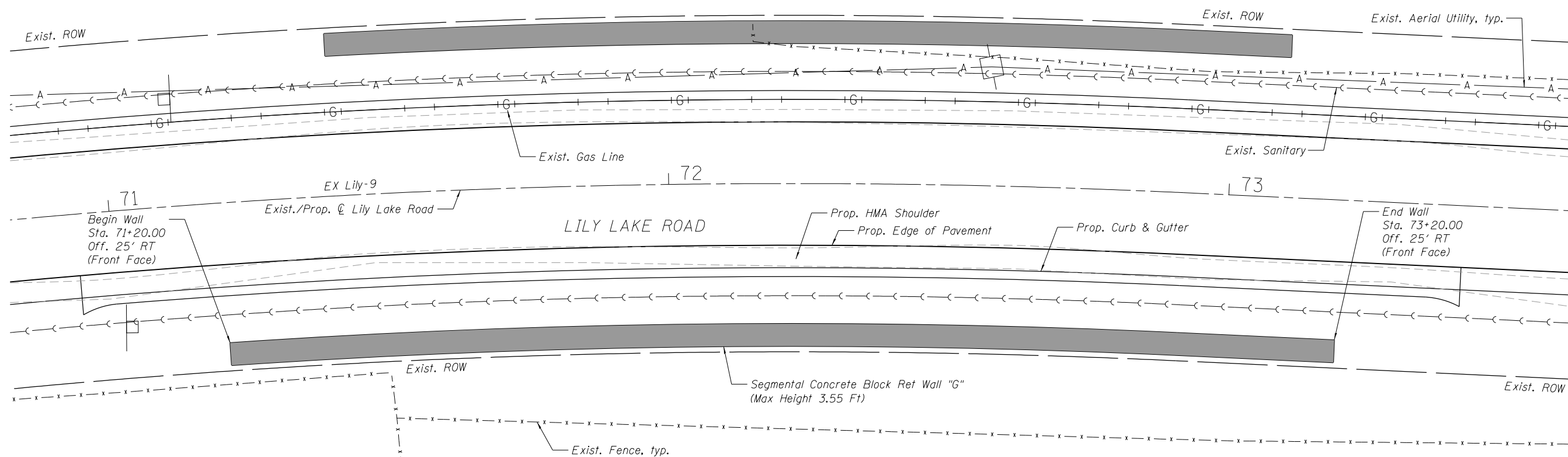
SHEET NO. 6 OF 7 SHEETS

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
3858	17-14172-01-SP	MCHENRY	51	30
				CONTRACT NO. 61F99

ILLINOIS FED. AID PROJECT

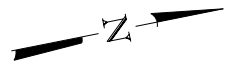


ELEVATION



EXIST. CURVE EX_LILY-9
 $\Delta = 8^\circ 38' 30''$ (RT)
 $D = 3^\circ 49' 11''$
 $R = 1,500.00'$
 $T = 113.33'$
 $L = 226.24$
 $E = 4.28'$
P.C. STA. = 70+65.69
N: 2057572.45
E: 1016495.24
P.I. STA. = 71+79.03
N: 2057685.31
E: 1016505.65
P.T. STA. = 72+65.69
N: 2057795.31
E: 1016532.90

PLAN



HRG PROJECT NO.: 160444
HRG PROJ. CONTACT:
FILE NAME: 160444-str-wall.dgn
PLOT DRIVER: IL_Pdf.dwg
PEN TABLE: plotlabel.tbl



USER NAME = bhartma	DESIGNED - BH	REVISED - 2/24/2020
	DRAWN - DMS	REVISED -
PLOT SCALE =	CHECKED - AC	REVISED -
PLOT DATE = 2/24/2020	DATE - 8/25/2019	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**RETAINING WALL "G" - EAST SIDE
LILY LAKE ROAD**

SHEET NO. 7 OF 7 SHEETS

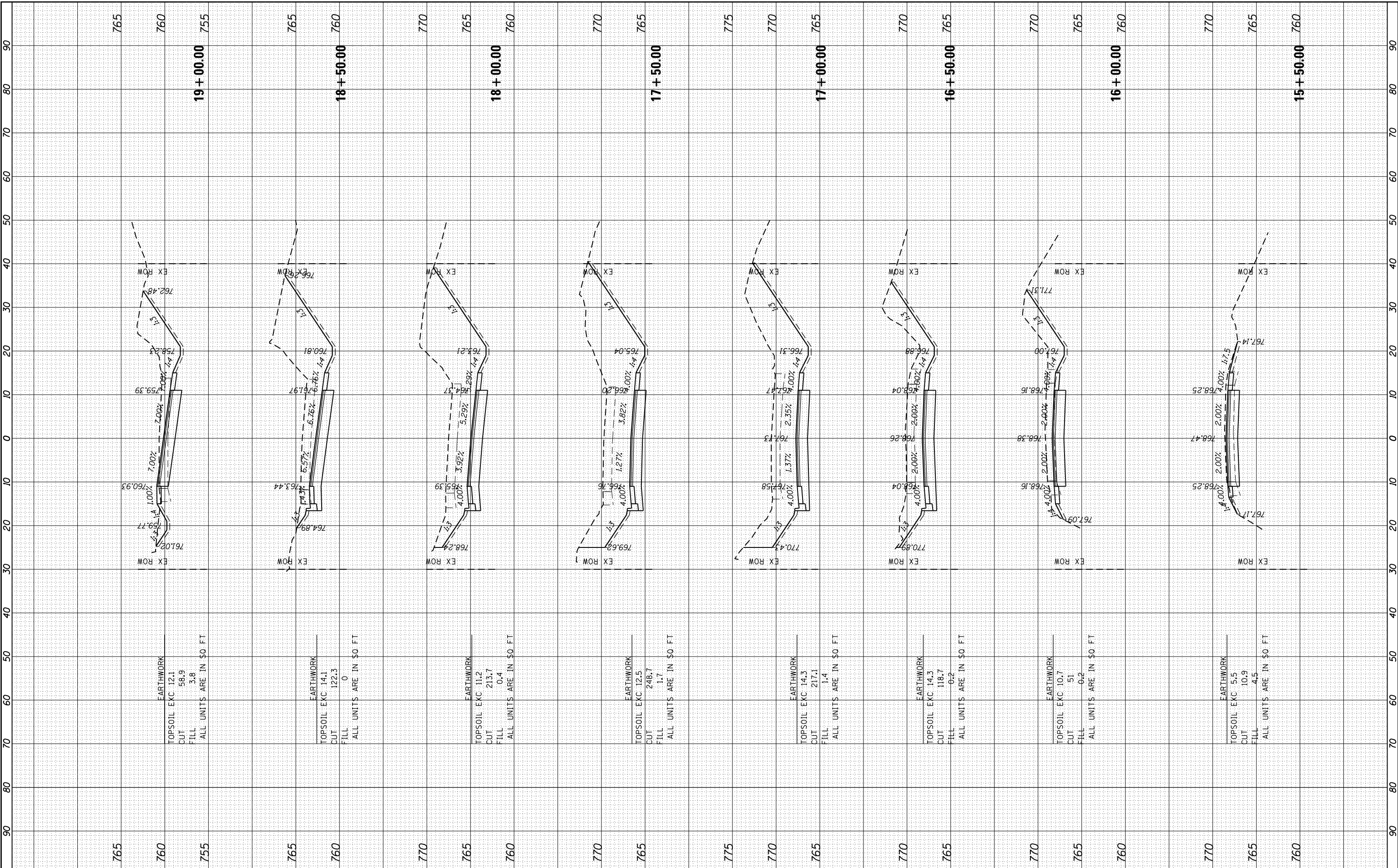
F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
3858	17-14172-01-SP	MCHENRY	51	31
CONTRACT NO. 61F99				

ILLINOIS FED. AID PROJECT

HRG PROJECT NO.: 160444
 FILE NAME: 160444-01-KC.dgn
 PLOT DRIVER: ll.pdf.plt
 PEN TABLE: p10.tbl

ORIGINAL SURVEY PLOTTED TEMPLATE AREAS CHECKED

FINAL SURVEY PLOTTED TEMPLATE AREAS CHECKED



USER NAME = bhar-tna
 PLOT SCALE =
 PLOT DATE = 2/24/2020

DESIGNED - BH
 DRAWN - DMS
 CHECKED - AC
 DATE - 8/25/2019

REVISED - 2/24/2020
 REVISED -
 REVISED -
 REVISED -

STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

CROSS SECTIONS
 LILY LAKE ROAD

SCALE: 10H:5V SHEET NO. 1 OF 14 SHEETS STA. 15+50.00 TO STA. 19+00.00

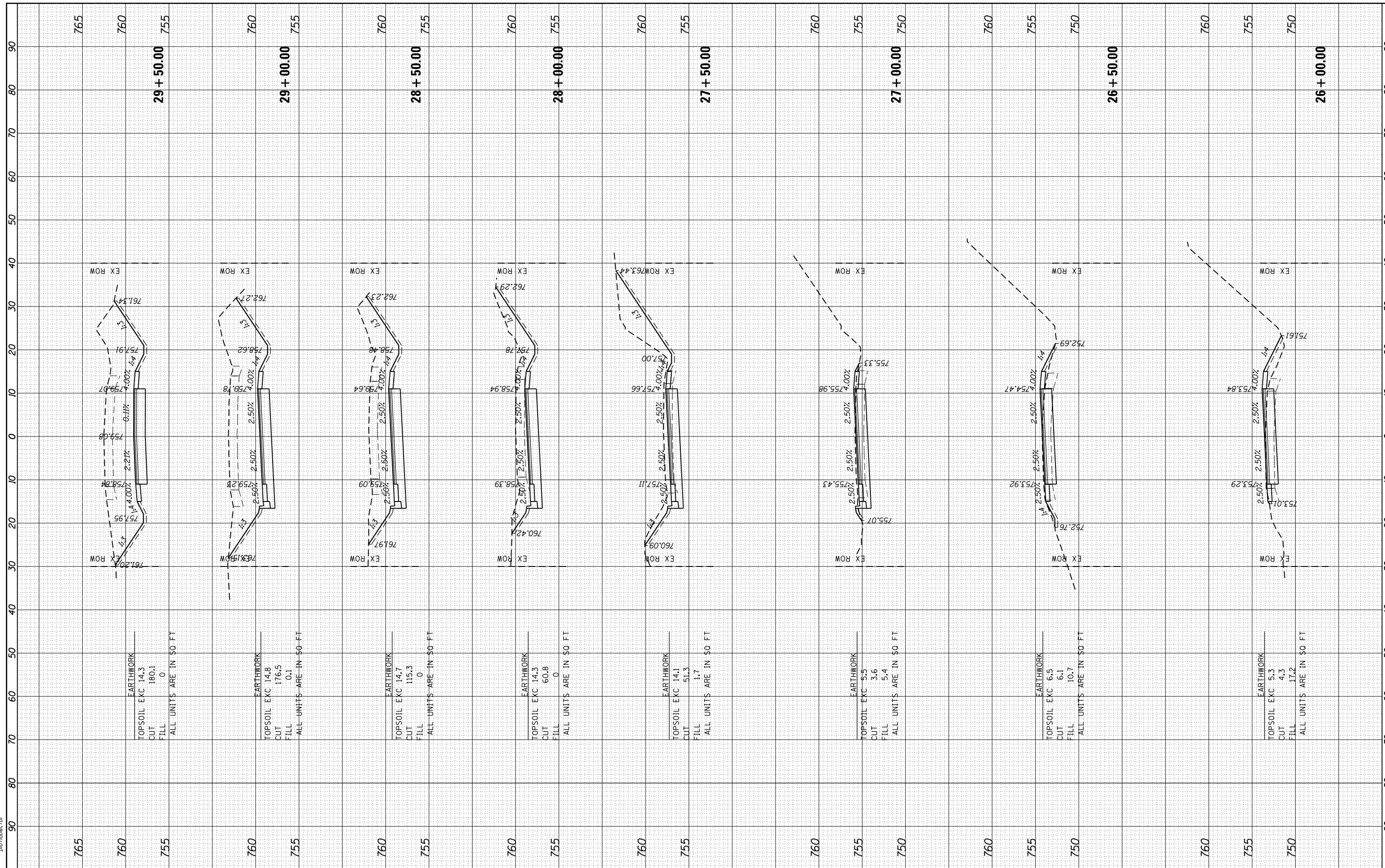
F.A.U. RTE.	SECTION NO.	COUNTY	TOTAL SHEETS	SHEET NO.
3858	17-14172-01-5P	MCHENRY	51	38
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		CONTRACT NO. 61F99



FINAL SURVEY	SURVEYED	BY	DATE
NO.	PLOTTED		
	TEMPLATE		
	AREAS CHECKED		
	AREAS CHECKED		

ORIGINAL SURVEY	SURVEYED	BY	DATE
NO.	PLOTTED		
	TEMPLATE		
	AREAS CHECKED		
	AREAS CHECKED		

HRG PROJECT NO.: 160444
 FILE NAME: 17-14172-01-SP-KSC.dgn
 PLOT DRIVER: ll.pdf.plt
 PEN TABLE: p01.tbl



HRGreen.com	USER NAME = bhar-tmo
Illinois Professional Design Firm	DESIGNED - BH
#184-001322	DRAWN - DMS
	CHECKED - AC
	DATE - 8/25/2019
	REVISIONS
	REVISION 1 - 2/24/2020

SCALE: 10H:5V	SHEET NO. 4	OF 14 SHEETS	STA. 26+00.00	TO STA. 29+50.00
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**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

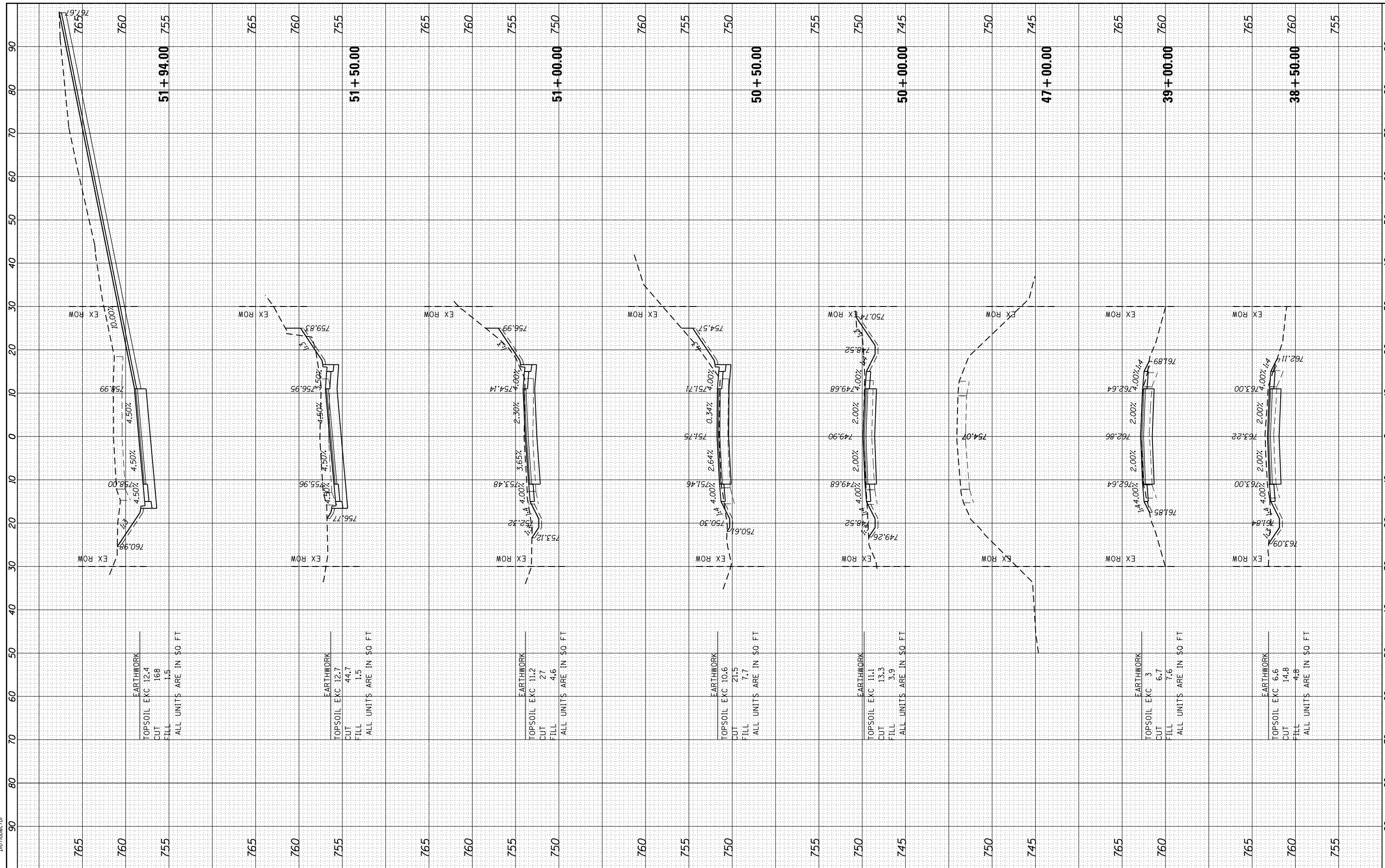
**CROSS SECTIONS
 LILY LAKE ROAD**

F.A.U. RTE.	SECTION NO.	COUNTY	TOTAL SHEETS	SHEET NO.
3858	17-14172-01-SP	MCHENRY	51	41
CONTRACT NO. 61F99		FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT		

FINAL SURVEY NO.	SURVEYED	BY	DATE
NOTE BOOK NO.	PLOTTED		
AREAS CHECKED	TEMPLATE		
AREAS CHECKED	AREAS CHECKED		

ORIGINAL SURVEY NO.	SURVEYED	BY	DATE
NOTE BOOK NO.	PLOTTED		
AREAS CHECKED	TEMPLATE		
AREAS CHECKED	AREAS CHECKED		

HRG PROJECT NO.: 160444
 FILE NAME: 17-14172-01-SP-KSC.dgn
 PLOT DRIVER: ll.pdf_wg.dwt
 PEN TABLE: p01tbl.tbl



EARTHWORK
 TOPSOIL EXC 12.4
 CUT 168
 FILL 1.5
 ALL UNITS ARE IN SQ FT

EARTHWORK
 TOPSOIL EXC 12.7
 CUT 44.7
 FILL 1.5
 ALL UNITS ARE IN SQ FT

EARTHWORK
 TOPSOIL EXC 11.2
 CUT 27
 FILL 4.6
 ALL UNITS ARE IN SQ FT

EARTHWORK
 TOPSOIL EXC 10.6
 CUT 21.5
 FILL 7.7
 ALL UNITS ARE IN SQ FT

EARTHWORK
 TOPSOIL EXC 11.1
 CUT 13.3
 FILL 3.9
 ALL UNITS ARE IN SQ FT

EARTHWORK
 TOPSOIL EXC 3
 CUT 6.7
 FILL 7.6
 ALL UNITS ARE IN SQ FT

EARTHWORK
 TOPSOIL EXC 6.6
 CUT 14.8
 FILL 4.8
 ALL UNITS ARE IN SQ FT



USER NAME = bhar-tno
 DESIGNED - BH
 DRAWN - DMS
 CHECKED - AC
 DATE - 8/25/2019

REVISIONS
 2/24/2020
 8/25/2019

STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

CROSS SECTIONS
 LILY LAKE ROAD

SCALE: 10H:5V SHEET NO. 6 OF 14 SHEETS STA. 38+50.00 TO STA. 51+94.00

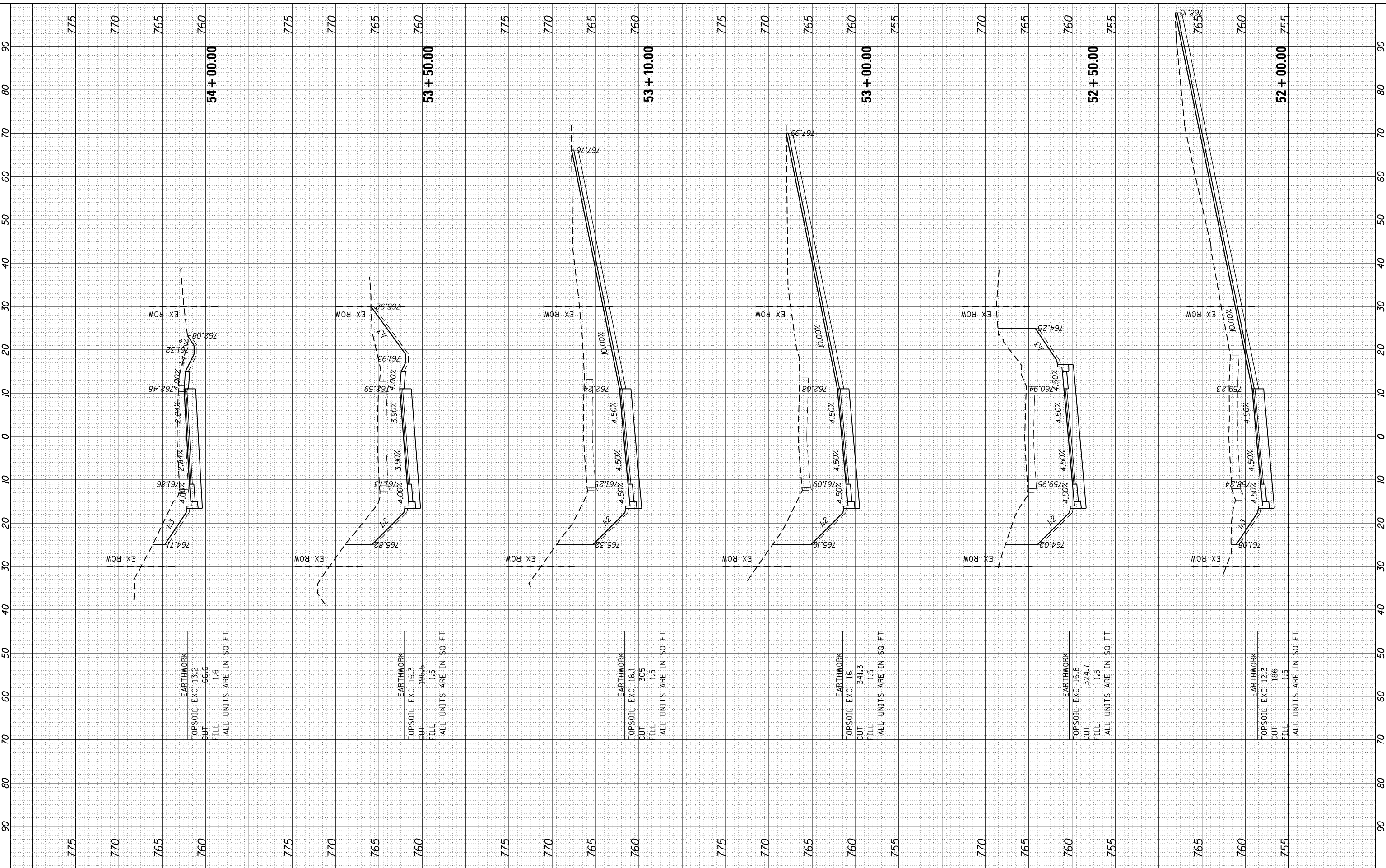
F.A.U. RTE.	SECTION NO.	COUNTY	TOTAL SHEETS	SHEET NO.
3858	17-14172-01-SP	MCHENRY	51	43
CONTRACT NO. 61F99				

FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT

FINAL SURVEY NO.	SURVEYED	BY	DATE
NOTE BOOK NO.	PLOTTED		
	TEMPLATE		
	AREAS CHECKED		
	AREAS CHECKED		

ORIGINAL SURVEY NO.	SURVEYED	BY	DATE
NOTE BOOK NO.	PLOTTED		
	TEMPLATE		
	AREAS CHECKED		
	AREAS CHECKED		

HRG PROJECT NO: 160444
 FILE NAME: 17-14172-01-SP-KC.dgn
 PLOT DRIVER: ll.pdf, bw, gdt, g9
 PEN TABLE: p01.tbl, r, b, i



USER NAME	= bhar-tmo
DESIGNED	- BH
DRAWN	- DMS
CHECKED	- AC
DATE	- 8/25/2019

REVISIONS	2/24/2020
REVISIONS	
REVISIONS	
REVISIONS	

DESIGNED	- BH
DRAWN	- DMS
CHECKED	- AC
DATE	- 8/25/2019

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**CROSS SECTIONS
LILY LAKE ROAD**

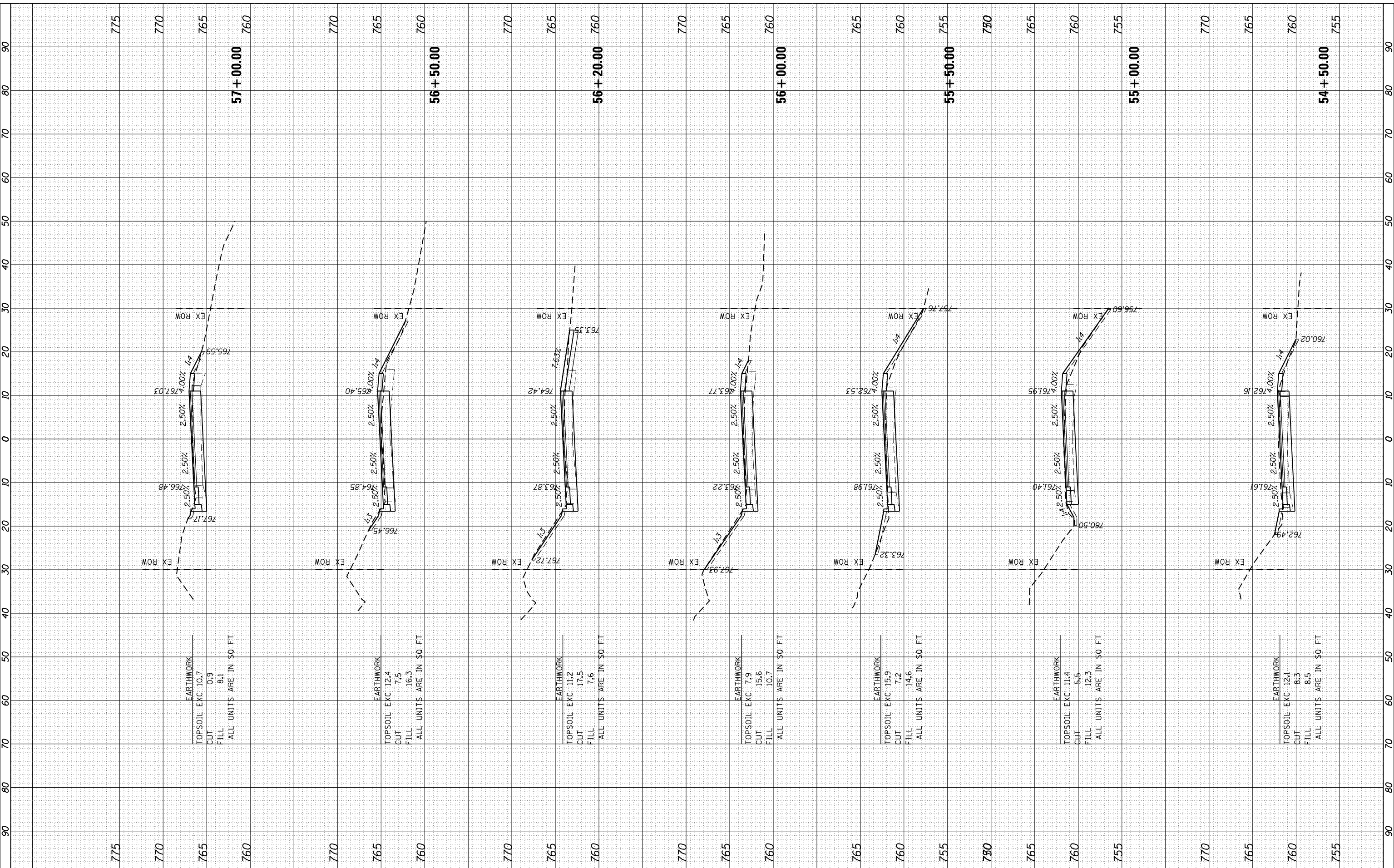
SCALE: 10H:5V SHEET NO. 7 OF 14 SHEETS STA. 52+00.00 TO STA. 54+00.00

F.A.U. RTE.	SECTION NO.	COUNTY	TOTAL SHEETS	SHEET NO.
3858	17-14172-01-SP	MCHENRY	51	44
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		
		CONTRACT NO. 61F99		

FINAL SURVEY	SURVEYED	BY	DATE
NOTE BOOK	PLOTTED		
NO.	TEMPLATE		
	AREAS CHECKED		
	AREAS CHECKED		

ORIGINAL SURVEY	SURVEYED	BY	DATE
NOTE BOOK	PLOTTED		
NO.	TEMPLATE		
	AREAS CHECKED		
	AREAS CHECKED		

HRG PROJECT NO.: 160444
 FILE NAME: 17-14172-01-SP-KC.dgn
 PLOT DRIVER: ll.pdf.plt
 PEN TABLE: p10.tbl



EARTHWORK
 TOPSOIL EXC 10.7
 CUT 0.9
 FILL 8.1
 ALL UNITS ARE IN SO FT

EARTHWORK
 TOPSOIL EXC 12.4
 CUT 7.5
 FILL 16.3
 ALL UNITS ARE IN SO FT

EARTHWORK
 TOPSOIL EXC 11.2
 CUT 17.5
 FILL 7.6
 ALL UNITS ARE IN SO FT

EARTHWORK
 TOPSOIL EXC 7.9
 CUT 15.6
 FILL 10.7
 ALL UNITS ARE IN SO FT

EARTHWORK
 TOPSOIL EXC 15.9
 CUT 7.2
 FILL 14.6
 ALL UNITS ARE IN SO FT

EARTHWORK
 TOPSOIL EXC 11.4
 CUT 5.5
 FILL 12.3
 ALL UNITS ARE IN SO FT

EARTHWORK
 TOPSOIL EXC 12.1
 CUT 8.3
 FILL 8.5
 ALL UNITS ARE IN SO FT

HRGreen
 HRGreen.com
 Illinois Professional Design Firm
 #184-001322

USER NAME	= bhar-tm
DESIGNED	- BH
DRAWN	- DMS
REVISOR	-
REVISION	- 2/24/2020
CHECKED	- AC
DATE	- 8/25/2019
REVISOR	-
REVISION	-
REVISOR	-
REVISION	-

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

**CROSS SECTIONS
 LILY LAKE ROAD**

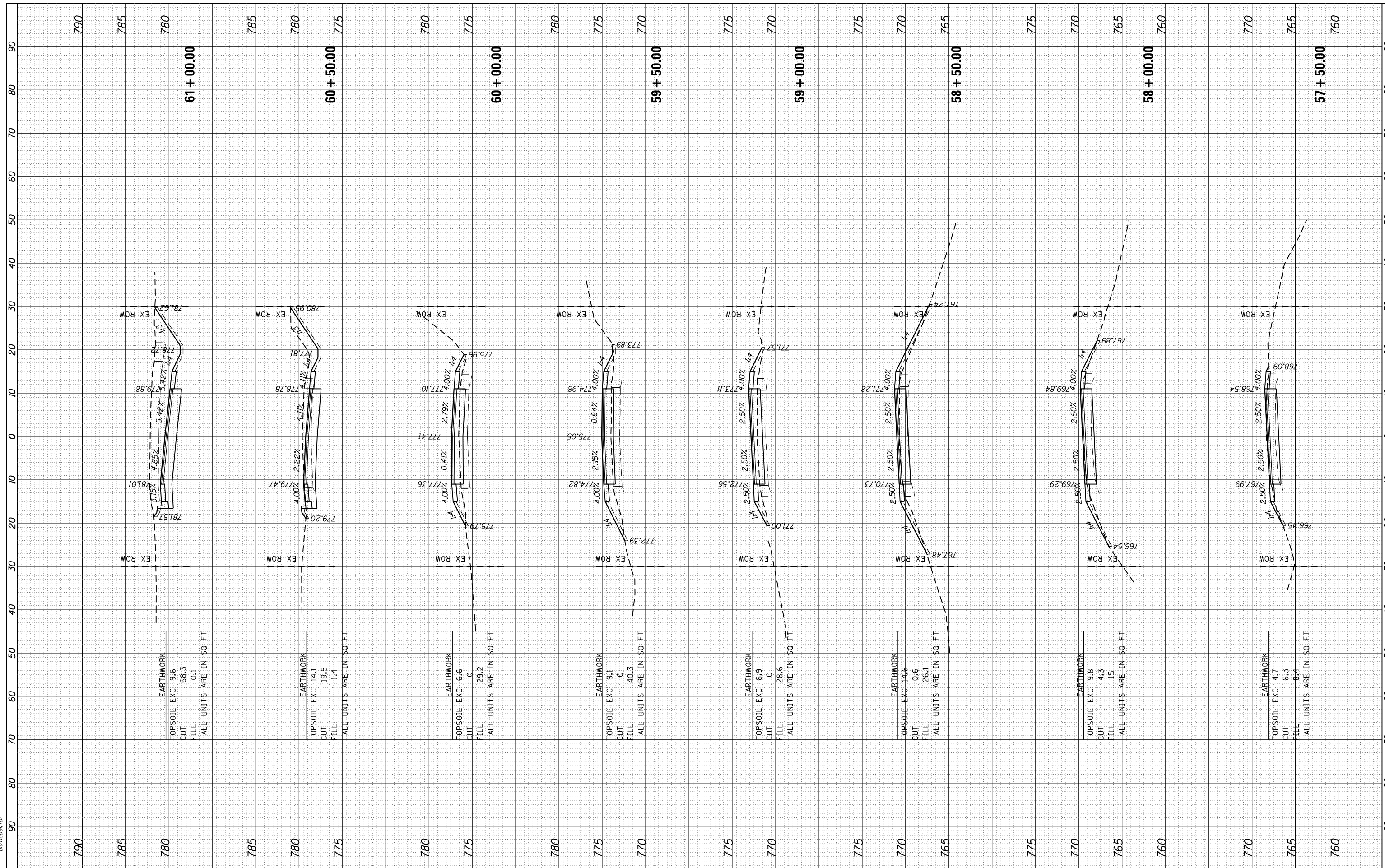
SCALE: 10H:5V SHEET NO. 8 OF 14 SHEETS STA. 54+50.00 TO STA. 57+00.00

F.A.U. RTE.	SECTION NO.	COUNTY	TOTAL SHEETS	SHEET NO.
3858	17-14172-01-SP	MCHENRY	51	45
FED. ROAD DIST. NO.	ILLINOIS FED. AID PROJECT	CONTRACT NO. 61F99		

FINAL SURVEY NO.	SURVEYED	BY	DATE
NOTE BOOK NO.	PLOTTED		
AREAS CHECKED	TEMPLATE		
	AREAS CHECKED		

ORIGINAL SURVEY NO.	SURVEYED	BY	DATE
NOTE BOOK NO.	PLOTTED		
AREAS CHECKED	TEMPLATE		
	AREAS CHECKED		

HRG PROJECT NO.: 160444
 FILE NAME: 160444-01-KSC.dgn
 PLOT DRIVER: ll.pdf.plt
 PEN TABLE: p01.tbl



EARTHWORK
 TOPSOIL EXC 9.6
 CUT 68.3
 FILL 0.1
 ALL UNITS ARE IN \$0 FT

EARTHWORK
 TOPSOIL EXC 14.1
 CUT 19.5
 FILL 1.4
 ALL UNITS ARE IN \$0 FT

EARTHWORK
 TOPSOIL EXC 6.6
 CUT 0
 FILL 29.2
 ALL UNITS ARE IN \$0 FT

EARTHWORK
 TOPSOIL EXC 9.1
 CUT 0
 FILL 40.3
 ALL UNITS ARE IN \$0 FT

EARTHWORK
 TOPSOIL EXC 6.9
 CUT 0
 FILL 28.6
 ALL UNITS ARE IN \$0 FT

EARTHWORK
 TOPSOIL EXC 14.6
 CUT 0.6
 FILL 26.1
 ALL UNITS ARE IN \$0 FT

EARTHWORK
 TOPSOIL EXC 9.8
 CUT 4.3
 FILL 15
 ALL UNITS ARE IN \$0 FT

EARTHWORK
 TOPSOIL EXC 4.7
 CUT 6.3
 FILL 8.4
 ALL UNITS ARE IN \$0 FT

HRGreen.com
 Illinois Professional Design Firm
 #184-001322

USER NAME = bhar-tmo	DESIGNED - BH	REVISED - 2/24/2020
PLOT SCALE =	DRAWN - DMS	REVISED -
PLOT DATE = 2/24/2020	CHECKED - AC	REVISED -
	DATE - 8/25/2019	REVISED -

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

**CROSS SECTIONS
 LILY LAKE ROAD**

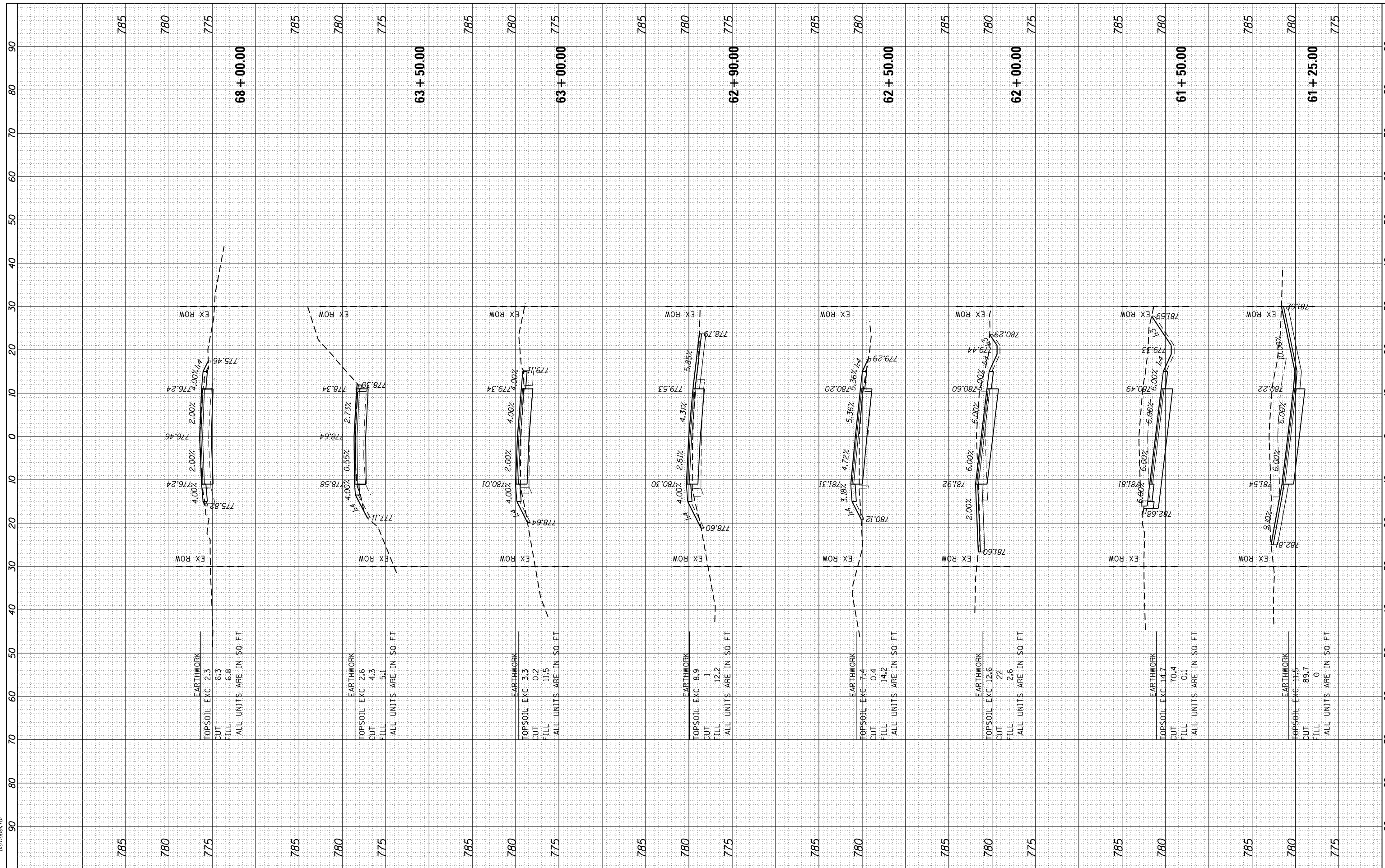
SCALE: 10H:5V SHEET NO. 9 OF 14 SHEETS STA. 57+50.00 TO STA. 61+00.00

F.A.U. RE.	SECTION NO.	COUNTY	TOTAL SHEETS	SHEET NO.
3858	17-14172-01-5P	MCHENRY	51	46
CONTRACT NO. 61F99				
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT				

FINAL SURVEY	SURVEYED	BY	DATE
NOTE BOOK	PLOTTED		
AREAS CHECKED	TEMPLATE		
	AREAS CHECKED		

ORIGINAL SURVEY	SURVEYED	BY	DATE
NOTE BOOK	PLOTTED		
AREAS CHECKED	TEMPLATE		
	AREAS CHECKED		

HRG PROJECT NO: 160444
 FILE NAME: 160444-01-KC.dgn
 PLOT DRIVER: ll.pdf, lw, gfcg
 PEN TABLE: p01tbl.tbl



HRGreen
 Illinois Professional Design Firm
 #184-001322

USER NAME = bhar-ta	DESIGNED - BH	REVISED - 2/24/2020
	DRAWN - DMS	REVISED -
PLOT SCALE =	CHECKED - AC	REVISED -
PLOT DATE = 2/24/2020	DATE - 8/25/2019	REVISED -

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

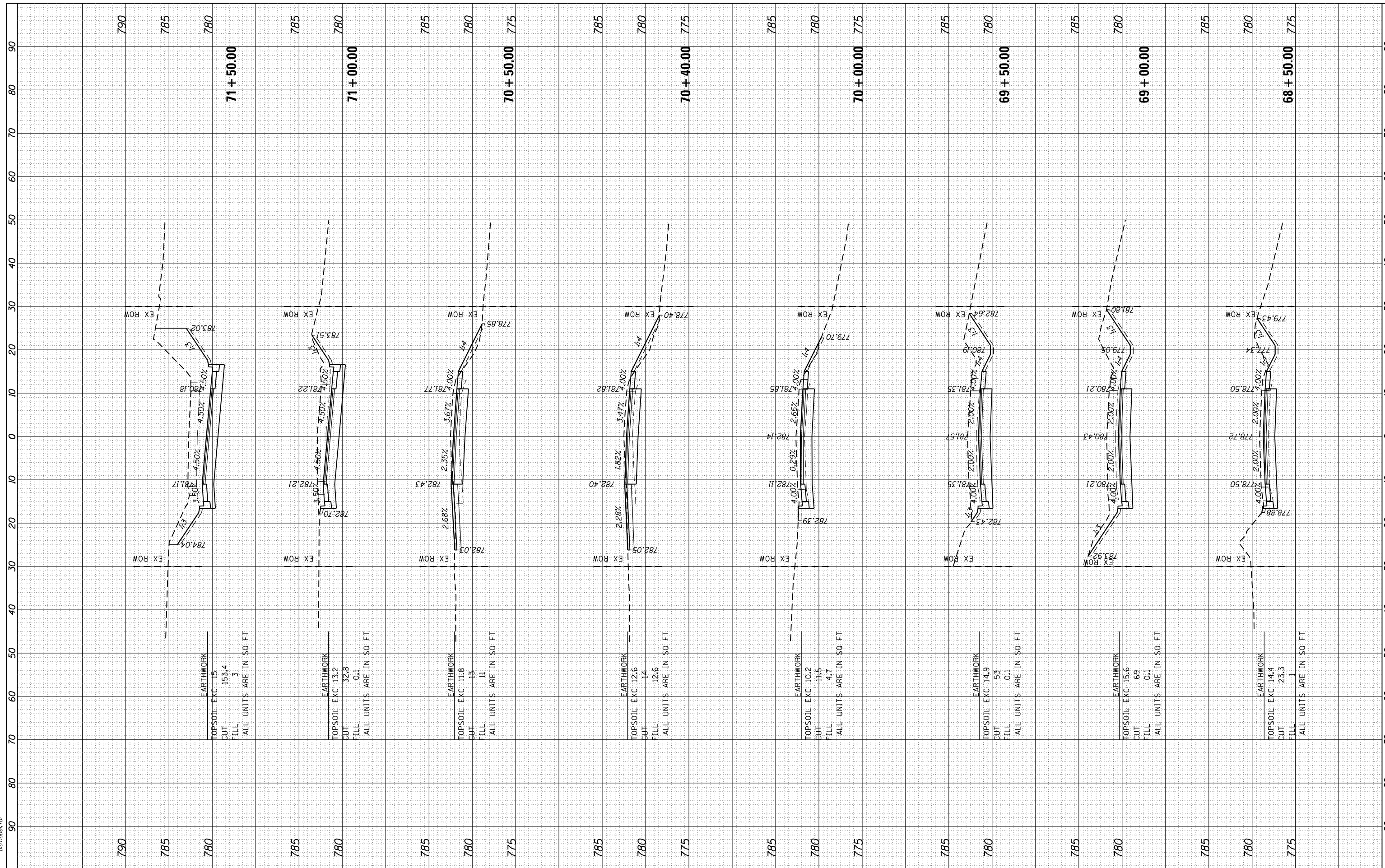
SCALE: 10H:5V	SHEET NO. 10	OF 14 SHEETS	STA. 61+25.00	TO STA. 68+00.00
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F.A.U. RTE.	SECTION NO.	COUNTY	TOTAL SHEETS	SHEET NO.
3858	17-14172-01-5P	MCHENRY	51	47
FED. ROAD DIST. NO.	ILLINOIS FED. AID PROJECT	CONTRACT NO.	61F99	

FINAL SURVEY NO.	SURVEYED	BY	DATE
NOTE BOOK NO.	PLOTTED		
	TEMPLATE		
	AREAS CHECKED		
	AREAS CHECKED		

ORIGINAL SURVEY NO.	SURVEYED	BY	DATE
NOTE BOOK NO.	PLOTTED		
	TEMPLATE		
	AREAS CHECKED		
	AREAS CHECKED		

HRG PROJECT NO.: 160444
 FILE NAME: 17-14172-01-SP-KSC.dgn
 PLOT DRIVER: ll.pdf.plt
 PEN TABLE: p01.tbl



USER NAME = bhar-tmo	DESIGNED - BH	REVISED - 2/24/2020
DESIGNED - DMS	DRAWN - DMS	REVISED -
CHECKED - AC	REVISOR -	REVISED -
DATE - 8/25/2019	DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**CROSS SECTIONS
LILY LAKE ROAD**

SCALE: 10H:5V SHEET NO. 11 OF 14 SHEETS STA. 68+50.00 TO STA. 71+50.00

F.A.U. RTE. 3858	SECTION NO. 17-14172-01-5P	COUNTY MCHENRY	TOTAL SHEETS 51	SHEET NO. 48
FED. ROAD DIST. NO.	ILLINOIS FED. AID PROJECT	CONTRACT NO. 61F99		

FINAL SURVEY NO.	SURVEYED BY	DATE
NOTE BOOK NO.	PLOTTED BY	
AREAS CHECKED	TEMPLATE	
	AREAS CHECKED	

ORIGINAL SURVEY NO.	SURVEYED BY	DATE
NOTE BOOK NO.	PLOTTED BY	
AREAS CHECKED	TEMPLATE	
	AREAS CHECKED	

HRG PROJECT NO.: 160444
 ILLINOIS CONTRACT: 160444-01-KC.dgn
 FILE NAME: 160444-01-KC.dgn
 PLOT DRIVER: ll.pdf_wkstc9
 PEN TABLE: p01tbln.tbl

