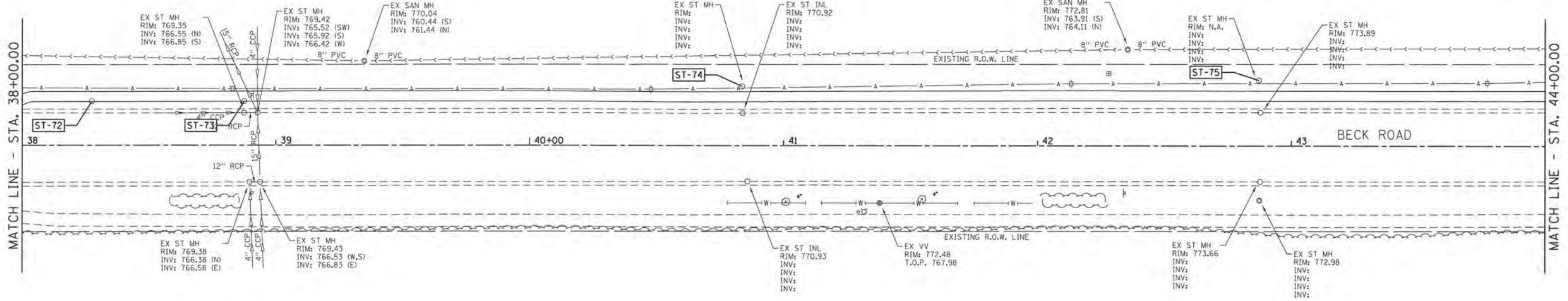
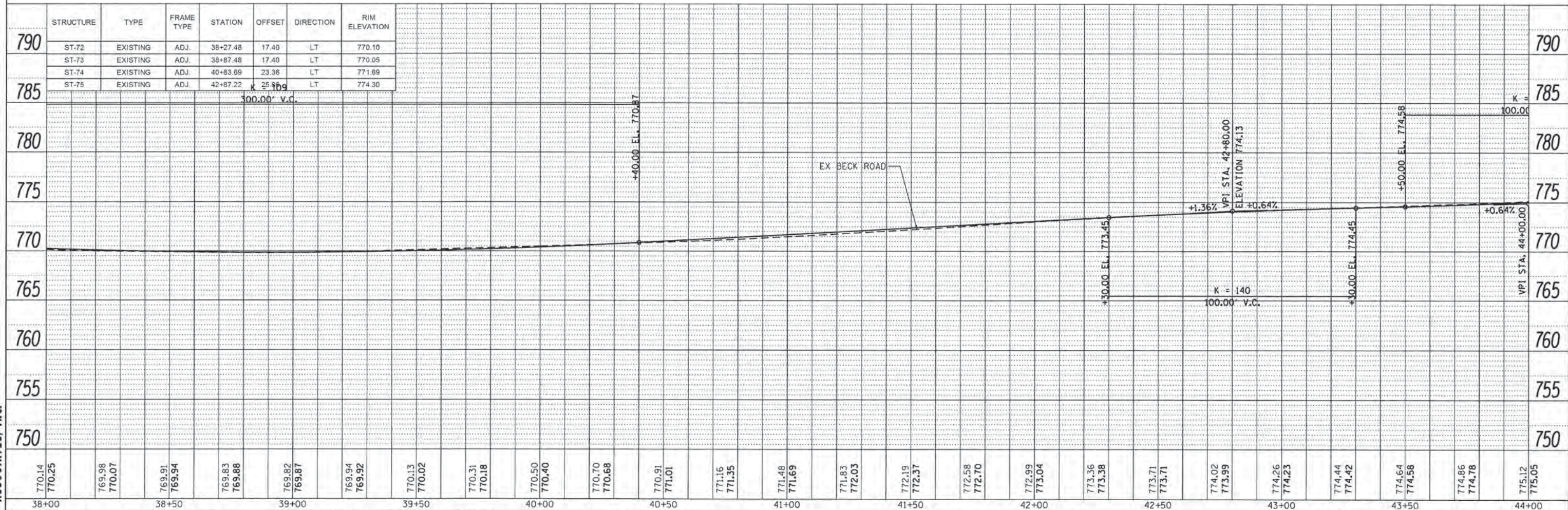




PLAN	SURVEYED	DATE	2/10/14
	PLOTTED	DATE	2/25/14
	NOTE BOOK	NO. OF WAY CHECKED	57/71
		CADD FILE NAME	4477-DRAIN07.dgn



PROFILE	SURVEYED	DATE	2/10/14
	PLOTTED	DATE	2/25/14
	NOTE BOOK	NO. OF WAY CHECKED	57/71
		STRUCTURE NOTATIONS CHKD	57/71



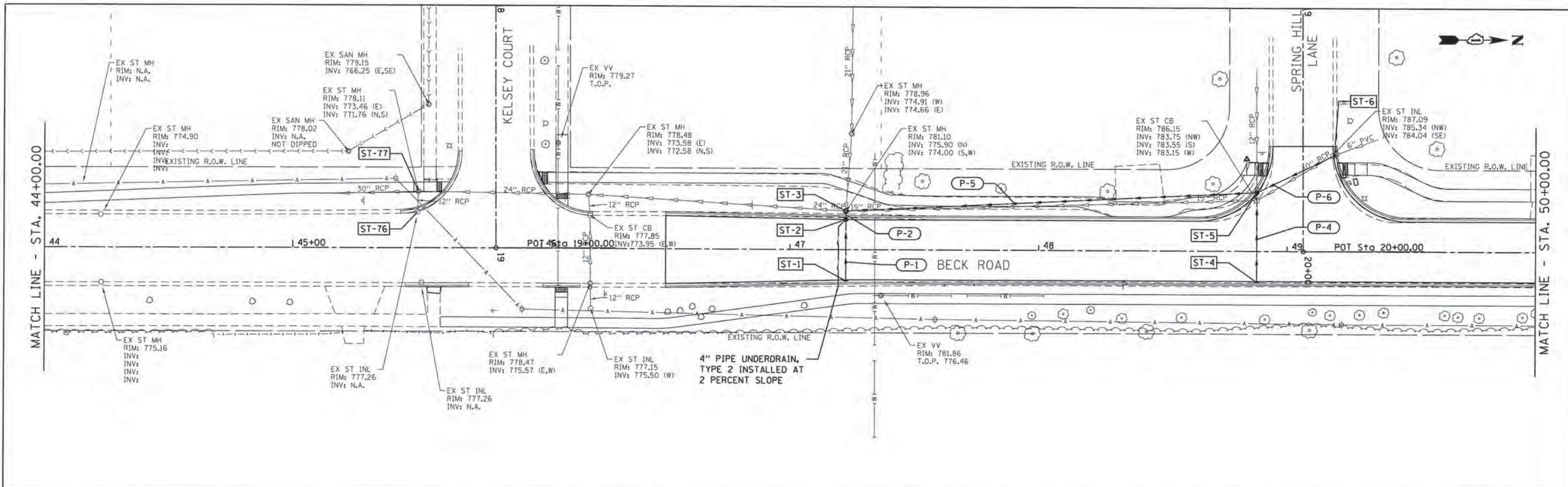
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PLOT SCALE = 1:20	CHECKED - KLB	REVISED -	REVISED -			SCALE: 1"=20'	SHEET 7 OF 19 SHEETS	STA. 38+00.00	TO STA. 44+00.00	CONTRACT NO. 61C68	ILLINOIS FED. AID PROJECT
PLOT DATE = 1/25/2016	DATE -	REVISED -	REVISED -								





PLAN	SURVEYED	DATE	BY
	PLOTTED	2/10/24	MAC
	ALIGNED	7/25/2016	MAC
	CHECKED	5/7/24	MAC
	NO.	4177RAIN08.DWG	MAC

PROFILE	SURVEYED	DATE	BY
	PLOTTED	2/10/24	MAC
	ALIGNED	7/25/2016	MAC
	CHECKED	5/7/24	MAC
	NO.	4177RAIN08.DWG	MAC



ELEVATION	STRUCTURE	TYPE	SIZE (IN)	RESTRICTED DEPTH	FRAME TYPE	STATION	OFFSET	DIRECTION	RIM ELEVATION	INVERT ELEVATIONS					PIPE	UPSTREAM STRUCTURE	DOWNSTREAM STRUCTURE	LENGTH (FT)	SIZE (IN)	CLASS	TYPE	SLOPE (%)	UPSTREAM INVERT	DOWNSTREAM INVERT	TRENCH BACKFILL (CU. YD.)	ELEVATION
										N	S	W	E	NW												
800	ST-1	TYPE A INLET	24		11	47+22.46	12.40	RT	780.85																800	
	ST-2	TYPE A CB - SLAB TOP	48		11	47+22.48	12.04	LT	780.88																	
	ST-3	TYPE A MH - SLAB TOP	60		1, CL	47+22.48	15.43	LT	781.40	775.14	774.00	775.50	777.23													
795	ST-4	TYPE A INLET	24		11	48+87.78	12.33	RT	786.85																795	
	ST-5	TYPE A CB - SLAB TOP	48		11	48+87.77	20.28	LT	788.75	783.63	780.10	783.55	783.67													
	ST-6	TYPE A INLET	24		11	49+18.91	38.52	LT	787.30	785.34	783.80															
790	ST-76	EXISTING			ADJ.	45+50.17	14.42	LT	777.41																790	
	ST-77	EXISTING			ADJ.	45+50.47	22.66	LT	777.67																	

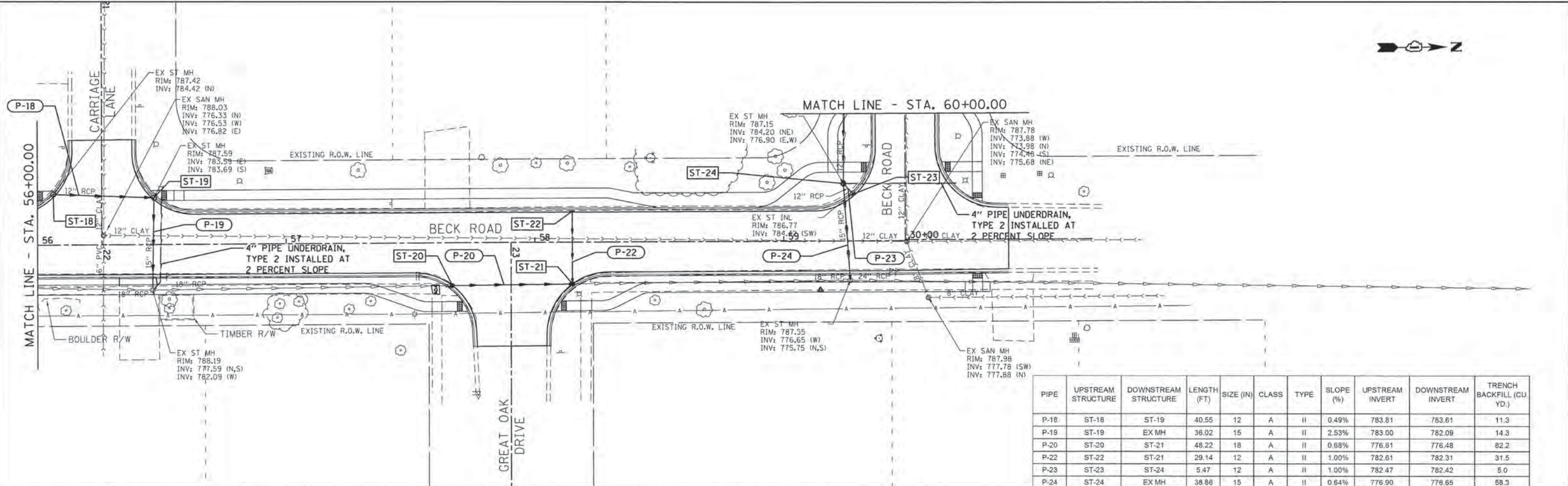
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PLOT SCALE = 1:20	CHECKED - KLB	REVISED -												
PLOT DATE = 1/25/2016	DATE -	REVISED -												

ILLINOIS FED. AID PROJECT

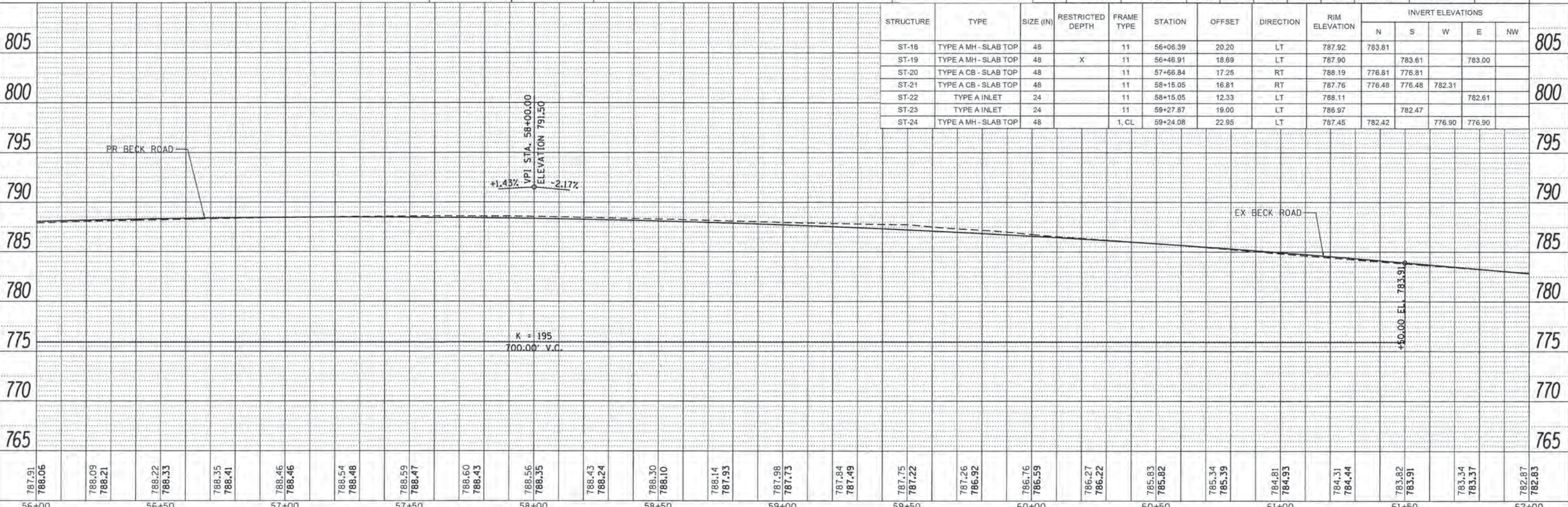








PIPE	UPSTREAM STRUCTURE	DOWNSTREAM STRUCTURE	LENGTH (FT)	SIZE (IN)	CLASS	TYPE	SLOPE (%)	UPSTREAM INVERT	DOWNSTREAM INVERT	TRENCH BACKFILL (CU YD.)
P-18	ST-18	ST-19	40.55	12	A	II	0.49%	783.81	783.61	11.3
P-19	ST-19	EX MH	36.02	15	A	II	2.53%	783.00	782.09	14.3
P-20	ST-20	ST-21	48.22	18	A	II	0.88%	776.81	776.48	82.2
P-22	ST-22	ST-21	29.14	12	A	II	1.00%	782.61	782.31	31.5
P-23	ST-23	ST-24	5.47	12	A	II	1.00%	782.47	782.42	5.0
P-24	ST-24	EX MH	38.86	15	A	II	0.64%	776.90	776.65	58.3



STATION	ELEVATION	STRUCTURE	TYPE	SIZE (IN)	RESTRICTED DEPTH	FRAME TYPE	STATION	OFFSET	DIRECTION	RIM ELEVATION	INVERT ELEVATIONS				
											N	S	W	E	NW
56+00	787.91	ST-18	TYPE A MH - SLAB TOP	48		11	56+06.39	20.20	LT	787.92	783.81				
56+00	788.06	ST-19	TYPE A MH - SLAB TOP	48	X	11	56+46.91	18.69	LT	787.90		783.61			783.00
56+00	788.09	ST-20	TYPE A CB - SLAB TOP	48		11	57+66.84	17.25	RT	788.19	776.81	776.81			
56+00	788.21	ST-21	TYPE A CB - SLAB TOP	48		11	58+15.05	16.81	RT	787.76	776.48	776.48	782.31		
56+00	788.22	ST-22	TYPE A INLET	24		11	58+15.05	12.33	LT	788.11				782.61	
56+00	788.33	ST-23	TYPE A INLET	24		11	59+27.87	19.00	LT	786.97		782.47			
56+00	788.35	ST-24	TYPE A MH - SLAB TOP	48		1, CL	59+24.08	22.95	LT	787.45	782.42		776.90	776.90	
56+00	788.35														
56+00	788.43														
56+00	788.46														
56+00	788.46														
56+00	788.54														
56+00	788.48														
56+00	788.59														
56+00	788.47														
56+00	788.60														
56+00	788.43														
56+00	788.56														
56+00	788.35														
56+00	788.43														
56+00	788.24														
56+00	788.30														
56+00	788.10														
56+00	788.14														
56+00	787.93														
56+00	787.98														
56+00	787.73														
56+00	787.84														
56+00	787.49														
56+00	787.75														
56+00	787.22														
56+00	787.26														
56+00	786.92														
56+00	786.76														
56+00	786.59														
56+00	786.27														
56+00	786.22														
56+00	785.83														
56+00	785.82														
56+00	785.34														
56+00	785.39														
56+00	784.81														
56+00	784.93														
56+00	784.31														
56+00	784.44														
56+00	783.82														
56+00	783.91														
56+00	783.34														
56+00	783.37														
56+00	782.87														
56+00	782.83														

PLAN  
 SURVEYED BY: [Name]  
 DATE: 2/10/16  
 CHECKED BY: [Name]  
 DATE: 2/10/16  
 DRAWN BY: [Name]  
 DATE: 2/10/16  
 FILE NO.: 4477-025

PROFILE  
 SURVEYED BY: [Name]  
 DATE: 2/10/16  
 CHECKED BY: [Name]  
 DATE: 2/10/16  
 DRAWN BY: [Name]  
 DATE: 2/10/16  
 FILE NO.: 4477-025



FILE NAME: 4477-DRAIN10.dgn  
 USER: macoleman  
 PLOT SCALE: 1/2"=1'-0"  
 PLOT DATE: 2/9/2016

DESIGNED: MAC  
 DRAWN: ZCW  
 CHECKED: KLB  
 DATE: [Blank]

REVISED: [Blank]  
 REVISED: [Blank]  
 REVISED: [Blank]  
 REVISED: [Blank]

STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION

DRAINAGE & UTILITIES PLAN  
 BECK ROAD

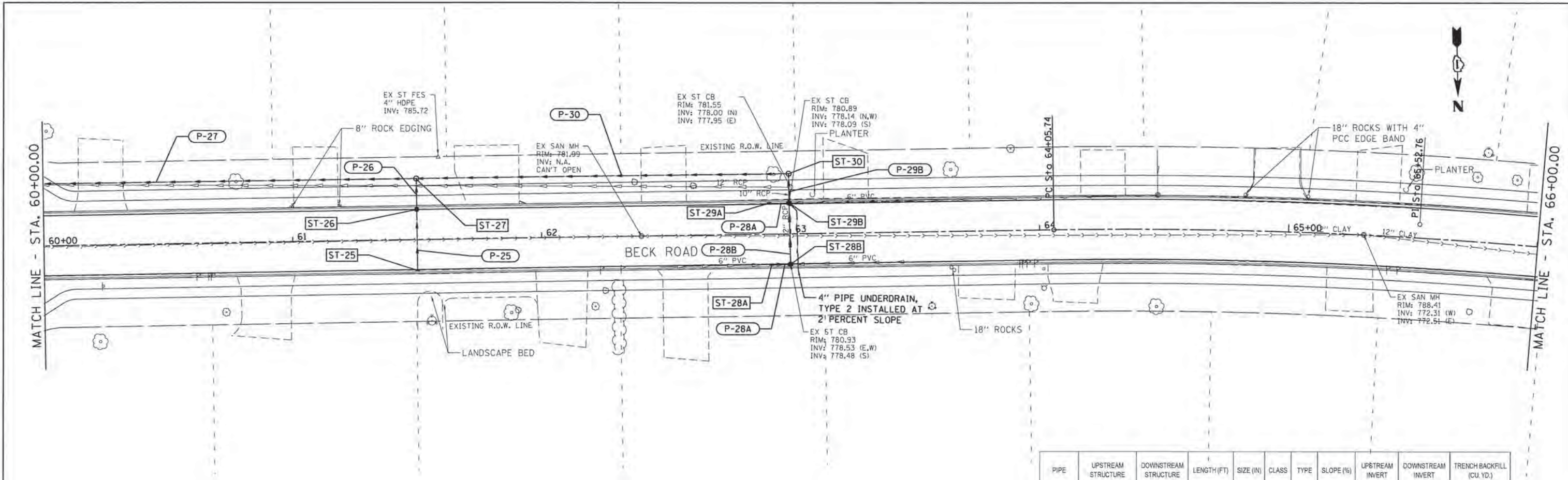
SCALE: 1"=20'  
 SHEET 10 OF 19 SHEETS  
 STA. 56+00.00 TO STA. 60+00.00

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
160	14-00030-00-RS	LAKE	213	104
CONTRACT NO. 61C68				
ILLINOIS FED. AID PROJECT				



PLAN	DATE	BY
PLotted	2/10/14	GHA
NOTE BOOK	CHECKED	NO. 4477-DRAIN1.dgn
NO.	NO. 4477-025	DATE 5/7/14
	DATE 5/7/14	NO. 4477-DRAIN1.dgn

PROFILE	DATE	BY
PLotted	2/10/14	GHA
NOTE BOOK	CHECKED	NO. 4477-DRAIN1.dgn
NO.	NO. 4477-025	DATE 5/7/14
	DATE 5/7/14	NO. 4477-DRAIN1.dgn



STRUCTURE	TYPE	SIZE (IN)	RESTRICTED DEPTH	FRAME TYPE	STATION	OFFSET	DIRECTION	RIM ELEVATION	INVERT ELEVATIONS						
									N	S	W	E	NW		
805	ST-25	TYPE A INLET	24	11	61+50.00	12.33	RT	783.73							
	ST-26	TYPE A CB - SLAB TOP	48	11	61+50.00	12.00	LT	783.73	778.48	778.48					
	ST-27	TYPE A MH - SLAB TOP	48	1, CL	61+50.00	24.39	LT	784.55	778.42		777.32	777.79			
800	ST-28A	TYPE A INLET	24	11	62+92.23	12.26	RT	781.18			778.29				
	ST-28B	TYPE A CB - SLAB TOP	48	11	62+99.84	12.19	RT	781.25			778.25	778.25			
	ST-29A	TYPE A INLET	24	11	62+91.62	12.44	LT	781.18			778.16				
	ST-29B	TYPE A CB - SLAB TOP	48	11	62+99.53	12.34	LT	781.24	778.12	778.12		778.12			
795	ST-30	TYPE A MH - SLAB TOP	48	X	62+99.53	24.06	LT	781.97	778.07			778.07			

PIPE	UPSTREAM STRUCTURE	DOWNSTREAM STRUCTURE	LENGTH (FT)	SIZE (IN)	CLASS	TYPE	SLOPE (%)	UPSTREAM INVERT	DOWNSTREAM INVERT	TRENCH BACKFILL (CU. YD.)
P-25	ST-25	ST-26	24.33	12	A	II	1.00%	778.73	778.48	8.8
P-26	ST-26	ST-27	12.39	12	A	II	0.50%	778.48	778.42	8.2
P-27	ST-27	ST-28A	178.11	12	A	II	0.50%	777.79	776.90	
P-28A	ST-28A	ST-28B	8.00	12	A	I	0.50%	778.29	778.25	1.5
P-28B	ST-28B	ST-29B	24.53	12	A	I	0.50%	778.25	778.12	1.7
P-29A	ST-29A	ST-29B	8.00	12	A	I	0.50%	778.16	778.12	1.1
P-29B	ST-29B	ST-30	11.72	12	A	I	0.50%	778.12	778.07	1.2
P-30	ST-30	ST-27	149.55	12	A	II	0.50%	778.07	777.32	

786.76 786.59	786.27 786.22	785.83 785.82	785.34 785.39	784.81 784.93	784.31 784.44	783.82 783.91	783.34 783.37	782.87 782.83	782.47 782.29	781.84 781.78	781.59 781.49	781.41 781.43	781.54 781.59	781.84 781.99	782.51 782.61	783.37 783.45	784.47 784.53	785.69 785.79	786.76 787.05	787.74 787.95	788.33 788.38	788.23 788.34	787.28 787.82	786.02 786.83
60+00	60+50	61+00	61+50	62+00	62+50	63+00	63+50	64+00	64+50	65+00	65+50	66+00												

FILE NAME = 4477-DRAIN1.dgn  
GHA# 4477-025  
Default

USER NAME = mcoleman  
PLOT SCALE = 1/20  
PLOT DATE = 1/25/2016

DESIGNED - MAC  
DRAWN - ZCW  
CHECKED - KLB  
DATE -

REVISED -  
REVISED -  
REVISED -  
REVISED -

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

DRAINAGE & UTILITIES PLAN  
BECK ROAD  
SCALE: 1"=20'  
SHEET 11 OF 19 SHEETS  
STA. 60+00.00 TO STA. 66+00.00

F.A.U. RTE. 160  
SECTION 14-00030-00-RS  
COUNTY LAKE  
TOTAL SHEETS 213  
SHEET NO. 105  
CONTRACT NO. 61C68  
ILLINOIS FED. AID PROJECT









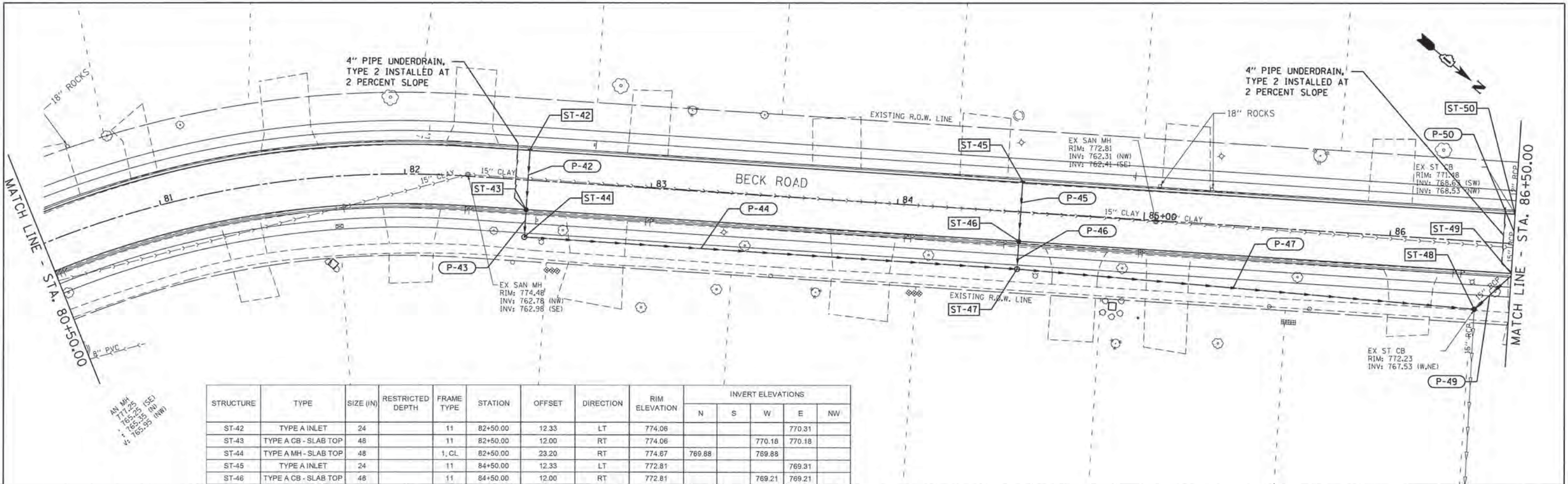




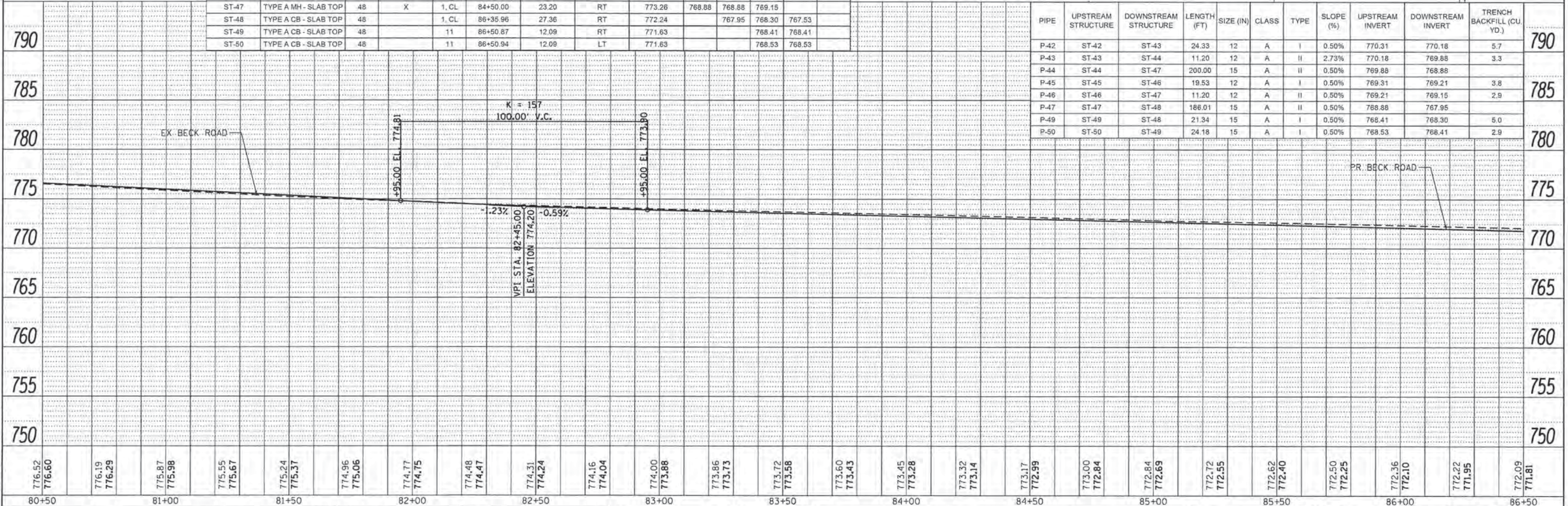


PLAN	SURVEYED	DATE	BY
PLOTTED	2/10/16	CHA	BY
CHECKED	2/10/16	CHA	BY
NO. OF WAY CHECKED	5/7/14	CHA	BY
CADD FILE NAME	4477-DRAIN15.dgn		
NO.			

PROFILE	SURVEYED	DATE	BY
PLOTTED	2/10/16	CHA	BY
CHECKED	2/10/16	CHA	BY
NO. OF WAY CHECKED	5/7/14	CHA	BY
STRUCTURE NOTATION'S CHYD			
NO.			



STRUCTURE	TYPE	SIZE (IN)	RESTRICTED DEPTH	FRAME TYPE	STATION	OFFSET	DIRECTION	RIM ELEVATION	INVERT ELEVATIONS					
									N	S	W	E	NW	
ST-42	TYPE A INLET	24		11	82+50.00	12.33	LT	774.06					770.31	
ST-43	TYPE A CB - SLAB TOP	48		11	82+50.00	12.00	RT	774.06			770.18		770.18	
ST-44	TYPE A MH - SLAB TOP	48		1, CL	82+50.00	23.20	RT	774.67	769.88		769.88			
ST-45	TYPE A INLET	24		11	84+50.00	12.33	LT	772.81					769.31	
ST-46	TYPE A CB - SLAB TOP	48		11	84+50.00	12.00	RT	772.81			769.21		769.21	
ST-47	TYPE A MH - SLAB TOP	48	X	1, CL	84+50.00	23.20	RT	773.26	768.88	768.88	769.15			
ST-48	TYPE A CB - SLAB TOP	48		1, CL	86+35.96	27.36	RT	772.24		767.95	768.30	767.53		
ST-49	TYPE A CB - SLAB TOP	48		11	86+50.87	12.09	RT	771.63			768.41	768.41		
ST-50	TYPE A CB - SLAB TOP	48		11	86+50.94	12.09	LT	771.63			768.53	768.53		



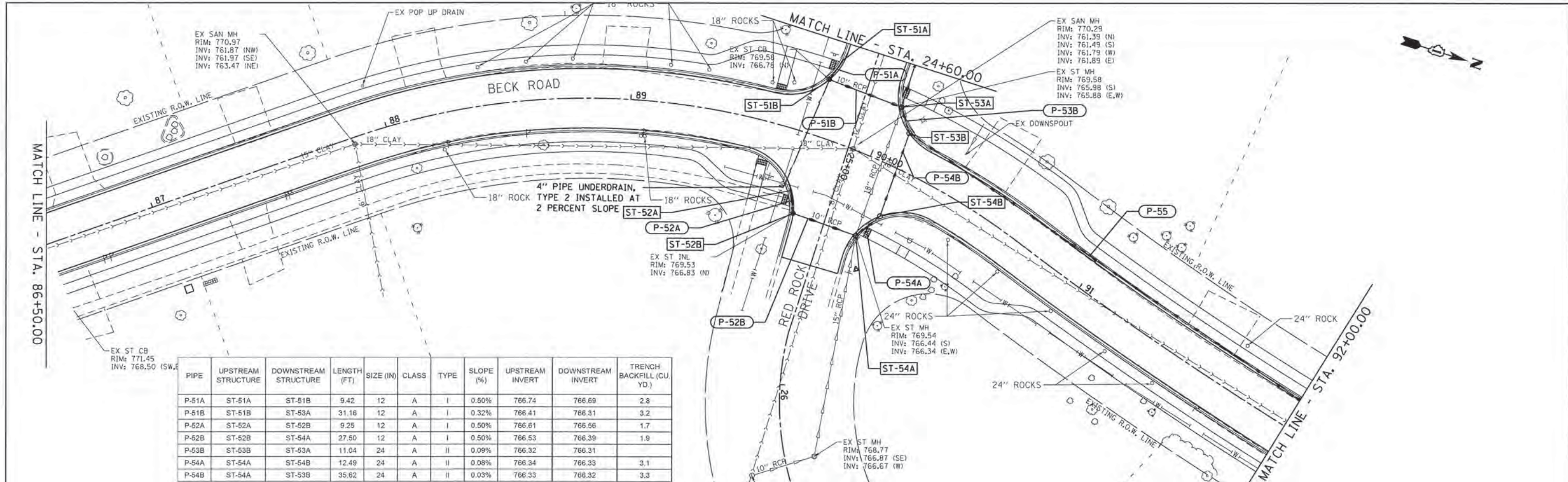
PIPE	UPSTREAM STRUCTURE	DOWNSTREAM STRUCTURE	LENGTH (FT)	SIZE (IN)	CLASS	TYPE	SLOPE (%)	UPSTREAM INVERT	DOWNSTREAM INVERT	TRENCH BACKFILL (CU YD.)
P-42	ST-42	ST-43	24.33	12	A	I	0.50%	770.31	770.18	5.7
P-43	ST-43	ST-44	11.20	12	A	II	2.73%	770.18	769.88	3.3
P-44	ST-44	ST-47	200.00	15	A	II	0.50%	769.88	768.88	
P-45	ST-45	ST-46	19.53	12	A	I	0.50%	769.31	769.21	3.8
P-46	ST-46	ST-47	11.20	12	A	II	0.50%	769.21	769.15	2.9
P-47	ST-47	ST-48	186.01	15	A	II	0.50%	768.88	767.95	
P-49	ST-49	ST-48	21.34	15	A	I	0.50%	768.41	768.30	5.0
P-50	ST-50	ST-49	24.18	15	A	I	0.50%	768.53	768.41	2.9

FILE NAME = 4477-DRAIN15.dgn	USER NAME = mcoleman	DESIGNED - MAC	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	DRAINAGE & UTILITIES PLAN BECK ROAD	F.A.U. RTE. = 160	SECTION = 14-00030-00-RS	COUNTY = LAKE	TOTAL SHEETS = 213	SHEET NO. = 109		
Default	PLOT SCALE = 1/2"=20'	DRAWN - ZCW	REVISED -			SCALE: 1"=20'	SHEET 15 OF 19 SHEETS	STA. 81+00.00	TO STA. 87+00.00	CONTRACT NO. 61C68		
	PLOT DATE = 1/25/2016	CHECKED - KLB	REVISED -			ILLINOIS FED. AID PROJECT						
		DATE -	REVISED -									



DATE	2/20/24
BY	GHA
PROJECT	4477-DRAINAGE
DESCRIPTION	BECK ROAD
CHECKED	KL
NOTED	KL
NO.	4477-DRAINAGE

DATE	2/20/24
BY	GHA
PROJECT	4477-DRAINAGE
DESCRIPTION	BECK ROAD
CHECKED	KL
NOTED	KL
NO.	4477-DRAINAGE



PIPE	UPSTREAM STRUCTURE	DOWNSTREAM STRUCTURE	LENGTH (FT)	SIZE (IN)	CLASS	TYPE	SLOPE (%)	UPSTREAM INVERT	DOWNSTREAM INVERT	TRENCH BACKFILL (CU. YD.)
P-51A	ST-51A	ST-51B	9.42	12	A	I	0.50%	766.74	766.69	2.8
P-51B	ST-51B	ST-53A	31.16	12	A	I	0.32%	766.41	766.31	3.2
P-52A	ST-52A	ST-52B	9.25	12	A	I	0.50%	766.61	766.56	1.7
P-52B	ST-52B	ST-54A	27.50	12	A	I	0.50%	766.53	766.39	1.9
P-53B	ST-53B	ST-53A	11.04	24	A	II	0.09%	766.32	766.31	
P-54A	ST-54A	ST-54B	12.49	24	A	II	0.08%	766.34	766.33	3.1
P-54B	ST-54A	ST-53B	35.62	24	A	II	0.03%	766.33	766.32	3.3

STATION	STRUCTURE	TYPE	SIZE (IN)	RESTRICTED DEPTH	FRAME TYPE	STATION	OFFSET	DIRECTION	RIM ELEVATION	INVERT ELEVATIONS				
										N	S	W	E	NW
790	ST-51A	TYPE A INLET	24		11	89+76.93	32.14	LT	769.74				766.74	
790	ST-51B	TYPE A CB - SLAB TOP	48		11	89+74.60	23.26	LT	769.60	766.41		766.69		
785	ST-52A	TYPE A INLET	24		11	89+73.57	24.4	RT	769.61			766.56	766.61	
785	ST-52B	TYPE A CB - SLAB TOP	48		11	89+77.71	32.73	RT	769.53	766.53		766.56		
785	ST-53A	TYPE A CB - SLAB TOP	60		11	90+03.45	23.33	LT	769.57		766.31	766.31	766.31	
780	ST-53B	TYPE A MH - SLAB TOP	60	X	11	90+10.29	15.04	LT	769.69	766.61		766.32	766.32	
780	ST-54A	TYPE A MH - SLAB TOP	60	X	11	90+07.29	31.35	RT	769.52		766.39	766.34	766.34	
780	ST-54B	TYPE A MH - SLAB TOP	48	X	11	90+14.15	20.39	RT	769.62			766.33	766.33	

FILE NAME = 4477-DRAINAGE.dgn	USER NAME = mcoleman	DESIGNED - MAC	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	DRAINAGE & UTILITIES PLAN BECK ROAD	F.A.U. RTE. 160	SECTION 14-00030-00-R5	COUNTY LAKE	TOTAL SHEETS 213	SHEET NO. 110
PLT SCALE = 1/2"=20'	PLT DATE = 1/25/2016	DRAWN - ZCW	REVISOR -	SCALE: 1"=20'	SHEET 16 OF 19 SHEETS	STA. 87+00.00 TO STA. 92+00.00		CONTRACT NO. 61C68		ILLINOIS FED. AID PROJECT





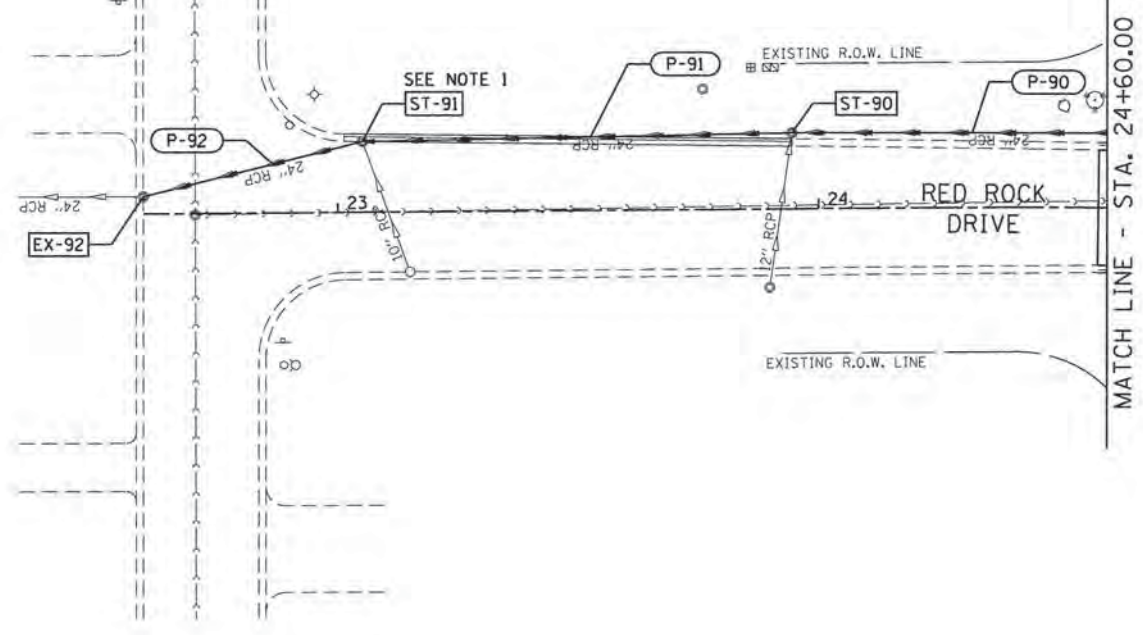






DATE	2/10/16
BY	MAC
PROJECT	4477-DR001
DESCRIPTION	PLAN
NO.	1
CADD FILE NAME	4477-DR001.dgn

DATE	2/10/16
BY	MAC
PROJECT	4477-DR001
DESCRIPTION	PROFILE
NO.	1
CADD FILE NAME	4477-DR001.dgn



STRUCTURE	TYPE	SIZE (IN)	RESTRICTED DEPTH	FRAME TYPE	STATION	OFFSET	DIRECTION	RIM ELEVATION	INVERT ELEVATIONS				
									N	S	W	E	SE
ST-90	TYPE A MH - SLAB TOP	60		1, CL	23+94.55	15.68	LT	770.35		766.70	766.28	766.28	
ST-91	TYPE A CB - SLAB TOP	60		EXISTING	23+05.22	14.56	LT	770.43			766.24	766.24	767.18
EX-92	EXISTING				22+59.55	3.57	LT	770.72			766.22	766.22	

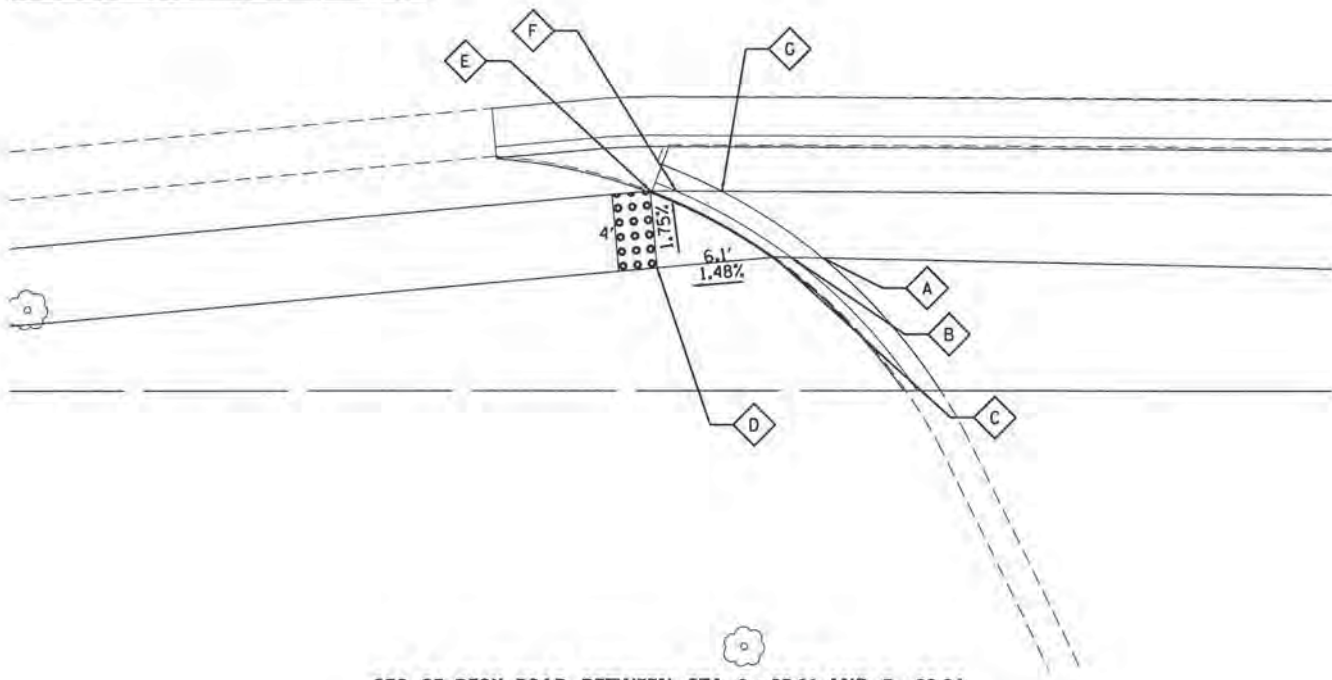
PIPE	UPSTREAM STRUCTURE	DOWNSTREAM STRUCTURE	LENGTH (FT)	SIZE (IN)	CLASS	TYPE	SLOPE (%)	UPSTREAM INVERT	DOWNSTREAM INVERT	TRENCH BACKFILL (CU. YD.)
P-90	ST-53A	ST-65	83.50	24	A	II	0.04%	766.31	766.28	23.3
P-91	ST-65	ST-66	89.00	24	A	II	0.04%	766.28	766.24	26.2
P-92	ST-66	EX-67	47.00	24	A	II	0.04%	766.24	766.22	16.6

- NOTES**
1. THE EXISTING FRAME AND GRATE SHALL BE SALVAGED, AND REUSED FOR PROPOSED STRUCTURE ST-91

[Empty grid for profile plotting]																								
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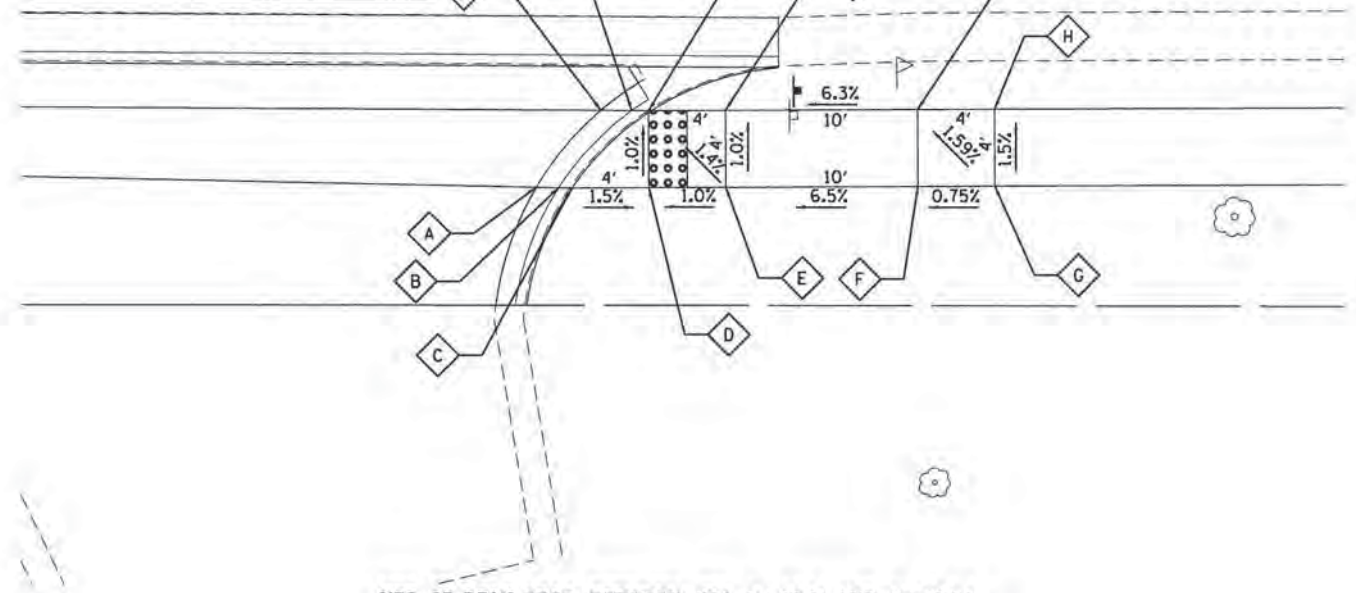


LOCATION	STA.	OFF.	RT/LT	ELEV.
A	6+53.12	26.06	RT	799.99
B	6+51.46	26.02	RT	799.92
C	6+50.46	26.01	RT	799.95
D	6+44.49	26.55	RT	799.86
E	6+44.13	22.57	RT	799.79
F	6+45.49	22.57	RT	799.68
G	6+47.85	22.58	RT	799.78

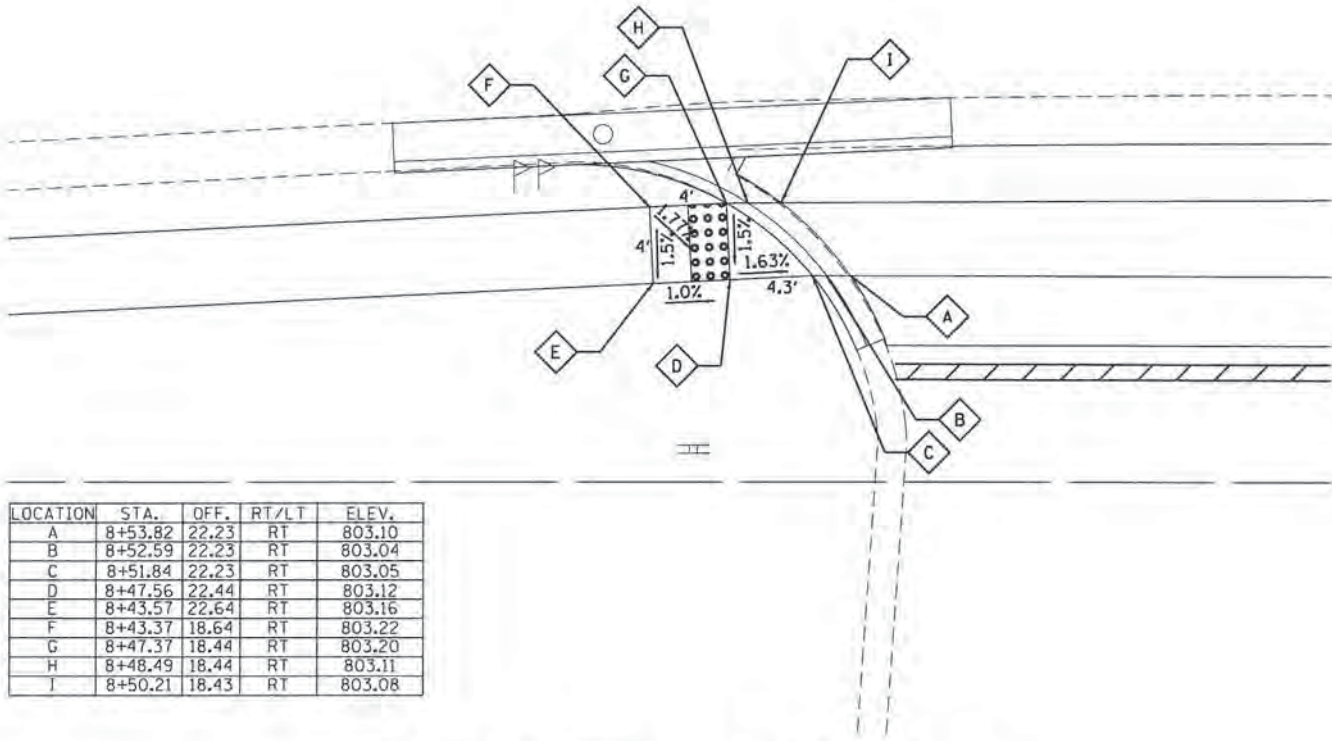


SEC OF BECK ROAD BETWEEN STA 6+35.91 AND 7+03.64

LOCATION	STA.	OFF.	RT/LT	ELEV.
A	6+91.07	26.81	RT	801.33
B	6+92.23	26.83	RT	801.27
C	6+92.92	26.85	RT	801.30
D	6+96.92	26.82	RT	801.24
E	7+00.92	26.80	RT	801.28
F	7+10.92	26.74	RT	801.93
G	7+14.92	26.71	RT	801.96
H	7+14.90	22.71	RT	801.90
I	7+10.90	22.74	RT	801.87
J	7+00.90	22.80	RT	801.24
K	6+96.90	22.82	RT	801.20
L	6+96.03	22.82	RT	801.16
M	6+94.43	22.81	RT	801.25

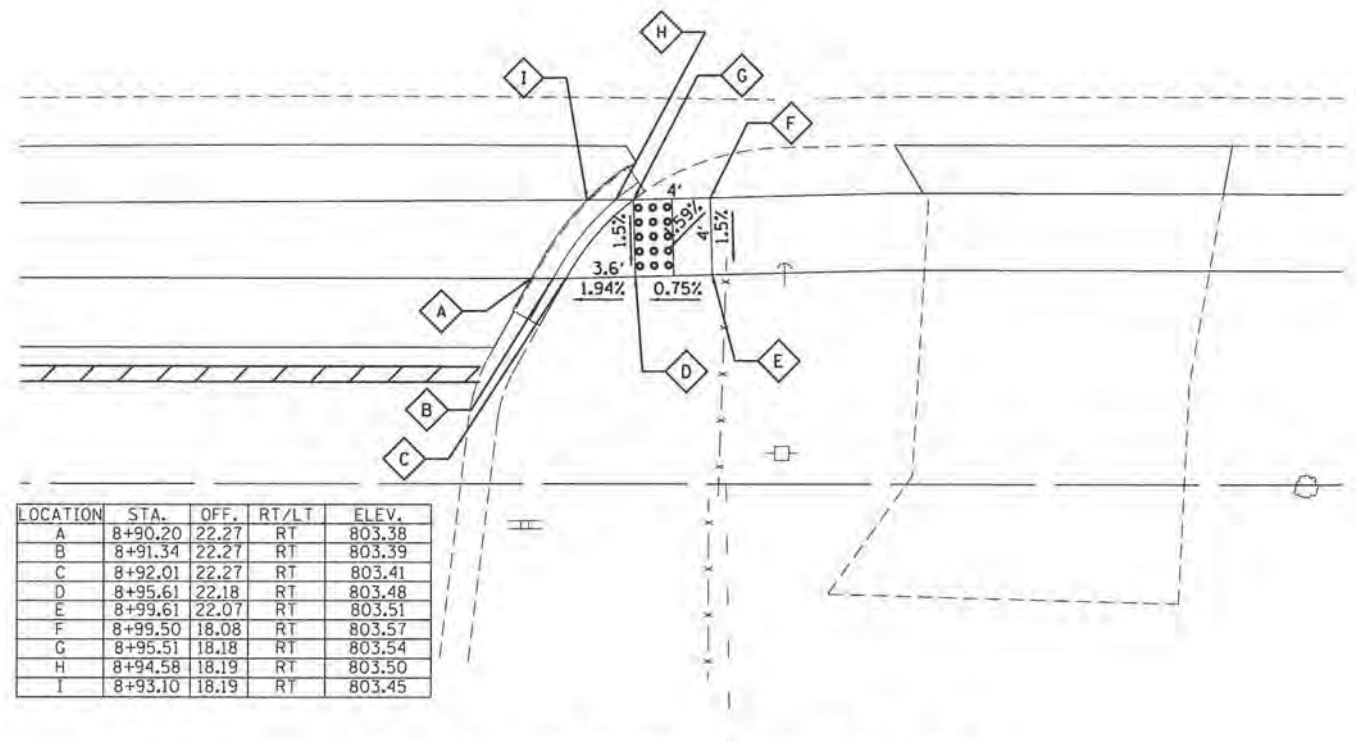


SEC OF BECK ROAD BETWEEN STA 6+35.91 AND 7+03.64



SEC OF BECK ROAD BETWEEN STA 8+44.50 AND 8+95.21

LOCATION	STA.	OFF.	RT/LT	ELEV.
A	8+53.82	22.23	RT	803.10
B	8+52.59	22.23	RT	803.04
C	8+51.84	22.23	RT	803.05
D	8+47.56	22.44	RT	803.12
E	8+43.57	22.64	RT	803.16
F	8+43.37	18.64	RT	803.22
G	8+47.37	18.44	RT	803.20
H	8+48.49	18.44	RT	803.11
I	8+50.21	18.43	RT	803.08



SEC OF BECK ROAD BETWEEN STA 8+44.50 AND 8+95.21

LOCATION	STA.	OFF.	RT/LT	ELEV.
A	8+90.20	22.27	RT	803.38
B	8+91.34	22.27	RT	803.39
C	8+92.01	22.27	RT	803.41
D	8+95.61	22.18	RT	803.48
E	8+99.61	22.07	RT	803.51
F	8+99.50	18.08	RT	803.57
G	8+95.51	18.18	RT	803.54
H	8+94.58	18.19	RT	803.50
I	8+93.10	18.19	RT	803.45

**GEWALT HAMILTON ASSOCIATES, INC.**

FILE NAME = 4477-DETAILS.Beck\_SandLakeLdgn  
 GHA\* 4477.025  
 Default

USER NAME = mcoleman  
 PLOT SCALE = 1/8"  
 PLOT DATE = 1/25/2016

DESIGNED - MAC  
 DRAWN - ZCW  
 CHECKED - KLB  
 DATE -

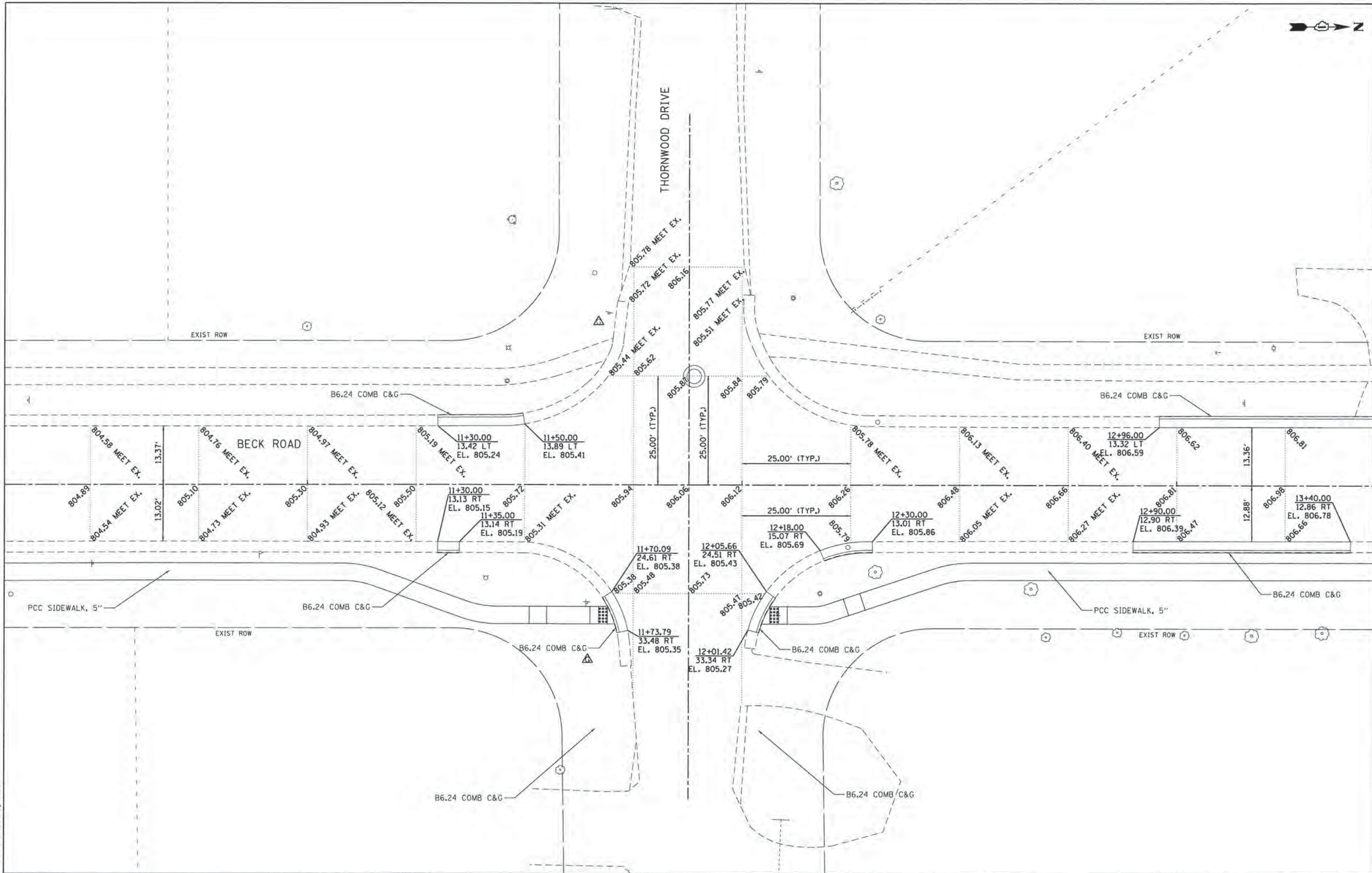
REVISED -  
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 REVISED -  
 REVISED -

**STATE OF ILLINOIS**  
**DEPARTMENT OF TRANSPORTATION**

**ADA DETAILS**  
**BECK ROAD NORTH OF SAND LAKE ROAD**  
 SCALE: 1/2"=5' SHEET 1 OF 1 SHEETS STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
160	14-00030-00-RS	LAKE	213	114
CONTRACT NO. 61C68				
ILLINOIS FED. AID PROJECT				





**GHA** GEWALT HAMILTON  
 ASSOCIATES, INC.

FILE NAME = 4477-INTERSEC\_ Beck\_Thornwood.dgn  
 USER = meoleman  
 PLOT SCALE = 1/8"=1'-0"  
 PLOT DATE = 1/25/2016

DESIGNED - MAC  
 DRAWN - ZCW  
 CHECKED - KLB  
 DATE -

REVISED -  
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 REVISED -  
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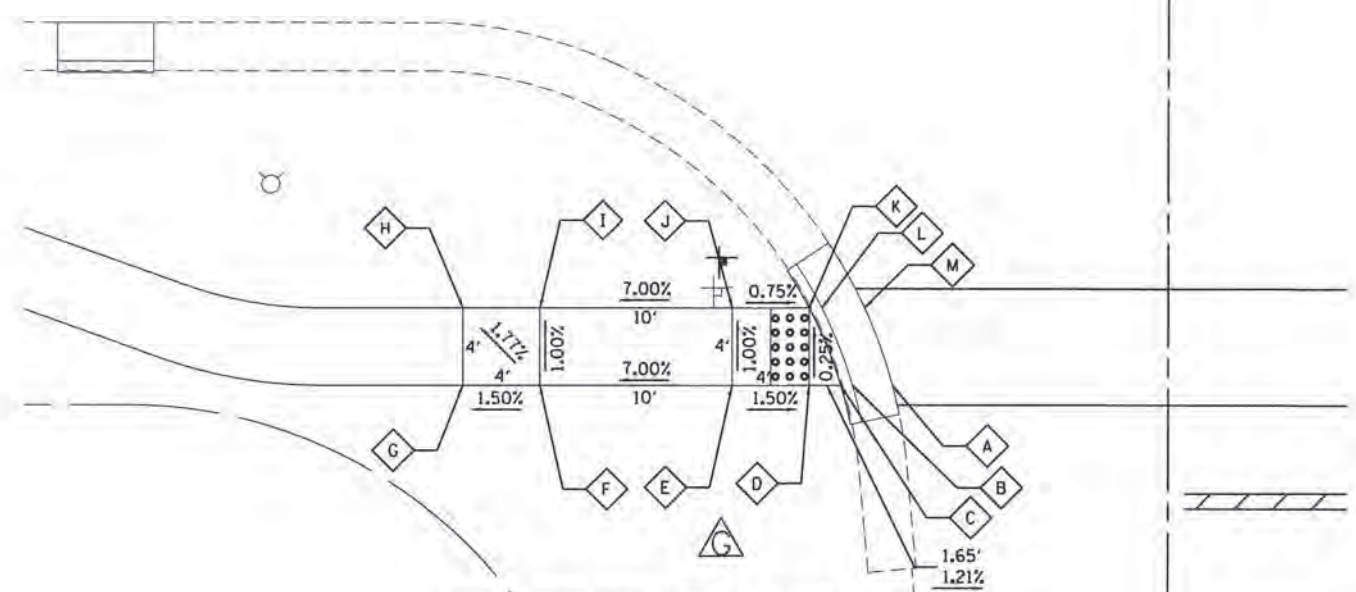
**STATE OF ILLINOIS**  
**DEPARTMENT OF TRANSPORTATION**

**INTERSECTION DETAILS**  
**BECK ROAD AT THORNWOOD DRIVE**

SCALE: 1"=10'    SHEET 1 OF 2 SHEETS    STA.    TO STA.

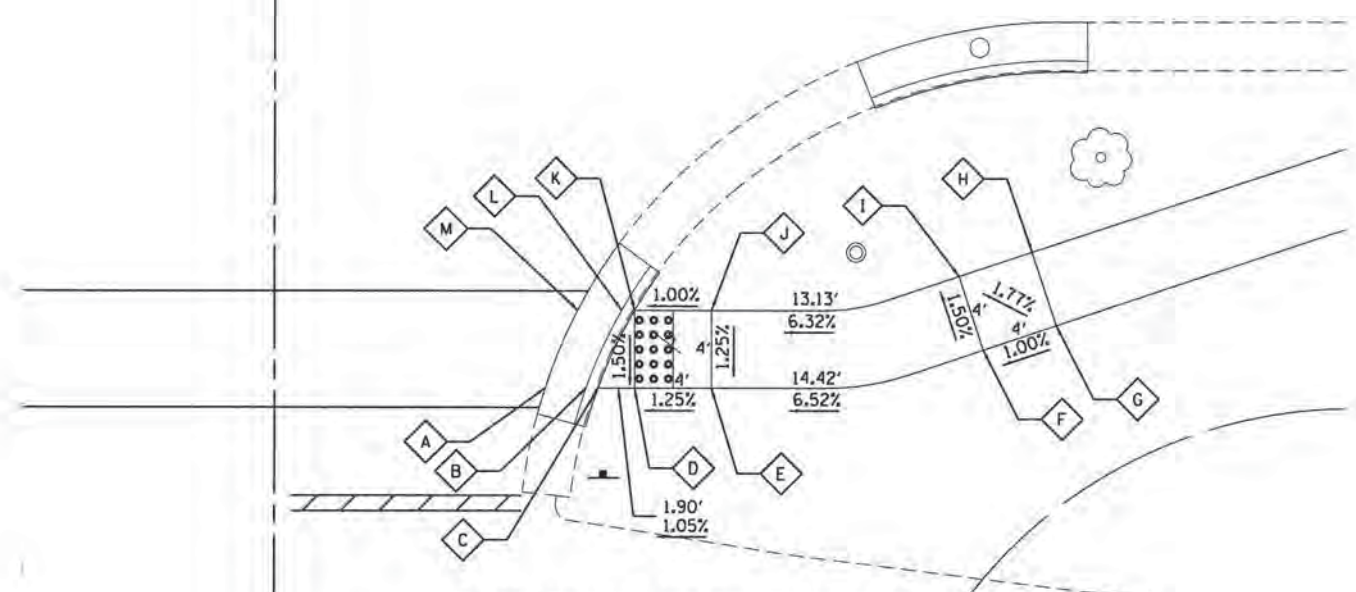
F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
160	14-00030-00-RS	LAKE	213	115
CONTRACT NO. 61C68				
ILLINOIS FED. AID PROJECT				





SEC OF BECK ROAD AND THORNWOOD DRIVE

LOCATION	STA.	OFF.	RT/LT	ELEV.
A	11+73.43	31.99	RT	805.35
B	11+71.35	31.99	RT	805.26
C	11+70.74	31.99	RT	805.30
D	11+69.09	31.99	RT	805.32
E	11+65.09	31.98	RT	805.38
F	11+55.09	31.98	RT	804.68
G	11+51.09	31.98	RT	804.62
H	11+51.09	27.98	RT	804.58
I	11+55.09	27.98	RT	804.64
J	11+65.09	27.98	RT	805.34
K	11+69.09	27.99	RT	805.31
L	11+69.75	27.99	RT	805.27
M	11+71.97	27.99	RT	805.37



NEC OF BECK ROAD AND THORNWOOD DRIVE

LOCATION	STA.	OFF.	RT/LT	ELEV.
A	12+01.82	31.99	RT	805.29
B	12+03.93	31.99	RT	805.20
C	12+04.55	31.99	RT	805.25
D	12+06.46	31.99	RT	805.27
E	12+10.46	31.99	RT	805.32
F	12+24.60	30.01	RT	806.26
G	12+28.39	28.75	RT	806.30
H	12+27.13	24.95	RT	806.24
I	12+23.33	26.22	RT	806.26
J	12+10.46	27.99	RT	805.37
K	12+06.46	27.99	RT	805.33
L	12+05.78	27.99	RT	805.28
M	12+03.50	27.99	RT	805.36

**GHA** GEWALT HAMILTON  
 ASSOCIATES, INC.

FILE NAME = 4477-DETAILED\_S\_Beck\_Thornwood.dgn  
 GHA\* 4477.025  
 Default

USER NAME = macoleman  
 PLOT SCALE = 1/8"=1'-0"  
 PLOT DATE = 1/25/2016

DESIGNED - MAC  
 DRAWN - ZCW  
 CHECKED - KLB  
 DATE -

REVISED -  
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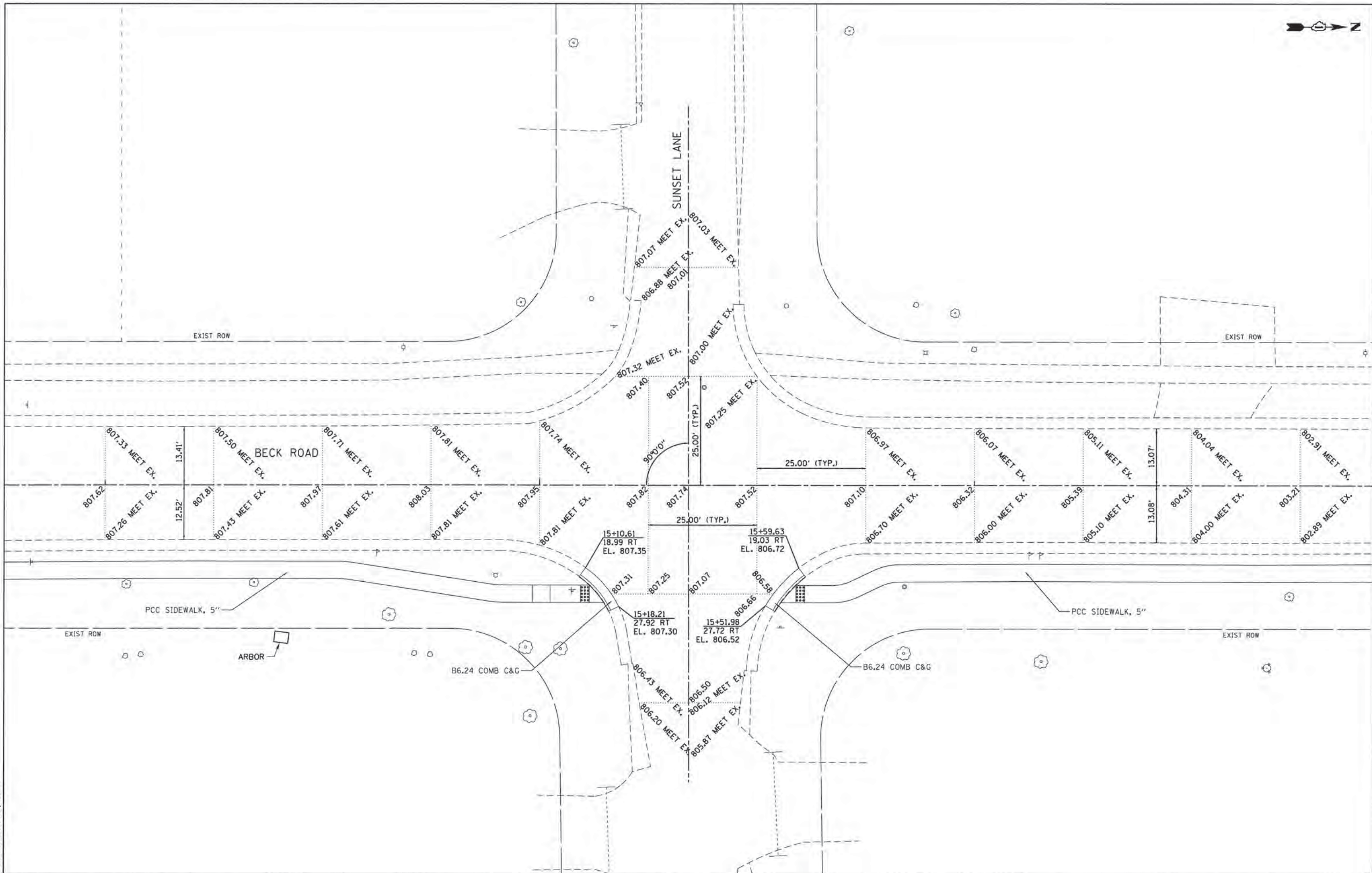
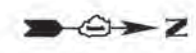
STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION

ADA DETAILS  
 BECK ROAD AT THORNWOOD DRIVE

SCALE: 1"=5' SHEET 2 OF 2 SHEETS STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
160	14-00030-00-RS	LAKE	213	116
CONTRACT NO. 61C68				
ILLINOIS FED. AID PROJECT				





**GHA** GEWALT HAMILTON  
 ASSOCIATES, INC.

FILE NAME = 4477-INTERSEC.Beck.Sunset.dgn  
 USER = macoleman  
 PLOT SCALE = 1:10  
 PLOT DATE = 1/25/2016

DESIGNED - MAC  
 DRAWN - ZCW  
 CHECKED - KLB  
 DATE -

REVISED -  
 REVISED -  
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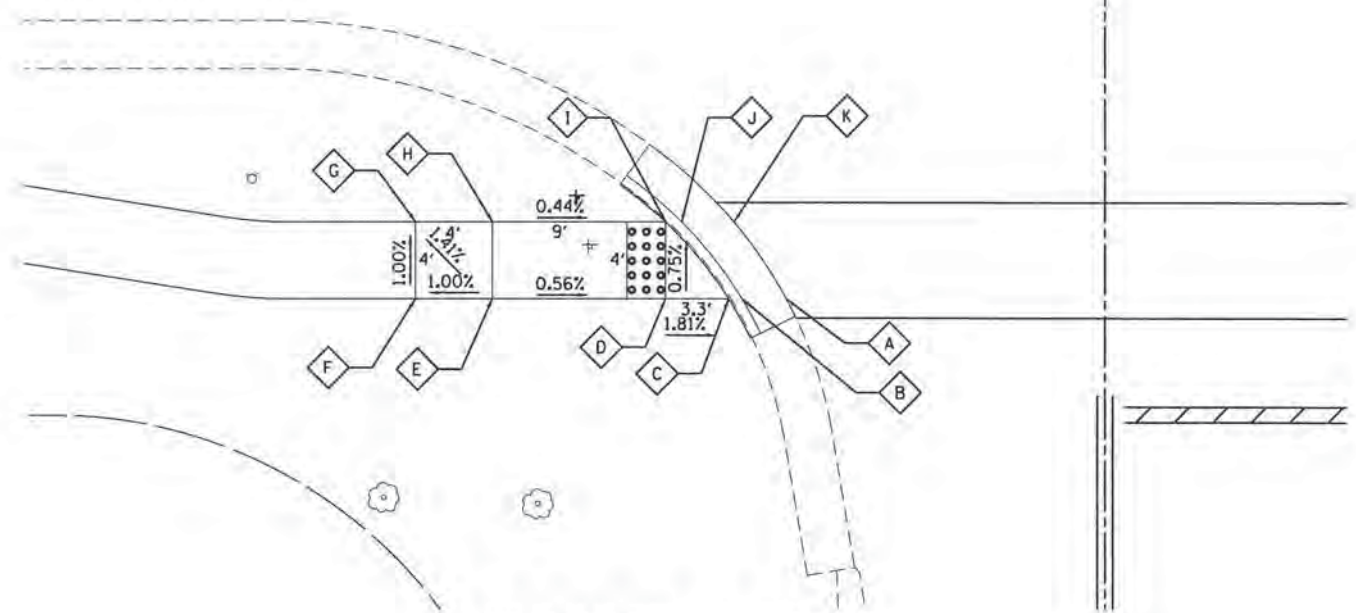
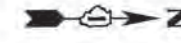
**STATE OF ILLINOIS**  
**DEPARTMENT OF TRANSPORTATION**

**INTERSECTION DETAILS**  
**BECK ROAD AT SUNSET LANE**

SCALE: 1"=10'    SHEET 1 OF 2 SHEETS    STA.    TO STA.

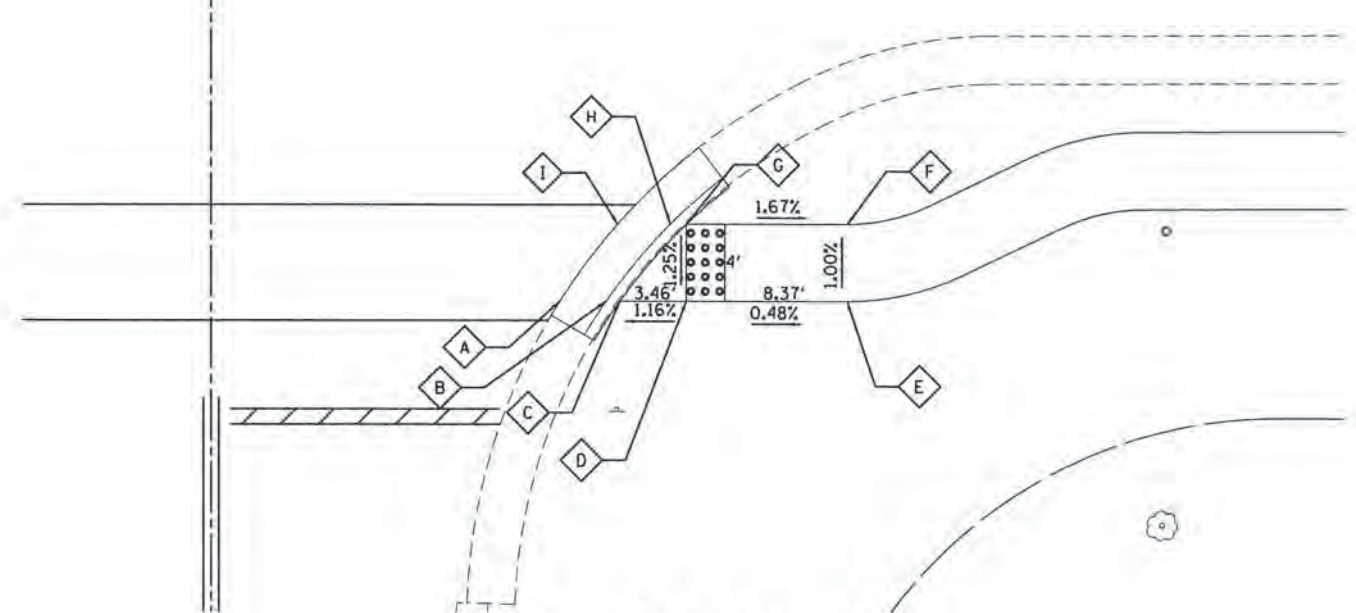
F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
160	14-00030-00-RS	LAKE	213	117
CONTRACT NO. 61C68				
ILLINOIS FED. AID PROJECT				





SEC OF BECK ROAD AND SUNSET LANE

LOCATION	STA.	OFF.	RT/LT	ELEV.
A	15+17.74	27.00	RT	807.30
B	15+15.44	27.00	RT	807.21
C	15+14.75	27.00	RT	807.25
D	15+11.46	27.00	RT	807.31
E	15+02.46	27.00	RT	807.36
F	14+98.46	27.00	RT	807.32
G	14+98.46	23.00	RT	807.28
H	15+02.46	23.00	RT	807.32
I	15+11.46	23.00	RT	807.28
J	15+12.29	23.00	RT	807.24
K	15+15.01	23.00	RT	807.32



NEC OF BECK ROAD AND SUNSET LANE

LOCATION	STA.	OFF.	RT/LT	ELEV.
A	15+52.42	27.00	LT	806.53
B	15+54.82	27.00	LT	806.46
C	15+55.53	27.00	LT	806.51
D	15+58.99	27.00	LT	806.55
E	15+67.36	27.00	LT	806.51
F	15+67.36	23.00	LT	806.47
G	15+58.99	23.00	LT	806.61
H	15+58.16	23.00	LT	806.55
I	15+55.42	23.00	LT	806.62

**GH** GEWALT HAMILTON ASSOCIATES, INC.

FILE NAME = 4477-DETAILS-Beck\_Sunset.dgn  
 USER NAME = macoleman  
 PLOT SCALE = 1:5  
 PLOT DATE = 1/25/2016

DESIGNED - MAC  
 DRAWN - ZCW  
 CHECKED - KLB  
 DATE -

REVISED -  
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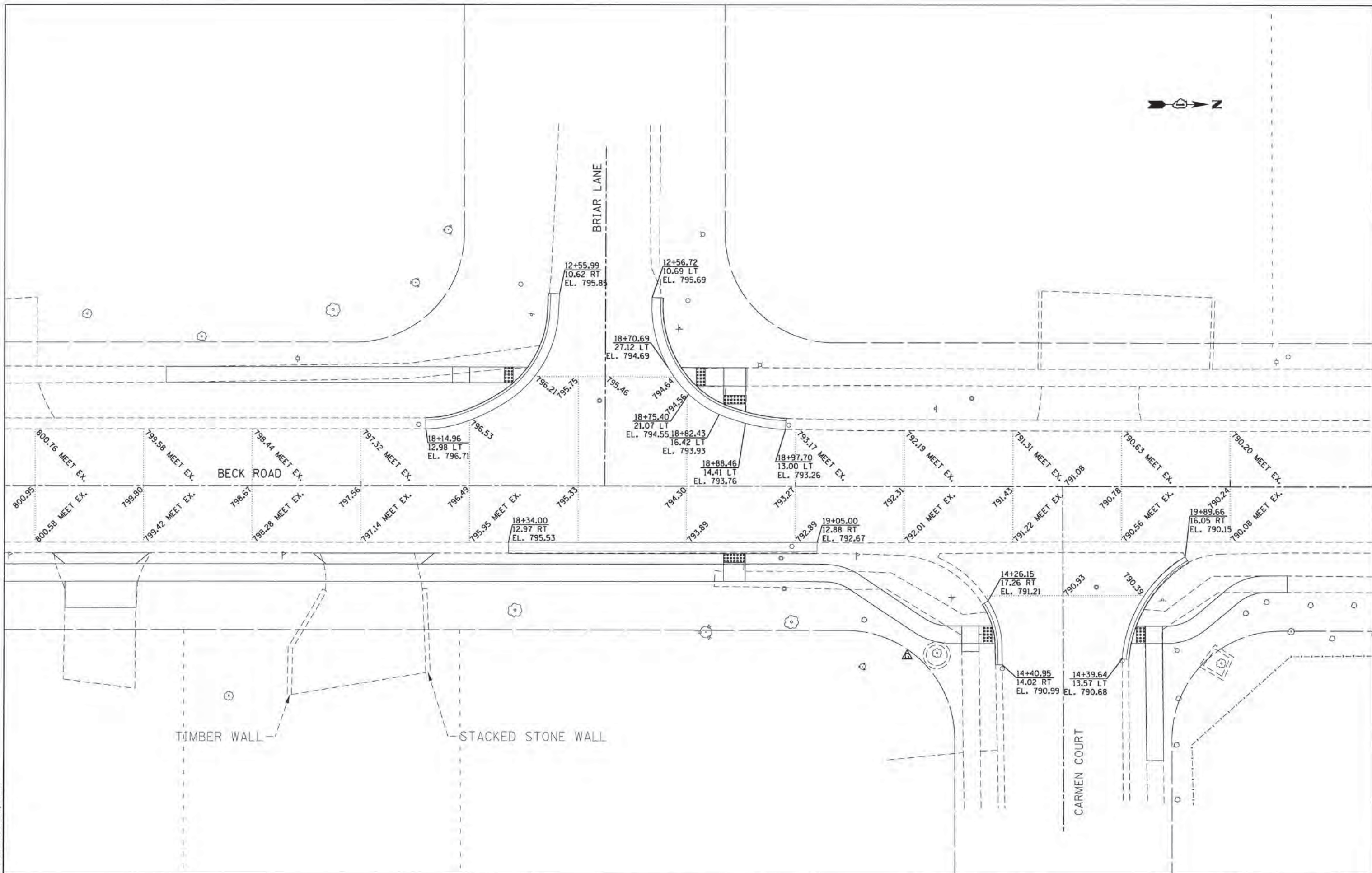
STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION

ADA DETAILS  
 BECK ROAD AT SUNSET LANE

SCALE: 1"=5' SHEET 2 OF 2 SHEETS STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
160	14-00030-00-R5	LAKE	213	118
CONTRACT NO. 61C68				
ILLINOIS FED. AID PROJECT				





**GHA** GEWALT HAMILTON ASSOCIATES, INC.

FILE NAME : 4477-INTERSEC.Beck.Briar-Carmen.dgn  
 GHA# 4477.025  
 Def: Default

USER NAME : mcoleman  
 PLOT SCALE = 1/8"=1'-0"  
 PLOT DATE = 1/25/2016

DESIGNED - MAC  
 DRAWN - ZCW  
 CHECKED - KLB  
 DATE -

REVISED -  
 REVISED -  
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 REVISED -

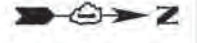
**STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION**

**INTERSECTION DETAILS  
 BECK ROAD AT BRIAR LANE AND CARMEN COURT**

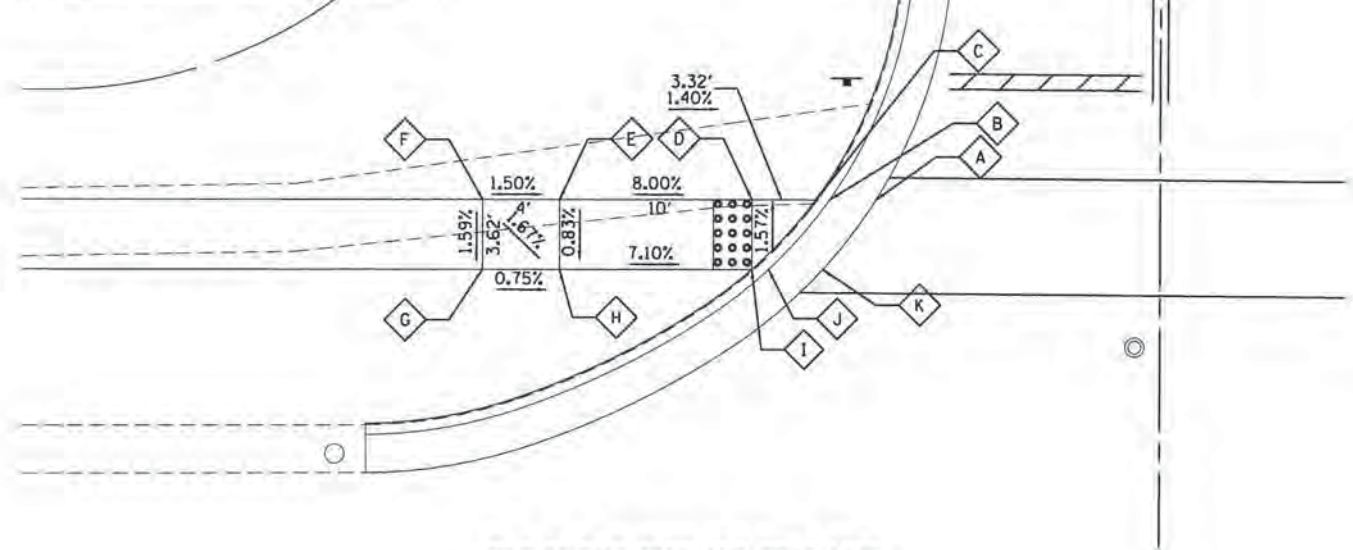
SCALE: 1"=10'    SHEET 1 OF 2 SHEETS    STA.    TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
160	14-00030-00-RS	LAKE	213	119
CONTRACT NO. 61C68				
ILLINOIS FED. AID PROJECT				



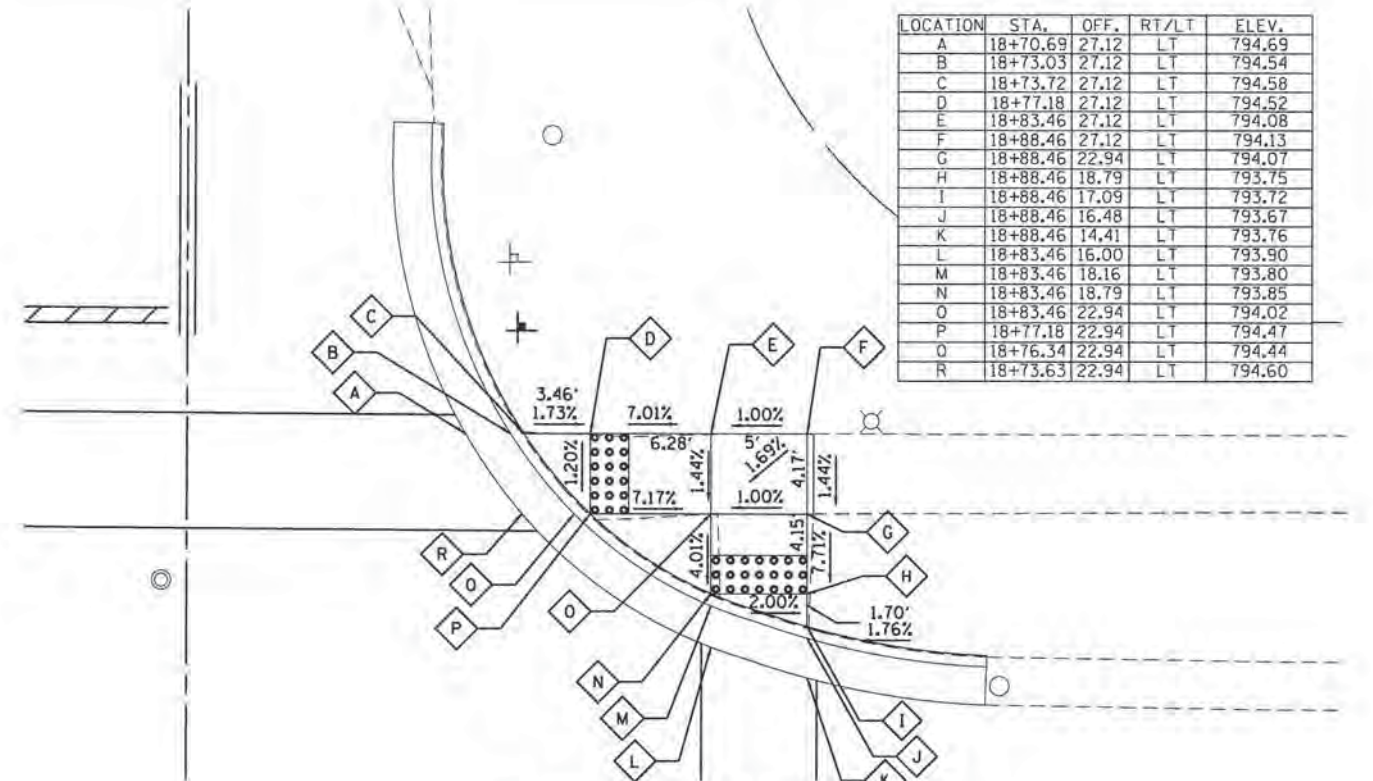


LOCATION	STA.	OFF.	RT/LT	ELEV.
A	18+41.46	27.16	LT	796.16
B	18+39.05	27.17	LT	796.14
C	18+38.33	27.17	LT	796.18
D	18+35.01	27.17	LT	796.23
E	18+25.01	27.19	LT	797.03
F	18+21.01	27.20	LT	797.09
G	18+21.00	23.58	LT	797.03
H	18+25.00	23.57	LT	797.00
I	18+35.00	23.56	LT	796.29
J	18+35.87	23.55	LT	796.23
K	18+38.69	23.55	LT	796.25



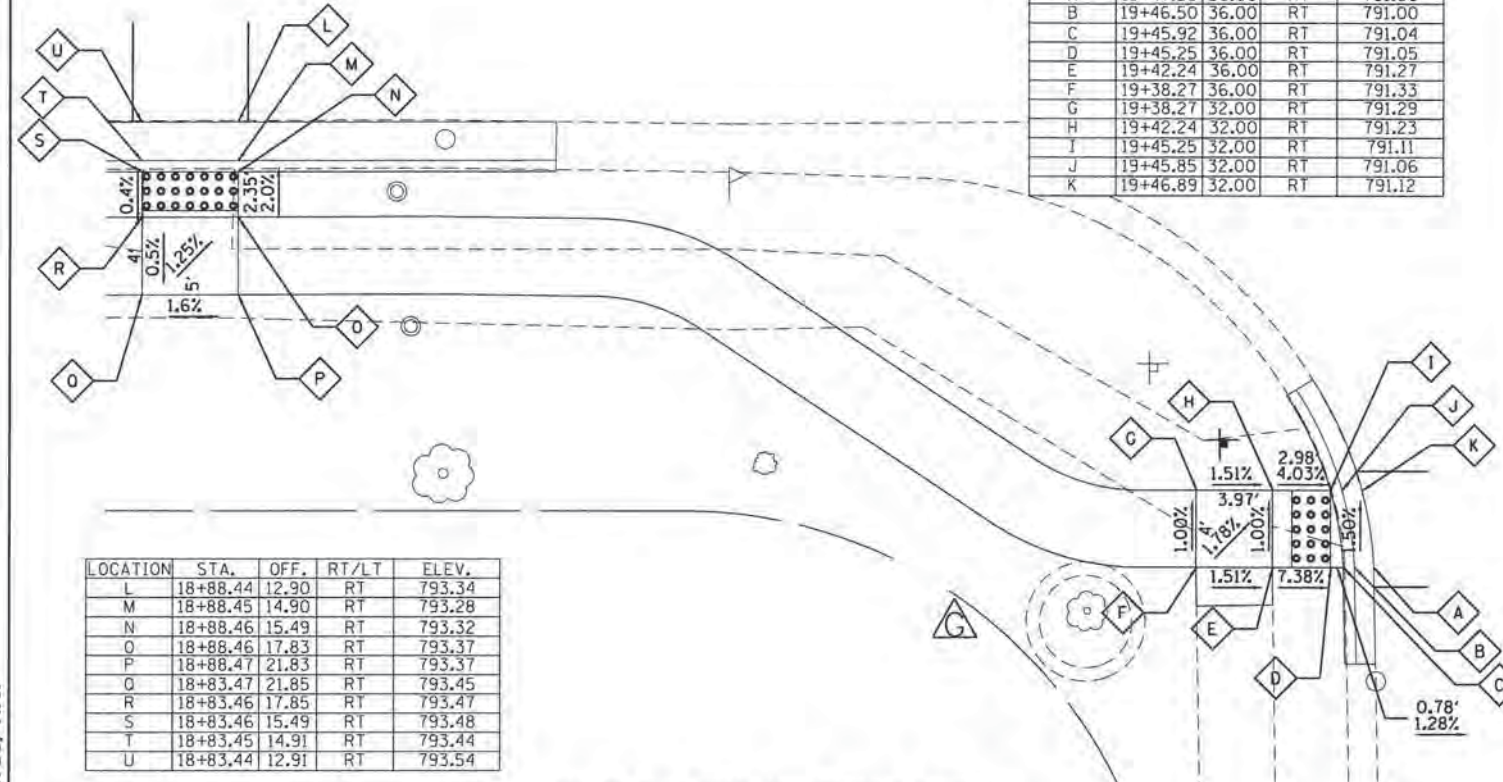
SWC OF BECK ROAD AND BRIAR LANE

LOCATION	STA.	OFF.	RT/LT	ELEV.
A	18+70.69	27.12	LT	794.69
B	18+73.03	27.12	LT	794.54
C	18+73.72	27.12	LT	794.58
D	18+77.18	27.12	LT	794.52
E	18+83.46	27.12	LT	794.08
F	18+88.46	27.12	LT	794.13
G	18+88.46	22.94	LT	794.07
H	18+88.46	18.79	LT	793.75
I	18+88.46	17.09	LT	793.72
J	18+88.46	16.48	LT	793.67
K	18+88.46	14.41	LT	793.76
L	18+83.46	16.00	LT	793.90
M	18+83.46	18.16	LT	793.80
N	18+83.46	18.79	LT	793.85
O	18+83.46	22.94	LT	794.02
P	18+77.18	22.94	LT	794.47
Q	18+76.34	22.94	LT	794.44
R	18+73.63	22.94	LT	794.60



NWC OF BECK ROAD AND BRIAR LANE

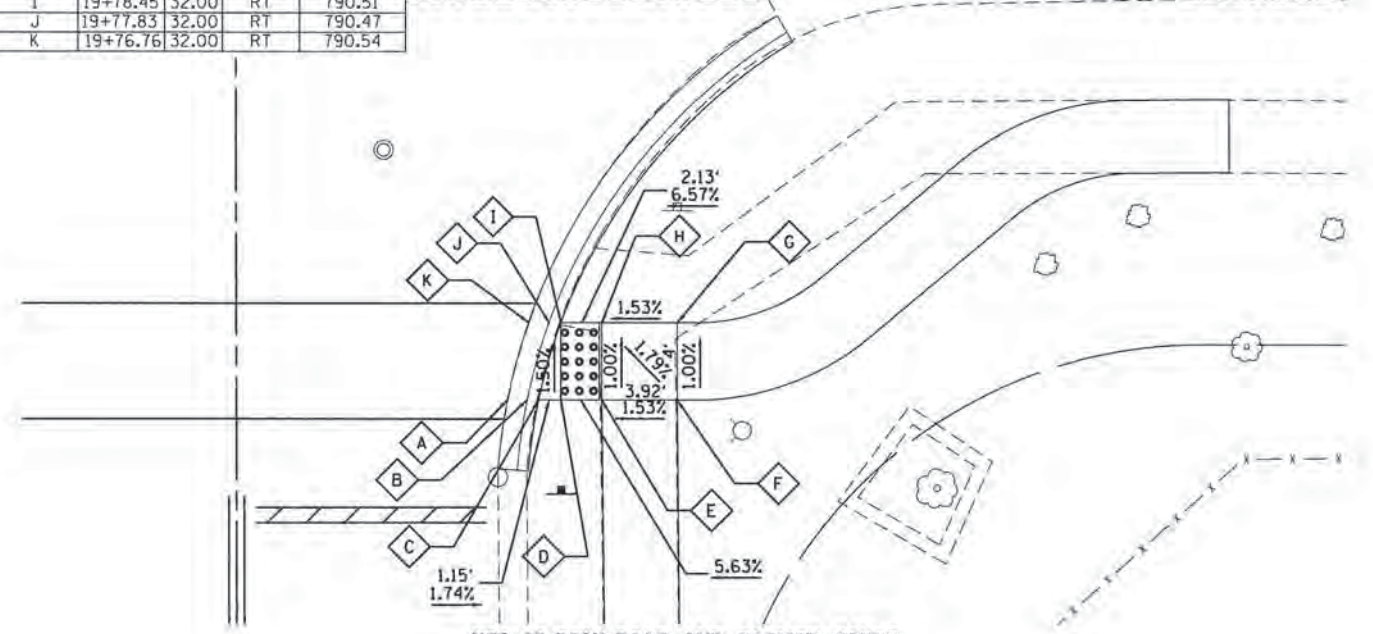
LOCATION	STA.	OFF.	RT/LT	ELEV.
A	19+47.50	36.00	RT	791.06
B	19+46.50	36.00	RT	791.00
C	19+45.92	36.00	RT	791.04
D	19+45.25	36.00	RT	791.05
E	19+42.24	36.00	RT	791.27
F	19+38.27	36.00	RT	791.33
G	19+38.27	32.00	RT	791.29
H	19+42.24	32.00	RT	791.23
I	19+45.25	32.00	RT	791.11
J	19+45.85	32.00	RT	791.06
K	19+46.89	32.00	RT	791.12



SEC OF BECK ROAD AND CARMEN COURT

LOCATION	STA.	OFF.	RT/LT	ELEV.
L	18+88.44	12.90	RT	793.34
M	18+88.45	14.90	RT	793.28
N	18+88.46	15.49	RT	793.32
O	18+88.46	17.83	RT	793.37
P	18+88.47	21.83	RT	793.37
Q	18+83.47	21.85	RT	793.45
R	18+83.46	17.85	RT	793.47
S	18+83.46	15.49	RT	793.48
T	18+83.45	14.91	RT	793.44
U	18+83.44	12.91	RT	793.54

LOCATION	STA.	OFF.	RT/LT	ELEV.
A	19+75.68	36.00	RT	790.61
B	19+76.70	36.00	RT	790.55
C	19+77.30	36.00	RT	790.59
D	19+78.45	36.00	RT	790.57
E	19+80.58	36.00	RT	790.69
F	19+84.50	36.00	RT	790.75
G	19+84.50	32.00	RT	790.71
H	19+80.58	32.00	RT	790.65
I	19+78.45	32.00	RT	790.51
J	19+77.83	32.00	RT	790.47
K	19+76.76	32.00	RT	790.54



NEC OF BECK ROAD AND CARMEN COURT

GHA GEWALT HAMILTON ASSOCIATES, INC.

FILE NAME = 4477-DETAILS\_Beck\_Briar-Carmen.dgn  
GHA\* 4477.025  
Default

USER NAME = mcolenan  
PLOT SCALE = 1/8  
PLOT DATE = 1/25/2016

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DRAWN - ZCW  
CHECKED - KLB  
DATE -

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REVISED -  
REVISED -

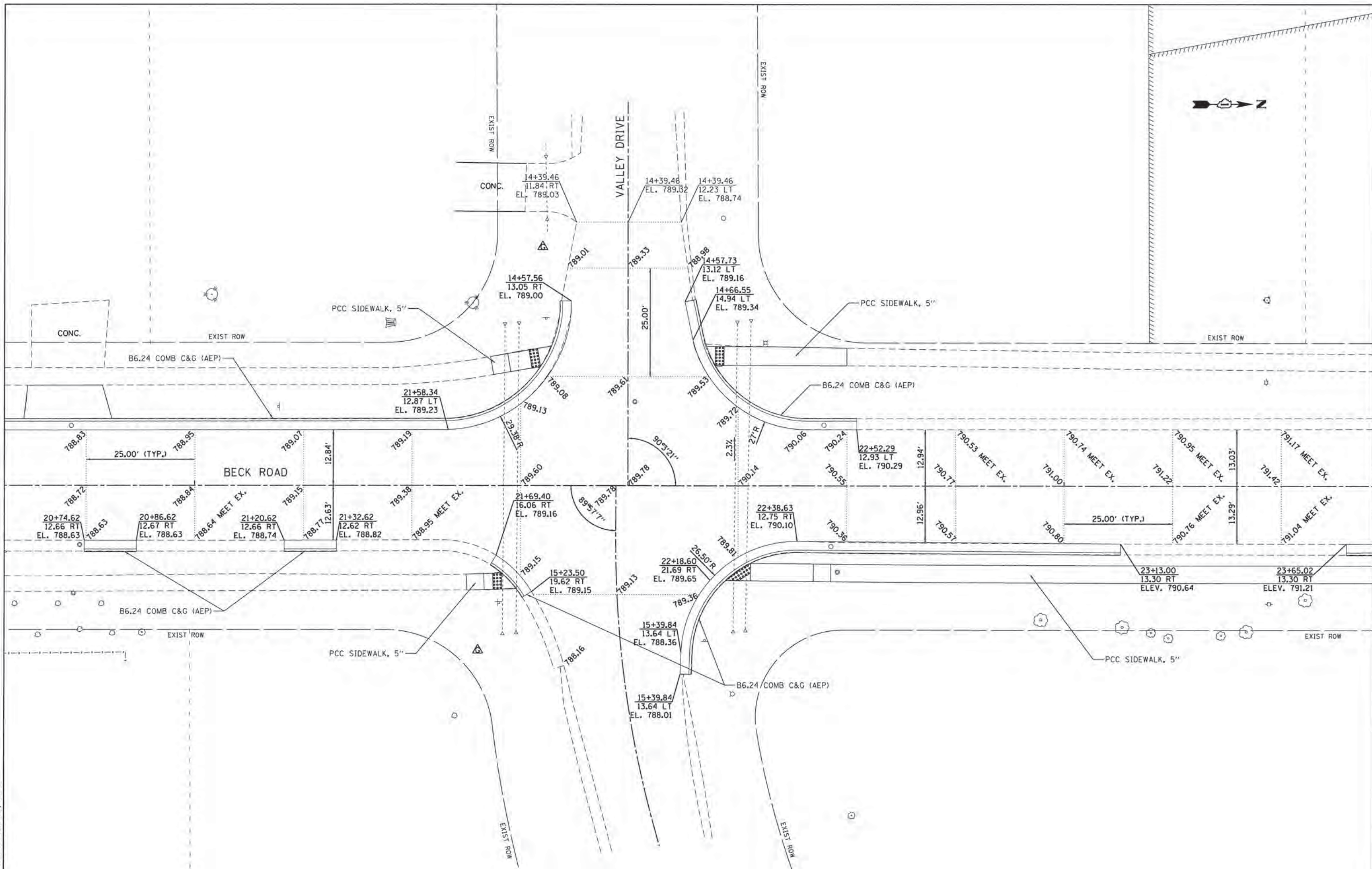
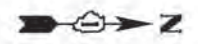
STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

ADA DETAILS  
BECK ROAD AT BRIAR LANE AND CARMEN COURT

SCALE: 1"=5' SHEET 2 OF 2 SHEETS STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
160	14-00030-00-R5	LAKE	213	120
				CONTRACT NO. 61C68
ILLINOIS FED. AID PROJECT				





**GHA** GEWALT HAMILTON  
 ASSOCIATES, INC.

FILE NAME = 4477-INTERSEC.Beck\_Valley.dgn  
 DHA\* 4477.025  
 Defaults

USER NAME = mealeman  
 PLOT SCALE = 1:100  
 PLOT DATE = 1/25/2016

DESIGNED - MAC  
 DRAWN - ZCW  
 CHECKED - KLB  
 DATE -

REVISED -  
 REVISED -  
 REVISED -  
 REVISED -

**STATE OF ILLINOIS**  
**DEPARTMENT OF TRANSPORTATION**

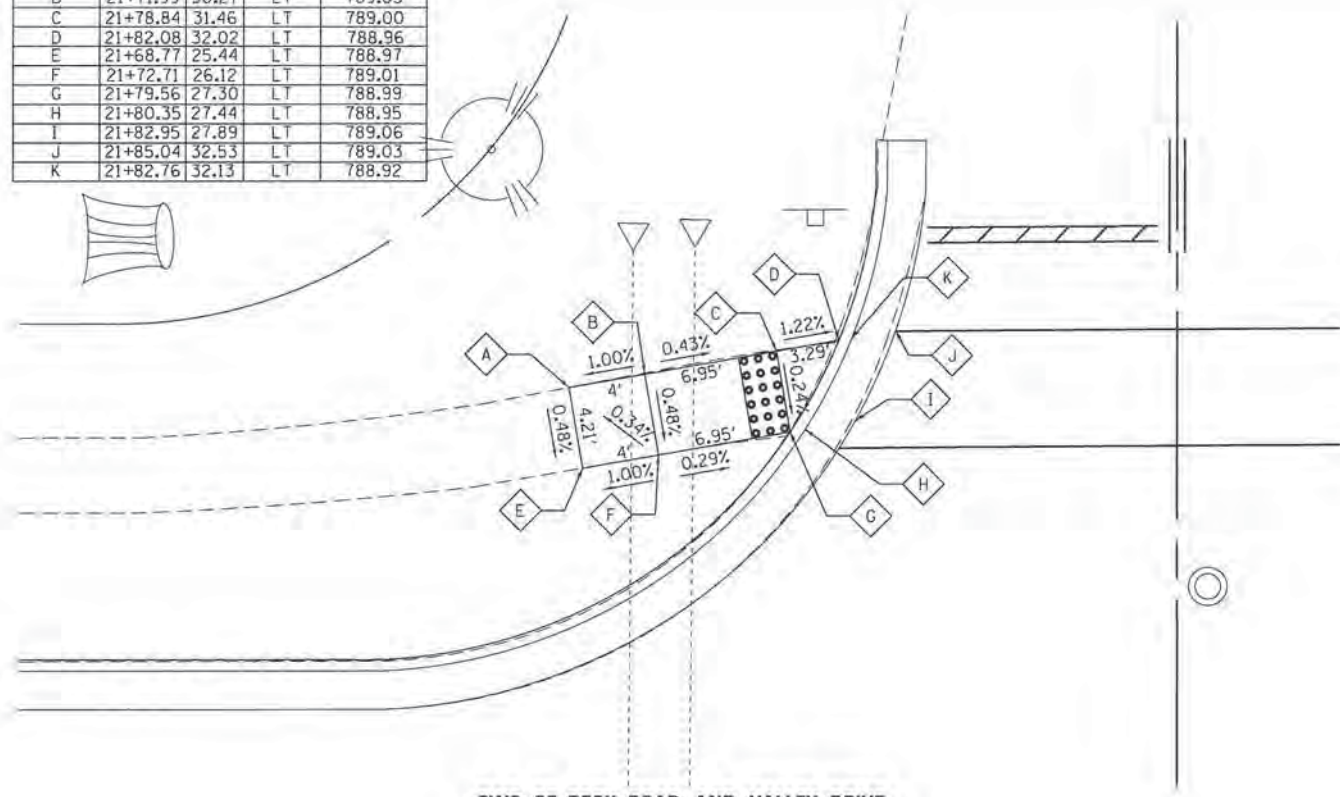
**INTERSECTION DETAILS**  
**BECK ROAD AT VALLEY DRIVE**

SCALE: 1"=10'  
 SHEET 1 OF 2 SHEETS STA. TO STA.

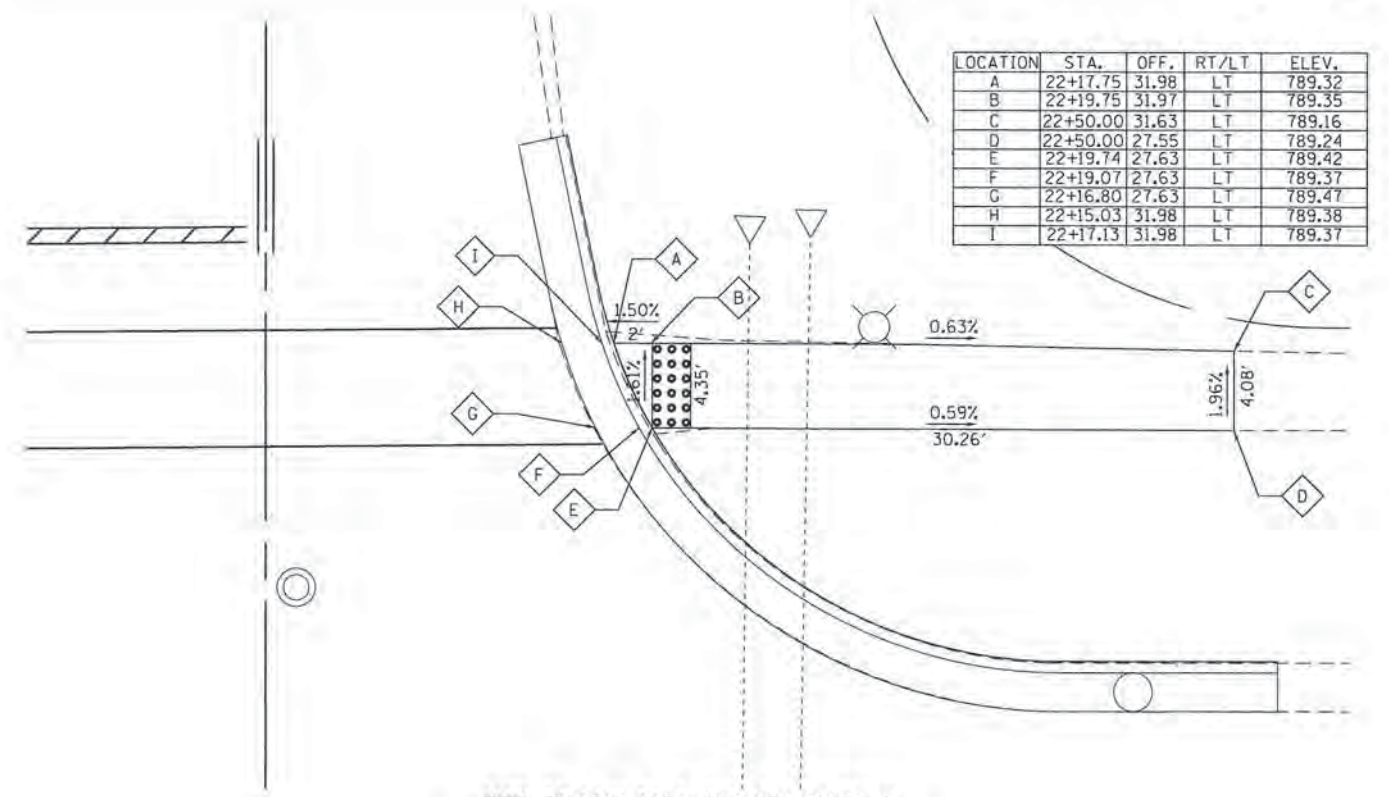
F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
160	14-00030-00-RS	LAKE	213	121
CONTRACT NO. 61C68				
ILLINOIS FED. AID PROJECT				



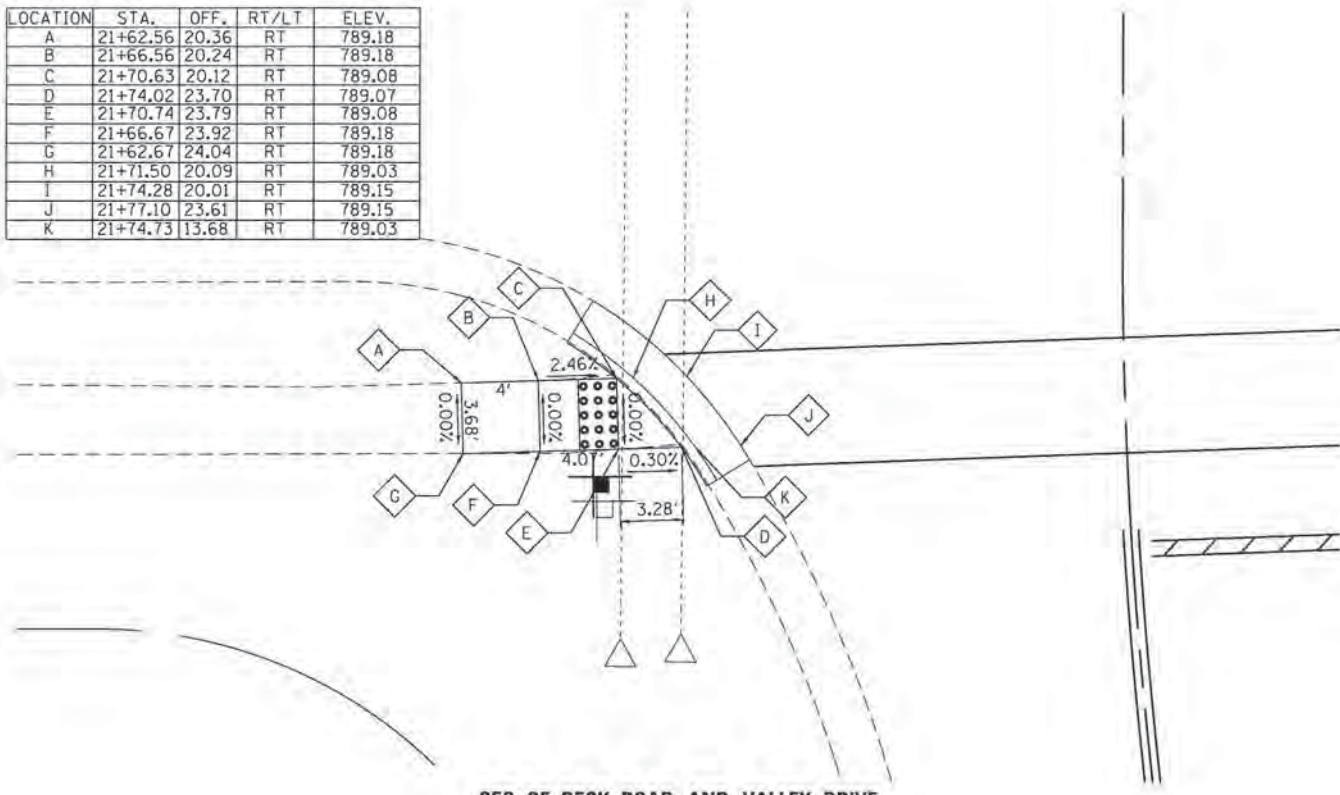
LOCATION	STA.	OFF.	RT/LT	ELEV.
A	21+68.05	29.59	LT	788.99
B	21+71.99	30.27	LT	789.03
C	21+78.84	31.46	LT	789.00
D	21+82.08	32.02	LT	788.96
E	21+68.77	25.44	LT	788.97
F	21+72.71	26.12	LT	789.01
G	21+79.56	27.30	LT	788.99
H	21+80.35	27.44	LT	788.95
I	21+82.95	27.89	LT	789.06
J	21+85.04	32.53	LT	789.03
K	21+82.76	32.13	LT	788.92



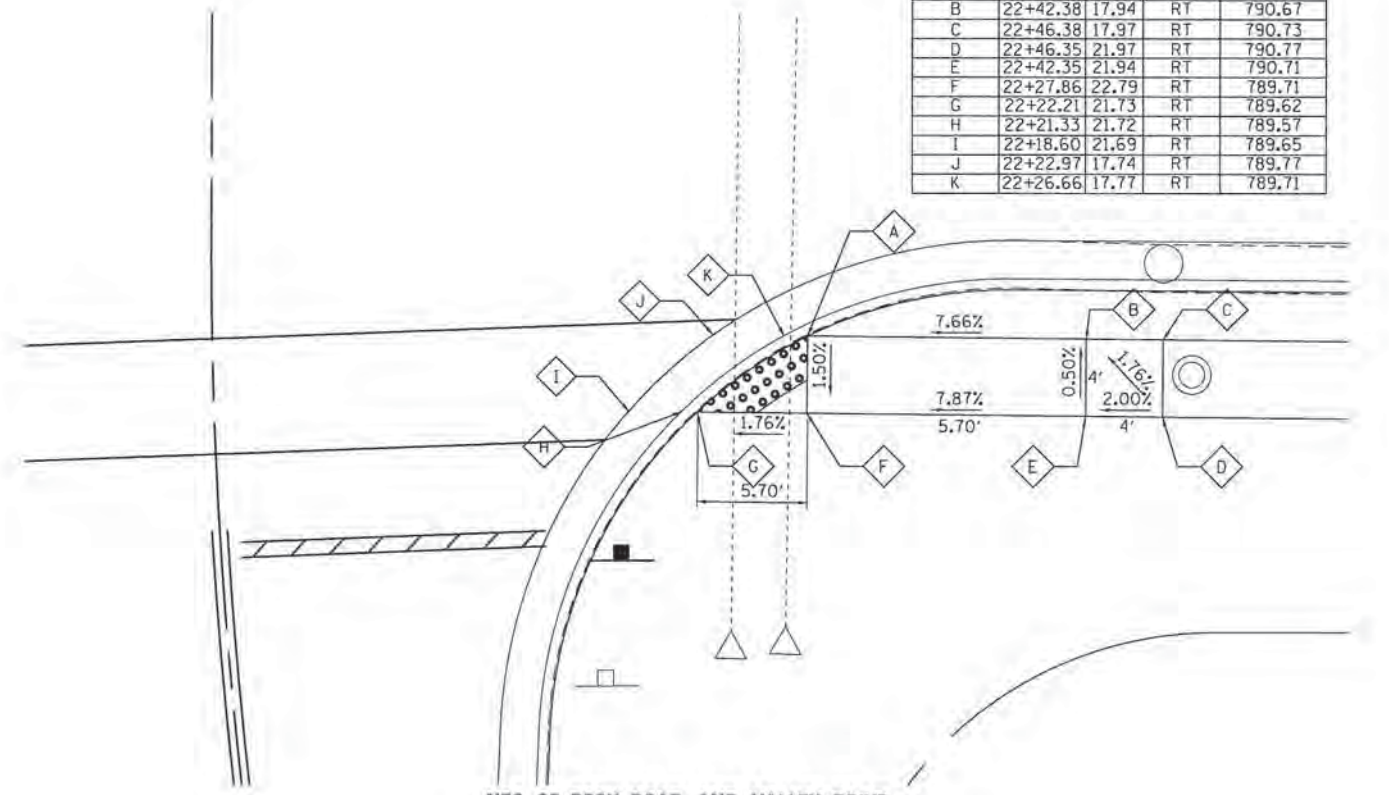
LOCATION	STA.	OFF.	RT/LT	ELEV.
A	22+17.75	31.98	LT	789.32
B	22+19.75	31.97	LT	789.35
C	22+50.00	31.63	LT	789.16
D	22+50.00	27.55	LT	789.24
E	22+19.74	27.63	LT	789.42
F	22+19.07	27.63	LT	789.37
G	22+16.80	27.63	LT	789.47
H	22+15.03	31.98	LT	789.38
I	22+17.13	31.98	LT	789.37



LOCATION	STA.	OFF.	RT/LT	ELEV.
A	21+62.56	20.36	RT	789.18
B	21+66.56	20.24	RT	789.18
C	21+70.63	20.12	RT	789.08
D	21+74.02	23.70	RT	789.07
E	21+70.74	23.79	RT	789.08
F	21+66.67	23.92	RT	789.18
G	21+62.67	24.04	RT	789.18
H	21+71.50	20.09	RT	789.03
I	21+74.28	20.01	RT	789.15
J	21+77.10	23.61	RT	789.15
K	21+74.73	13.68	RT	789.03



LOCATION	STA.	OFF.	RT/LT	ELEV.
A	22+27.90	17.79	RT	789.77
B	22+42.38	17.94	RT	790.67
C	22+46.38	17.97	RT	790.73
D	22+46.35	21.97	RT	790.77
E	22+42.35	21.94	RT	790.71
F	22+27.86	22.79	RT	789.71
G	22+22.21	21.73	RT	789.62
H	22+21.33	21.72	RT	789.57
I	22+18.60	21.69	RT	789.65
J	22+22.97	17.74	RT	789.77
K	22+26.66	17.77	RT	789.71



FILE NAME = 4477-DETAILS.Beck\_Valley.dgn  
 DHA\* 4477.025  
 Default

USER NAME = moolenan  
 PLOT SCALE = 1:5  
 PLOT DATE = 1/25/2016

DESIGNED - MAC  
 DRAWN - ZCW  
 CHECKED - KLB  
 DATE -

REVISED -  
 REVISED -  
 REVISED -  
 REVISED -

STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION

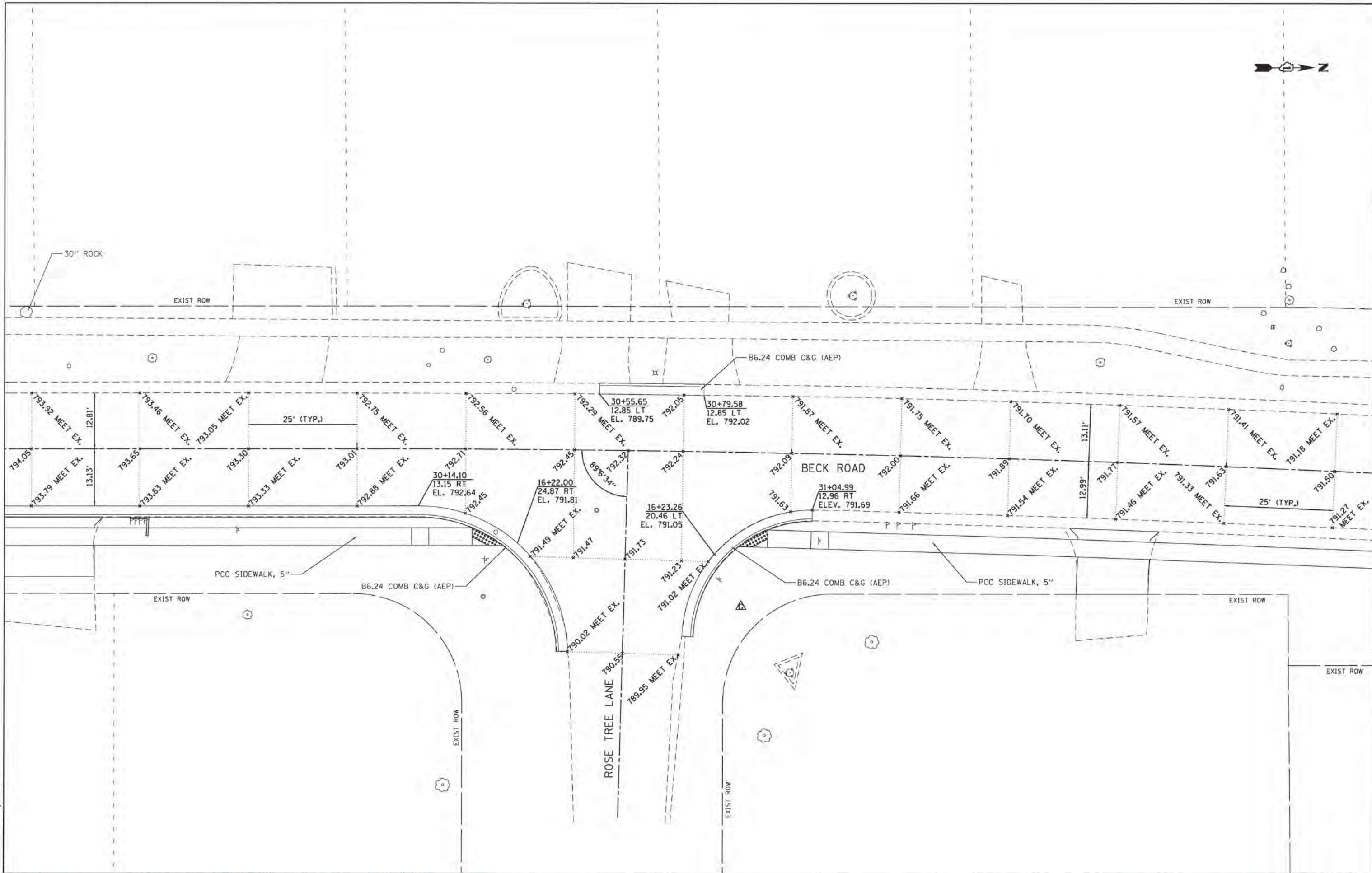
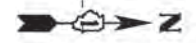
ADA DETAILS  
 BECK ROAD AT VALLEY DRIVE

SCALE: 1"=5' SHEET 2 OF 2 SHEETS STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
160	14-00030-00-RS	LAKE	213	122

CONTRACT NO. 61C68  
 ILLINOIS FED. AID PROJECT





**GHA** GEWALT HAMILTON  
 ASSOCIATES, INC.

FILE NAME = 4477-INTERSEC\_Beck\_RoseTree.dgn  
 GHA# 4477.025  
 Default

USER NAME = mcoleman  
 PLOT SCALE = 1/8"=1'-0"  
 PLOT DATE = 1/25/2016

DESIGNED - MAC  
 DRAWN - ZCW  
 CHECKED - KLB  
 DATE -

REVISED -  
 REVISED -  
 REVISED -  
 REVISED -

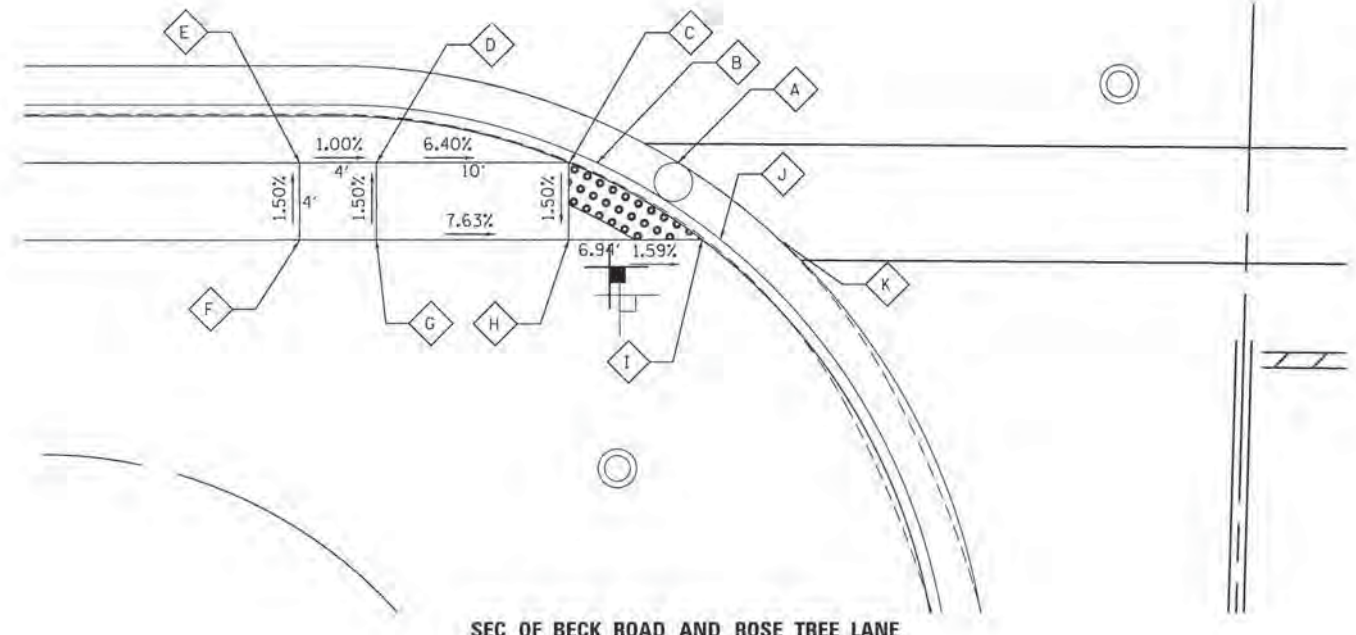
**STATE OF ILLINOIS**  
**DEPARTMENT OF TRANSPORTATION**

**INTERSECTION DETAILS**  
**BECK ROAD AT ROSE TREE LANE**

SCALE: 1"=10'    SHEET 1 OF 2 SHEETS    STA.    TO STA.

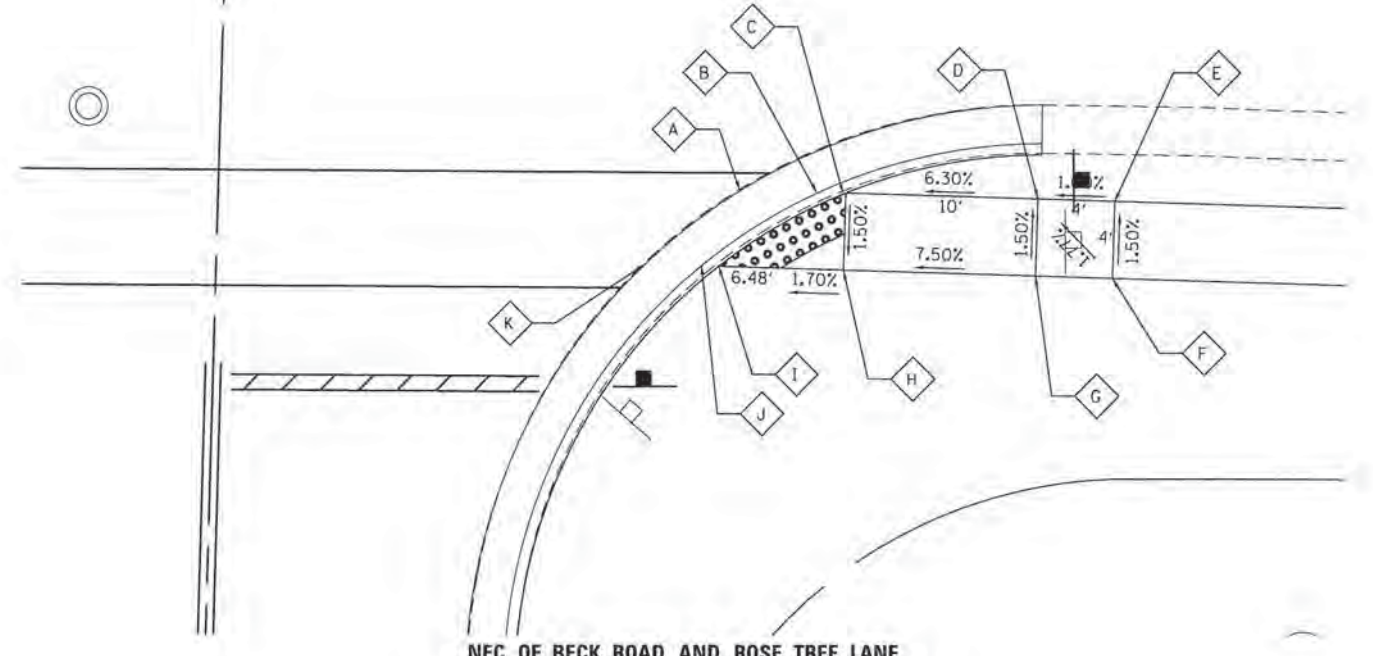
F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
160	14-00030-00-RS	LAKE	213	123
CONTRACT NO. 61C6B				
ILLINOIS FED. AID PROJECT				





SEC OF BECK ROAD AND ROSE TREE LANE

LOCATION	STA.	OFF.	RT/LT	ELEV.
A	30+32.27	18.08	RT	791.63
B	30+28.04	18.10	RT	791.58
C	30+26.59	18.11	RT	791.74
D	30+16.55	18.14	RT	792.38
E	30+12.53	18.15	RT	792.42
F	30+12.54	22.15	RT	792.48
G	30+16.56	22.14	RT	792.44
H	30+26.60	22.11	RT	791.68
I	30+33.58	22.07	RT	791.57
J	30+34.53	22.06	RT	791.42
K	30+37.62	22.04	RT	791.49



NEC OF BECK ROAD AND ROSE TREE LANE

LOCATION	STA.	OFF.	RT/LT	ELEV.
A	30+89.37	17.68	RT	791.36
B	30+93.43	17.72	RT	791.31
C	30+94.82	17.74	RT	791.44
D	31+04.85	17.84	RT	792.07
E	31+08.87	17.88	RT	792.11
F	31+08.83	21.88	RT	792.17
G	31+04.82	21.84	RT	792.13
H	30+94.77	21.74	RT	791.38
I	30+88.26	21.66	RT	791.30
J	30+87.35	21.65	RT	791.16
K	30+84.42	21.61	RT	791.27

**GHA** GEVAULT HAMILTON  
 ASSOCIATES, INC.

FILE NAME = 4477-DETAILS.Beck\_RoseTree.dgn  
 GHA\* 4477.025  
 DeFault

USER NAME = mooleman  
 PLOT SCALE = 1/8"  
 PLOT DATE = 1/25/2016

DESIGNED - MAC  
 DRAWN - ZCW  
 CHECKED - KLB  
 DATE -

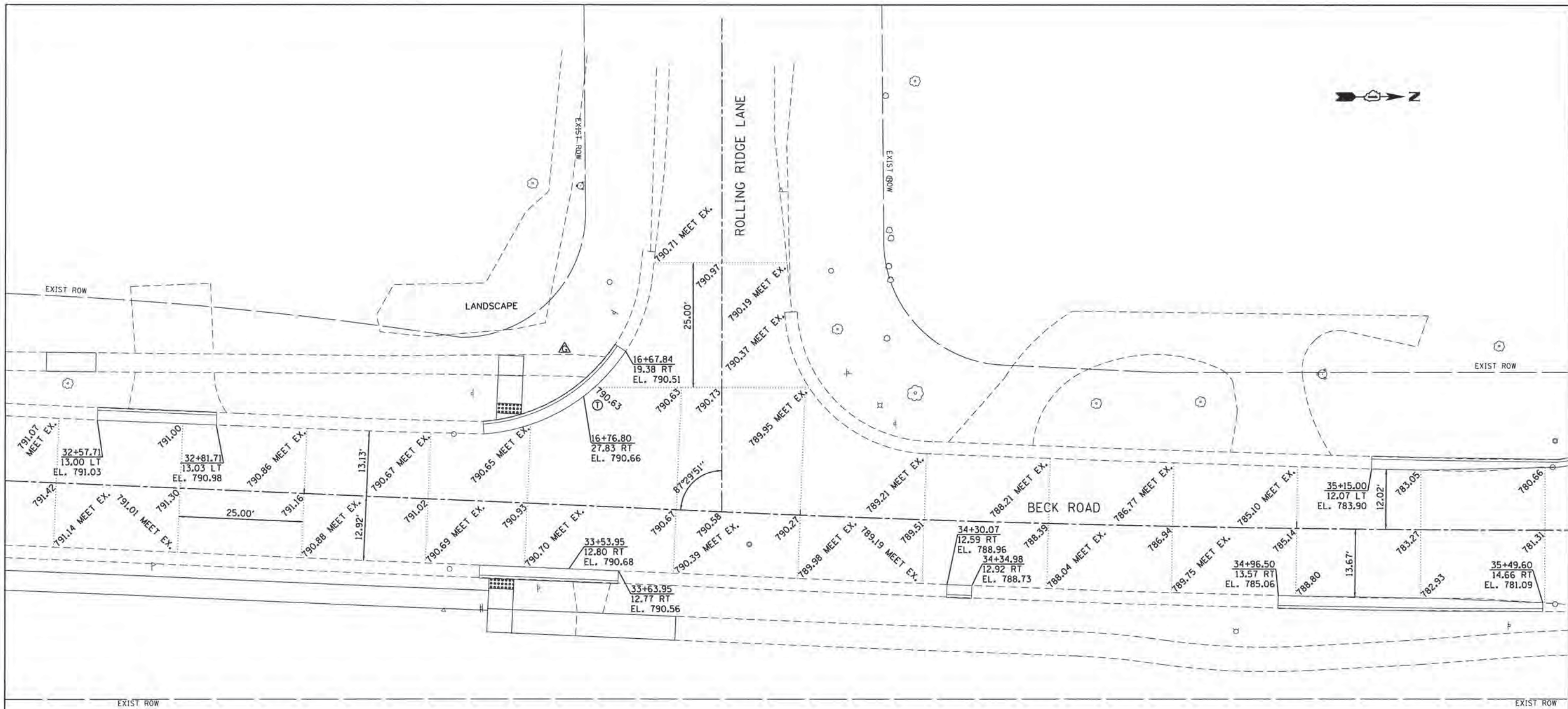
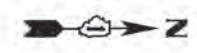
REVISED -  
 REVISED -  
 REVISED -  
 REVISED -

STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION

ADA DETAILS  
 BECK ROAD AT ROSE TREE LANE  
 SCALE: 1"=5'  
 SHEET 2 OF 2 SHEETS STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
160	14-00030-00-RS	LAKE	213	124
CONTRACT NO. 61C68				
ILLINOIS FED. AID PROJECT				





**GHA** GEWALT HAMILTON ASSOCIATES, INC.

FILE NAME = 4477-INTERSEC.Beck.Rollingridge.dgn  
 GHA\* 4477.025  
 Default

USER NAME = mcoleman  
 PLOT SCALE = 1/4"=10'  
 PLOT DATE = 1/25/2016

DESIGNED - MAC  
 DRAWN - ZCW  
 CHECKED - KLB  
 DATE -

REVISED -  
 REVISED -  
 REVISED -  
 REVISED -

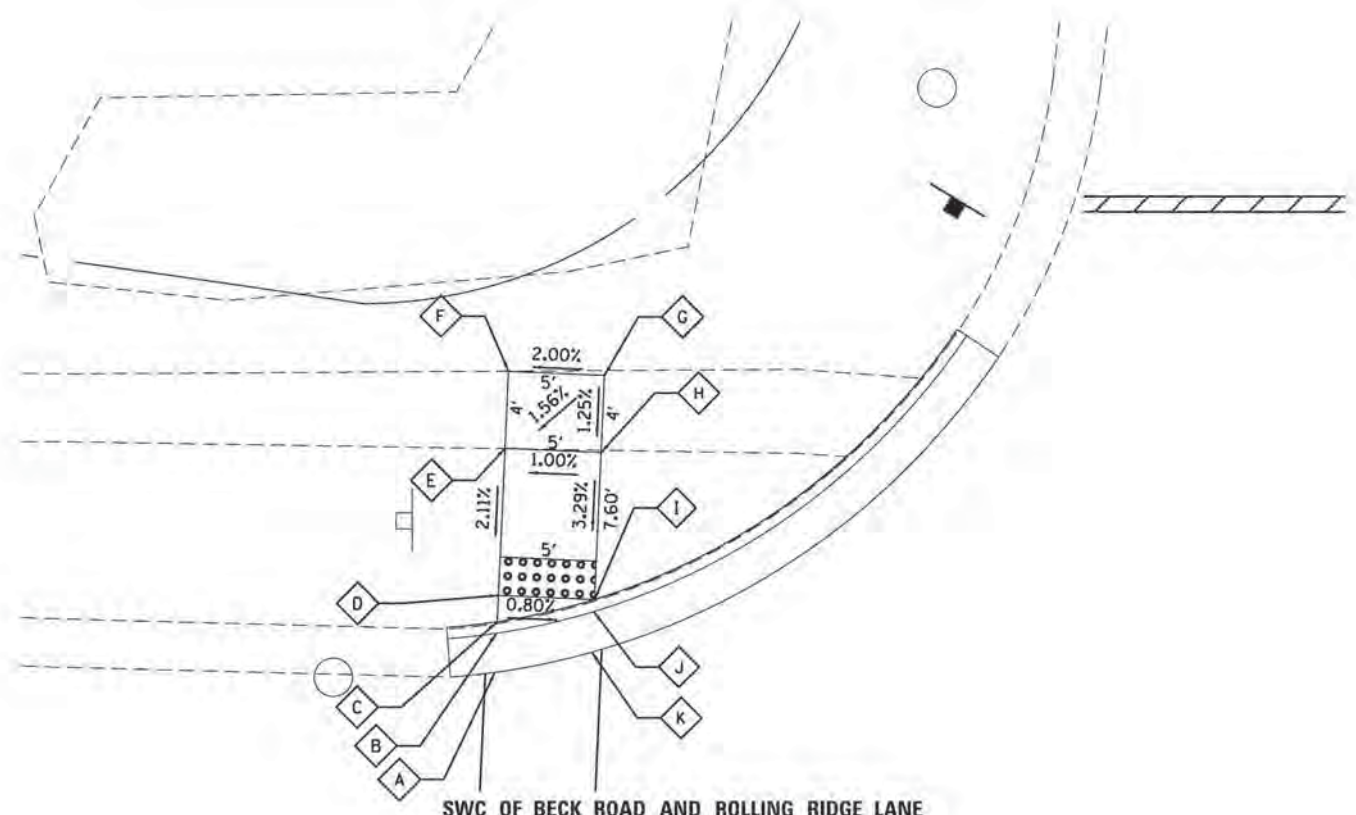
**STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION**

**INTERSECTION DETAILS  
 BECK ROAD AT ROLLING RIDGE LANE**

SCALE: 1"=10' SHEET 1 OF 2 SHEETS STA. TO STA.

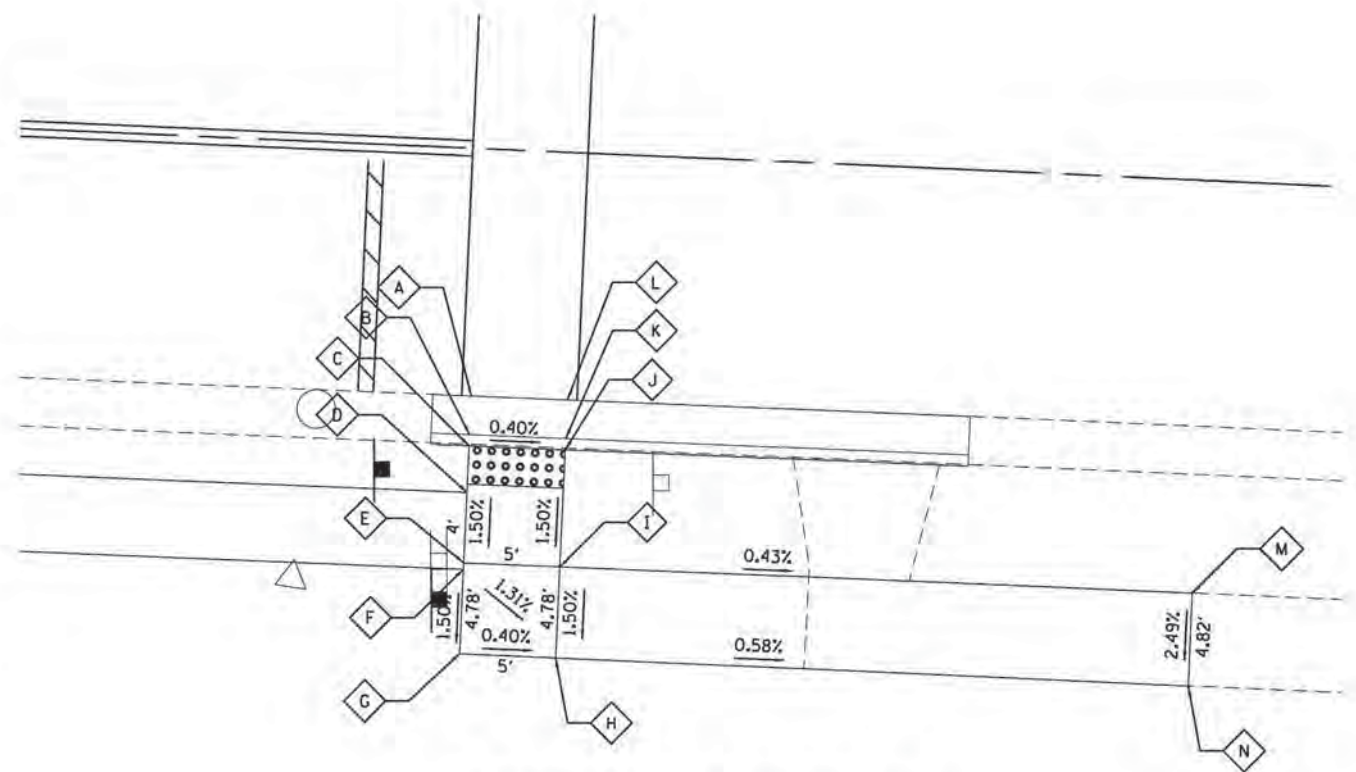
F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
160	14-00030-00-RS	LAKE	213	125
CONTRACT NO. 61C68				
ILLINOIS FED. AID PROJECT				





SWC OF BECK ROAD AND ROLLING RIDGE LANE

LOCATION	STA.	OFF.	RT/LT	ELEV.
A	33+38.00	13.85	LT	790.68
B	33+38.00	15.88	LT	790.63
C	33+38.00	16.48	LT	790.66
D	33+38.00	17.84	LT	790.68
E	33+38.00	25.44	LT	790.84
F	33+38.00	29.44	LT	790.84
G	33+43.00	29.44	LT	790.94
H	33+43.00	25.44	LT	790.89
I	33+43.00	17.84	LT	790.64
J	33+43.00	17.22	LT	790.60
K	33+43.00	15.10	LT	790.65



SEC OF BECK ROAD AND ROLLING RIDGE LANE

LOCATION	STA.	OFF.	RT/LT	ELEV.
A	33+38.00	12.84	RT	790.65
B	33+38.00	14.84	RT	790.60
C	33+38.00	15.43	RT	790.64
D	33+38.00	17.85	RT	790.60
E	33.38.00	21.52	RT	790.55
F	33+38.00	21.85	RT	790.54
G	33+38.00	26.22	RT	790.48
H	33+43.00	26.22	RT	790.46
I	33+43.00	21.50	RT	790.53
J	33+43.00	15.41	RT	790.62
K	33+43.00	14.83	RT	790.58
L	33+43.00	12.83	RT	790.63
M	33+75.90	21.40	RT	790.39
N	33+75.91	26.21	RT	790.27

GHA GEWALT HAMILTON ASSOCIATES, INC.

FILE NAME = 4477-DETAILS.Beck\_Rollingridge.dgn  
 USER NAME = moolenan  
 GHA# 4477.025  
 Default

DESIGNED - MAC  
 DRAWN - ZCW  
 CHECKED - KLB  
 DATE -  
 PLOT SCALE = 1/5  
 PLOT DATE = 1/25/2016

REVISED -  
 REVISED -  
 REVISED -  
 REVISED -

STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION

ADA DETAILS  
 BECK ROAD AT ROLLING RIDGE LANE

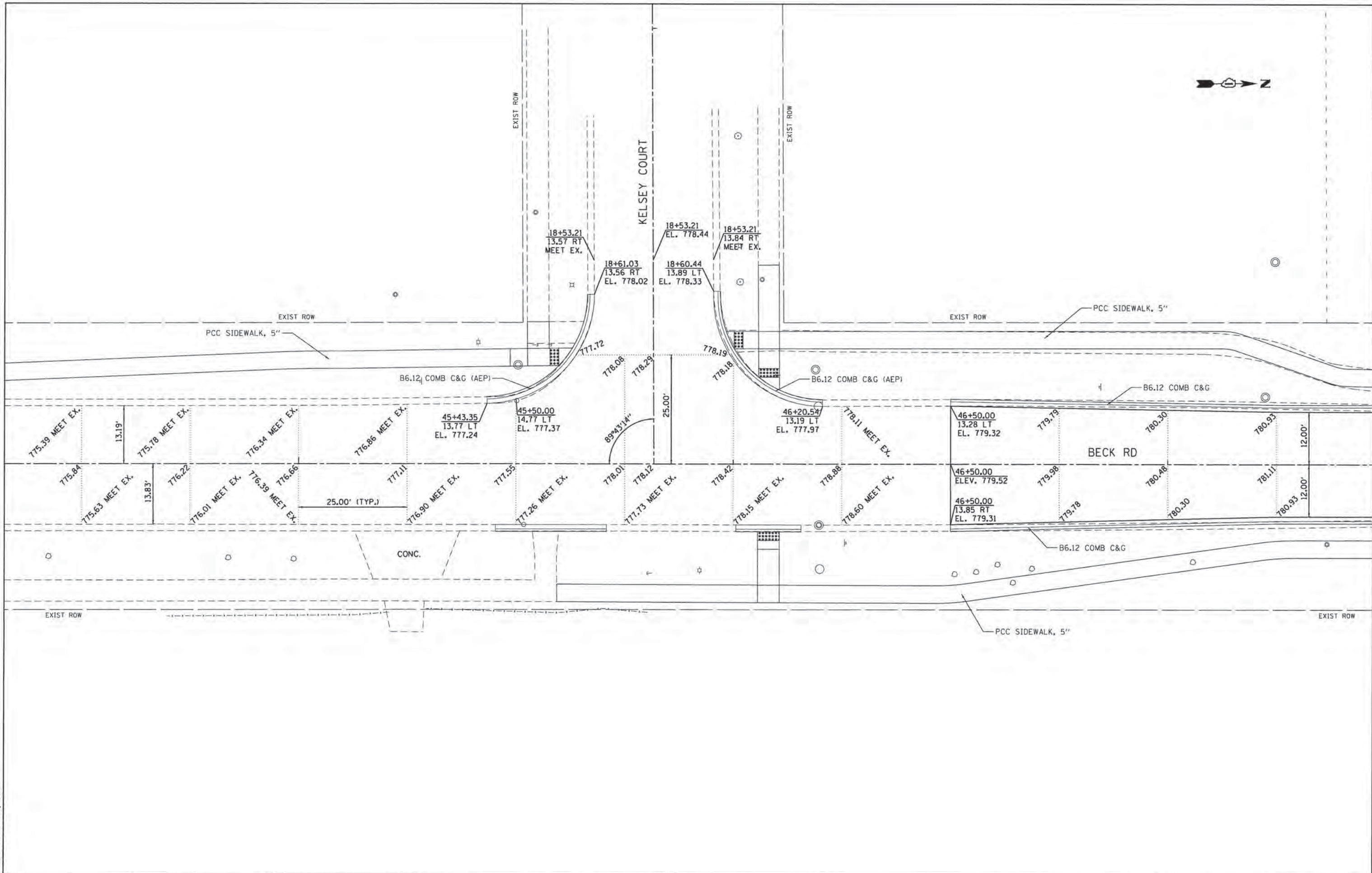
SCALE: 1"=5' SHEET 2 OF 2 SHEETS STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
160	14-00030-00-R5	LAKE	213	126
CONTRACT NO. 61C68				
ILLINOIS FED. AID PROJECT				









**GHA** GEWALT HAMILTON  
 ASSOCIATES, INC.

FILE NAME = 4477-INTERSEC.Beck\_Kelsey.dgn  
 DHA\* 4477.025  
 Default

USER NAME = mcolaman  
 PLOT SCALE = 1/8\"/>

DESIGNED - MAC  
 DRAWN - ZCW  
 CHECKED - KLB  
 DATE -

REVISED -  
 REVISED -  
 REVISED -  
 REVISED -

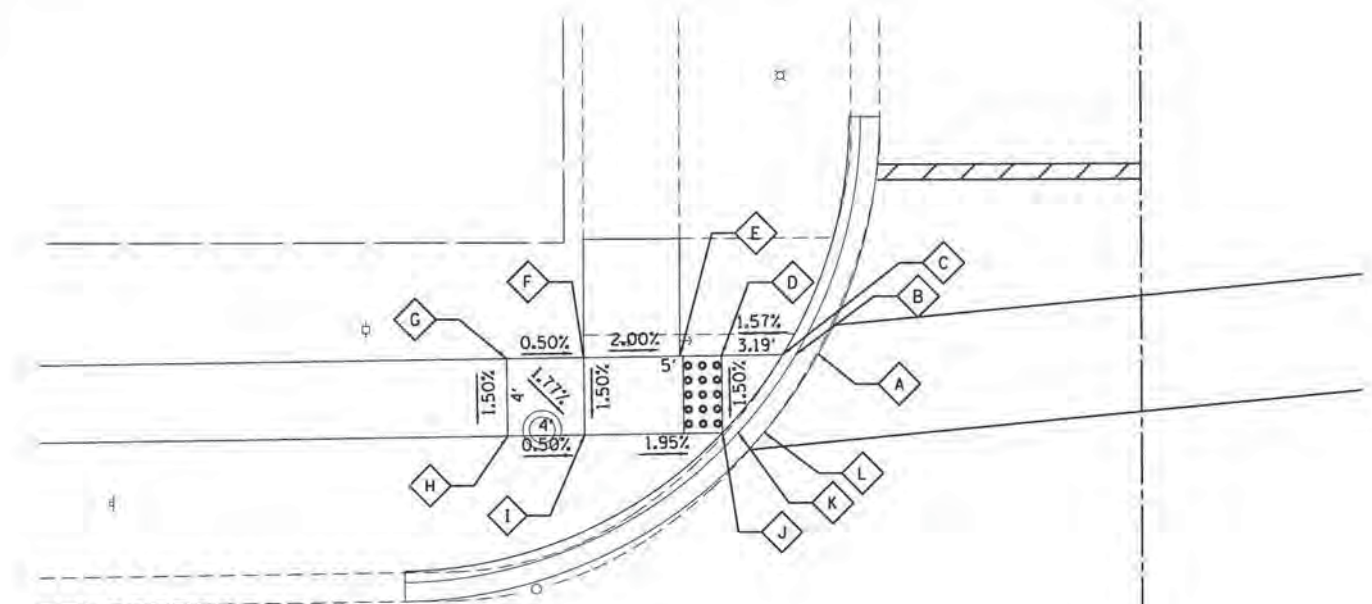
**STATE OF ILLINOIS**  
**DEPARTMENT OF TRANSPORTATION**

**INTERSECTION DETAILS**  
**BECK ROAD AT KELSEY COURT**

SCALE: 1\"/>

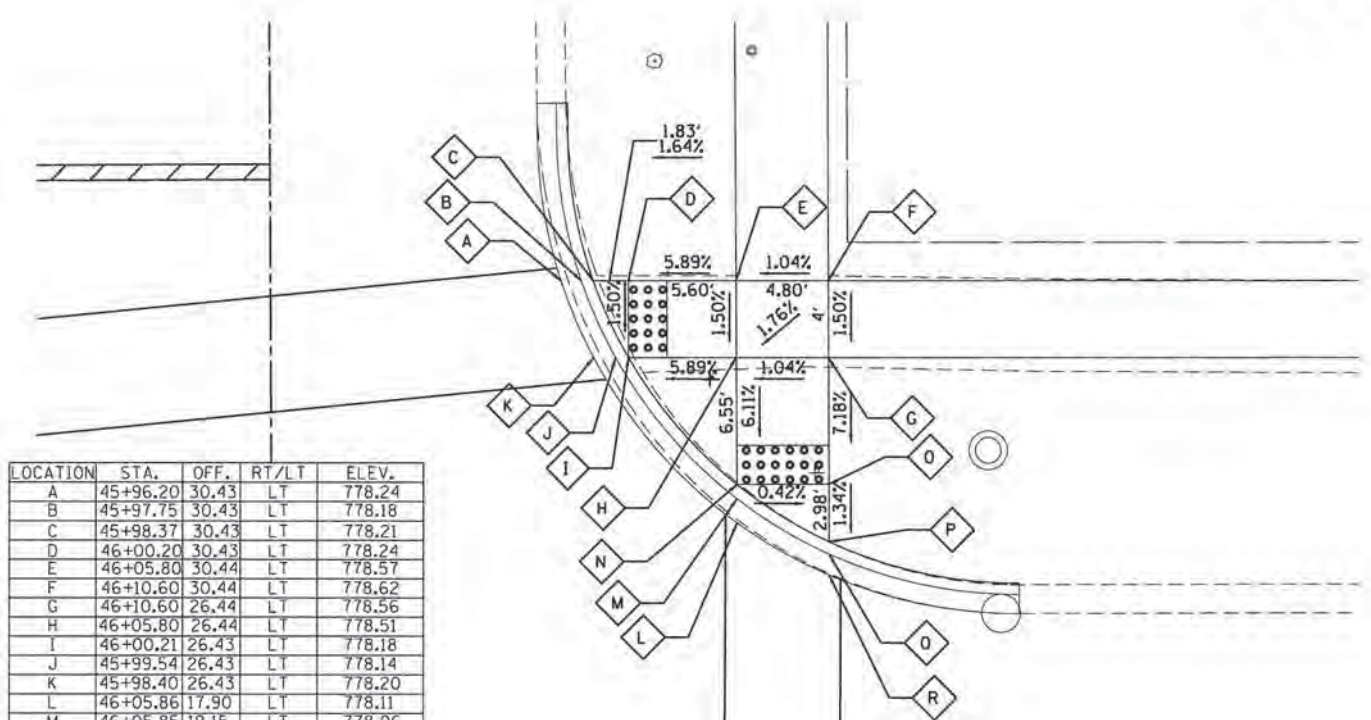
F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
160	14-00030-00-R5	LAKE	213	128
CONTRACT NO. 61C68				
ILLINOIS FED. AID PROJECT				





LOCATION	STA.	OFF.	RT/LT	ELEV.
A	45+64.82	26.57	LT	777.76
B	45+63.66	26.56	LT	777.69
C	45+62.99	26.55	LT	777.72
D	45+59.79	26.50	LT	777.67
E	45+57.62	26.47	LT	777.71
F	45+52.62	26.40	LT	777.81
G	45+48.62	26.34	LT	777.83
H	45+48.68	22.34	LT	777.77
I	45+52.68	22.40	LT	777.75
J	45+59.84	22.50	LT	777.61
K	45+60.66	22.52	LT	777.59
L	45+62.01	22.53	LT	777.66

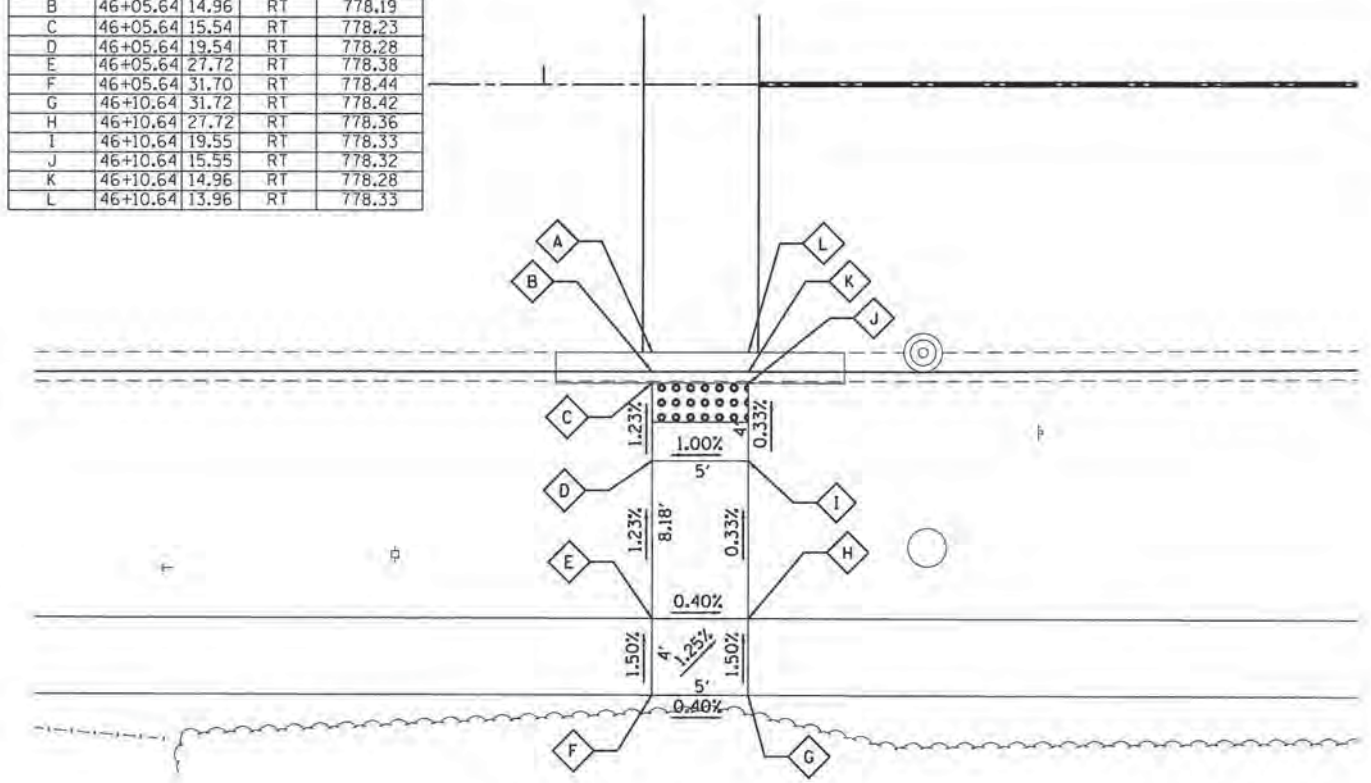
SWC OF BECK ROAD AND KELSEY COURT



LOCATION	STA.	OFF.	RT/LT	ELEV.
A	45+96.20	30.43	LT	778.24
B	45+97.75	30.43	LT	778.18
C	45+98.37	30.43	LT	778.21
D	46+00.20	30.43	LT	778.24
E	46+05.80	30.44	LT	778.57
F	46+10.60	30.44	LT	778.62
G	46+10.60	26.44	LT	778.56
H	46+05.80	26.44	LT	778.51
I	46+00.21	26.43	LT	778.18
J	45+99.54	26.43	LT	778.14
K	45+98.40	26.43	LT	778.20
L	46+05.86	17.90	LT	778.11
M	46+05.85	19.15	LT	778.06
N	46+05.85	19.89	LT	778.11
O	46+10.63	19.91	LT	778.09
P	46+10.64	16.93	LT	778.05
O	46+10.64	16.29	LT	778.01
R	46+10.65	15.20	LT	778.06

NWC OF BECK ROAD AND KELSEY COURT

LOCATION	STA.	OFF.	RT/LT	ELEV.
A	46+05.64	13.96	RT	778.24
B	46+05.64	14.96	RT	778.19
C	46+05.64	15.54	RT	778.23
D	46+05.64	19.54	RT	778.28
E	46+05.64	27.72	RT	778.38
F	46+05.64	31.70	RT	778.44
G	46+10.64	31.72	RT	778.42
H	46+10.64	27.72	RT	778.36
I	46+10.64	19.55	RT	778.33
J	46+10.64	15.55	RT	778.32
K	46+10.64	14.96	RT	778.28
L	46+10.64	13.96	RT	778.33



NEC OF BECK ROAD AND KELSEY COURT

GHA GEWALT HAMILTON ASSOCIATES, INC.

FILE NAME = 4477-DETAILS.Beck_Kelsey.dgn	USER NAME = mcolaman	DESIGNED = MAC	REVISED =
GHA# 4477.025	PLOT SCALE = 1/8"	DRAWN = ZCW	REVISED =
Default	PLOT DATE = 1/25/2016	CHECKED = KLB	REVISED =
		DATE =	REVISED =

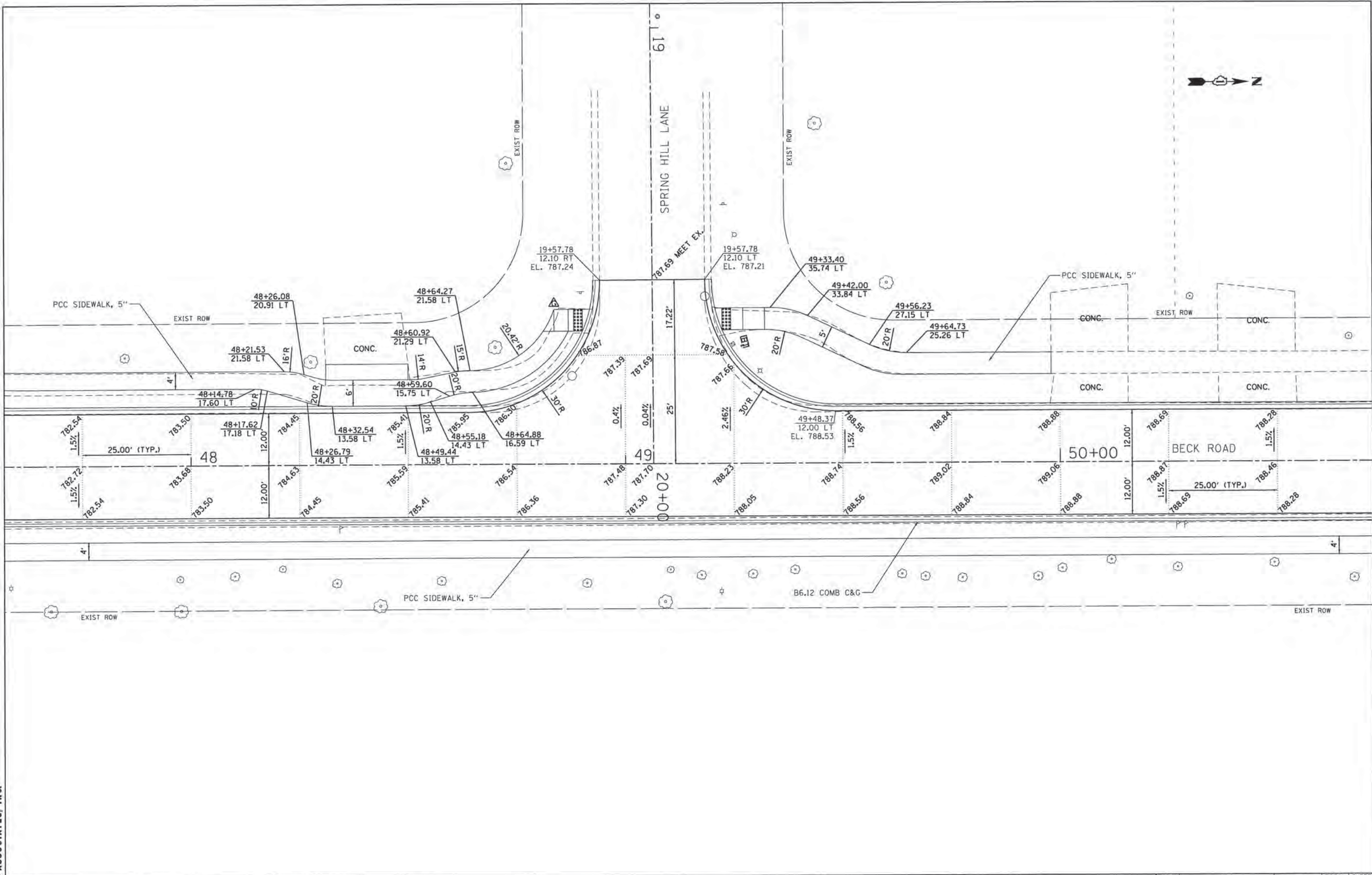
STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

ADA DETAILS  
BECK ROAD AT KELSEY COURT

SCALE: 1"=5' SHEET 2 OF 2 SHEETS STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
160	14-00030-00-RS	LAKE	213	129
CONTRACT NO. 61C68				
ILLINOIS FED. AID PROJECT				





FILE NAME = 4477-INTERSEC\_Beck.SpringHill.dgn  
 GHA# 4477.025  
 Default

USER NAME = maaleman  
 PLOT SCALE = 1/8"  
 PLOT DATE = 1/25/2018

DESIGNED - MAC  
 DRAWN - ZCW  
 CHECKED - KLB  
 DATE -

REVISED -  
 REVISED -  
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 REVISED -

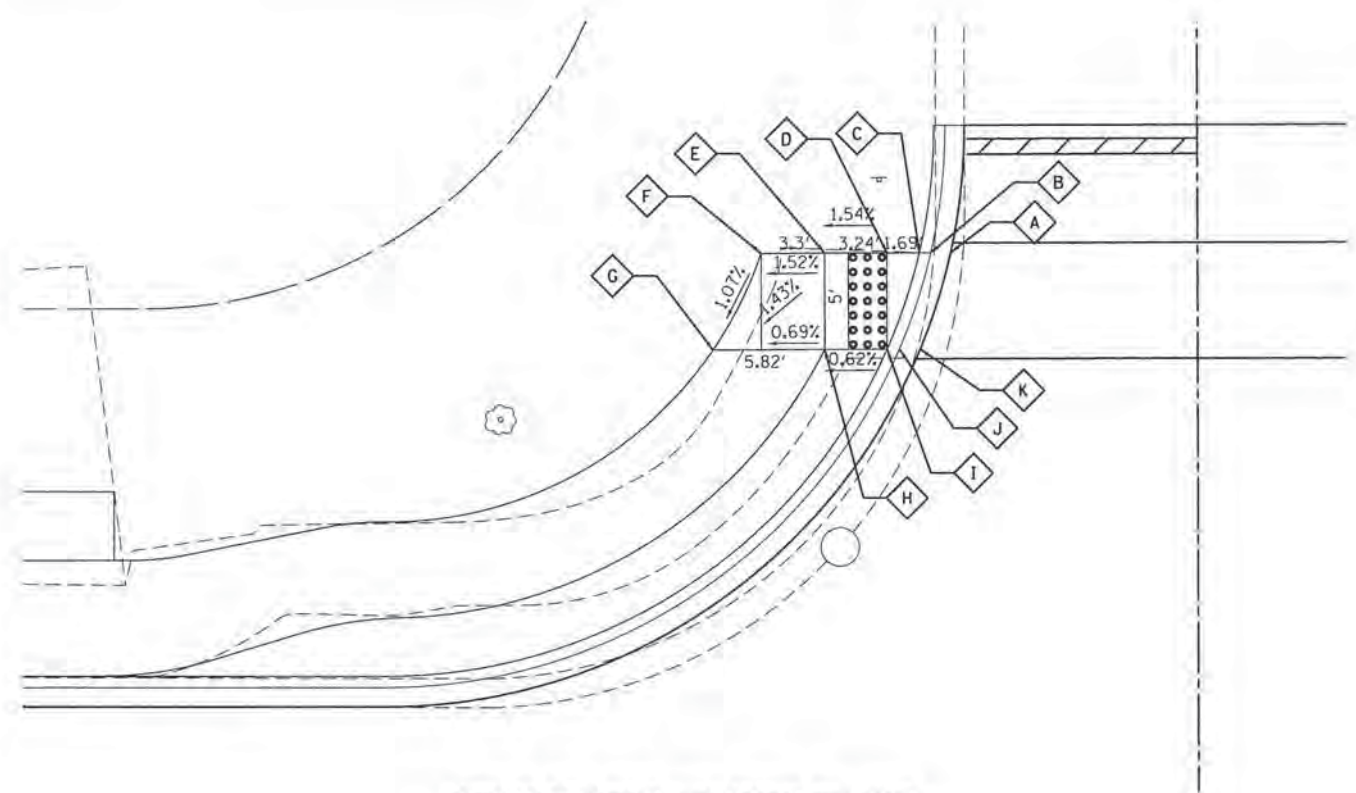
**STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION**

**INTERSECTION DETAILS  
 BECK ROAD AT AND SPRING HILL LANE**

SCALE: 1"=10'    SHEET 1 OF 2 SHEETS    STA.    TO STA.

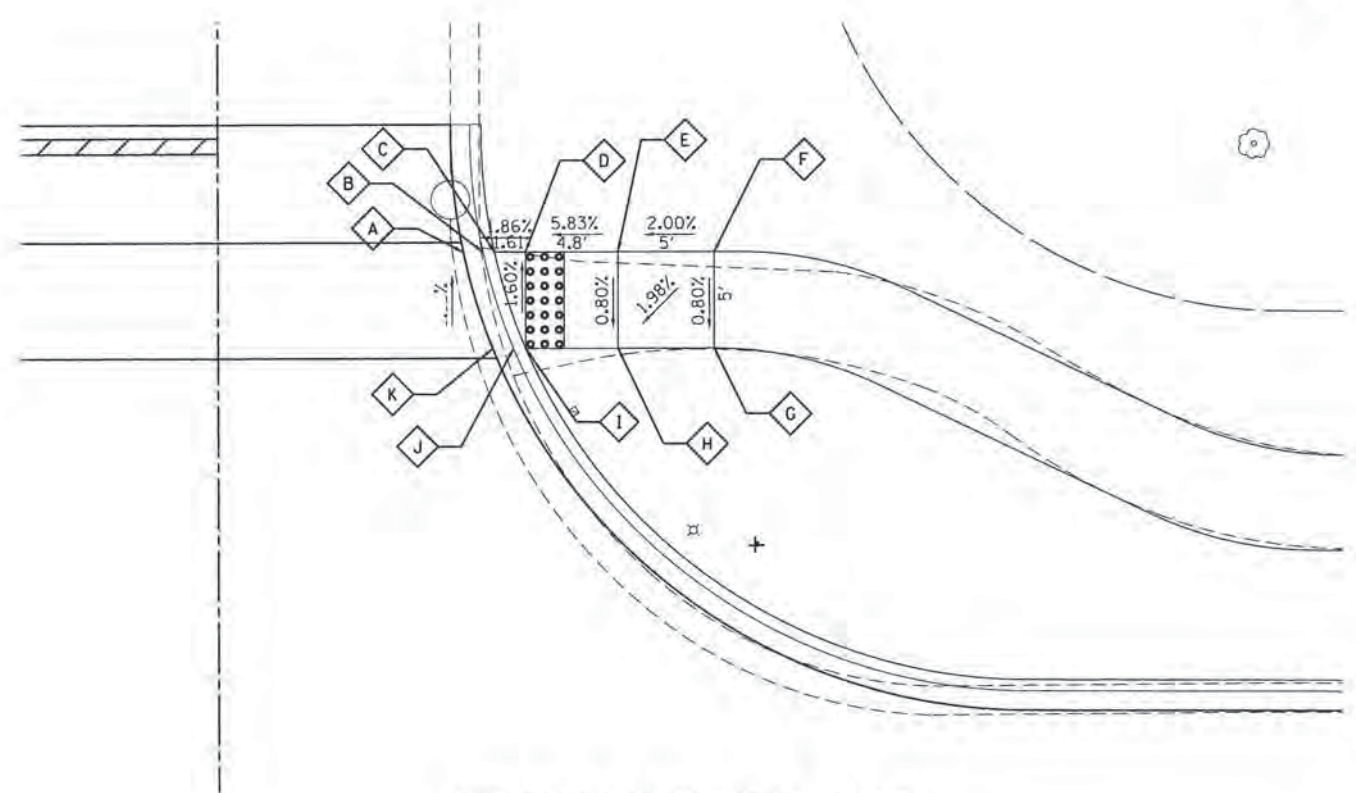
F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
160	14-00030-00-RS	LAKE	213	130
CONTRACT NO. 61C68				
ILLINOIS FED. AID PROJECT				





SWC OF BECK ROAD AND SPRING HILL LANE

LOCATION	STA.	OFF.	RT/LT	ELEV.
A	48+93.48	35.55	LT	787.11
B	48+92.45	35.54	LT	787.06
C	48+91.86	35.54	LT	787.10
D	48+90.16	35.53	LT	787.09
E	48+86.92	35.51	LT	787.04
F	48+83.63	35.50	LT	786.99
G	48+81.13	30.49	LT	786.93
H	48+86.95	30.51	LT	786.97
I	48+90.19	30.53	LT	786.99
J	48+90.82	30.53	LT	786.95
K	48+91.91	30.54	LT	787.00



NWC OF BECK ROAD AND SPRING HILL LANE

LOCATION	STA.	OFF.	RT/LT	ELEV.
A	49+19.05	35.67	LT	787.34
B	49+20.07	35.67	LT	787.30
C	49+20.67	35.68	LT	787.34
D	49+22.28	35.71	LT	787.37
E	49+27.09	35.73	LT	787.65
F	49+32.09	35.73	LT	787.75
G	49+32.11	30.73	LT	787.71
H	49+27.11	30.71	LT	787.61
I	49+22.31	30.68	LT	787.45
J	49+21.67	30.68	LT	787.41
K	49+20.59	30.68	LT	787.45

**CHA** GEWALT HAMILTON  
 ASSOCIATES, INC.

FILE NAME = 4477-DETAILS\_Beck\_SpringHill.dgn  
 GHA\* 4477.025  
 Default

USER NAME = mcoleman  
 PLOT SCALE = 1/8  
 PLOT DATE = 1/25/2016

DESIGNED = MAC  
 DRAWN = ZCW  
 CHECKED = KLB  
 DATE =

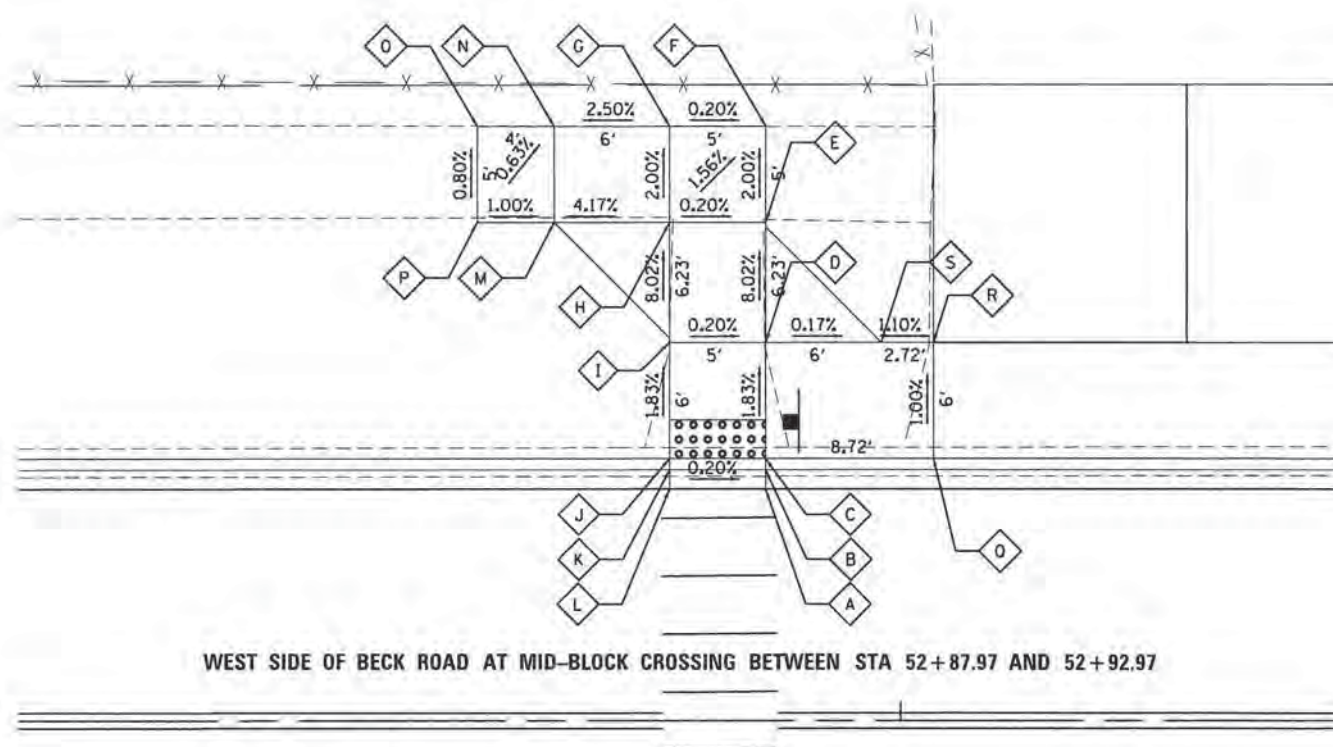
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 REVISED =  
 REVISED =

STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION

ADA DETAILS  
 BECK ROAD AT AND SPRING HILL LANE  
 SCALE: 1"=5'  
 SHEET 2 OF 2 SHEETS STA. TO STA.

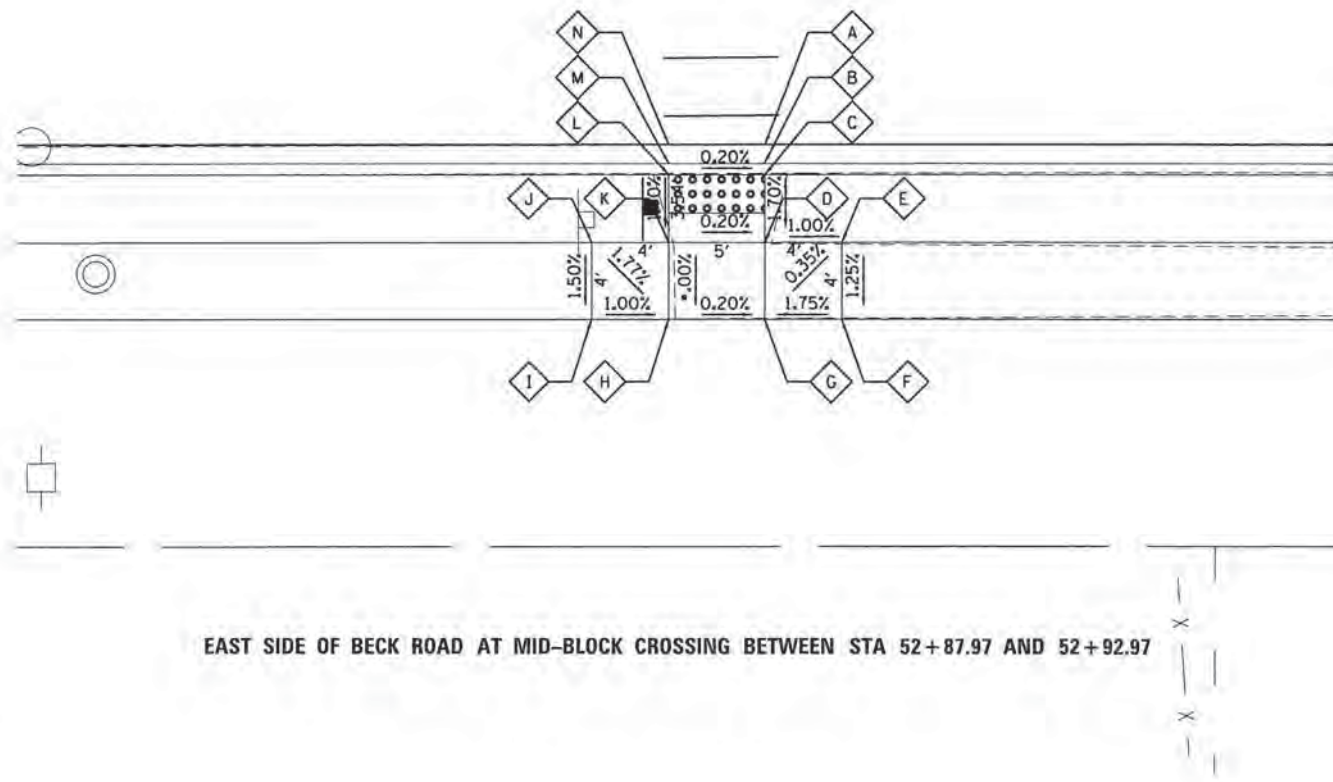
F.A.J. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
160	14-00030-00-RS	LAKE	213	131
CONTRACT NO. 61C68				
ILLINOIS FED. AID PROJECT				





LOCATION	STA.	OFF.	RT/LT	ELEV.
A	52+92.97	12'	LT	784.79
B	52+92.97	13'	LT	784.73
C	52+92.97	13.58'	LT	784.77
D	52+92.97	19.58'	LT	784.66
E	52+92.97	25.81'	LT	784.16
F	52+92.97	30.81'	LT	784.06
G	52+87.97	30.81'	LT	784.07
H	52+87.97	25.81'	LT	784.17
I	52+87.97	19.58'	LT	784.67
J	52+87.97	13.58'	LT	784.78
K	52+87.97	13'	LT	784.74
L	52+87.97	12'	LT	784.80
M	52+81.97	25.81'	LT	783.92
N	52+81.97	30.81'	LT	783.92
O	52+77.97	30.81'	LT	783.92
P	52+77.97	25.81'	LT	783.96
Q	53+01.70	13.58'	LT	784.77
R	53+01.70	19.58'	LT	784.62
S	52+98.97	19.58'	LT	784.65

WEST SIDE OF BECK ROAD AT MID-BLOCK CROSSING BETWEEN STA 52+87.97 AND 52+92.97



LOCATION	STA.	OFF.	RT/LT	ELEV.
A	52+92.97	12'	RT	784.79
B	52+92.97	13'	RT	784.73
C	52+92.97	13.58'	RT	784.77
D	52+92.97	17.12'	RT	784.71
E	52+96.97	17.12'	RT	784.67
F	52+96.97	21.12'	RT	784.72
G	52+92.97	21.12'	RT	784.65
H	52+87.97	21.12'	RT	784.66
I	52+83.97	21.12'	RT	784.70
J	52+83.97	17.12'	RT	784.76
K	52+87.97	17.12'	RT	784.72
L	52+87.97	13.58'	RT	784.78
M	52+87.97	13'	RT	784.74
N	52+87.97	12'	RT	784.80

EAST SIDE OF BECK ROAD AT MID-BLOCK CROSSING BETWEEN STA 52+87.97 AND 52+92.97

GHA GEWALT HAMILTON ASSOCIATES, INC.

FILE NAME = 4477-DETAILS,Beck_Mid-Block.dgn	USER NAME = mcoleman	DESIGNED - MAC	REVISED -
DHA* 4477.025	PLOT SCALE = 1/8"	DRAWN - ZCW	REVISED -
Default	PLOT DATE = 1/25/2016	CHECKED - KLB	REVISED -
		DATE -	REVISED -

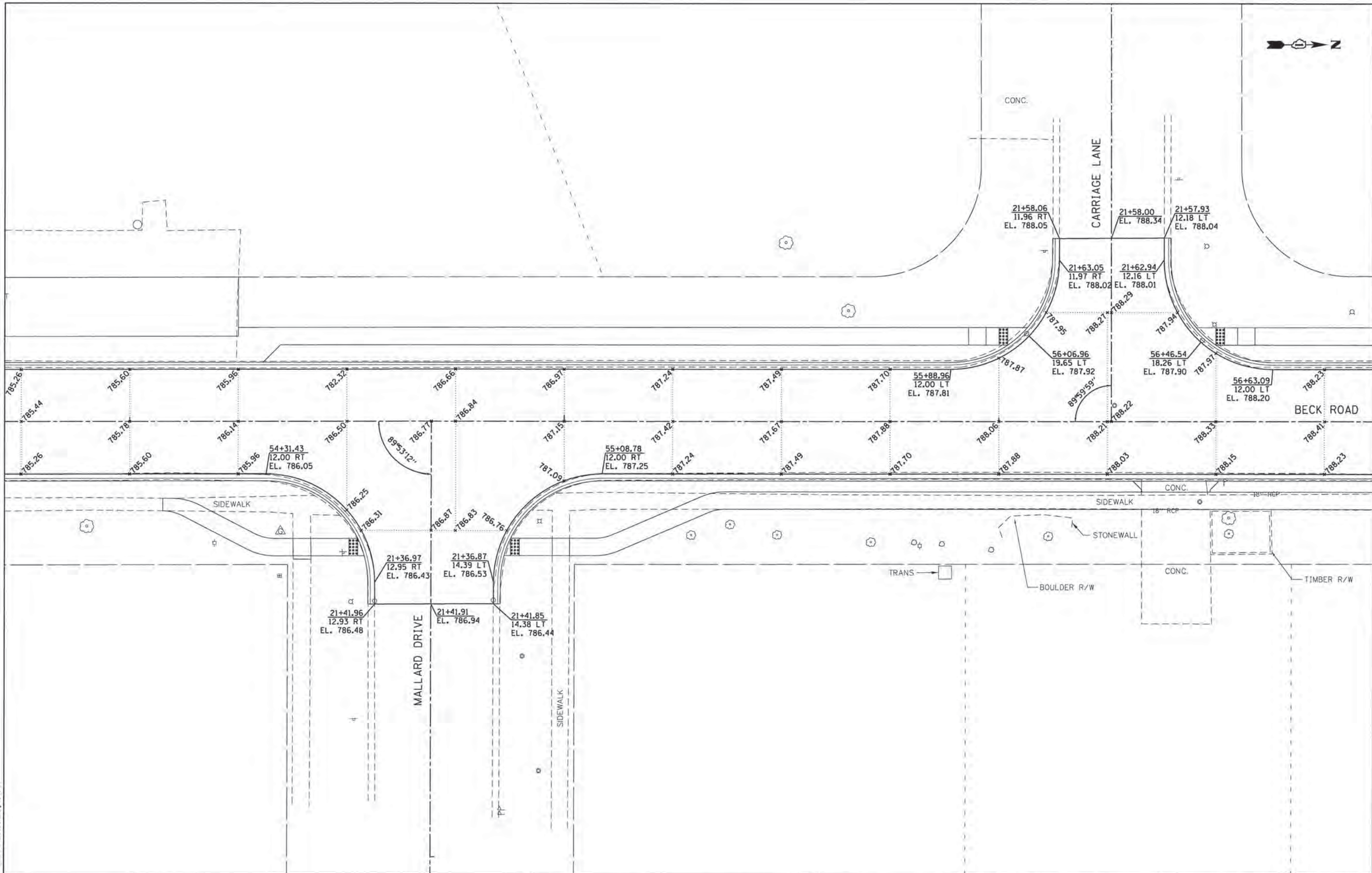
**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**ADA DETAILS  
BECK ROAD AT FOREST PRESERVE MID-BLOCK CROSSING**

SCALE: 1"=5'      SHEET 1 OF 1 SHEETS      STA.      TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
160	14-00030-00-RS	LAKE	213	132
CONTRACT NO. 61C68				
ILLINOIS FED. AID PROJECT				





**GHA** GEWALT HAMILTON  
 ASSOCIATES, INC.

FILE NAME : 4477-INTERSEC.Beck\_Mallard.dgn  
 USER : maclemar  
 PLOT SCALE : 1/8"=1'-0"  
 PLOT DATE : 1/25/2016

DESIGNED - MAC  
 DRAWN - ZCW  
 CHECKED - KLB  
 DATE -

REVISED -  
 REVISED -  
 REVISED -  
 REVISED -

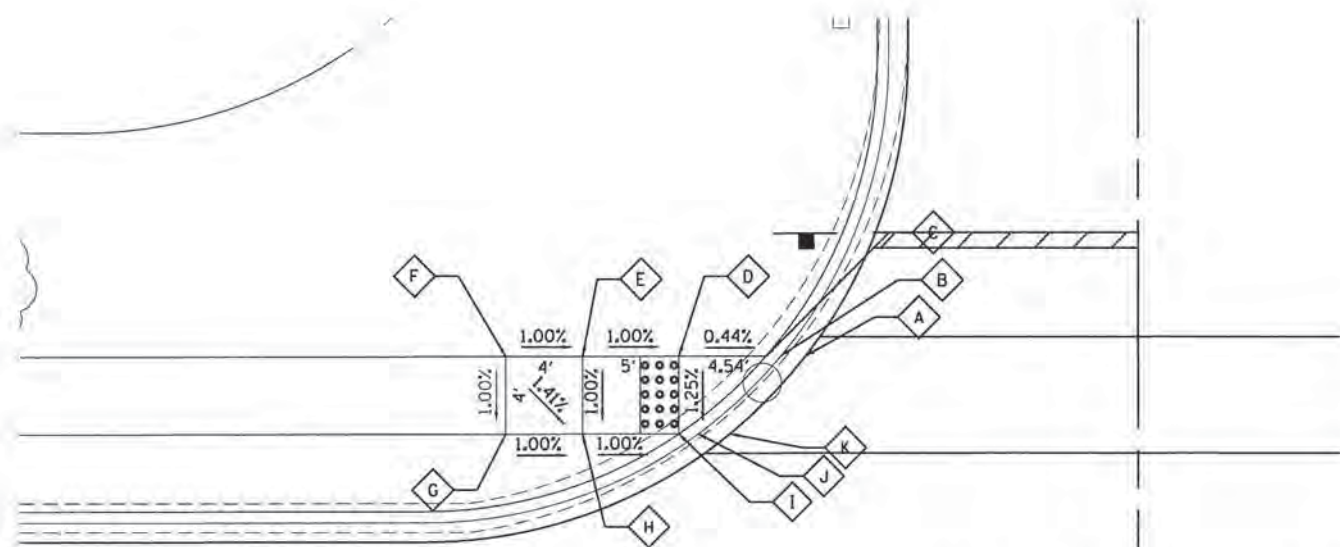
**STATE OF ILLINOIS**  
**DEPARTMENT OF TRANSPORTATION**

**INTERSECTION DETAILS**  
**BECK ROAD AT AND MALLARD DRIVE AND CARRIAGE LANE**

SCALE: 1"=10'    SHEET 1 OF 2 SHEETS    STA.    TO STA.

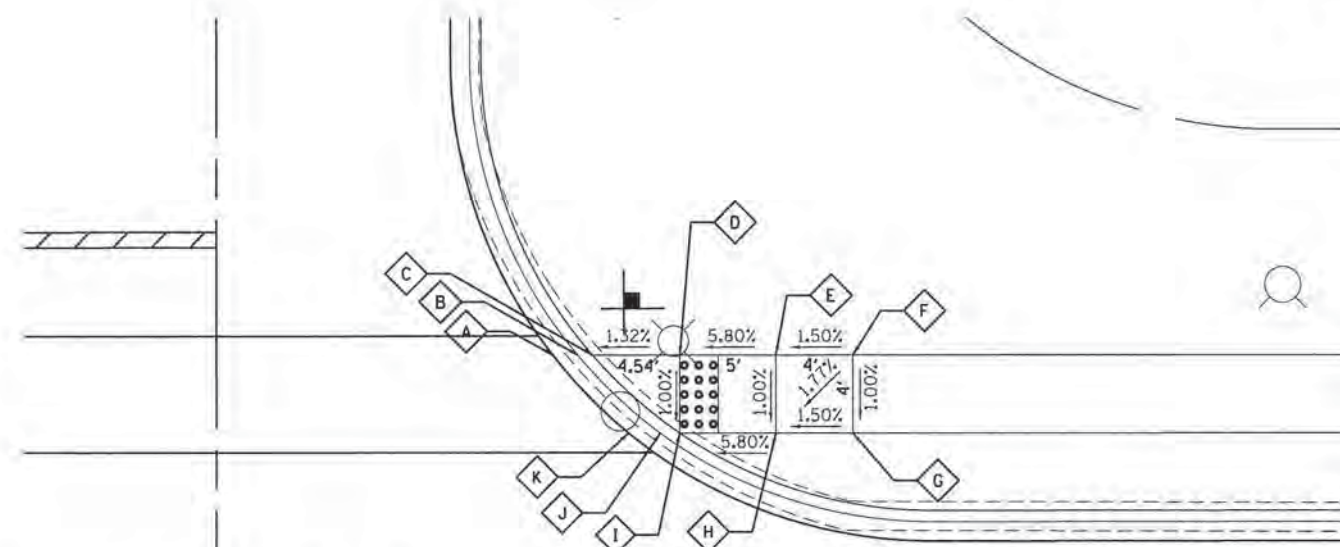
F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
160	14-00030-00-RS	LAKE	213	133
CONTRACT NO. 61C68				
ILLINOIS FED. AID PROJECT				





LOCATION	STA.	OFF.	RT/LT	ELEV.
A	56+08.64	21.58	LT	787.93
B	56+07.35	21.58	LT	787.86
C	56+06.58	21.58	LT	787.90
D	56+02.05	21.58	LT	787.92
E	55+97.05	21.58	LT	787.97
F	55+93.05	21.58	LT	788.01
G	55+93.05	17.58	LT	787.97
H	55+97.05	17.58	LT	787.93
I	56+02.05	17.58	LT	787.87
J	56+03.06	17.58	LT	787.83
K	56+04.71	17.58	LT	787.90

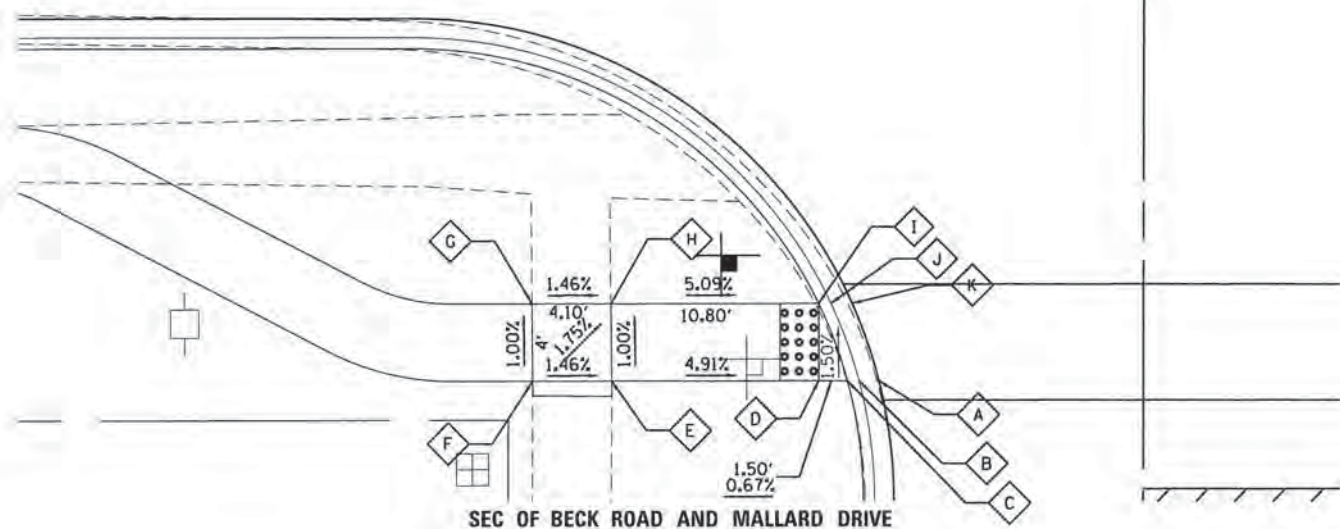
SWC OF BECK ROAD AND CARRIAGE LANE



LOCATION	STA.	OFF.	RT/LT	ELEV.
A	56+43.41	21.58	LT	787.92
B	56+44.69	21.58	LT	787.86
C	56+45.46	21.58	LT	787.90
D	56+50.00	21.58	LT	787.96
E	56+55.00	21.58	LT	788.25
F	56+59.00	21.58	LT	788.31
G	56+59.00	17.58	LT	788.27
H	56+55.00	17.58	LT	788.21
I	56+50.00	17.58	LT	787.92
J	56+48.98	17.58	LT	787.86
K	56+47.34	17.58	LT	787.90

NWC OF BECK ROAD AND CARRIAGE LANE

LOCATION	STA.	OFF.	RT/LT	ELEV.
A	54+55.66	30.82	RT	786.37
B	54+54.62	30.82	RT	786.31
C	54+54.02	30.82	RT	786.35
D	54+52.52	30.82	RT	786.36
E	54+41.77	30.83	RT	786.89
F	54+37.66	30.83	RT	786.95
G	54+37.62	26.83	RT	786.91
H	54+41.72	26.83	RT	786.85
I	54+52.52	26.82	RT	786.30
J	54+53.17	26.82	RT	786.26
K	54+54.27	26.82	RT	786.33



SEC OF BECK ROAD AND MALLARD DRIVE

LOCATION	STA.	OFF.	RT/LT	ELEV.
A	54+84.56	30.80	RT	786.64
B	54+85.59	30.80	RT	786.59
C	54+86.19	30.80	RT	786.63
D	54+87.70	30.80	RT	786.65
E	54+97.29	30.80	RT	787.20
F	55+01.28	30.79	RT	787.26
G	55+01.29	26.79	RT	787.22
H	54+97.30	26.80	RT	787.16
I	54+87.70	26.80	RT	786.72
J	54+87.05	26.80	RT	786.67
K	54+85.95	26.80	RT	786.72

NEC OF BECK ROAD AND MALLARD DRIVE

GHA GEWALT HAMILTON ASSOCIATES, INC.

FILE NAME = 4477-DE FALLS\_Beck\_Mallard.dgn  
GHA\* 4477.825  
Default

USER NAME = mcoleman  
PLOT SCALE = 1:5  
PLOT DATE = 1/25/2018

DESIGNED - MAC  
DRAWN - ZCW  
CHECKED - KLB  
DATE -

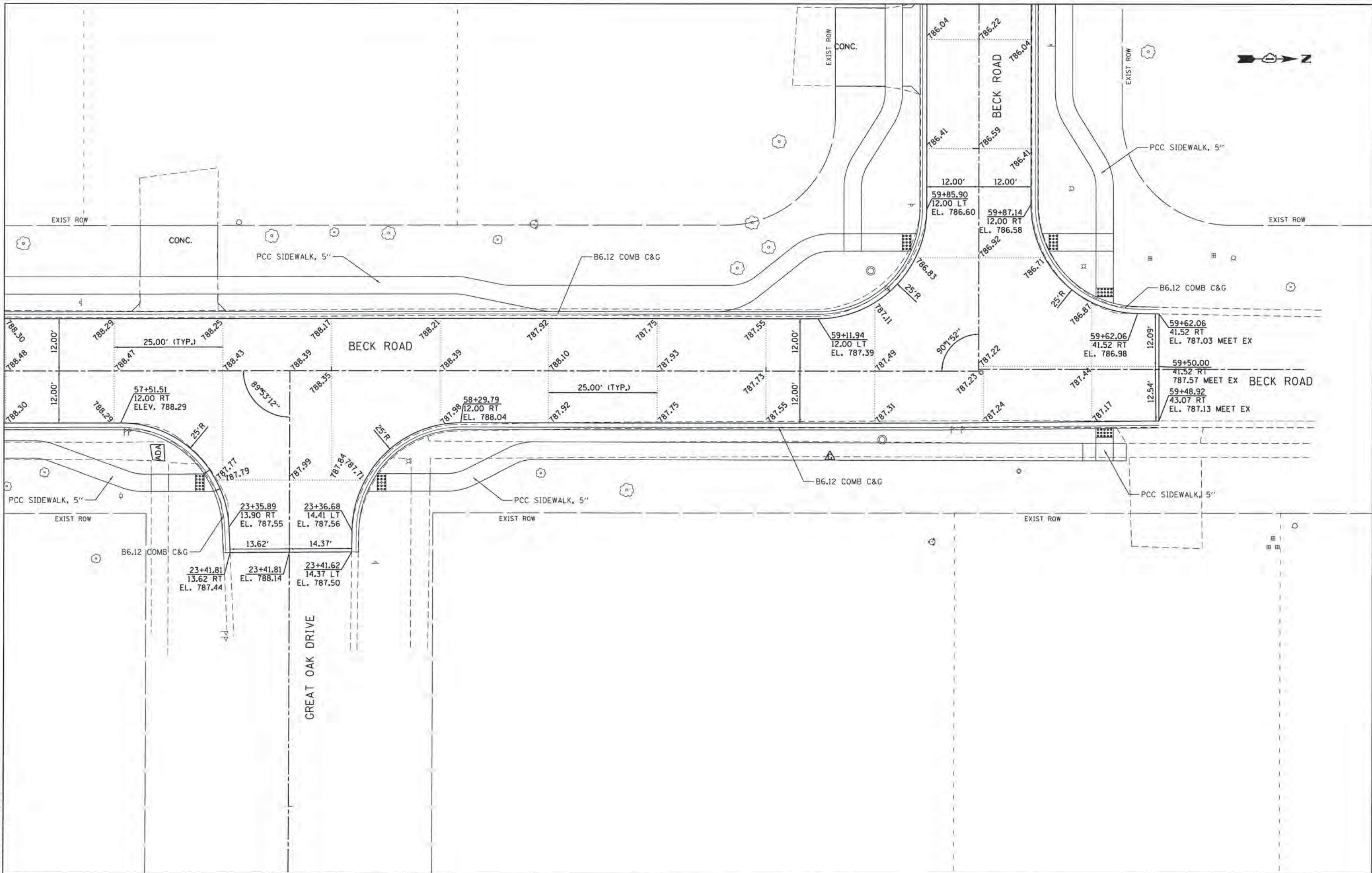
REVISED -  
REVISED -  
REVISED -  
REVISED -

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

ADA DETAILS  
BECK ROAD AT AND MALLARD DRIVE AND CARRIAGE LANE  
SCALE: 1"=5' SHEET 2 OF 2 SHEETS STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
160	14-00030-00-R5	LAKE	213	134
				CONTRACT NO. 61C68
(ILLINOIS) FED. AID PROJECT				





**GHA** GEWALT HAMILTON  
 ASSOCIATES, INC.

FILE NAME = 4477-INTERSEC.Beck\_GreatOak.dgn  
 DHA# 4477.025  
 Default

USER NAME = mcolemn  
 PLOT SCALE = 1:10  
 PLOT DATE = 1/25/2016

DESIGNED - MAC  
 DRAWN - ZCW  
 CHECKED - KLB  
 DATE -

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 REVISED -

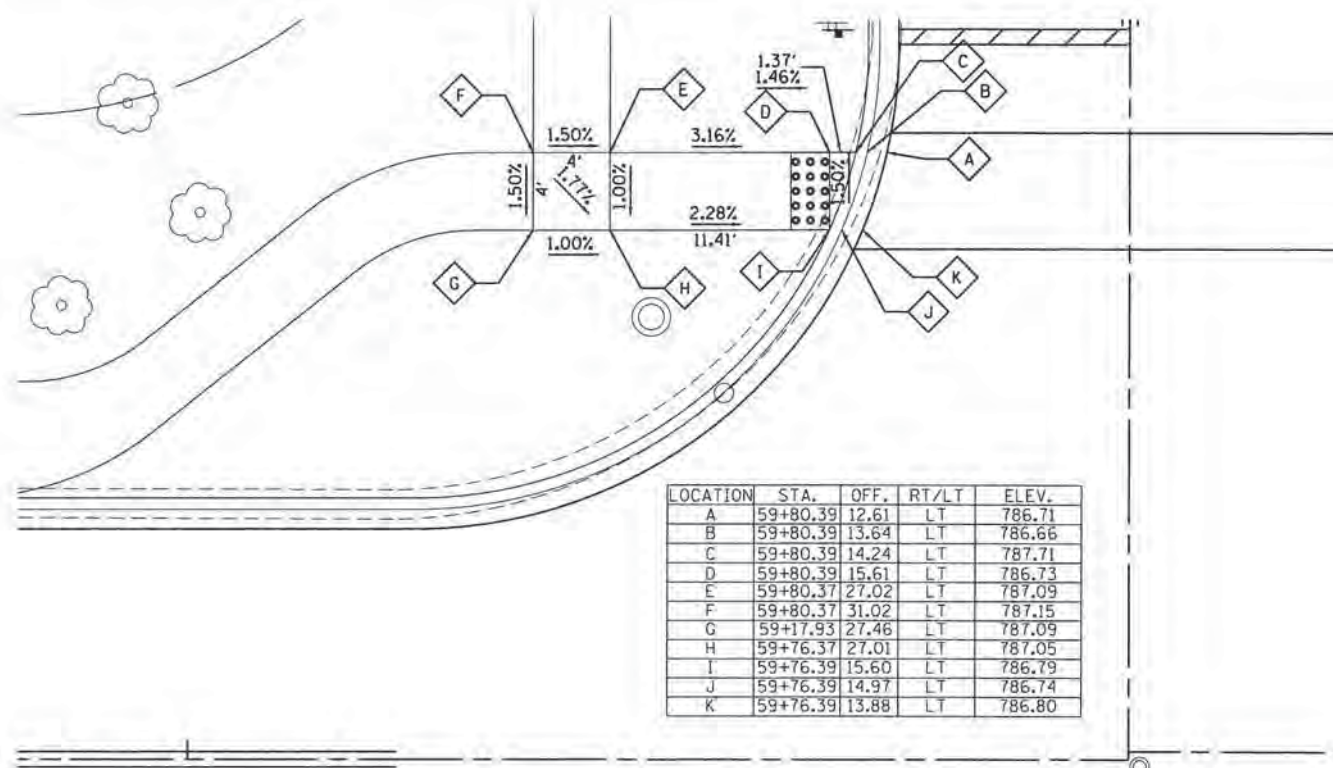
**STATE OF ILLINOIS**  
**DEPARTMENT OF TRANSPORTATION**

**INTERSECTION DETAILS**  
**BECK ROAD AT GREAT OAK DRIVE AND BECK ROAD**

SCALE: 1"=10'    SHEET 1 OF 2 SHEETS    STA.    TO STA.

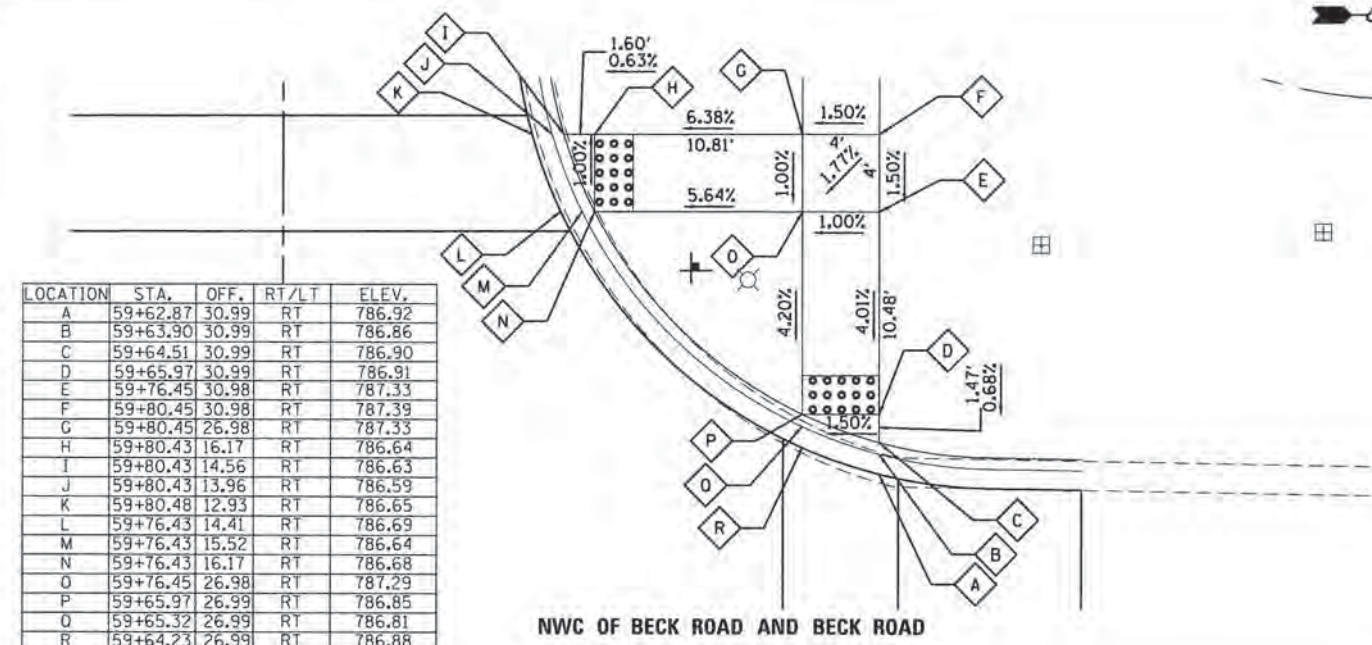
F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
160	14-00030-00-RS	LAKE	213	135
CONTRACT NO. 61C68				
ILLINOIS FED. AID PROJECT				





LOCATION	STA.	OFF.	RT/LT	ELEV.
A	59+80.39	12.61	LT	786.71
B	59+80.39	13.64	LT	786.66
C	59+80.39	14.24	LT	787.71
D	59+80.39	15.61	LT	786.73
E	59+80.37	27.02	LT	787.09
F	59+80.37	31.02	LT	787.15
G	59+17.93	27.46	LT	787.09
H	59+76.37	27.01	LT	787.05
I	59+76.39	15.60	LT	786.79
J	59+76.39	14.97	LT	786.74
K	59+76.39	13.88	LT	786.80

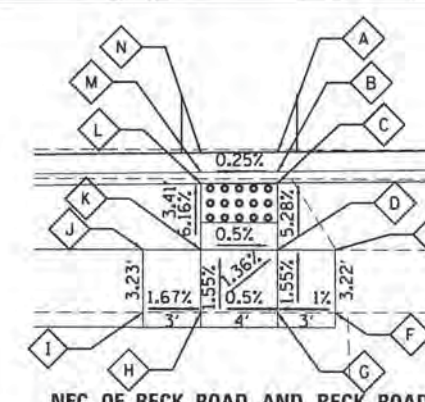
SWC OF BECK ROAD AND BECK ROAD



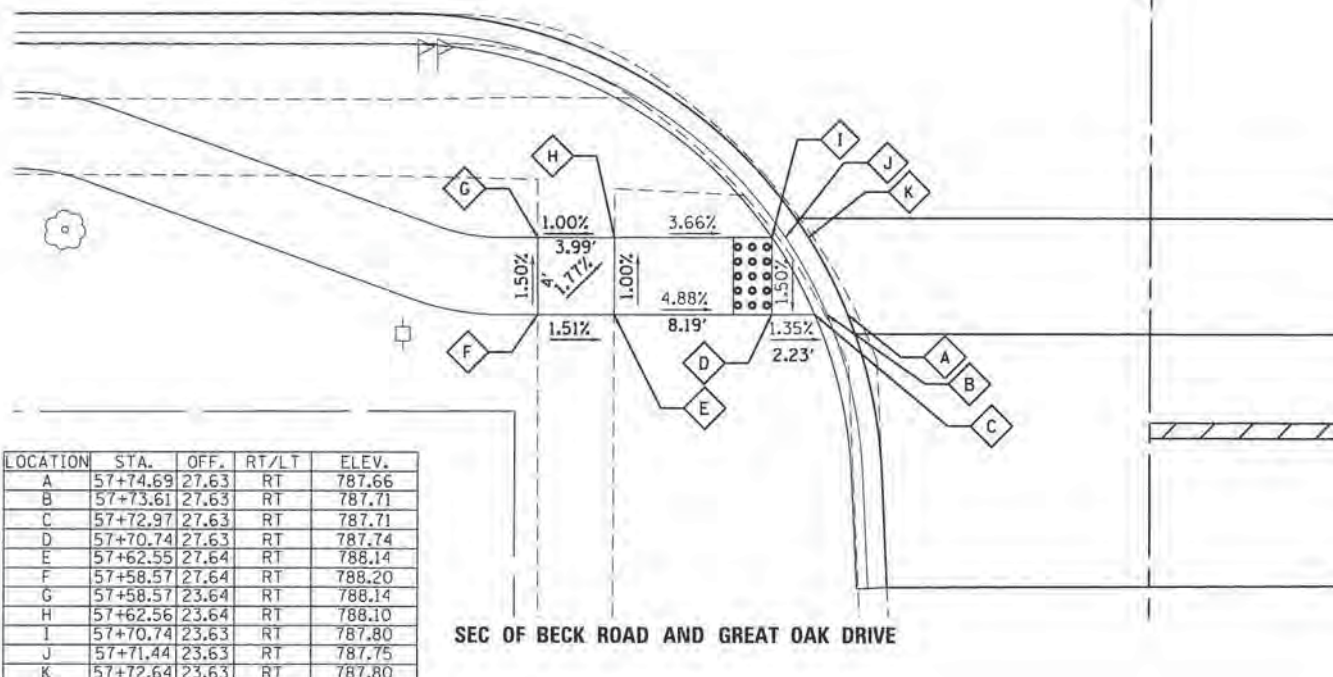
LOCATION	STA.	OFF.	RT/LT	ELEV.
A	59+62.87	30.99	RT	786.92
B	59+63.90	30.99	RT	786.86
C	59+64.51	30.99	RT	786.90
D	59+65.97	30.99	RT	786.91
E	59+76.45	30.98	RT	787.33
F	59+80.45	30.98	RT	787.39
G	59+80.45	26.98	RT	787.33
H	59+80.43	16.17	RT	786.64
I	59+80.43	14.56	RT	786.63
J	59+80.43	13.96	RT	786.59
K	59+80.48	12.93	RT	786.65
L	59+76.43	14.41	RT	786.69
M	59+76.43	15.52	RT	786.64
N	59+76.43	16.17	RT	786.68
O	59+76.45	26.98	RT	787.29
P	59+65.97	26.99	RT	786.85
Q	59+65.32	26.99	RT	786.81
R	59+64.23	26.99	RT	786.88

NWC OF BECK ROAD AND BECK ROAD

LOCATION	STA.	OFF.	RT/LT	ELEV.
A	59+48.92	33.09	RT	787.11
B	59+48.92	33.45	RT	787.05
C	59+48.92	33.68	RT	787.09
D	59+48.92	35.17	RT	787.27
E	59+76.45	37.85	RT	787.34
F	59+48.92	39.37	RT	787.35
G	59+48.92	36.81	RT	787.32
H	59+48.92	33.51	RT	787.34
I	59+48.92	31.14	RT	787.39
J	59+48.92	29.19	RT	787.37
K	59+48.92	31.70	RT	787.29
L	59+48.92	30.06	RT	787.08
M	59+48.92	29.80	RT	787.04
N	59+48.92	29.39	RT	787.10

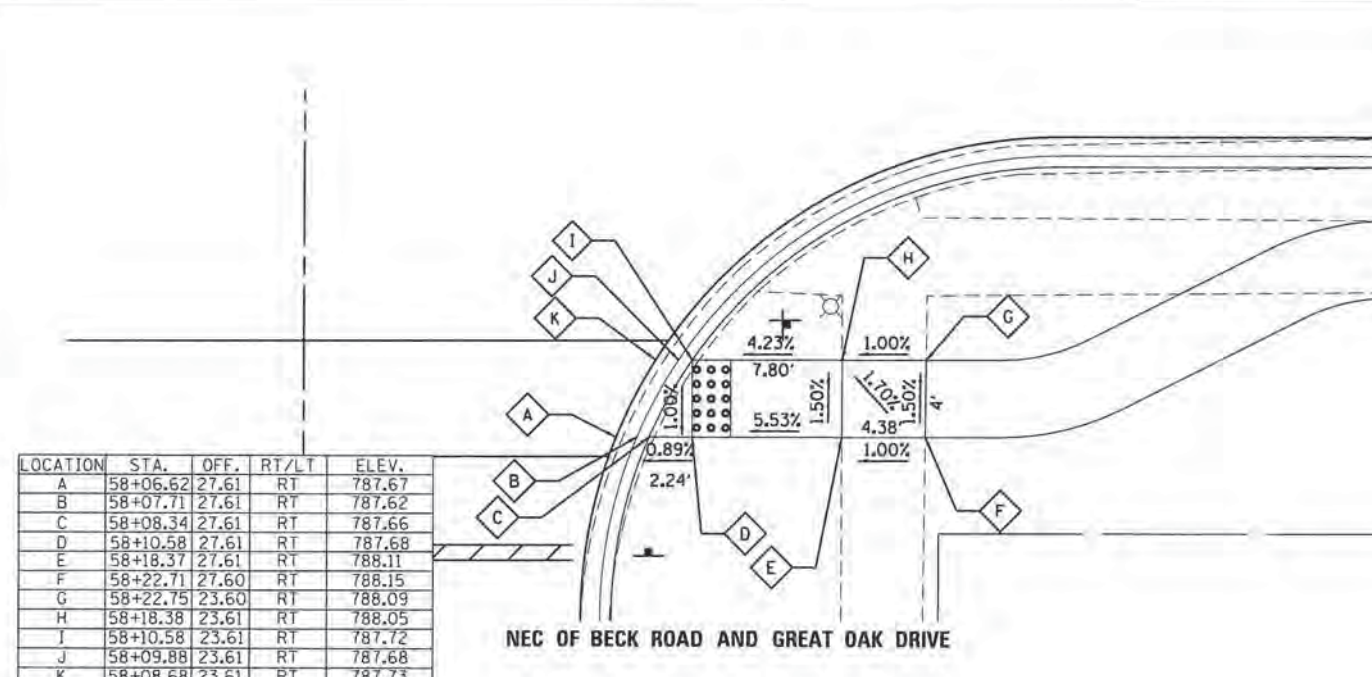


NEC OF BECK ROAD AND BECK ROAD



LOCATION	STA.	OFF.	RT/LT	ELEV.
A	57+74.69	27.63	RT	787.66
B	57+73.61	27.63	RT	787.71
C	57+72.97	27.63	RT	787.71
D	57+70.74	27.63	RT	787.74
E	57+62.55	27.64	RT	788.14
F	57+58.57	27.64	RT	788.20
G	57+58.57	23.64	RT	788.14
H	57+62.56	23.64	RT	788.10
I	57+70.74	23.63	RT	787.80
J	57+71.44	23.63	RT	787.75
K	57+72.64	23.63	RT	787.80

SEC OF BECK ROAD AND GREAT OAK DRIVE



LOCATION	STA.	OFF.	RT/LT	ELEV.
A	58+06.62	27.61	RT	787.67
B	58+07.71	27.61	RT	787.62
C	58+08.34	27.61	RT	787.66
D	58+10.58	27.61	RT	787.68
E	58+18.37	27.61	RT	788.11
F	58+22.71	27.60	RT	788.15
G	58+22.75	23.60	RT	788.09
H	58+18.38	23.61	RT	788.05
I	58+10.58	23.61	RT	787.72
J	58+09.88	23.61	RT	787.68
K	58+08.68	23.61	RT	787.73

NEC OF BECK ROAD AND GREAT OAK DRIVE

GHA GEWALT HAMILTON ASSOCIATES, INC.

FILE NAME = 4477-DETAILS.Beck.GreatOak.dgn  
GHA\* 4477.025  
Default

USER NAME = mcolmen  
PLOT SCALE = 1/8"  
PLOT DATE = 1/25/2016

DESIGNED - MAC  
DRAWN - ZCW  
CHECKED - KLB  
DATE -

REVISED -  
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REVISED -

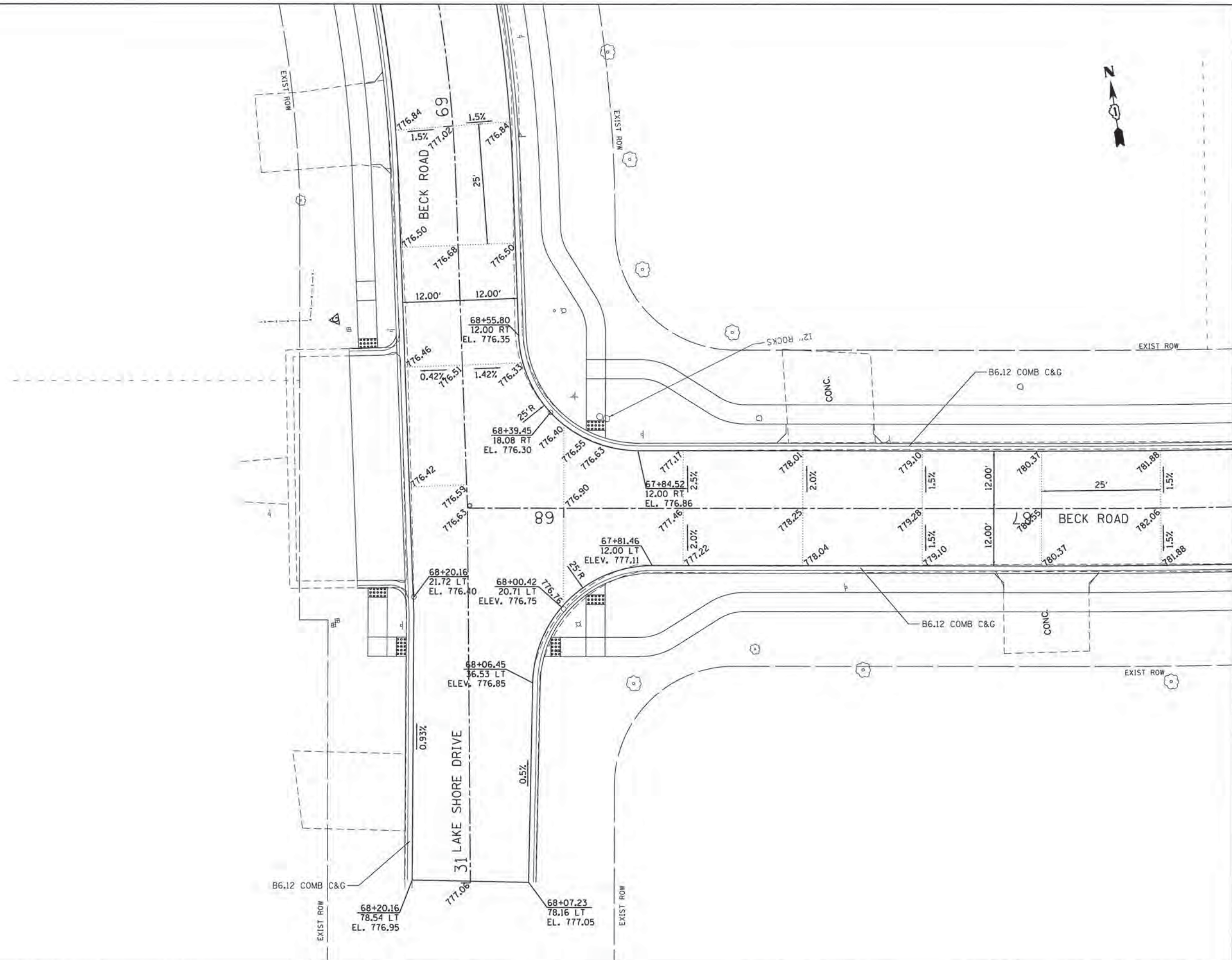
STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

ADA DETAILS  
BECK ROAD AT GREAT OAK DRIVE AND BECK ROAD

SCALE: 1"=5' SHEET 2 OF 2 SHEETS STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
160	14-00030-00-RS	LAKE	213	136
CONTRACT NO. 61C68				
ILLINOIS FED. AID PROJECT				





**GHA** GEWAID HAMILTON ASSOCIATES, INC.

FILE NAME = 4477-INTERSEC.Beck.Lakeshore.dgn  
 DHA# 4477.025  
 Default

USER NAME = maaleman  
 PLOT SCALE = 1/8"=1'-0"  
 PLOT DATE = 1/25/2016

DESIGNED - MAC  
 DRAWN - ZCW  
 CHECKED - KLB  
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REVISED -  
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**STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION**

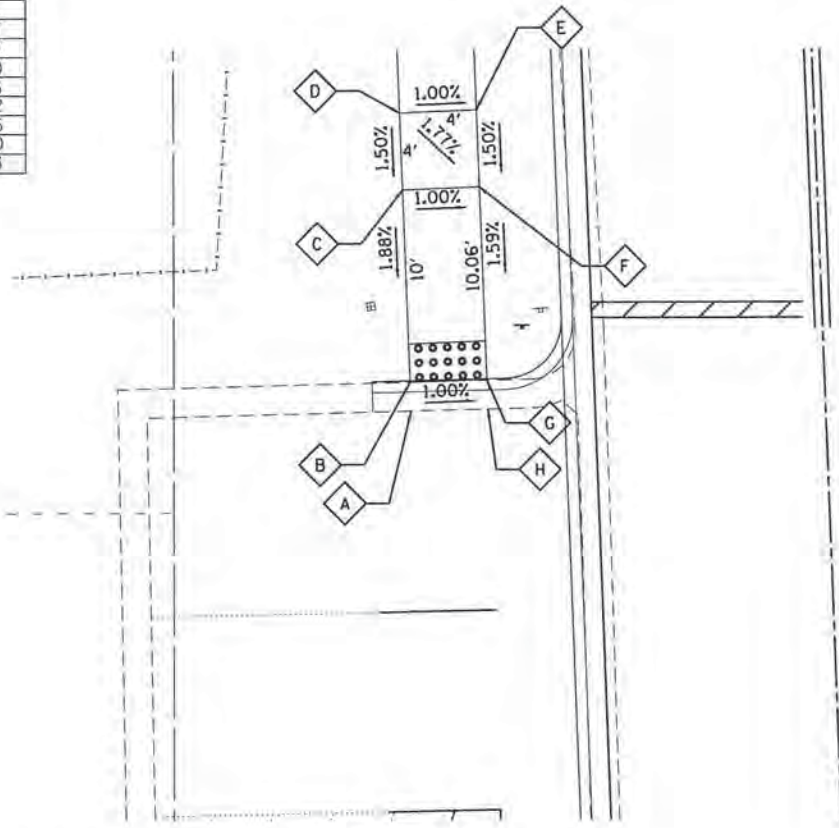
**INTERSECTION DETAILS  
 BECK ROAD AT LAKE SHORE DRIVE**

SCALE: 1"=10'    SHEET 1 OF 2 SHEETS    STA.    TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
160	14-00030-00-RS	LAKE	213	137
CONTRACT NO. 61C68				
ILLINOIS FED. AID PROJECT				

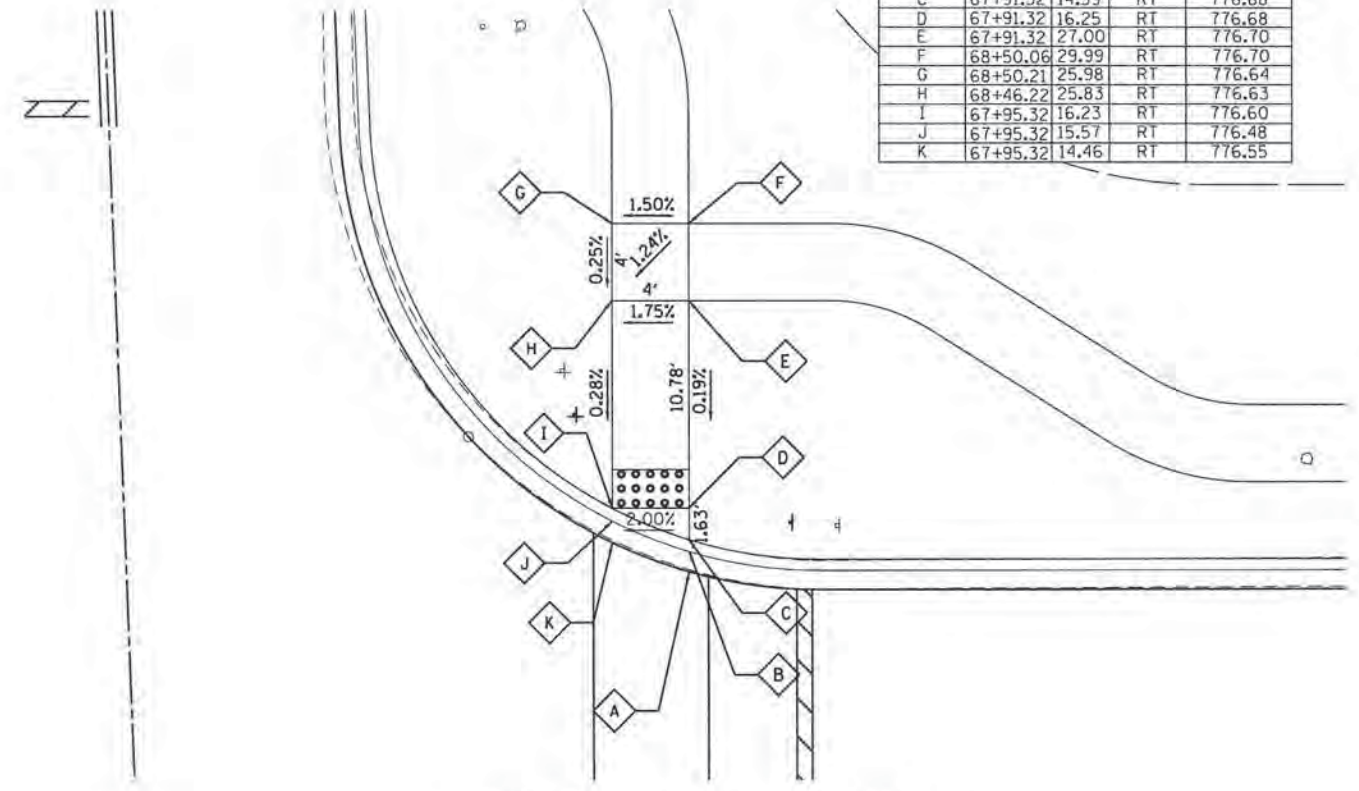


LOCATION	STA.	OFF.	RT/LT	ELEV.
A	68+52.74	21.58	LT	776.77
B	68+54.24	21.58	LT	776.84
C	68+64.24	21.58	LT	777.00
D	68+68.24	21.58	LT	777.06
E	68+68.24	17.58	LT	777.02
F	68+64.24	17.58	LT	776.96
G	68+54.18	17.58	LT	776.80
H	68+52.68	17.58	LT	776.73



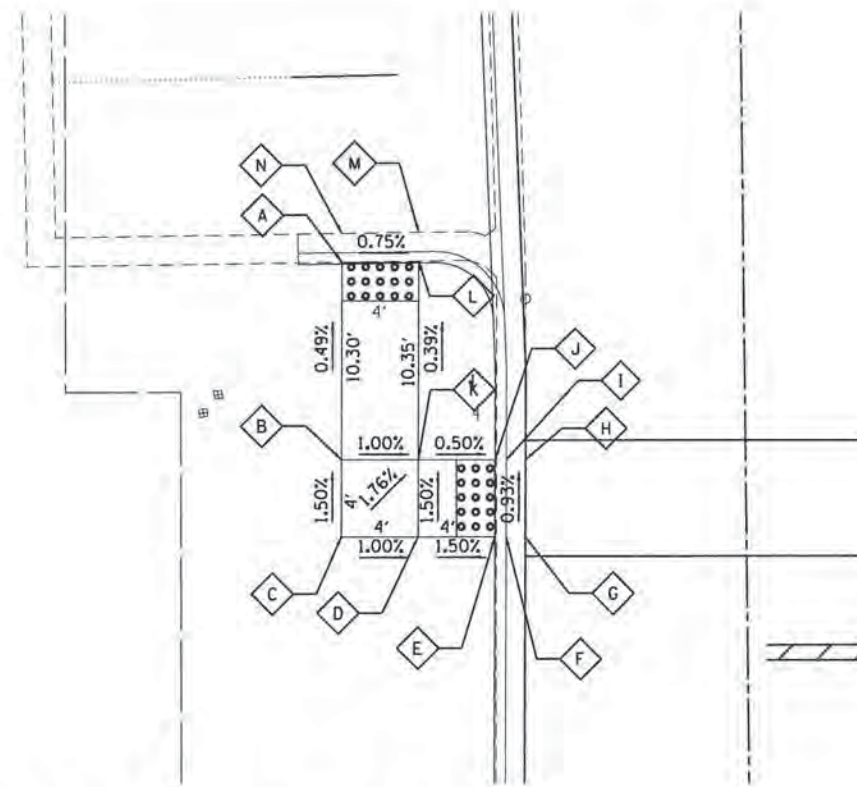
NWC OF BECK ROAD AND LAKESHORE DR

LOCATION	STA.	OFF.	RT/LT	ELEV.
A	67+91.32	12.94	RT	776.63
B	67+91.32	13.99	RT	776.56
C	67+91.32	14.59	RT	776.68
D	67+91.32	16.25	RT	776.68
E	67+91.32	27.00	RT	776.70
F	68+50.06	29.99	RT	776.70
G	68+50.21	25.98	RT	776.64
H	68+46.22	25.83	RT	776.63
I	67+95.32	16.23	RT	776.60
J	67+95.32	15.57	RT	776.48
K	67+95.32	14.46	RT	776.55



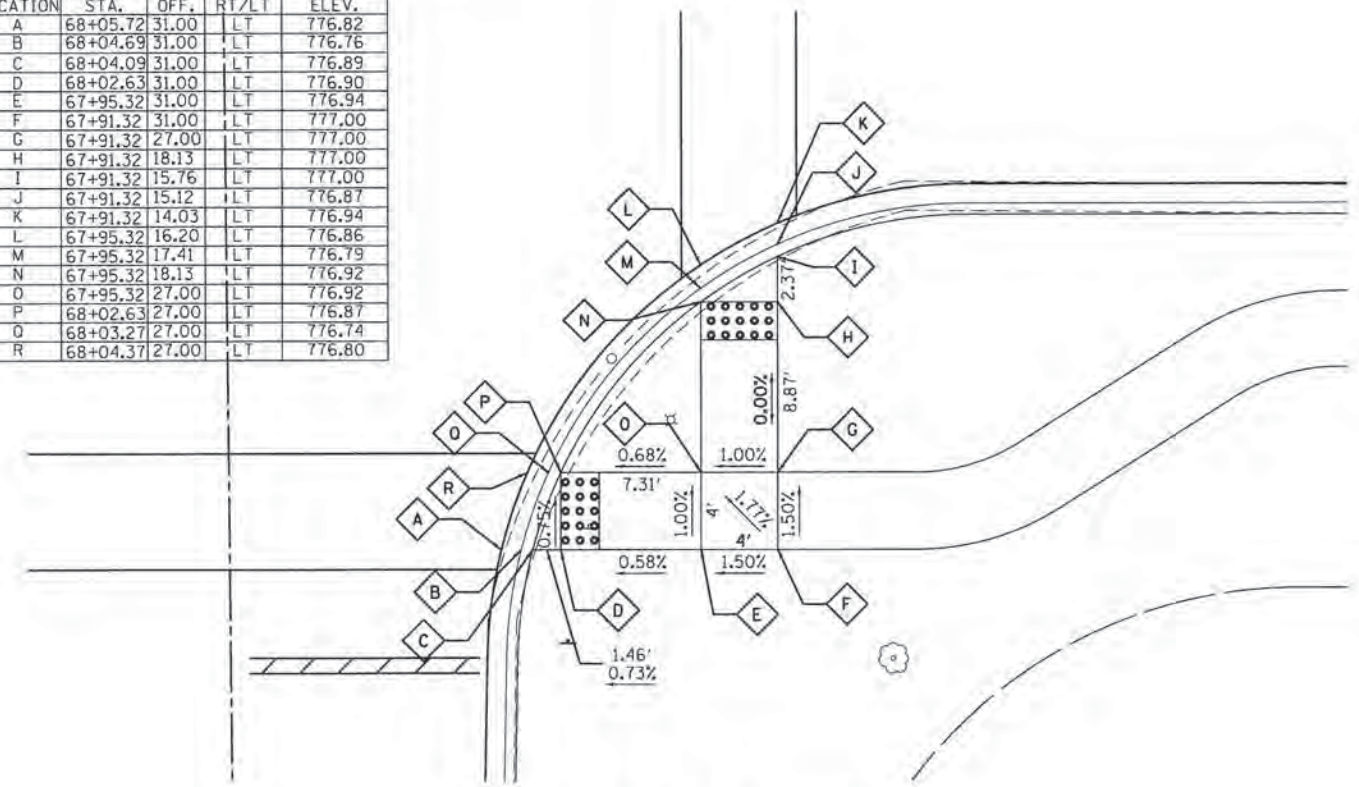
NEC OF BECK ROAD AND LAKESHORE DR

LOCATION	STA.	OFF.	RT/LT	ELEV.
A	68+20.16	26.62	LT	776.49
B	68+20.16	34.07	LT	776.54
C	68+20.16	37.33	LT	776.60
D	68+20.16	35.26	LT	776.56
E	68+20.16	33.54	LT	776.51
F	68+20.16	33.32	LT	776.47
G	68+20.16	32.97	LT	776.52
H	68+20.16	29.23	LT	776.49
I	68+20.16	29.63	LT	776.44
J	68+20.16	29.87	LT	776.48
K	68+20.16	31.79	LT	776.50
L	68+20.16	23.61	LT	776.46
M	68+20.16	22.57	LT	776.39
N	68+20.16	25.70	LT	776.42



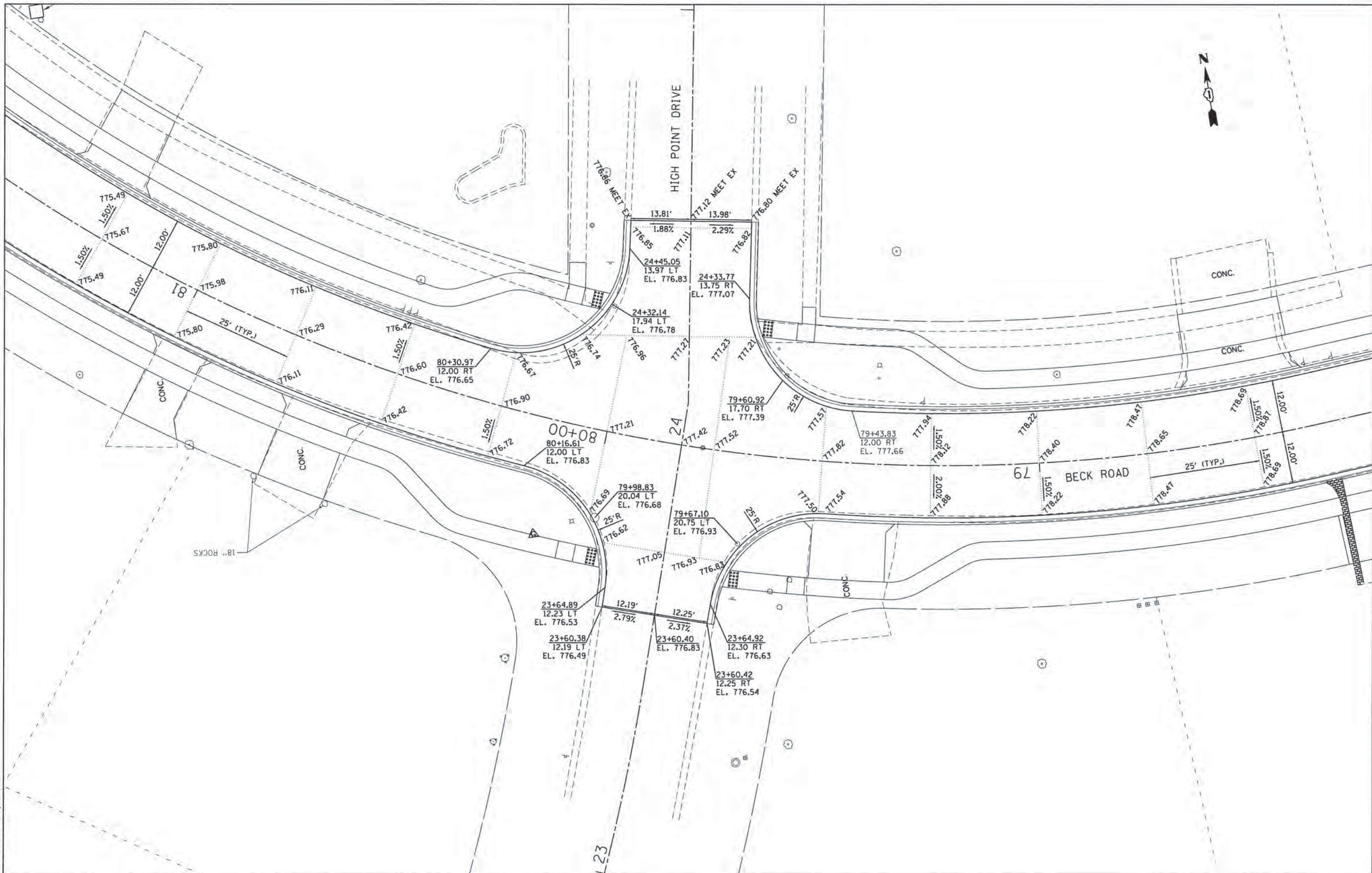
SWC OF BECK ROAD AND LAKESHORE DR

LOCATION	STA.	OFF.	RT/LT	ELEV.
A	68+05.72	31.00	LT	776.82
B	68+04.69	31.00	LT	776.76
C	68+04.09	31.00	LT	776.89
D	68+02.63	31.00	LT	776.90
E	67+95.32	31.00	LT	776.94
F	67+91.32	31.00	LT	777.00
G	67+91.32	27.00	LT	777.00
H	67+91.32	18.13	LT	777.00
I	67+91.32	15.76	LT	777.00
J	67+91.32	15.12	LT	776.87
K	67+91.32	14.03	LT	776.94
L	67+95.32	16.20	LT	776.86
M	67+95.32	17.41	LT	776.79
N	67+95.32	18.13	LT	776.92
O	67+95.32	27.00	LT	776.92
P	68+02.63	27.00	LT	776.87
Q	68+03.27	27.00	LT	776.74
R	68+04.37	27.00	LT	776.80



SEC OF BECK ROAD AND LAKESHORE DR





**GHA** GEVAULT HAMILTON  
 ASSOCIATES, INC.

FILE NAME = 4477-INTERSEC.Beck\_HighPoint.dgn  
 GHA\* 4477.025  
 Default

USER NAME = mcoleman  
 PLOT SCALE = 1/8"=1'-0"  
 PLOT DATE = 1/25/2016

DESIGNED - MAC  
 DRAWN - ZCW  
 CHECKED - KLB  
 DATE -

REVISED -  
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**STATE OF ILLINOIS**  
**DEPARTMENT OF TRANSPORTATION**

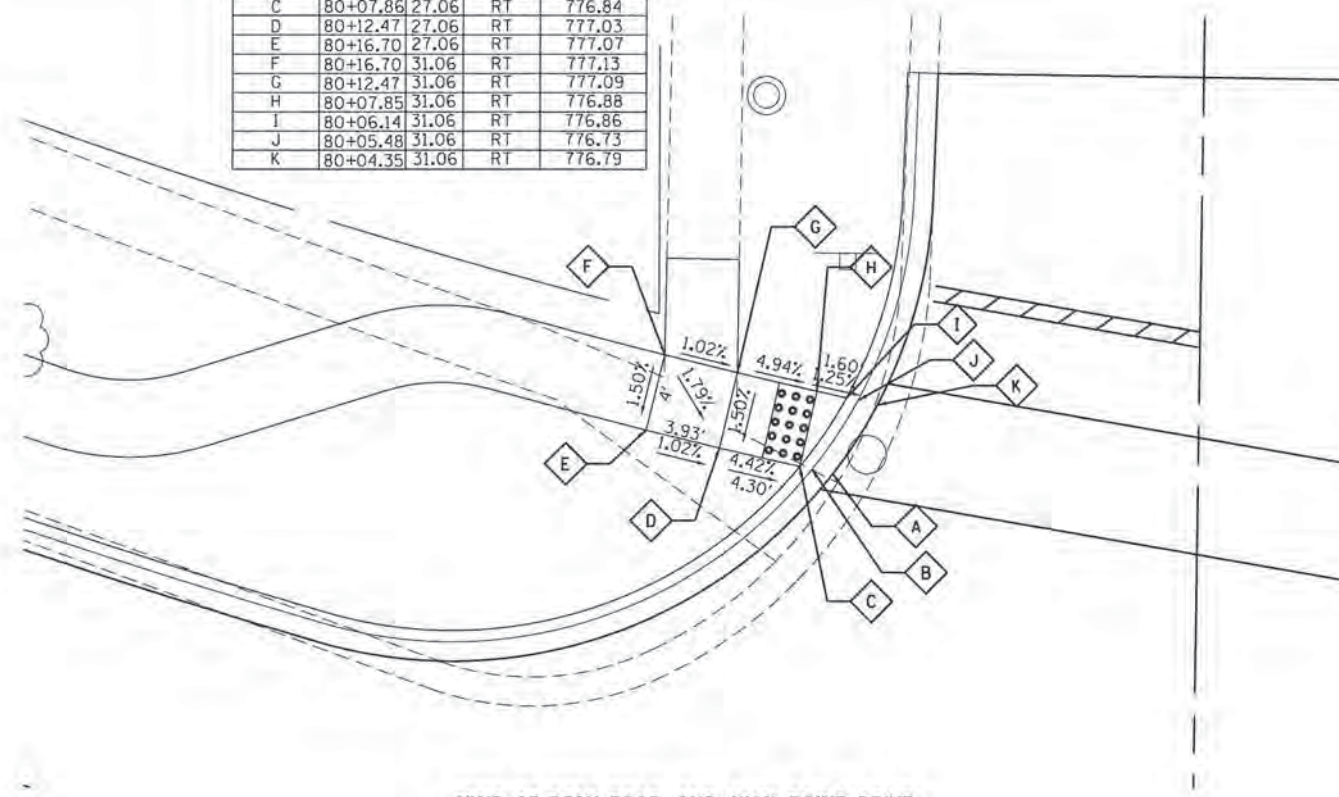
**INTERSECTION DETAILS**  
**BECK ROAD AT HIGH POINT DRIVE**

SCALE: 1"=10'  
 SHEET 1 OF 2 SHEETS STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
160	14-00030-00-R5	LAKE	213	139
CONTRACT NO. 61C68				
ILLINOIS FED. AID PROJECT				

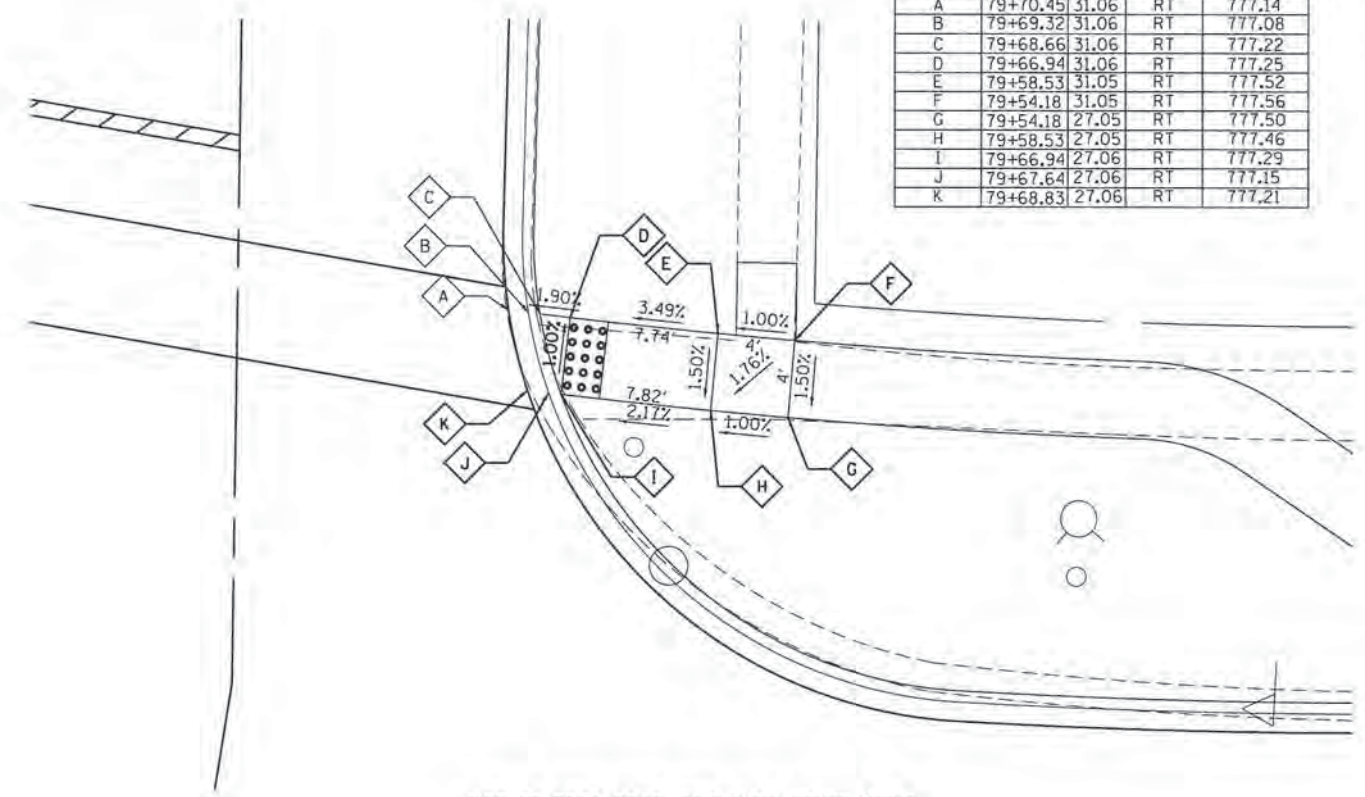


LOCATION	STA.	OFF.	RT/LT	ELEV.
A	80+05.96	27.06	RT	776.77
B	80+07.15	27.06	RT	776.71
C	80+07.86	27.06	RT	776.84
D	80+12.47	27.06	RT	777.03
E	80+16.70	27.06	RT	777.07
F	80+12.47	31.06	RT	777.13
G	80+12.47	31.06	RT	777.09
H	80+07.85	31.06	RT	776.88
I	80+06.14	31.06	RT	776.86
J	80+05.48	31.06	RT	776.73
K	80+04.35	31.06	RT	776.79



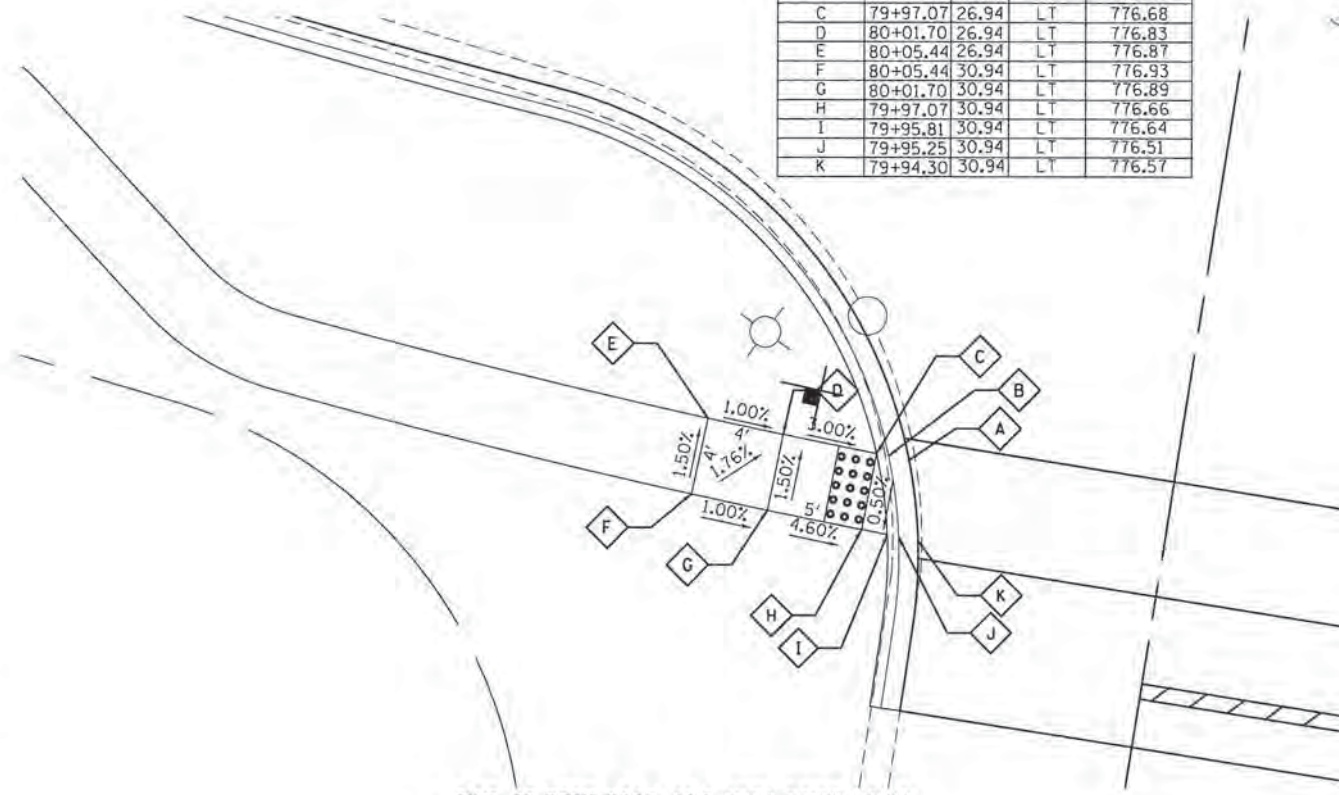
NWC OF BECK ROAD AND HIGH POINT DRIVE

LOCATION	STA.	OFF.	RT/LT	ELEV.
A	79+70.45	31.06	RT	777.14
B	79+69.32	31.06	RT	777.08
C	79+68.66	31.06	RT	777.22
D	79+66.94	31.06	RT	777.25
E	79+58.53	31.05	RT	777.52
F	79+54.18	31.05	RT	777.56
G	79+54.18	27.05	RT	777.50
H	79+58.53	27.05	RT	777.46
I	79+66.94	27.06	RT	777.29
J	79+67.64	27.06	RT	777.15
K	79+68.83	27.06	RT	777.21



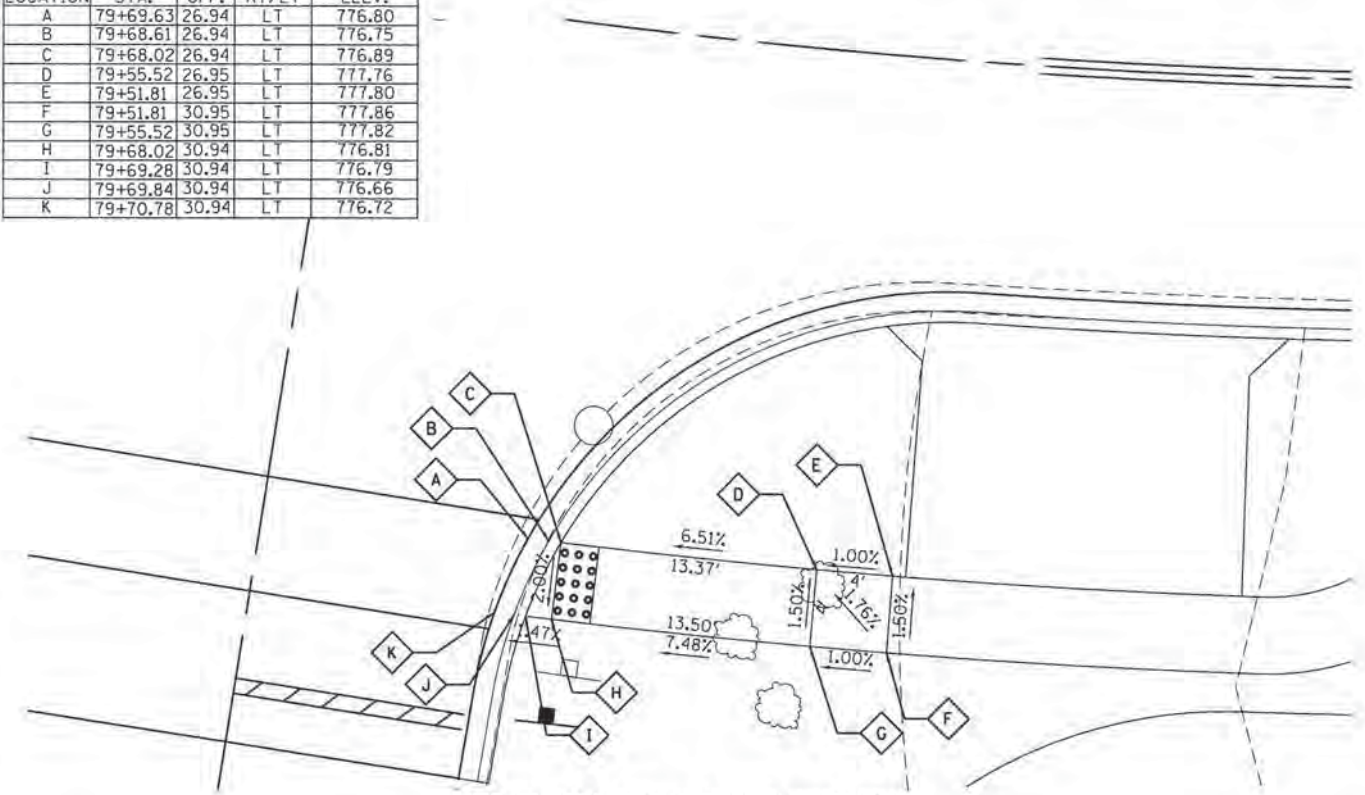
NEC OF BECK ROAD AND HIGH POINT DRIVE

LOCATION	STA.	OFF.	RT/LT	ELEV.
A	79+95.46	26.94	LT	776.60
B	79+96.47	26.94	LT	776.55
C	79+97.07	26.94	LT	776.68
D	80+01.70	26.94	LT	776.83
E	80+05.44	26.94	LT	776.87
F	80+05.44	30.94	LT	776.93
G	80+01.70	30.94	LT	776.89
H	79+97.07	30.94	LT	776.66
I	79+95.81	30.94	LT	776.64
J	79+95.25	30.94	LT	776.51
K	79+94.30	30.94	LT	776.57



SWC OF BECK ROAD AND HIGH POINT DRIVE

LOCATION	STA.	OFF.	RT/LT	ELEV.
A	79+69.63	26.94	LT	776.80
B	79+68.61	26.94	LT	776.75
C	79+68.02	26.94	LT	776.89
D	79+55.52	26.95	LT	777.76
E	79+51.81	26.95	LT	777.80
F	79+51.81	30.95	LT	777.86
G	79+55.52	30.95	LT	777.82
H	79+68.02	30.94	LT	776.81
I	79+69.28	30.94	LT	776.79
J	79+69.84	30.94	LT	776.66
K	79+70.78	30.94	LT	776.72



SEC OF BECK ROAD AND HIGH POINT DRIVE

GHA GEWALT HAMILTON ASSOCIATES, INC.

FILE NAME = 4477-DETAILS-Beck\_HighPointLdgn  
GHA\* 4477.025  
Defaults

USER NAME = mcolemm  
PLOT SCALE = 1/8"  
PLOT DATE = 1/25/2016

DESIGNED - MAC  
DRAWN - ZCW  
CHECKED - KLB  
DATE -

REVISED -  
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REVISED -

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

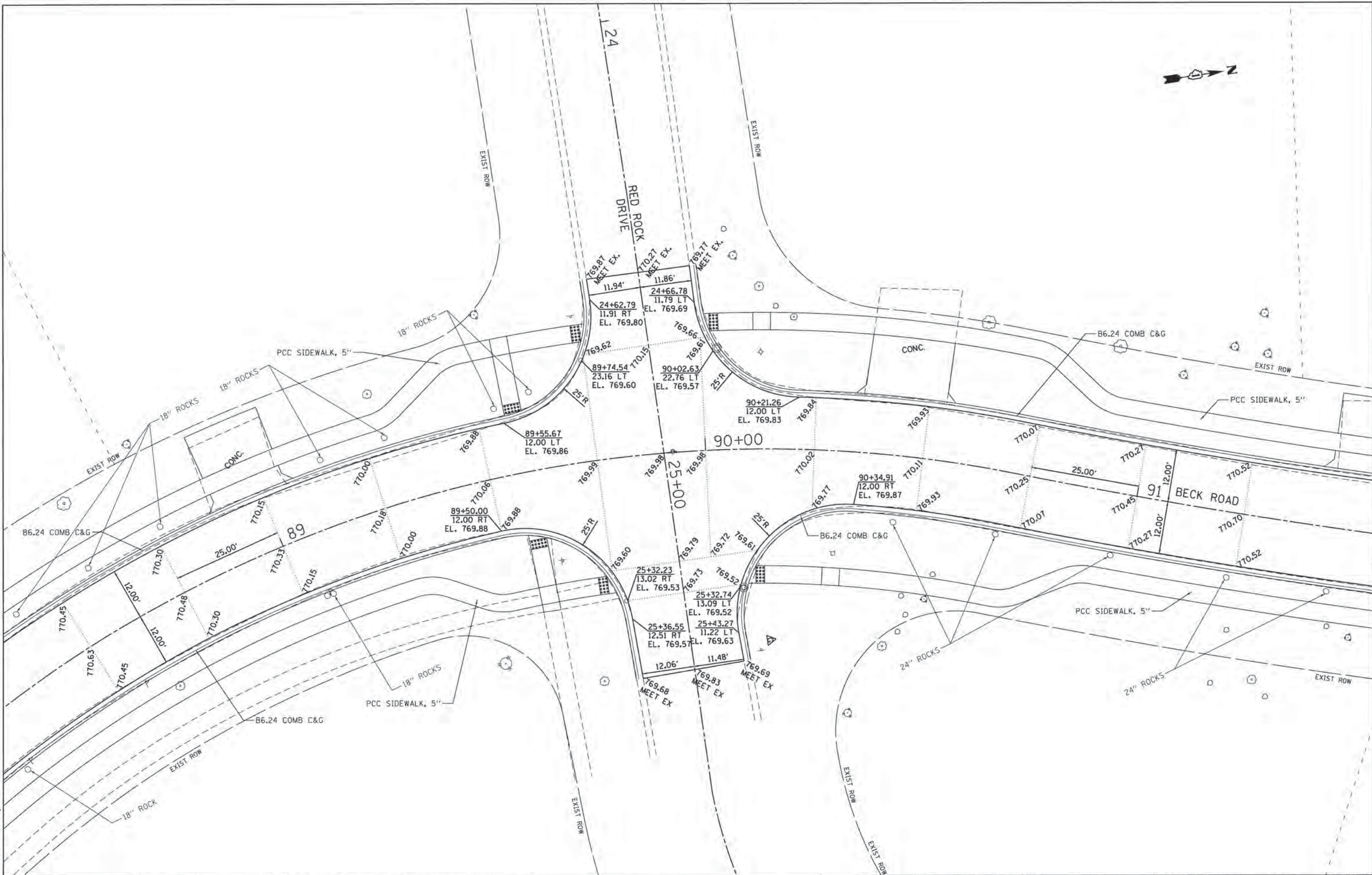
ADA DETAILS  
BECK ROAD AT HIGH POINT DRIVE

SCALE: 1"=5'

SHEET 2 OF 2 SHEETS STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
160	14-00030-00-RS	LAKE	213	140
CONTRACT NO. 61C68				
ILLINOIS FED. AID PROJECT				





**GHA** GEWALT HAMILTON ASSOCIATES, INC.

FILE NAME = 4477-INTERSEC\_Beck\_RdRock1.dgn  
 USER NAME = mcoleman  
 DHA# 4477.025  
 Default

DESIGNED - MAC  
 DRAWN - ZCW  
 CHECKED - KLB  
 DATE -

REVISIONS:  
 REVISION NO. | DATE | DESCRIPTION  
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 2 | | |  
 3 | | |

**STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION**

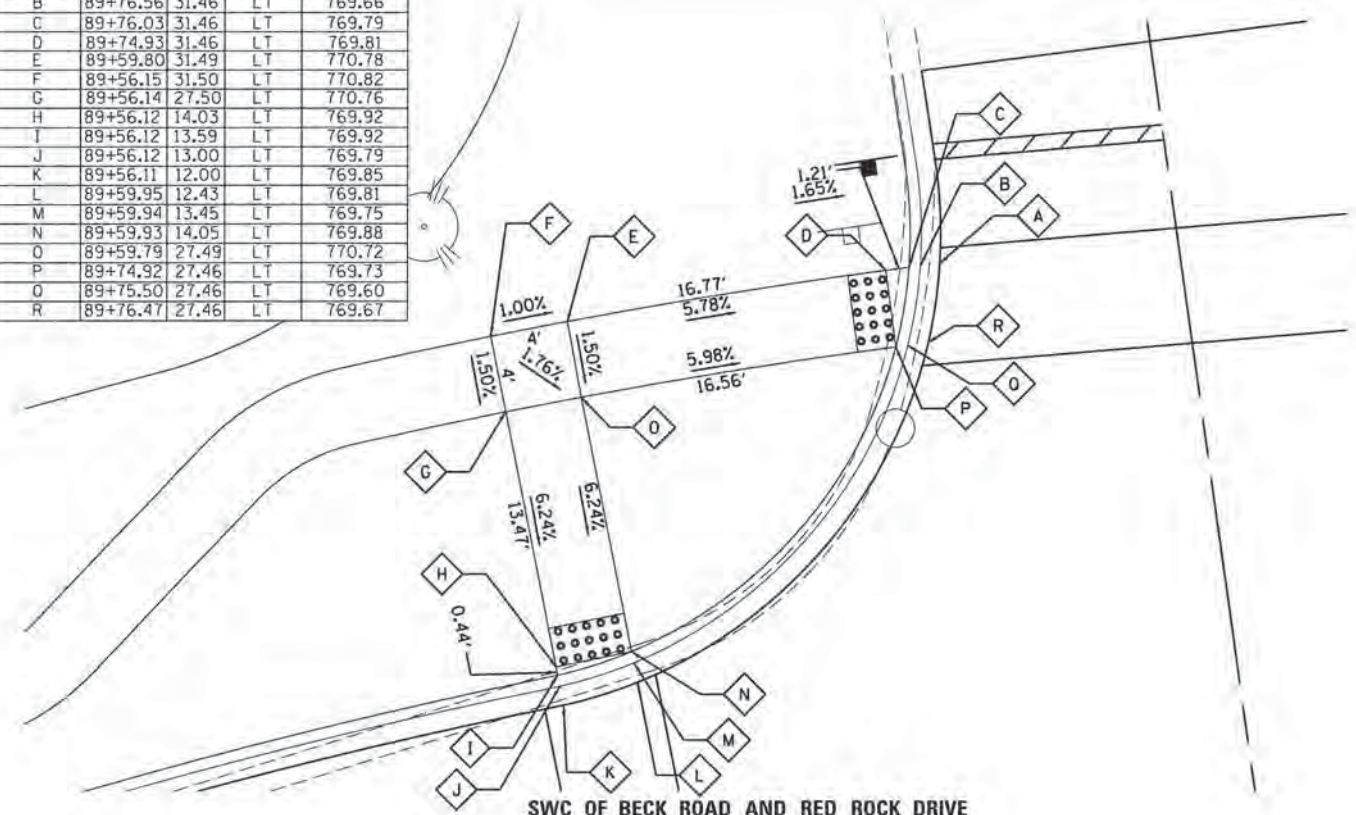
**INTERSECTION DETAILS  
 BECK ROAD AT RED ROCK DRIVE**

SCALE: 1"=10'    SHEET 1 OF 2 SHEETS    STA.    TO STA.

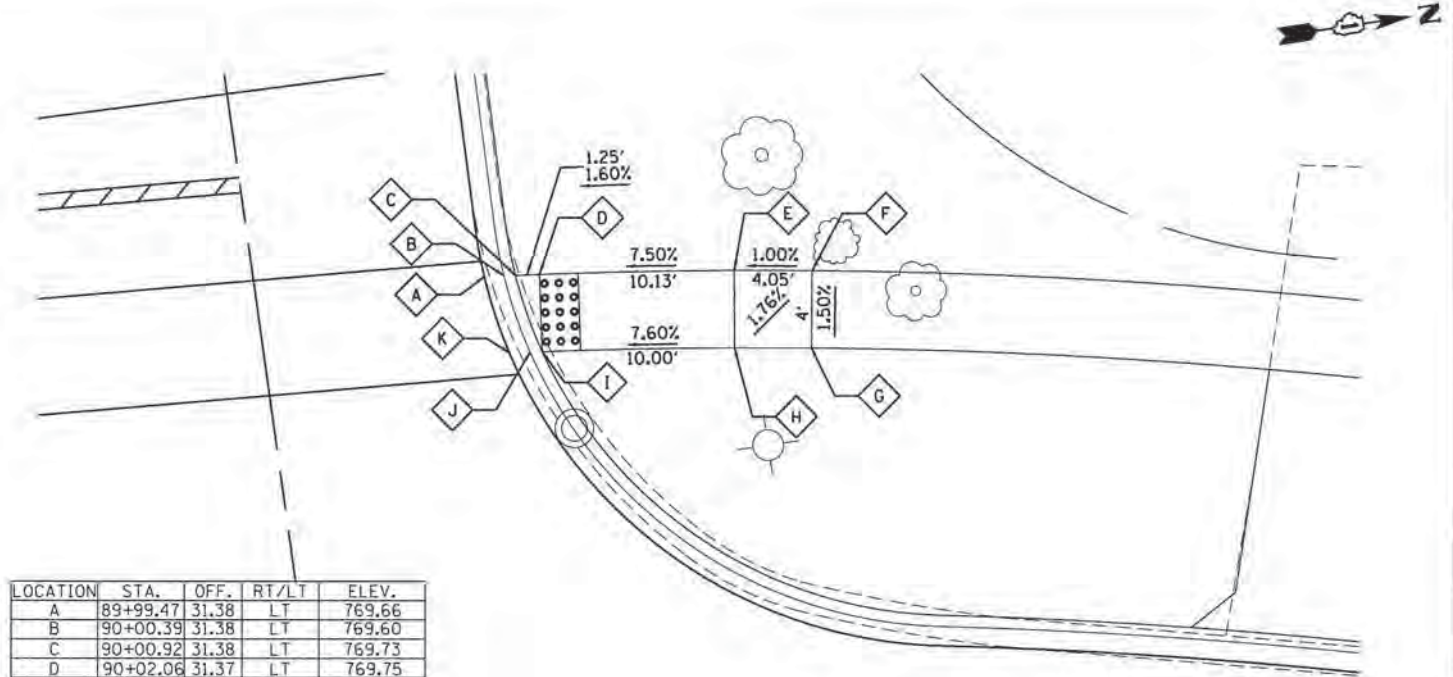
F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
160	14-00030-00-RS	LAKE	213	141
CONTRACT NO. 61C68				
[ILLINOIS] FED. AID PROJECT				



LOCATION	STA.	OFF.	RT/LT	ELEV.
A	89+77.48	31.45	LT	769.72
B	89+76.56	31.46	LT	769.66
C	89+76.03	31.46	LT	769.79
D	89+74.93	31.46	LT	769.81
E	89+59.80	31.49	LT	770.78
F	89+56.15	31.50	LT	770.82
G	89+56.14	27.50	LT	770.76
H	89+56.12	14.03	LT	769.92
I	89+56.12	13.59	LT	769.92
J	89+56.12	13.00	LT	769.79
K	89+56.11	12.00	LT	769.85
L	89+59.95	12.43	LT	769.81
M	89+59.94	13.45	LT	769.75
N	89+59.93	14.05	LT	769.88
O	89+59.79	27.49	LT	770.72
P	89+74.92	27.46	LT	769.73
Q	89+75.50	27.46	LT	769.60
R	89+76.47	27.46	LT	769.67



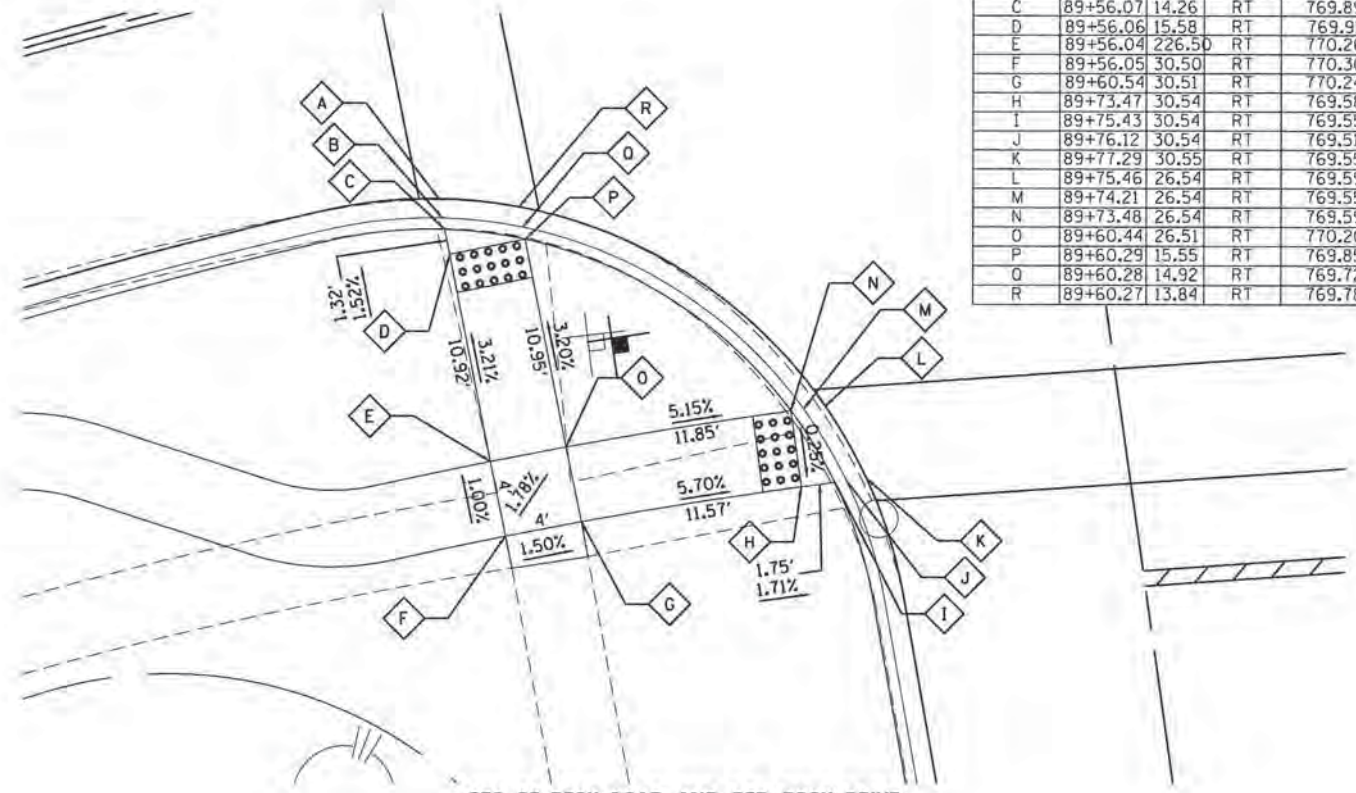
SWC OF BECK ROAD AND RED ROCK DRIVE



LOCATION	STA.	OFF.	RT/LT	ELEV.
A	89+99.47	31.38	LT	769.66
B	90+00.39	31.38	LT	769.60
C	90+00.92	31.38	LT	769.73
D	90+02.06	31.37	LT	769.75
E	90+11.20	31.34	LT	770.51
F	90+14.85	31.32	LT	770.55
G	90+14.84	27.32	LT	770.49
H	90+11.18	27.34	LT	770.45
I	90+02.04	27.37	LT	769.69
J	90+01.47	27.38	LT	769.56
K	90+00.49	27.38	LT	769.62

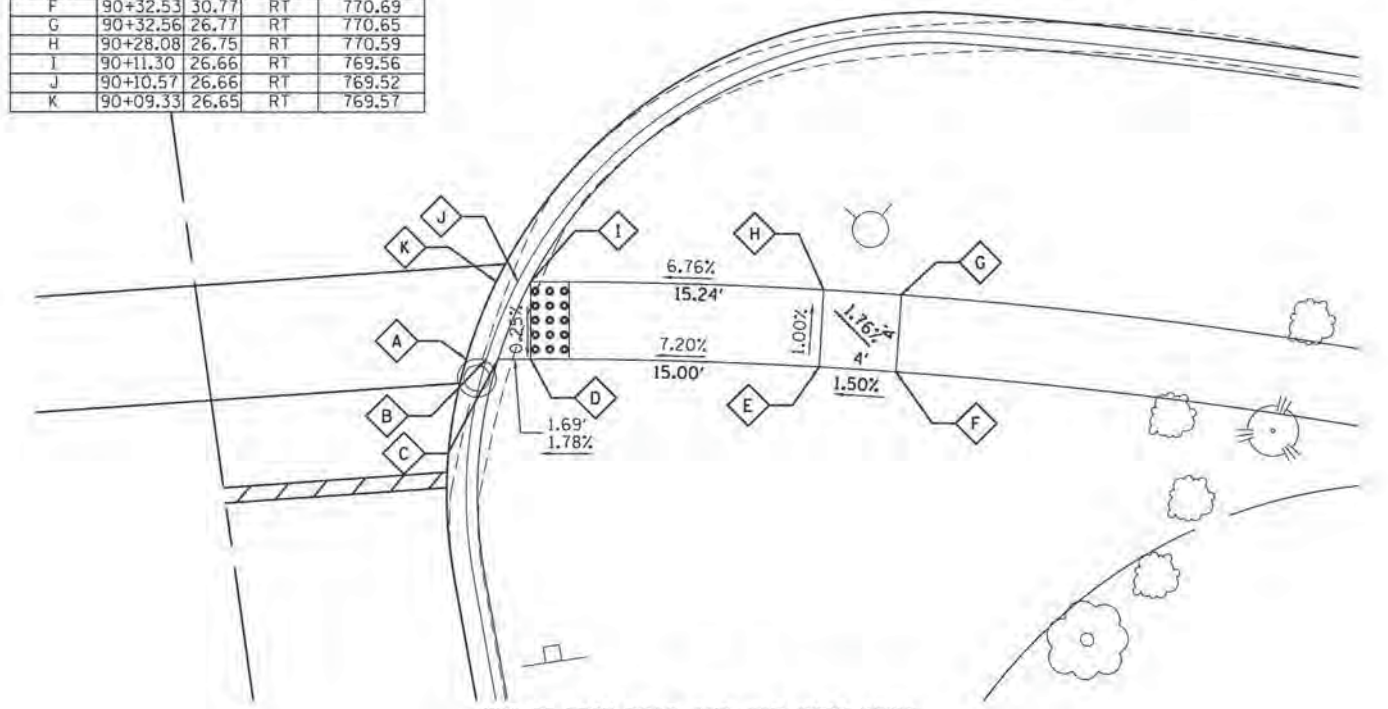
NWC OF BECK ROAD AND RED ROCK DRIVE

LOCATION	STA.	OFF.	RT/LT	ELEV.
A	89+56.07	12.63	RT	769.82
B	89+56.07	13.66	RT	769.76
C	89+56.07	14.26	RT	769.89
D	89+56.06	15.58	RT	769.91
E	89+56.04	226.50	RT	770.26
F	89+56.05	30.50	RT	770.30
G	89+60.54	30.51	RT	770.24
H	89+73.47	30.54	RT	769.58
I	89+75.43	30.54	RT	769.55
J	89+76.12	30.54	RT	769.51
K	89+77.29	30.55	RT	769.55
L	89+75.46	26.54	RT	769.59
M	89+74.21	26.54	RT	769.55
N	89+73.48	26.54	RT	769.59
O	89+60.44	26.51	RT	770.20
P	89+60.29	15.55	RT	769.85
Q	89+60.28	14.92	RT	769.72
R	89+60.27	13.84	RT	769.78



SEC OF BECK ROAD AND RED ROCK DRIVE

LOCATION	STA.	OFF.	RT/LT	ELEV.
A	90+07.53	30.64	RT	769.53
B	90+08.70	30.65	RT	769.48
C	90+09.38	30.65	RT	769.52
D	90+11.27	30.66	RT	769.55
E	90+29.05	30.75	RT	770.63
F	90+32.53	30.77	RT	770.69
G	90+32.56	26.77	RT	770.65
H	90+28.08	26.75	RT	770.59
I	90+11.30	26.66	RT	769.56
J	90+10.57	26.66	RT	769.52
K	90+09.33	26.65	RT	769.57



NEC OF BECK ROAD AND RED ROCK DRIVE

**GHA** GEVAULT HAMILTON ASSOCIATES, INC.

FILE NAME = 4477-DETAILS.Beck\_RedRock1.dgn  
 DHP# 4477.025  
 Default

USER NAME = moaleman  
 PLOT SCALE = 1/8  
 PLOT DATE = 1/25/2016

DESIGNED - MAC  
 DRAWN - ZCW  
 CHECKED - KLB  
 DATE -

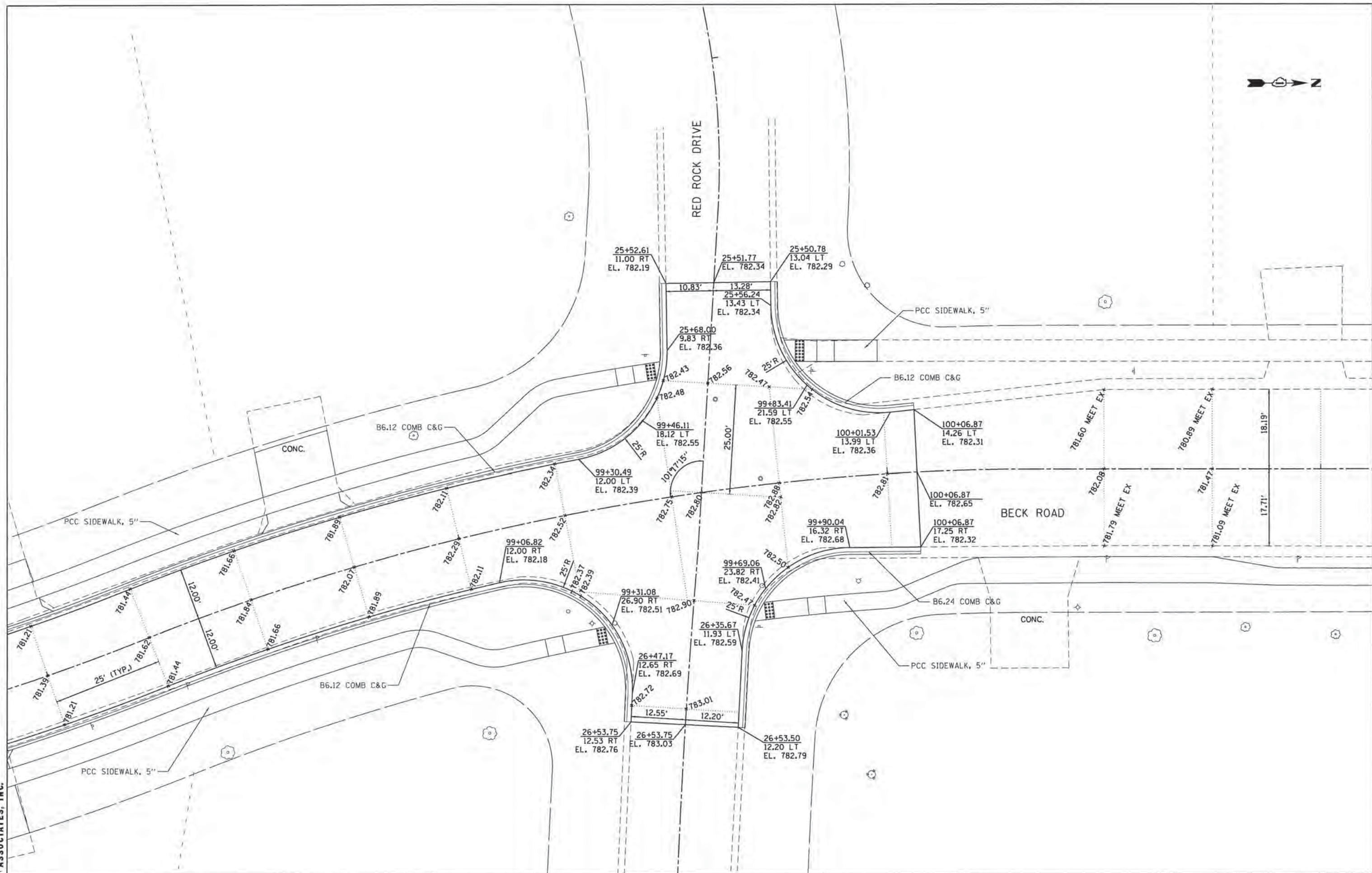
REVISED -  
 REVISED -  
 REVISED -  
 REVISED -

STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION

ADA DETAILS  
 BECK ROAD AT RED ROCK DRIVE  
 SCALE: 1"=5'  
 SHEET 2 OF 2 SHEETS STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
160	14-00030-00-RS	LAKE	213	142
CONTRACT NO. 61C68				
ILLINOIS FED. AID PROJECT				





**GHA** GEWALT HAMILTON ASSOCIATES, INC.

FILE NAME = 4477-INTERSEC.Back.RedRock2.dgn  
 USER = mcaleman  
 DHA = 4477.025  
 Default

USER NAME = mcaleman  
 PLOT SCALE = 1/10  
 PLOT DATE = 1/29/2016

DESIGNED - MAC  
 DRAWN - ZCW  
 CHECKED - KLB  
 DATE -

REVISED -  
 REVISED -  
 REVISED -  
 REVISED -

**STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION**

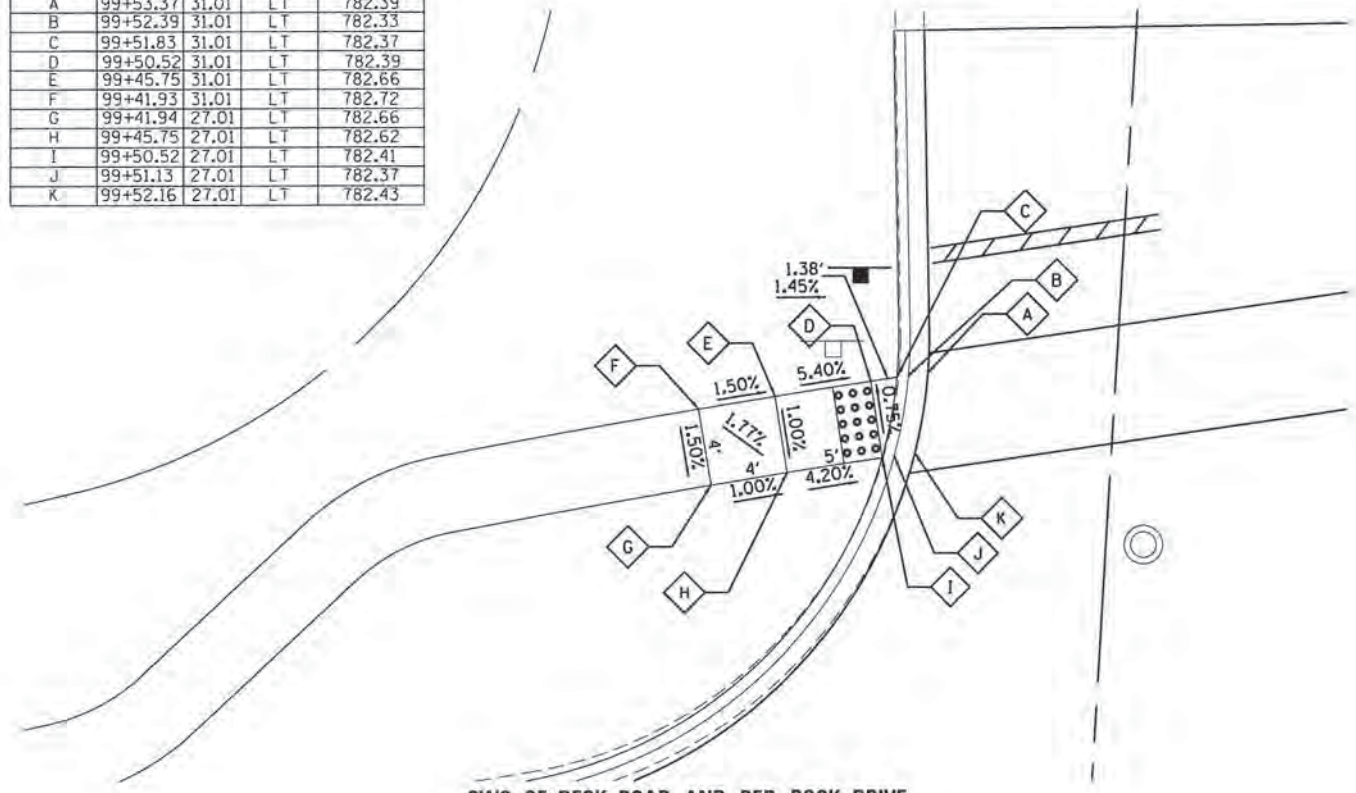
**INTERSECTION DETAILS  
 BECK ROAD AT RED ROCK DRIVE**

SCALE: 1"=10'    SHEET 1 OF 2 SHEETS    STA.    TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
160	14-00030-00-RS	LAKE	213	143
CONTRACT NO. 61C68				
[ILLINOIS] FED. AID PROJECT				

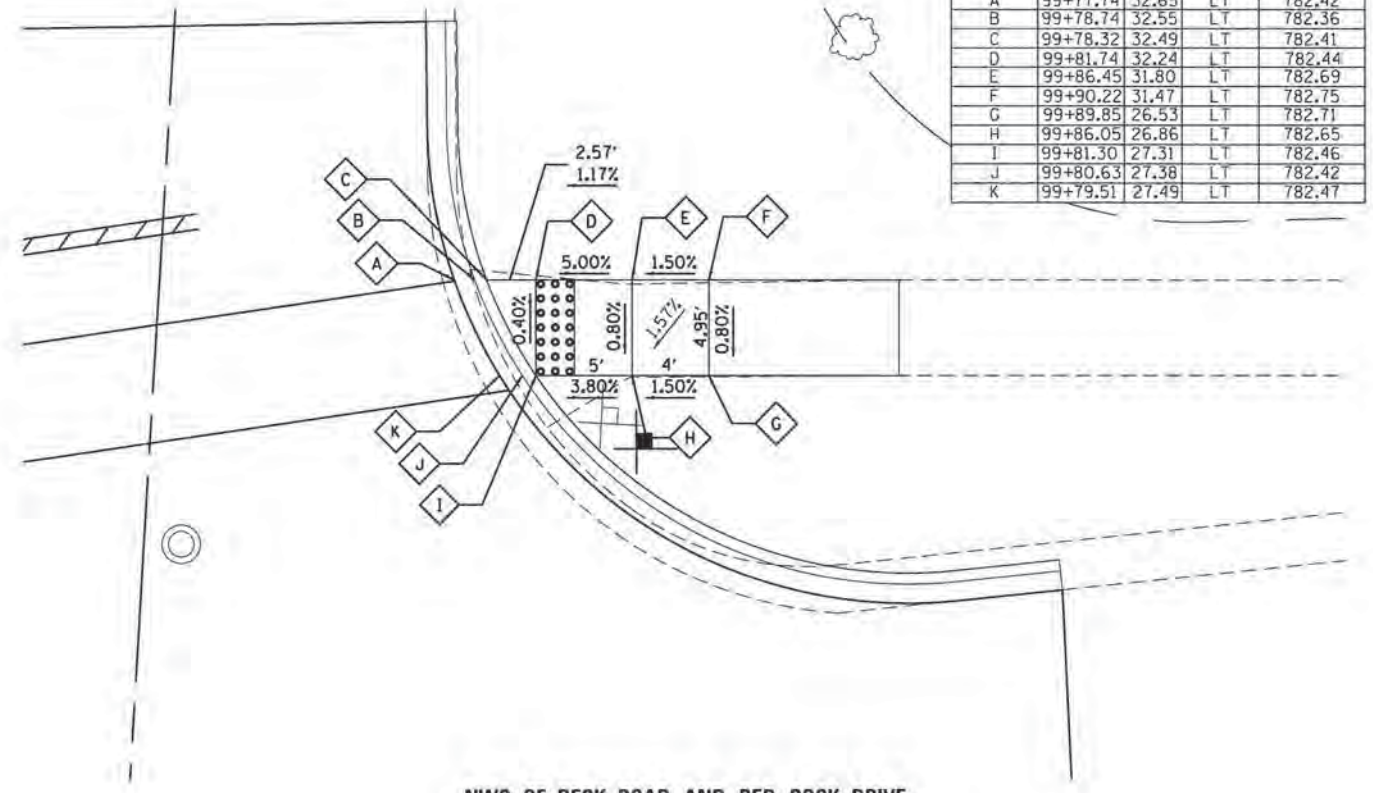


LOCATION	STA.	OFF.	RT/LT	ELEV.
A	99+53.37	31.01	LT	782.39
B	99+52.39	31.01	LT	782.33
C	99+51.83	31.01	LT	782.37
D	99+50.52	31.01	LT	782.39
E	99+45.75	31.01	LT	782.66
F	99+41.93	31.01	LT	782.72
G	99+41.94	27.01	LT	782.66
H	99+45.75	27.01	LT	782.62
I	99+50.52	27.01	LT	782.41
J	99+51.13	27.01	LT	782.37
K	99+52.16	27.01	LT	782.43



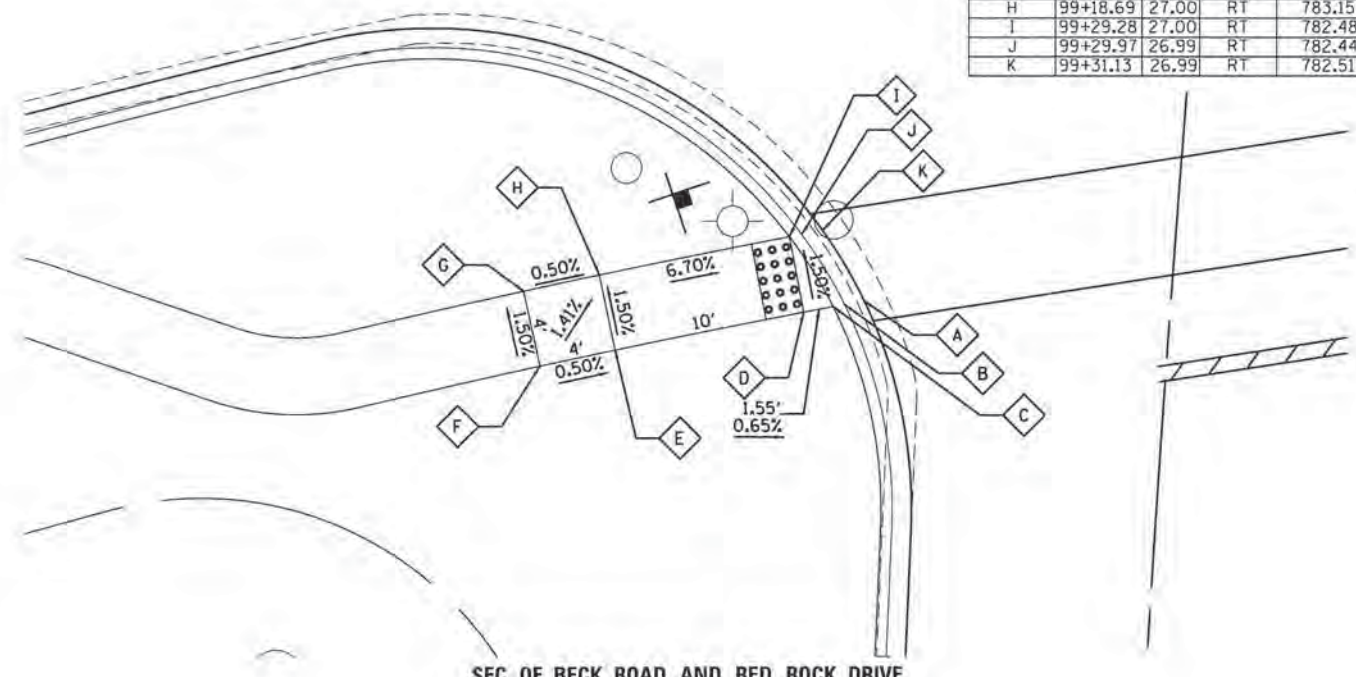
SWC OF BECK ROAD AND RED ROCK DRIVE

LOCATION	STA.	OFF.	RT/LT	ELEV.
A	99+77.74	32.65	LT	782.42
B	99+78.74	32.55	LT	782.36
C	99+78.32	32.49	LT	782.41
D	99+81.74	32.24	LT	782.44
E	99+86.45	31.80	LT	782.69
F	99+90.22	31.47	LT	782.75
G	99+89.85	26.53	LT	782.71
H	99+86.05	26.86	LT	782.65
I	99+81.30	27.31	LT	782.46
J	99+80.63	27.38	LT	782.42
K	99+79.51	27.49	LT	782.47



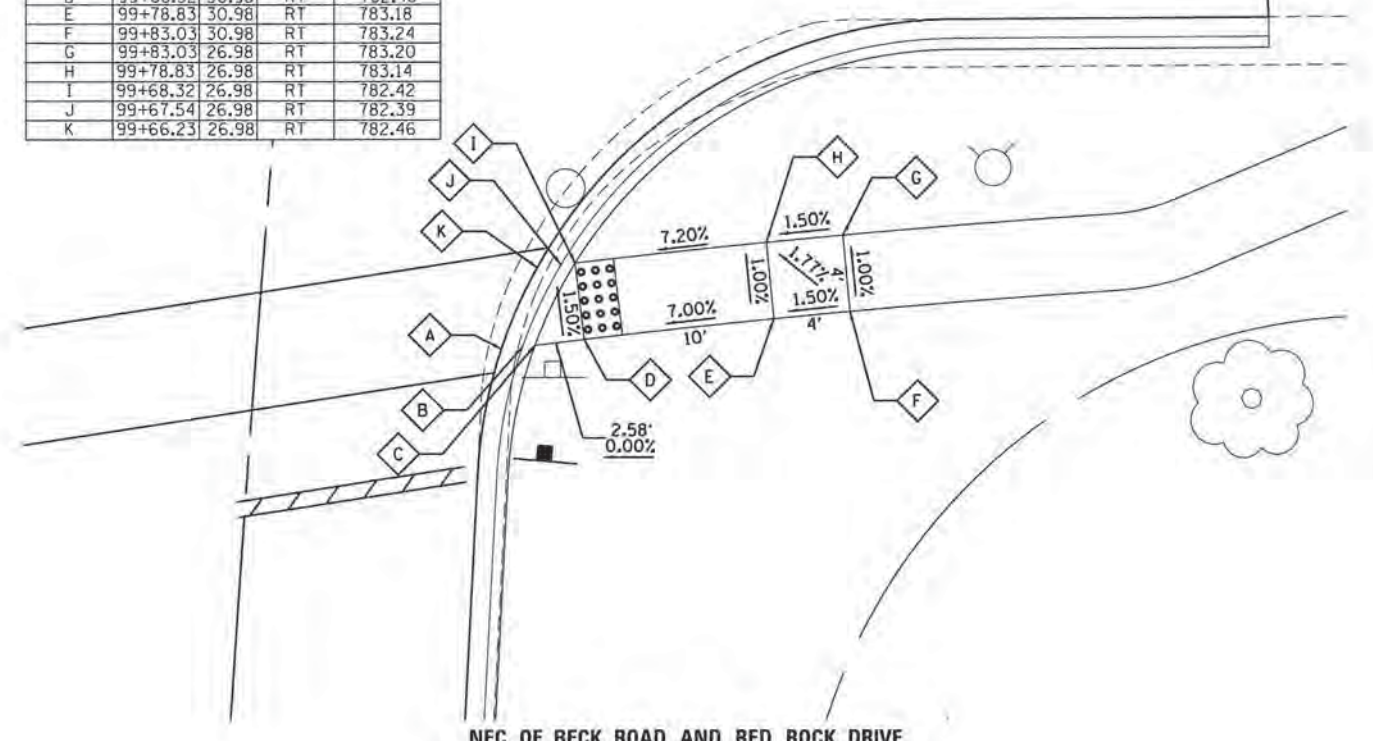
NWC OF BECK ROAD AND RED ROCK DRIVE

LOCATION	STA.	OFF.	RT/LT	ELEV.
A	99+32.67	30.99	RT	782.56
B	99+31.57	30.99	RT	782.49
C	99+30.93	30.99	RT	782.53
D	99+29.29	31.00	RT	782.54
E	99+18.70	31.00	RT	783.21
F	99+14.46	31.00	RT	783.23
G	99+14.46	27.00	RT	783.17
H	99+18.69	27.00	RT	783.15
I	99+29.28	27.00	RT	782.48
J	99+29.97	26.99	RT	782.44
K	99+31.13	26.99	RT	782.51



SEC OF BECK ROAD AND RED ROCK DRIVE

LOCATION	STA.	OFF.	RT/LT	ELEV.
A	99+63.72	30.98	RT	782.51
B	99+64.90	30.98	RT	782.44
C	99+65.59	30.98	RT	782.48
D	99+68.32	30.98	RT	782.48
E	99+78.83	30.98	RT	783.18
F	99+83.03	30.98	RT	783.24
G	99+83.03	26.98	RT	783.20
H	99+78.83	26.98	RT	783.14
I	99+68.32	26.98	RT	782.42
J	99+67.54	26.98	RT	782.39
K	99+66.23	26.98	RT	782.46



NEC OF BECK ROAD AND RED ROCK DRIVE

GHA GEWALT HAMILTON ASSOCIATES, INC.

FILE NAME = 4477-DETAILS\_Beck\_RedRock2.dgn  
GHA# 4477.025  
Default

USER NAME = mooleman  
PLOT SCALE = 1:5  
PLOT DATE = 1/25/2016

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DRAWN - ZCW  
CHECKED - KLB  
DATE -

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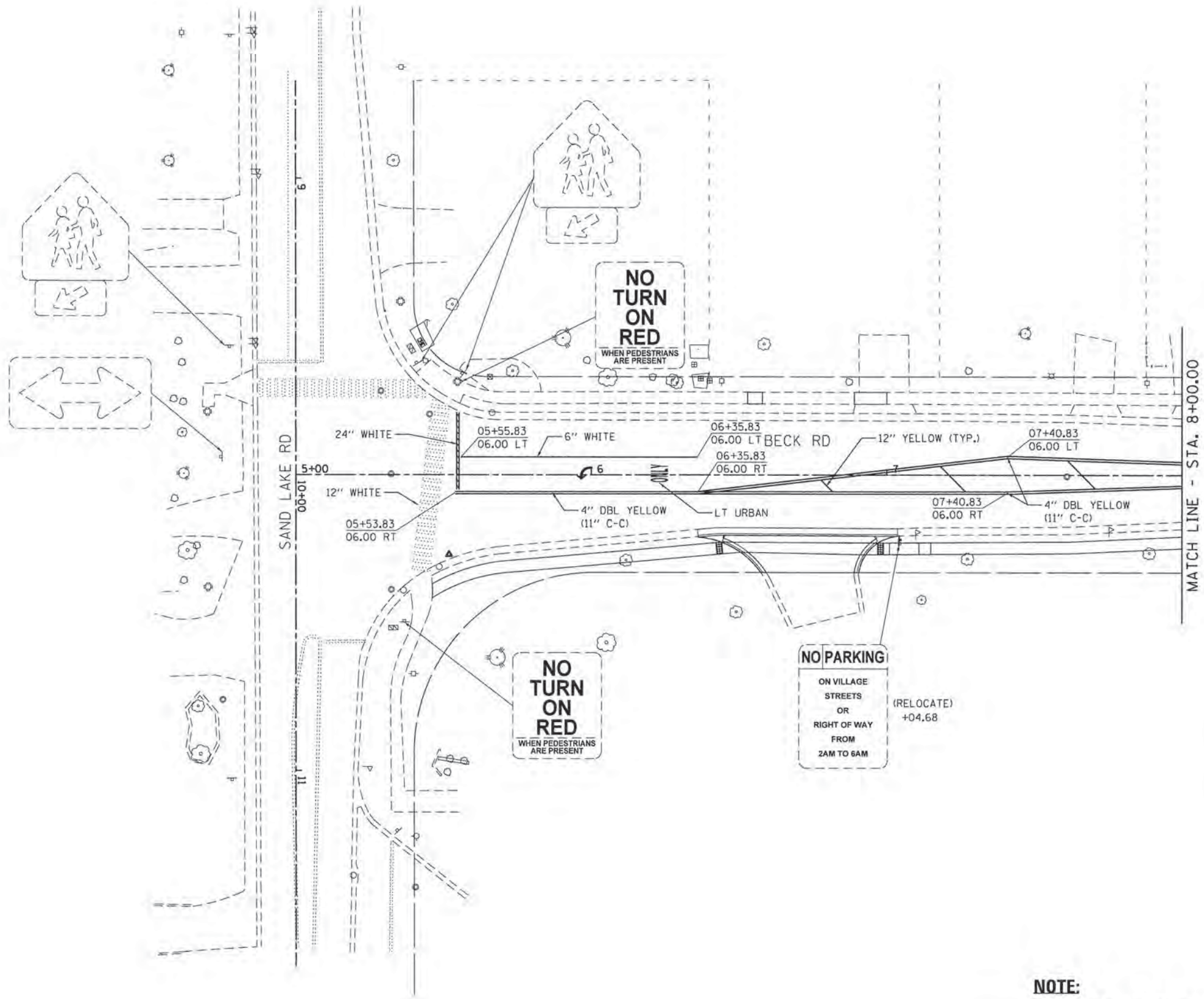
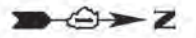
STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

ADA DETAILS  
BECK ROAD AT RED ROCK DRIVE  
SCALE: 1"=5'  
SHEET 2 OF 2 SHEETS  
STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
160	14-00030-00-RS	LAKE	213	144

CONTRACT NO. 61C68  
ILLINOIS FED. AID PROJECT





**NOTE:**  
ALL PAVEMENT MARKINGS SHALL BE THERMOPLASTIC PAVEMENT MARKING UNLESS OTHERWISE NOTED.

**GHA** GEWALT HAMILTON ASSOCIATES, INC.

FILE NAME = 4477-pmk01.dgn  
GHA\* 4477.025  
4477-pmk20

USER NAME = mcoleman  
PLOT SCALE = 1:20  
PLOT DATE = 1/25/2016

DESIGNED - MAC  
DRAWN - ZCW  
CHECKED - KLB  
DATE -

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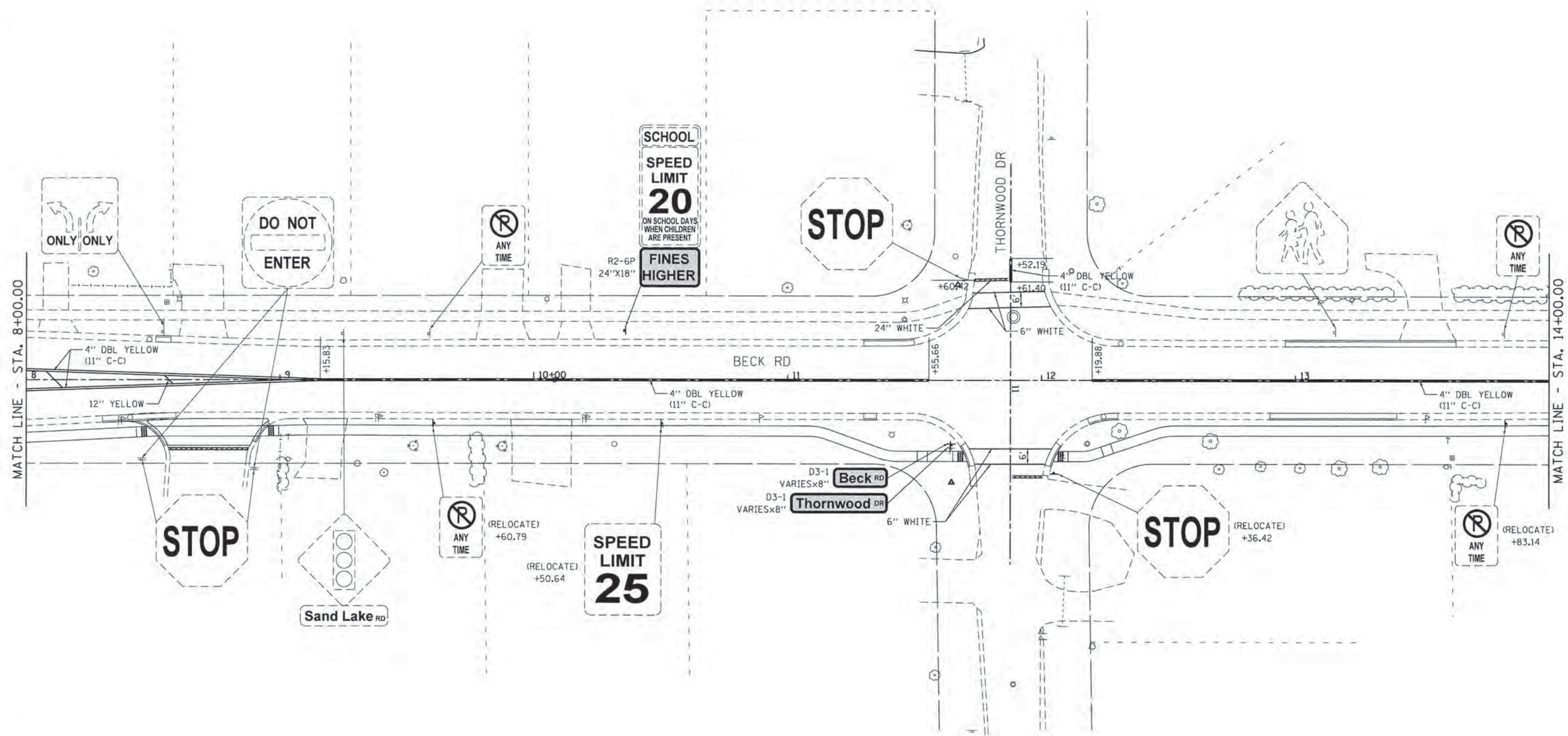
STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

PAVEMENT MARKING & SIGNING PLAN  
BECK ROAD

SCALE: 1"=20' SHEET 1 OF 18 SHEETS STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
160	14-00030-00-RS	LAKE	213	145
CONTRACT NO. 61C68			ILLINOIS FED. AID PROJECT	





**NOTE:**  
 ALL PAVEMENT MARKINGS SHALL BE THERMOPLASTIC PAVEMENT MARKING UNLESS OTHERWISE NOTED.

**GHA** GEWALT HAMILTON ASSOCIATES, INC.

FILE NAME = 4477-pmk02.dgn  
 GHA# 4477.025  
 4477-pmk21

USER NAME = mcoleman  
 PLT SCALE = 1:20  
 PLT DATE = 1/25/2016

DESIGNED - MAC  
 DRAWN - ZCW  
 CHECKED - KLB  
 DATE -

REVISED -  
 REVISED -  
 REVISED -  
 REVISED -

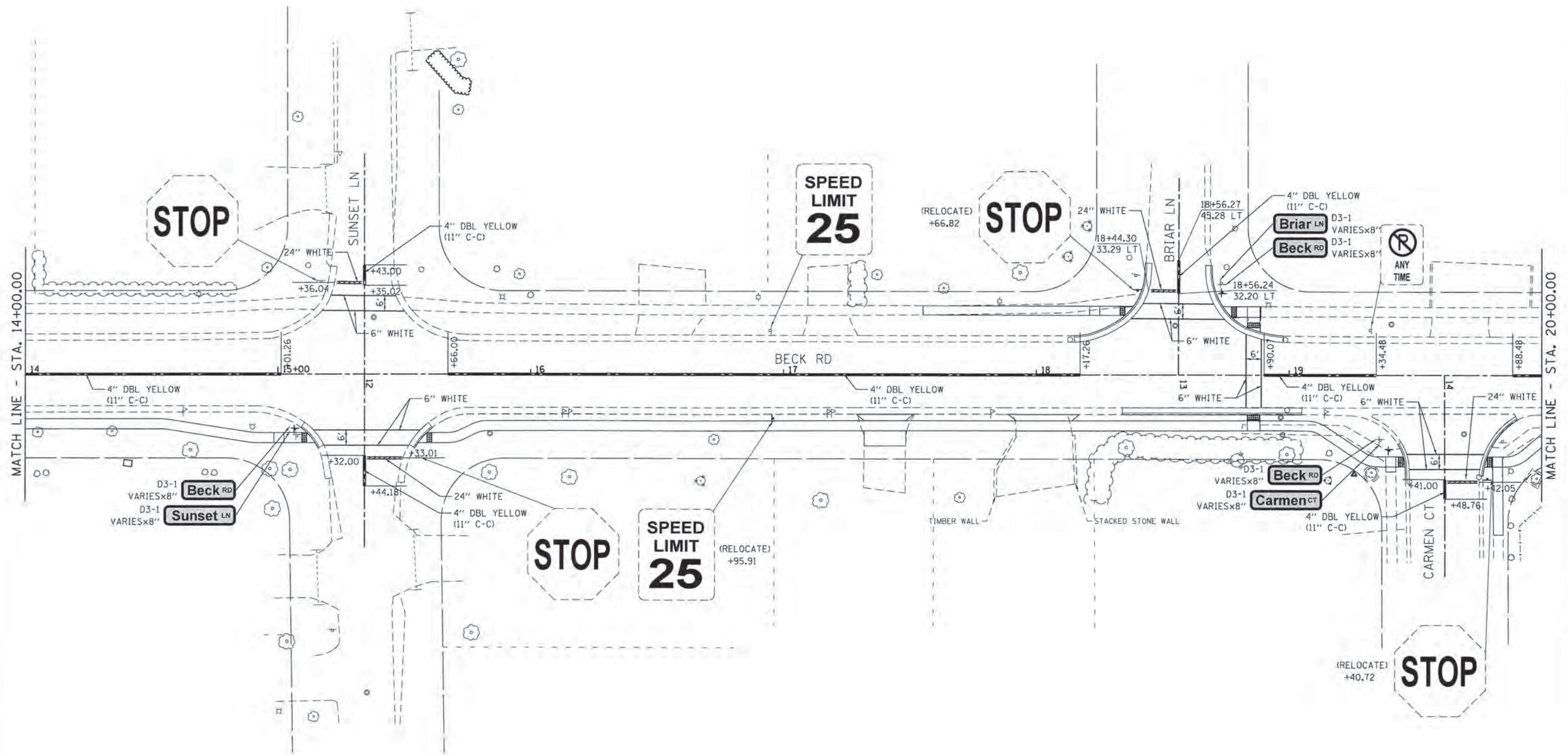
**STATE OF ILLINOIS**  
**DEPARTMENT OF TRANSPORTATION**

**PAVEMENT MARKING & SIGNING PLAN**  
**BECK ROAD**

SCALE: 1"=20'  
 SHEET 2 OF 18 SHEETS STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
160	14-00030-00-RS	LAKE	213	146
CONTRACT NO. 61C68				
ILLINOIS FED. AID PROJECT				





**GHA** GEWALT HAMILTON  
 ASSOCIATES, INC.

FILE NAME : 4477-pmk03.dgn  
 GHA# 4477.025  
 4477-pmk22

USER NAME : mcolman  
 PLOT SCALE = 1:20  
 PLOT DATE = 1/25/2016

DESIGNED - MAC  
 DRAWN - ZCW  
 CHECKED - KLB  
 DATE -

REVISED -  
 REVISED -  
 REVISED -  
 REVISED -

**STATE OF ILLINOIS**  
**DEPARTMENT OF TRANSPORTATION**

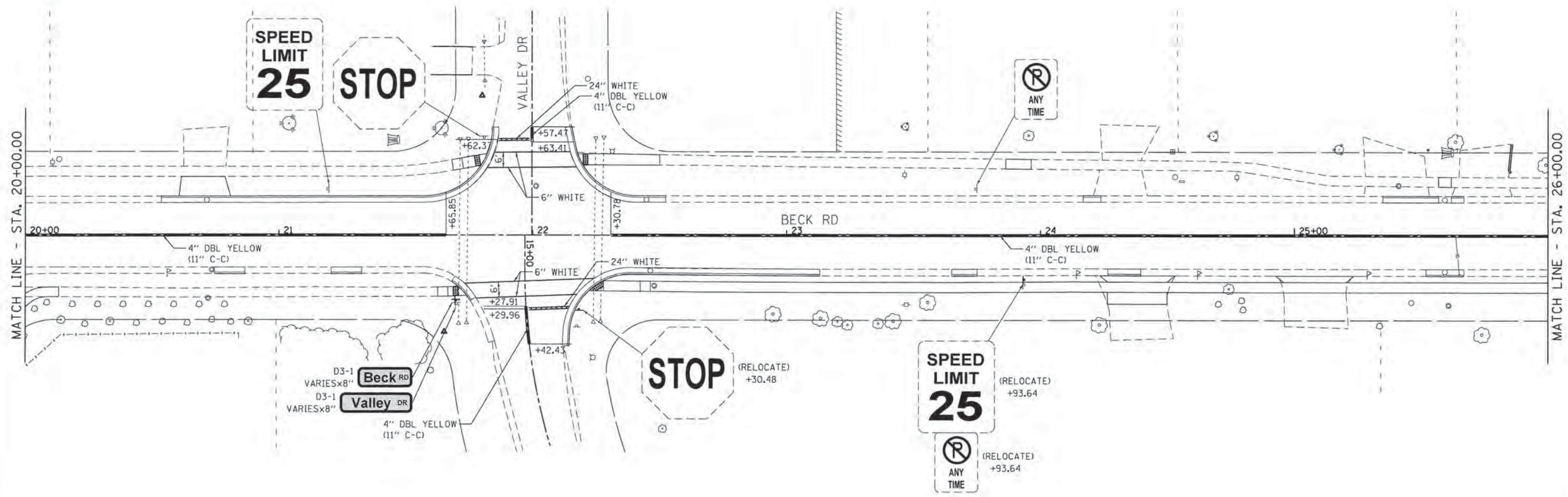
**PAVEMENT MARKING & SIGNING PLAN**  
**BECK ROAD**

SCALE: 1"=20'    SHEET 3 OF 18 SHEETS    STA.    TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
160	14-00030-00-RS	LAKE	213	147
CONTRACT NO. 61C68				
ILLINOIS FED. AID PROJECT				

**NOTE:**  
 ALL PAVEMENT MARKINGS SHALL BE THERMOPLASTIC PAVEMENT MARKING UNLESS OTHERWISE NOTED.





**GHA** GEWALT HAMILTON  
 ASSOCIATES, INC.

FILE NAME = 4477-pmk23.dgn  
 USER = mcolemar

USER NAME = mcolemar  
 PLOT SCALE = 1:20  
 PLOT DATE = 1/25/2016

DESIGNED - MAC  
 DRAWN - ZCW  
 CHECKED - KLB  
 DATE -

REVISED -  
 REVISED -  
 REVISED -  
 REVISED -

**STATE OF ILLINOIS**  
**DEPARTMENT OF TRANSPORTATION**

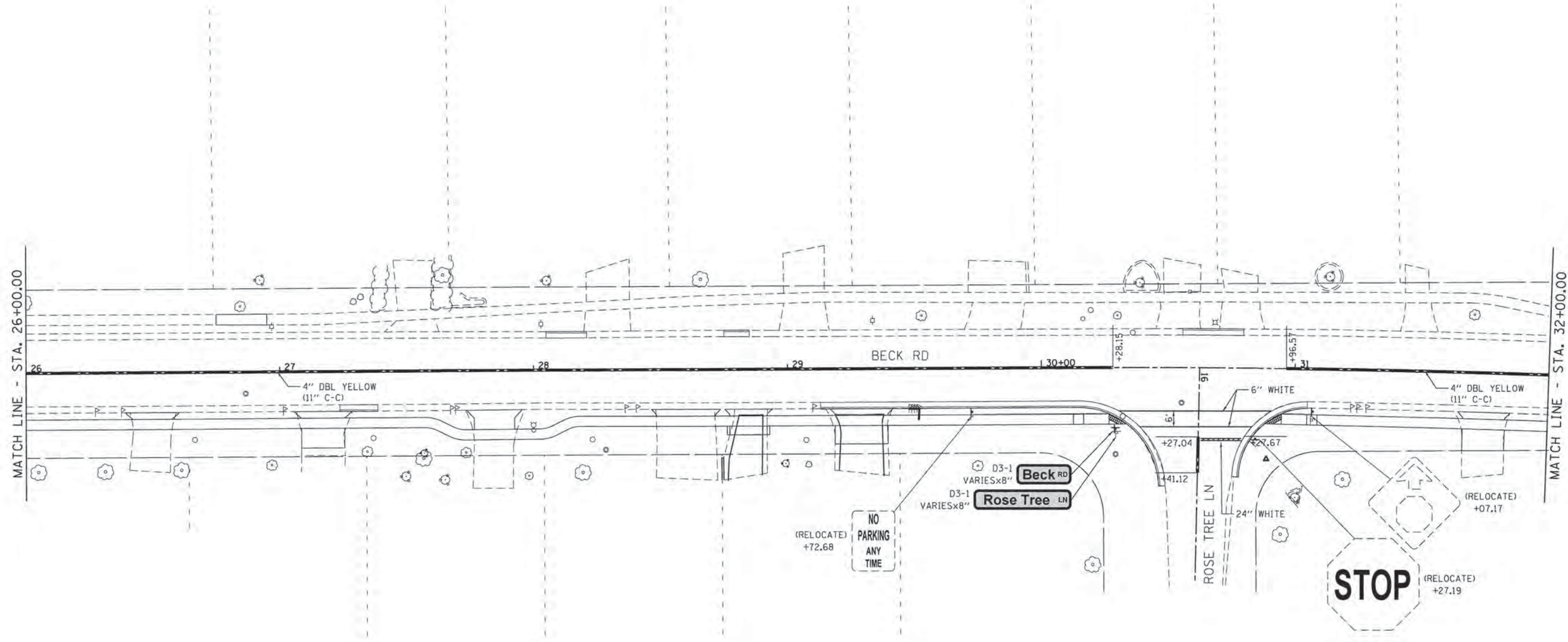
**PAVEMENT MARKING & SIGNING PLAN**  
**BECK ROAD**

SCALE: 1"=20'    SHEET 4 OF 18 SHEETS    STA.    TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
160	14-00030-00-RS	LAKE	213	148
CONTRACT NO. 61C68				
ILLINOIS FED. AID PROJECT				

**NOTE:**  
 ALL PAVEMENT MARKINGS SHALL BE THERMOPLASTIC PAVEMENT MARKING UNLESS OTHERWISE NOTED.





**GHA** GEVAULT HAMILTON  
ASSOCIATES, INC.

FILE NAME =  
4477-pmk05.dgn  
GHA# 4477.025  
4477-pmk24

USER NAME = mcoleman  
PLOT SCALE = 1:20  
PLOT DATE = 1/25/2016

DESIGNED - MAC  
DRAWN - ZCW  
CHECKED - KLB  
DATE -

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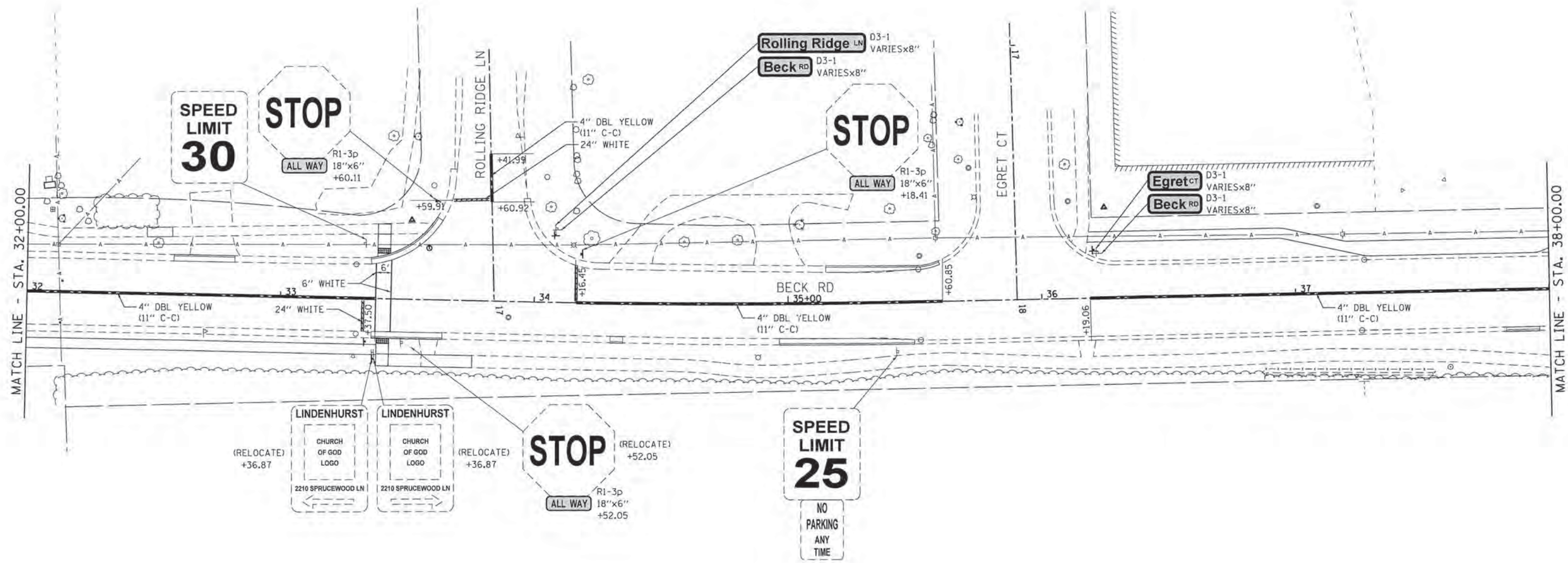
**STATE OF ILLINOIS**  
**DEPARTMENT OF TRANSPORTATION**

**PAVEMENT MARKING & SIGNING PLAN**  
**BECK ROAD**  
SCALE: 1"=20' SHEET 5 OF 18 SHEETS STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
160	14-00030-00-RS	LAKE	213	149
				CONTRACT NO. 61C68
ILLINOIS FED. AID PROJECT				

**NOTE:**  
ALL PAVEMENT MARKINGS SHALL BE THERMOPLASTIC PAVEMENT MARKING UNLESS OTHERWISE NOTED.





**GHA** GEWALT HAMILTON  
 ASSOCIATES, INC.

FILE NAME : 4477-pmk86.dgn  
 GHA# 4477.825  
 4477-pmk25

USER NAME : mcaleman  
 PLOT SCALE : 1:20  
 PLOT DATE : 1/25/2016

DESIGNED - MAC  
 DRAWN - ZCW  
 CHECKED - KLB  
 DATE -

REVISED -  
 REVISED -  
 REVISED -  
 REVISED -

**STATE OF ILLINOIS**  
**DEPARTMENT OF TRANSPORTATION**

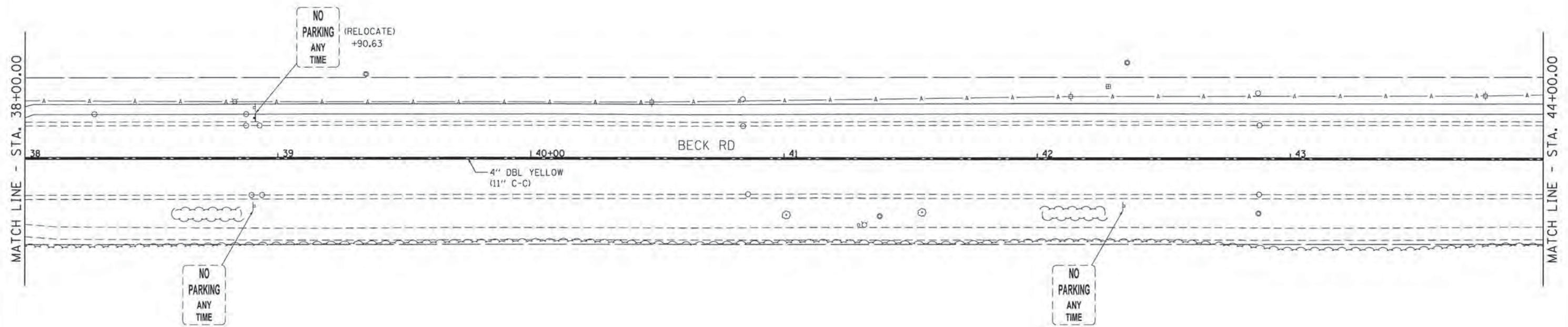
**PAVEMENT MARKING & SIGNING PLAN**  
**BECK ROAD**

SCALE: 1"=20'    SHEET 6 OF 18 SHEETS    STA.    TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
160	14-00030-00-RS	LAKE	213	150
CONTRACT NO. 61C68				
ILLINOIS FED. AID PROJECT				

**NOTE:**  
 ALL PAVEMENT MARKINGS SHALL BE THERMOPLASTIC PAVEMENT MARKING UNLESS OTHERWISE NOTED.





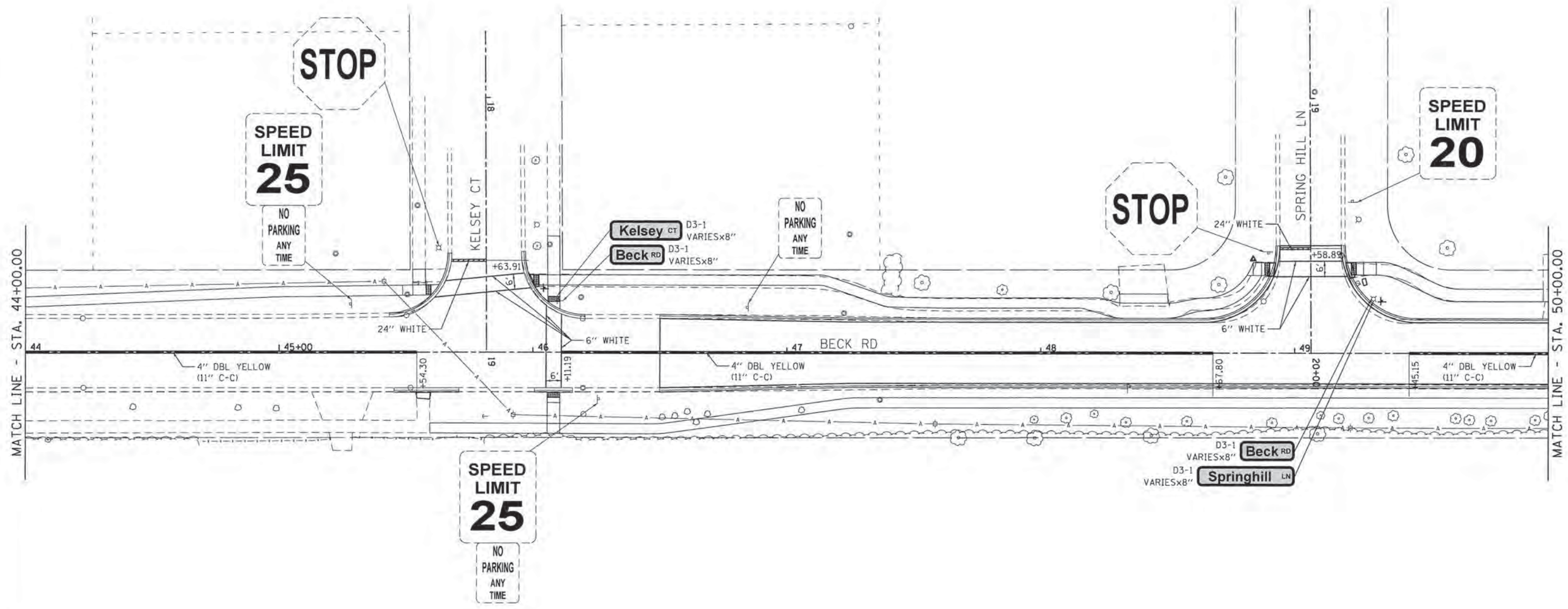
**GHA** GEWALT HAMILTON  
 ASSOCIATES, INC.

**NOTE:**

ALL PAVEMENT MARKINGS SHALL BE THERMOPLASTIC PAVEMENT MARKING UNLESS OTHERWISE NOTED.

FILE NAME = 4477-pmk07.dgn DHA# 4477.025 4477-pmk26	USER NAME = mcolman	DESIGNED - MAC DRAWN - ZCW	REVISED - REVISED -	<b>STATE OF ILLINOIS          DEPARTMENT OF TRANSPORTATION</b>	<b>PAVEMENT MARKING &amp; SIGNING PLAN          BECK ROAD</b>		F.A.U. RTE. 160	SECTION 14-00030-00-RS	COUNTY LAKE	TOTAL SHEETS 213	SHEET NO. 151
	PLOT SCALE = 1:20 PLOT DATE = 1/25/2016	CHECKED - KLB DATE -	REVISED - REVISED -		SCALE: 1"=20' SHEET 7 OF 18 SHEETS STA. TO STA.	CONTRACT NO. 61C68 <small>ILLINOIS FED. AID PROJECT</small>					





**GHA** GEWALT HAMILTON  
 ASSOCIATES, INC.

FILE NAME = 4477-pmk08.dgn  
 USER = mac  
 PLOT SCALE = 1:20  
 PLOT DATE = 1/25/2016

USER NAME = mac  
 PLOT SCALE = 1:20  
 PLOT DATE = 1/25/2016

DESIGNED - MAC  
 DRAWN - ZCW  
 CHECKED - KLB  
 DATE -

REVISED -  
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 REVISED -  
 REVISED -

**STATE OF ILLINOIS**  
**DEPARTMENT OF TRANSPORTATION**

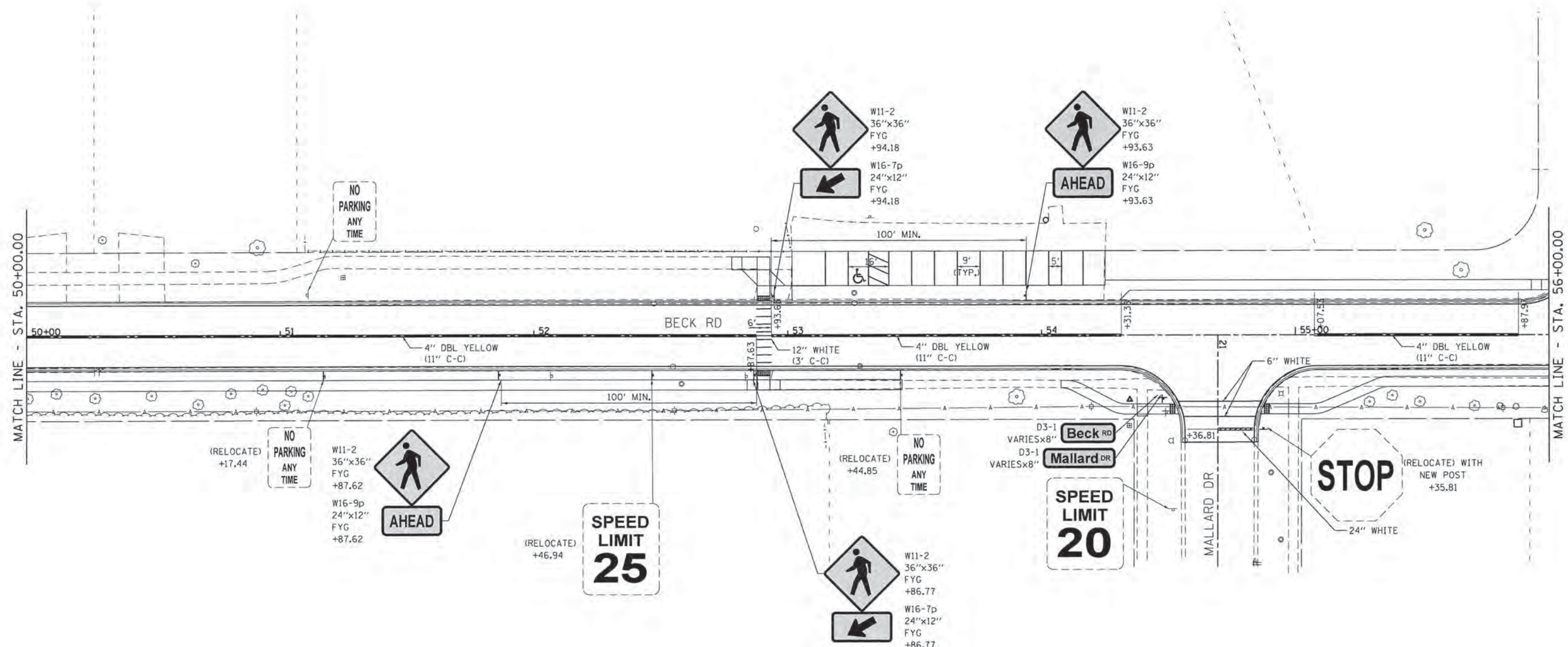
**PAVEMENT MARKING & SIGNING PLAN**  
**BECK ROAD**

SCALE: 1"=20'    SHEET 8 OF 18 SHEETS    STA.    TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
160	14-00030-00-RS	LAKE	213	152
CONTRACT NO. 61C68				
ILLINOIS FED. AID PROJECT				

**NOTE:**  
 ALL PAVEMENT MARKINGS SHALL BE THERMOPLASTIC PAVEMENT MARKING UNLESS OTHERWISE NOTED.





**NOTE:**  
ALL PAVEMENT MARKINGS SHALL BE THERMOPLASTIC PAVEMENT MARKING UNLESS OTHERWISE NOTED.

**GHA GEWALT HAMILTON ASSOCIATES, INC.**

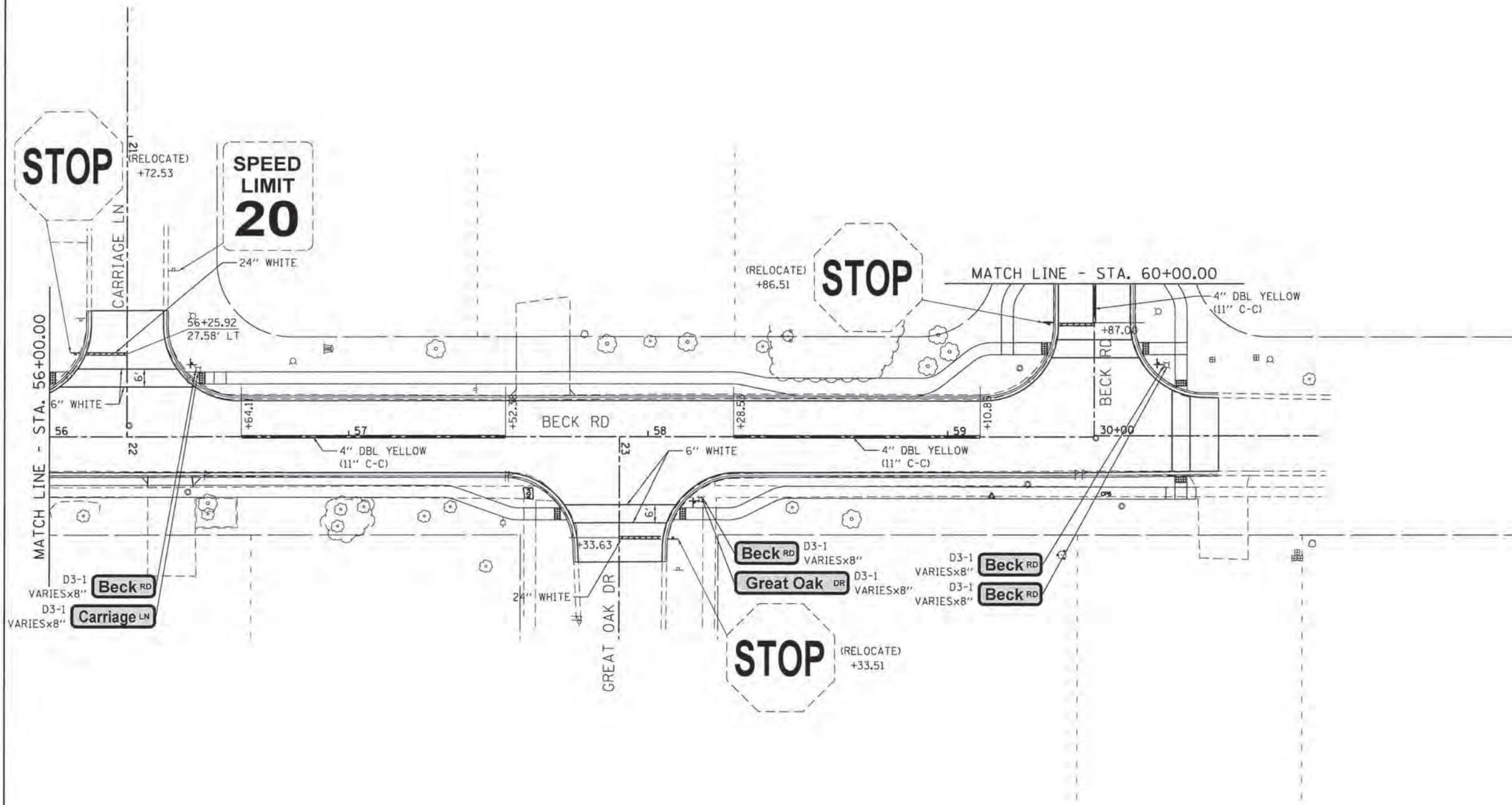
FILE NAME = 4477-pmk09.dgn	USER NAME = mcalemar	DESIGNED - MAC	REVISED -
GHA# 4477.025	PLOT SCALE = 1/20	DRAWN - ZCW	REVISED -
4477-pmk28	PLOT DATE = 1/25/2016	CHECKED - KLB	REVISED -
		DATE -	REVISED -

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

<b>PAVEMENT MARKING &amp; SIGNING PLAN</b>	
<b>BECK ROAD</b>	
SCALE: 1"=20'	SHEET 9 OF 18 SHEETS STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
160	14-00030-00-RS	LAKE	213	153
			CONTRACT NO. 61C68	
ILLINOIS FED. AID PROJECT				





**GHA** GEVAULT HAMILTON ASSOCIATES, INC.

FILE NAME = 4477-pmk18.dgn  
 GHA# 4477.025  
 4477-pmk29

USER NAME = mcoleman  
 PLOT SCALE = 1:20  
 PLOT DATE = 1/25/2016

DESIGNED - MAC  
 DRAWN - ZCW  
 CHECKED - KLB  
 DATE -

REVISED -  
 REVISED -  
 REVISED -  
 REVISED -

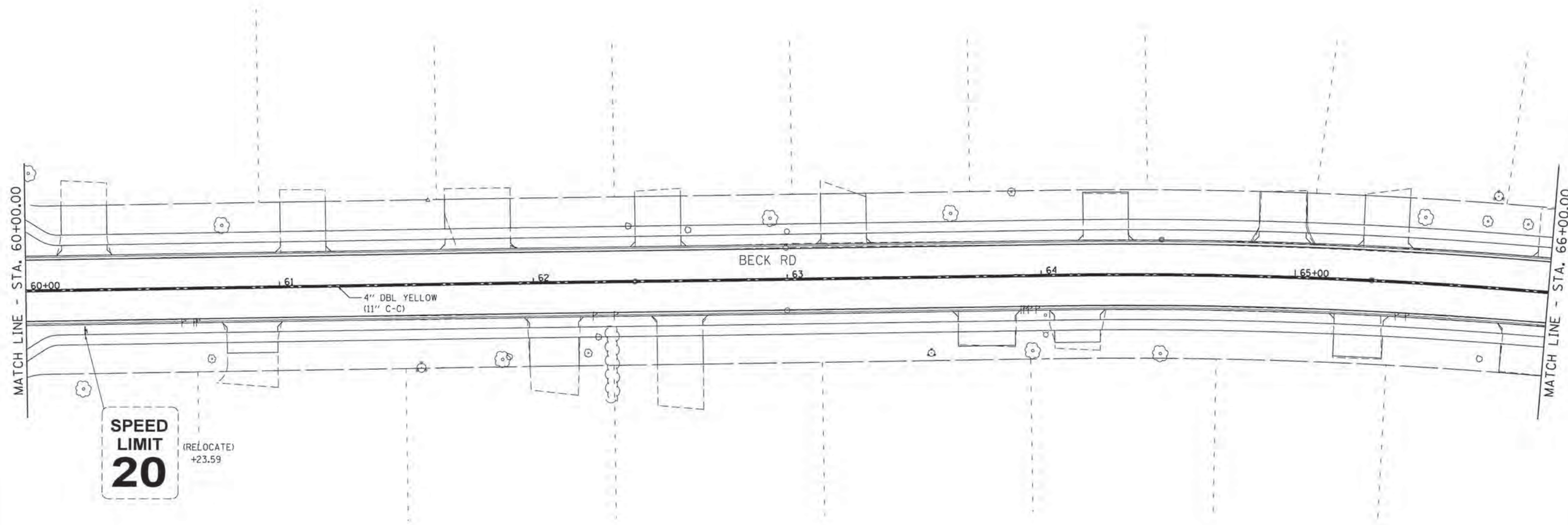
STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION

PAVEMENT MARKING & SIGNING PLAN  
 BECK ROAD  
 SCALE: 1"=20'  
 SHEET 10 OF 18 SHEETS STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
160	14-00030-00-RS	LAKE	213	154
CONTRACT NO. 61C68			ILLINOIS FED. AID PROJECT	

**NOTE:**  
 ALL PAVEMENT MARKINGS SHALL BE THERMOPLASTIC PAVEMENT MARKING UNLESS OTHERWISE NOTED.





**SPEED  
LIMIT**  
**20**  
(RELOCATE)  
+23.59

**NOTE:**  
ALL PAVEMENT MARKINGS SHALL  
BE THERMOPLASTIC PAVEMENT  
MARKING UNLESS OTHERWISE  
NOTED.

**GHA** GEVAULT HAMILTON  
ASSOCIATES, INC.

FILE NAME = 4477-pmk11.dgn  
GHA# 4477.025  
4477-pmk30

USER NAME = mooleman  
PLOT SCALE = 1:20  
PLOT DATE = 1/25/2016

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DRAWN - ZCW  
CHECKED - KLB  
DATE -

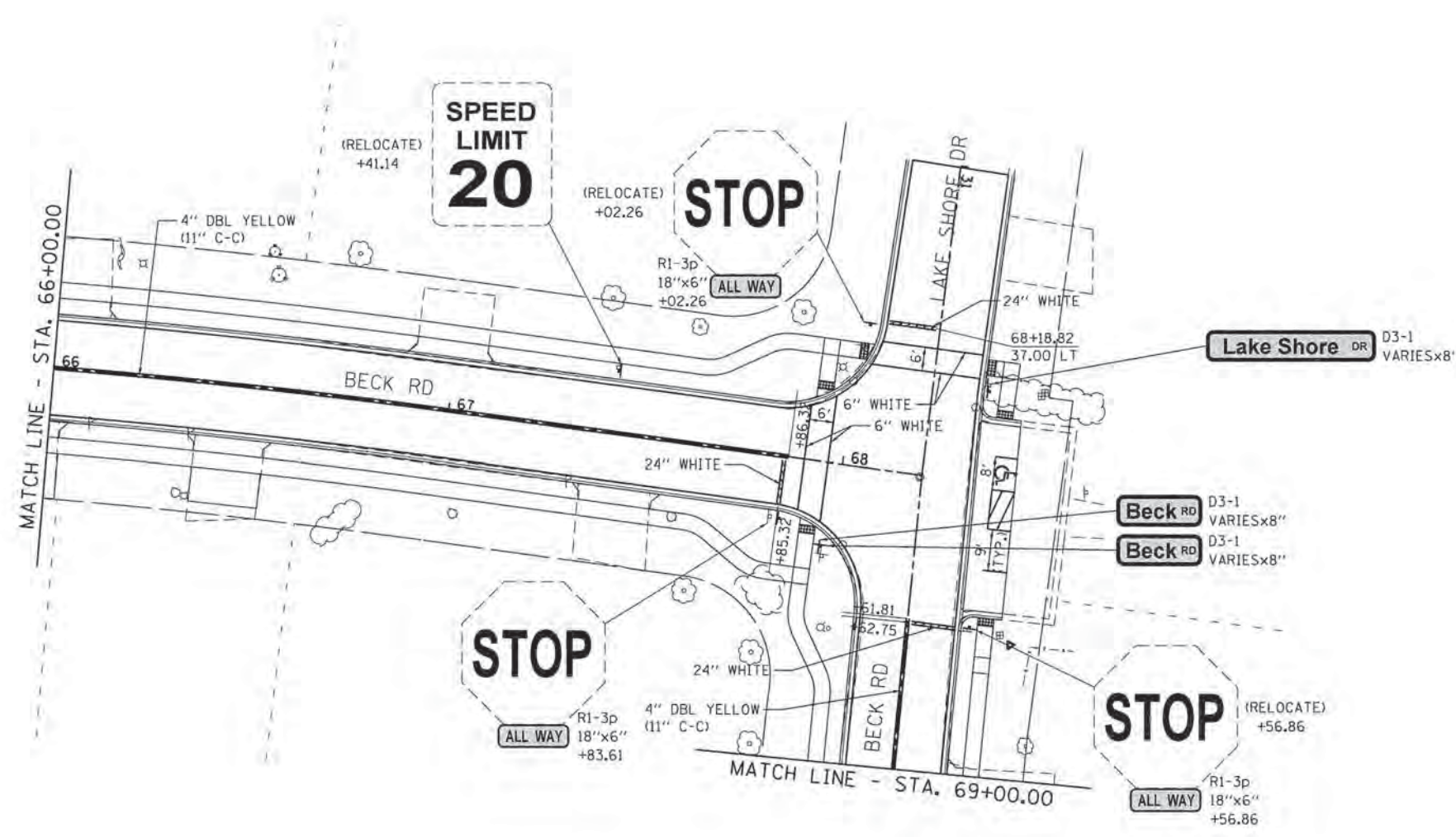
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REVISED -  
REVISED -

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**PAVEMENT MARKING & SIGNING PLAN  
BECK ROAD**  
SCALE: 1"=20' SHEET 11 OF 18 SHEETS STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
160	14-00030-00-RS	LAKE	213	155
CONTRACT NO. 61C68				
ILLINOIS FED. AID PROJECT				





**GHA** GEWALT HAMILTON  
 ASSOCIATES, INC.

FILE NAME = 4477-pmk12.dgn  
 GHA# 4477.025  
 4477-pmk31

USER NAME = mcoleman  
 PLOT SCALE = 1:20  
 PLOT DATE = 1/25/2016

DESIGNED - MAC  
 DRAWN - ZCW  
 CHECKED - KLB  
 DATE -

REVISED -  
 REVISED -  
 REVISED -  
 REVISED -

**STATE OF ILLINOIS**  
**DEPARTMENT OF TRANSPORTATION**

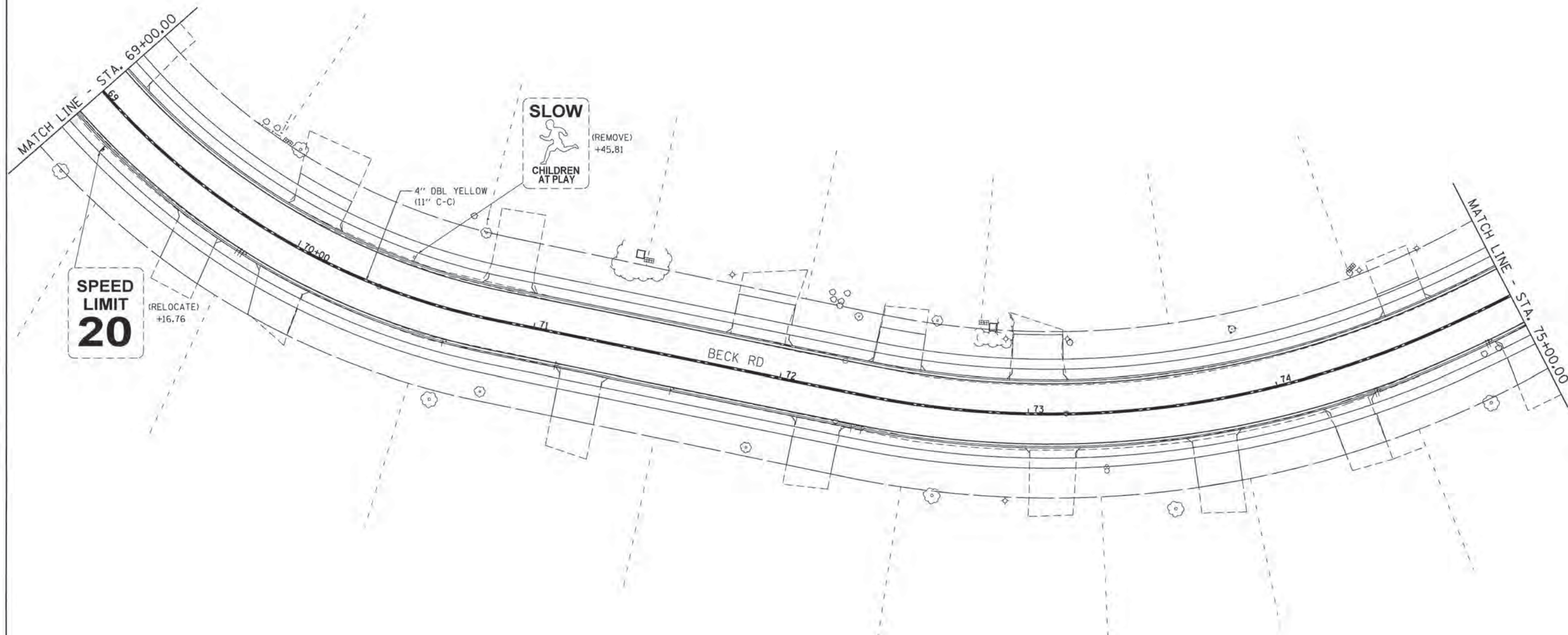
**PAVEMENT MARKING & SIGNING PLAN**  
**BECK ROAD**

SCALE: 1"=20'    SHEET 12 OF 18 SHEETS    STA.    TO STA.

F.A.J. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
160	14-00030-00-RS	LAKE	213	156
CONTRACT NO. 61C68				
ILLINOIS FED. AID PROJECT				

**NOTE:**  
 ALL PAVEMENT MARKINGS SHALL BE THERMOPLASTIC PAVEMENT MARKING UNLESS OTHERWISE NOTED.





**GHA** GEWALT HAMILTON  
 ASSOCIATES, INC.

**NOTE:**

ALL PAVEMENT MARKINGS SHALL BE THERMOPLASTIC PAVEMENT MARKING UNLESS OTHERWISE NOTED.

FILE NAME =	4477-pmk13.dgn
DHA#	4477.025
	4477-pmk32

USER NAME =	moaleman
DESIGNED -	MAC
DRAWN -	ZCW
CHECKED -	KLB
DATE -	

DESIGNED -	MAC
DRAWN -	ZCW
CHECKED -	KLB
DATE -	

REVIS	REVISION
REVIS	REVISION
REVIS	REVISION
REVIS	REVISION

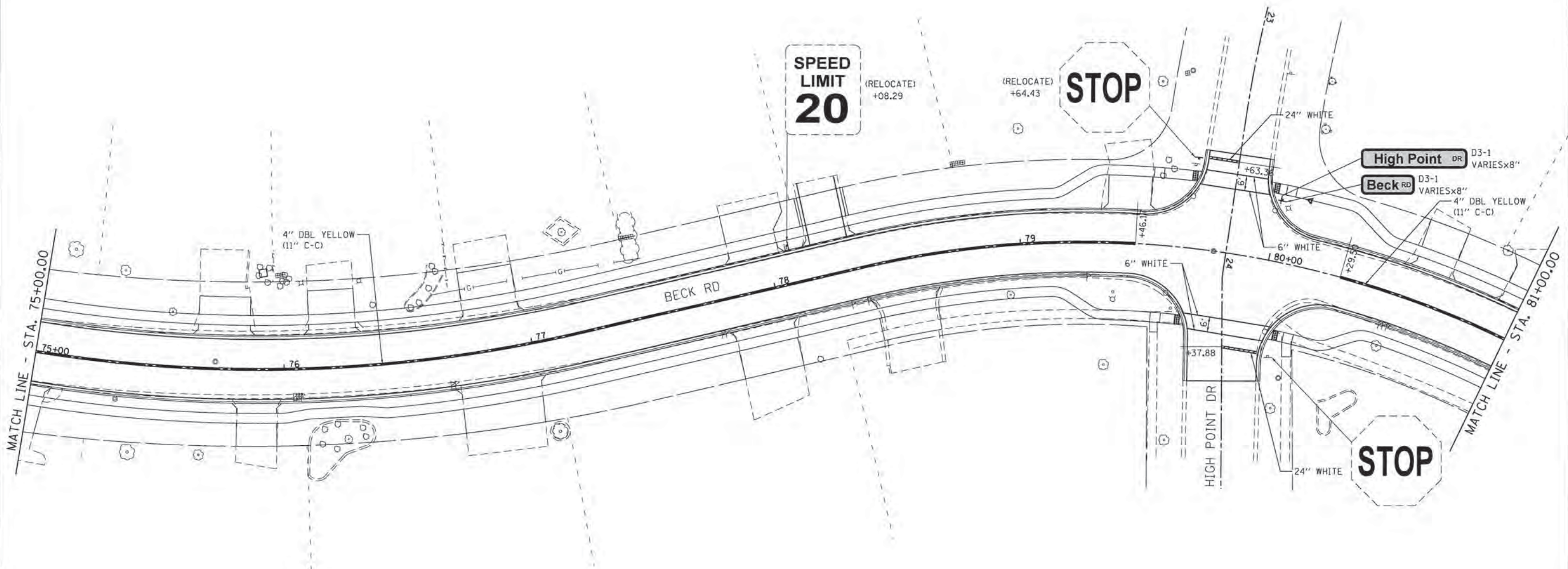
**STATE OF ILLINOIS**  
**DEPARTMENT OF TRANSPORTATION**

**PAVEMENT MARKING & SIGNING PLAN**  
**BECK ROAD**

SCALE: 1"=20'    SHEET 13 OF 18 SHEETS    STA.    TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
160	14-00030-00-RS	LAKE	213	157
CONTRACT NO. 61C68				
ILLINOIS FED. AID PROJECT				





**NOTE:**  
 ALL PAVEMENT MARKINGS SHALL BE THERMOPLASTIC PAVEMENT MARKING UNLESS OTHERWISE NOTED.

**GHA** GEWALT HAMILTON ASSOCIATES, INC.

FILE NAME = 4477-pmk14.dgn  
 GHA# 4477.025  
 4477-pmk33

USER NAME = mcolemn  
 PLOT SCALE = 1:20  
 PLOT DATE = 1/25/2016

DESIGNED - MAC  
 DRAWN - ZCW  
 CHECKED - KLB  
 DATE -

REVISED -  
 REVISED -  
 REVISED -  
 REVISED -

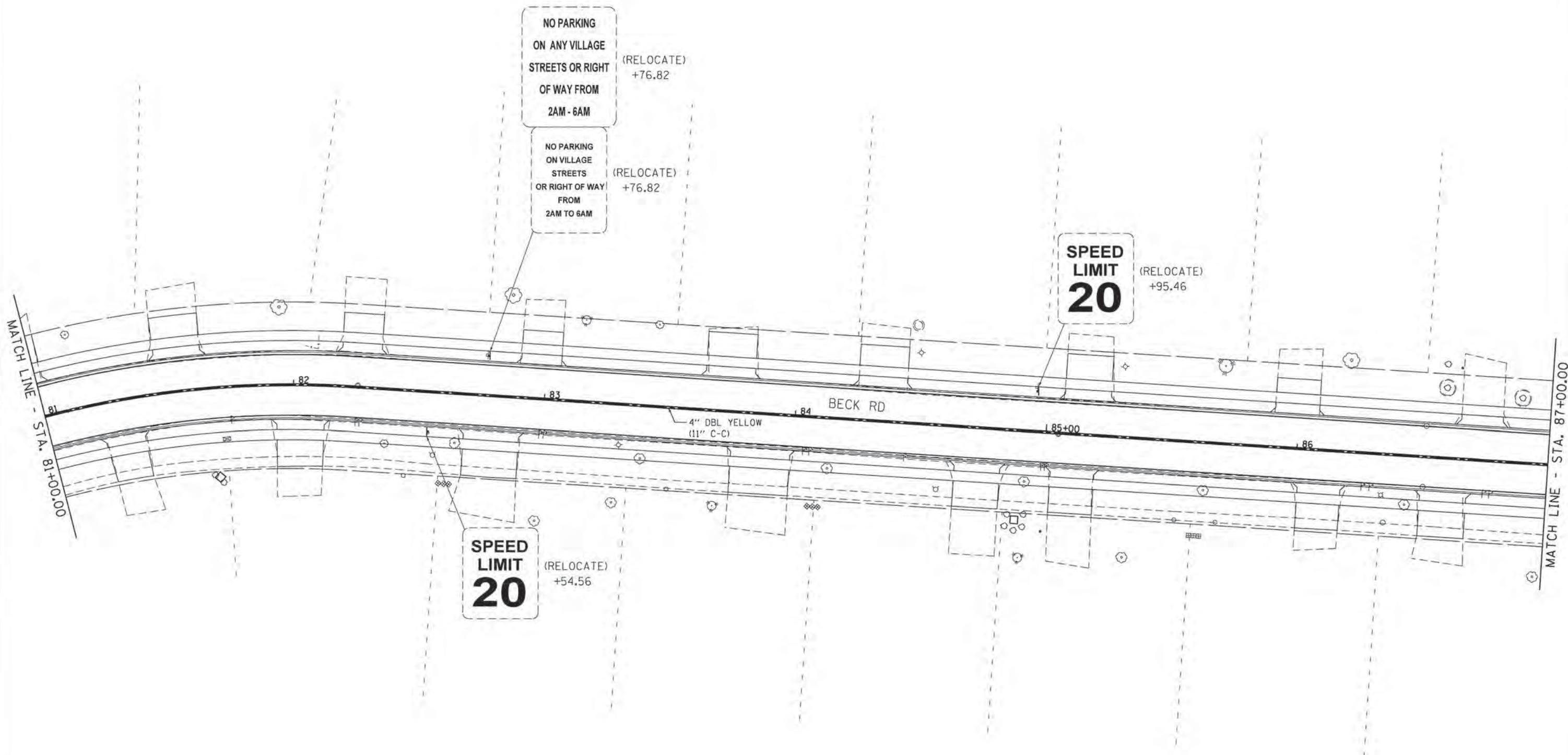
STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION

PAVEMENT MARKING & SIGNING PLAN  
 BECK ROAD

SCALE: 1"=20' SHEET 14 OF 18 SHEETS STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
160	14-00030-00-RS	LAKE	213	158
				CONTRACT NO. 61C68
ILLINOIS FED. AID PROJECT				





**NOTE:**  
 ALL PAVEMENT MARKINGS SHALL BE THERMOPLASTIC PAVEMENT MARKING UNLESS OTHERWISE NOTED.

**GHA** GEWALT HAMILTON ASSOCIATES, INC.

FILE NAME = 4477-pmk15.dgn  
 DHA\* 4477.025  
 4477-pmk34

USER NAME = mcolaman  
 PLOT SCALE = 1:20  
 PLOT DATE = 1/25/2016

DESIGNED - MAC  
 DRAWN - ZCW  
 CHECKED - KLB  
 DATE -

REVISED -  
 REVISED -  
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 REVISED -

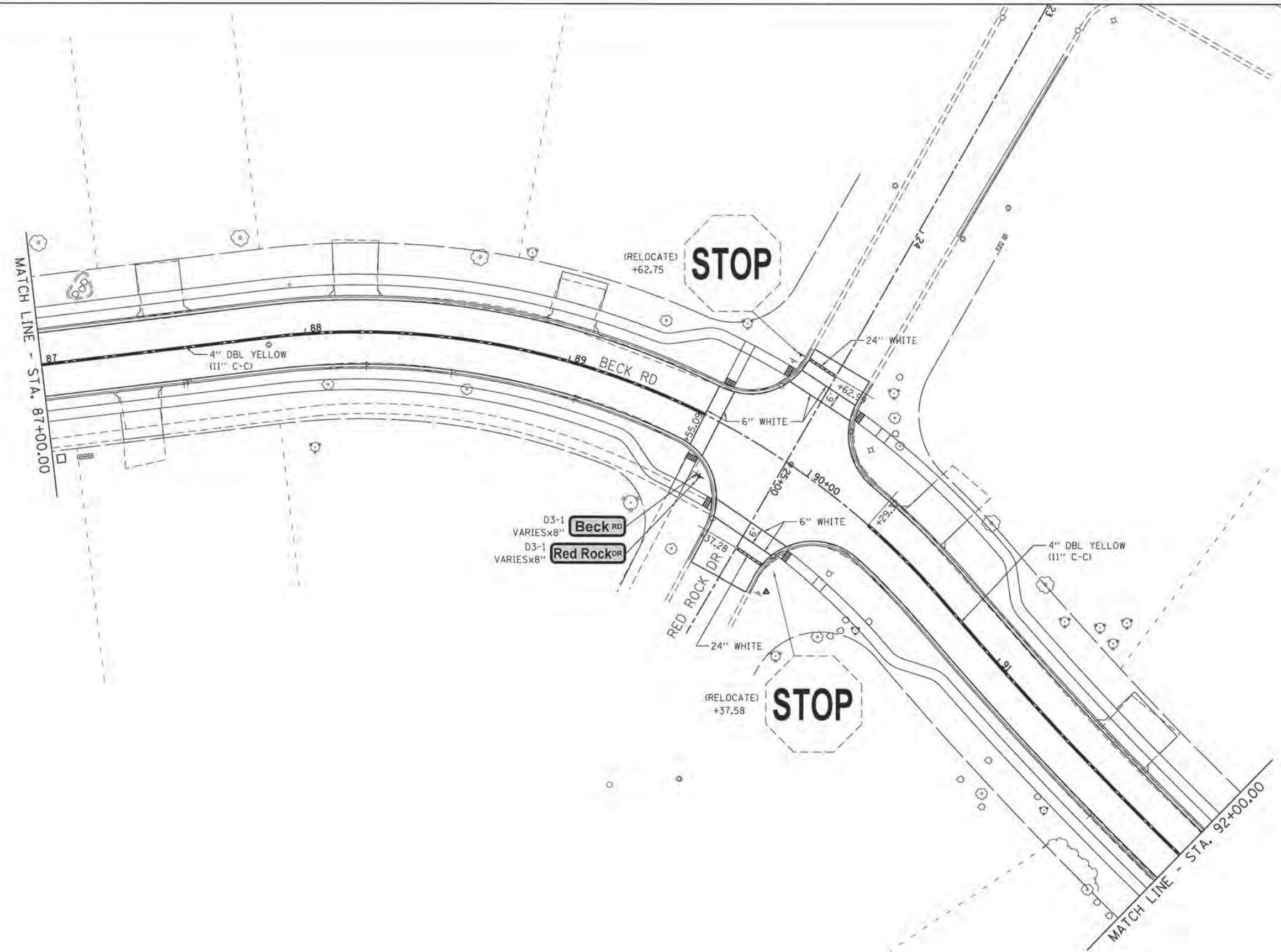
**STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION**

**PAVEMENT MARKING & SIGNING PLAN  
 BECK ROAD**

SCALE: 1"=20'    SHEET 15 OF 18 SHEETS    STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
160	14-00030-00-RS	LAKE	213	159
CONTRACT NO. 61C68				
ILLINOIS FED. AID PROJECT				





**NOTE:**  
 ALL PAVEMENT MARKINGS SHALL  
 BE THERMOPLASTIC PAVEMENT  
 MARKING UNLESS OTHERWISE  
 NOTED.

**CH2M HILL**  
 GEWALT HAMILTON  
 ASSOCIATES, INC.

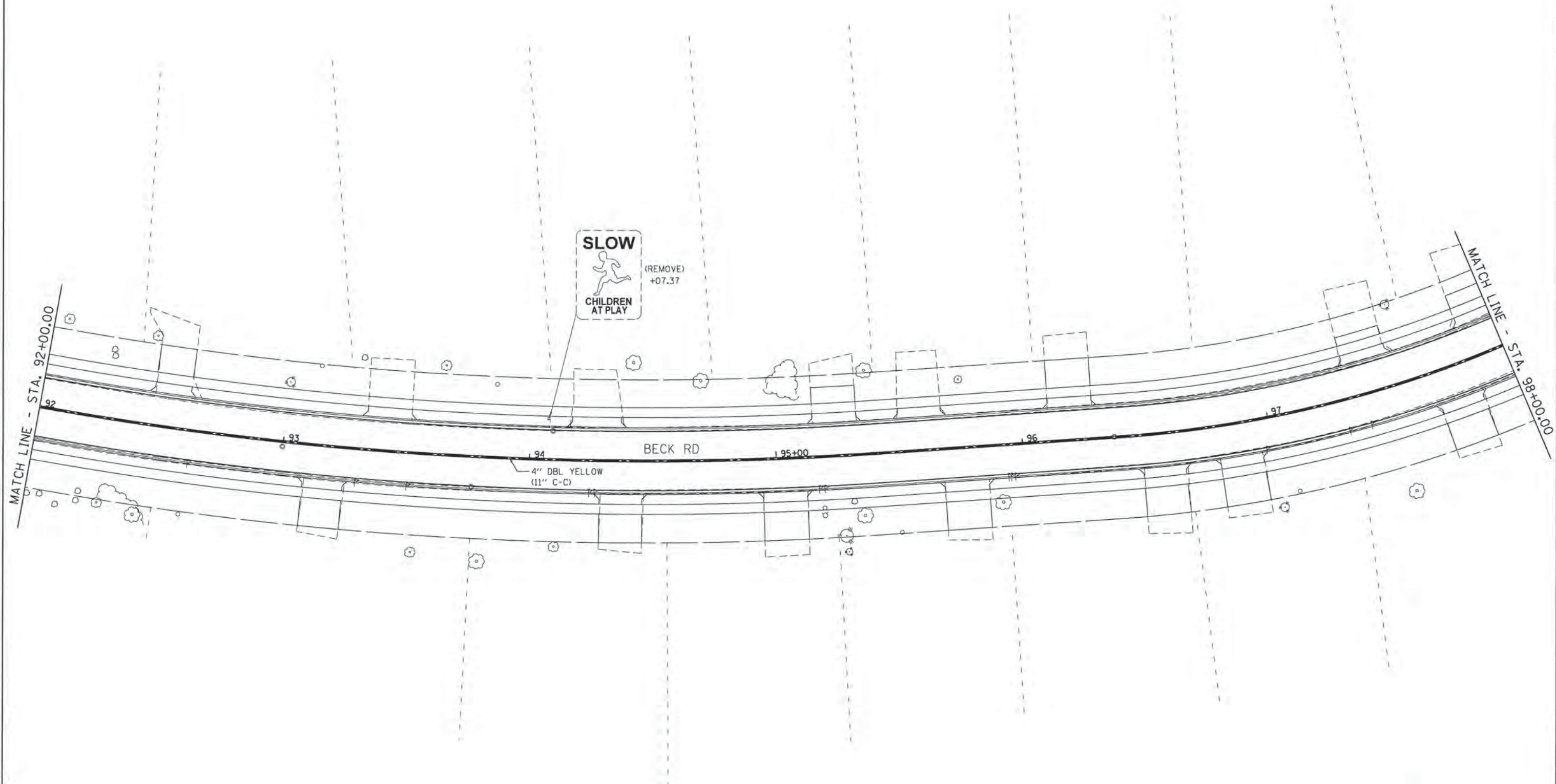
FILE NAME = 4477.pmk16.dgn	USER NAME = micalamari	DESIGNED - MAC	REVISED -
DWA* 4477.025	PLLOT SCALE = 1/20'	DRAWN - ZCW	REVISED -
4477.pmk39	CHECKED - KLB	DATE -	REVISED -
	PLLOT DATE = 1/25/2016		

**STATE OF ILLINOIS**  
**DEPARTMENT OF TRANSPORTATION**

<b>PAVEMENT MARKING &amp; SIGNING PLAN</b>	
<b>BECK ROAD</b>	
SCALE: 1"=20'	SHEET 16 OF 18 SHEETS STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
160	14-00030-00-RS	LAKE	213	160
CONTRACT NO. 61C68				
ILLINOIS FED. AID PROJECT				





MATCH LINE - STA. 92+00.00

MATCH LINE - STA. 98+00.00

**SLOW**  
  
 CHILDREN AT PLAY  
 (REMOVE)  
 +07.37

4" DBL YELLOW  
 (11" C-C)

BECK RD

**NOTE:**

ALL PAVEMENT MARKINGS SHALL BE THERMOPLASTIC PAVEMENT MARKING UNLESS OTHERWISE NOTED.



FILE NAME = 4477-pmk17.dgn  
 DHA\* 4477.025  
 4477-pmk36

USER NAME = mcoleman  
 PLT SCALE = 1:20  
 PLT DATE = 1/25/2016

DESIGNED - MAC  
 DRAWN - ZCW  
 CHECKED - KLB  
 DATE -

REVISED -  
 REVISED -  
 REVISED -  
 REVISED -

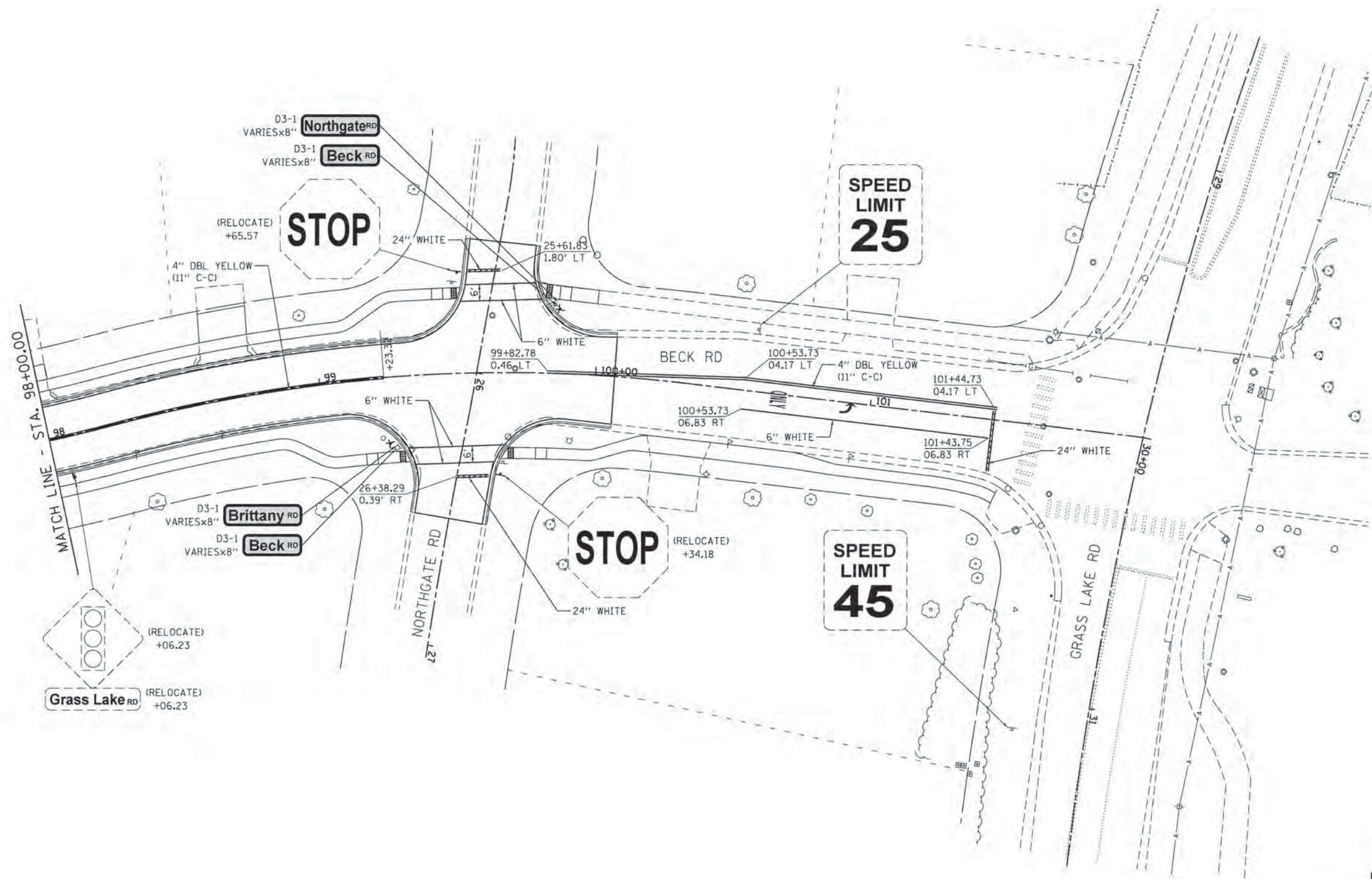
STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION

PAVEMENT MARKING & SIGNING PLAN  
 BECK ROAD

SCALE: 1"=20' SHEET 17 OF 18 SHEETS STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
160	14-00030-00-RS	LAKE	213	161
				CONTRACT NO. 61C68
ILLINOIS FED. AID PROJECT				





**NOTE:**  
 ALL PAVEMENT MARKINGS SHALL BE THERMOPLASTIC PAVEMENT MARKING UNLESS OTHERWISE NOTED.

**CHA** GEWALT HAMILTON ASSOCIATES, INC.

FILE NAME = 4477-pmk18.dgn  
 GHA# 4477.025  
 4477-pmk37

USER NAME = mcolman  
 PLOT SCALE = 1:20  
 PLOT DATE = 1/25/2016

DESIGNED -	MAC	REVISED -	
DRAWN -	ZCW	REVISED -	
CHECKED -	KLB	REVISED -	
DATE -		REVISED -	

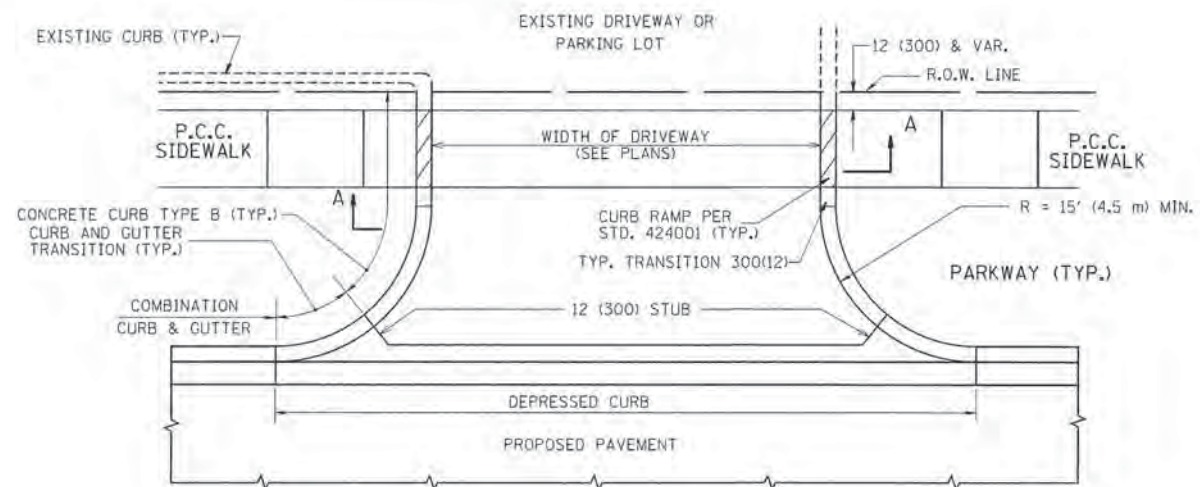
**STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION**

**PAVEMENT MARKING & SIGNING PLAN  
 BECK ROAD**

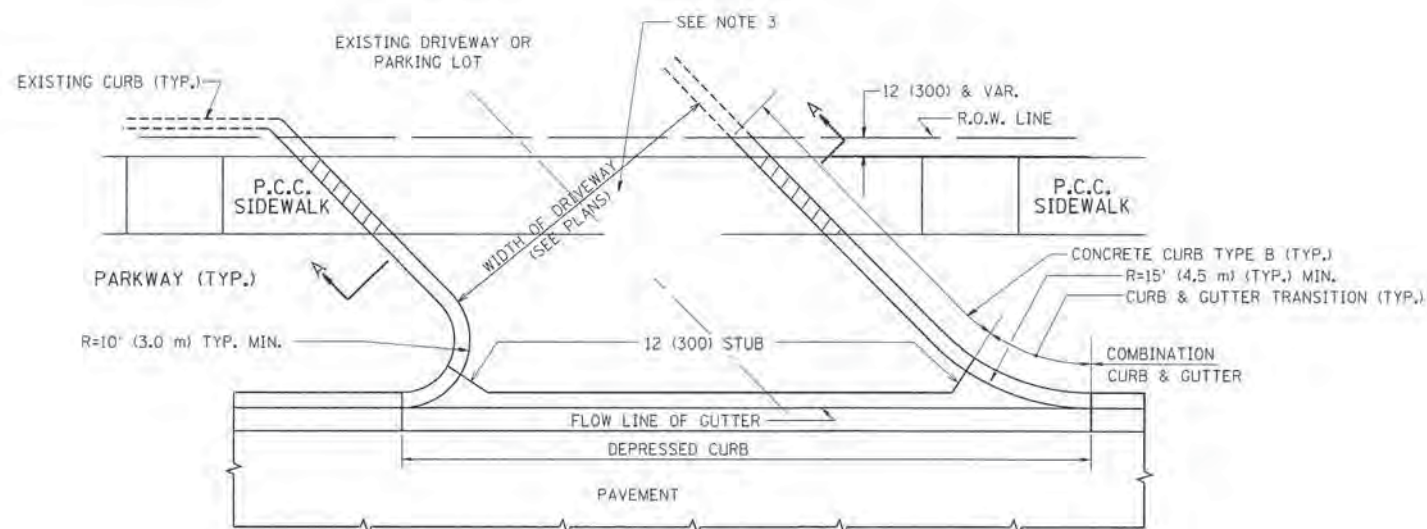
SCALE: 1"=20'    SHEET 18 OF 18 SHEETS    STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
160	14-00030-00-RS	LAKE	213	162
				CONTRACT NO. 61C68
ILLINOIS FED. AID PROJECT				

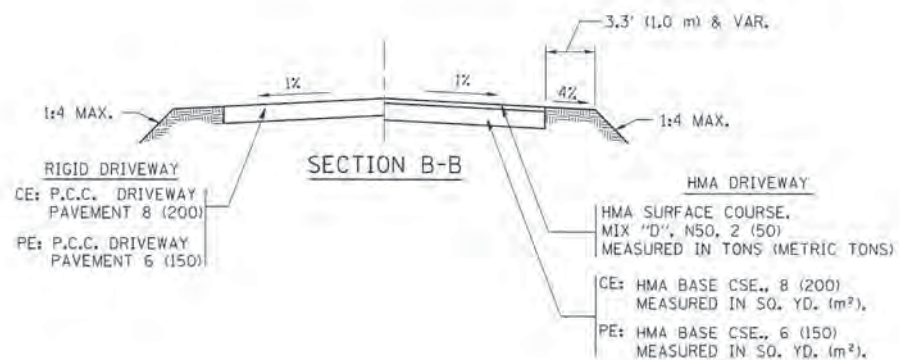
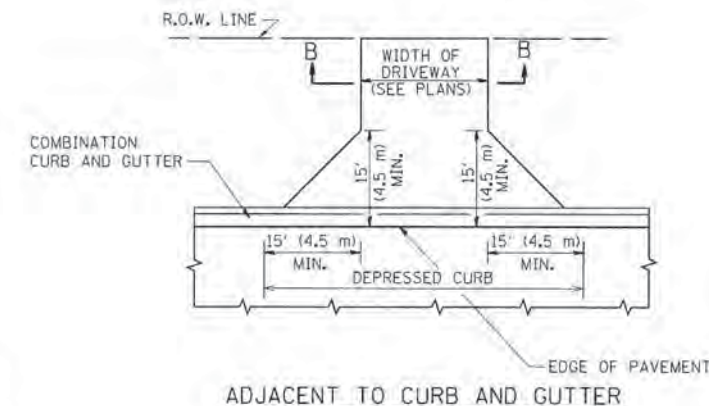
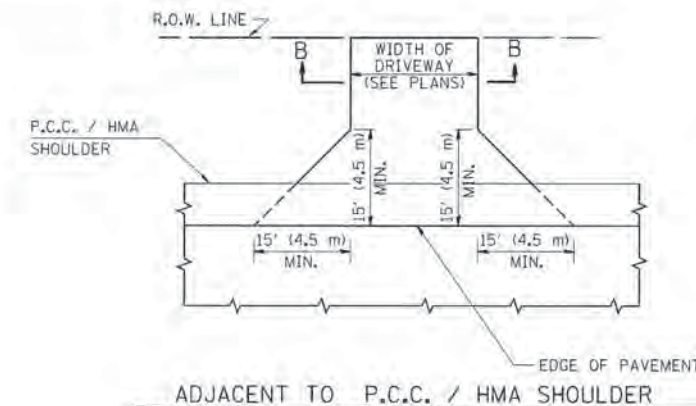
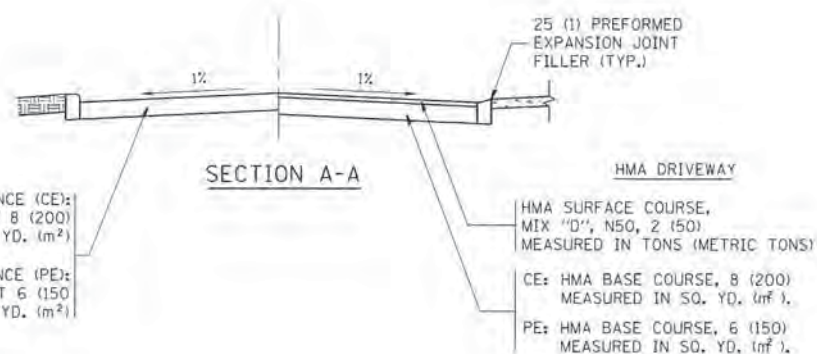




WITH CONCRETE CURB, TYPE B



WITH CONCRETE CURB, TYPE B



GENERAL NOTES:

DRIVEWAY SLOPES, LOCATIONS, & GEOMETRIC LAYOUT SHALL BE IN ACCORDANCE WITH THE LATEST EDITION OF THE "HANDBOOK FOR POLICY ON PERMITS FOR ACCESS DRIVEWAYS TO STATE HIGHWAYS". FOR FURTHER LAYOUT REQUIREMENTS, REFER TO ILLUSTRATIONS IN THE PERMIT HANDBOOK. DRIVEWAYS SHALL BE REPLACED IN KIND, UNLESS OTHERWISE NOTED ON THE PLANS.

COMMERCIAL DRIVEWAYS SHALL BE CONSTRUCTED WITH CONCRETE CURB, TYPE B RETURNS EXCEPT WHEN THE SIDEWALK EDGE IS 4 FEET (1.2 METERS) OR LESS FROM THE BACK OF CURB, CONSTRUCT A FLARE DRIVEWAY WITHOUT CURB.

THE RESIDENT ENGINEER SHALL CONTACT THE TRAFFIC PERMIT OFFICE AT 847/ 705-4131 FOR ANY QUESTIONS ON DRIVEWAYS SHOWN IN THE PLANS; SPECIFICALLY IN REFERENCE TO ADDITIONAL AND/OR RELOCATION/REMOVAL OF A DRIVEWAY.

COMBINATION CONCRETE CURB & GUTTER SHALL BE MEASURED STRAIGHT ACROSS THE DRIVEWAY. NO ADDITIONAL COMPENSATION WILL BE ALLOWED FOR THE CURB & GUTTER TRANSITION.

1 (25) PREFORMED EXPANSION JOINT FILLER WILL NOT BE PAID SEPARATELY, BUT SHALL BE CONSIDERED INCLUDED IN THE COST OF THE P.C.C. DRIVEWAY PAVEMENT OR P.C.C. SIDEWALK.

WHEN THE P.C.C. SIDEWALK EXTENDS THROUGH THE DRIVEWAY, THE THICKNESS OF THE SIDEWALK IN THE DRIVEWAY AREA SHALL BE THE SAME AS THE DRIVEWAY THICKNESS. SIDEWALK WILL BE PAID FOR AS P.C.C. SIDEWALK OF THE THICKNESS SPECIFIED. SIDEWALK CROSS SLOPE THRU DRIVEWAY AREA TO BE A MAXIMUM OF 1:50.

GEWALT HAMILTON ASSOCIATES, INC.

FILE NAME: 4477-StaDetails.dgn  
DWA\* 4477.025  
1001 DI STANDARD BDR

USER NAME: mrcolman  
PLOT SCALE: 1:1  
PLOT DATE: 1/25/2016

DESIGNED - R. SHAH  
DRAWN -  
CHECKED -  
DATE - 11-04-95

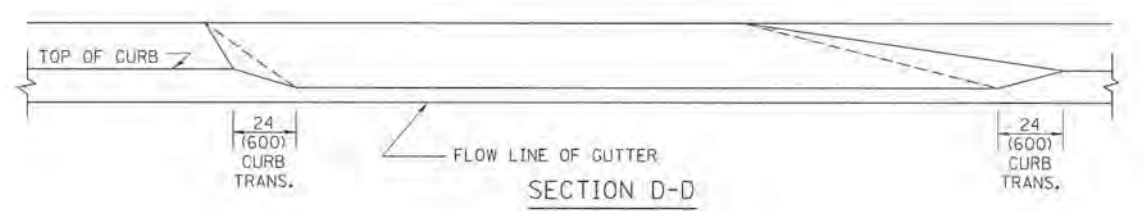
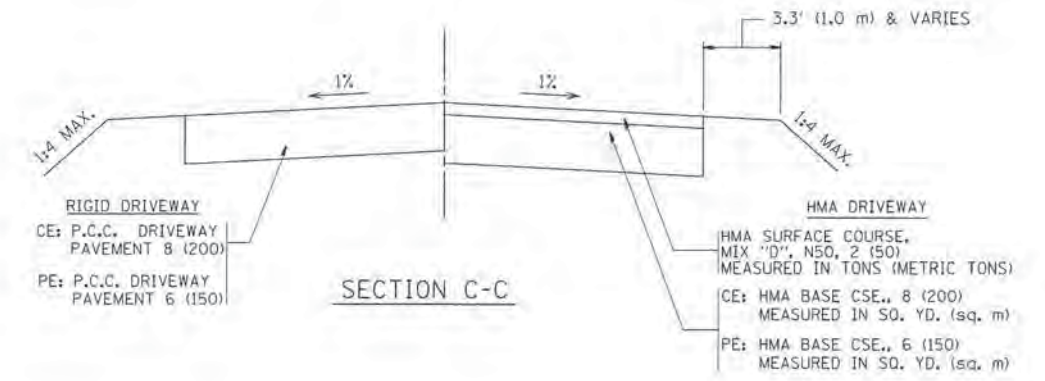
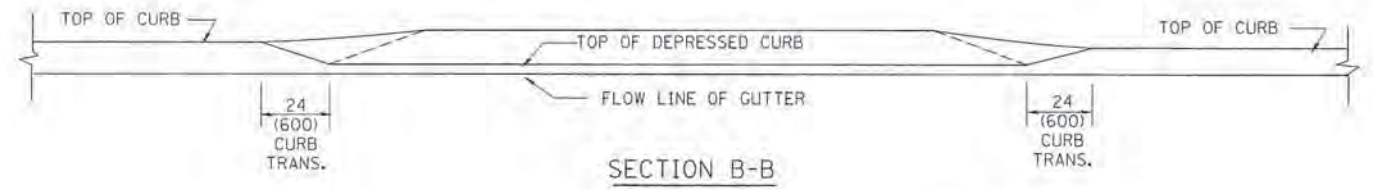
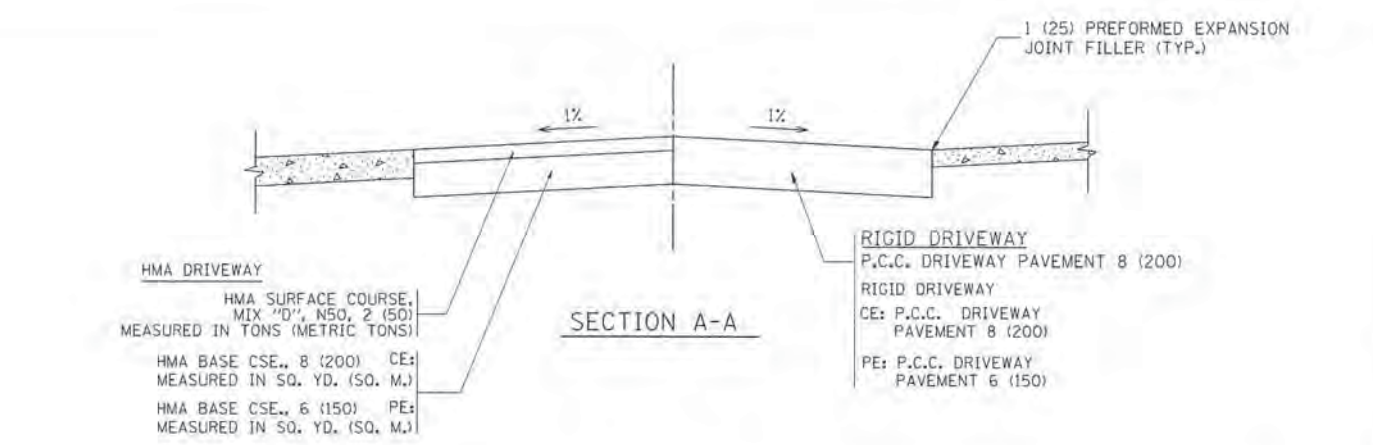
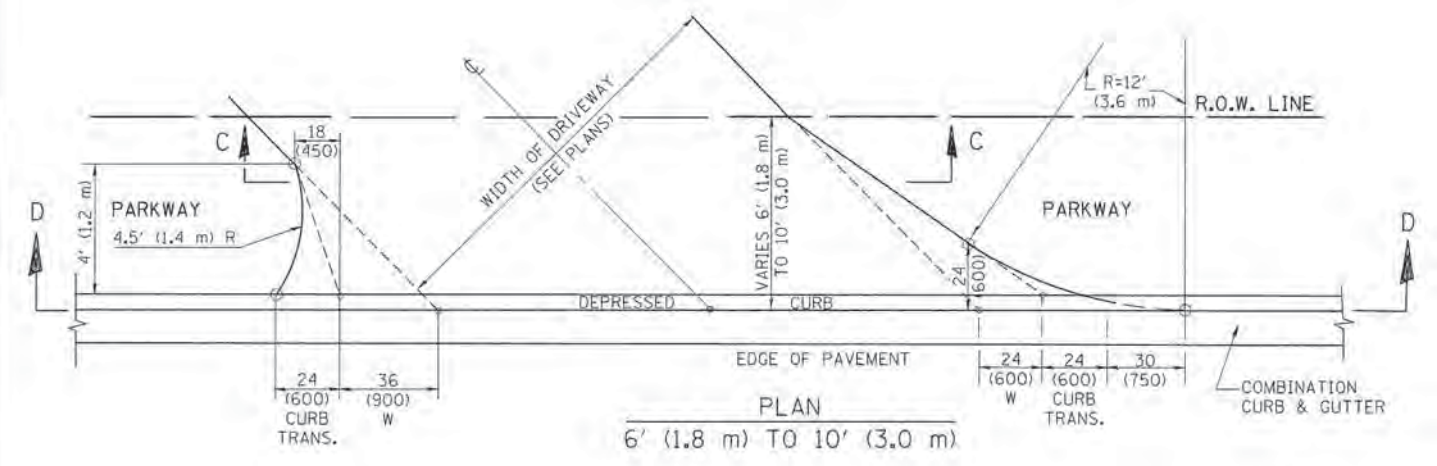
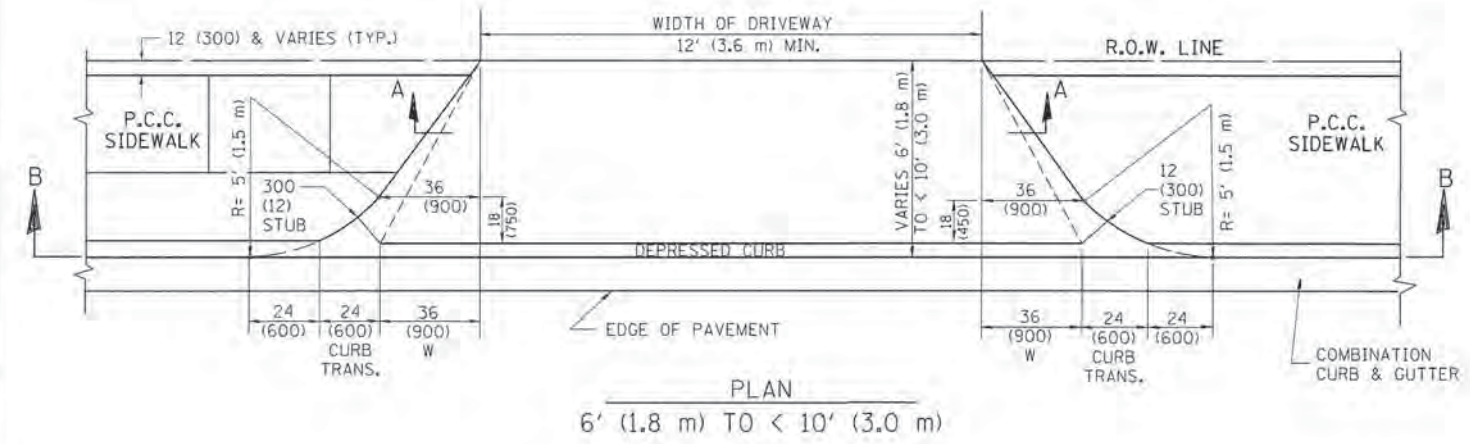
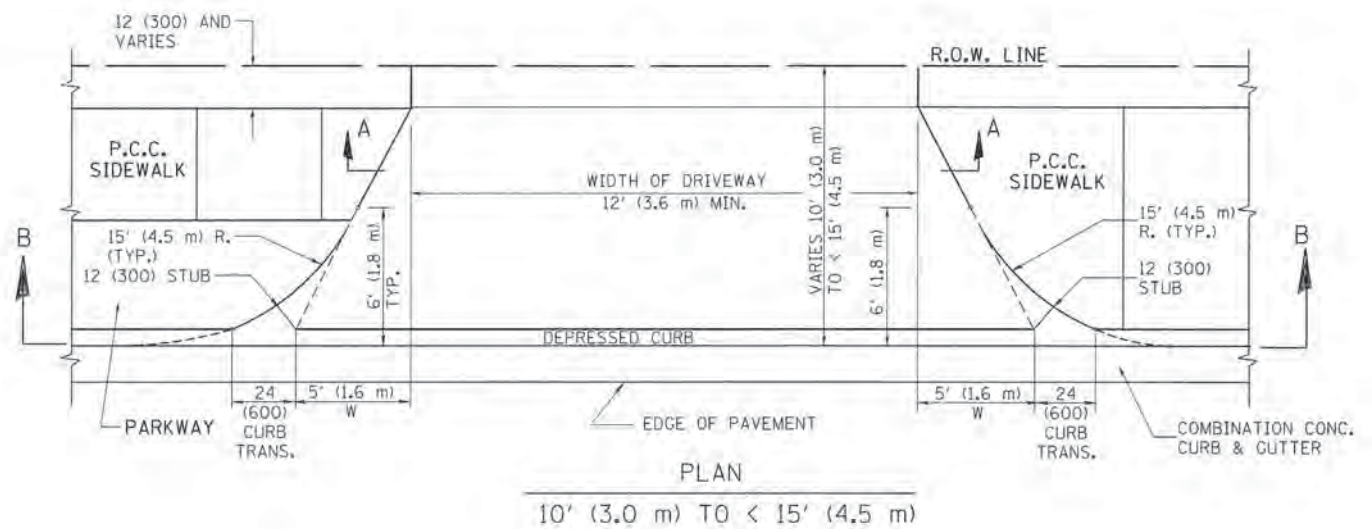
REVISED - P. LGFLUER 04-15-03  
REVISED - R. BORO 01-01-07  
REVISED - R. BORO 06-11-08  
REVISED - R. BORO 09-06-11

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

DRIVEWAY DETAILS - DISTANCE BETWEEN R.O.W.  
AND FACE OF CURB & EDGE OF SHOULDER >= 15' (4.5 m)  
SCALE: NONE SHEET NO. 1 OF 1 SHEETS STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
160	14-00030-00-RS	LAKE	213	163
BD0156-07 (BD-01)			CONTRACT NO. 61C68	
ILLINOIS FED. AID PROJECT				





**GENERAL NOTES**

DRIVEWAY SLOPES, LOCATIONS, & GEOMETRIC LAYOUT SHALL BE IN ACCORDANCE WITH THE LATEST EDITION OF THE "HANDBOOK FOR POLICY ON PERMITS FOR ACCESS DRIVEWAYS TO STATE HIGHWAYS". FOR FURTHER LAYOUT REQUIREMENTS, REFER TO ILLUSTRATION 10 IN THE PERMIT HANDBOOK. WHERE SIDEWALKS EXIST, DRIVEWAYS SHALL BE REPLACED WITH RIGID PAVEMENT. WHERE NO SIDEWALKS EXIST, DRIVEWAYS SHALL BE REPLACED IN KIND. SIDEWALK CROSS SLOPE THRU DRIVEWAY AREA TO BE A MAXIMUM OF 1:50.

WHEN THE DISTANCE BETWEEN R.O.W. AND THE BACK OF CURB IS EQUAL TO OR LESS THAN B' (2.4 m), THE P.C.C. SIDEWALK SHALL EXTEND TO THE BACK OF CURB.

THE RESIDENT ENGINEER SHALL CONTACT THE TRAFFIC PERMIT OFFICE AT 847/705-4131 FOR ANY QUESTIONS ON DRIVEWAYS SHOWN IN THE PLANS; SPECIFICALLY IN REFERENCE TO ADDITIONAL AND/OR RELOCATION/REMOVAL OF A DRIVEWAY.

COMBINATION CONCRETE CURB & GUTTER SHALL BE MEASURED STRAIGHT ACROSS THE DRIVEWAY. NO ADDITIONAL COMPENSATION WILL BE ALLOWED FOR THE CURB & GUTTER TRANSITION.

THE 1 (25) PREFORMED EXPANSION JOINT FILLER WILL NOT BE PAID SEPARATELY, BUT SHALL BE CONSIDERED INCLUDED IN THE COST OF THE P.C.C. DRIVEWAY PAVEMENT OR P.C.C. SIDEWALK.

"W" VARIES FROM 36 (900) TO 5' (1.5 m) PROPORTIONAL TO THE LENGTH (L), FROM 6' (1.8 m) TO 10' (3 m).

ALL DIMENSIONS ARE IN INCHES (MILLIMETERS) UNLESS OTHERWISE NOTED.

**CHA** GEWALT HAMILTON ASSOCIATES, INC.

FILE NAME = 4477-StaDetails.dgn  
DHA\* 4477.025  
1001 D1 STANDARD B002

USER NAME = mcoleman  
PLDT SCALE = 1:1  
PLDT DATE = 1/25/2016

DESIGNED - R. SHAH  
DRAWN -  
CHECKED - R. BORO 01-01-07  
DATE - 11-06-95

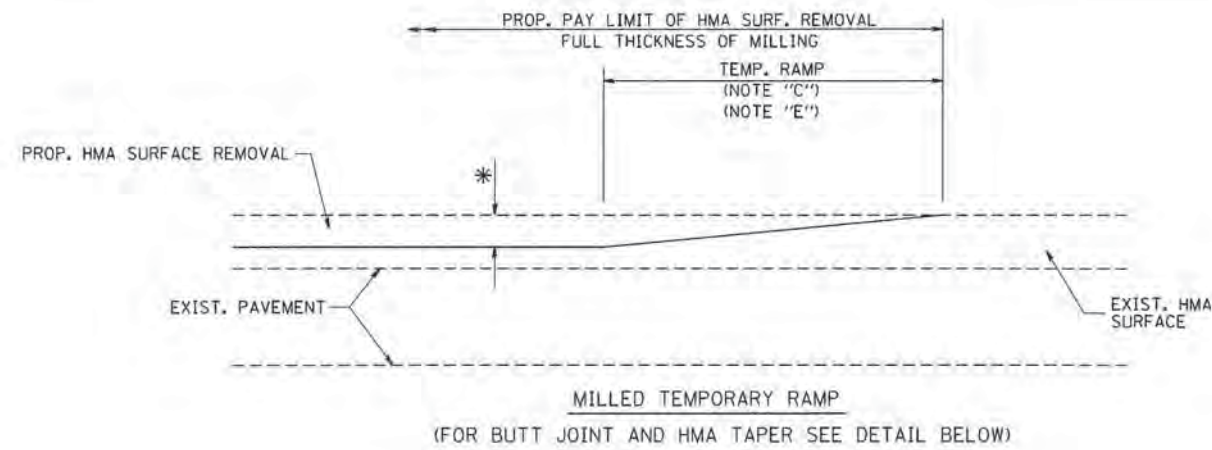
REVISED - M. GOMEZ 04-06-01  
REVISED - P. LoFLEUR 04-15-03  
REVISED - R. BORO 01-01-07  
REVISED - R. BORO 09-06-11

**STATE OF ILLINOIS**  
**DEPARTMENT OF TRANSPORTATION**

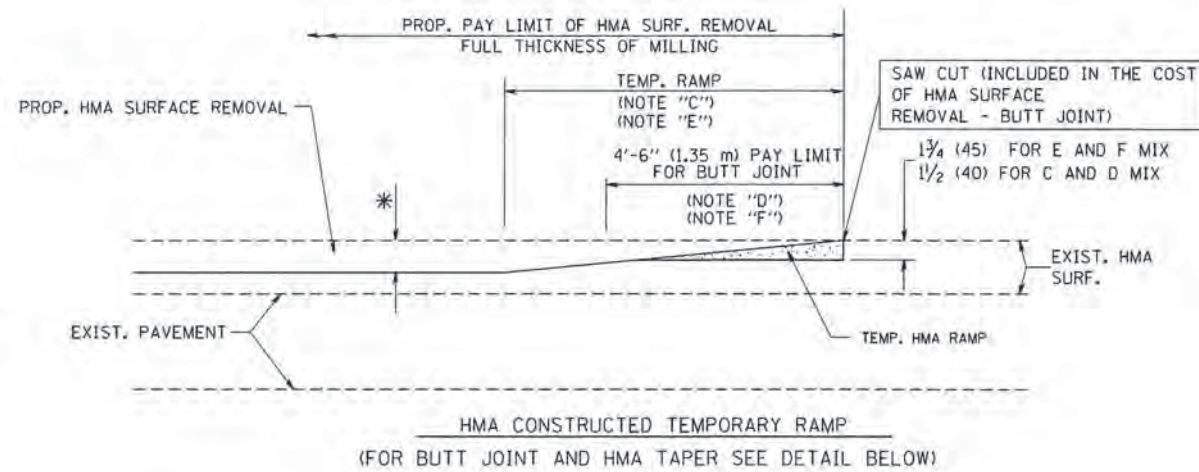
**DRIVEWAY DETAILS**  
**DISTANCE BETWEEN ROW AND FACE OF CURB < 15' (4.5 m)**  
SCALE: NONE SHEET NO. 1 OF 1 SHEETS STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
160	14-00030-00-RS	LAKE	213	164
BD400-02 (BD-02)			CONTRACT NO. 61C68	
ILLINOIS FED. AID PROJECT				

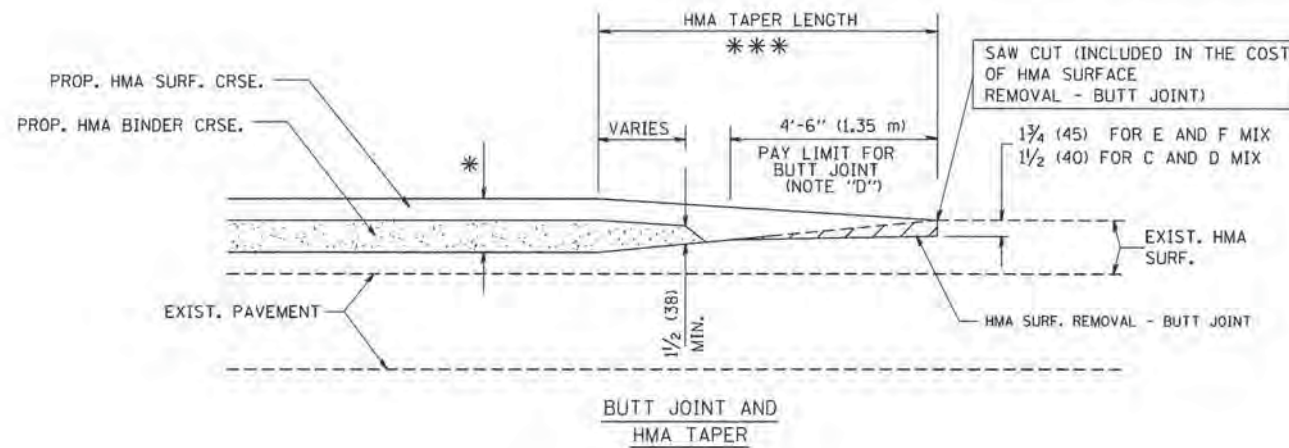




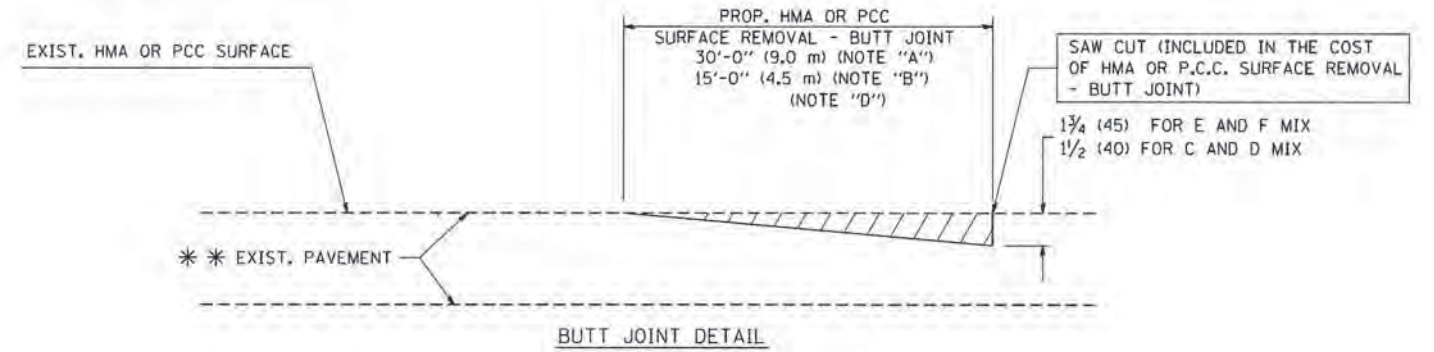
OPTION 1



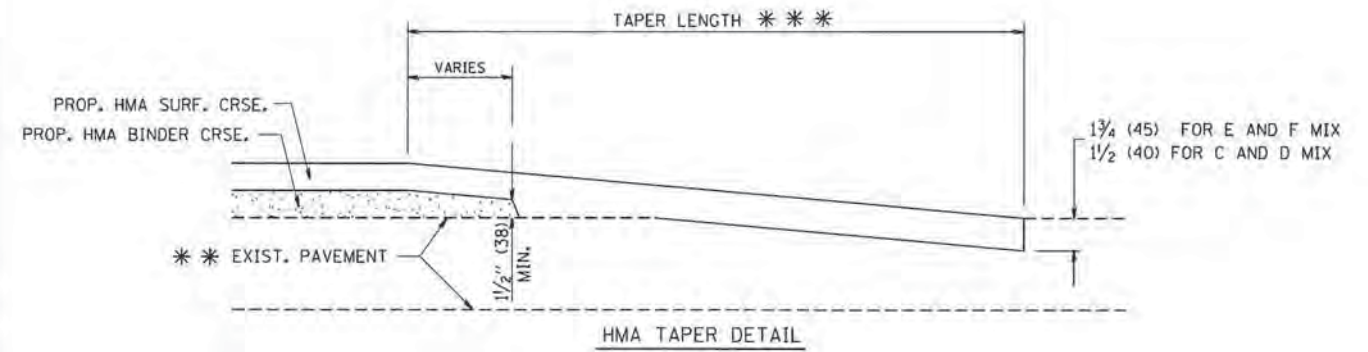
OPTION 2  
TYPICAL TEMPORARY RAMP



TYPICAL BUTT JOINT AND HMA TAPER  
FOR MILLING AND RESURFACING



BUTT JOINT DETAIL



HMA TAPER DETAIL

TYPICAL BUTT JOINT AND HMA TAPER  
FOR RESURFACING ONLY

\*\* PC CONCRETE, HMA OR HMA RESURFACED PAVEMENT.

NOTES

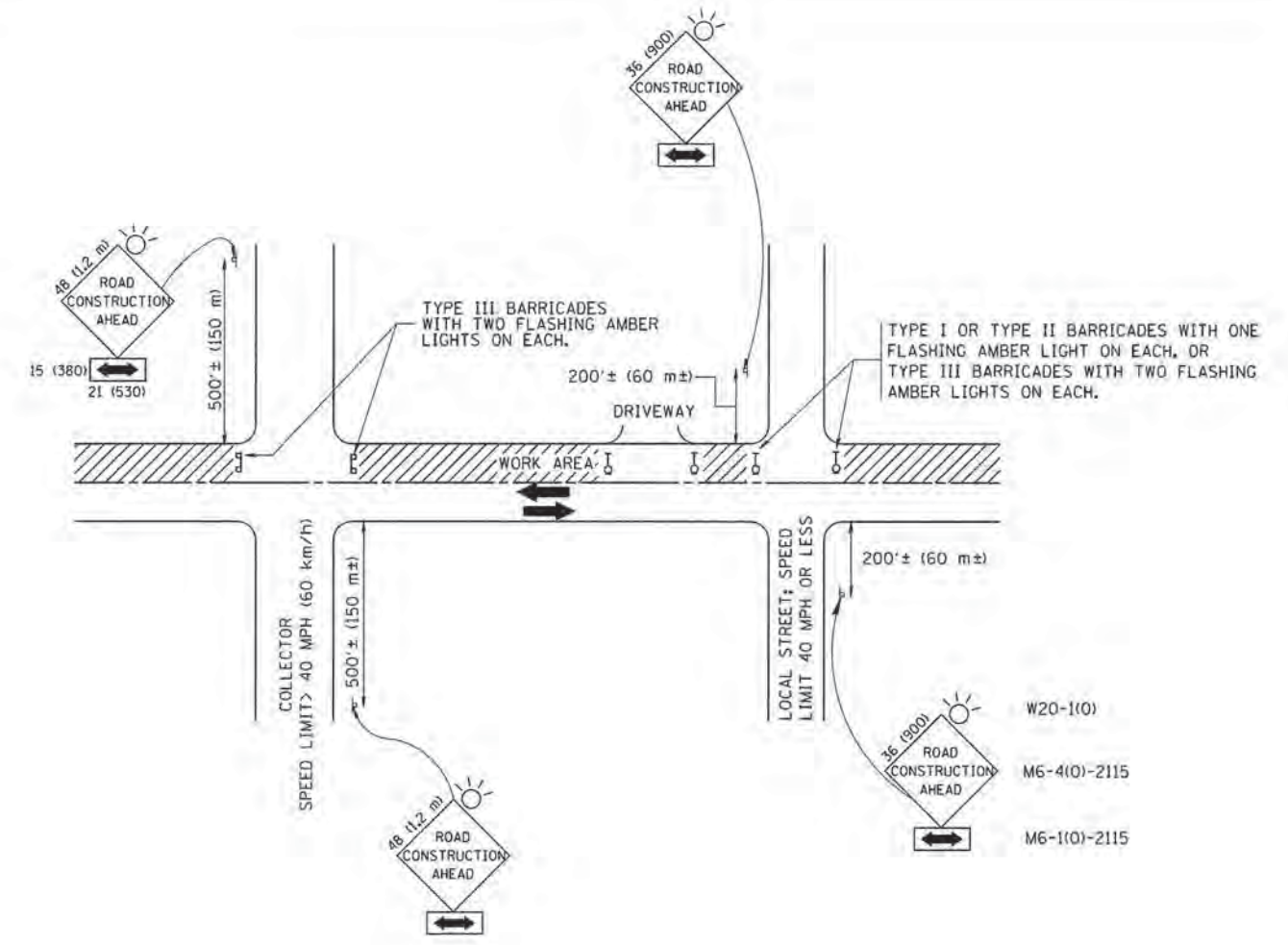
- A: MAINLINE ROADWAYS AND MAJOR SIDE ROADS.
  - B: MINOR SIDE ROADS.
  - C: THE TEMP. RAMP SHALL BE CONSTRUCTED IMMEDIATELY UPON REMOVAL OF THE EXISTING HMA SURFACE.
  - D: THE BUTT JOINT SHALL BE CONSTRUCTED IMMEDIATELY PRIOR TO PLACING THE PROPOSED HMA COURSES.
  - E: TAPER THE TEMP. RAMP AT A RATE OF 3'-0" (900 mm) PER 1 INCH (25 mm) OF MILLING THICKNESS.
  - F: INSTALLATION AND REMOVAL OF THE 4'-6" (1.35 m) TEMP. RAMP IS INCLUDED IN COST OF HMA SURFACE REMOVAL - BUTT JOINT
  - G: SEE ARTICLE 406.08 AND 406.14 OF THE STANDARD SPECIFICATIONS FOR "HMA AND/OR PCC SURFACE REMOVAL, BUTT JOINT".
- \* SEE TYPICAL SECTIONS FOR MILLING THICKNESS.
- \*\*\* 20'-0" (6.1 m) PER 1 (25) RESURFACING (NOTE "A")  
10'-0" (3.0 m) PER 1 (25) RESURFACING (NOTE "B")

BASIS OF PAYMENT:

THE BUTT JOINT WILL BE PAID FOR AT THE CONTRACT UNIT PRICE PER SQUARE YARD (SQUARE METER) FOR "HOT-MIX ASPHALT SURFACE REMOVAL - BUTT JOINT" OR FOR "PORTLAND CEMENT CONCRETE SURFACE REMOVAL - BUTT JOINT".

ALL DIMENSIONS ARE IN INCHES (MILLIMETERS) UNLESS OTHERWISE SHOWN.





TRAFFIC CONTROL AND PROTECTION FOR SIDE ROADS, INTERSECTIONS, AND DRIVEWAYS

NOTES:

- A. FOR NO LANE RESTRICTION ON THE SIDE ROAD OR DRIVEWAYS
  1. SIDE ROAD WITH A SPEED LIMIT OF 40 MPH (60 km/h) OR LESS AS SHOWN ON THE DRAWING AND AS DIRECTED BY THE ENGINEER:
    - a) ONE ROAD CONSTRUCTION AHEAD SIGN 36 x 36 (900x900) WITH A FLASHER AND FLAG MOUNTED ON IT APPROXIMATELY 200' (60 m) IN ADVANCE OF THE MAIN ROUTE.
    - b) THE CLOSED PORTION OF THE MAIN ROUTE SHALL BE PROTECTED BY BLOCKING WITH TYPE I, TYPE II OR TYPE III BARRICADES, 1/3 OF THE CROSS SECTION OF THE CLOSED PORTION.
  2. SIDE ROAD WITH A SPEED LIMIT GREATER THAN 40 MPH (60 km/h) AS SHOWN ON THE DRAWING AND AS DIRECTED BY THE ENGINEER:
    - a) ONE ROAD CONSTRUCTION AHEAD SIGN 48 x 48 (1.2 m x 1.2 m) WITH A FLASHER MOUNTED ON IT APPROXIMATELY 500' (150 m) IN ADVANCE OF THE MAIN ROUTE.
    - b) THE CLOSED PORTION OF THE MAIN ROUTE SHALL BE PROTECTED BY BLOCKING WITH TYPE III BARRICADES, 1/2 OF THE CROSS SECTION OF THE CLOSED PORTION.
  3. WHEN THE SIDE ROAD LIES BETWEEN THE BEGINNING OF THE MAINLINE SIGNING AND THE WORK ZONE, A SINGLE HEADED ARROW (M6-1) SHALL BE USED IN LIEU OF THE DOUBLE HEADED ARROW (M6-4).
- B. FOR A LANE CLOSURE ON A SIDE ROAD OR DRIVEWAY:
 

USE APPLICABLE PORTIONS OF THE TYPICAL APPLICATION OF TRAFFIC CONTROL DEVICES (STD. 701501, STD. 701606 OR THE APPROPRIATE STANDARD). THE SPACING OF SIGNS AND BARRICADES SHALL BE ADJUSTED FOR FIELD CONDITIONS AS DIRECTED BY THE ENGINEER. THE DIRECTIONAL ARROW SHALL BE COVERED OR REMOVED WHEN NO LONGER CONSISTENT WITH THE SIDE ROAD LANE CLOSURE.
- C. ADVANCE WARNING SIGNS ARE TO BE OMITTED ON DRIVEWAY UNLESS OTHERWISE NOTED.
- D. THE TRAFFIC CONTROL AND PROTECTION FOR SIDE ROADS, INTERSECTIONS, AND DRIVEWAYS SHALL BE INCIDENTAL TO THE COST OF SPECIFIED TRAFFIC CONTROL STANDARDS OR ITEMS.

All dimensions are in millimeters (inches) unless otherwise shown.

GHA GEWALT HAMILTON ASSOCIATES, INC.

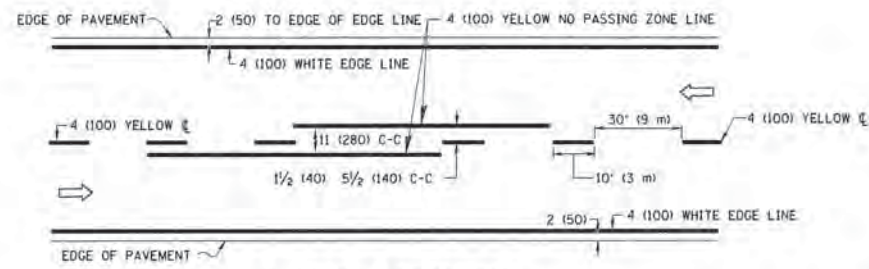
FILE NAME = 4477-StdDetails.dgn	USER NAME = mcolemar	DESIGNED - LHA	REVISED - J. OBERLE 10-18-95
GHA* 4477.025	PLOT SCALE = 1/1	DRAWN -	REVISED - A. HOUSEH 03-06-96
DDOT 01 STANDARD TC18	PLOT DATE = 1/25/2016	CHECKED -	REVISED - A. HOUSEH 10-15-96
		DATE - 06-89	REVISED - T. RAMMACHER 01-06-00

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

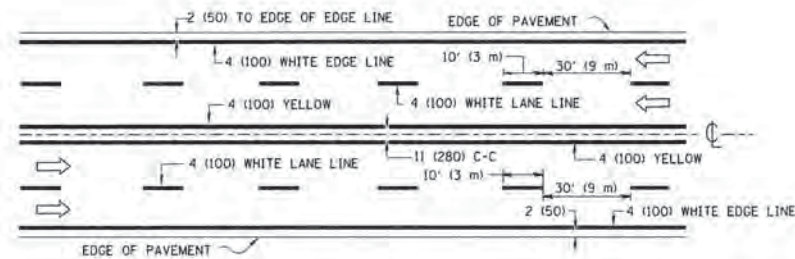
TRAFFIC CONTROL AND PROTECTION FOR SIDE ROADS, INTERSECTIONS, AND DRIVEWAYS			
SCALE: NONE	SHEET NO. 1	OF 1 SHEETS	STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
160	14-00030-00-R5	LAKE	213	166
TC-10			CONTRACT NO. 61C68	
ILLINOIS FED. AID PROJECT				

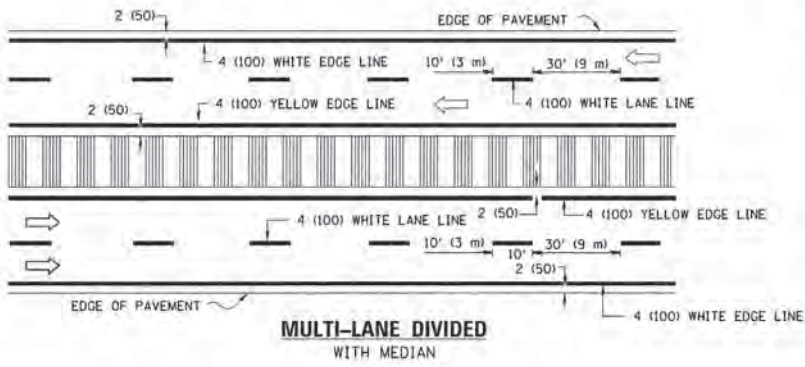




**2-LANE ROADWAY**

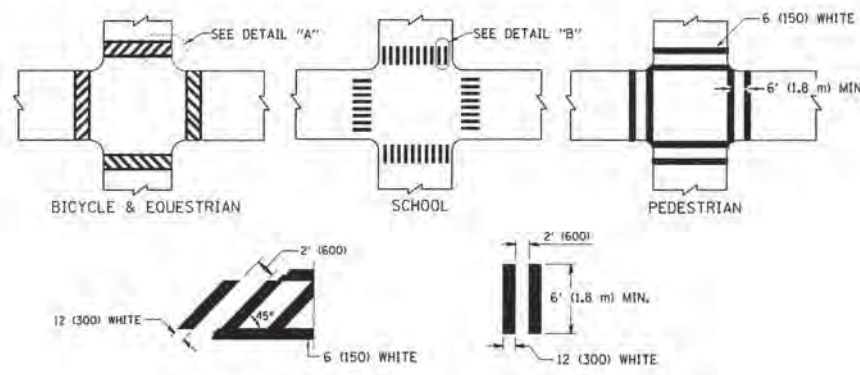


**MULTI-LANE UNDIVIDED**



**MULTI-LANE DIVIDED WITH MEDIAN**

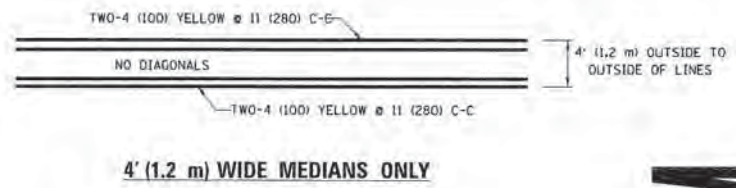
**TYPICAL LANE AND EDGE LINE MARKING**



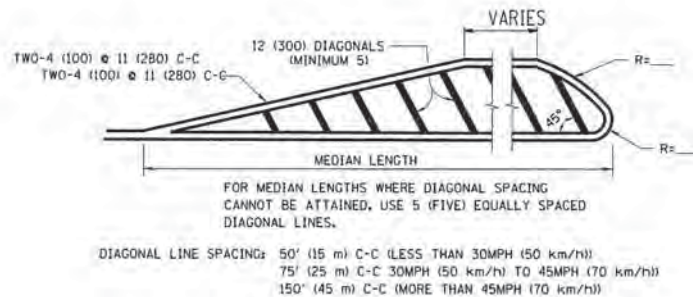
**DETAIL "A"      DETAIL "B"**

**TYPICAL CROSSWALK MARKING**

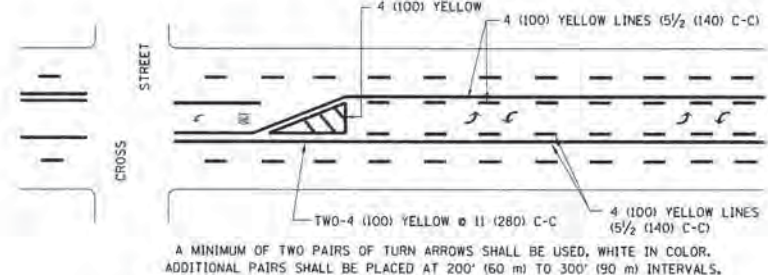
\* MARKINGS SHALL BE INSTALLED PARALLEL TO THE CENTERLINE OF THE ROAD WHICH IT CROSSES



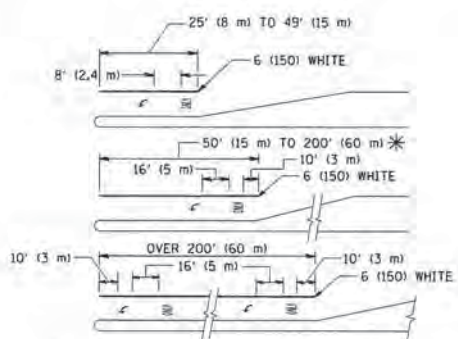
**4' (1.2 m) WIDE MEDIANS ONLY**



**MEDIANS OVER 4' (1.2 m) WIDE**



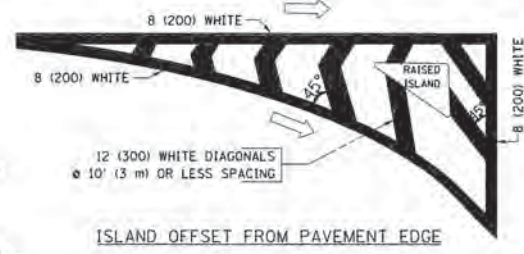
**MEDIAN WITH TWO-WAY LEFT TURN LANE  
TYPICAL PAINTED MEDIAN MARKING**



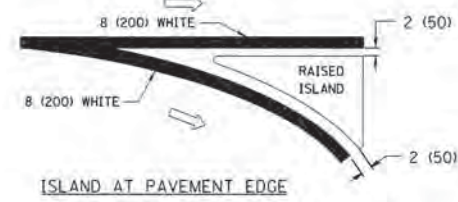
**TYPICAL LEFT (OR RIGHT) TURN LANE**

**TYPICAL TURN LANE MARKING**

FULL SIZE LETTERS 8" (2.4 m) AND ARROWS SHALL BE USED.  
AREA = 15.6 SQ. FT. (1.5 m<sup>2</sup>) ONLY AREA = 20.8 SQ. FT. (1.9 m<sup>2</sup>)  
\* TURN LANES IN EXCESS OF 400' (120 m) IN LENGTH MAY HAVE AN ADDITIONAL SET OF ARROW - "ONLY" INSTALLED MIDWAY BETWEEN THE OTHER TWO SETS OF ARROW - "ONLY".

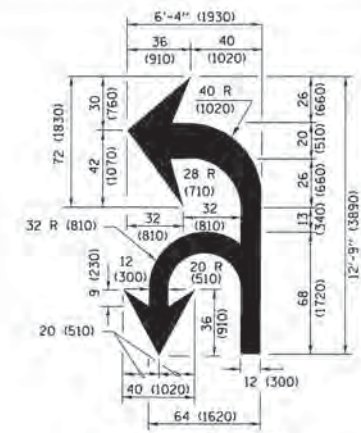


**ISLAND OFFSET FROM PAVEMENT EDGE**

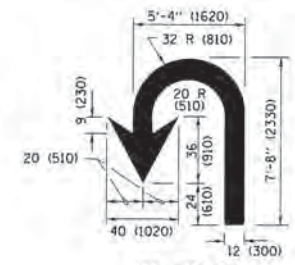


**ISLAND AT PAVEMENT EDGE**

**TYPICAL ISLAND MARKING**



**COMBINATION LEFT AND U-TURN**



**U-TURN**

**LANE REDUCTION TRANSITION**

\* LANE REDUCTION ARROWS REQUIRED AT SPEEDS OF 45 MPH OR GREATER OR WHEN SPECIFIED IN PLANS.

D(FT)	SPEED LIMIT
345	30
425	35
500	40
580	45
665	50
750	55

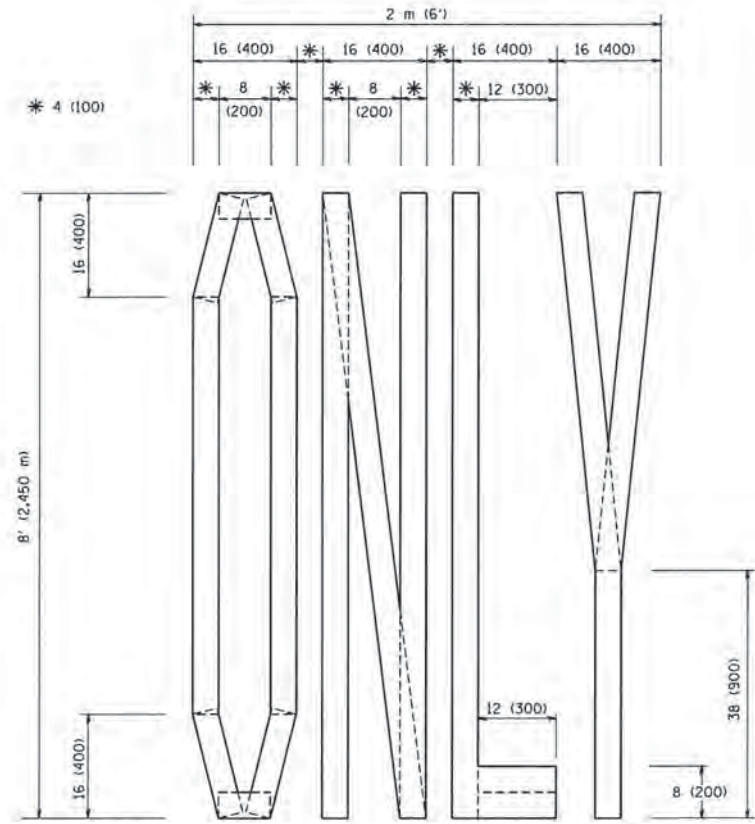
TYPE OF MARKING	WIDTH OF LINE	PATTERN	COLOR	SPACING /REMARKS
CENTERLINE ON 2 LANE PAVEMENT	4 (100)	SKIP-DASH	YELLOW	10' (3 m) LINE WITH 30' (9 m) SPACE
CENTERLINE ON MULTI-LANE UNDIVIDED PAVEMENT	2 @ 4 (100)	SOLID	YELLOW	11 (280) C-C
NO PASSING ZONE LINES; FOR ONE DIRECTION FOR BOTH DIRECTIONS	4 (100) 2 @ 4 (100)	SOLID SOLID	YELLOW YELLOW	5 1/2 (140) C-C FROM SKIP-DASH CENTERLINE 11 (280) C-C OMIT SKIP-DASH CENTERLINE BETWEEN
LANE LINES	4 (100) 5 (125) ON FREEWAYS	SKIP-DASH SKIP-DASH	WHITE WHITE	10' (3 m) LINE WITH 30' (9 m) SPACE
DOTTED LINES (EXTENSIONS OF CENTER, LANE OR TURN LANE MARKINGS)	SAME AS LINE BEING EXTENDED	SKIP-DASH	SAME AS LINE BEING EXTENDED	2' (600) LINE WITH 6' (1.8 m) SPACE
EDGE LINES	4 (100)	SOLID	YELLOW-LEFT WHITE-RIGHT	OUTLINE MEDIANS IN YELLOW
TURN LANE MARKINGS	6 (150) LINE; FULL SIZE LETTERS & SYMBOLS (8" (2.4m))	SOLID	WHITE	SEE TYPICAL TURN LANE MARKING DETAIL
TWO WAY LEFT TURN MARKING	2 @ 4 (100) EACH DIRECTION 8" (2.4m) LEFT ARROW	SKIP-DASH AND SOLID IN PAIRS	YELLOW WHITE	10' (3 m) LINE WITH 30' (9 m) SPACE FOR SKIP-DASH; 5 1/2 (140) C-C BETWEEN SOLID LINE AND SKIP-DASH LINE SEE TYPICAL TWO-WAY LEFT TURN MARKING DETAIL
CROSSWALK LINES (PEDESTRIAN) A. DIAGONALS (BIKE & EQUESTRIAN) B. LONGITUDINAL BARS (SCHOOL)	2 @ 6 (150) 12 (300) @ 45° 12 (300) @ 90°	SOLID SOLID SOLID	WHITE WHITE WHITE	NOT LESS THAN 6' (1.8 m) APART 2' (600) APART 2' (600) APART SEE TYPICAL CROSSWALK MARKING DETAILS.
STOP LINES	24 (600)	SOLID	WHITE	PLACE 4' (1.2 m) IN ADVANCE OF AND PARALLEL TO CROSSWALK, IF PRESENT, OTHERWISE, PLACE AT DESIRED STOPPING POINT, PARALLEL TO CROSSROAD CENTERLINE, WHERE POSSIBLE
PAINTED MEDIANS	2 @ 4 (100) WITH 12 (300) DIAGONALS @ 45° NO DIAGONALS USED FOR 4' (1.2 m) WIDE MEDIANS	SOLID	YELLOW; TWO WAY TRAFFIC WHITE; ONE WAY TRAFFIC	11 (280) C-C FOR THE DOUBLE LINE. SEE TYPICAL PAINTED MEDIAN MARKING.
GORE MARKING AND CHANNELIZING LINES	8 (200) WITH 12 (300) DIAGONALS @ 45°	SOLID	WHITE	DIAGONALS: 15' (4.5 m) C-C (LESS THAN 30MPH (50 km/h)) 20' (6 m) C-C 30MPH (50 km/h) TO 45MPH (70 km/h) 30' (9 m) C-C OVER 45MPH (70 km/h)
RAILROAD CROSSING	24 (600) TRANSVERSE LINES; "RR" 15' 6" (4.8 m) LETTERS; 16 (400) LINE FOR "X"	SOLID	WHITE	SEE STATE STANDARD 780001 AREA OF: "R"=3.6 SQ. FT. (0.33 m <sup>2</sup> ) EACH "X"=54.0 SQ. FT. (5.0 m <sup>2</sup> )
SHOULDER DIAGONALS (REQUIRED FOR SHOULDERS ≥ 8' )	12 (300) @ 45°	SOLID	WHITE - RIGHT YELLOW - LEFT	50' (15 m) C-C (LESS THAN 30MPH (50 km/h)) 75' (25 m) C-C 30 MPH (50 km/h) TO 45MPH (70 km/h) 150' (45 m) C-C OVER 45MPH (70 km/h)
U TURN ARROW	SEE DETAIL	SOLID	WHITE	16.3 SF
2 ARROW COMBINATION LEFT AND U TURN	SEE DETAIL	SOLID	WHITE	30.4 SF

FOR FURTHER DETAILS ON PAVEMENT MARKING REFER TO STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION AND STATE STANDARD 780001.

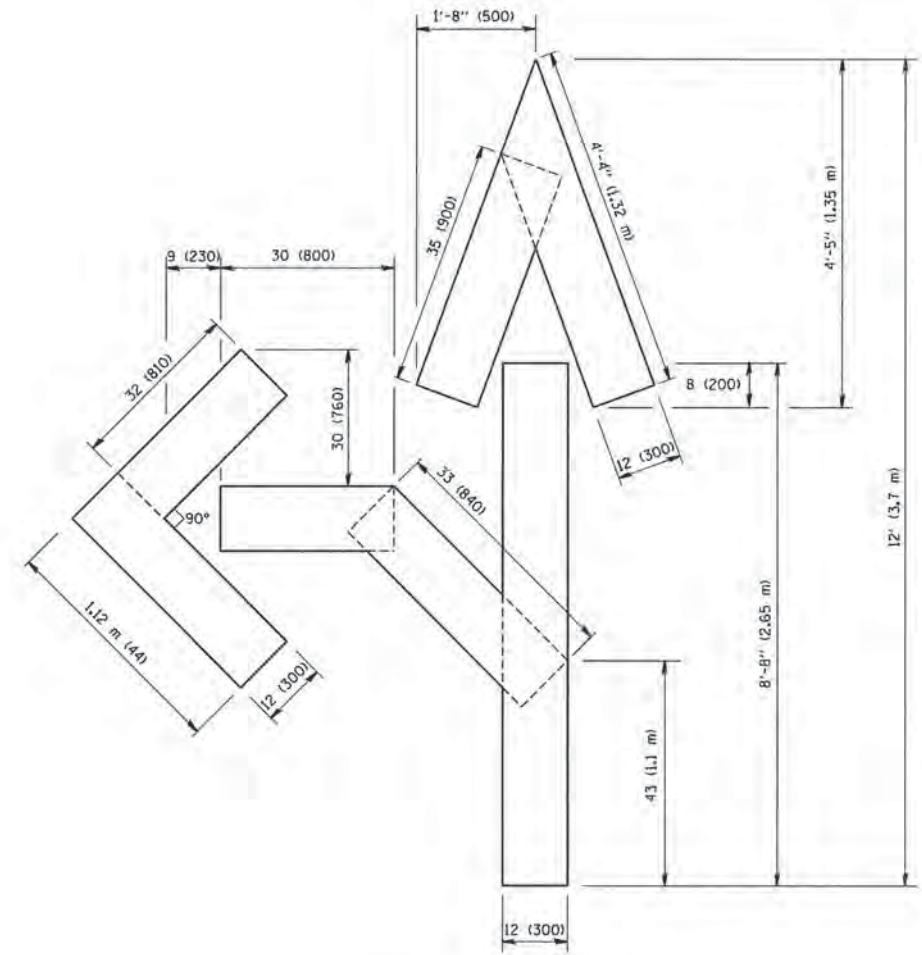
All dimensions are in inches (millimeters) unless otherwise shown.

**CHAMBERLAIN HAMILTON ASSOCIATES, INC.**

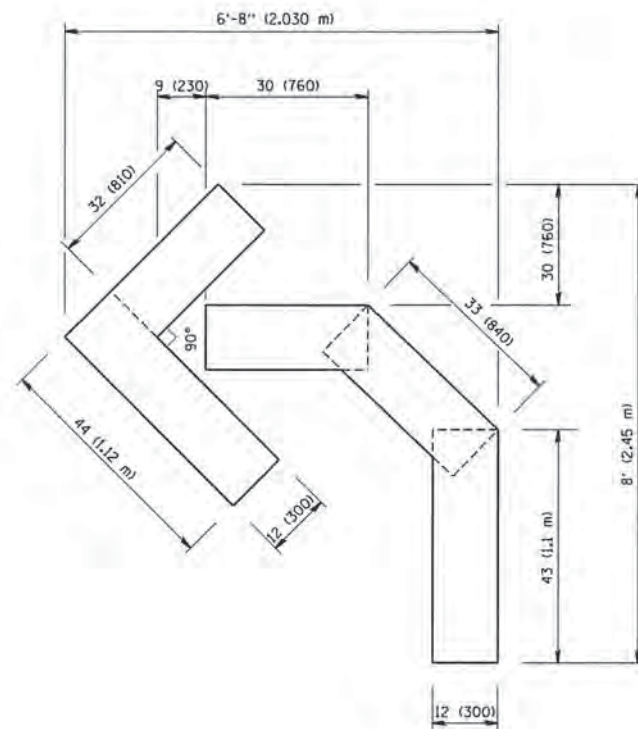




QUANTITY  
 4 (100) LINE = 64.1 ft. (19.7 m)  
 21.1 sq. ft. (1.97 sq. m)



QUANTITY  
 4 (100) LINE = 82.5 ft. (25.3 m)  
 27.5 sq. ft. (2.53 sq. m)



QUANTITY  
 4 (100) LINE = 45.5 ft. (13.9 m)  
 15.2 sq. ft. (1.39 sq. m)

All dimensions are in inches (millimeters) unless otherwise shown.



**ROUTE MARKERS**

FOR U.S. ROUTES  
MI-40-2424

FOR ILLINOIS ROUTES  
MI-50-2424

**MAIN STREET**  
R.R. UNMARKED ROUTES  
SPECIAL 24" x 18" VARIABLE  
4" BLACK LETTERS ON WHITE  
REFLECTIVE BACKGROUND

**ARROWS SIGNS**

M5-1L-2115

M5-1R-2115

M6-1-2115

M6-1-2115

M6-3-2115

**CARDINAL DIRECTION & DETOUR SIGNS**

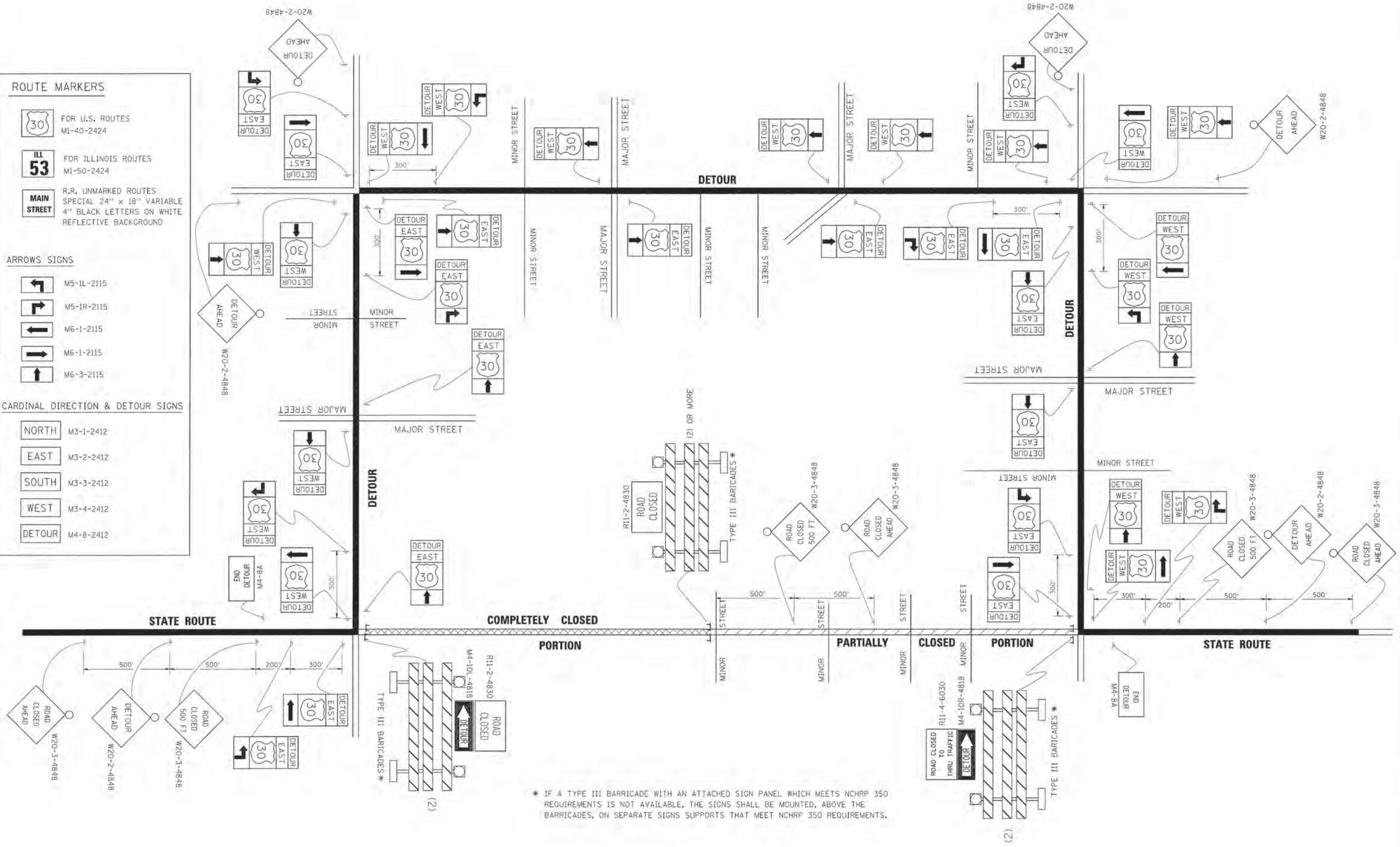
**NORTH** M3-1-2412

**EAST** M3-2-2412

**SOUTH** M3-3-2412

**WEST** M3-4-2412

**DETOUR** M4-8-2412



\* IF A TYPE III BARRICADE WITH AN ATTACHED SIGN PANEL WHICH MEETS NCHRP 350 REQUIREMENTS IS NOT AVAILABLE, THE SIGNS SHALL BE MOUNTED, ABOVE THE BARRICADES, ON SEPARATE SIGNS SUPPORTS THAT MEET NCHRP 350 REQUIREMENTS.

FILE NAME = 4477-StdDetails.dgn  
GHA\* 4477.025  
IDOT DI STANDARD TC21

USER NAME = mcolemar  
PLOT SCALE = 1:1  
PLOT DATE = 2/8/2016

DESIGNED -  
DRAWN -  
CHECKED -  
DATE -

REVISED - 10-16-02  
REVISED - R. BORO 09-14-09  
REVISED -  
REVISED -

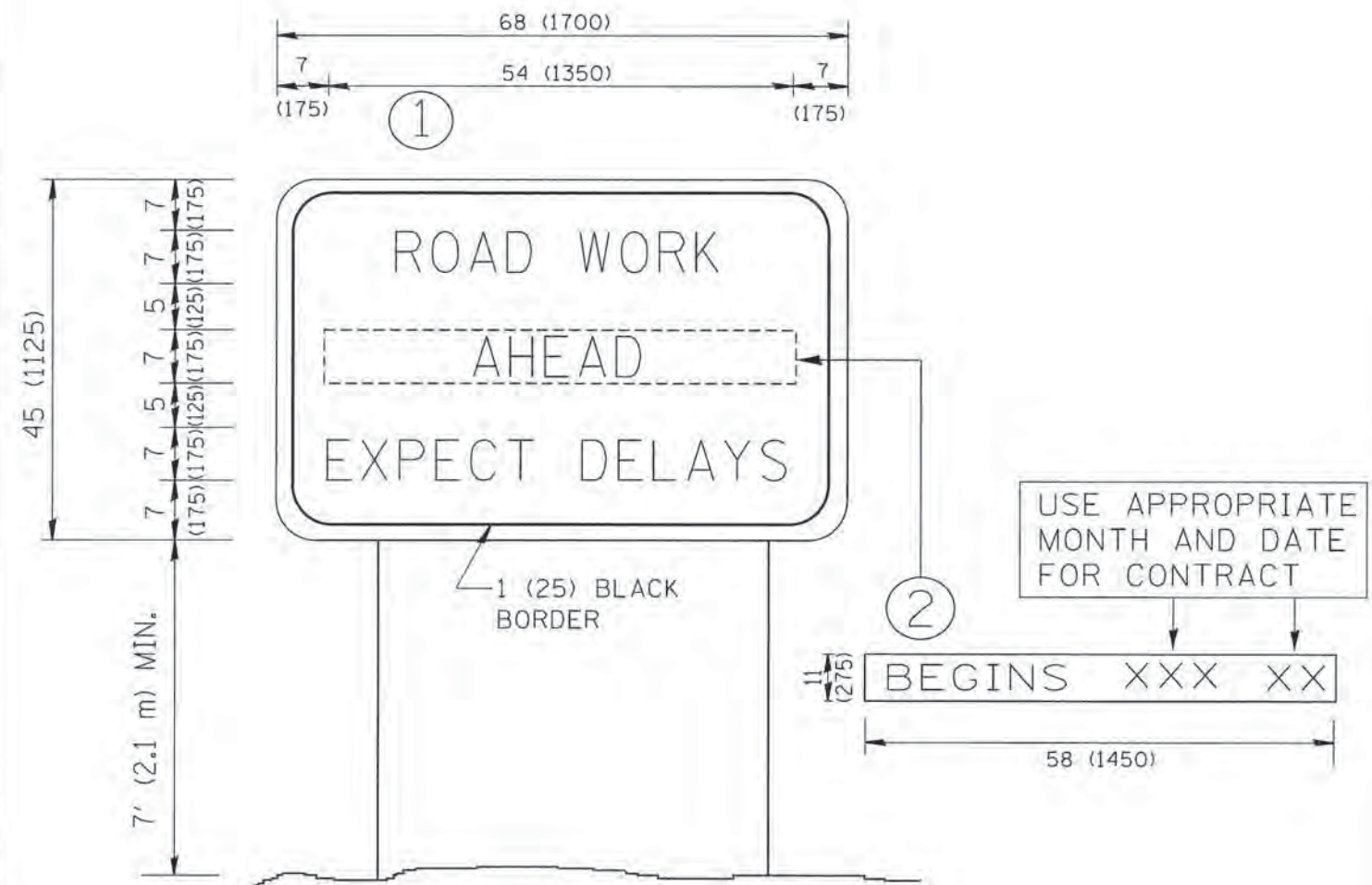
**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**DETOUR SIGNING  
FOR CLOSING STATE HIGHWAYS**

SCALE: NONE SHEET NO. 1 OF 1 SHEETS STA. TO STA.

F.A.U. RTE. 160	SECTION 14-00030-00-RS	COUNTY LAKE	TOTAL SHEETS 213	SHEET NO. 168A
TC-21		CONTRACT NO. 61C68		
ILLINOIS FED. AID PROJECT				





**NOTES:**

1. USE BLACK LETTERING ON ORANGE BACKGROUND.
2. ERECT SIGNS IN ADVANCE OF THE LOCATION FOR THE "ROAD CONSTRUCTION AHEAD" SIGN AT LOCATIONS AS DIRECTED BY THE ENGINEER.
3. ERECT SIGN ① WITH INSTALLED PANEL ② ONE WEEK PRIOR TO THE START OF CONSTRUCTION.
4. REMOVE PANEL ② SOON AFTER THE START OF CONSTRUCTION.
5. SEE SPECIAL PROVISION FOR "TEMPORARY INFORMATION SIGNING" FOR ADDITIONAL INFORMATION.
6. ONE SIGN ASSEMBLY EQUALS 25.70 SQ. FT. (2.3 SQ. M.)
7. SHALL BE PAID FOR AS TEMPORARY INFORMATION SIGNING.

ALL DIMENSIONS ARE IN INCHES (MILLIMETERS) UNLESS OTHERWISE SHOWN.

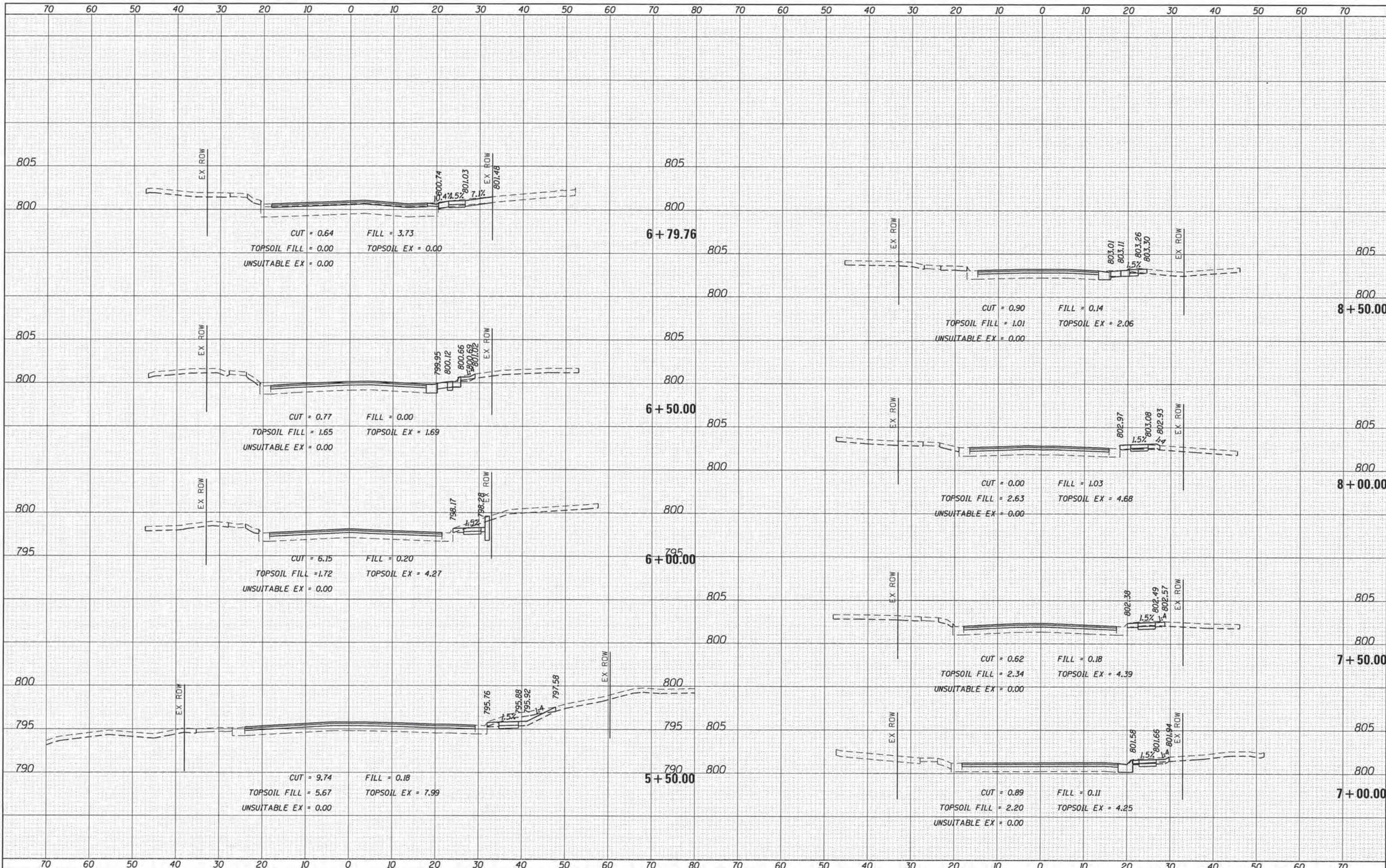
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DHA* 4477.025		DRAWN -	REVISED - R. MIRS 12-11-97
1001 DI STANDARD TC22	PLOT SCALE = 1:1	CHECKED -	REVISED - T. RAMMACHER 02-02-99
	PLOT DATE = 1/25/2016	DATE -	REVISED - C. JUCIUS 01-31-07

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
160	14-00030-00-RS	LAKE	213	169
TC-22			CONTRACT NO. 61C68	
ILLINOIS FED. AID PROJECT				



DATE \_\_\_\_\_  
 BY \_\_\_\_\_  
 SURVEYED \_\_\_\_\_  
 PLOTTED \_\_\_\_\_  
 NOTE BOOK \_\_\_\_\_  
 TEMPLATE \_\_\_\_\_  
 AREAS CHECKED \_\_\_\_\_

DATE \_\_\_\_\_  
 BY \_\_\_\_\_  
 SURVEYED \_\_\_\_\_  
 PLOTTED \_\_\_\_\_  
 NOTE BOOK \_\_\_\_\_  
 TEMPLATE \_\_\_\_\_  
 AREAS CHECKED \_\_\_\_\_



FILE NAME = D:\12345-xsc-m1.sheets.dgn  
 GHA\* 4477.025  
 XS.SHEET\_temporary\_model\_name.1

USER NAME = mcolemn  
 DESIGNED - MAC  
 DRAWN - ZCW  
 CHECKED - KLB  
 DATE -  
 REVISED -  
 REVISED -  
 REVISED -  
 REVISED -

**STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION**

**CROSS SECTIONS  
 BECK ROAD**  
 SCALE: 1"=10'  
 SHEET 1 OF 44 SHEETS  
 STA. 5+50.00 TO STA. 8+50.00

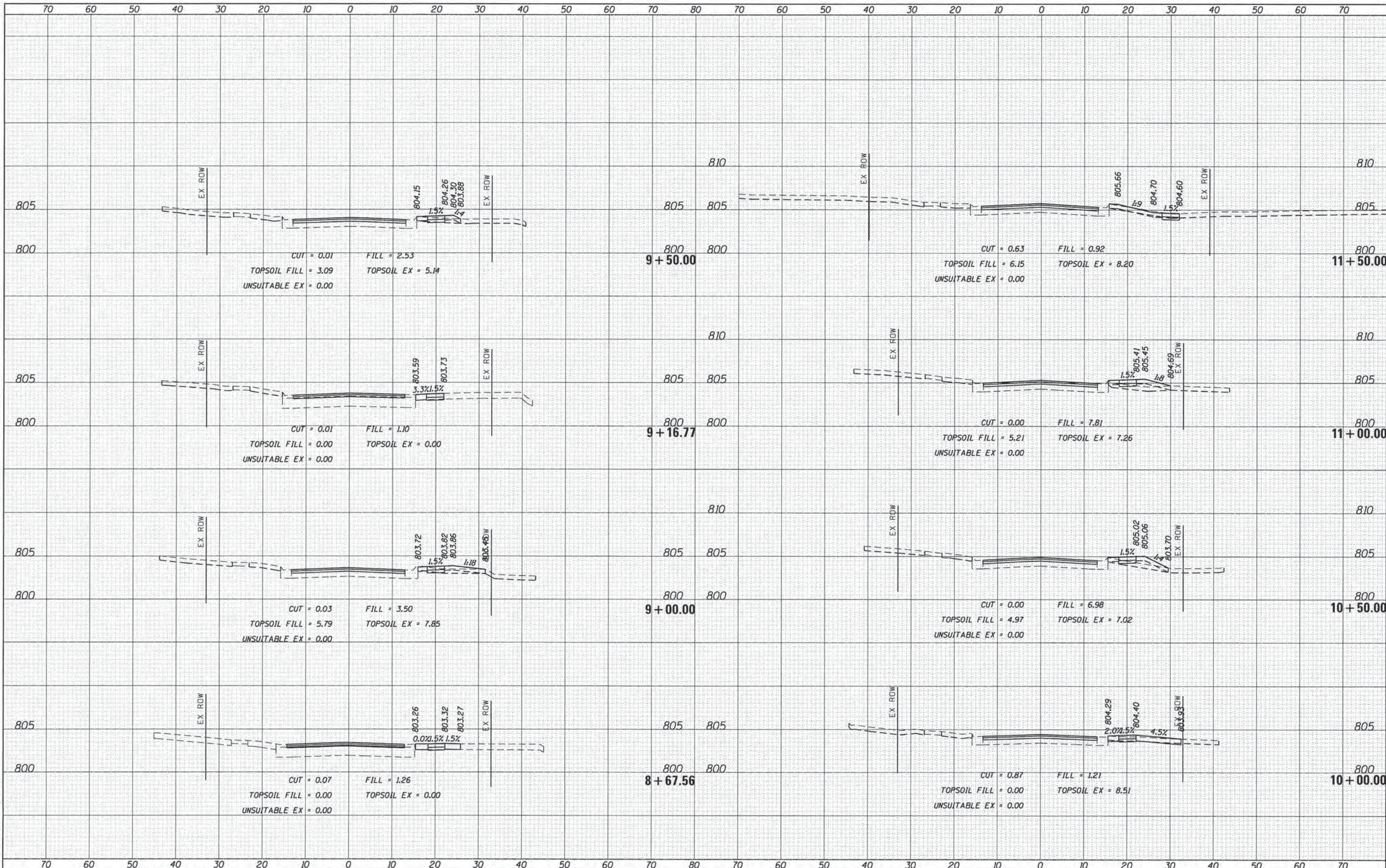
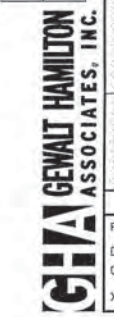
F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
160	14-00030-00-RS	LAKE	213	170

CONTRACT NO. 61C68  
 ILLINOIS FED. AID PROJECT



DATE: \_\_\_\_\_  
 BY: \_\_\_\_\_  
 SURVEYED \_\_\_\_\_  
 PLOTTED \_\_\_\_\_  
 NOTE BOOK \_\_\_\_\_  
 TEMPLATE \_\_\_\_\_  
 AREAS CHECKED \_\_\_\_\_

DATE: \_\_\_\_\_  
 BY: \_\_\_\_\_  
 SURVEYED \_\_\_\_\_  
 PLOTTED \_\_\_\_\_  
 NOTE BOOK \_\_\_\_\_  
 TEMPLATE \_\_\_\_\_  
 AREAS CHECKED \_\_\_\_\_



FILE NAME = D:\12345-xsc-m\1.sheets.dgn  
 GHA\* 4477.025  
 XS.SHEET\_temporary\_model\_name\_2

USER NAME = mcolemar  
 PLOT SCALE = 1:10  
 PLOT DATE = 1/25/2016

DESIGNED - MAC  
 DRAWN - ZCW  
 CHECKED - KLB  
 DATE -

REVISED -  
 REVISED -  
 REVISED -  
 REVISED -

STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION

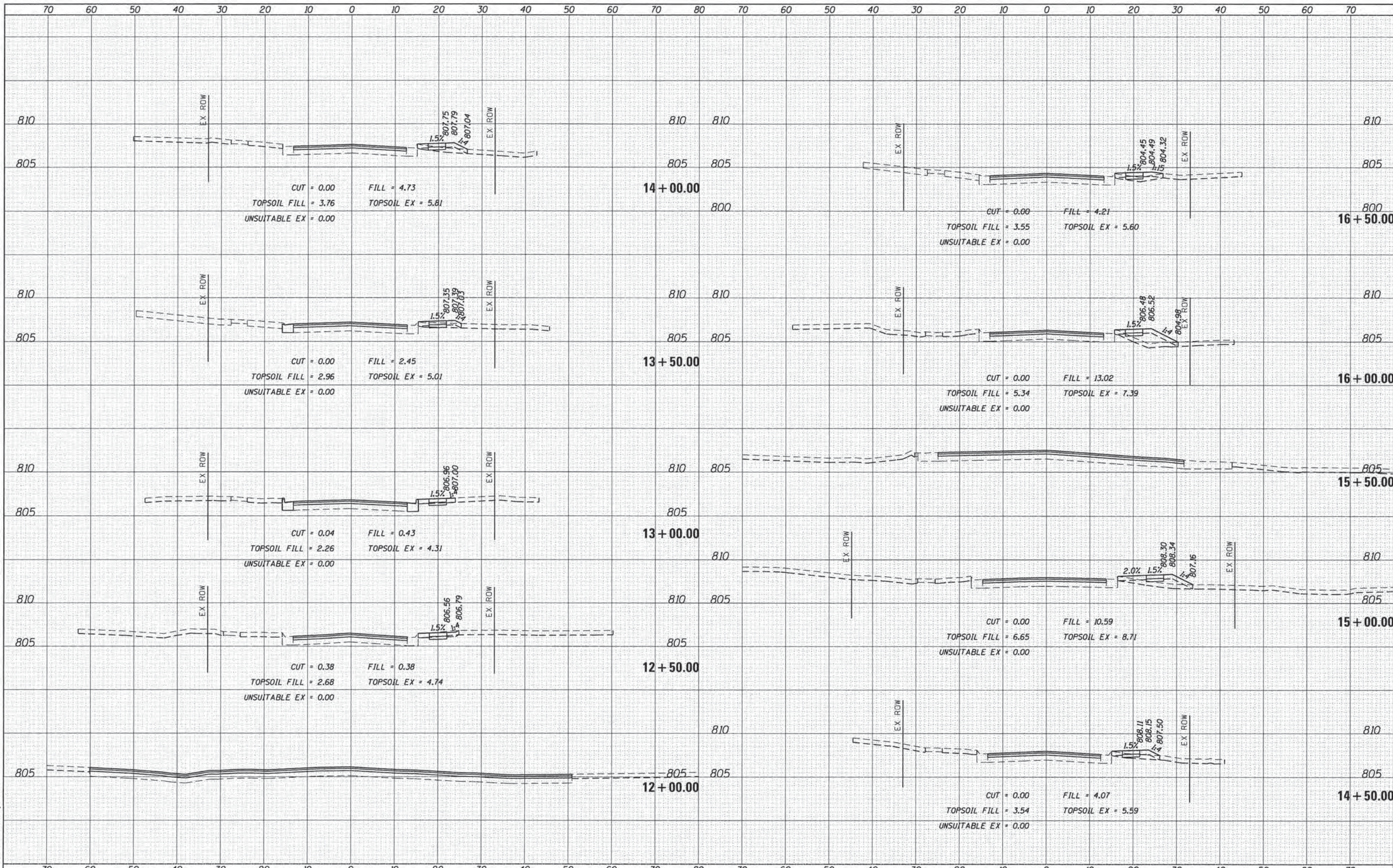
CROSS SECTIONS  
 BECK ROAD  
 SCALE: 1"=10'  
 SHEET 2 OF 44 SHEETS  
 STA. 8+67.56 TO STA. 11+50.00

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
160	14-00030-00-RS	LAKE	213	171
CONTRACT NO. 61C68				
ILLINOIS FED. AID PROJECT				



DATE: \_\_\_\_\_  
 BY: \_\_\_\_\_  
 SURVEYED \_\_\_\_\_  
 PLOTTED \_\_\_\_\_  
 NOTE BOOK \_\_\_\_\_  
 TEMPLATE \_\_\_\_\_  
 AREAS CHECKED \_\_\_\_\_  
 NO. \_\_\_\_\_

DATE: \_\_\_\_\_  
 BY: \_\_\_\_\_  
 SURVEYED \_\_\_\_\_  
 PLOTTED \_\_\_\_\_  
 NOTE BOOK \_\_\_\_\_  
 TEMPLATE \_\_\_\_\_  
 AREAS CHECKED \_\_\_\_\_  
 NO. \_\_\_\_\_



FILE NAME = D:\12345-xsc-m\1.sheets.dgn  
 GHA\* 4477.025  
 XS.SHEET\_temporary\_model\_name.3

USER NAME = moaleman	DESIGNED - MAC	REVISED -
PLOT SCALE = 1:100	DRAWN - ZCW	REVISED -
PLOT DATE = 1/25/2016	CHECKED - KLB	REVISED -
	DATE -	REVISED -

**STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION**

**CROSS SECTIONS  
 BECK ROAD**

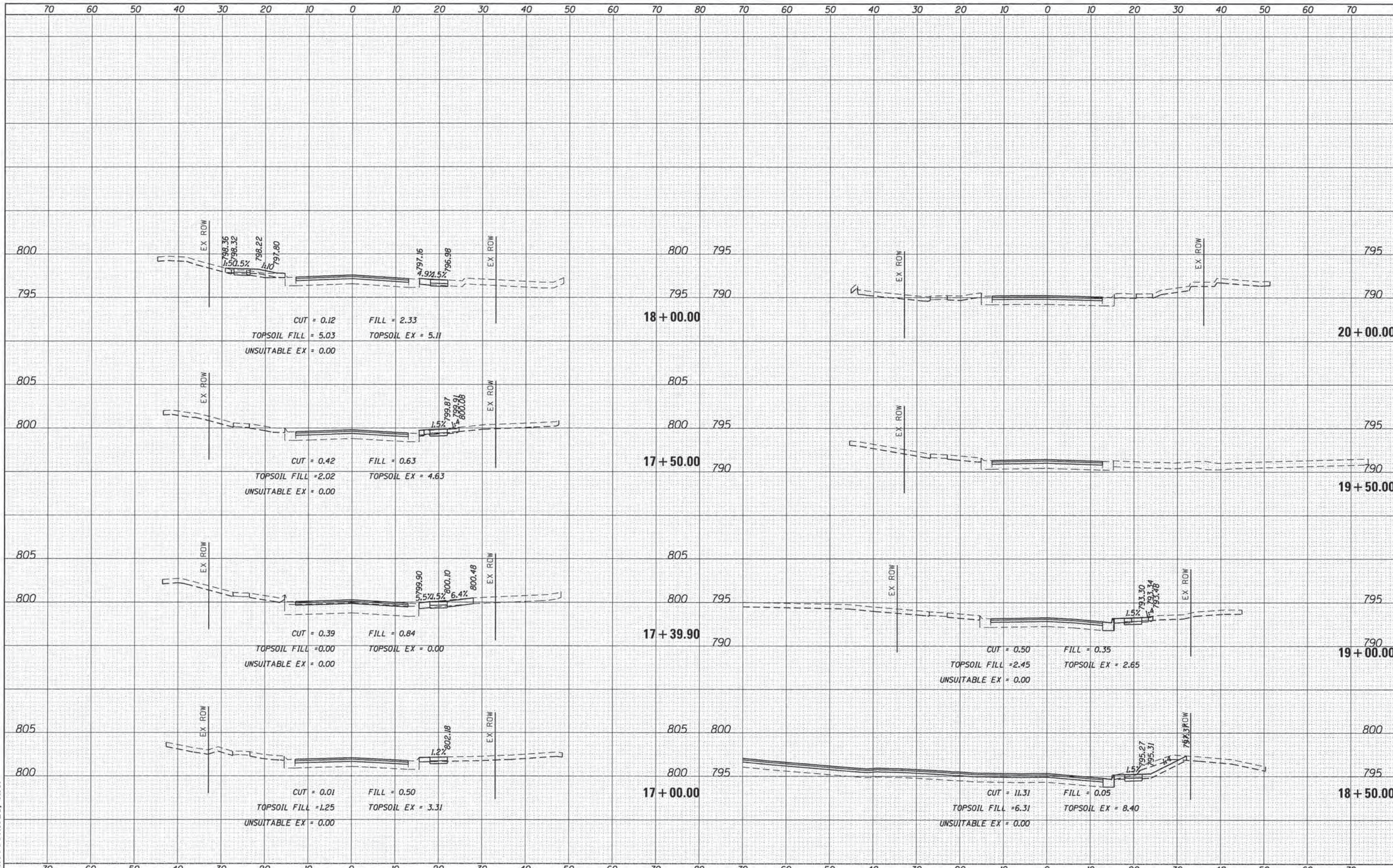
SCALE: 1"=10'    SHEET 3 OF 44 SHEETS    STA. 12+00.00 TO STA. 16+50.00

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
160	14-00030-00-RS	LAKE	213	172
CONTRACT NO. 61C68				
ILLINOIS FED. AID PROJECT				



DATE	
BY	
FINISHED	
SURVEYED	
PLOTTED	
NOTE BOOK	
AREAS CHECKED	

DATE	
BY	
ORIGINAL	
SURVEY	
PLOTTED	
NOTE BOOK	
AREAS CHECKED	



FILE NAME = D:\12345-xsc-ml-sheets.dgn  
 GHA\* 4477.025  
 XS.SHEET\_temporary\_model\_name\_4

USER NAME = moalman  
 PLLOT SCALE = 1:10  
 PLLOT DATE = 1/25/2016

DESIGNED - MAC  
 DRAWN - ZCW  
 CHECKED - KLB  
 DATE -

REVISED -  
 REVISED -  
 REVISED -  
 REVISED -

STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION

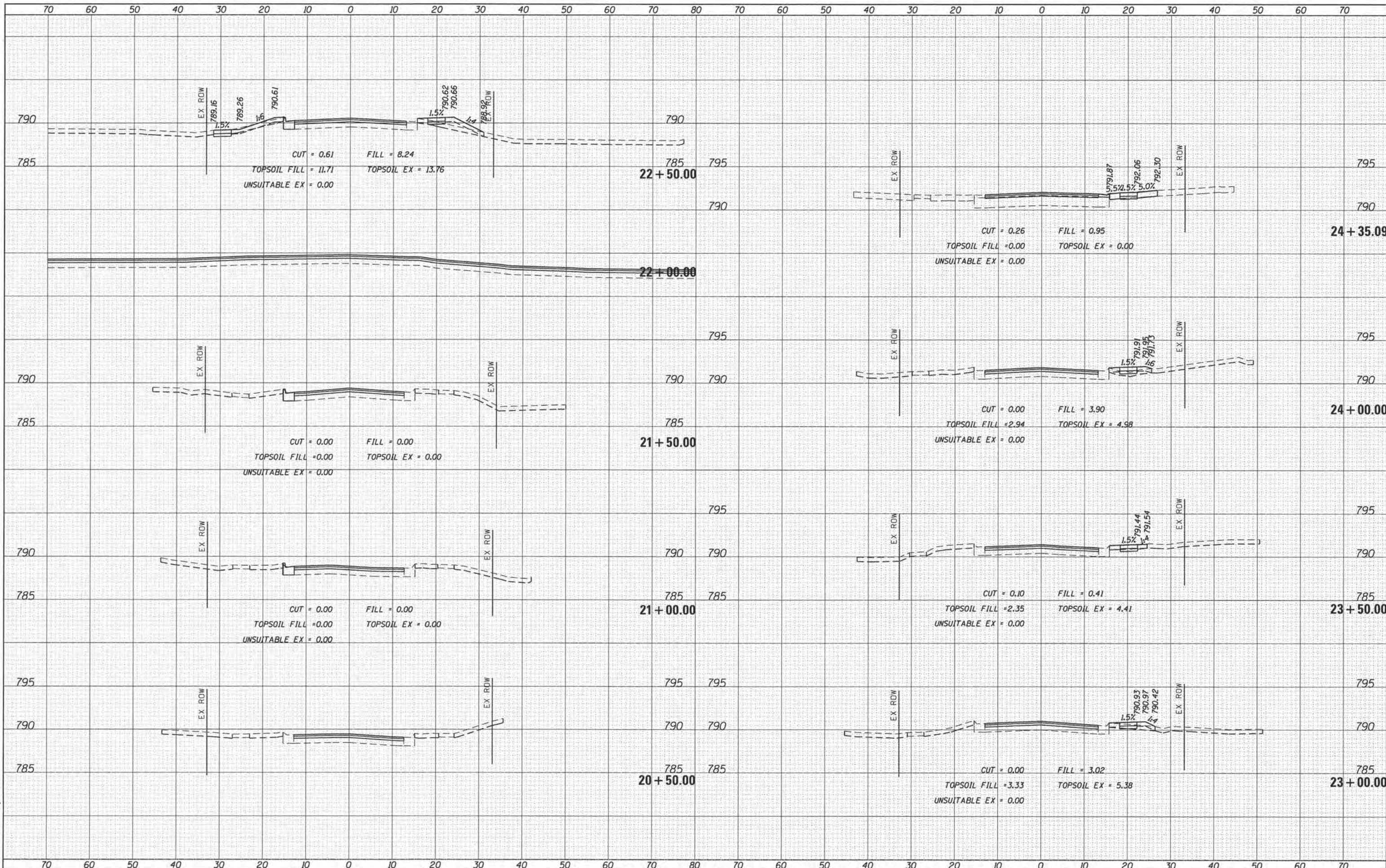
CROSS SECTIONS  
 BECK ROAD  
 SCALE: 1"=10'  
 SHEET 4 OF 44 SHEETS  
 STA. 17+00.00 TO STA. 20+00.00

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
160	14-00030-00-RS	LAKE	213	173
CONTRACT NO. 61C68			ILLINOIS FED. AID PROJECT	



DATE	
BY	
SURVEYED	
PLOTTED	
NOTE BOOK	
AREAS CHECKED	

DATE	
BY	
SURVEYED	
PLOTTED	
NOTE BOOK	
AREAS CHECKED	



FILE NAME = D:\12345-xsc-m1.sheets.dgn  
 USER NAME = mcaleman  
 PLOT SCALE = 1:10  
 PLOT DATE = 1/25/2016

DESIGNED - MAC  
 DRAWN - ZCW  
 CHECKED - KLB  
 DATE -

REVISED -  
 REVISED -  
 REVISED -  
 REVISED -

STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION

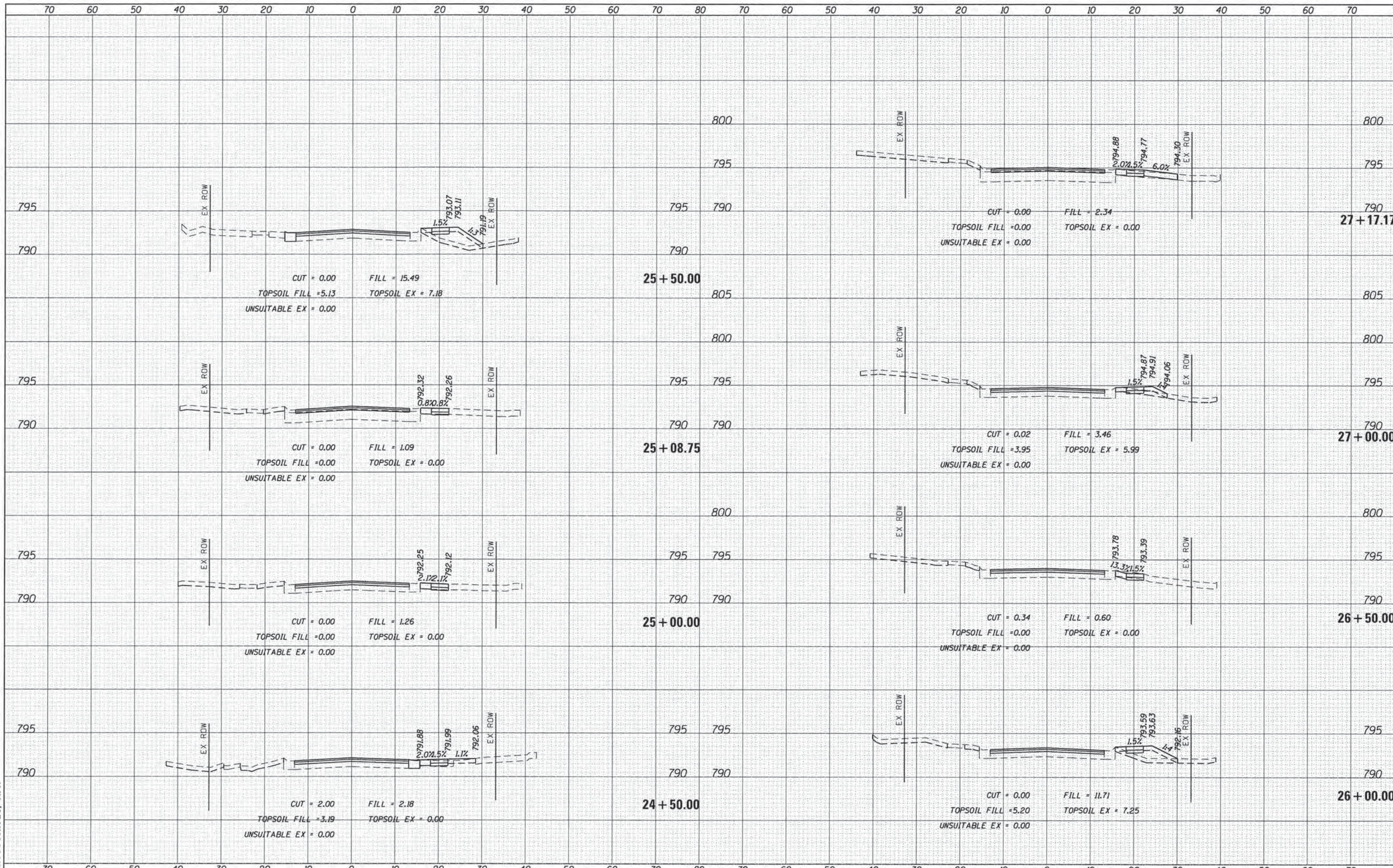
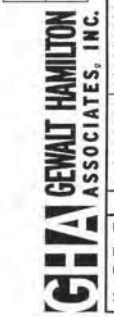
CROSS SECTIONS  
 BECK ROAD  
 SCALE: 1"=10'  
 SHEET 5 OF 44 SHEETS  
 STA. 20+50.00 TO STA. 24+35.09

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
160	14-00030-00-RS	LAKE	213	174
CONTRACT NO. 61C68				
ILLINOIS FED. AID PROJECT				



DATE	
BY	
SURVEYED	
PLOTTED	
NOTE BOOK	
AREAS CHECKED	

DATE	
BY	
ORIGINAL SURVEY	
PLOTTED	
NOTE BOOK	
AREAS CHECKED	



FILE NAME = D:\12345-xsc\ml\_sheets.dgn  
 USER NAME = mcoleman  
 GHA\* 4477.025  
 XS\_SHEET\_temporary\_model\_name\_6

DESIGNED - MAC  
 DRAWN - ZCW  
 CHECKED - KLB  
 DATE -

REVISED -  
 REVISED -  
 REVISED -  
 REVISED -

STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION

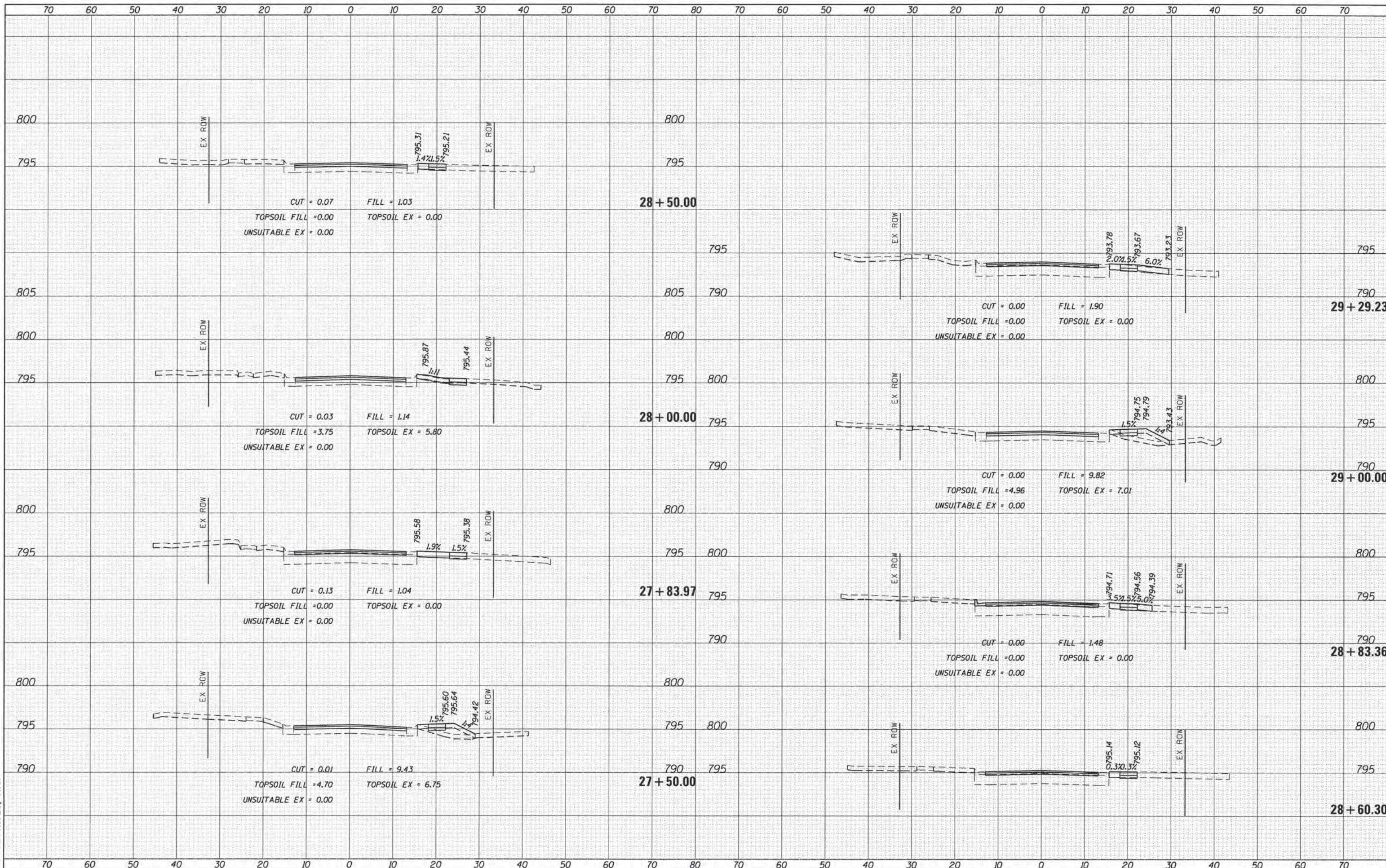
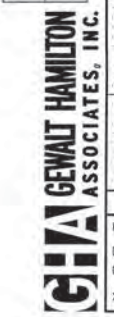
CROSS SECTIONS  
 BECK ROAD  
 SCALE: 1"=10'  
 SHEET 6 OF 44 SHEETS  
 STA. 24+50.00 TO STA. 27+17.17

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
160	14-00030-00-RS	LAKE	213	175
CONTRACT NO. 61C68			ILLINOIS FED. AID PROJECT	



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

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



FILE NAME = D:\12345-xsc\ml\_sheets.dgn  
 USER NAME = mcolman  
 GHA\* 4477.025  
 X5\_SHEET\_temporary\_model\_name\_7

DESIGNED - MAC  
 DRAWN - ZCW  
 CHECKED - KLB  
 DATE -

REVISED -  
 REVISED -  
 REVISED -  
 REVISED -

STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION

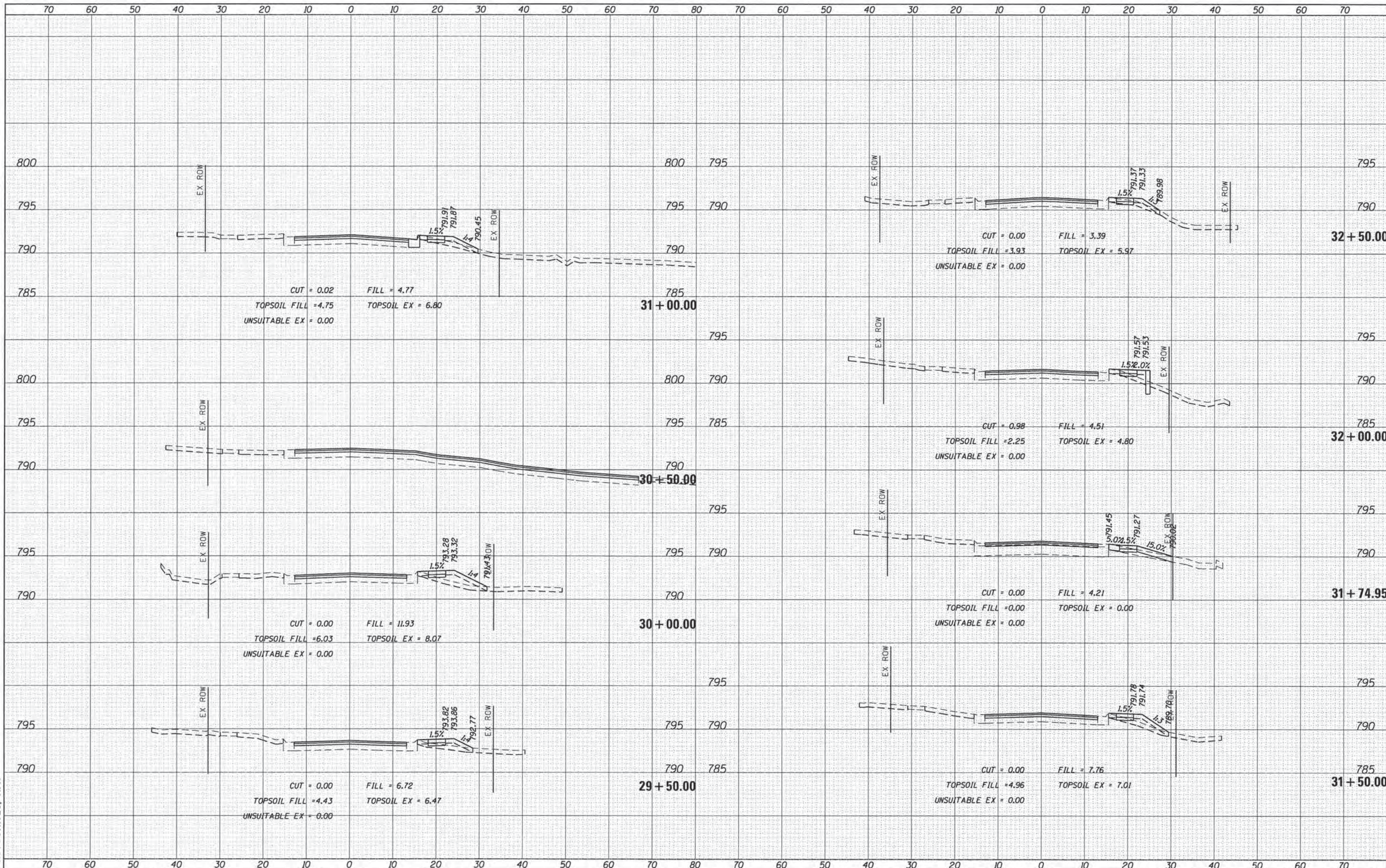
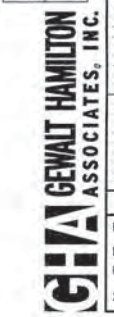
CROSS SECTIONS  
 BECK ROAD  
 SCALE: 1"=10'  
 SHEET 7 OF 44 SHEETS  
 STA. 27+50.00 TO STA. 29+29.23

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
160	14-00030-00-R5	LAKE	213	176
CONTRACT NO. 61C68				
ILLINOIS FED. AID PROJECT				



DATE: \_\_\_\_\_  
 BY: \_\_\_\_\_  
 SURVEYED \_\_\_\_\_  
 PLOTTED \_\_\_\_\_  
 TEMPLATE \_\_\_\_\_  
 NO. \_\_\_\_\_  
 ORIGINAL SURVEY \_\_\_\_\_  
 NOTE BOOK \_\_\_\_\_  
 MARKS \_\_\_\_\_  
 AREAS CHECKED \_\_\_\_\_

DATE: \_\_\_\_\_  
 BY: \_\_\_\_\_  
 SURVEYED \_\_\_\_\_  
 PLOTTED \_\_\_\_\_  
 TEMPLATE \_\_\_\_\_  
 NO. \_\_\_\_\_  
 ORIGINAL SURVEY \_\_\_\_\_  
 NOTE BOOK \_\_\_\_\_  
 MARKS \_\_\_\_\_  
 AREAS CHECKED \_\_\_\_\_



FILE NAME = D:\12345-xsc-ml-sheets.dgn  
 GHA\* 4477.025  
 XS\_SHEET\_temporary\_model\_name\_8

USER NAME = moalman  
 DESIGNED - MAC  
 DRAWN - ZCW  
 CHECKED - KLB  
 DATE -

REVISED -  
 REVISED -  
 REVISED -  
 REVISED -

STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION

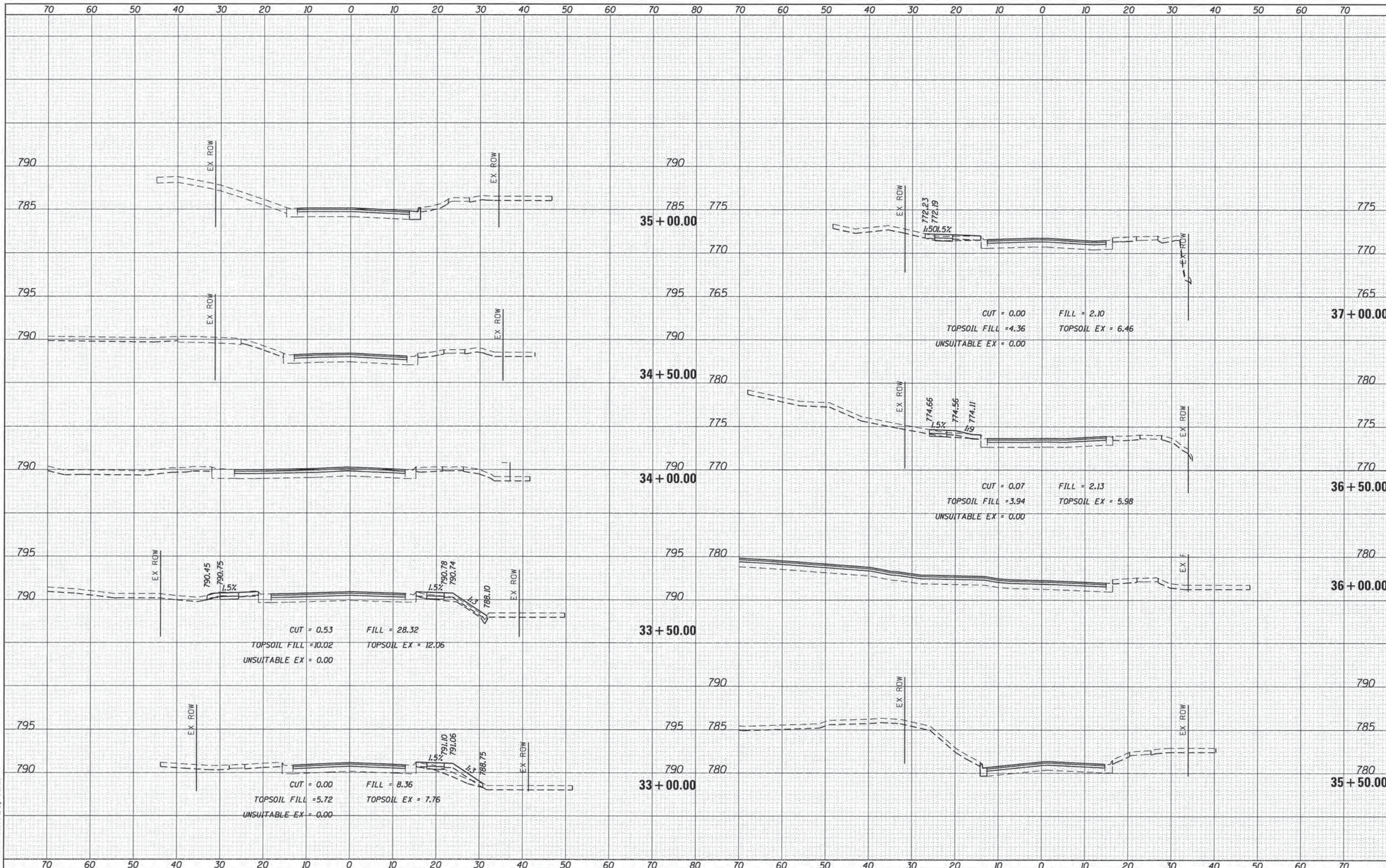
CROSS SECTIONS  
 BECK ROAD  
 SCALE: 1"=10'  
 SHEET 8 OF 44 SHEETS  
 STA. 29+50.00 TO STA. 32+50.00

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
160	14-00030-00-R5	LAKE	213	177
CONTRACT NO. 61C68				
ILLINOIS FED. AID PROJECT				



DATE	
BY	
FINAL SURVEY	
PLOTTED	
NOTE BOOK	
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DATE	
BY	
ORIGINAL SURVEY	
PLOTTED	
NOTE BOOK	
NO.	



CUT = 0.53      FILL = 28.32  
 TOPSOIL FILL = 10.02      TOPSOIL EX = 12.06  
 UNSUITABLE EX = 0.00

CUT = 0.00      FILL = 8.36  
 TOPSOIL FILL = 5.72      TOPSOIL EX = 7.76  
 UNSUITABLE EX = 0.00

CUT = 0.00      FILL = 2.10  
 TOPSOIL FILL = 4.36      TOPSOIL EX = 6.46  
 UNSUITABLE EX = 0.00

CUT = 0.07      FILL = 2.13  
 TOPSOIL FILL = 3.94      TOPSOIL EX = 5.98  
 UNSUITABLE EX = 0.00

FILE NAME = D:\12345\wsc\ml\sheets.dgn  
 GHA\* 4477.025  
 XS\_SHEET\_temporary\_model\_name\_9

USER NAME = moaleman  
 PLOT SCALE = 1:10  
 PLOT DATE = 1/25/2016

DESIGNED - MAC  
 DRAWN - ZCW  
 CHECKED - KLB  
 DATE -

REVISED -  
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STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION

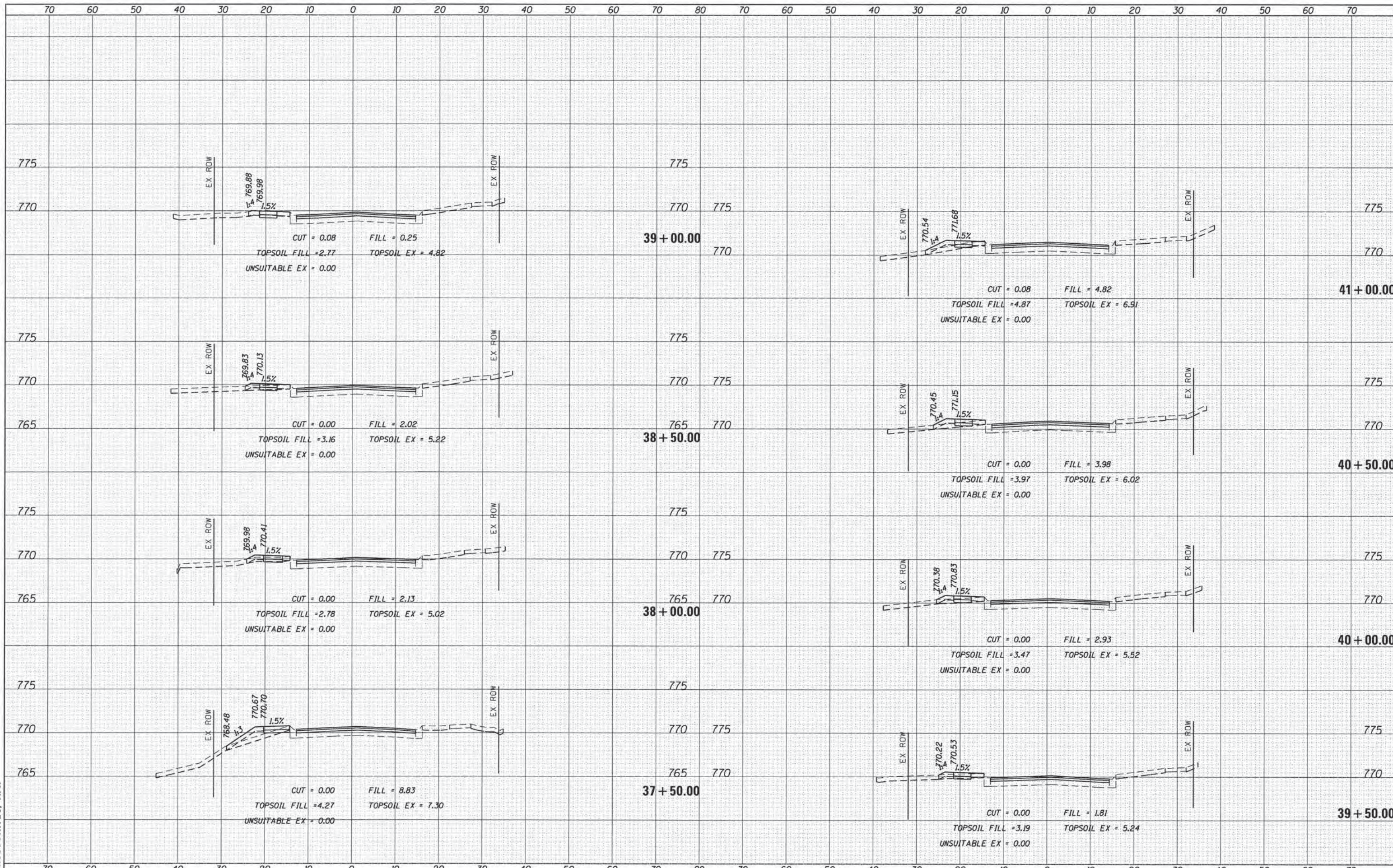
CROSS SECTIONS  
 BECK ROAD  
 SCALE: 1"=10'  
 SHEET 9 OF 44 SHEETS  
 STA. 33+00.00 TO STA. 37+00.00

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
160	14-00030-00-RS	LAKE	213	178
CONTRACT NO. 61C68				
ILLINOIS FED. AID PROJECT				



DATE	
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TEMPLATE	
NOTE BOOK	
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DATE	
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SURVEYED	
PLOTTED	
TEMPLATE	
NOTE BOOK	
AREAS CHECKED	



FILE NAME = D:\12345-xsc-ml-sheets.dgn  
 USER NAME = macgman  
 PLOT SCALE = 1:10  
 PLOT DATE = 1/25/2016

DESIGNED - MAC  
 DRAWN - ZCW  
 CHECKED - KLB  
 DATE -

REVISED -  
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**STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION**

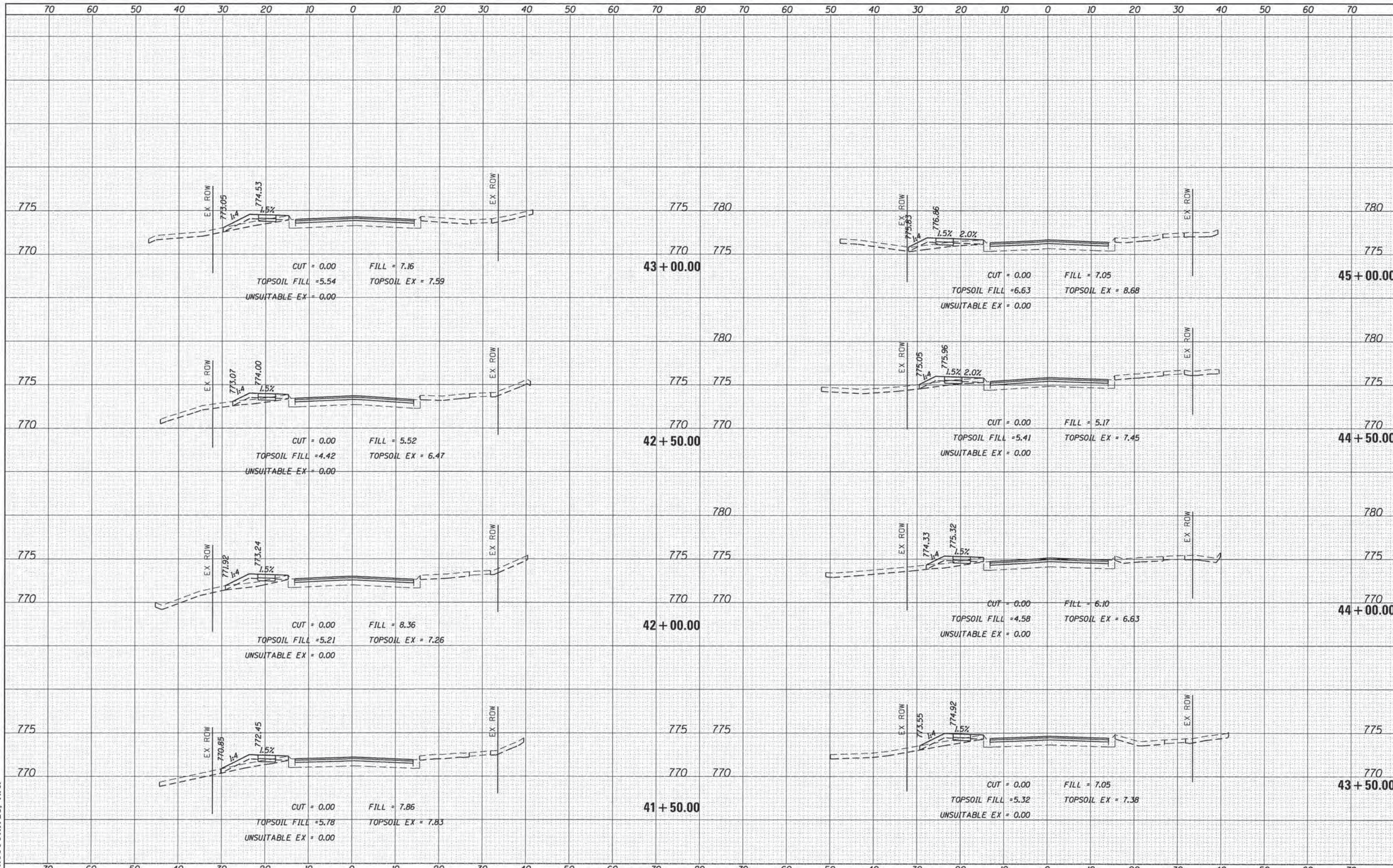
**CROSS SECTIONS  
 BECK ROAD**  
 SCALE: 1"=10'  
 SHEET 10 OF 44 SHEETS  
 STA. 37+50.00 TO STA. 41+00.00

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
160	14-00030-00-RS	LAKE	213	179
CONTRACT NO. 61C68			ILLINOIS FED. AID PROJECT	



DATE	
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SURVEYED	
PLOTTED	
NOTE BOOK	
AREAS CHECKED	

DATE	
BY	
SURVEYED	
PLOTTED	
NOTE BOOK	
AREAS CHECKED	



FILE NAME = D:\12345-xsc-mi.sheets.dgn  
 USER NAME = mcoleman  
 GHA\* 4477.025  
 XS.SHEET\_temporary\_model\_name.11

DESIGNED - MAC  
 DRAWN - ZCW  
 CHECKED - KLB  
 DATE -

REVISED -  
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STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION

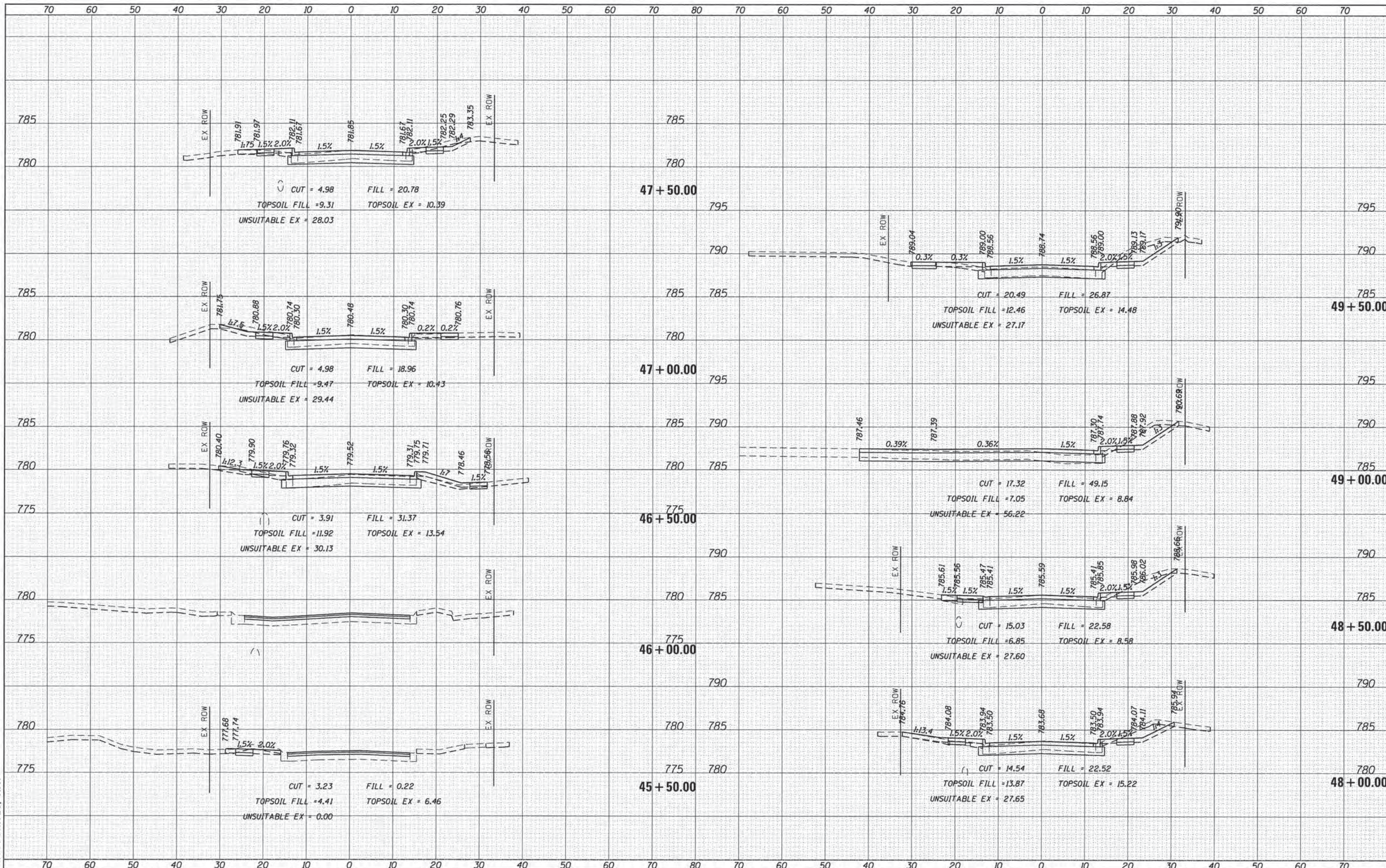
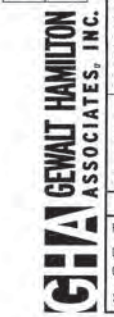
CROSS SECTIONS  
 BECK ROAD  
 SCALE: 1"=10'  
 SHEET 11 OF 44 SHEETS  
 STA. 41+50.00 TO STA. 45+00.00

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
160	14-00030-00-RS	LAKE	213	180
CONTRACT NO. 61C68				
ILLINOIS FED. AID PROJECT				



DATE	
BY	
FINAL SURVEY	
PLOTTED	
NOTE BOOK	
NO.	

DATE	
BY	
ORIGINAL SURVEY	
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NOTE BOOK	
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FILE NAME = D:\12345-xsc-ml-sheets.dgn  
 GHM\* 4477.025  
 XS.SHEET\_temporary\_model\_name.12

USER NAME = moaleman  
 PLLOT SCALE = 1:10  
 PLOT DATE = 1/25/2016

DESIGNED - MAC  
 DRAWN - ZCW  
 CHECKED - KLB  
 DATE -

REVISED -  
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STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION

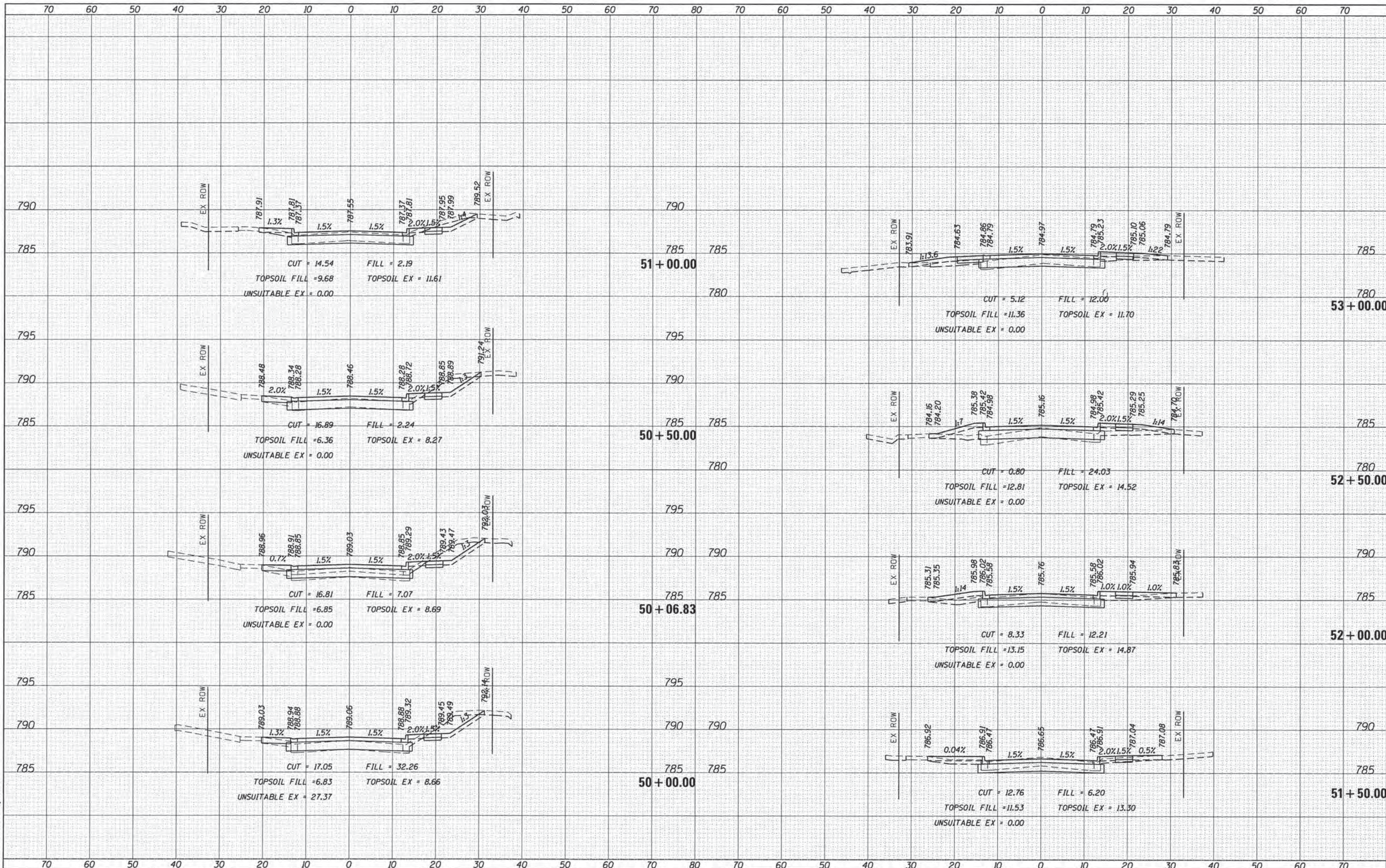
CROSS SECTIONS  
 BECK ROAD  
 SCALE: 1"=10'  
 SHEET 12 OF 44 SHEETS  
 STA. 45+50.00 TO STA. 49+50.00

F.A.J. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
160	14-00030-00-RS	LAKE	213	181
CONTRACT NO. 61C68			ILLINOIS FED. AID PROJECT	



DATE: \_\_\_\_\_  
 BY: \_\_\_\_\_  
 SURVEYED \_\_\_\_\_  
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 AREAS CHECKED \_\_\_\_\_

DATE: \_\_\_\_\_  
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 SURVEYED \_\_\_\_\_  
 PLOTTED \_\_\_\_\_  
 TEMPLATE \_\_\_\_\_  
 NOTE BOOK \_\_\_\_\_  
 AREAS CHECKED \_\_\_\_\_



FILE NAME = D:\12345-xso-ml-sheets.dgn  
 USER NAME = mcoleman  
 GHA\* 4477.025  
 XS.SHEET\_temporary\_model\_name.13

DESIGNED - MAC  
 DRAWN - ZCW  
 CHECKED - KLB  
 DATE -

REVISED -  
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 REVISED -

STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION

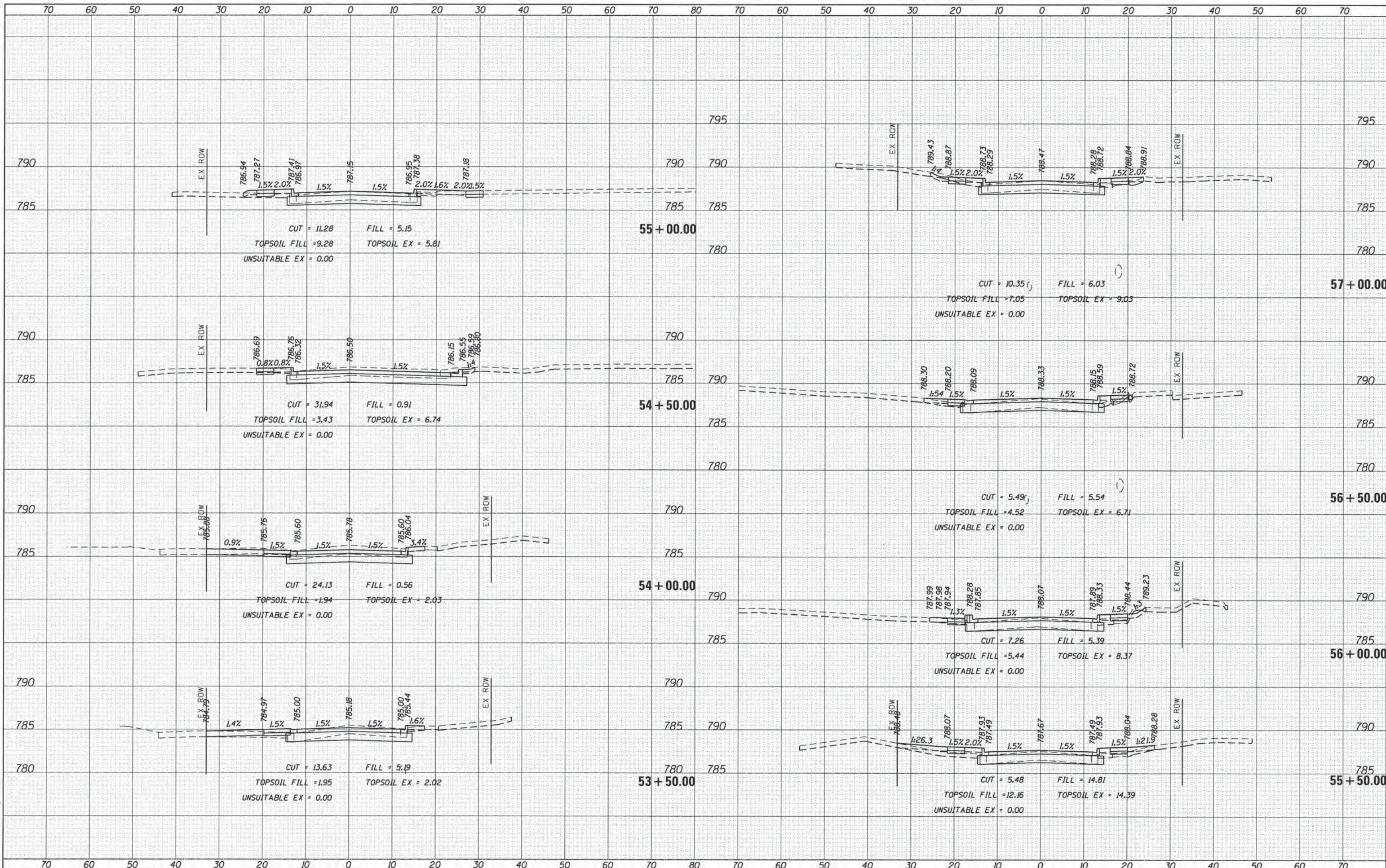
CROSS SECTIONS  
 BECK ROAD  
 SCALE: 1"=10'  
 SHEET 13 OF 44 SHEETS  
 STA. 50+00.00 TO STA. 53+00.00

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
160	14-00030-00-RS	LAKE	213	182
CONTRACT NO. 61C68				
ILLINOIS FED. AID PROJECT				



DATE	
BY	
SURVEYED	
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NOTE BOOK	
AREAS CHECKED	

DATE	
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NOTE BOOK	
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FILE NAME = D:\12345-xsc-m1.sheets.dgn  
 USER NAME = mcoleman  
 PLOT SCALE = 1:10  
 PLOT DATE = 1/25/2016

DESIGNED - MAC  
 DRAWN - ZCW  
 CHECKED - KLB  
 DATE -

REVISED -  
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STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION

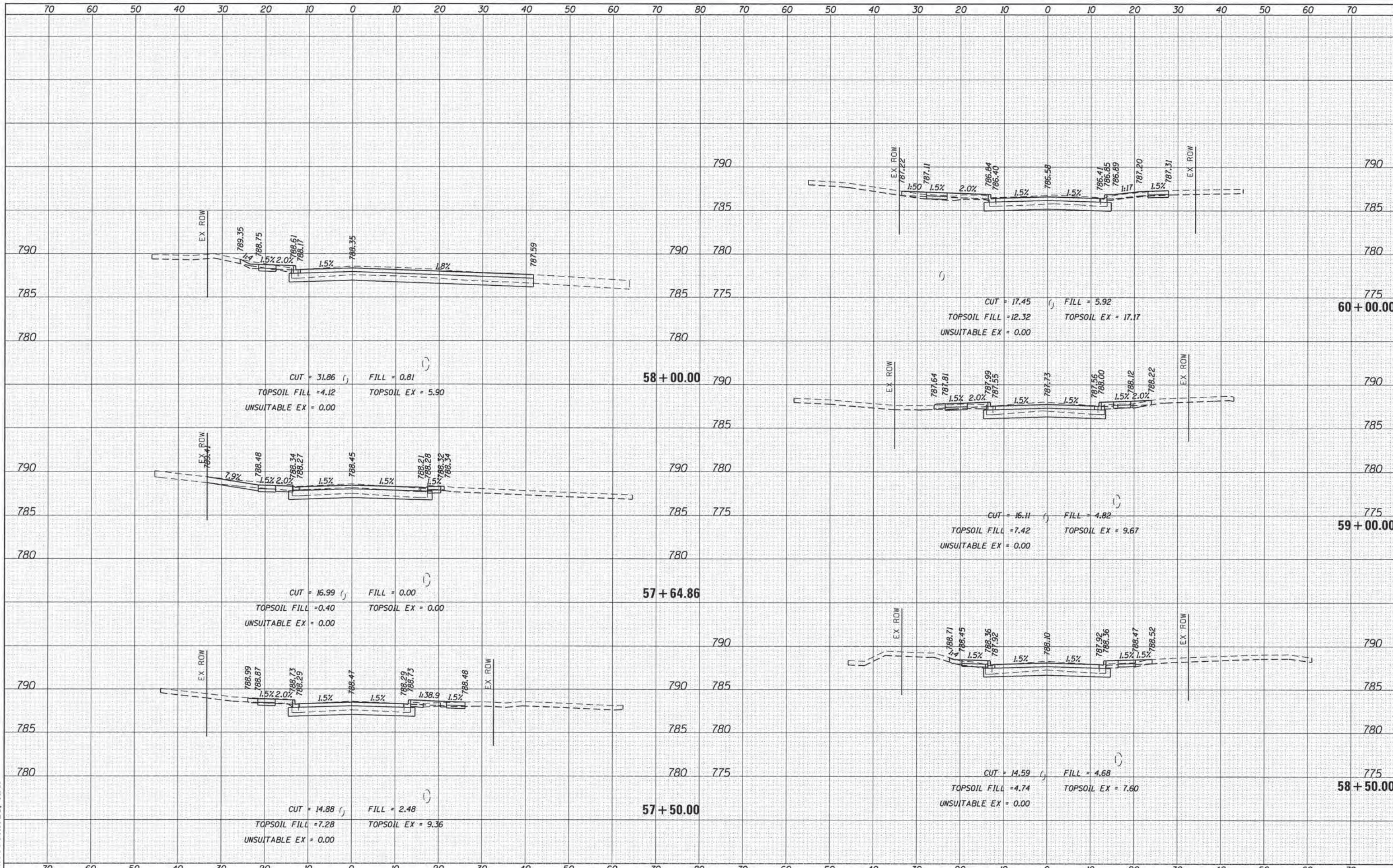
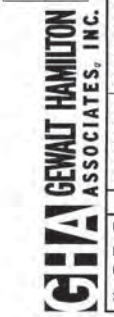
CROSS SECTIONS  
 BECK ROAD  
 SCALE: 1"=10'  
 SHEET 14 OF 44 SHEETS STA. 53+50.00 TO STA. 57+00.00

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
160	14-00030-00-RS	LAKE	213	183
CONTRACT NO. 61C68				
ILLINOIS FED. AID PROJECT				



DATE	
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SURVEYED	
PLOTTED	
NOTE BOOK	
AREAS CHECKED	

DATE	
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PLOTTED	
NOTE BOOK	
AREAS CHECKED	



FILE NAME = D:\12345-xsc-ml-sheets.dgn  
 USER NAME = mcaleman  
 PLOT SCALE = 1:10  
 PLOT DATE = 1/25/2016

DESIGNED - MAC  
 DRAWN - ZCW  
 CHECKED - KLB  
 DATE -

REVISED -  
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STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION

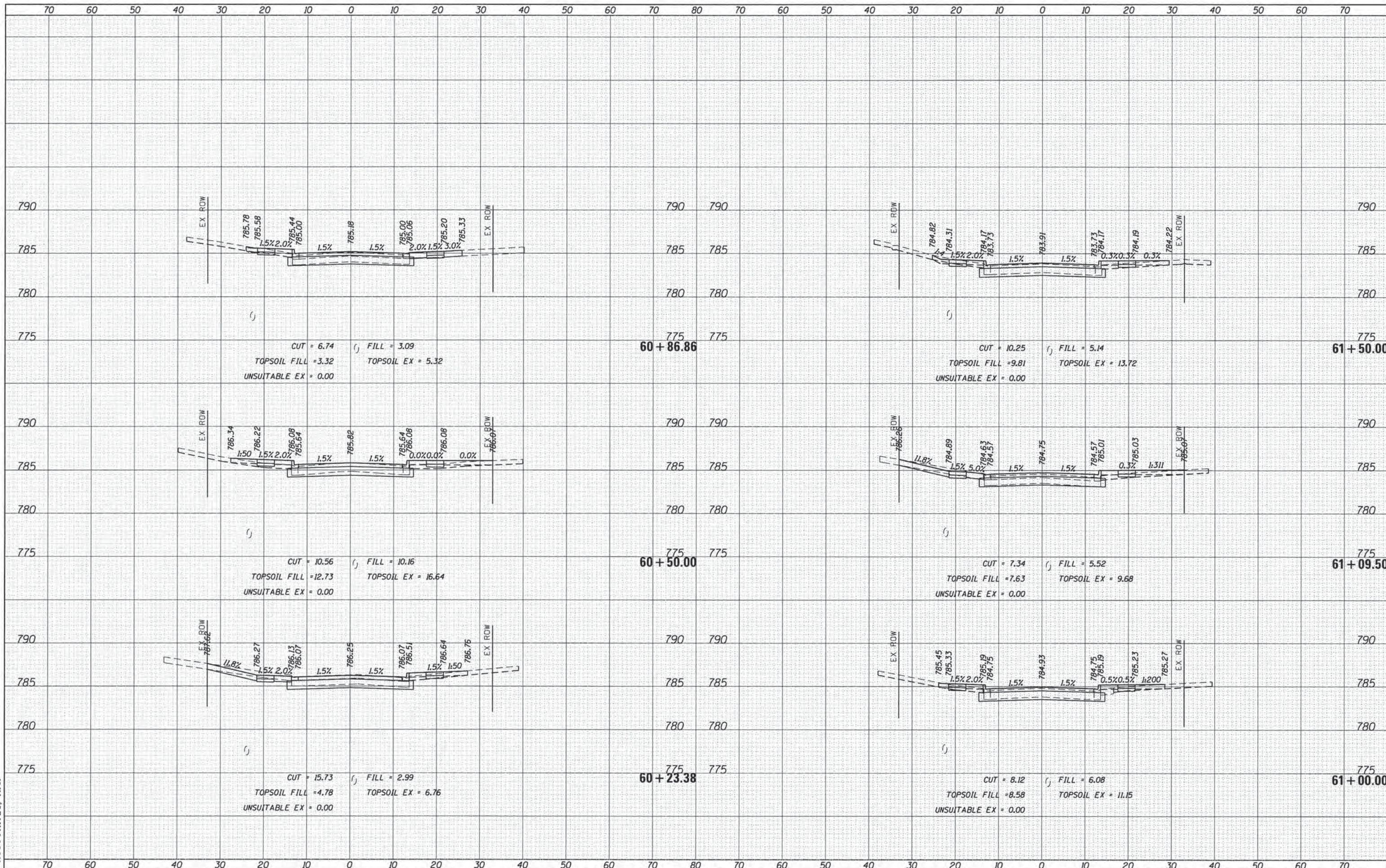
CROSS SECTIONS  
 BECK ROAD  
 SCALE: 1"=10'  
 SHEET 15 OF 44 SHEETS  
 STA. 57+50.00 TO STA. 60+00.00

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
160	14-00030-00-RS	LAKE	213	184
CONTRACT NO. 61C68				
ILLINOIS FED. AID PROJECT				



DATE \_\_\_\_\_  
 BY \_\_\_\_\_  
 SURVEYED \_\_\_\_\_  
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 TEMPLATE \_\_\_\_\_  
 NOTE BOOK \_\_\_\_\_  
 AREAS CHECKED \_\_\_\_\_

DATE \_\_\_\_\_  
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 SURVEYED \_\_\_\_\_  
 PLOTTED \_\_\_\_\_  
 TEMPLATE \_\_\_\_\_  
 NOTE BOOK \_\_\_\_\_  
 AREAS CHECKED \_\_\_\_\_



FILE NAME = D:\12345-xsc-nl-sheets.dgn  
 GHA\* 4477.025  
 XS.SHEET\_temporary\_model\_name.16

USER NAME = moaleman  
 PLT SCALE = 1:10  
 PLT DATE = 1/25/2016

DESIGNED - MAC  
 DRAWN - ZCW  
 CHECKED - KLB  
 DATE -

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STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION

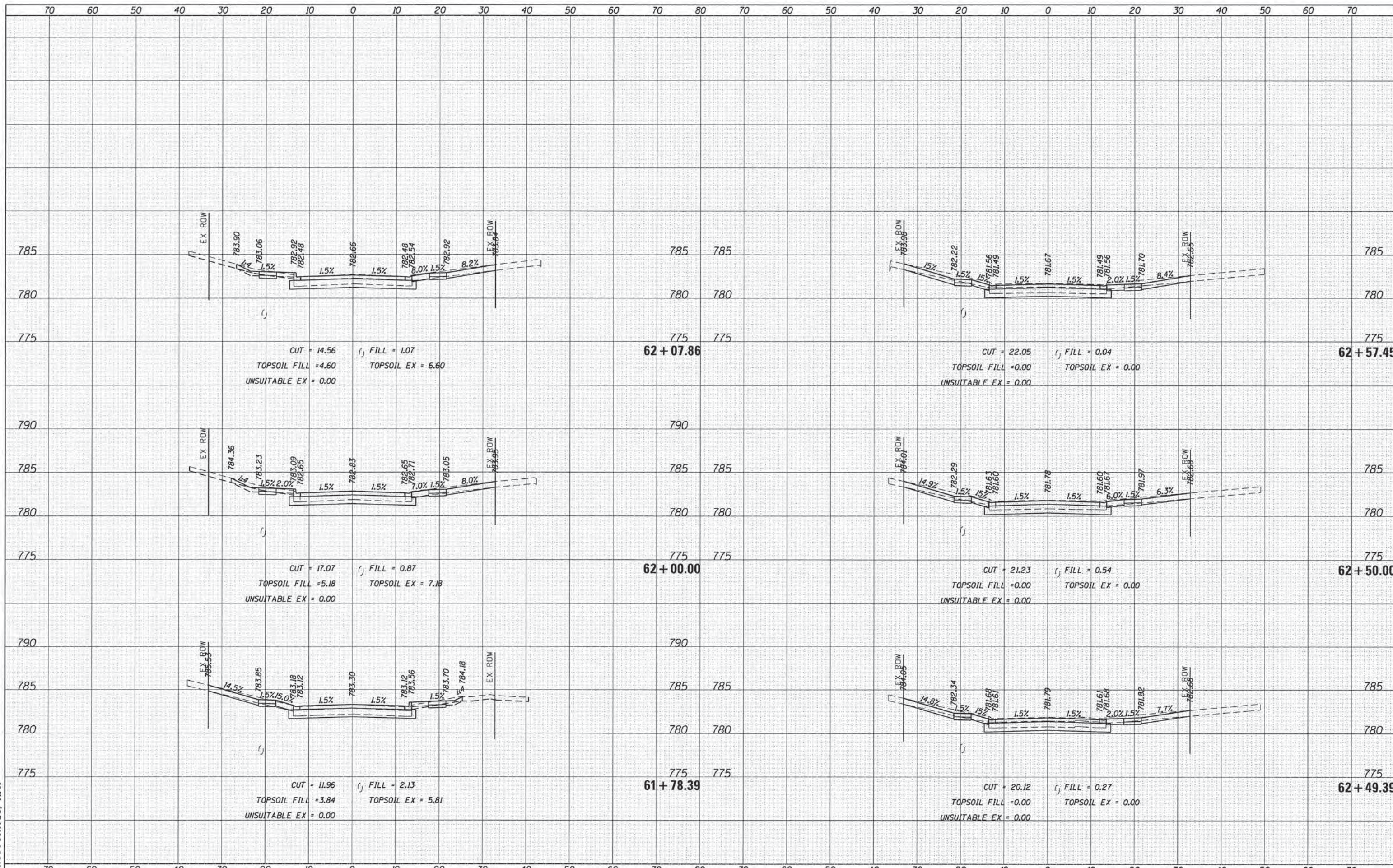
CROSS SECTIONS  
 BECK ROAD  
 SCALE: 1"=10'  
 SHEET 16 OF 44 SHEETS  
 STA. 60+23.38 TO STA. 61+50.00

F.A.J. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
160	14-00030-00-RS	LAKE	213	185
				CONTRACT NO. 61C68
ILLINOIS FED. AID PROJECT				



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

DATE	
BY	
ORIGINAL SURVEY	
PLOTTED	
TEMPLATE	
NOTE BOOK	
AREAS CHECKED	
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FILE NAME = D:\12345-xsc-nj.sheets.dgn  
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 XS.SHEET\_temporary\_model\_name.17

USER NAME = moleman  
 DESIGNED - MAC  
 DRAWN - ZCW  
 CHECKED - KLB  
 DATE -

REVISED -  
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STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION

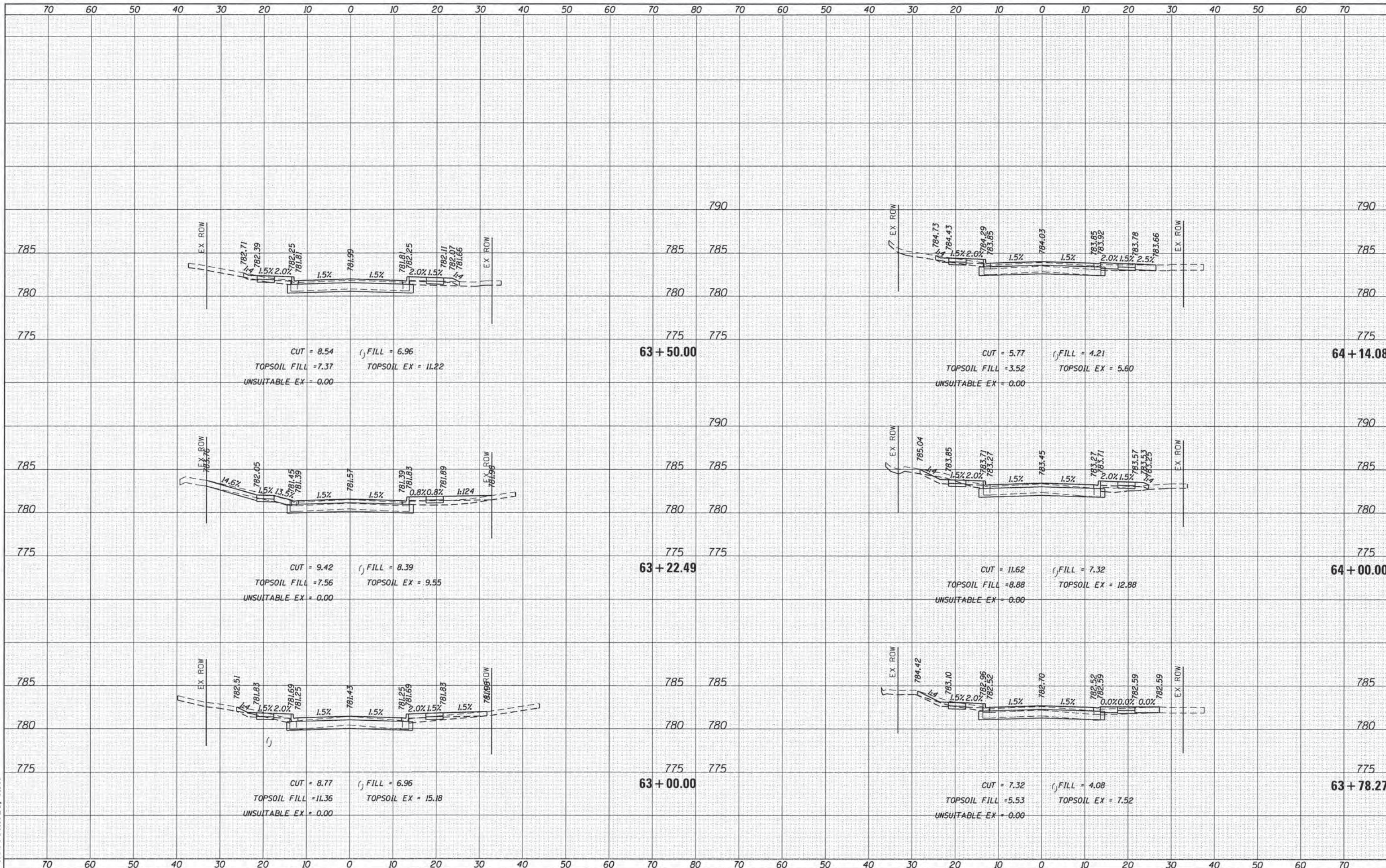
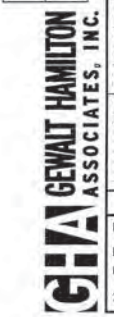
CROSS SECTIONS  
 BECK ROAD  
 SCALE: 1"=10'  
 SHEET 17 OF 44 SHEETS STA. 61+78.39 TO STA. 62+57.45

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
160	14-00030-00-RS	LAKE	213	186
CONTRACT NO. 61C68			ILLINOIS FED. AID PROJECT	



DATE: \_\_\_\_\_ BY: \_\_\_\_\_  
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 TEMPLATE \_\_\_\_\_  
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DATE: \_\_\_\_\_ BY: \_\_\_\_\_  
 SURVEYED \_\_\_\_\_  
 PLOTTED \_\_\_\_\_  
 TEMPLATE \_\_\_\_\_  
 NO. \_\_\_\_\_



FILE NAME = D:\12345-xsc-ml\_sheets.dgn  
 USER NAME = mcaleman  
 PLOT SCALE = 1:10  
 PLOT DATE = 1/25/2016

DESIGNED - MAC  
 DRAWN - ZCW  
 CHECKED - KLB  
 DATE -

REVISED -  
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STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION

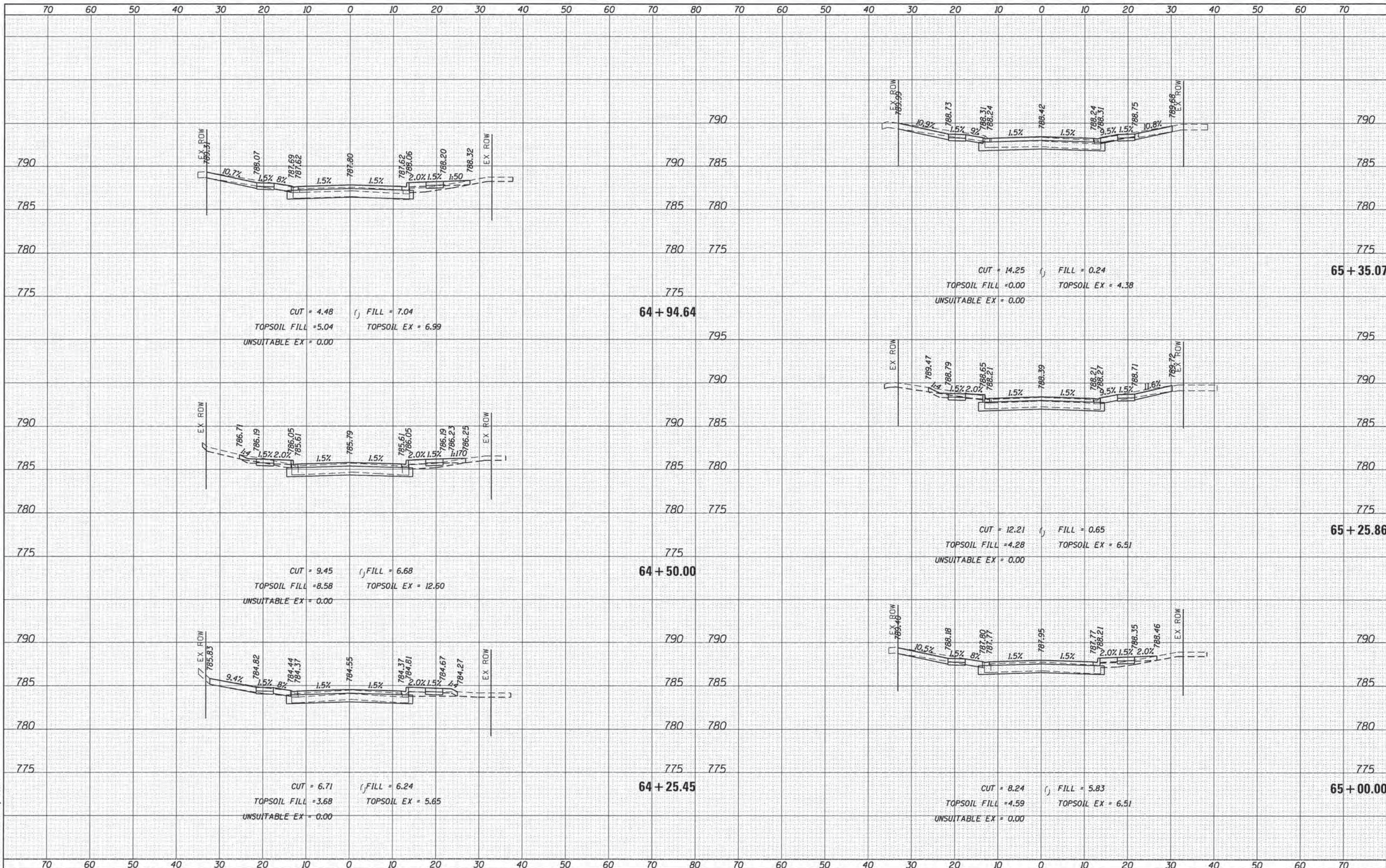
CROSS SECTIONS  
 BECK ROAD  
 SCALE: 1"=10'  
 SHEET 18 OF 44 SHEETS  
 STA. 63+00.00 TO STA. 64+14.08

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
160	14-00030-00-RS	LAKE	213	187
CONTRACT NO. 61C68				
ILLINOIS FED. AID PROJECT				



DATE	
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NOTE BOOK	
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AREAS CHECKED	

DATE	
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NOTE BOOK	
TEMPLATE	
AREAS CHECKED	



FILE NAME = D:\12345-xsc-m1\_sheets.dgn  
 USER NAME = mcalman  
 PLOT SCALE = 1:10  
 PLOT DATE = 1/25/2016

DESIGNED - MAC  
 DRAWN - ZCW  
 CHECKED - KLB  
 DATE -

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STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION

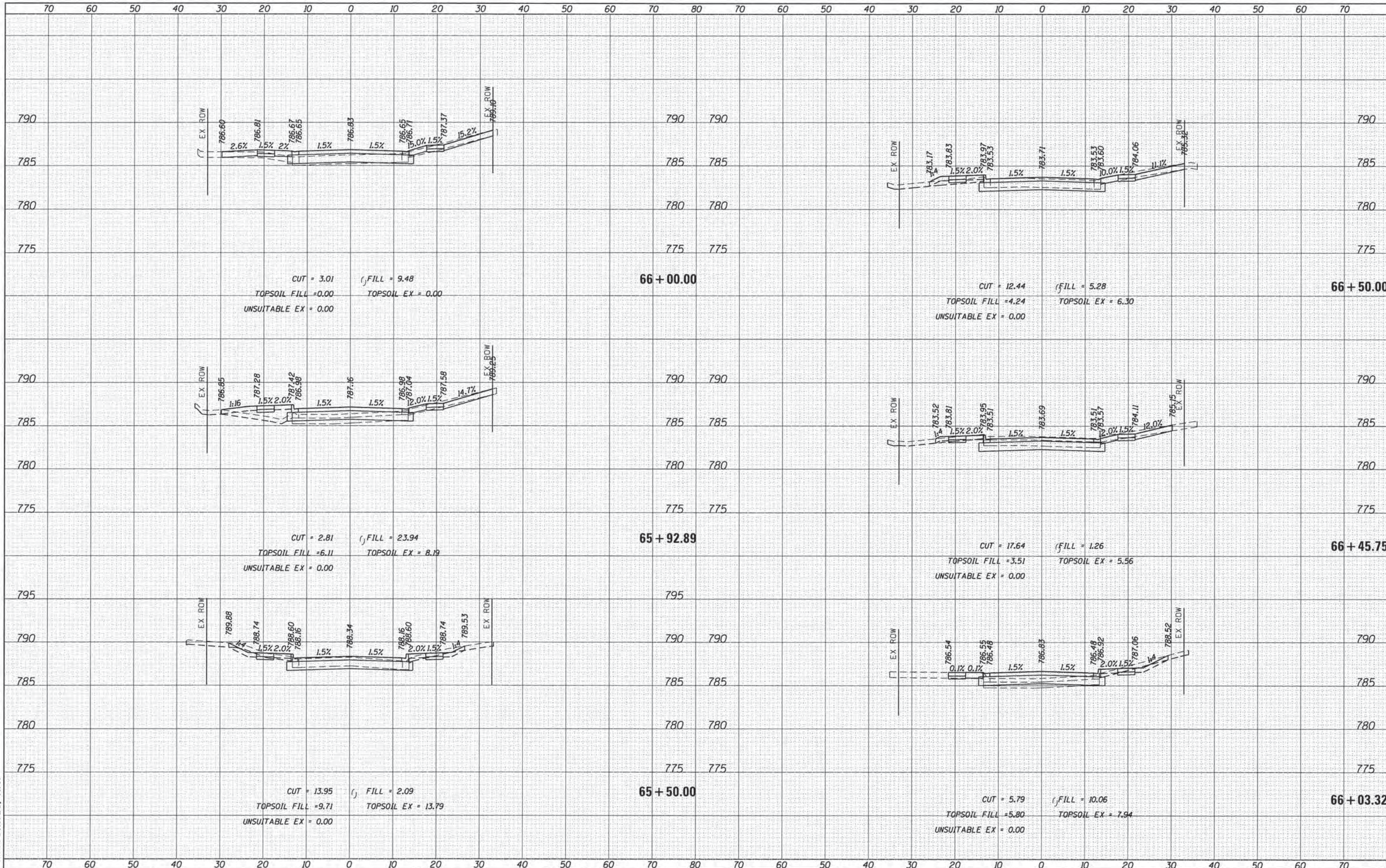
CROSS SECTIONS  
 BECK ROAD  
 SCALE: 1"=10'  
 SHEET 19 OF 44 SHEETS  
 STA. 64+25.45 TO STA. 65+35.07

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
160	14-00030-00-RS	LAKE	213	188
CONTRACT NO. 61C68				
ILLINOIS FED. AID PROJECT				



DATE	
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FINAL SURVEY	
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NOTE BOOK	
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DATE	
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ORIGINAL SURVEY	
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NOTE BOOK	
AREAS CHECKED	



FILE NAME =	D:\12345-xsc-m1-sheets.dgn
USER NAME =	moaleman
DESIGNED -	MAC
DRAWN -	ZCW
CHECKED -	KLB
DATE -	
PLOT SCALE =	1:10
PLOT DATE =	1/25/2016
X5.SHEET.temporary.model.name.28	

DESIGNED -	MAC	REVISED -	
DRAWN -	ZCW	REVISED -	
CHECKED -	KLB	REVISED -	
DATE -		REVISED -	

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

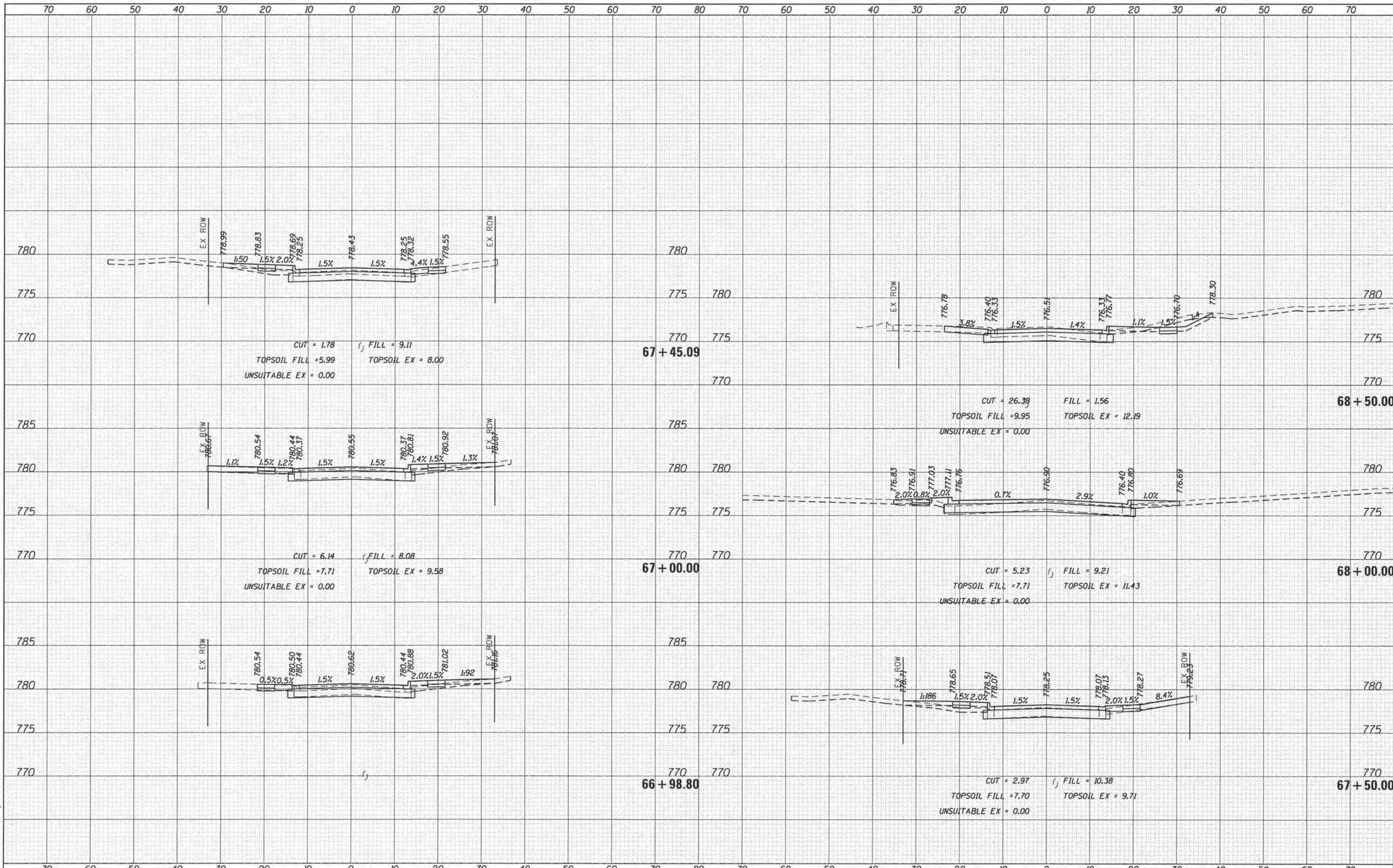
CROSS SECTIONS	
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SCALE: 1"=10'	SHEET 20 OF 44 SHEETS
STA. 65+50.00	TO STA. 66+50.00

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
160	14-00030-00-RS	LAKE	213	189
CONTRACT NO. 61C68				
ILLINOIS FED. AID PROJECT				



DATE	
BY	
SURVEYED	
PLOTTED	
NOTE BOOK	
TEMPLATE	
AREAS CHECKED	

DATE	
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SURVEYED	
PLOTTED	
NOTE BOOK	
TEMPLATE	
AREAS CHECKED	



FILE NAME = D:\12345-xsc\ml.sheets.dgn  
 GHA\* 4477.025  
 XS.SHEET\_temporary\_model\_name\_21

USER NAME = mcalaman	DESIGNED - MAC	REVISED -
PLOT SCALE = 1:10	DRAWN - ZCW	REVISED -
PLOT DATE = 1/25/2016	CHECKED - KLB	REVISED -
	DATE -	REVISED -

STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION

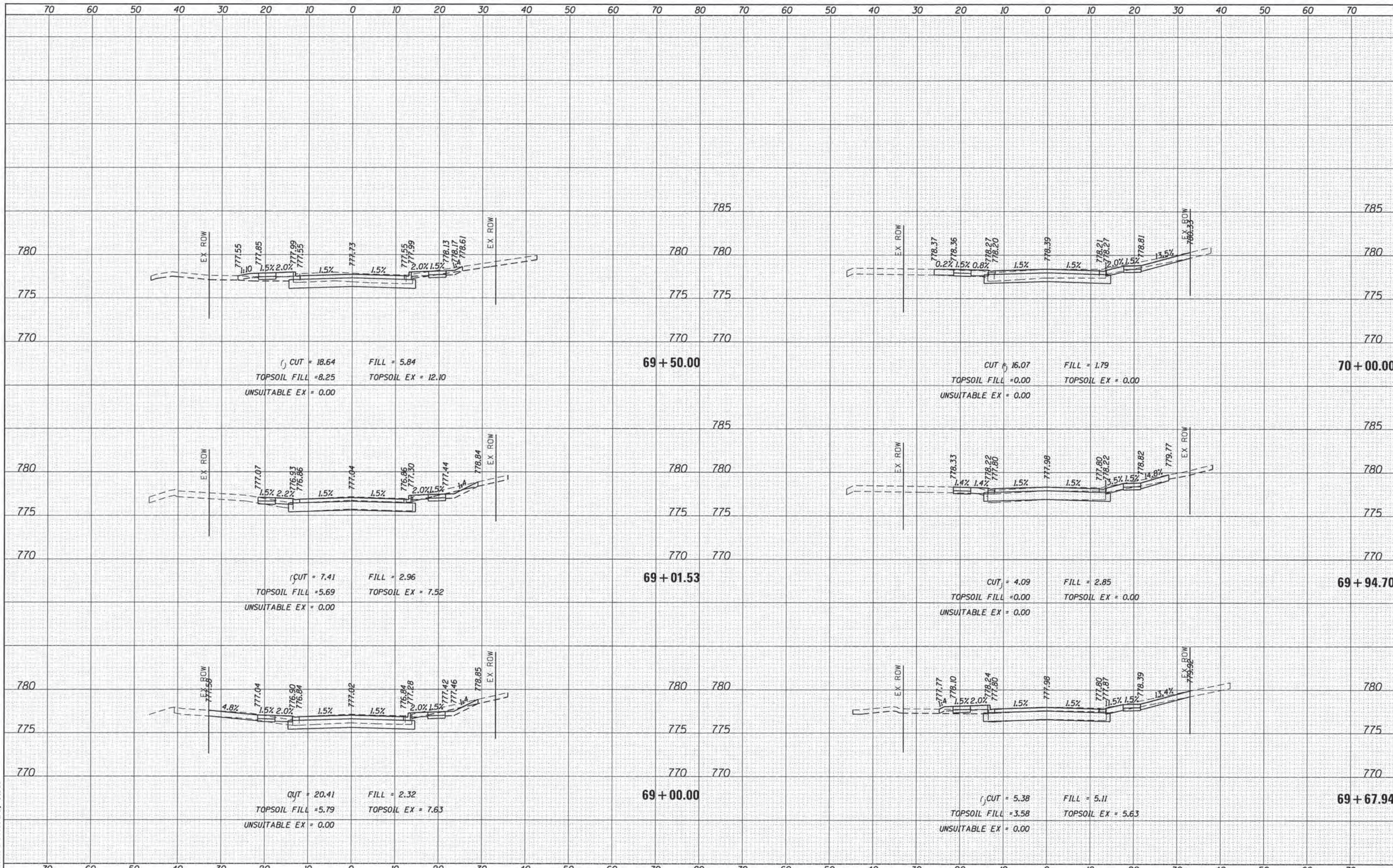
CROSS SECTIONS  
 BECK ROAD  
 SCALE: 1"=10'  
 SHEET 21 OF 44 SHEETS STA. 66+98.80 TO STA. 68+50.00

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
160	14-00030-00-RS	LAKE	213	190
CONTRACT NO. 61C68				
ILLINOIS FED. AID PROJECT				



DATE	
BY	
SURVEYED	
PLOTTED	
NOTE BOOK	
AREAS CHECKED	

DATE	
BY	
SURVEYED	
PLOTTED	
NOTE BOOK	
AREAS CHECKED	



FILE NAME = D:\2345\ksr\m\sheets.dgn  
 USER NAME = moaleman  
 DESIGNED - MAC  
 DRAWN - ZCW  
 CHECKED - KLB  
 DATE - 1/25/2016

REVISIONS:  
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 REVISED -

STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION

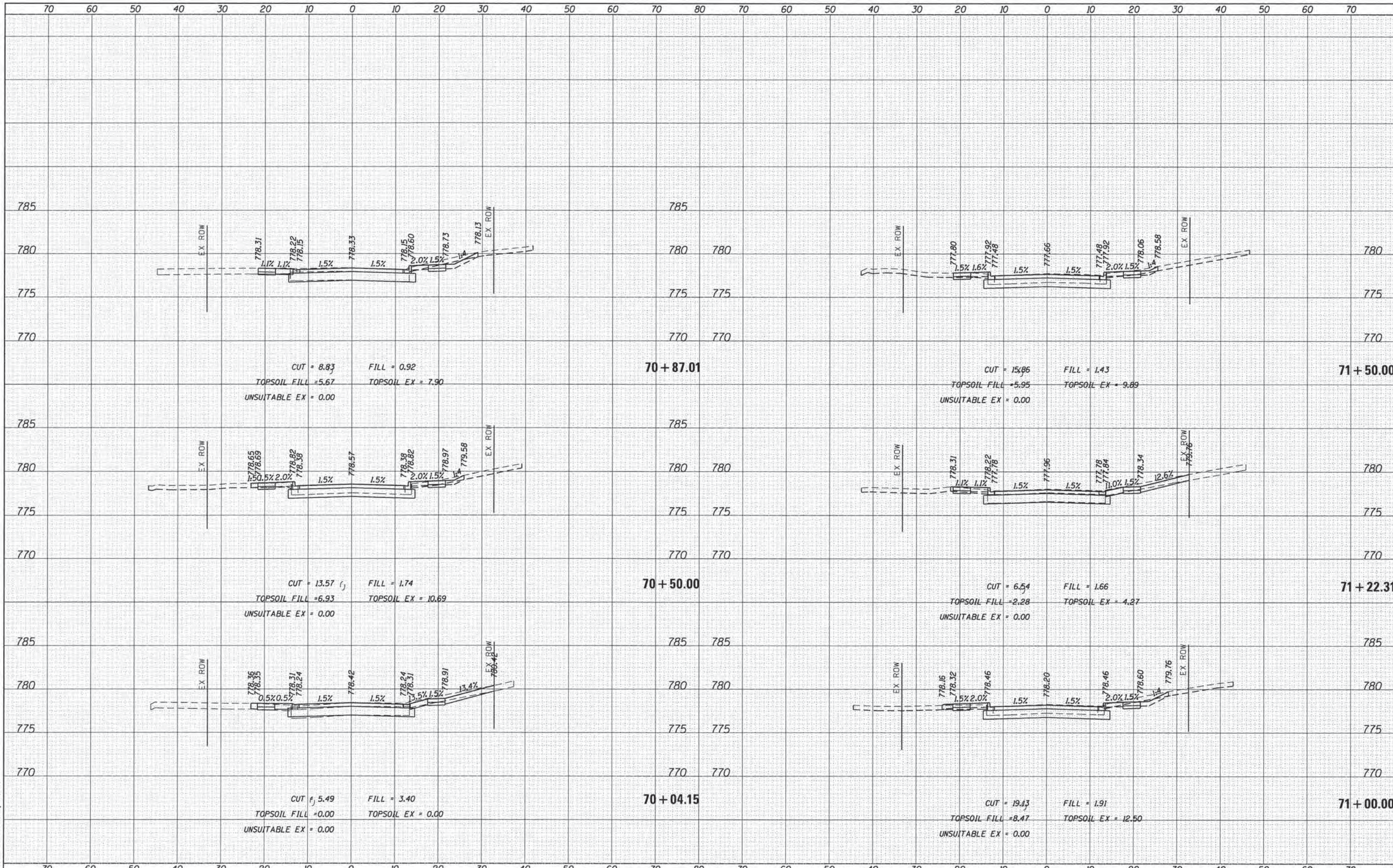
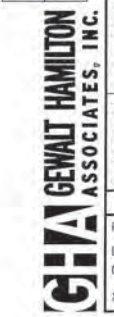
CROSS SECTIONS  
 BECK ROAD  
 SCALE: 1"=10'  
 SHEET 22 OF 44 SHEETS  
 STA. 69+00.00 TO STA. 70+00.00

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
160	14-00030-00-RS	LAKE	213	191
CONTRACT NO. 61C68				
ILLINOIS FED. AID PROJECT				



DATE: \_\_\_\_\_  
 BY: \_\_\_\_\_  
 SURVEYED \_\_\_\_\_  
 PLOTTED \_\_\_\_\_  
 NOTE BOOK \_\_\_\_\_  
 TEMPLATE \_\_\_\_\_  
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DATE: \_\_\_\_\_  
 BY: \_\_\_\_\_  
 ORIGINAL SURVEY \_\_\_\_\_  
 PLOTTED \_\_\_\_\_  
 NOTE BOOK \_\_\_\_\_  
 AREAS CHECKED \_\_\_\_\_



FILE NAME = D:\12345-xsc-ml-sheets.dgn  
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USER NAME = mcolman	DESIGNED - MAC	REVISED -
PLOT SCALE = 1:10	DRAWN - ZCW	REVISED -
PLOT DATE = 1/25/2016	CHECKED - KLB	REVISED -
	DATE -	REVISED -

**STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION**

**CROSS SECTIONS  
 BECK ROAD**

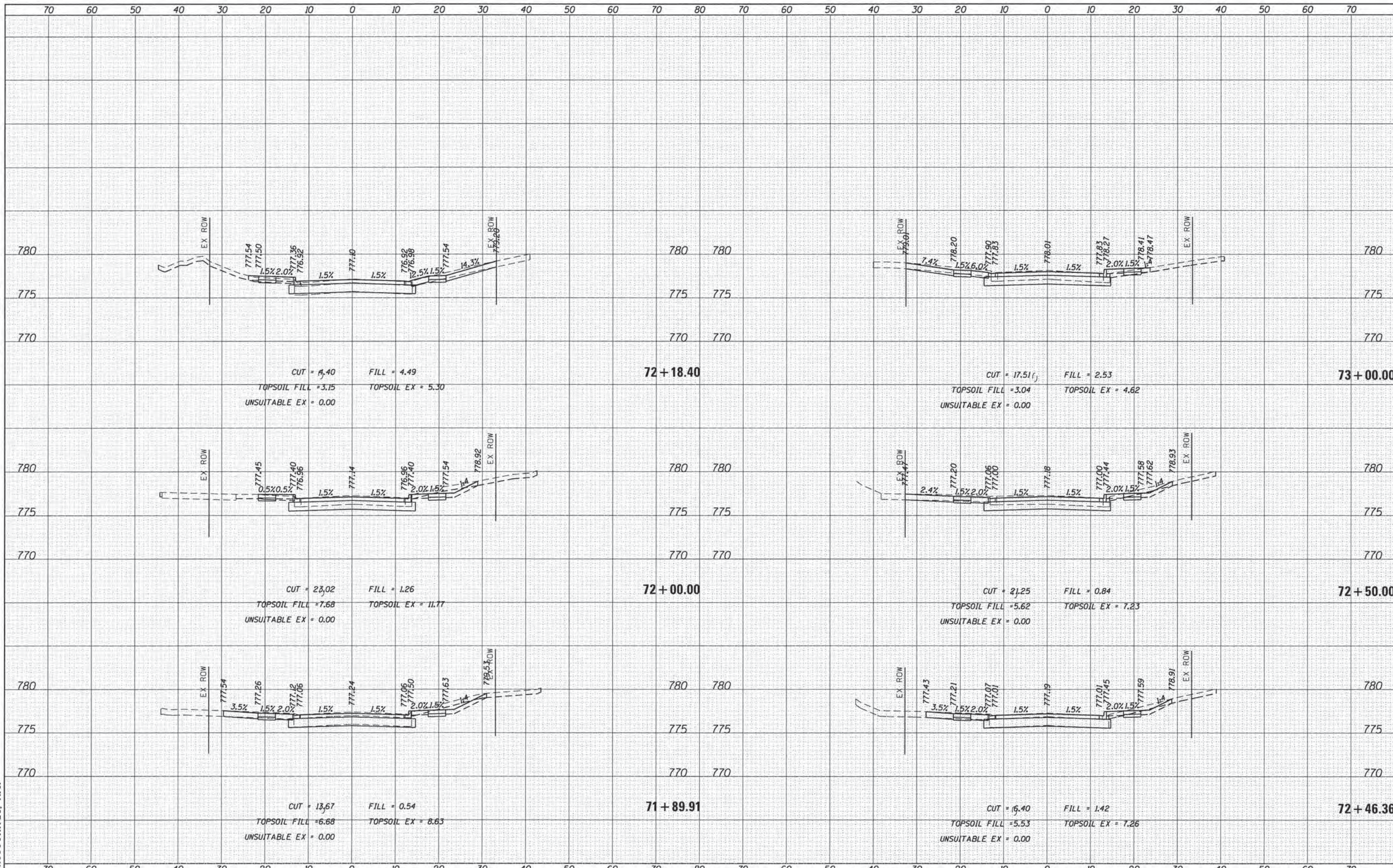
SCALE: 1"=10'    SHEET 23 OF 44 SHEETS    STA. 70+04.15 TO STA. 71+50.00

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
160	14-00030-00-RS	LAKE	213	192
CONTRACT NO. 61C68				
ILLINOIS FED. AID PROJECT				



DATE: \_\_\_\_\_  
 BY: \_\_\_\_\_  
 SURVEYED \_\_\_\_\_  
 PLOTTED \_\_\_\_\_  
 TEMPLATE \_\_\_\_\_  
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DATE: \_\_\_\_\_  
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 SURVEYED \_\_\_\_\_  
 PLOTTED \_\_\_\_\_  
 TEMPLATE \_\_\_\_\_  
 NOTE BOOK \_\_\_\_\_  
 AREAS CHECKED \_\_\_\_\_



FILE NAME = D:\12345-xsc-ml-sheets.dgn  
 QHA\* 4477.025  
 XS.SHEET\_temporary\_model\_name\_24

USER NAME = mcoleman  
 DESIGNED - MAC  
 DRAWN - ZCW  
 CHECKED - KLB  
 DATE - 1/25/2018

REVISED -  
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 REVISED -

STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION

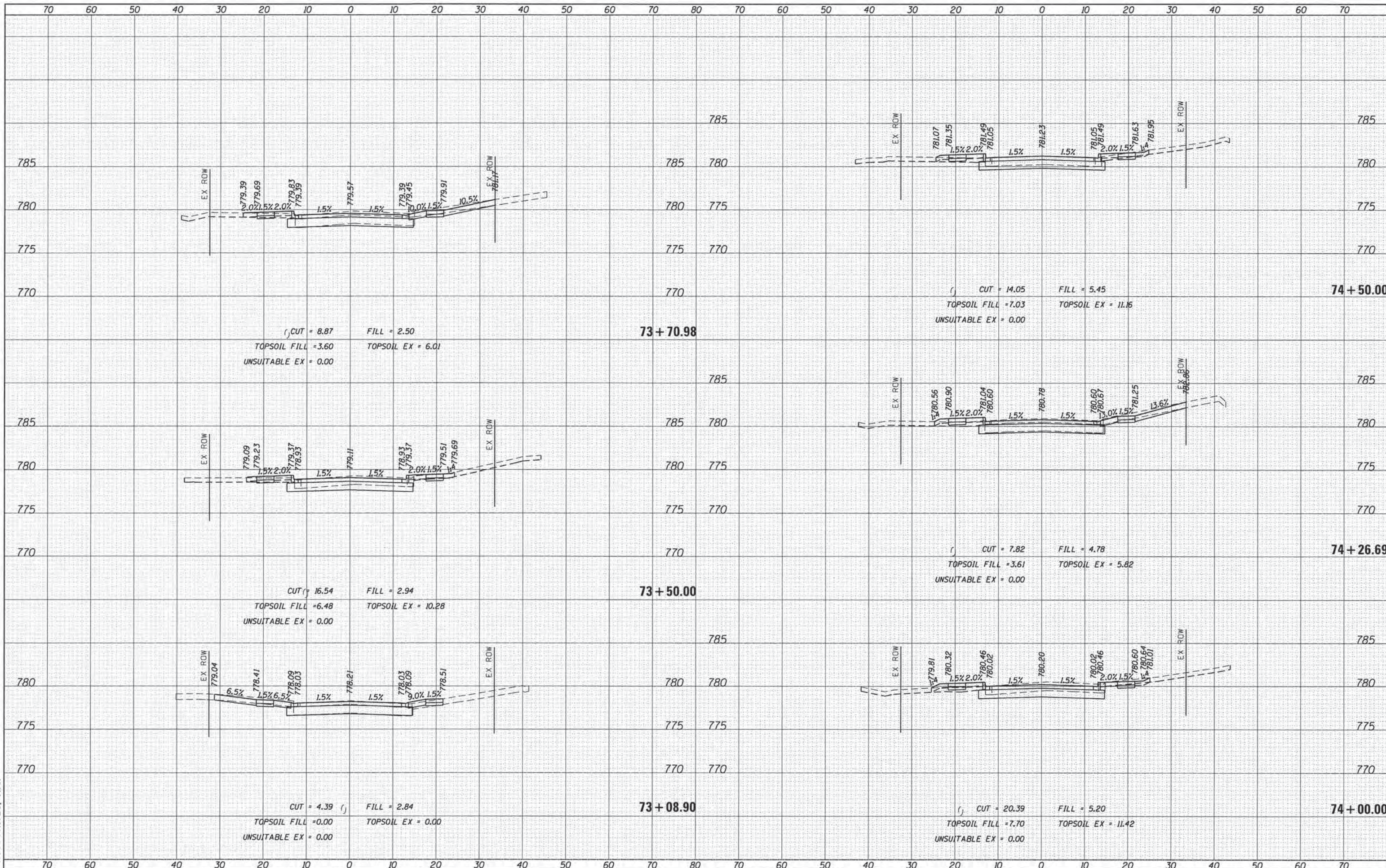
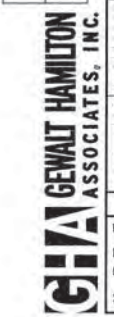
CROSS SECTIONS  
 BECK ROAD  
 SCALE: 1"=10'  
 SHEET 24 OF 44 SHEETS  
 STA. 71+89.91 TO STA. 73+00.00

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
160	14-00030-00-RS	LAKE	213	193
CONTRACT NO. 61C68				
ILLINOIS FED. AID PROJECT				



DATE: \_\_\_\_\_  
 BY: \_\_\_\_\_  
 SURVEYED \_\_\_\_\_  
 PLOTTED \_\_\_\_\_  
 TEMPLATE \_\_\_\_\_  
 NOTE BOOK \_\_\_\_\_  
 AREAS CHECKED \_\_\_\_\_

DATE: \_\_\_\_\_  
 BY: \_\_\_\_\_  
 SURVEYED \_\_\_\_\_  
 PLOTTED \_\_\_\_\_  
 TEMPLATE \_\_\_\_\_  
 NOTE BOOK \_\_\_\_\_  
 AREAS CHECKED \_\_\_\_\_



FILE NAME = D:\12345\...  
 USER NAME = moaleman  
 PLOT SCALE = 1:100  
 PLOT DATE = 1/25/2016

DESIGNED - MAC  
 DRAWN - ZCW  
 CHECKED - KLB  
 DATE -

REVISED -  
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STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION

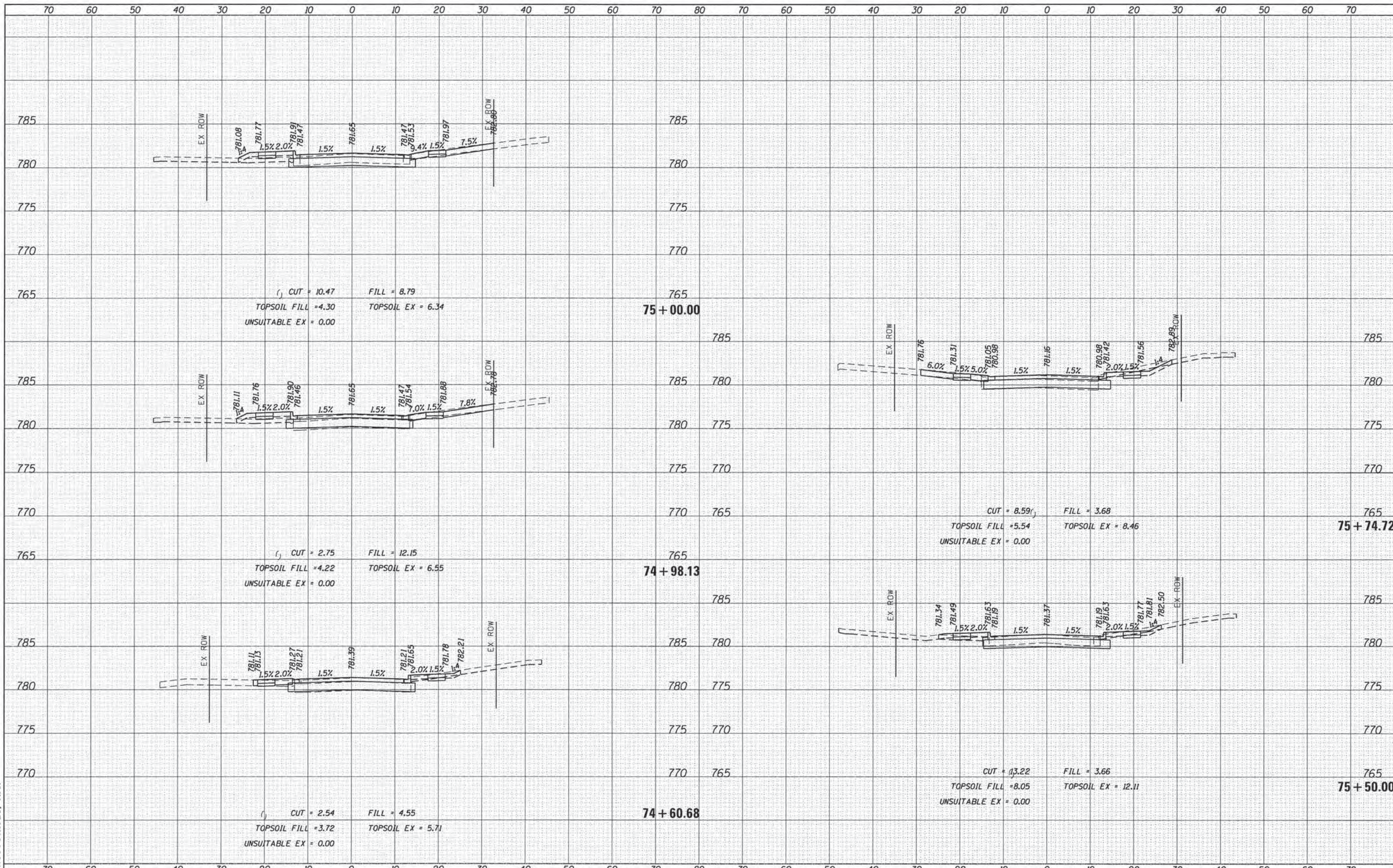
CROSS SECTIONS  
 BECK ROAD  
 SCALE: 1"=10'  
 SHEET 25 OF 44 SHEETS  
 STA. 73+08.90 TO STA. 74+50.00

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
160	14-00030-00-RS	LAKE	213	194
CONTRACT NO. 61C68				
ILLINOIS FED. AID PROJECT				



DATE: \_\_\_\_\_  
 BY: \_\_\_\_\_  
 SURVEYED \_\_\_\_\_  
 PLOTTED \_\_\_\_\_  
 TEMPLATE \_\_\_\_\_  
 NOTE BOOK \_\_\_\_\_  
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DATE: \_\_\_\_\_  
 BY: \_\_\_\_\_  
 SURVEYED \_\_\_\_\_  
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 TEMPLATE \_\_\_\_\_  
 NOTE BOOK \_\_\_\_\_  
 AREAS CHECKED \_\_\_\_\_



FILE NAME = D:\12345\...  
 USER NAME = moaleman  
 PLOT SCALE = 1:100  
 PLOT DATE = 1/25/2016

DESIGNED - MAC  
 DRAWN - ZCW  
 CHECKED - KLB  
 DATE -

REVISED -  
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STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION

CROSS SECTIONS  
 BECK ROAD  
 SCALE: 1"=10'  
 SHEET 26 OF 44 SHEETS  
 STA. 74+60.68 TO STA. 75+74.72

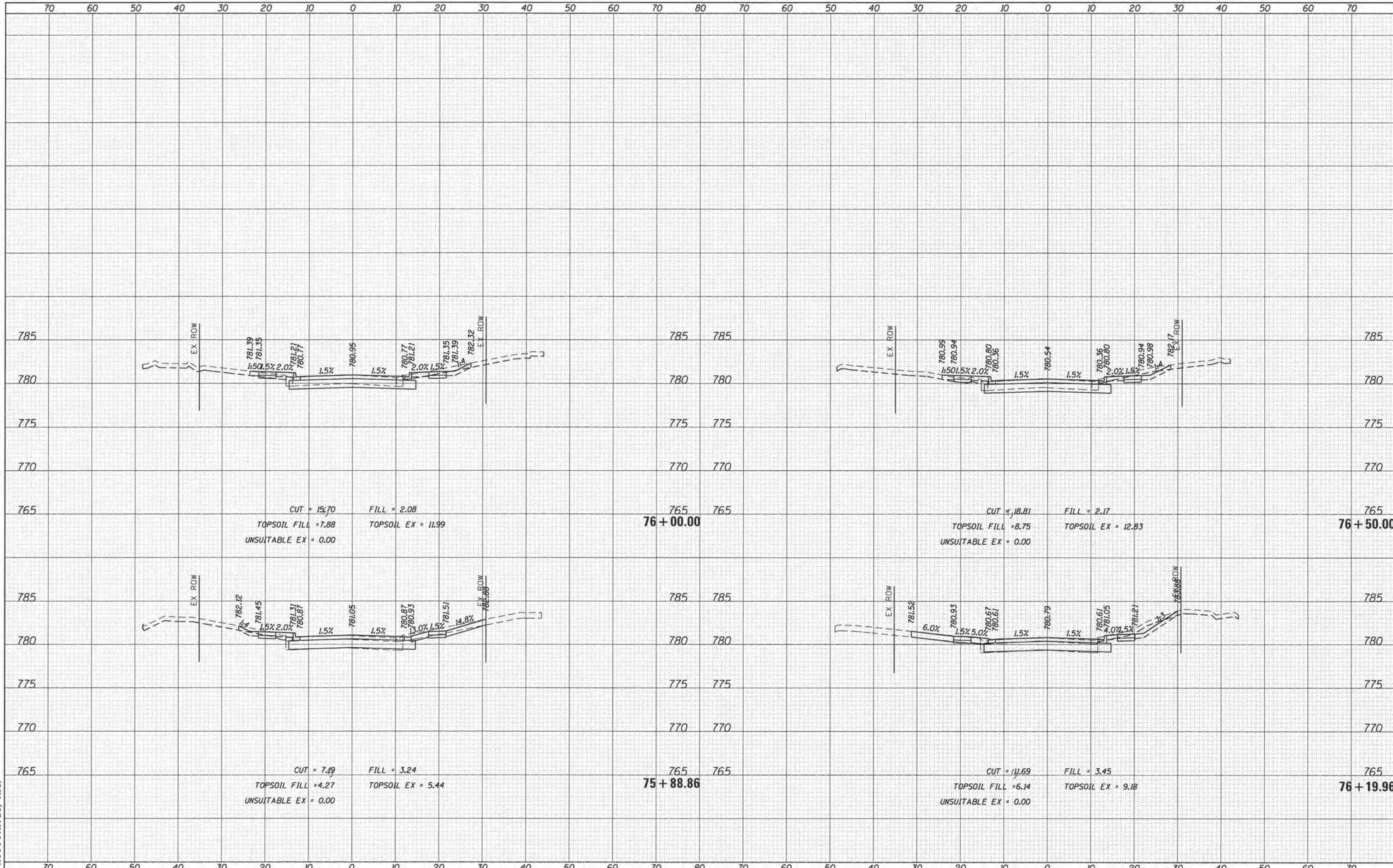
F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
160	14-00030-00-RS	LAKE	213	195
CONTRACT NO. 61C68				
ILLINOIS FED. AID PROJECT				



DATE \_\_\_\_\_  
 BY \_\_\_\_\_  
 SURVEYED \_\_\_\_\_  
 PLOTTED \_\_\_\_\_  
 TEMPLATE \_\_\_\_\_  
 NOTE BOOK \_\_\_\_\_  
 NO. \_\_\_\_\_  
 AREAS CHECKED \_\_\_\_\_

DATE \_\_\_\_\_  
 BY \_\_\_\_\_  
 SURVEYED \_\_\_\_\_  
 PLOTTED \_\_\_\_\_  
 TEMPLATE \_\_\_\_\_  
 NOTE BOOK \_\_\_\_\_  
 NO. \_\_\_\_\_  
 AREAS CHECKED \_\_\_\_\_

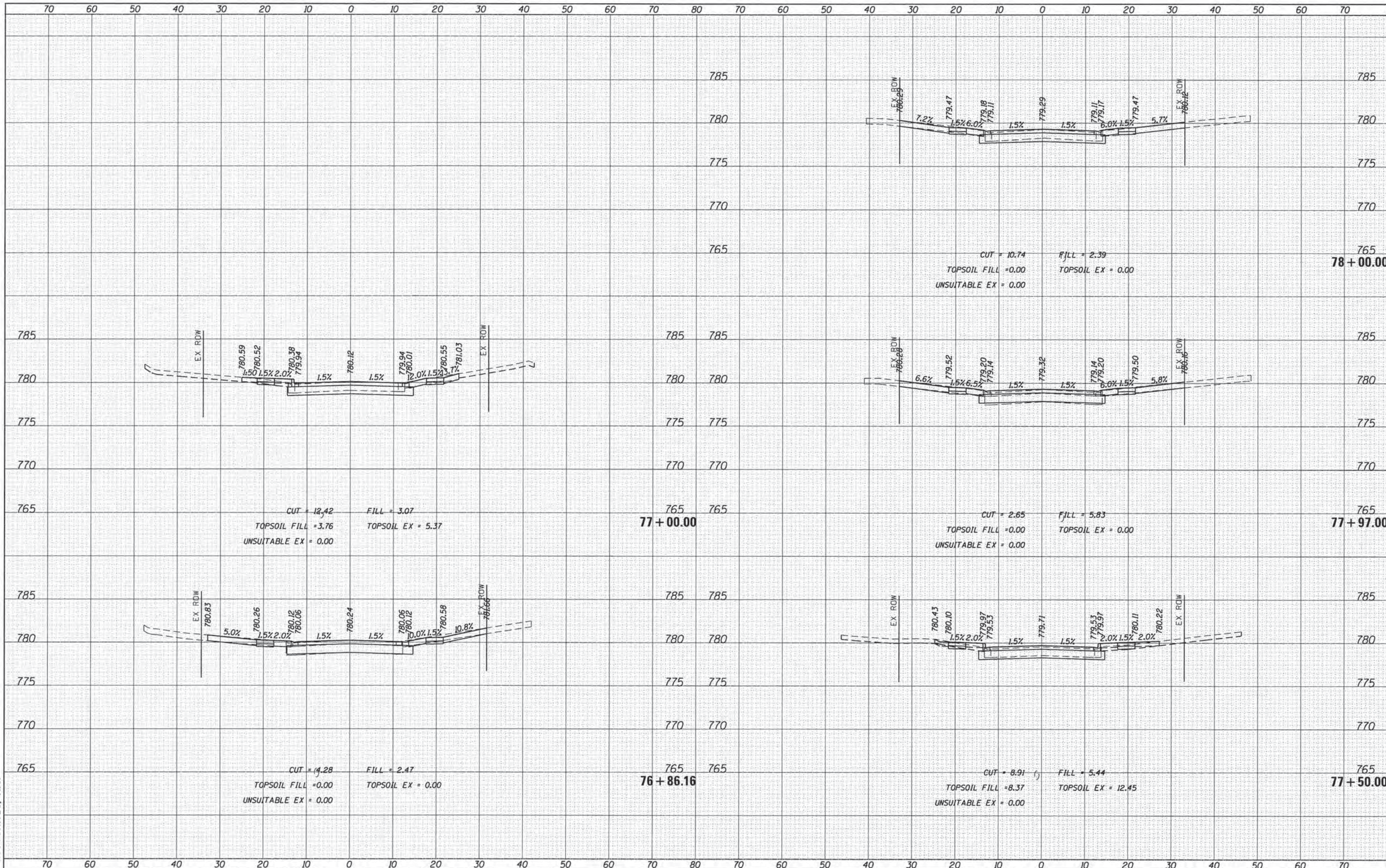
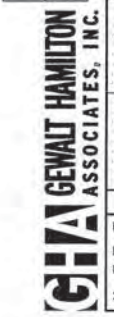
**GEWALT HAMILTON**  
**ASSOCIATES, INC.**





DATE	
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FINAL SURVEY	
PLOTTED	
NOTE BOOK	
AREAS CHECKED	

DATE	
BY	
NO.	
ORIGINAL SURVEY	
PLOTTED	
NOTE BOOK	
AREAS CHECKED	



FILE NAME = D:\12345-xsc-mj\_sheets.dgn  
 USER NAME = mcoleman  
 PLOT SCALE = 1:10  
 PLOT DATE = 1/25/2016

DESIGNED - MAC  
 DRAWN - ZCW  
 CHECKED - KLB  
 DATE -

REVISED -  
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STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION

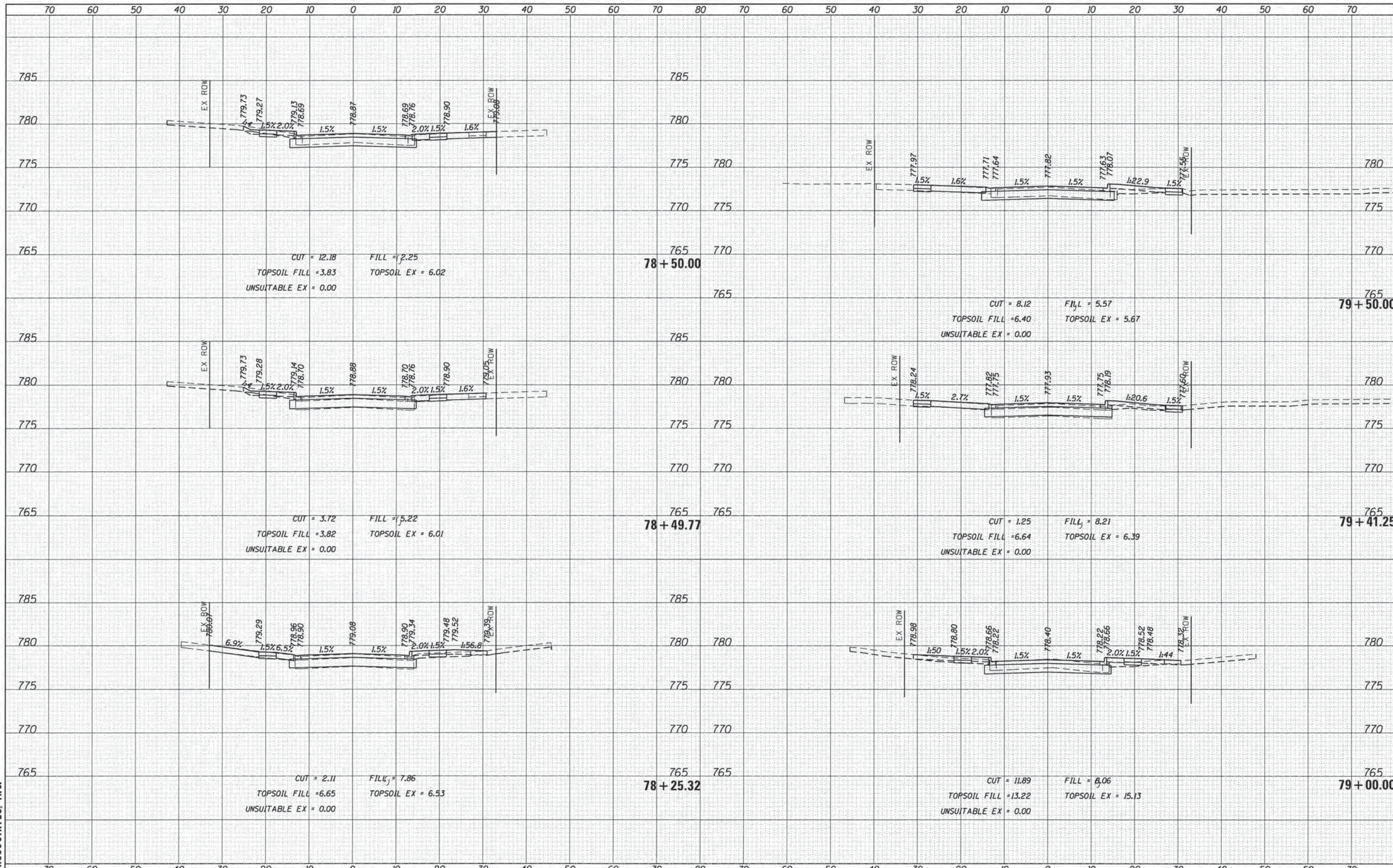
CROSS SECTIONS  
 BECK ROAD  
 SCALE: 1"=10'  
 SHEET 28 OF 44 SHEETS  
 STA. 76+86.16 TO STA. 78+00.00

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
160	14-00030-00-RS	LAKE	213	197
CONTRACT NO. 61C68				
ILLINOIS FED. AID PROJECT				



DATE	
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SURVEYED	
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TEMPLATE	
NOTE BOOK	
AREAS CHECKED	

DATE	
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SURVEYED	
PLOTTED	
TEMPLATE	
NOTE BOOK	
AREAS CHECKED	



FILE NAME = D:\12345-xsc-ml-sheets.dgn  
 GHA 4477.025  
 XS.SHEET-temporary.model.name\_29

USER NAME = mcoleman	DESIGNED - MAC	REVISED -
PLOT SCALE = 1:10	DRAWN - ZCW	REVISED -
PLOT DATE = 1/25/2016	CHECKED - KLB	REVISED -
	DATE -	REVISED -

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

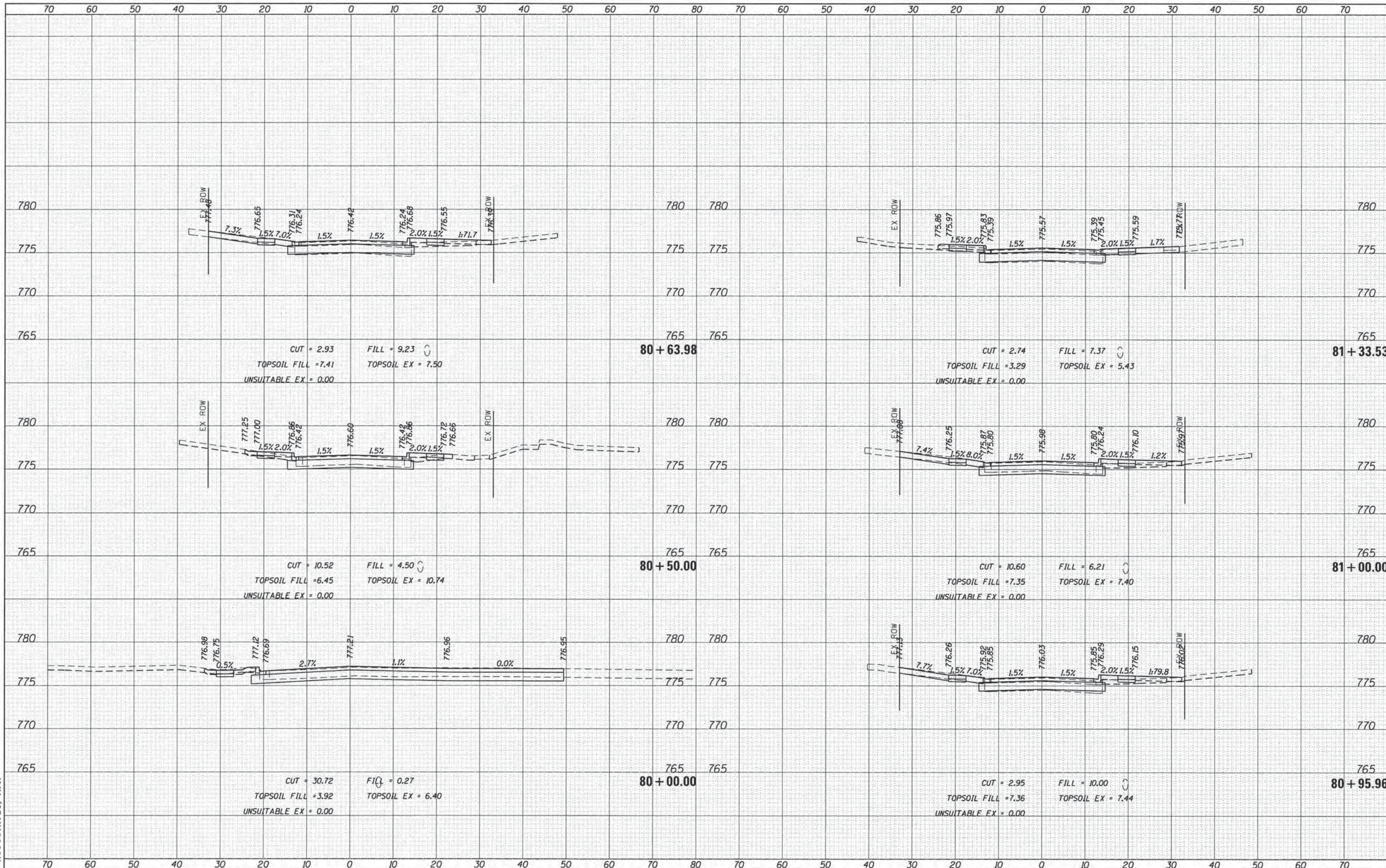
CROSS SECTIONS	
BECK ROAD	
SCALE: 1"=10'	SHEET 29 OF 44 SHEETS
STA. 78+25.32	TO STA. 79+50.00

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
160	14-00030-00-RS	LAKE	213	198
				CONTRACT NO. 61C68
ILLINOIS FED. AID PROJECT				



DATE	
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PLOTTED	
TEMPLATE	
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DATE	
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NOTE BOOK	
AREAS CHECKED	



FILE NAME = D:\12345-xsc-mi\_sheets.dgn  
 DWA\* 4477.825  
 XS.SHEET\_temporary\_model\_name.38

USER NAME = mcoleman	DESIGNED - MAC	REVISED -
PLOT SCALE = 1:10	DRAWN - ZCW	REVISED -
PLOT DATE = 1/25/2016	CHECKED - KLB	REVISED -
	DATE -	REVISED -

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

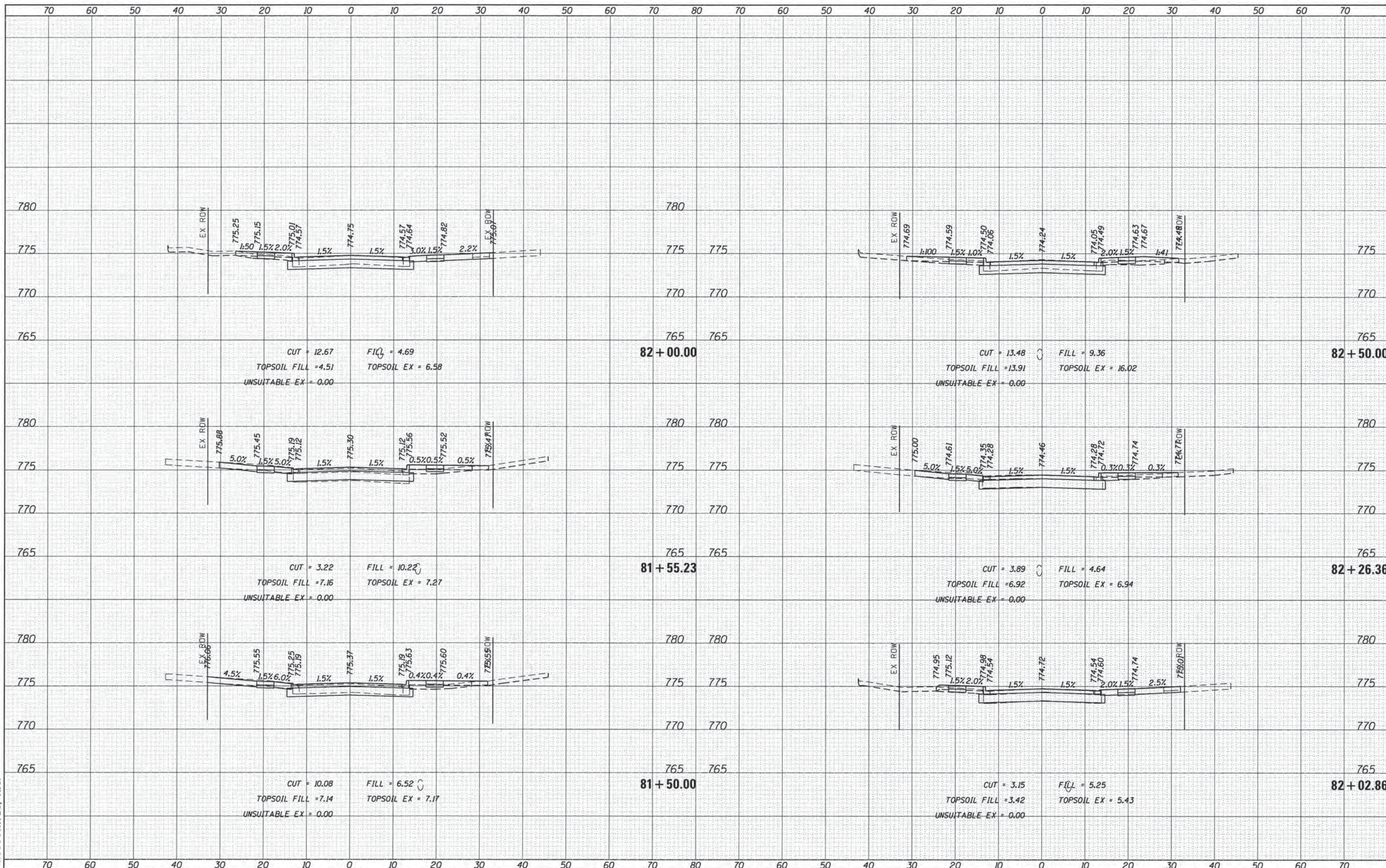
CROSS SECTIONS  
BECK ROAD  
SCALE: 1"=10'  
SHEET 30 OF 44 SHEETS  
STA. 80+00.00 TO STA. 81+33.53

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
160	14-00030-00-RS	LAKE	213	199
CONTRACT NO. 61C68				
ILLINOIS FED. AID PROJECT				



DATE	
BY	
SURVEYED	
PLOTTED	
TEMPLATE	
NOTE BOOK	
AREAS CHECKED	
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DATE	
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SURVEYED	
PLOTTED	
TEMPLATE	
NOTE BOOK	
AREAS CHECKED	
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FILE NAME =	D:\12345-xsc-m.l.sheets.dgn
USER NAME =	mcolem
DESIGNED -	MAC
DRAWN -	ZCW
PLLOT SCALE =	1:10
CHECKED -	KLB
PLLOT DATE =	1/25/2016
DATE -	
REVISD -	
REVISD -	
REVISD -	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

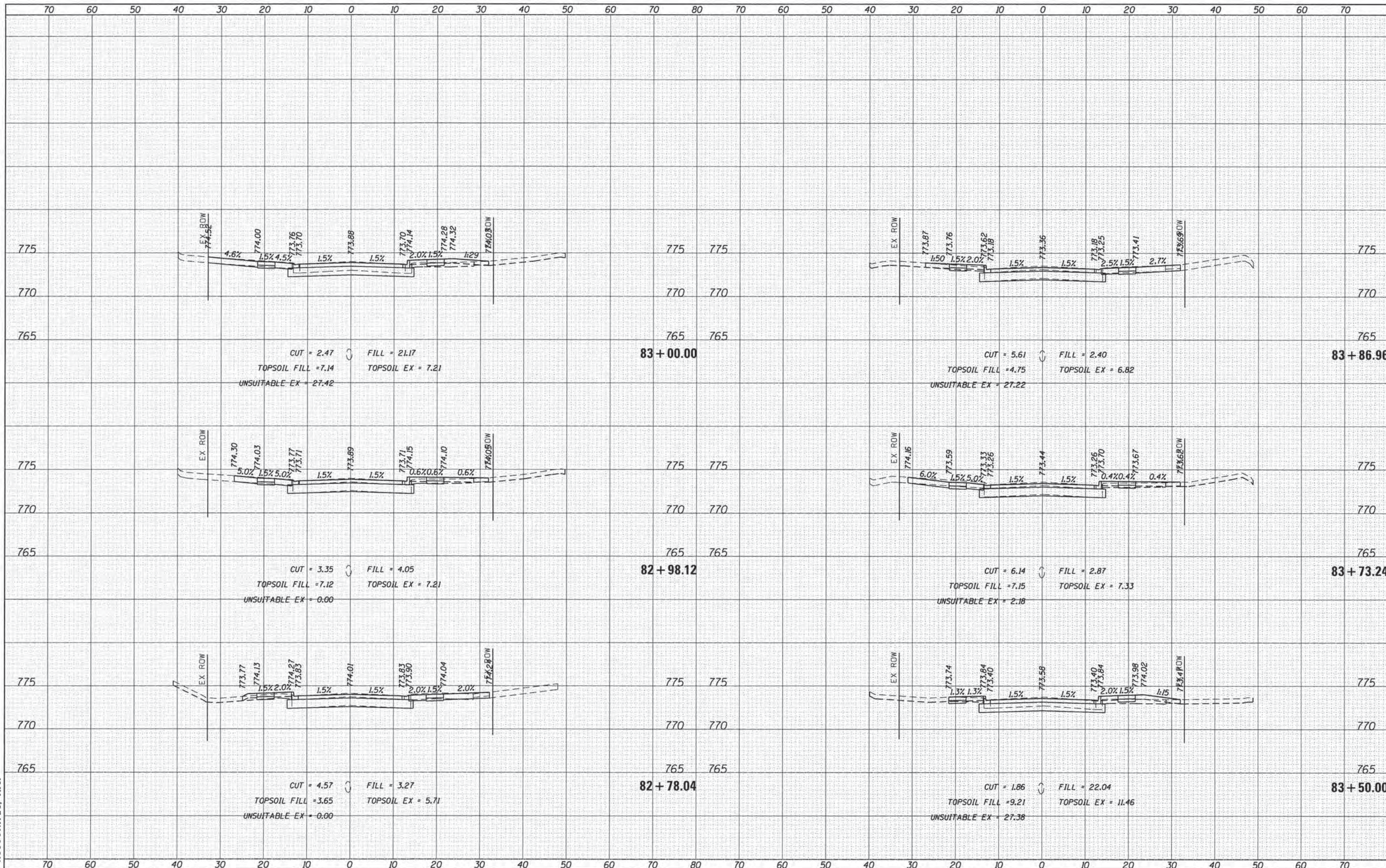
CROSS SECTIONS
BECK ROAD
SCALE: 1"=10'
SHEET 31 OF 44 SHEETS
STA. 81+50.00 TO STA. 82+50.00

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
160	14-00030-00-RS	LAKE	213	200
CONTRACT NO. 61C68				
ILLINOIS FED. AID PROJECT				



DATE	
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SURVEYED	
PLOTTED	
TEMPLATE	
NOTE BOOK	
AREAS CHECKED	
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DATE	
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NOTE BOOK	
AREAS CHECKED	
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FILE NAME :	D:\12345-xsc-ml_sheets.dgn
USER NAME :	mcoleman
DESIGNED :	MAC
DRAWN :	ZCW
CHECKED :	KLB
DATE :	
PLLOT SCALE :	1:100
PLLOT DATE :	1/25/2016
YS.SHEET :	temporary_model_name_32

DESIGNED -	MAC	REVISED -	
DRAWN -	ZCW	REVISED -	
CHECKED -	KLB	REVISED -	
DATE -		REVISED -	

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

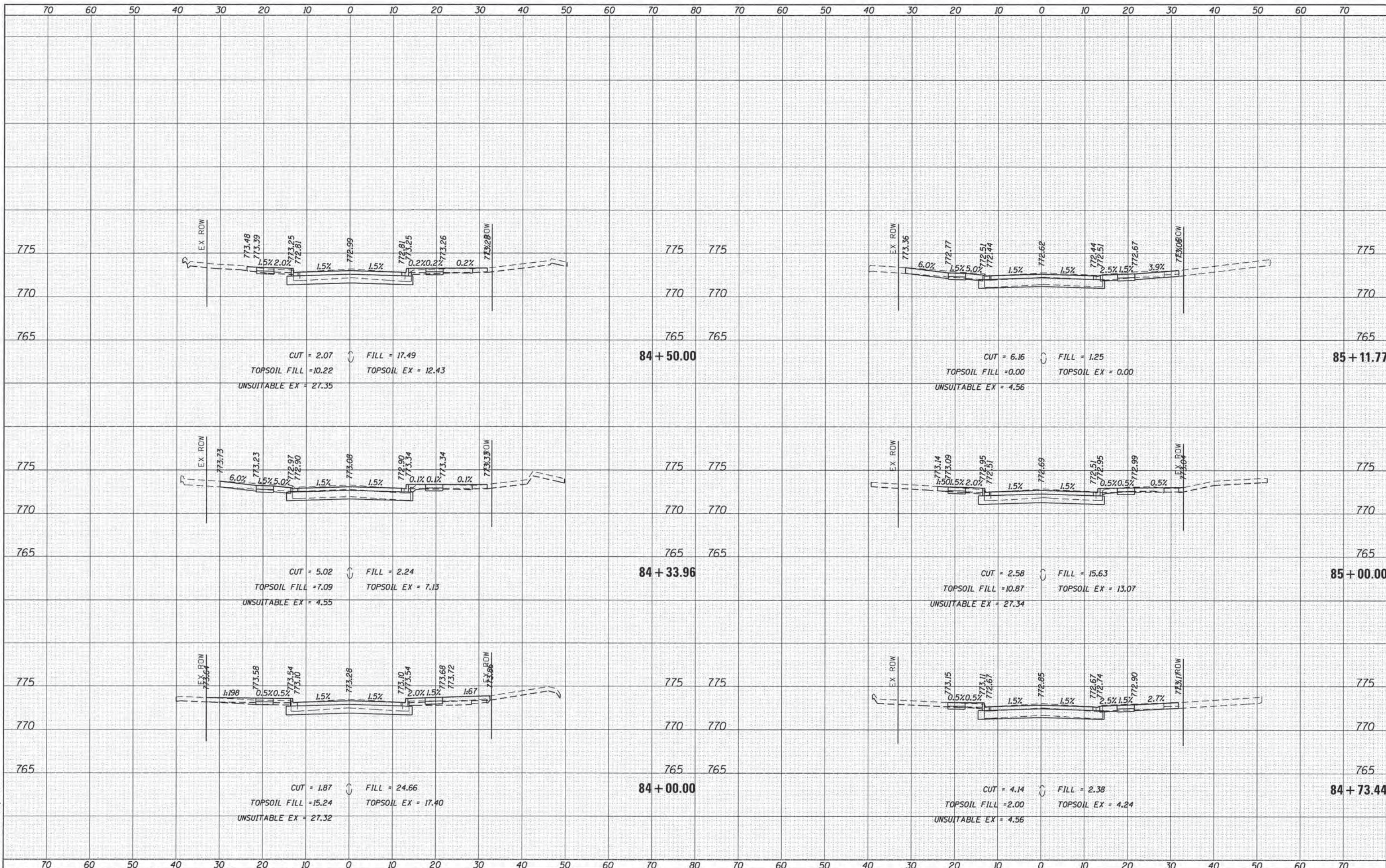
<b>CROSS SECTIONS BECK ROAD</b>	
SCALE:	1"=10'
SHEET	32 OF 44 SHEETS
STA.	82+78.04 TO STA. 83+86.96

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
160	14-00030-00-RS	LAKE	213	201
				CONTRACT NO. 61C68
ILLINOIS FED. AID PROJECT				



DATE	
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FINAL SURVEY	
PLOTTED	
NOTE BOOK	
AREAS CHECKED	
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DATE	
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ORIGINAL SURVEY	
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NOTE BOOK	
AREAS CHECKED	
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FILE NAME = D:\12345-xsc-m1\_sheets.dgn  
 GHA\* 4477.025  
 XS.SHEET\_temporary\_model\_name.33

USER NAME = mcaleman	DESIGNED - MAC	REVISED -
PLLOT SCALE = 1:10	DRAWN - ZCW	REVISED -
PLLOT DATE = 1/25/2016	CHECKED - KLB	REVISED -
	DATE -	REVISED -

STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION

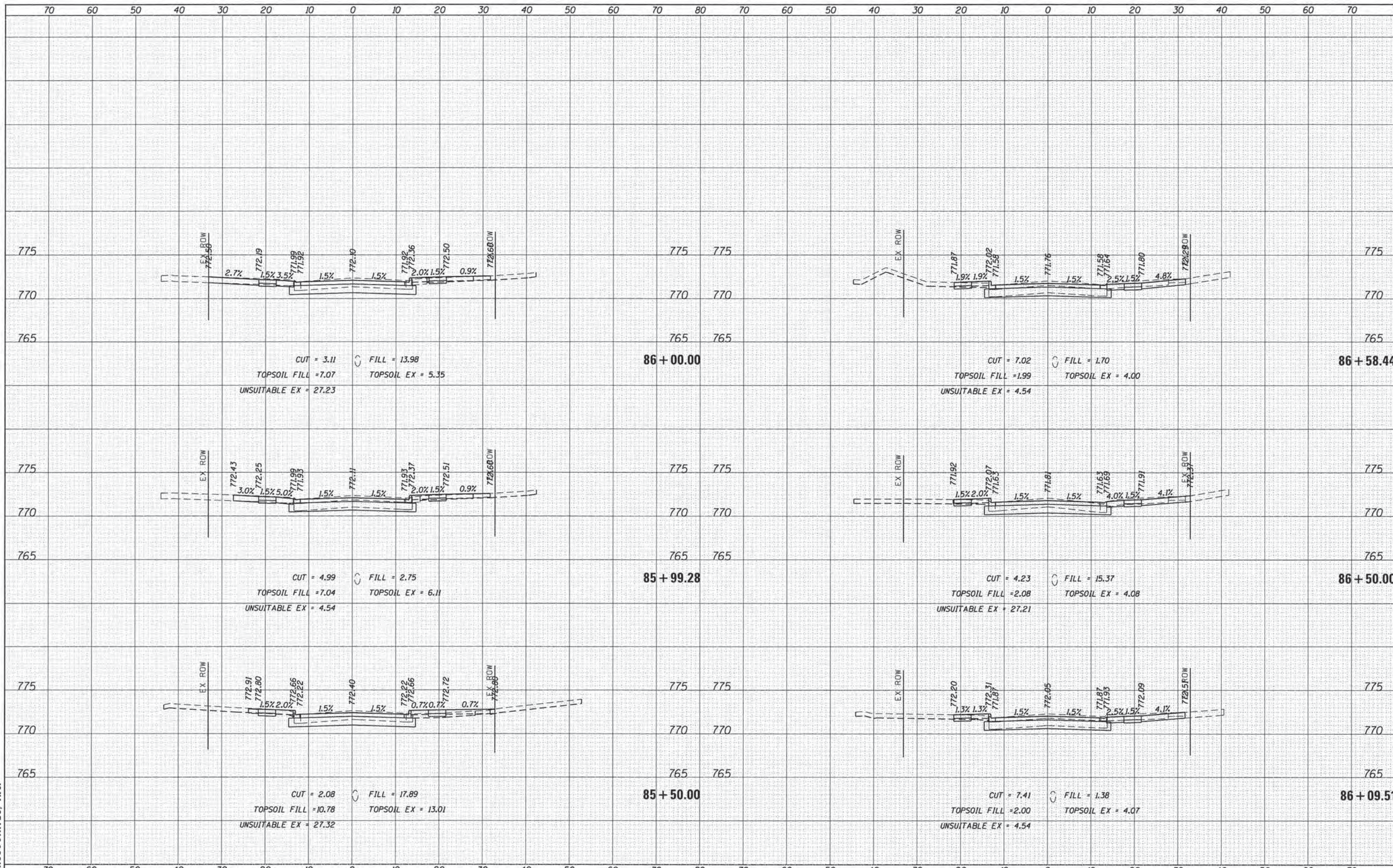
CROSS SECTIONS  
 BECK ROAD  
 SCALE: 1"=10'  
 SHEET 33 OF 44 SHEETS STA. 84+00.00 TO STA. 85+11.77

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
160	14-00030-00-RS	LAKE	213	202
CONTRACT NO. 61C68				
ILLINOIS FED. AID PROJECT				



DATE	
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FINAL SURVEY	
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DATE	
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ORIGINAL SURVEY	
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TEMPLATE	
NOTE BOOK	
AREAS CHECKED	



FILE NAME = D:\12345-xsc-m1\_sheets.dgn  
 GHA\* 4477.025  
 XS.SHEET\_temporary\_model\_name\_34

USER NAME = mcolem	DESIGNED - MAC	REVISED -
PLLOT SCALE = 1:10	DRAWN - ZCW	REVISED -
PLLOT DATE = 1/25/2016	CHECKED - KLB	REVISED -
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STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

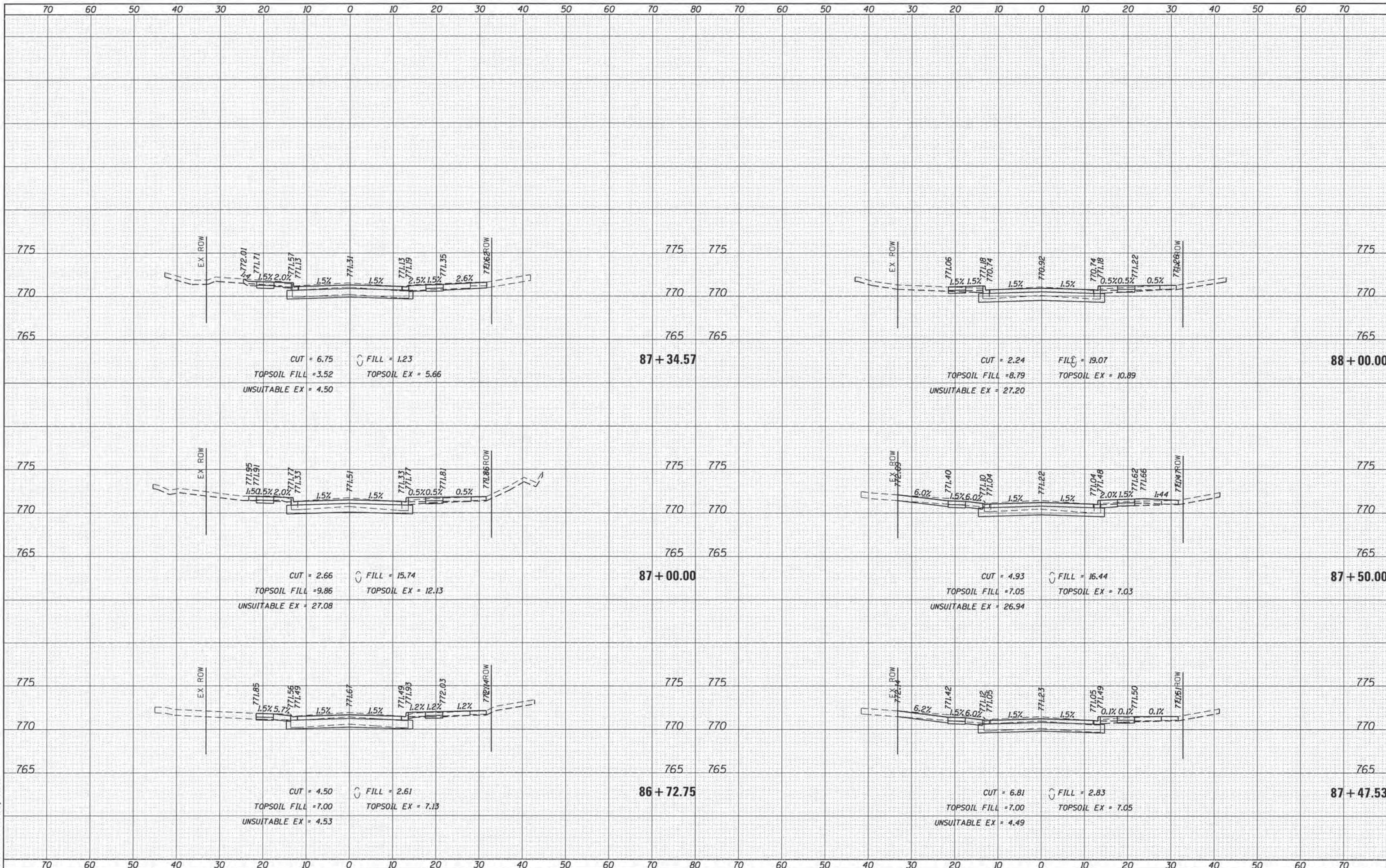
CROSS SECTIONS  
BECK ROAD  
SCALE: 1"=10'  
SHEET 34 OF 44 SHEETS STA. 85+50.00 TO STA. 86+58.44

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
160	14-00030-00-RS	LAKE	213	203
CONTRACT NO. 61C68				
ILLINOIS FED. AID PROJECT				



DATE  
BY  
SURVEYED  
PLOTTED  
NOTE BOOK  
NO. AREAS CHECKED

DATE  
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NOTE BOOK  
NO. AREAS CHECKED



FILE NAME = D:\12345\\*xsc\\*ml\\*sheets.dgn  
GHA\* 4477.025  
XS.SHEET\_temporary\_model\_name.35

USER NAME = moaleman  
DESIGNED - MAC  
DRAWN - ZCW  
CHECKED - KLB  
DATE -  
PLOT SCALE = 1:10  
PLOT DATE = 1/25/2016

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STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

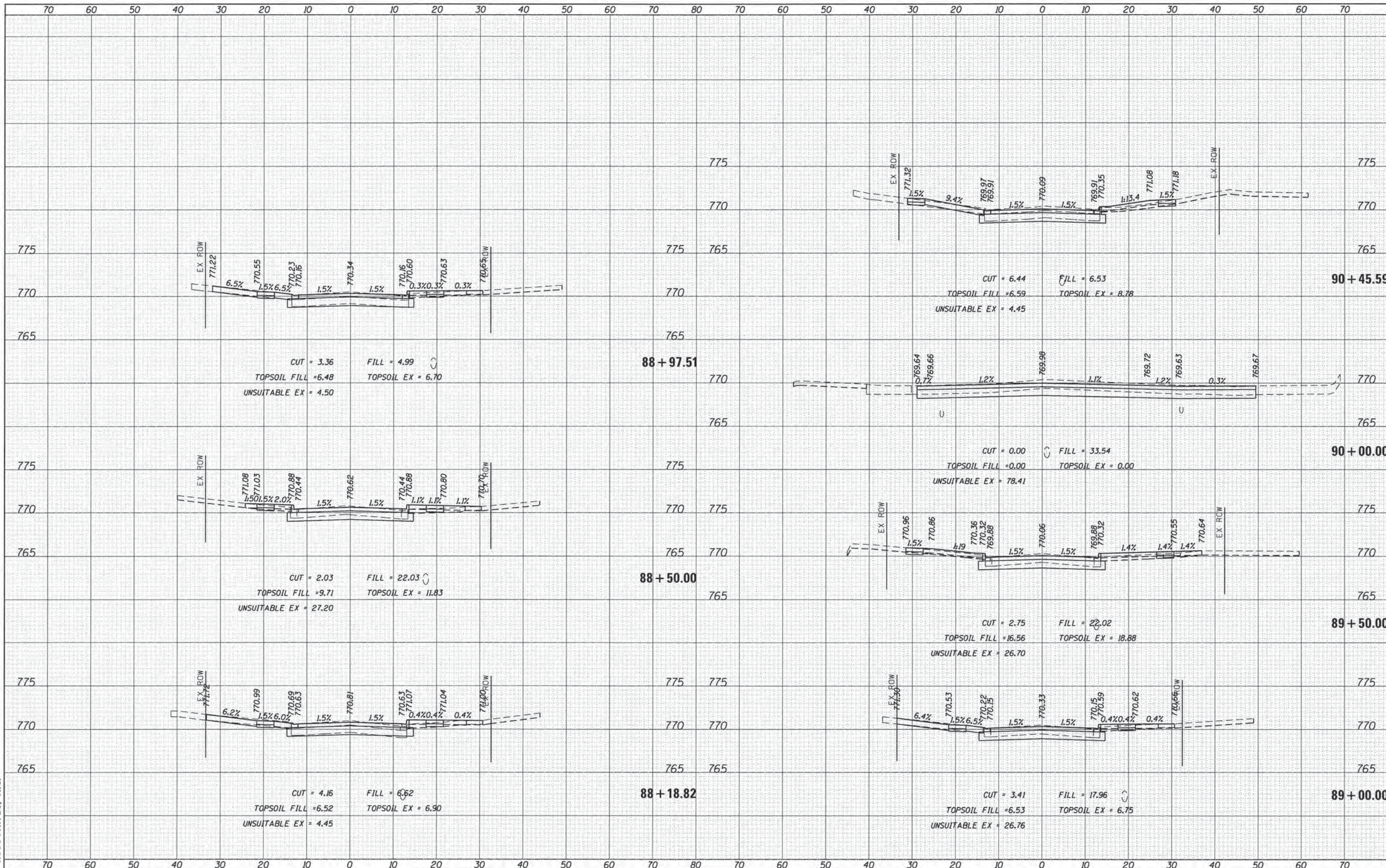
CROSS SECTIONS  
BECK ROAD  
SCALE: 1"=10'  
SHEET 35 OF 44 SHEETS  
STA. 86+72.75 TO STA. 88+00.00

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
160	14-00030-00-RS	LAKE	213	204
CONTRACT NO. 61C68				
ILLINOIS FED. AID PROJECT				



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NOTE BOOK	
AREAS CHECKED	



FILE NAME = D:\12345-xsc\m1.sheets.dgn  
 GHA\* 4477.025  
 XS.SHEET\_temporary\_model\_name\_36

USER NAME = moaleman  
 DESIGNED - MAC  
 DRAWN - ZCW  
 CHECKED - KLB  
 DATE -

REVISED -  
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STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION

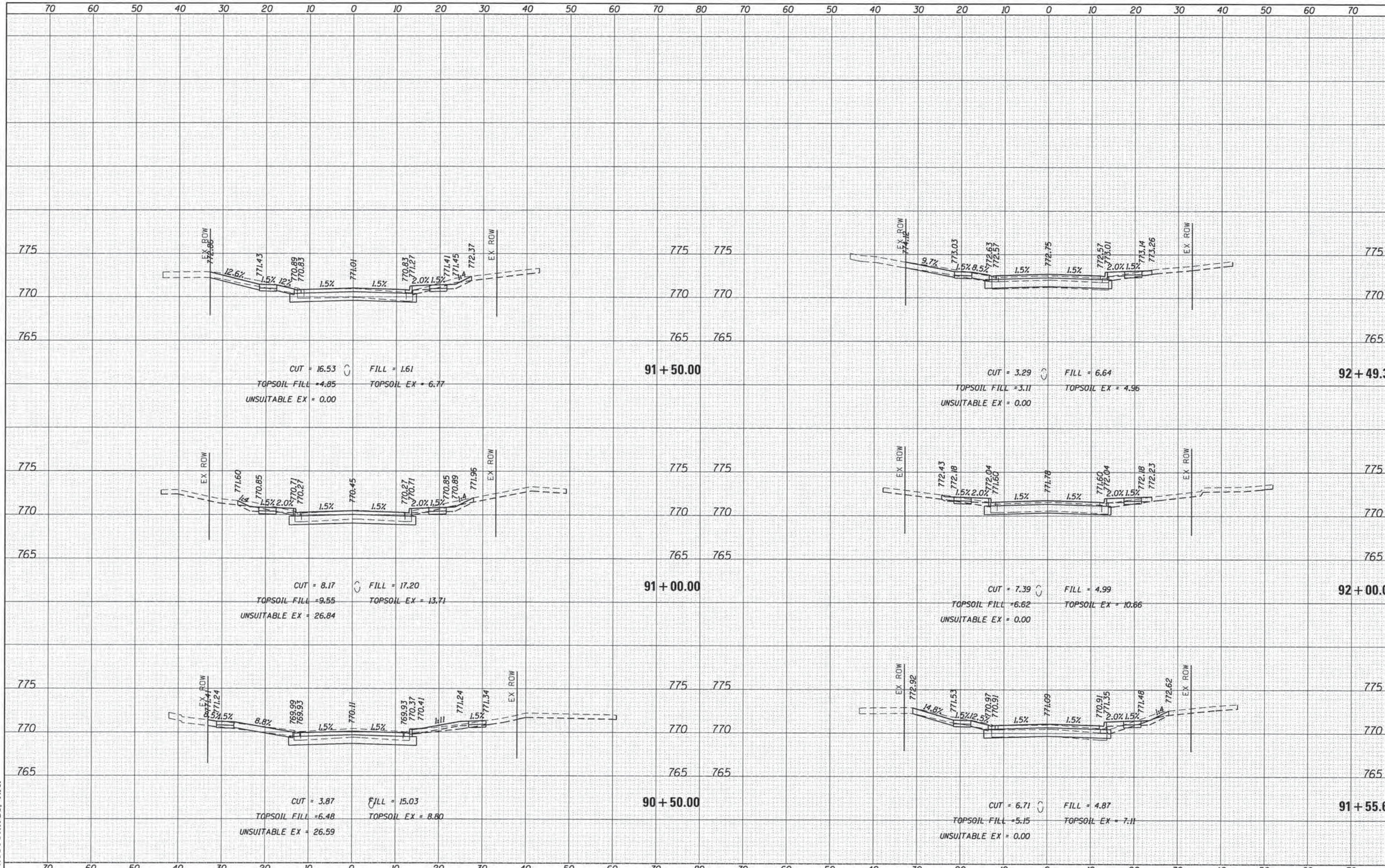
CROSS SECTIONS  
 BECK ROAD  
 SCALE: 1"=10'  
 SHEET 36 OF 44 SHEETS  
 STA. 88+18.82 TO STA. 90+45.59

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
160	14-00030-00-RS	LAKE	213	205
CONTRACT NO. 61C68			ILLINOIS FED. AID PROJECT	



DATE	
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TEMPLATE	
NOTE BOOK	
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FILE NAME = D:\12345-xsc-ml-sheets.dgn  
 GHA\* 4477.825  
 XS.SHEET-temporary\_model\_name\_37

USER NAME = mcoelemen  
 DESIGNED - MAC  
 DRAWN - ZCW  
 CHECKED - KLB  
 DATE -

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STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION

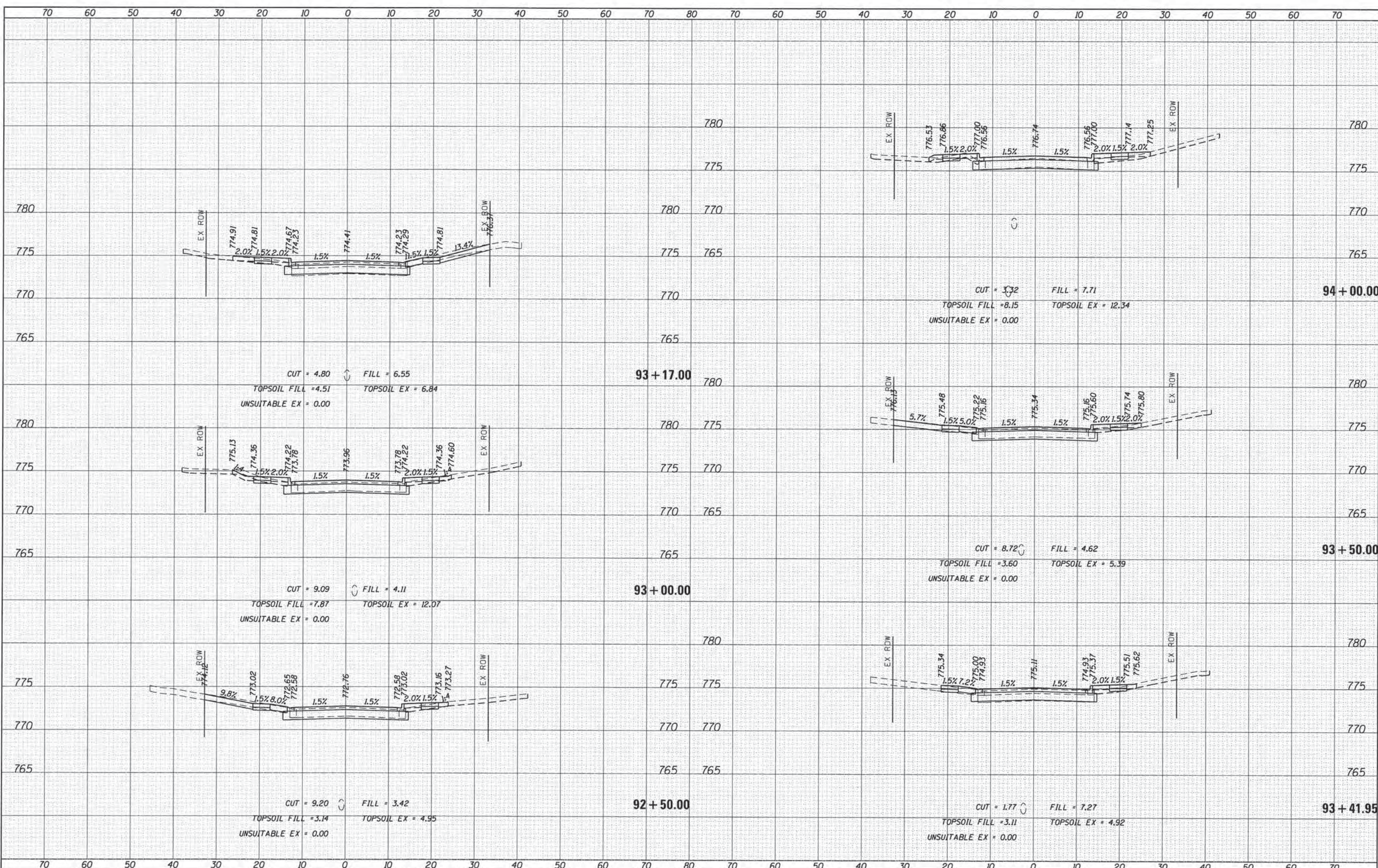
CROSS SECTIONS  
 BECK ROAD  
 SCALE: 1"=10'  
 SHEET 37 OF 44 SHEETS STA. 90+50.00 TO STA. 92+49.34

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
160	14-00030-00-RS	LAKE	213	206
CONTRACT NO. 61C68			ILLINOIS FED. AID PROJECT	



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

DATE: \_\_\_\_\_ BY: \_\_\_\_\_  
 SURVEYED: \_\_\_\_\_ PLOTTED: \_\_\_\_\_  
 ORIGINAL SURVEY: \_\_\_\_\_ TEMPLATE: \_\_\_\_\_  
 NOTE BOOK: \_\_\_\_\_ AREAS CHECKED: \_\_\_\_\_  
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FILE NAME = D:\12345-xsc-m\_sheets.dgn  
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USER NAME = mcolem	DESIGNED - MAC	REVISED -
PLOT SCALE = 1:10	DRAWN - ZCW	REVISED -
PLOT DATE = 1/25/2016	CHECKED - KLB	REVISED -
	DATE -	REVISED -

**STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION**

**CROSS SECTIONS  
 BECK ROAD**

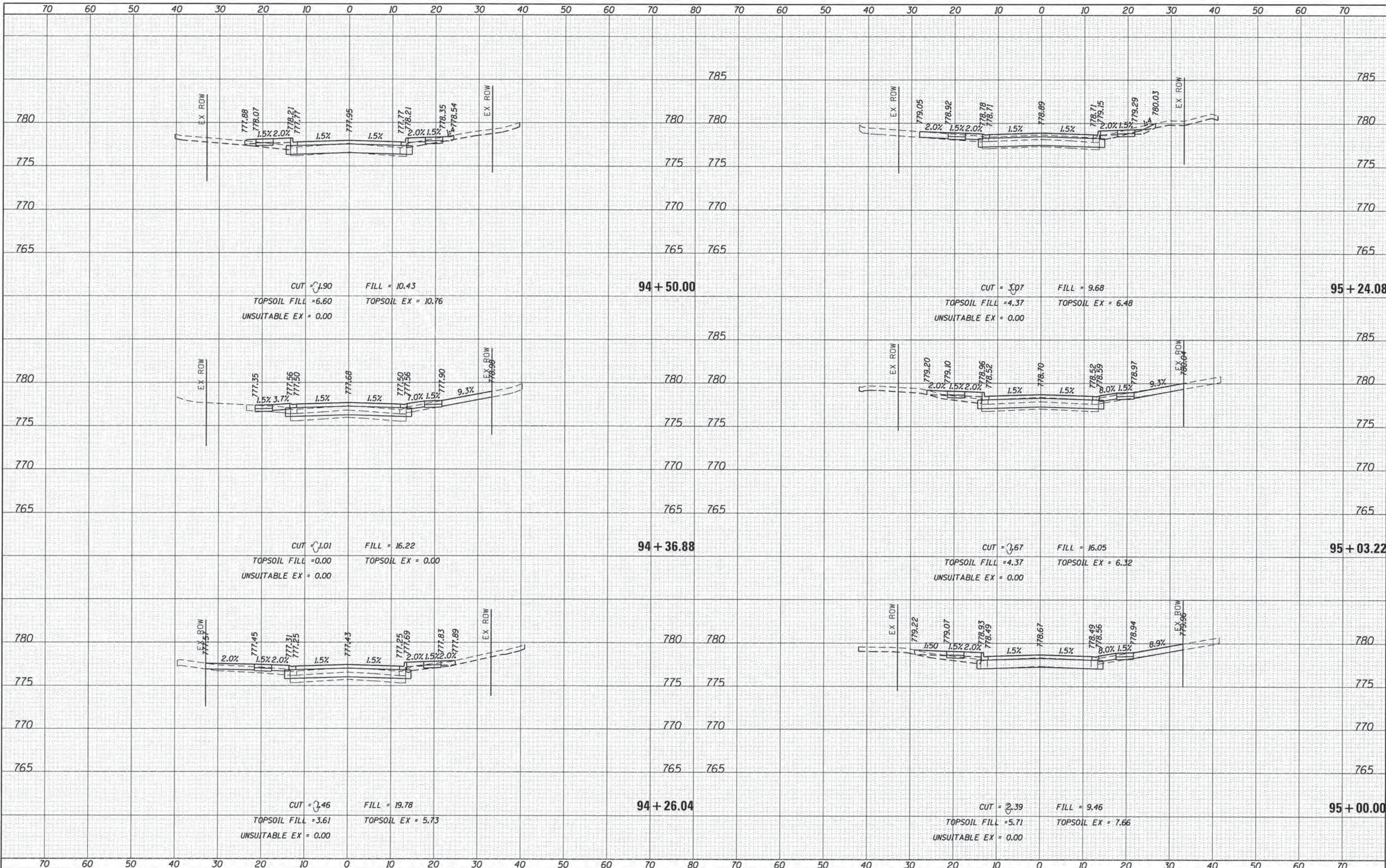
SCALE: 1"=10'    SHEET 38 OF 44 SHEETS    STA. 92+50.00 TO STA. 94+00.00

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
160	14-00030-00-RS	LAKE	213	207
CONTRACT NO. 61C68				
ILLINOIS FED. AID PROJECT				



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NOTE BOOK  
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NOTE BOOK  
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FILE NAME = D:\12345-xsc-m\sheets.dgn  
GHA\* 4477.025  
XS\_SHEET\_temporary\_model\_name\_39

USER NAME = macolan	DESIGNED - MAC	REVISED -
PLOT SCALE = 1:10	DRAWN - ZCW	REVISED -
PLOT DATE = 1/25/2016	CHECKED - KLB	REVISED -
	DATE -	REVISED -

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

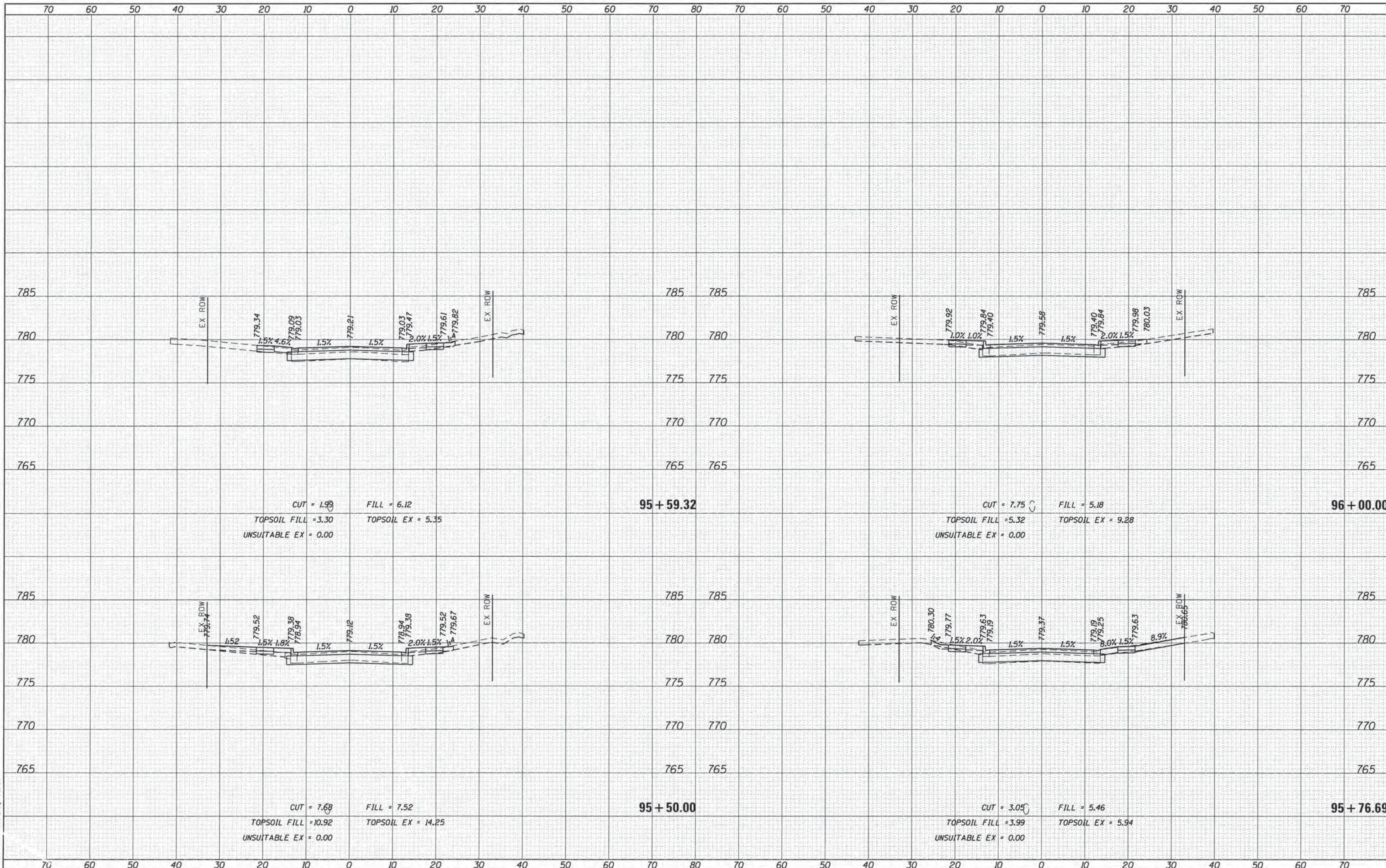
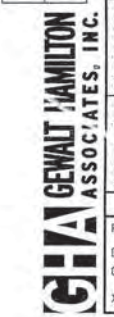
CROSS SECTIONS  
BECK ROAD  
SCALE: 1"=10'  
SHEET 39 OF 44 SHEETS | STA. 94+26.04 TO STA. 95+24.08

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
160	14-00030-00-RS	LAKE	213	208
CONTRACT NO. 61C68				
ILLINOIS FED. AID PROJECT				



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ORIGINAL SURVEY	
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NOTE BOOK	
AREAS CHECKED	



FILE NAME = D:\12345-xsc-m1\_sheets.dgn  
 USER NAME = moaleman  
 PLOT SCALE = 1:10  
 PLOT DATE = 1/25/2016

DESIGNED - MAC  
 DRAWN - ZCW  
 CHECKED - KLB  
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**STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION**

**CROSS SECTIONS  
 BECK ROAD**

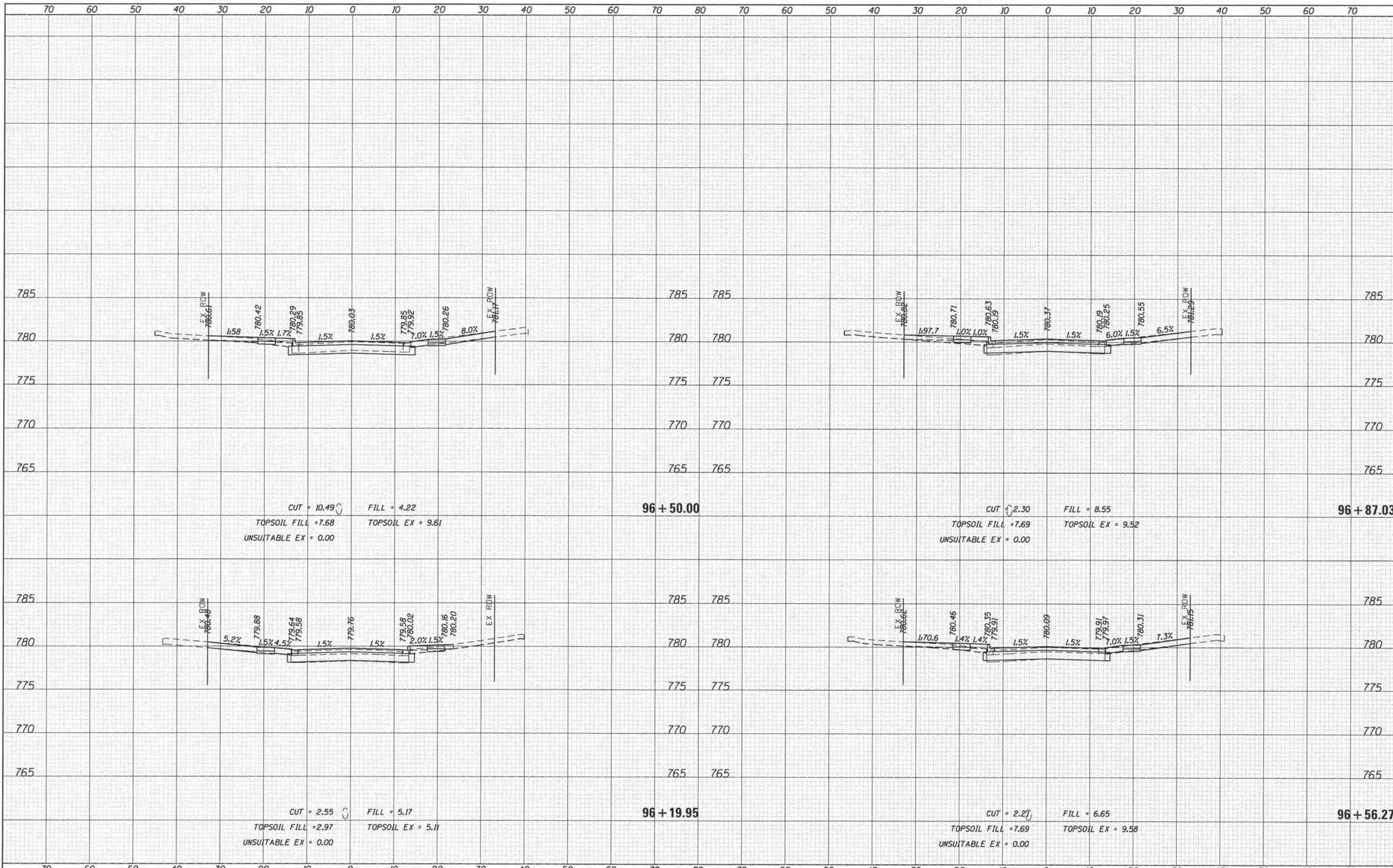
SCALE: 1"=10'  
 SHEET 40 OF 44 SHEETS  
 STA. 95+50.00 TO STA. 96+00.00

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
160	14-00030-00-RS	LAKE	213	209
CONTRACT NO. 61C68				
ILLINOIS FED. AID PROJECT				



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 NOTE BOOK \_\_\_\_\_  
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DATE: \_\_\_\_\_  
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 SURVEYED \_\_\_\_\_  
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 NOTE BOOK \_\_\_\_\_  
 TEMPLATE \_\_\_\_\_  
 AREAS CHECKED \_\_\_\_\_



FILE NAME = D:\12345-xsc-m1.sheets.dgn  
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 XS.SHEET\_temporary\_model\_name.41

USER NAME = mcolman  
 PLOT SCALE = 1:10  
 PLOT DATE = 1/25/2016

DESIGNED - MAC  
 DRAWN - ZCW  
 CHECKED - KLB  
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STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION

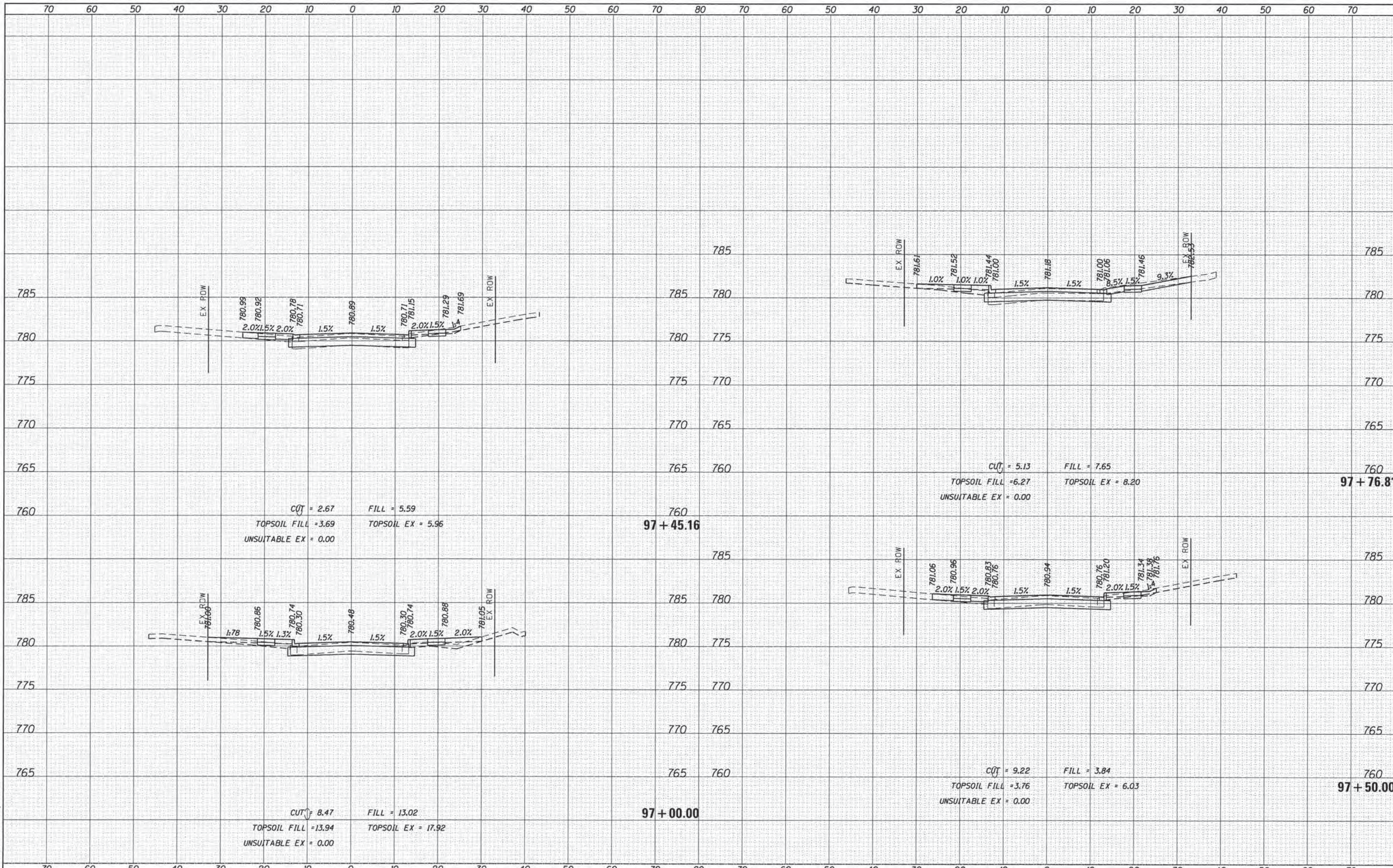
CROSS SECTIONS  
 BECK ROAD  
 SCALE: 1"=10'  
 SHEET 41 OF 44 SHEETS STA. 96+19.95 TO STA. 96+87.03

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
160	14-00030-00-RS	LAKE	213	210
CONTRACT NO. 61C68				
ILLINOIS FED. AID PROJECT				



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NOTE BOOK	
AREAS CHECKED	

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NOTE BOOK	
AREAS CHECKED	



FILE NAME = D:\12345-xsc-m.l.sheets.dgn  
 GHAY 4477.025  
 XS.SHEET\_temporary\_model\_name.42

USER NAME = mcoleman	DESIGNED - MAC	REVISED -
PLOT SCALE = 1:10	DRAWN - ZCW	REVISED -
PLOT DATE = 1/25/2016	CHECKED - KLB	REVISED -
	DATE -	REVISED -

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**CROSS SECTIONS  
BECK ROAD**

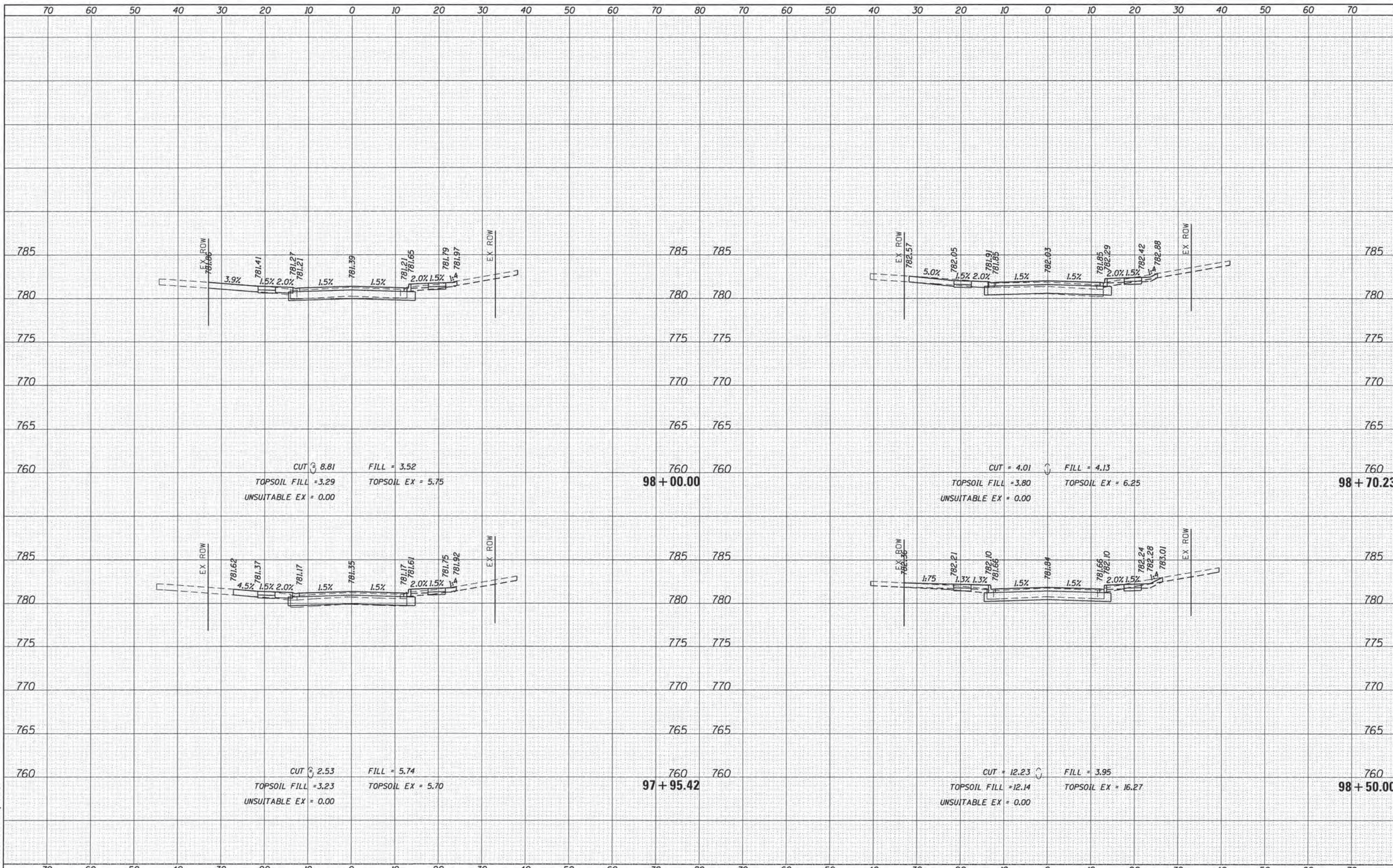
SCALE: 1"=10'    SHEET 42 OF 44 SHEETS    STA. 97+00.00 TO STA. 97+76.81

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
160	14-00030-00-RS	LAKE	213	211
				CONTRACT NO. 61C68
ILLINOIS FED. AID PROJECT				



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NOTE BOOK	
AREAS CHECKED	

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NOTE BOOK	
AREAS CHECKED	



FILE NAME = D:\12345\ksc\m1\sheet.dgn  
 DHA\* 4477.025  
 XS.SHEET\_temporary\_model\_name\_43

USER NAME = moleman	DESIGNED - MAC	REVISED -
PLLOT SCALE = 1:100	DRAWN - ZCW	REVISED -
PLLOT DATE = 1/25/2016	CHECKED - KLB	REVISED -
	DATE -	REVISED -

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

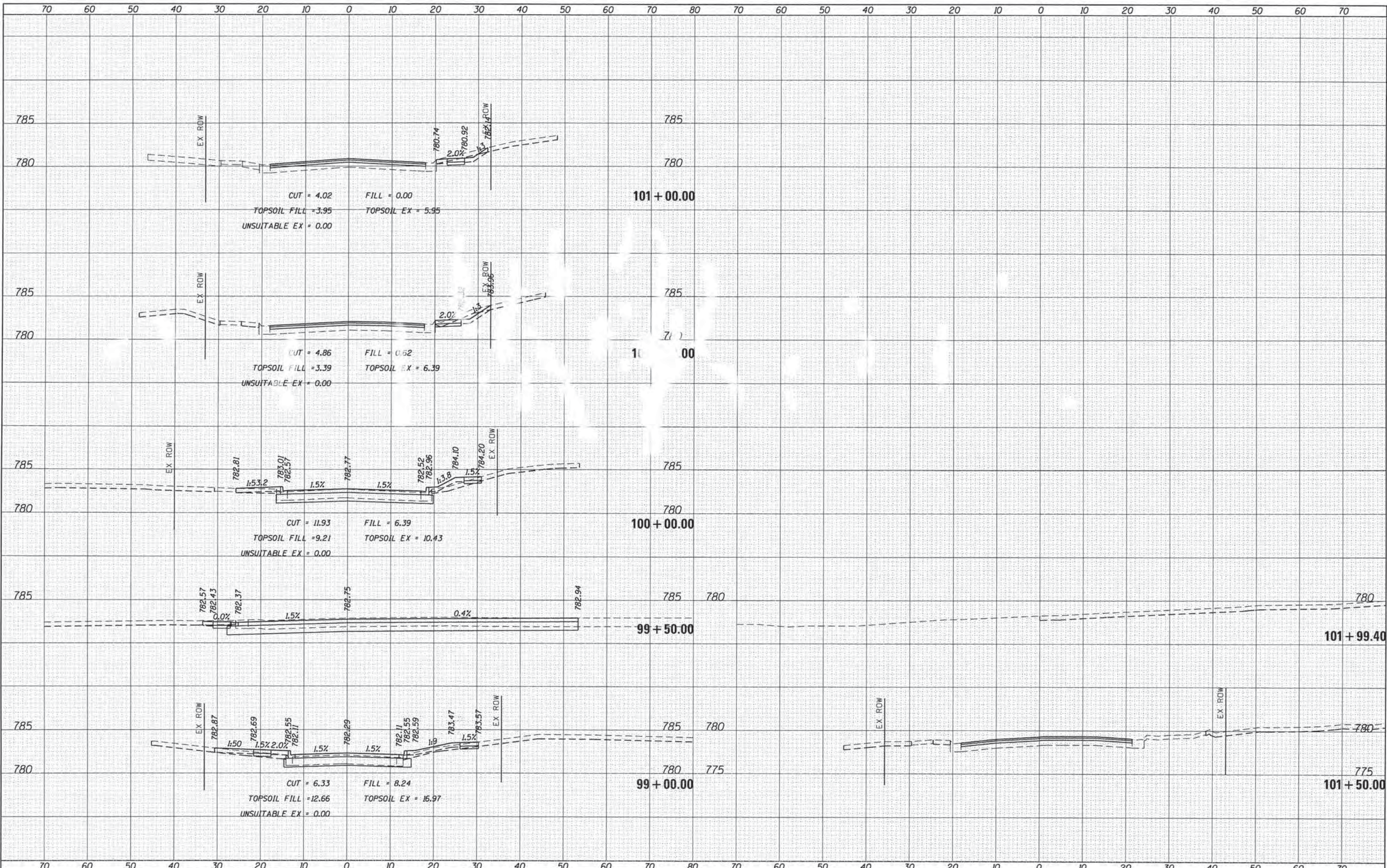
CROSS SECTIONS  
BECK ROAD  
SCALE: 1"=10'  
SHEET 43 OF 44 SHEETS  
STA. 97+95.42 TO STA. 98+70.23

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
160	14-00030-00-R5	LAKE	213	212
CONTRACT NO. 61C68			ILLINOIS FED. AID PROJECT	



DATE	
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SURVEY	
PLOTTED	
NOTE BOOK	
AREAS CHECKED	
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DATE	
BY	
ORIGINAL	
SURVEY	
PLOTTED	
NOTE BOOK	
AREAS CHECKED	
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FILE NAME = D:\12345-xsc-ml.sheets.dgn  
 GHA\* 4477.025  
 XS.SHEET\_temporary\_model\_name.44

USER NAME = mcoleman	DESIGNED - MAC	REVISED -
PLLOT SCALE = 1:10	DRAWN - ZCW	REVISED -
PLLOT DATE = 1/25/2016	CHECKED - KLB	REVISED -
	DATE -	REVISED -

STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION

CROSS SECTIONS  
 BECK ROAD  
 SCALE: 1"=10'  
 SHEET 44 OF 44 SHEETS  
 STA. 99+00.00 TO STA. 101+99.40

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
160	14-00030-00-RS	LAKE	213	213
CONTRACT NO. 61C68				
ILLINOIS FED. AID PROJECT				