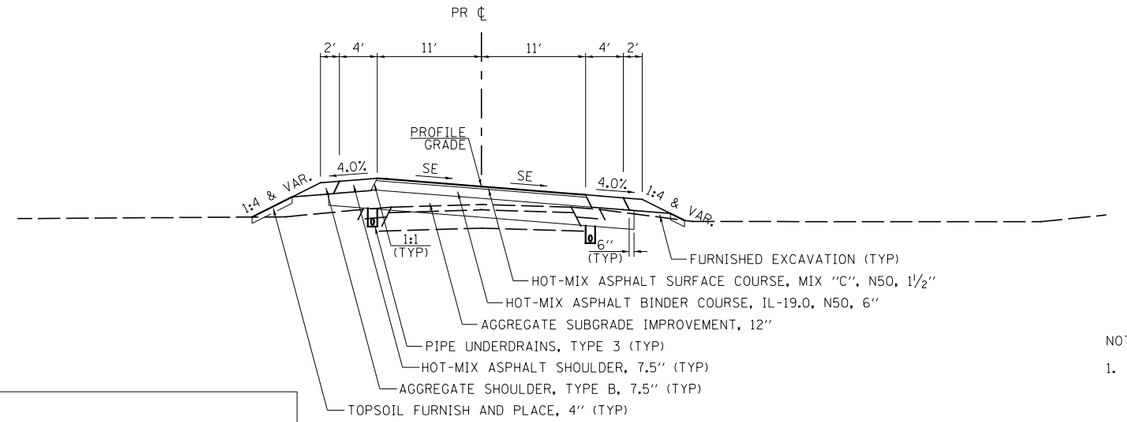


PROPOSED TYPICAL SECTION
MAIN ST.

STA 99+54.60 TO STA 104+53.54

NOTES:

1. SEE SHEET 7 FOR SUPERELEVATION TRANSITION DETAILS.

HOT-MIX ASPHALT MIXTURE REQUIREMENTS					
LOCATION(S):	ENTIRE PROJECT	ENTIRE PROJECT	ENTIRE PROJECT	ENTIRE PROJECT	ENTIRE PROJECT
MIXTURE USE(S):	HMA BINDER	HMA SURFACE	HMA SHOULDER BOTTOM LIFT(S)	HMA SHOULDER TOP LIFT	INCIDENTAL HMA
BINDER GRADE (PG):	PG64-22	PG64-22	PG64-22	PG64-22	PG64-22
DESIGN AIR VOIDS:	4.0% @ N50	4.0% @ N50	4.0% @ N50	4.0% @ N50	4.0% @ N50
MIXTURE COMPOSITION: (MIXTURE GRADATION)	IL 19.0	IL 9.5	IL 19.0	IL 9.5	IL 9.5
FRICTION AGGREGATE:		MIXTURE C			
MIXTURE WEIGHT:	112.0 LB/SY/IN	112.0 LB/SY/IN	112.0 LB/SY/IN	112.0 LB/SY/IN	112.0 LB/SY/IN
QUALITY MANAGEMENT PROGRAM:	QCQA	QCQA	QCQA	QCQA	QCQA
SUBLOT SIZE:	NA	NA	NA	NA	NA
DENSITY TEST METHOD:	CORES/NUCLEAR	CORES/NUCLEAR	CORES/NUCLEAR	CORES/NUCLEAR	SATISFACTION OF ENGINEER

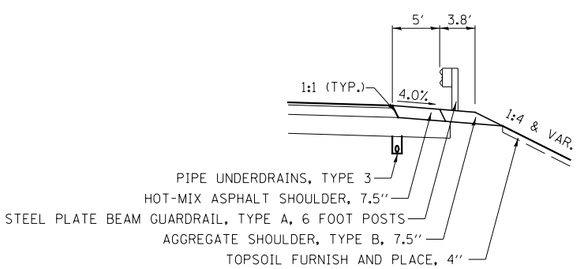
MAIN ST. STRUCTURAL PAVEMENT DESIGN

STRUCTURAL DESIGN TRAFFIC (S.D.T.) YEAR 2021

PV = 768 SU = 8 MU = 8
CLASS III ROAD
SUBGRADE = POOR
TRAFFIC FACTOR = 0.04

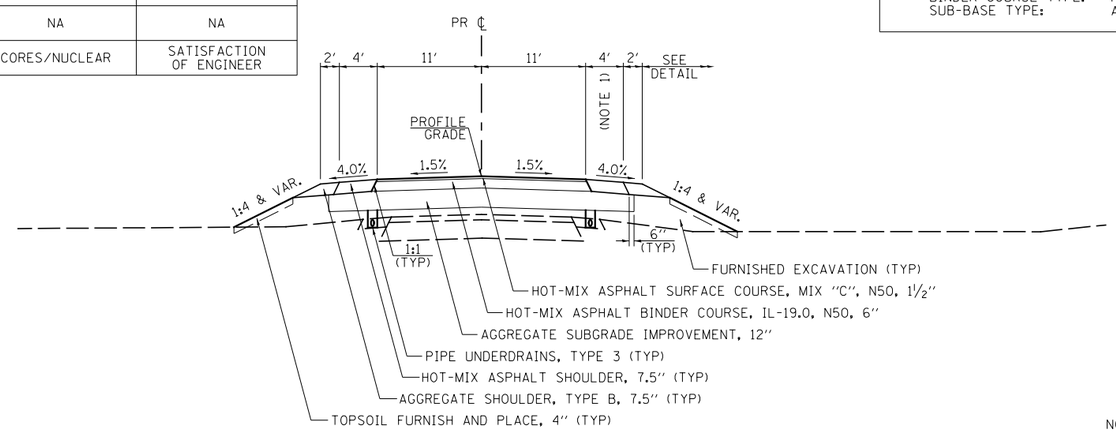
PAVEMENT STRUCTURE MATERIALS:

SURFACE COURSE TYPE: HOT-MIX ASPHALT SURFACE COURSE, MIX C, N50, 1½″
BINDER COURSE TYPE: HOT-MIX ASPHALT BINDER COURSE, IL-19.0, N50, 6″
SUB-BASE TYPE: AGGREGATE SUBGRADE IMPROVEMENT, 12″



DETAIL

STA. 105+95.7 TO STA. 106+85.5 RT



PROPOSED TYPICAL SECTION
MAIN ST.

STA 104+53.54 TO STA 106+85.5

NOTES:

1. VARIES FROM 4′ @ STA. 105+61 TO 5′ @ STA. 105+86

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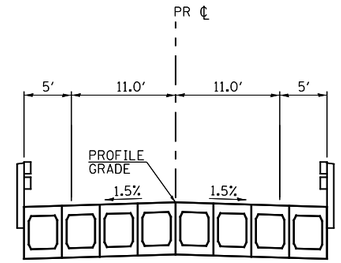
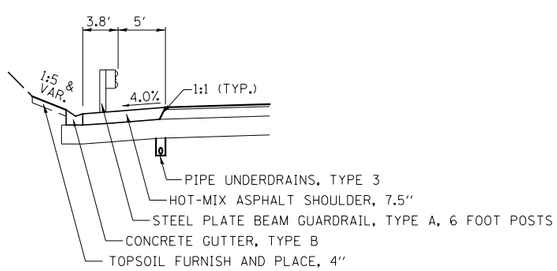
	PLOT SCALE = 16.0000 ′ / in.	CHECKED -	REVISED -					CONTRACT NO. 87665	
	PLOT DATE = 10/30/2018	DATE -	REVISED -		SCALE: N/A / SHEET NO. 2 OF 3 SHEETS / STA. N/A / TO STA. N/A		ILLINOIS		



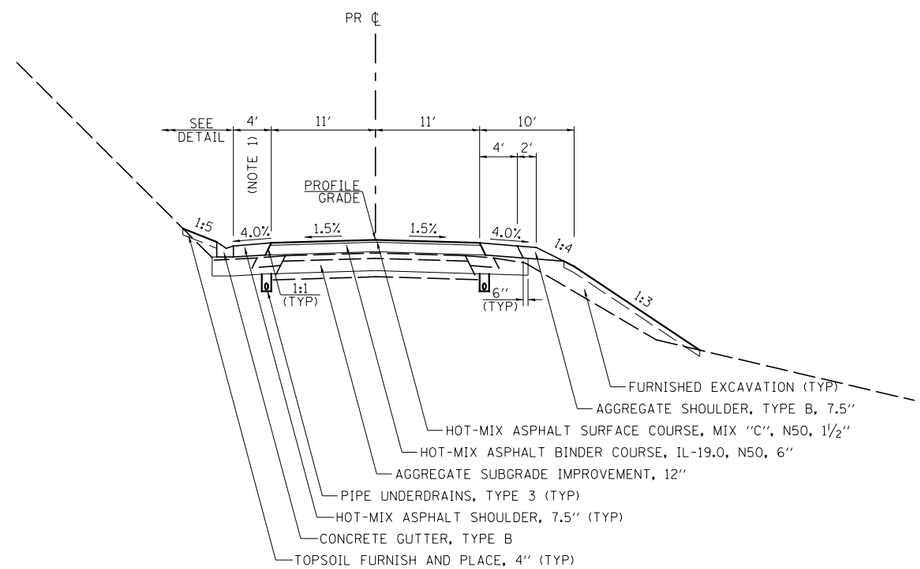
PROPOSED TYPICAL SECTION
MAIN ST.

STA 106+85.5 TO STA 108+14.0



DETAIL

STA. 108+14.0 TO STA. 109+03.7 LT



PROPOSED TYPICAL SECTION
MAIN ST.

STA 108+14.0 TO STA 110+73.3

NOTES:

1. VARIES FROM 5' @ STA. 109+14 TO 4' @ STA. 109+44

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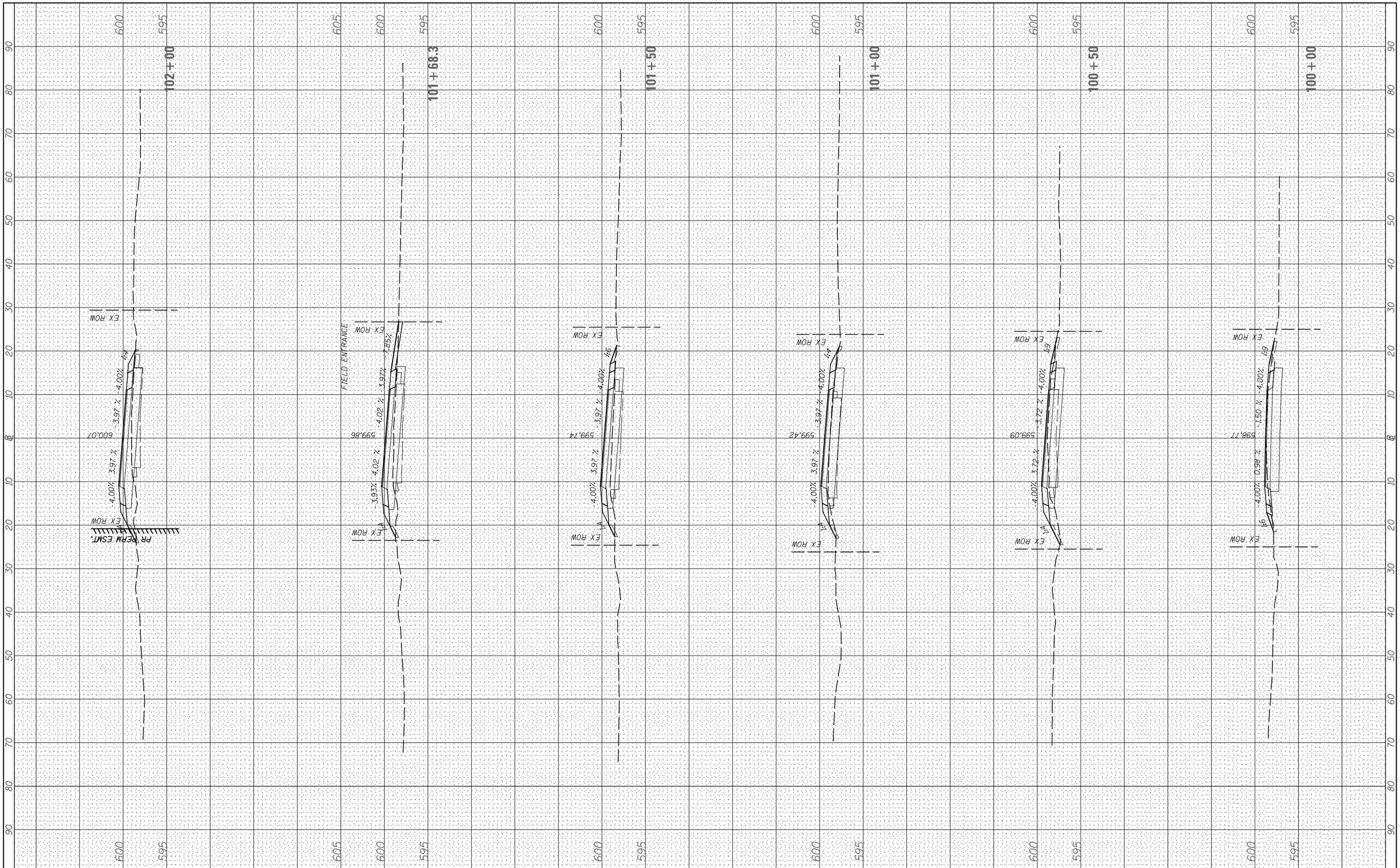
	- revised.dgn	DRAWN -	REVISED -					1630	15-00045-00-BR	KENDALL	40 / 6
	PLOT SCALE = 16.0000 ' / in.	CHECKED -	REVISED -							CONTRACT NO. 87665	
	PLOT DATE = 10/30/2018	DATE -	REVISED -		SCALE: N/A	SHEET NO. 3 OF 3 SHEETS	STA. N/A TO STA. N/A		ILLINOIS		



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

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

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Default	PLOT DATE = 10/30/2018	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

MAIN ST
CROSS SECTIONS

SCALE: H=10 V=5 | SHEET 1 OF 6 SHEETS | STA. 100+00 TO STA.102+00

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
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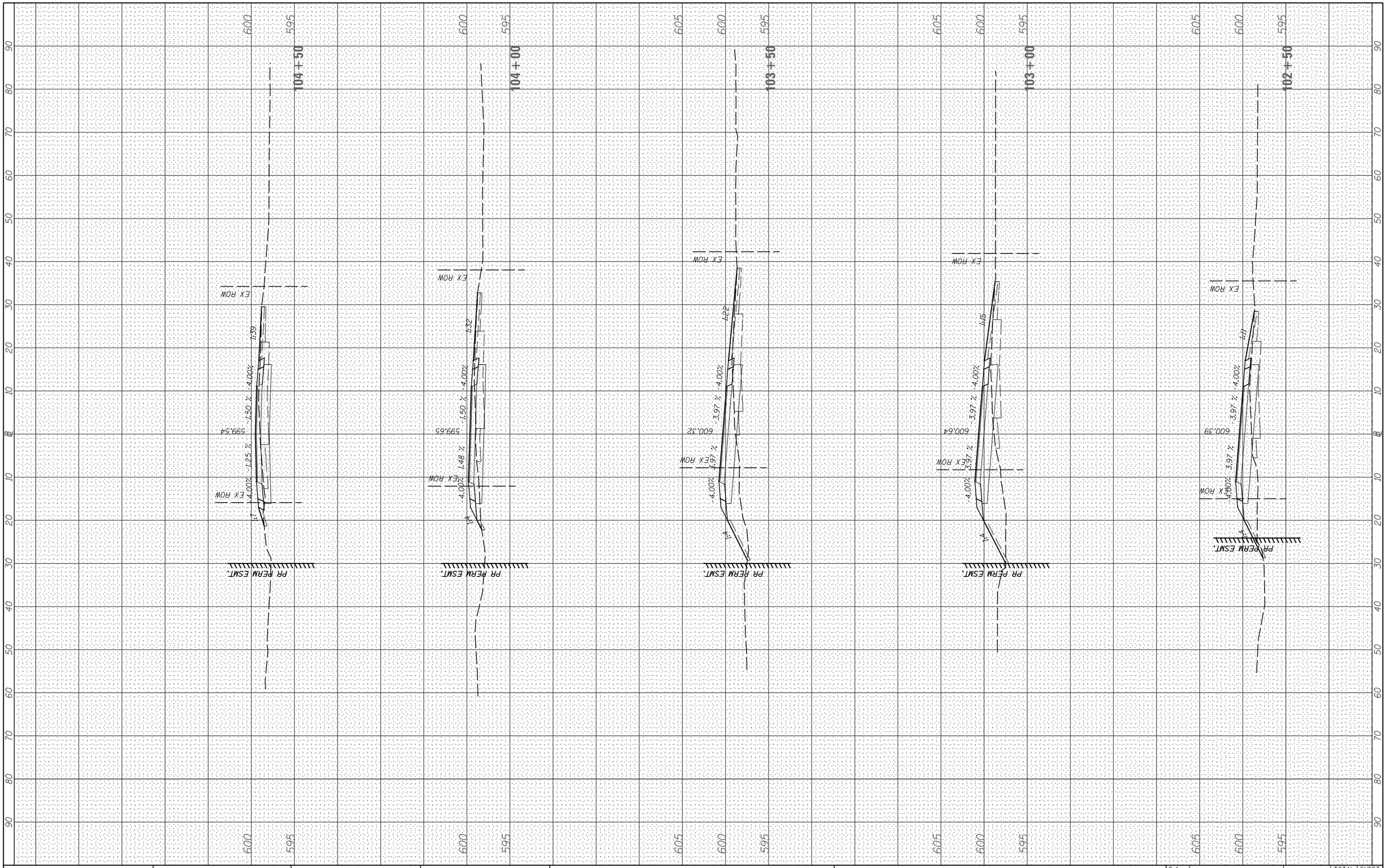
		CONTRACT NO. 87665		
	ILLINOIS FED. AID PROJECT			



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SURVEYED		
PLOTTED		
TEMPLATE		
AREAS		
AREAS CHECKED		
NOTE BOOK		
NO.		

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

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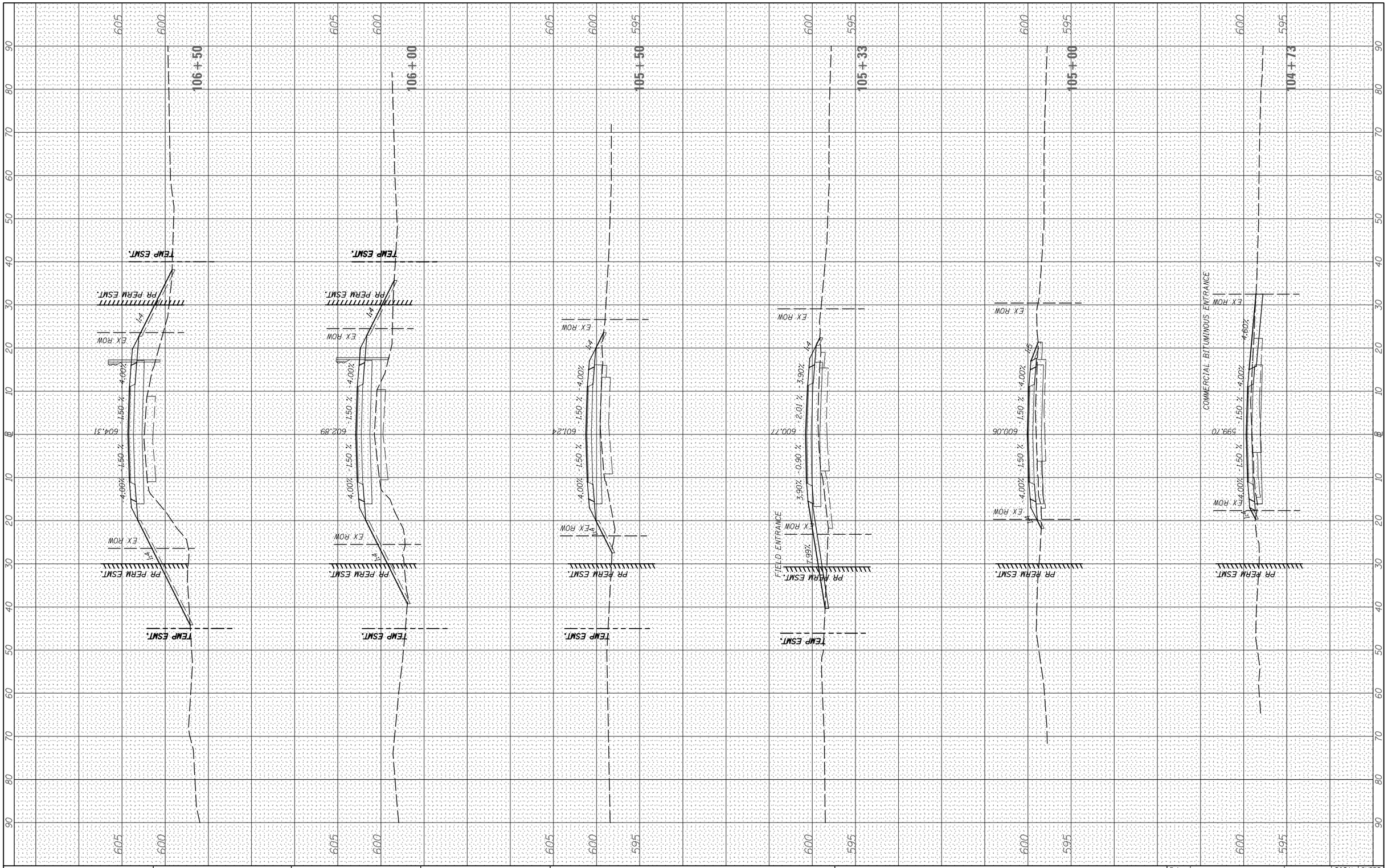
Default	PLOT DATE = 10/30/2018	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

MAIN ST
CROSS SECTIONS

SCALE: H=10 V=5 | SHEET 2 OF 6 SHEETS | STA. 102+50 TO STA.104+50

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	15-00045-00-BR	KENDALL	40	36
		CONTRACT NO. 87665		
	ILLINOIS FED. AID PROJECT			



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

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

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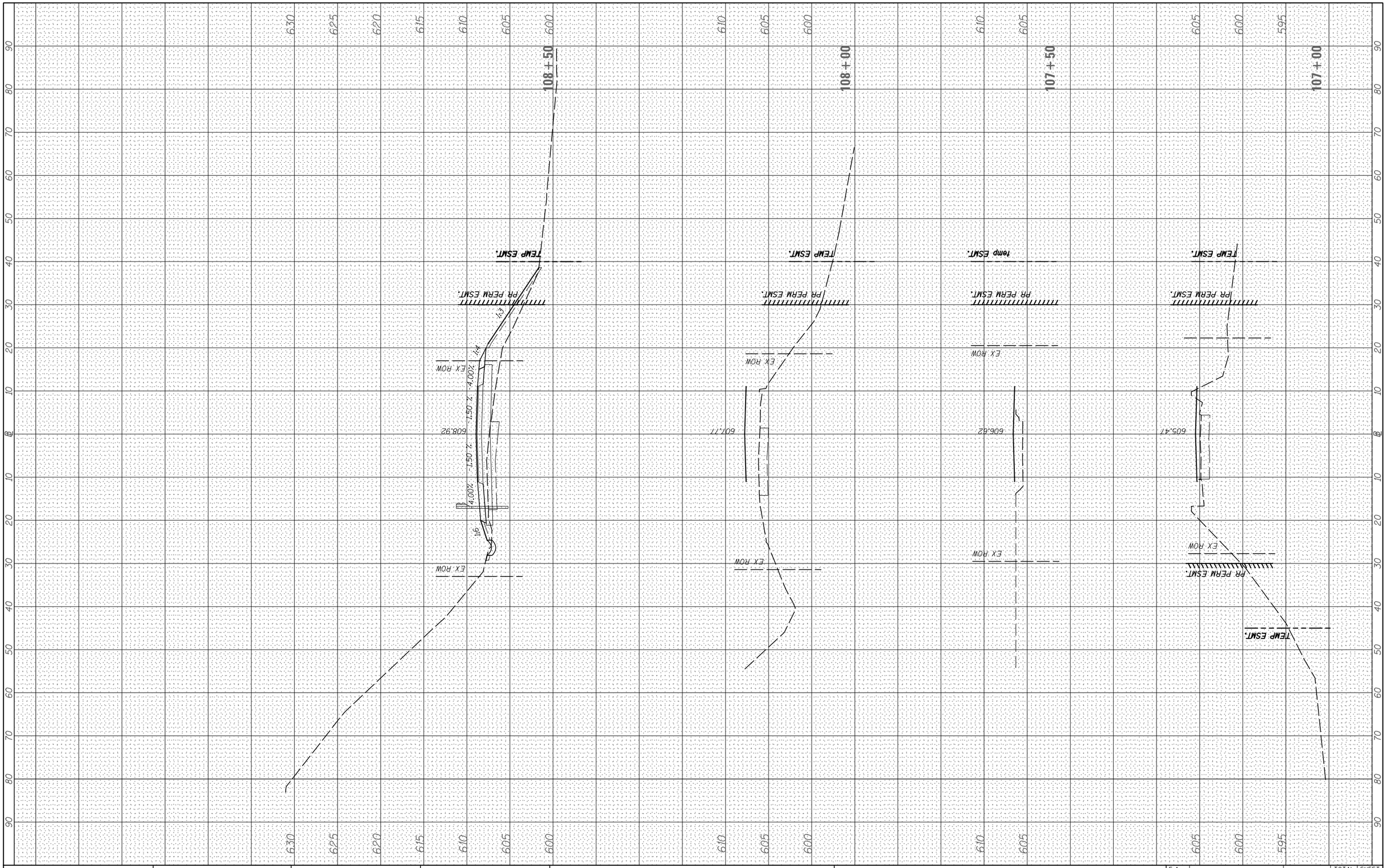
Default	PLOT DATE = 10/30/2018	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

MAIN ST
CROSS SECTIONS

SCALE: H=10 V=5 | SHEET 3 OF 6 SHEETS | STA. 104+73 TO STA.106+50

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	15-00045-00-BR	KENDALL	40	37
		CONTRACT NO. 87665		
	ILLINOIS	FED. AID PROJECT		



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NOTE BOOK	SURVEYED		
	PLOTTED		
	TEMPLATE		
	AREAS		
	AREAS CHECKED		
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ORIGINAL SURVEY		BY	DATE
NOTE BOOK	SURVEYED		
	PLOTTED		
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	AREAS		
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Default	PLOT DATE = 10/30/2018	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

MAIN ST
CROSS SECTIONS

SCALE: H=10 V=5 | SHEET 4 OF 6 SHEETS | STA. 107+00 TO STA.108+50

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
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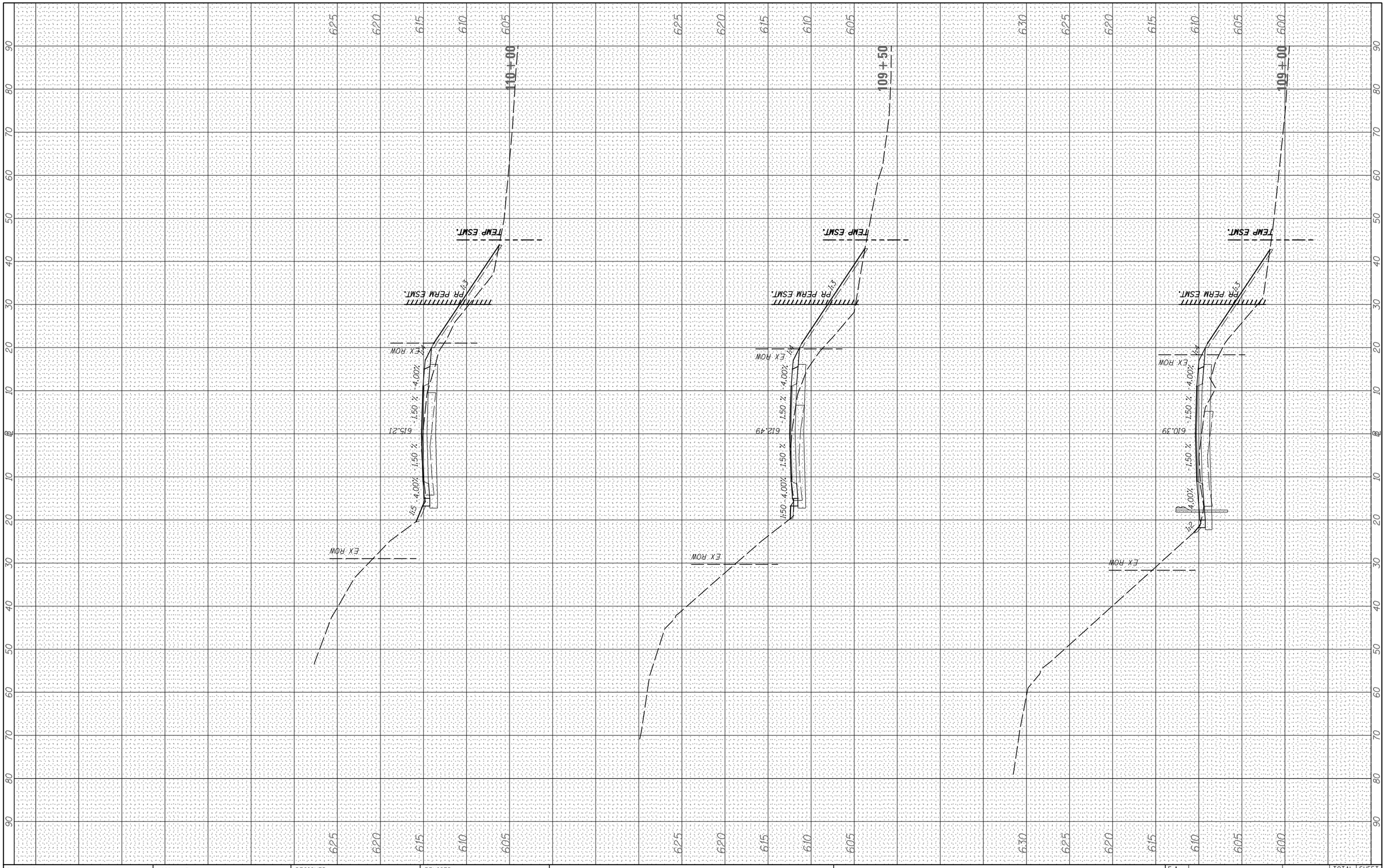
		CONTRACT NO. 87665		
		ILLINOIS FED. AID PROJECT		



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

ORIGINAL SURVEY		BY	DATE
NOTE BOOK	SURVEYED		
	PLOTTED		
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	AREAS		
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Default	PLOT DATE = 10/30/2018	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

MAIN ST
CROSS SECTIONS

SCALE: H=10 V=5 | SHEET 5 OF 6 SHEETS | STA. 109+00 TO STA. 110+00

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	15-00045-00-BR	KENDALL	40	39
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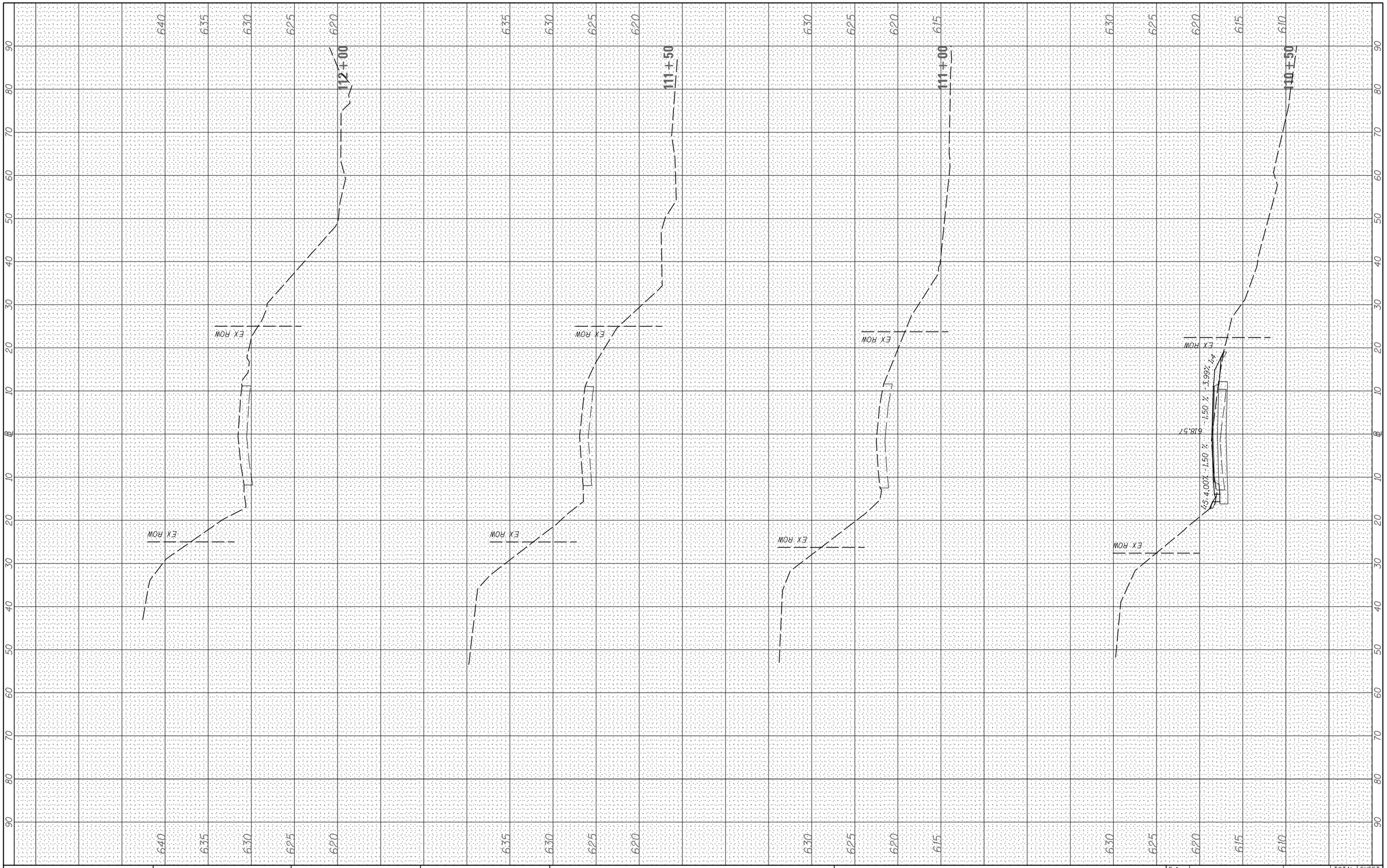
	ILLINOIS	FED. AID PROJECT		



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

ORIGINAL SURVEY		BY	DATE
NOTE BOOK NO.	SURVEYED		
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Default	PLOT DATE = 10/30/2018	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

MAIN ST
CROSS SECTIONS

SCALE: H=10 V=5 | SHEET 6 OF 6 SHEETS | STA. 110+50 TO STA. 112+00

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	15-00045-00-BR	KENDALL	40	40
		CONTRACT NO. 87665		
		ILLINOIS FED. AID PROJECT		