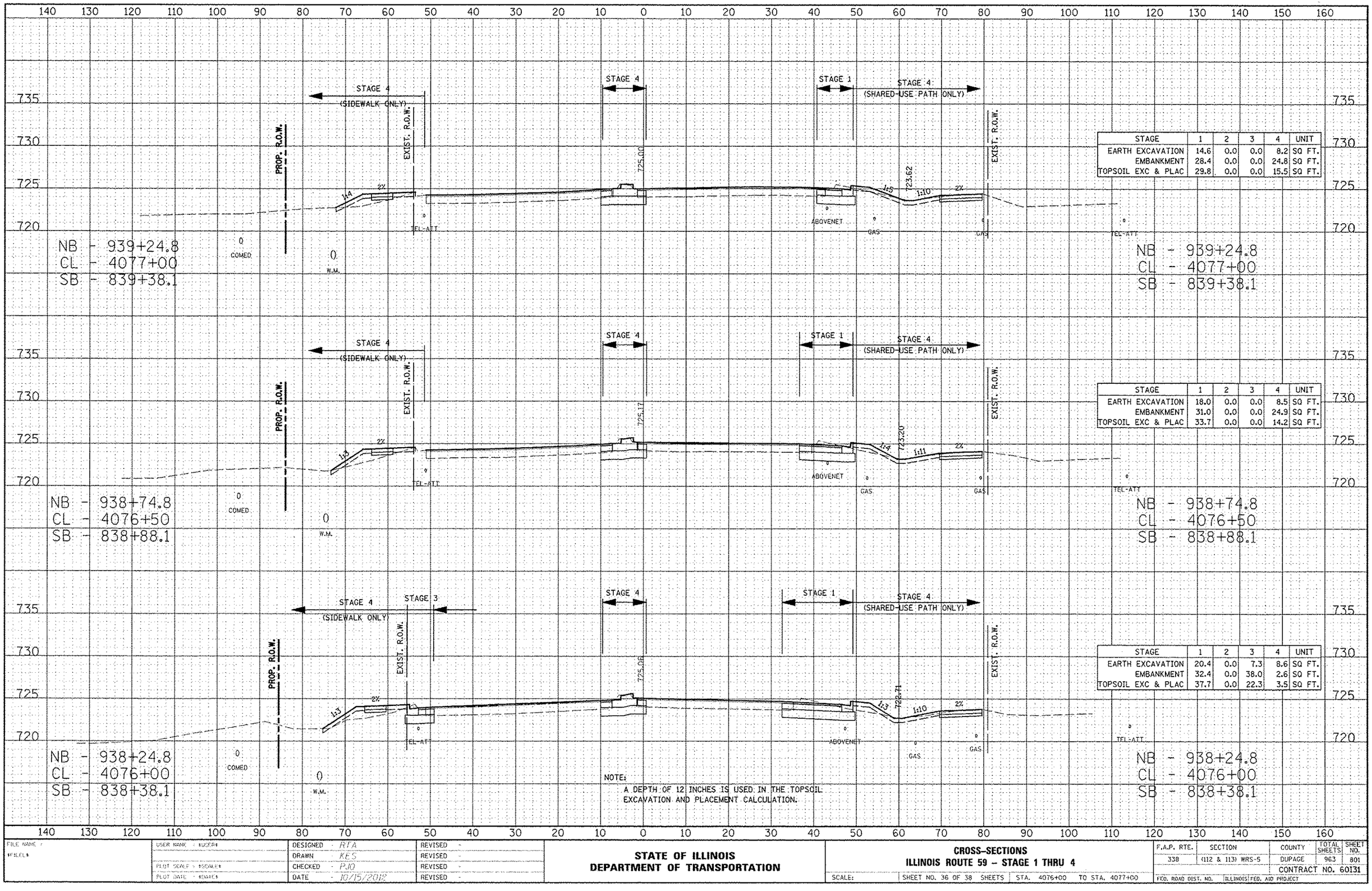


STAGE	1	2	3	4	UNIT
EARTH EXCAVATION	14.6	0.0	0.0	8.2	SQ FT.
EMBANKMENT	28.4	0.0	0.0	24.8	SQ FT.
TOPSOIL EXC & PLAC	29.8	0.0	0.0	15.5	SQ FT.

STAGE	1	2	3	4	UNIT
EARTH EXCAVATION	18.0	0.0	0.0	8.5	SQ FT.
EMBANKMENT	31.0	0.0	0.0	24.9	SQ FT.
TOPSOIL EXC & PLAC	33.7	0.0	0.0	14.2	SQ FT.

STAGE	1	2	3	4	UNIT
EARTH EXCAVATION	20.4	0.0	7.3	8.6	SQ FT.
EMBANKMENT	32.4	0.0	38.0	2.6	SQ FT.
TOPSOIL EXC & PLAC	37.7	0.0	22.3	3.5	SQ FT.

NOTE:
A DEPTH OF 12 INCHES IS USED IN THE TOPSOIL EXCAVATION AND PLACEMENT CALCULATION.

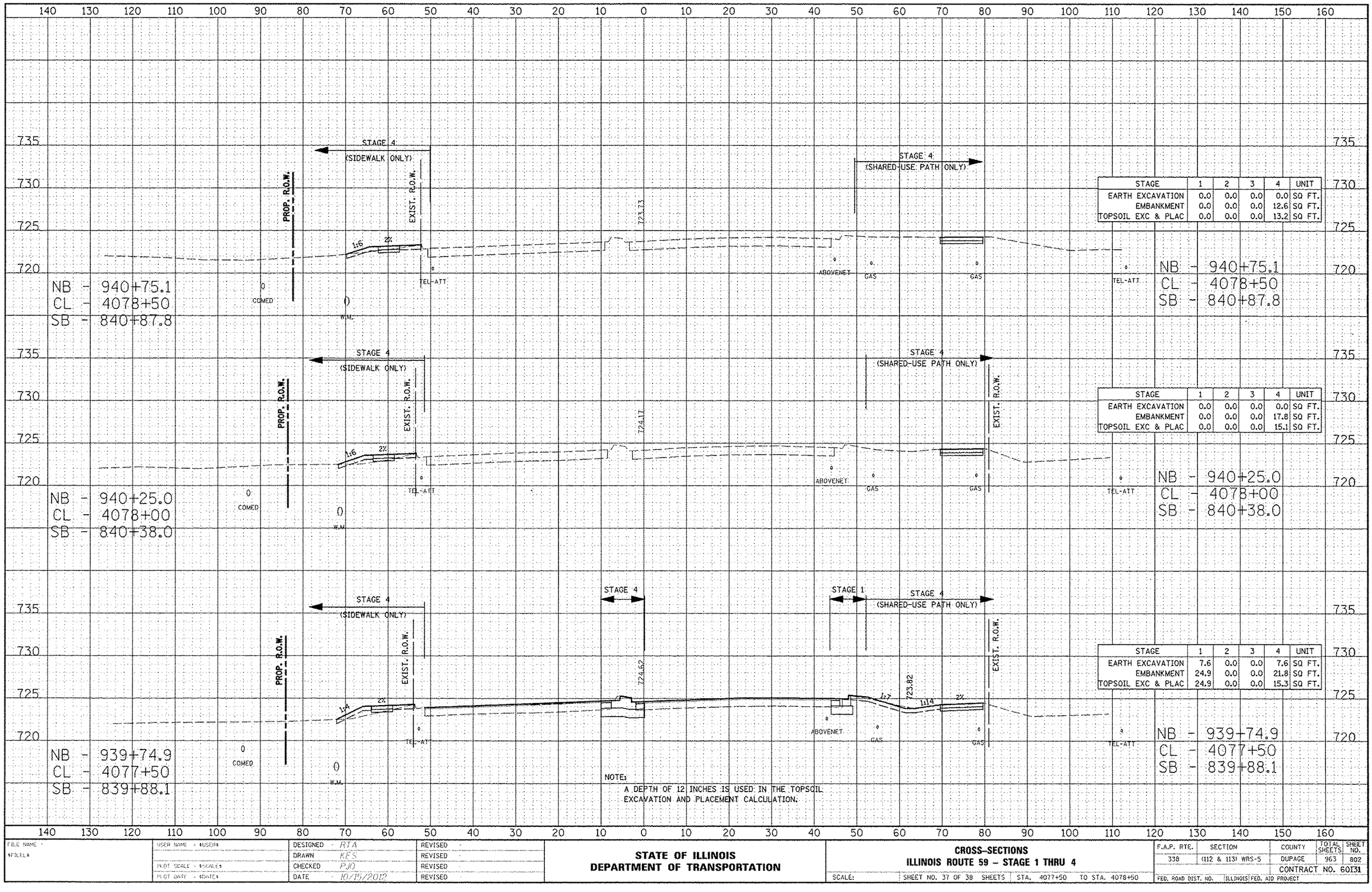
FILE NAME = $FILE$	USER NAME = $USER$	DESIGNED - RTA	REVISED -
		DRAWN - KES	REVISED -
	PLOT SCALE = $SCALE$	CHECKED - PJO	REVISED -
	PLOT DATE = $DATE$	DATE - 10/15/2012	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

CROSS-SECTIONS
ILLINOIS ROUTE 59 – STAGE 1 THRU 4

SCALE: | SHEET NO. 36 OF 38 SHEETS | STA. 4076+00 TO STA. 4077+00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
338	(112 & 113) WRS-5	DUPAGE	963	801
		CONTRACT NO. 60I31		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		



STAGE	1	2	3	4	UNIT
EARTH EXCAVATION	0.0	0.0	0.0	0.0	SQ FT.
EMBANKMENT	0.0	0.0	0.0	12.6	SQ FT.
TOPSOIL EXC & PLAC	0.0	0.0	0.0	13.2	SQ FT.

STAGE	1	2	3	4	UNIT
EARTH EXCAVATION	0.0	0.0	0.0	0.0	SQ FT.
EMBANKMENT	0.0	0.0	0.0	17.8	SQ FT.
TOPSOIL EXC & PLAC	0.0	0.0	0.0	15.1	SQ FT.

STAGE	1	2	3	4	UNIT
EARTH EXCAVATION	7.6	0.0	0.0	7.6	SQ FT.
EMBANKMENT	24.9	0.0	0.0	21.8	SQ FT.
TOPSOIL EXC & PLAC	24.9	0.0	0.0	15.3	SQ FT.

NOTE:
A DEPTH OF 12 INCHES IS USED IN THE TOPSOIL EXCAVATION AND PLACEMENT CALCULATION.

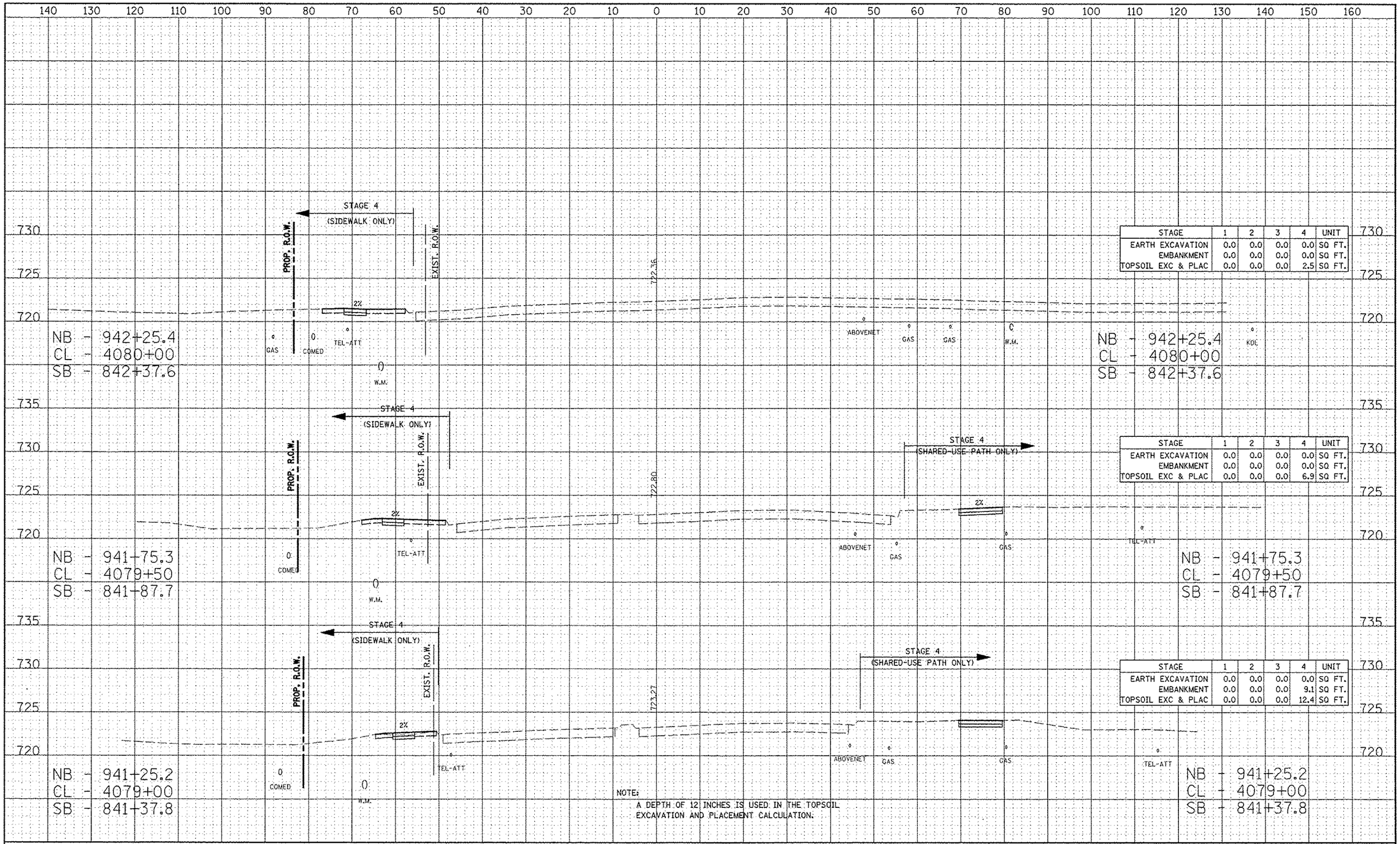
FILE NAME = $FILE$	USER NAME = $USER$	DESIGNED - RTA	REVISED -
		DRAWN - KFS	REVISED -
	PLOT SCALE = $SCALE$	CHECKED - PJO	REVISED -
	PLOT DATE = $DATE$	DATE - 10/15/2012	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

CROSS-SECTIONS
ILLINOIS ROUTE 59 – STAGE 1 THRU 4

SCALE: | SHEET NO. 37 OF 38 SHEETS | STA. 4077+50 | TO STA. 4078+50

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
338	(112 & 113) WRS-5	DUPAGE	963	802
		CONTRACT NO. 60131		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		



STAGE	1	2	3	4	UNIT
EARTH EXCAVATION	0.0	0.0	0.0	0.0	SQ FT.
EMBANKMENT	0.0	0.0	0.0	0.0	SQ FT.
TOPSOIL EXC & PLAC	0.0	0.0	0.0	2.5	SQ FT.

STAGE	1	2	3	4	UNIT
EARTH EXCAVATION	0.0	0.0	0.0	0.0	SQ FT.
EMBANKMENT	0.0	0.0	0.0	0.0	SQ FT.
TOPSOIL EXC & PLAC	0.0	0.0	0.0	6.9	SQ FT.

STAGE	1	2	3	4	UNIT
EARTH EXCAVATION	0.0	0.0	0.0	0.0	SQ FT.
EMBANKMENT	0.0	0.0	0.0	9.1	SQ FT.
TOPSOIL EXC & PLAC	0.0	0.0	0.0	12.4	SQ FT.

NOTE:
A DEPTH OF 12 INCHES IS USED IN THE TOPSOIL EXCAVATION AND PLACEMENT CALCULATION.

FILE NAME = $FILE$	USER NAME = $USER$	DESIGNED - RTA	REVISED -
		DRAWN - KES	REVISED -
	PLOT SCALE = $SCALE$	CHECKED - PJD	REVISED -
	PLOT DATE = $DATE$	DATE - 10/15/2012	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

CROSS-SECTIONS
ILLINOIS ROUTE 59 – STAGE 1 THRU 4

SCALE: | SHEET NO. 38 OF 38 SHEETS | STA. 4079+00 TO STA. 4080+00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
338	(112 & 113) WRS-5	DUPAGE	963	803
		CONTRACT NO. 60131		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		

FINAL	BY	DATE
SURVEY		
NOTE BOOK		
NO.	AREAS CHECKED	

ORIGINAL	BY	DATE
CLASS		
NOTE BOOK		
NO.	AREAS CHECKED	

PRE-STAGE 1		UNIT
EARTH EXCAVATION	12.9	SQ FT.
EMBANKMENT	183.3	SQ FT.
TOPSOIL EXC & PLAC	45.4	SQ FT.

PRE-STAGE 1		UNIT
EARTH EXCAVATION	19.3	SQ FT.
EMBANKMENT	170.2	SQ FT.
TOPSOIL EXC & PLAC	57.8	SQ FT.

PRE-STAGE 1		UNIT
EARTH EXCAVATION	56.2	SQ FT.
EMBANKMENT	34.5	SQ FT.
TOPSOIL EXC & PLAC	27.2	SQ FT.

NOTE:
A DEPTH OF 12 INCHES IS USED IN THE TOPSOIL EXCAVATION AND PLACEMENT CALCULATION.

LEGEND: TEMPORARY PAVEMENT

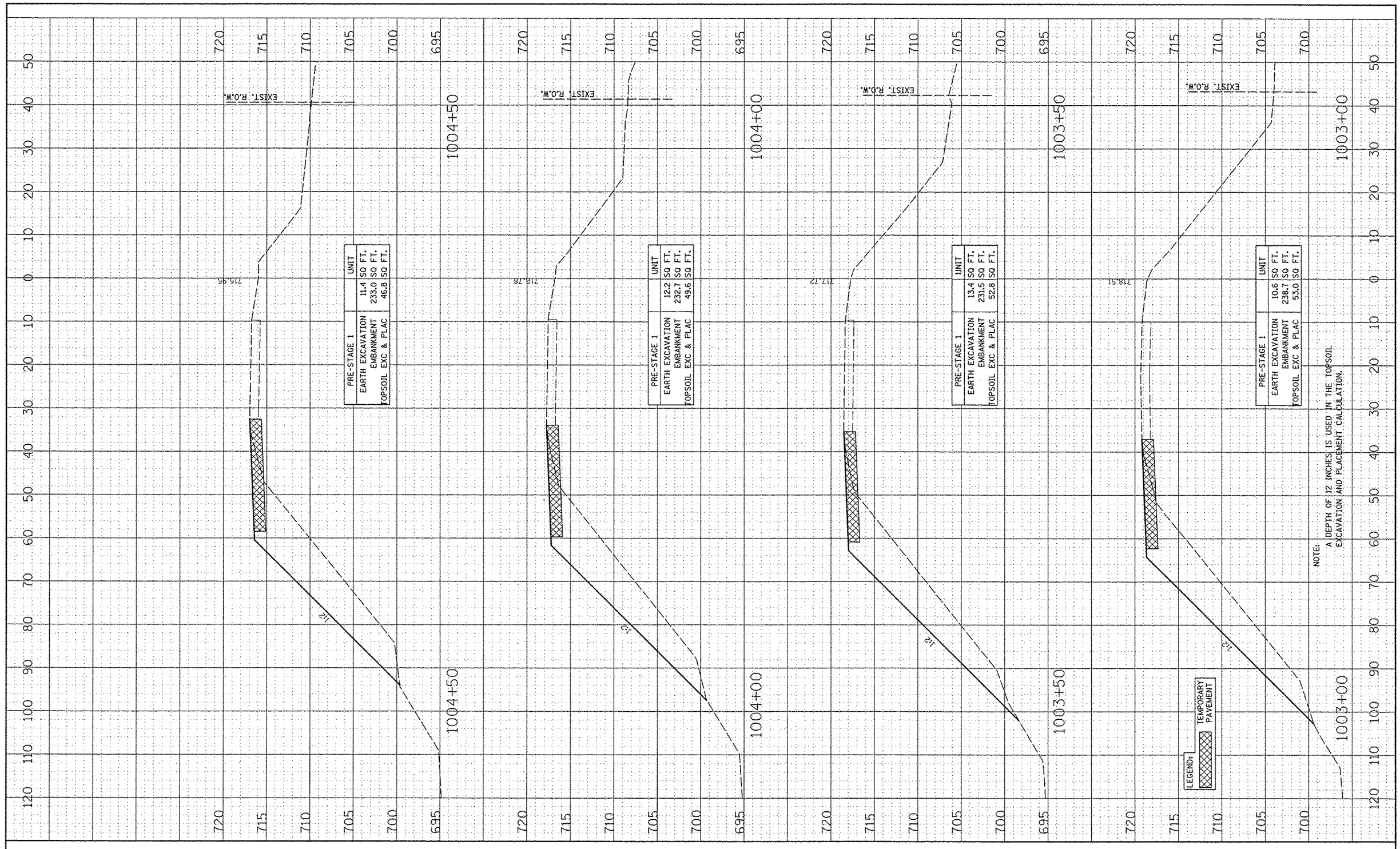
FILE NAME = $FILE$	USER NAME = $USER$	DESIGNED - RTA	REVISED -
		DRAWN - KES	REVISED -
	PLOT SCALE = $SCALE$	CHECKED - PJO	REVISED -
	PLOT DATE = $DATE$	DATE - 10/15/2012	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

CROSS SECTIONS
RAMP A – PRE-STAGE

SCALE: | SHEET NO. 1 OF 5 SHEETS | STA. 1001+00 TO STA. 1002+50

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
338	(112 & 113) WRS-5	DUPAGE	963	804
		CONTRACT NO. 60I31		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		



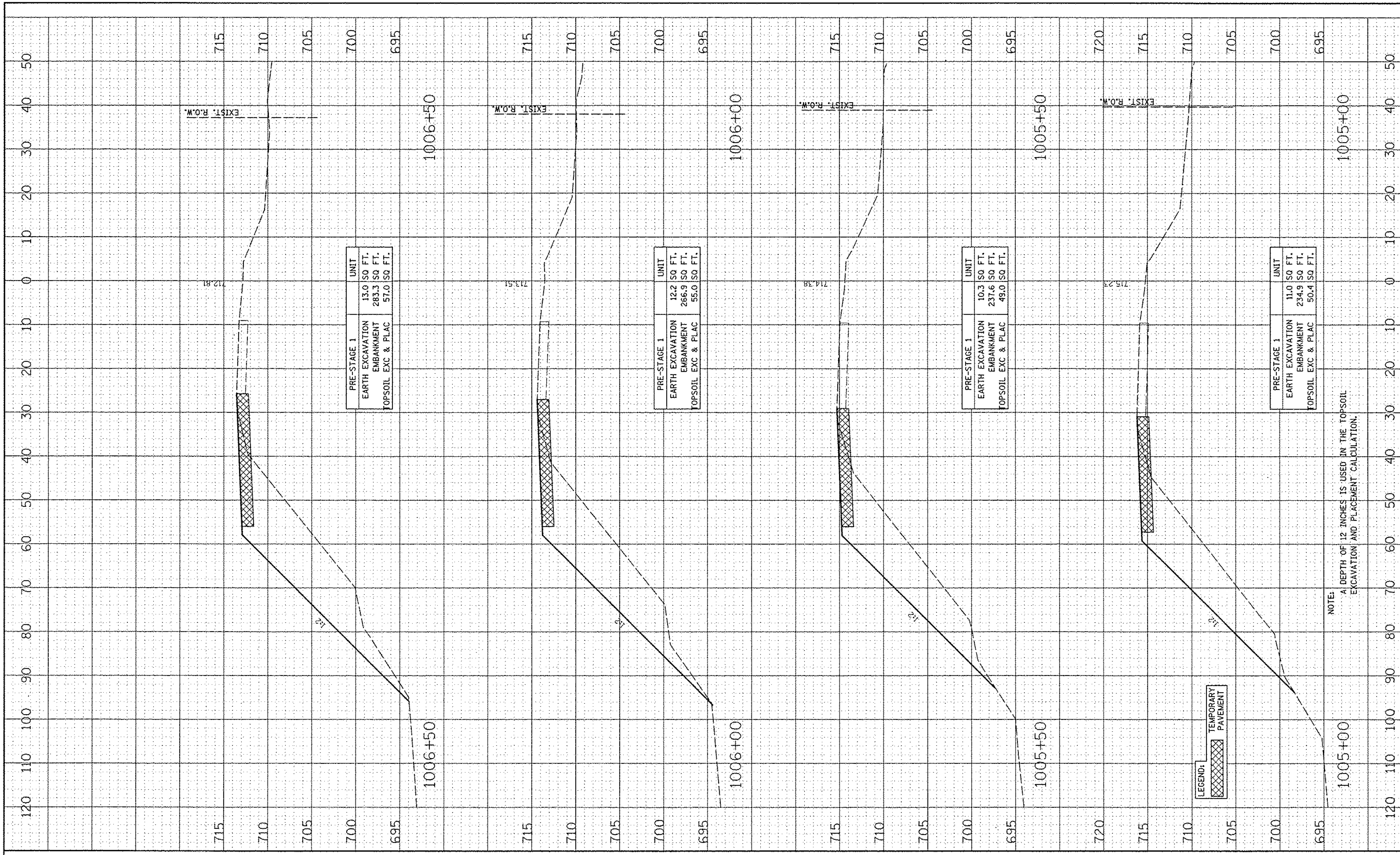
FILE NAME: $FILE$	USER NAME: $USER$	DESIGNED - RTA	REVISED
		DRAWN - KES	REVISED
	PLOT SCALE: $SCALE$	CHECKED - PJO	REVISED
	PLOT DATE: $DATE$	DATE - 10/15/2012	REVISED

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

CROSS SECTIONS
RAMP A – PRE-STAGE

SCALE: | SHEET NO. 2 OF 5 SHEETS | STA. 1003+00 | TO STA. 1004+50

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
338	(112 & 113) WRS-5	DUPAGE	963	805
		CONTRACT NO. 60131		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		



Sta. 1006+50

PRE-STAGE 1		UNIT
EARTH EXCAVATION	13.0	SQ FT.
EMBANKMENT	283.3	SQ FT.
TOPSOIL EXC & PLAC	57.0	SQ FT.

Sta. 1006+00

PRE-STAGE 1		UNIT
EARTH EXCAVATION	12.2	SQ FT.
EMBANKMENT	266.9	SQ FT.
TOPSOIL EXC & PLAC	55.0	SQ FT.

Sta. 1005+50

PRE-STAGE 1		UNIT
EARTH EXCAVATION	10.3	SQ FT.
EMBANKMENT	237.6	SQ FT.
TOPSOIL EXC & PLAC	49.0	SQ FT.

Sta. 1005+00

PRE-STAGE 1		UNIT
EARTH EXCAVATION	11.0	SQ FT.
EMBANKMENT	234.9	SQ FT.
TOPSOIL EXC & PLAC	50.4	SQ FT.

NOTE:
A DEPTH OF 12 INCHES IS USED IN THE TOPSOIL EXCAVATION AND PLACEMENT CALCULATION.

FILE NAME = $FILEL$	USER NAME = $USER$	DESIGNED - RTA	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	CROSS SECTIONS RAMP A - PRE-STAGE	F.A.P. RTE. 338
	PLOT SCALE = $SCALE$	DRAWN - KES	REVISED -			SECTION (112 & 113) WRS-5
	PLOT DATE = $DATE$	CHECKED - PJO	REVISED -		SCALE:	COUNTY DUPAGE
		DATE - 10/15/2012	REVISED -		SHEET NO. 3 OF 5 SHEETS STA. 1005+00 TO STA. 1006+50	TOTAL SHEETS 963 / SHEET NO. 806

CONTRACT NO. 60I31

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

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

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

FILE NAME: =FILE1=

USER NAME: =USER1=

PLOT SCALE: =SCALE1=

PLOT DATE: =DATE1=

DESIGNED - RTA

DRAWN - KES

CHECKED - PJD

DATE - 10/15/2012

REVISED -

REVISED -

REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

CROSS SECTIONS
RAMP A – PRE-STAGE

SCALE:

SHEET NO. 4 OF 5 SHEETS STA. 1007+00 TO STA. 1009+00

F.A.P. RTE. 338

SECTION (112 & 113) WRS-S

COUNTY DUPAGE

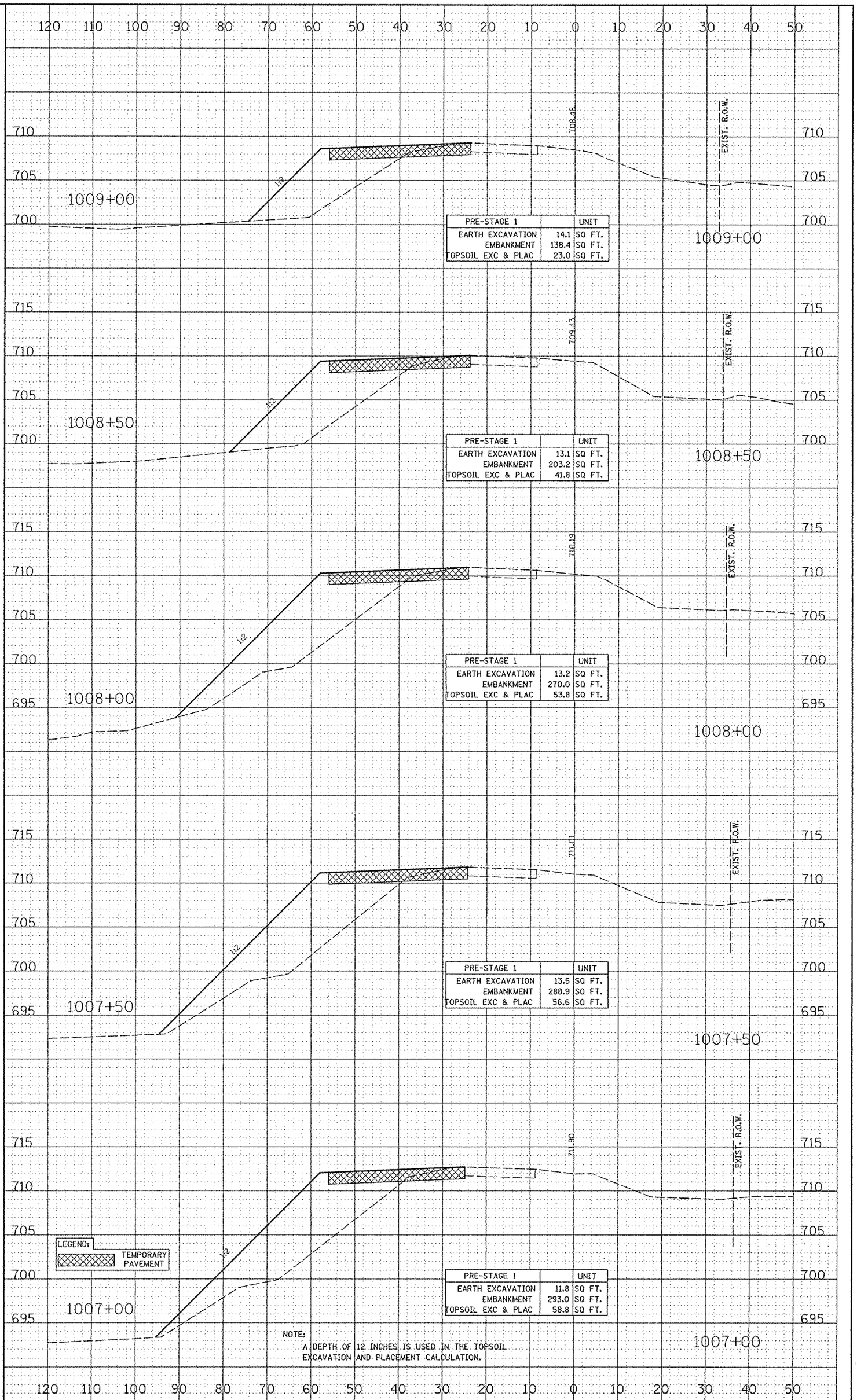
CONTRACT NO. 60131

TOTAL SHEETS 963

SHEET NO. 807

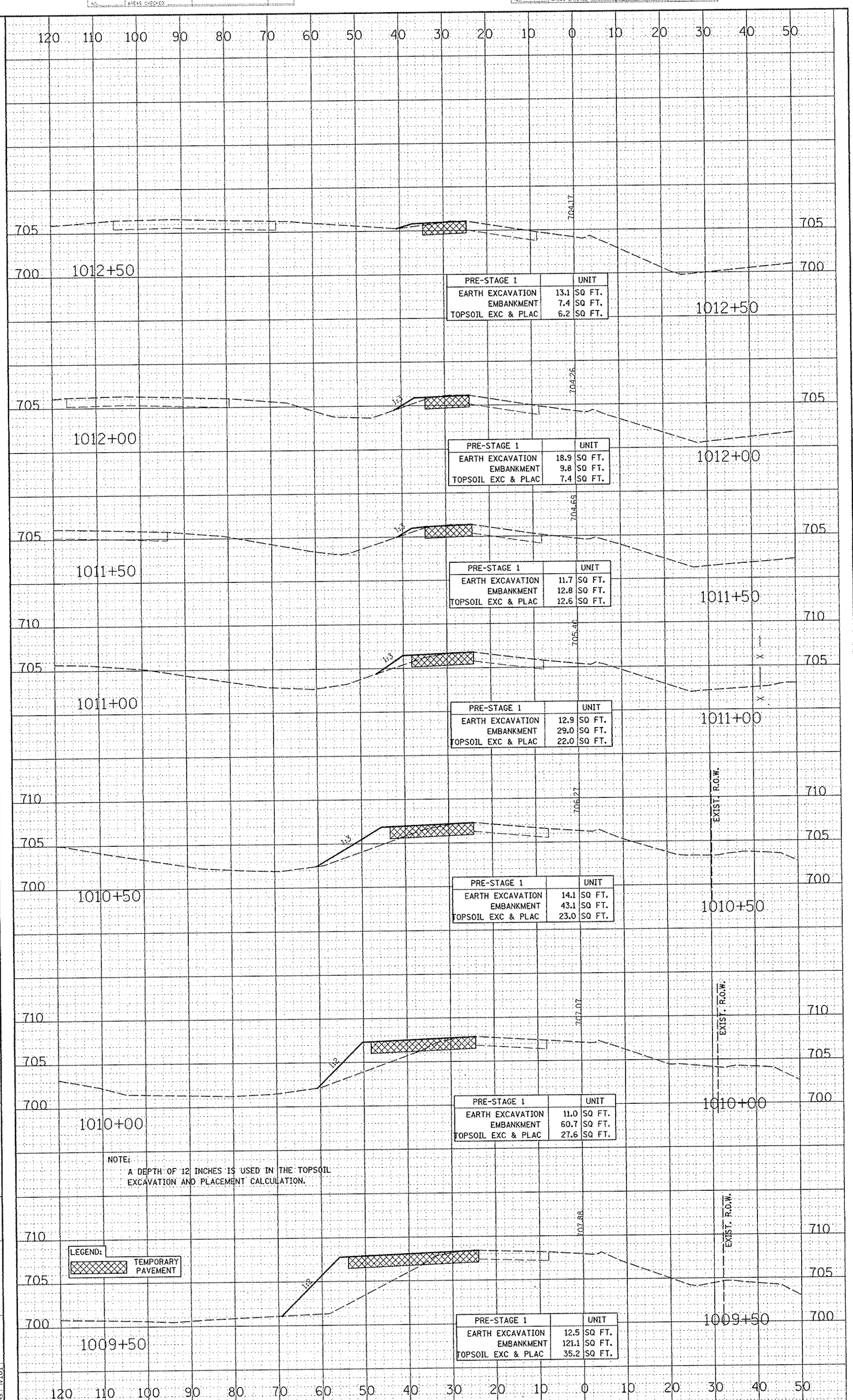
FED. ROAD DIST. NO.

ILLINOIS FED. AID PROJECT



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

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



NOTE:
A DEPTH OF 12 INCHES IS USED IN THE TOPSOIL EXCAVATION AND PLACEMENT CALCULATION.

FILE NAME =
USER NAME = BUSSEN
PLOT SCALE = 10.0000 '/ INCH
PLOT DATE = 10/15/2012

		REVISED
DESIGNED	RTA	REVISED
DRAWN	KES	REVISED
CHECKED	PJD	REVISED
DATE	10/15/2012	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

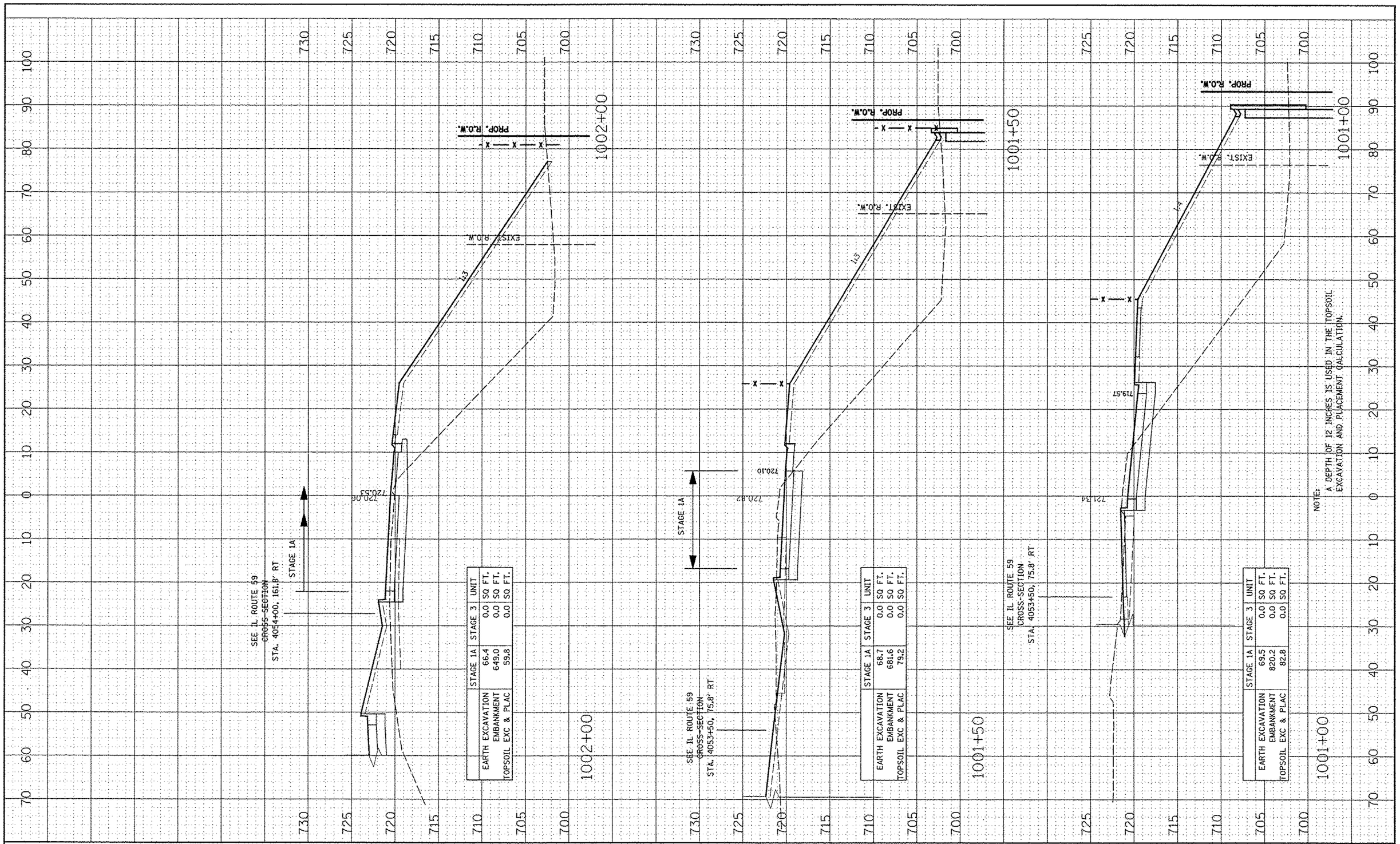
CROSS SECTIONS
RAMP A - PRE-STAGE

SCALE: 1" = 10'

SHEET NO. 5 OF 5 SHEETS STA. 1009+50 TO STA. 1012+50

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
338	1112 & 113W WRS-S	DUPAGE	963	808

FED. ROAD DIST. NO. | ILLINOIS FED. AID PROJECT | CONTRACT NO. 60131



FILE NAME - $FILE$	USER NAME - $USER$	DESIGNED - RTA	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	CROSS SECTIONS RAMP A – STAGE 1 THRU 4
		DRAWN - KES	REVISED -		
	PLOT SCALE - $SCALE$	CHECKED - PJO	REVISED -		
	PLOT DATE - $DATE$	DATE - 10/15/2012	REVISED -		SCALE:

SHEET NO. 1 OF 23 SHEETS | STA. 1001+00 TO STA. 1002+00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
338	(112 & 113) WRS-5	DUPAGE	963	809
		CONTRACT NO. 60131		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		

	STAGE 1A	STAGE 3	UNIT
EARTH EXCAVATION	57.4	185.6	SQ FT.
EMBANKMENT	358.5	18.6	SQ FT.
TOPSOIL EXC & PLAC	44.2	0.0	SQ FT.

	STAGE 1A	STAGE 3	UNIT
EARTH EXCAVATION	58.69	191.5	SQ FT.
EMBANKMENT	483.7	16.4	SQ FT.
TOPSOIL EXC & PLAC	54.0	0.0	SQ FT.

	STAGE 1A	STAGE 3	UNIT
EARTH EXCAVATION	68.6	129.8	SQ FT.
EMBANKMENT	594.1	63.5	SQ FT.
TOPSOIL EXC & PLAC	56.0	0.0	SQ FT.

NOTE:
A DEPTH OF 12 INCHES IS USED IN THE TOPSOIL EXCAVATION AND PLACEMENT CALCULATION.

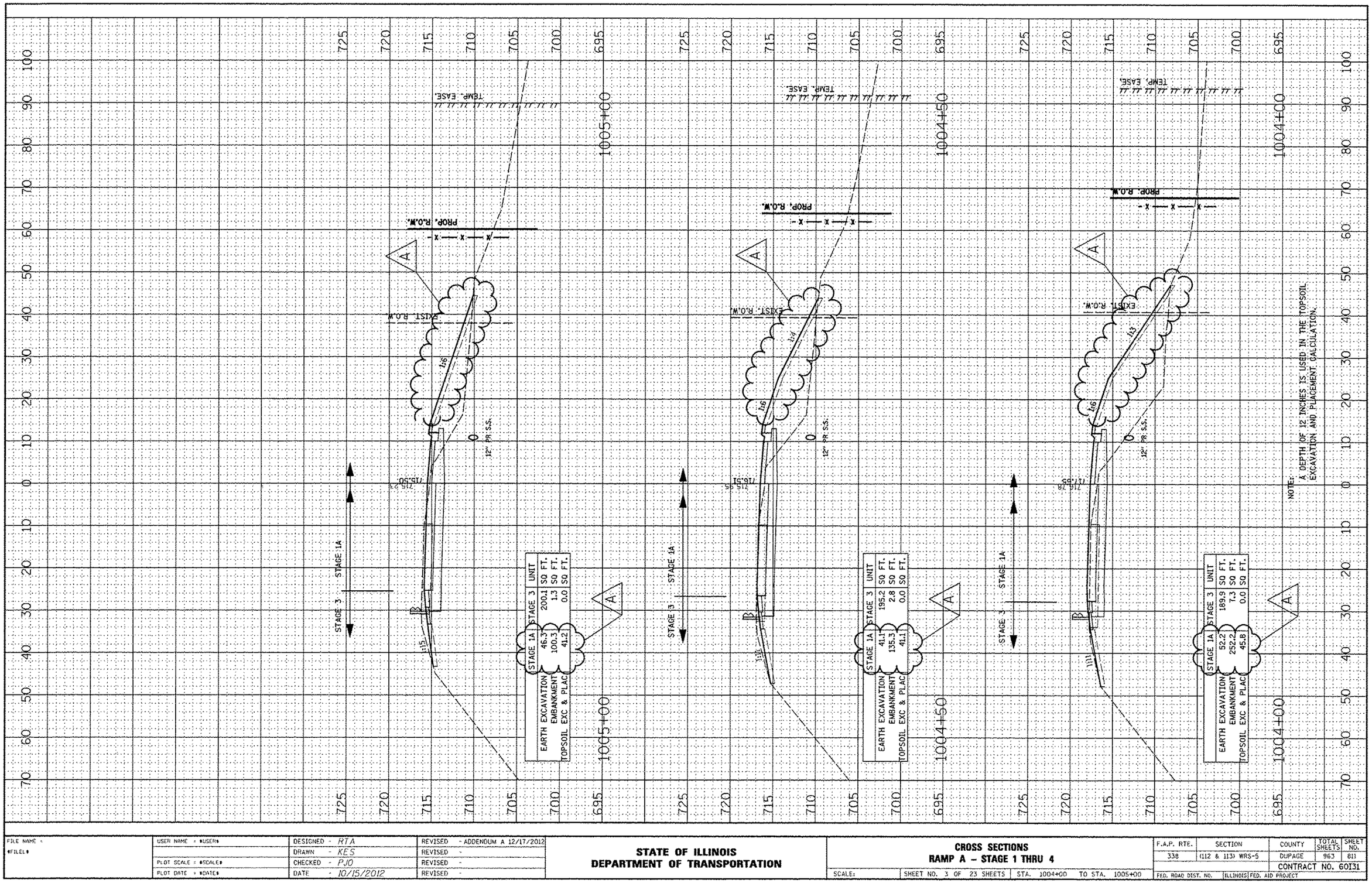
FILE NAME = $FILE$	USER NAME = %USER%	DESIGNED - RTA	REVISED -
		DRAWN - KES	REVISED -
	PLOT SCALE = %SCALE%	CHECKED - PJO	REVISED -
	PLOT DATE = %DATE%	DATE - 10/15/2012	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

CROSS SECTIONS
RAMP A – STAGE 1 THRU 4

SCALE: | SHEET NO. 2 OF 23 SHEETS | STA. 1002+50 TO STA. 1003+50

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
338	(112 & 113) WRS-5	DUPAGE	963	810
		CONTRACT NO. 60I31		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		



FILE NAME = $FILE$	USER NAME = $USER$	DESIGNED - RTA	REVISED - ADDENDUM A 12/17/2012
		DRAWN - KES	REVISED -
	PLOT SCALE = $SCALE$	CHECKED - PJO	REVISED -
	PLOT DATE = $DATE$	DATE - 10/15/2012	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

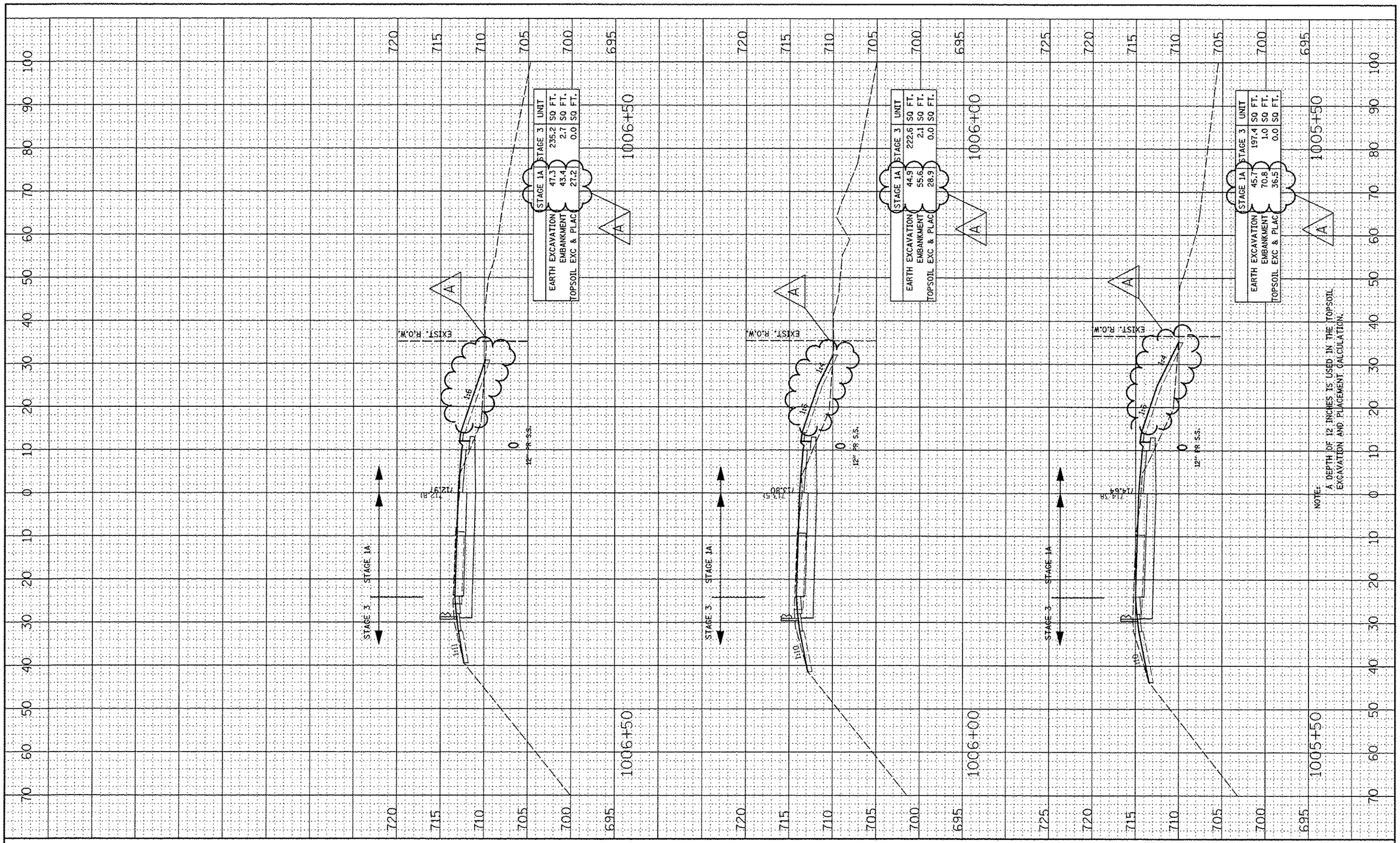
CROSS SECTIONS
RAMP A – STAGE 1 THRU 4

SCALE: | SHEET NO. 3 OF 23 SHEETS | STA. 1004+00 TO STA. 1005+00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
338	(112 & 113) WRS-5	DUPAGE	963	811
		CONTRACT NO. 60I31		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		

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

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



FILE NAME =	USER NAME =	DESIGNED - RTA	REVISED - ADDENDUM A 12/17/2012
#FILEL#		DRAWN - KES	REVISED -
	PLOT SCALE = #SCALE#	CHECKED - PJO	REVISED -
	PLOT DATE = #DATE#	DATE - 10/15/2012	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

CROSS SECTIONS
RAMP A – STAGE 1 THRU 4

SCALE: | SHEET NO. 4 OF 23 SHEETS | STA. 1005+50 TO STA. 1006+50

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
338	(112 & 113) WRS-5	DUPAGE	963	812
		CONTRACT NO. 60I31		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		

	STAGE 1A	STAGE 3	UNIT
EARTH EXCAVATION	41.9	173.4	SQ FT.
EMBANKMENT	78.3	3.1	SQ FT.
TOPSOIL EXC & PLAC	31.3	0.0	SQ FT.

	STAGE 1A	STAGE 3	UNIT
EARTH EXCAVATION	43.1	226.3	SQ FT.
EMBANKMENT	71.1	3.3	SQ FT.
TOPSOIL EXC & PLAC	30.1	0.0	SQ FT.

	STAGE 1A	STAGE 3	UNIT
EARTH EXCAVATION	43.6	243.9	SQ FT.
EMBANKMENT	60.9	3.0	SQ FT.
TOPSOIL EXC & PLAC	31.5	0.0	SQ FT.

	STAGE 1A	STAGE 3	UNIT
EARTH EXCAVATION	47.1	245.7	SQ FT.
EMBANKMENT	43.9	2.7	SQ FT.
TOPSOIL EXC & PLAC	25.7	0.0	SQ FT.

NOTE:
A DEPTH OF 12 INCHES IS USED IN THE TOPSOIL EXCAVATION AND PLACEMENT CALCULATION.

FILE NAME = #FILE#	USER NAME = #USER#	DESIGNED - RTA	REVISED - ADDENDUM A 12/17/2012
		DRAWN - KES	REVISED -
	PLOT SCALE = #SCALE#	CHECKED - PJO	REVISED -
	PLOT DATE = #DATE#	DATE - 10/15/2012	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

CROSS SECTIONS
RAMP A – STAGE 1 THRU 4

SCALE: | SHEET NO. 5 OF 23 SHEETS | STA. 1007+00 TO STA. 1008+50

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
338	(112 & 113) WRS-5	DUPAGE	963	813
		CONTRACT NO. 60I31		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		

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

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

EARTH EXCAVATION	STAGE 1A	STAGE 3	UNIT
EMBANKMENT	42.1	10.0	SQ FT.
TOPSOIL EXC & PLAC	21.1	8.8	SQ FT.
	19.2	0.0	SQ FT.

EARTH EXCAVATION	STAGE 1A	STAGE 3	UNIT
EMBANKMENT	38.0	22.8	SQ FT.
TOPSOIL EXC & PLAC	23.7	7.9	SQ FT.
	19.4	0.0	SQ FT.

EARTH EXCAVATION	STAGE 1A	STAGE 3	UNIT
EMBANKMENT	36.6	37.6	SQ FT.
TOPSOIL EXC & PLAC	33.7	6.0	SQ FT.
	25.0	0.0	SQ FT.

EARTH EXCAVATION	STAGE 1A	STAGE 3	UNIT
EMBANKMENT	33.7	90.8	SQ FT.
TOPSOIL EXC & PLAC	48.8	6.6	SQ FT.
	27.1	0.0	SQ FT.

EARTH EXCAVATION	STAGE 1A	STAGE 3	UNIT
EMBANKMENT	40.6	127.5	SQ FT.
TOPSOIL EXC & PLAC	65.6	3.7	SQ FT.
	30.1	0.0	SQ FT.

EX PERM. EASEMENT

EXIST. R.O.W.

STAGE 1A

STAGE 3

1011+00

1010+50

1010+00

1009+50

1009+00

104.47

105.40

105.45

106.27

106.44

107.02

107.42

107.88

108.48

108.81

12" PR S.S.

NOTE: A DEPTH OF 12 INCHES IS USED IN THE TOPSOIL EXCAVATION AND PLACEMENT CALCULATION.

FILE NAME = #FILE1#	USER NAME = #USER#	DESIGNED - RTA	REVISED - ADDENDUM A 12/17/2012
		DRAWN - KES	REVISED -
	PLOT SCALE = #SCALE#	CHECKED - PJO	REVISED -
	PLOT DATE = #DATE#	DATE - 10/15/2012	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

CROSS SECTIONS
RAMP A – STAGE 1 THRU 4

SCALE: | SHEET NO. 6 OF 23 SHEETS | STA. 1009+00 TO STA. 1011+00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
338	(112 & 113) WRS-5	DUPAGE	963	814
		CONTRACT NO. 60I31		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		

FINAL SURVEY	ELEVATED
	CONTOURS
NOTE BOOK	TEMPLATE
	AREAS
	AREAS CROSSED

BY	DATE

ORIGINAL SURVEY	ELEVATED
	CONTOURS
NOTE BOOK	TEMPLATE
	AREAS
	AREAS CROSSED

BY	DATE

	STAGE 1A	STAGE 1	UNIT
EARTH EXCAVATION	69.7	0.0	SQ FT.
EMBANKMENT	32.0	30.5	SQ FT.
TOPSOIL EXC & PLAC	2.2	27.2	SQ FT.

	STAGE 1A	STAGE 1	UNIT
EARTH EXCAVATION	52.8	4.5	SQ FT.
EMBANKMENT	17.2	15.3	SQ FT.
TOPSOIL EXC & PLAC	1.6	19.8	SQ FT.

	STAGE 1A	STAGE 1	STAGE 3	UNIT
EARTH EXCAVATION	35.3	0.2	4.2	SQ FT.
EMBANKMENT	3.4	15.8	3.1	SQ FT.
TOPSOIL EXC & PLAC	6.4	14.4	10.1	SQ FT.

	STAGE 1A	STAGE 3	UNIT
EARTH EXCAVATION	38.8	3.2	SQ FT.
EMBANKMENT	25.3	12.3	SQ FT.
TOPSOIL EXC & PLAC	20.0	0.0	SQ FT.

	STAGE 1A	STAGE 3	UNIT
EARTH EXCAVATION	40.4	2.0	SQ FT.
EMBANKMENT	25.2	11.7	SQ FT.
TOPSOIL EXC & PLAC	22.4	0.0	SQ FT.

NOTE:
A DEPTH OF 12 INCHES IS USED IN THE TOPSOIL EXCAVATION AND PLACEMENT CALCULATION.

FILE NAME = $FILE$	USER NAME = $USER$	DESIGNED - RTA	REVISED -
		DRAWN - KFS	REVISED -
	PLOT SCALE = $SCALE$	CHECKED - PJO	REVISED -
	PLOT DATE = $DATE$	DATE - 10/15/2012	REVISED -

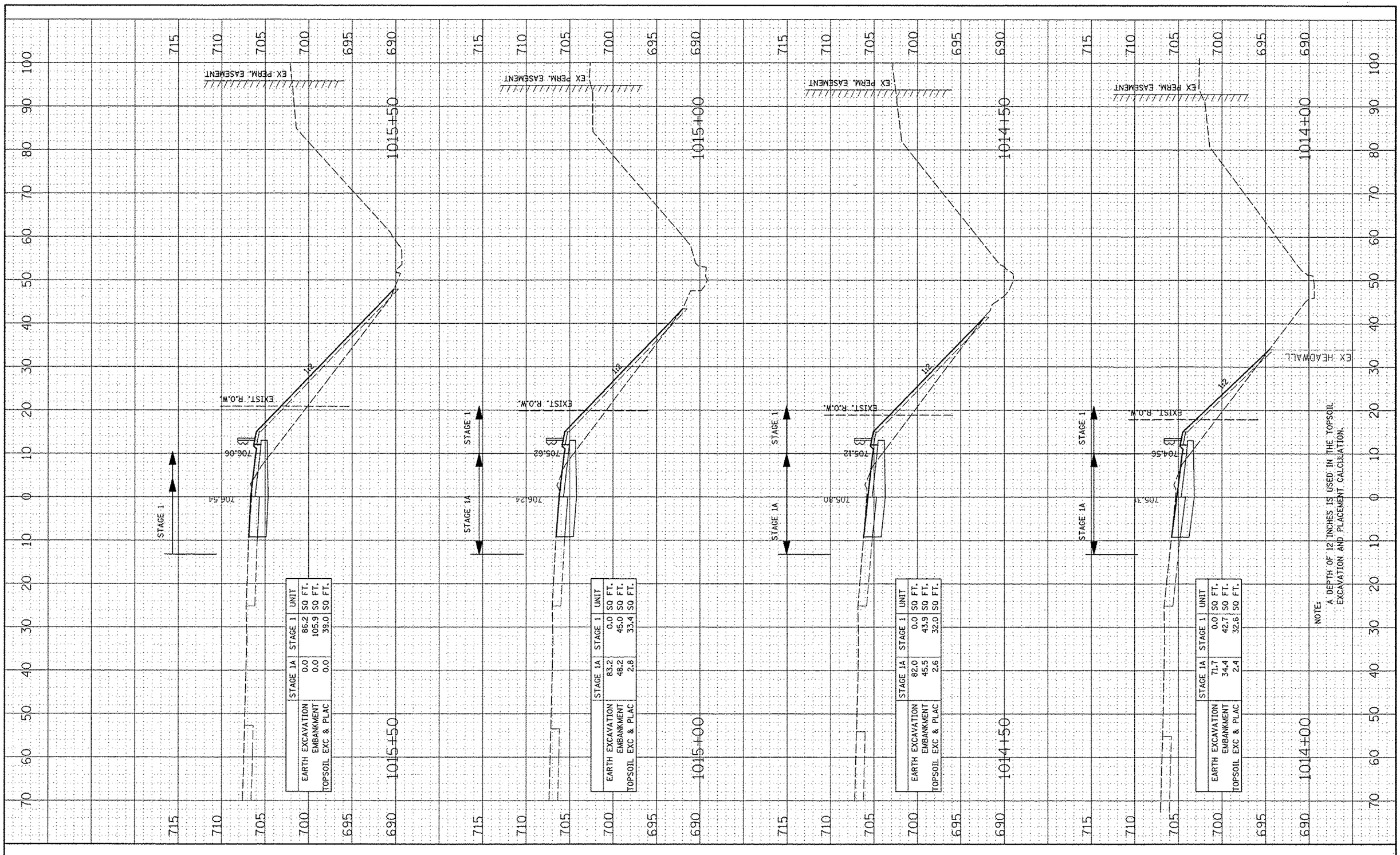
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

CROSS SECTIONS
RAMP A – STAGE 1 THRU 4

SCALE: | SHEET NO. 7 OF 23 SHEETS | STA. 1011+50 | TO STA. 1013+50

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
338	(112 & 113) WRS-5	DUPAGE	963	815
		CONTRACT NO. 60I31		

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



EARTH EXCAVATION	STAGE 1A	STAGE 1	UNIT
EMBANKMENT	0.0	86.2	SQ FT.
TOPSOIL EXC & PLAC	0.0	105.9	SQ FT.
	0.0	39.0	SQ FT.

EARTH EXCAVATION	STAGE 1A	STAGE 1	UNIT
EMBANKMENT	83.2	0.0	SQ FT.
TOPSOIL EXC & PLAC	48.2	45.0	SQ FT.
	2.8	33.4	SQ FT.

EARTH EXCAVATION	STAGE 1A	STAGE 1	UNIT
EMBANKMENT	82.0	0.0	SQ FT.
TOPSOIL EXC & PLAC	45.5	43.9	SQ FT.
	2.6	32.0	SQ FT.

EARTH EXCAVATION	STAGE 1A	STAGE 1	UNIT
EMBANKMENT	71.7	0.0	SQ FT.
TOPSOIL EXC & PLAC	34.4	42.7	SQ FT.
	2.4	32.6	SQ FT.

NOTE:
A DEPTH OF 12 INCHES IS USED IN THE TOPSOIL EXCAVATION AND PLACEMENT CALCULATION.

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

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

FILE NAME = $FILE$
USER NAME = $USER$
PLOT SCALE = $SCALE$
PLOT DATE = $DATE$

DESIGNED - RTA
DRAWN - KES
CHECKED - FJO
DATE - 10/15/2012

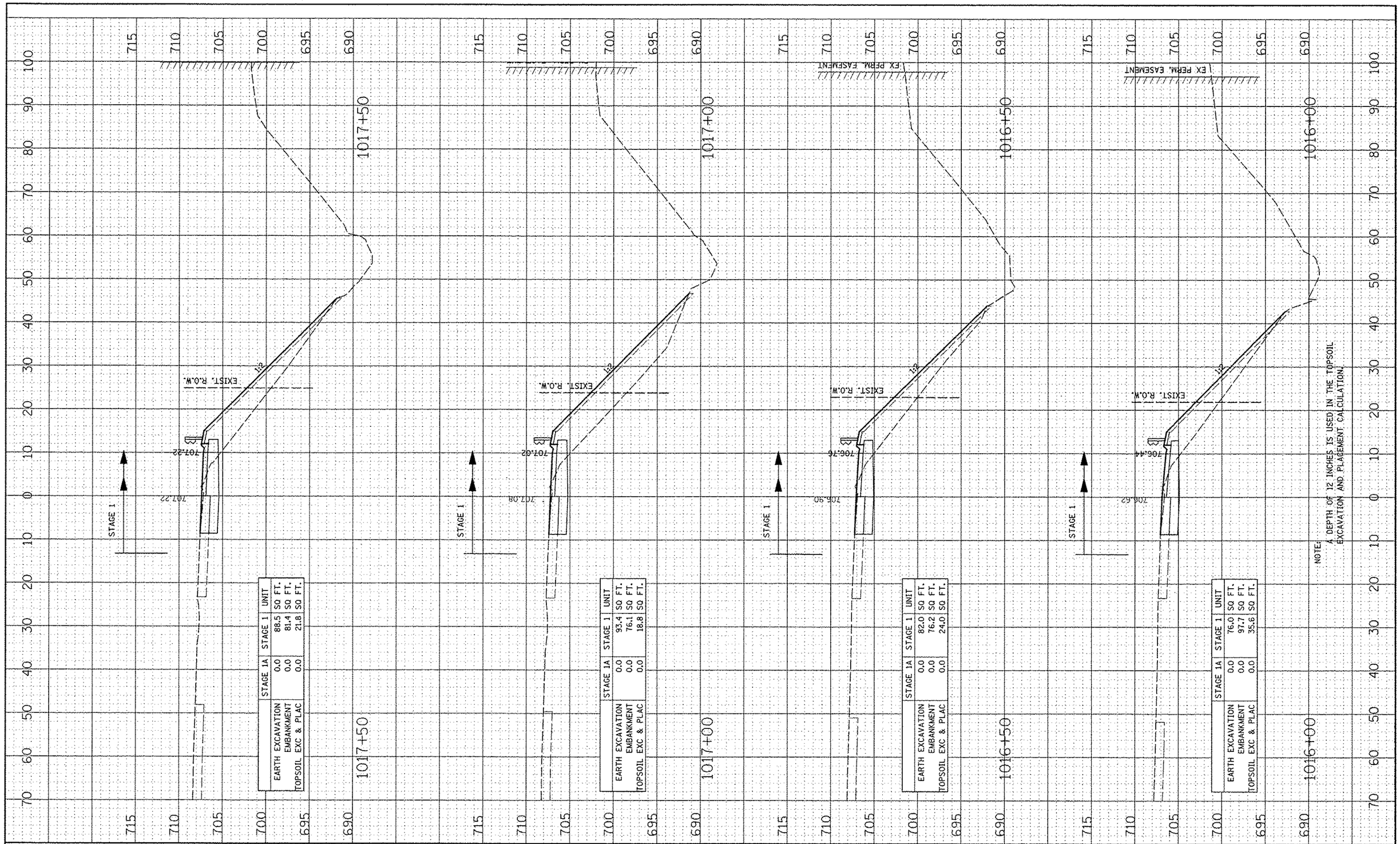
REVISED -
REVISED -
REVISED -
REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

CROSS SECTIONS
RAMP A – STAGE 1 THRU 4

SCALE:
SHEET NO. 8 OF 23 SHEETS
STA. 1014+00 TO STA. 1015+50

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
338	(112 & 113) WRS-5	DUPAGE	963	816
		CONTRACT NO. 60131		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		



	STAGE 1A	STAGE 1	UNIT
EARTH EXCAVATION	0.0	88.5	SQ FT.
EMBANKMENT	0.0	81.4	SQ FT.
TOPSOIL EXC & PLAC	0.0	21.8	SQ FT.

	STAGE 1A	STAGE 1	UNIT
EARTH EXCAVATION	0.0	93.4	SQ FT.
EMBANKMENT	0.0	76.1	SQ FT.
TOPSOIL EXC & PLAC	0.0	18.8	SQ FT.

	STAGE 1A	STAGE 1	UNIT
EARTH EXCAVATION	0.0	82.0	SQ FT.
EMBANKMENT	0.0	76.2	SQ FT.
TOPSOIL EXC & PLAC	0.0	24.0	SQ FT.

	STAGE 1A	STAGE 1	UNIT
EARTH EXCAVATION	0.0	76.0	SQ FT.
EMBANKMENT	0.0	97.7	SQ FT.
TOPSOIL EXC & PLAC	0.0	35.6	SQ FT.

NOTE:
A DEPTH OF 12 INCHES IS USED IN THE TOPSOIL EXCAVATION AND PLACEMENT CALCULATION.

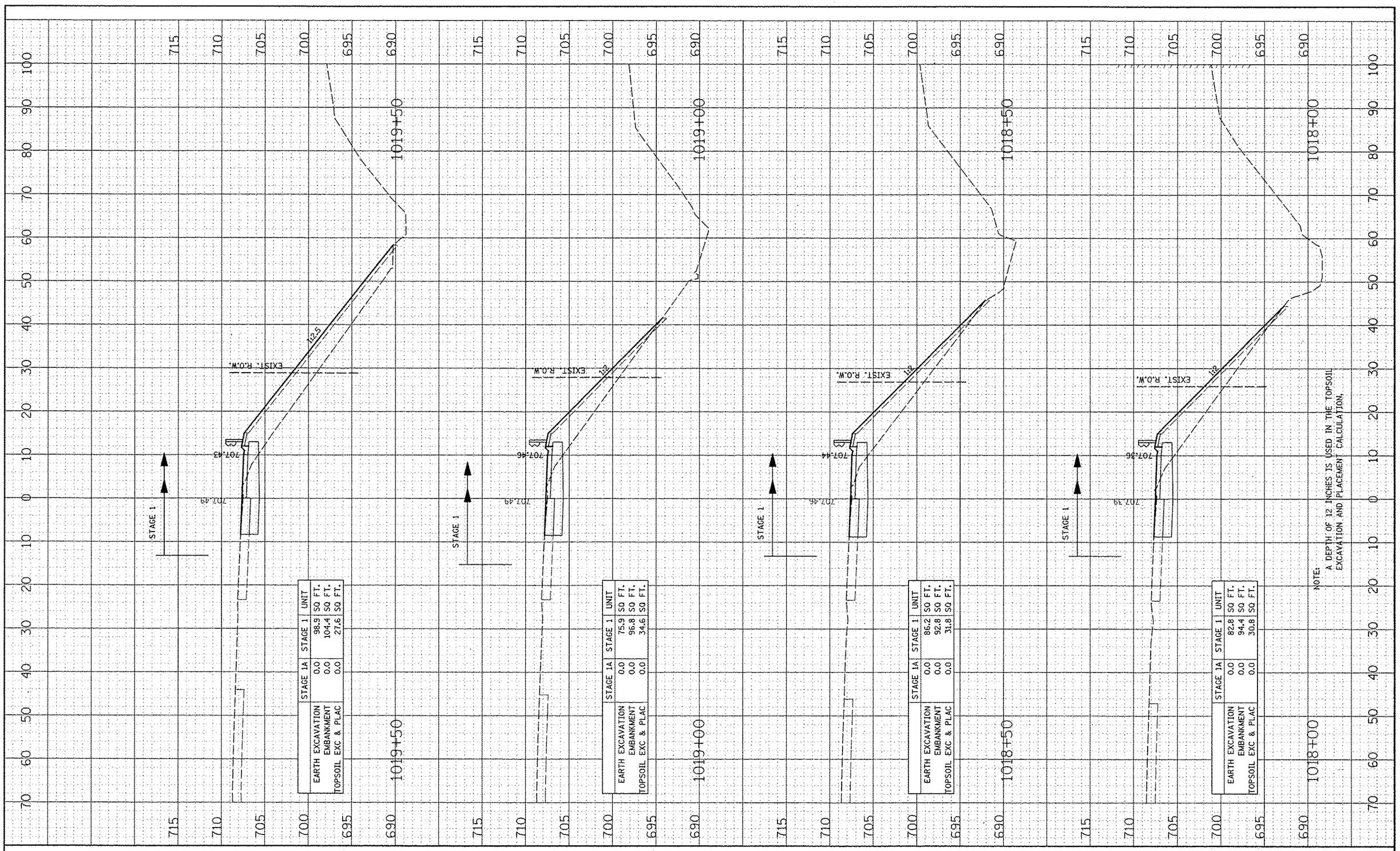
FILE NAME = #FILE1#	USER NAME = #USER#	DESIGNED - RTA	REVISED -
		DRAWN - KES	REVISED -
	PLOT SCALE = #SCALE#	CHECKED - PJO	REVISED -
	PLOT DATE = #DATE#	DATE - 10/15/2018	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

CROSS SECTIONS
RAMP A – STAGE 1 THRU 4

SCALE: | SHEET NO. 9 OF 23 SHEETS | STA. 1016+00 TO STA. 1017+50

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
338	(112 & 113) WRS-S	DUPAGE	963	817
		CONTRACT NO. 60I31		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		



	STAGE 1A	STAGE 1	UNIT
EARTH EXCAVATION	0.0	98.9	SQ FT.
EMBANKMENT	0.0	104.4	SQ FT.
TOPSOIL EXC & PLAC	0.0	27.6	SQ FT.

	STAGE 1A	STAGE 1	UNIT
EARTH EXCAVATION	0.0	75.9	SQ FT.
EMBANKMENT	0.0	96.8	SQ FT.
TOPSOIL EXC & PLAC	0.0	34.6	SQ FT.

	STAGE 1A	STAGE 1	UNIT
EARTH EXCAVATION	0.0	86.2	SQ FT.
EMBANKMENT	0.0	92.8	SQ FT.
TOPSOIL EXC & PLAC	0.0	31.8	SQ FT.

	STAGE 1A	STAGE 1	UNIT
EARTH EXCAVATION	0.0	82.8	SQ FT.
EMBANKMENT	0.0	94.4	SQ FT.
TOPSOIL EXC & PLAC	0.0	30.8	SQ FT.

NOTE:
A DEPTH OF 12 INCHES IS USED IN THE TOPSOIL EXCAVATION AND PLACEMENT CALCULATION.

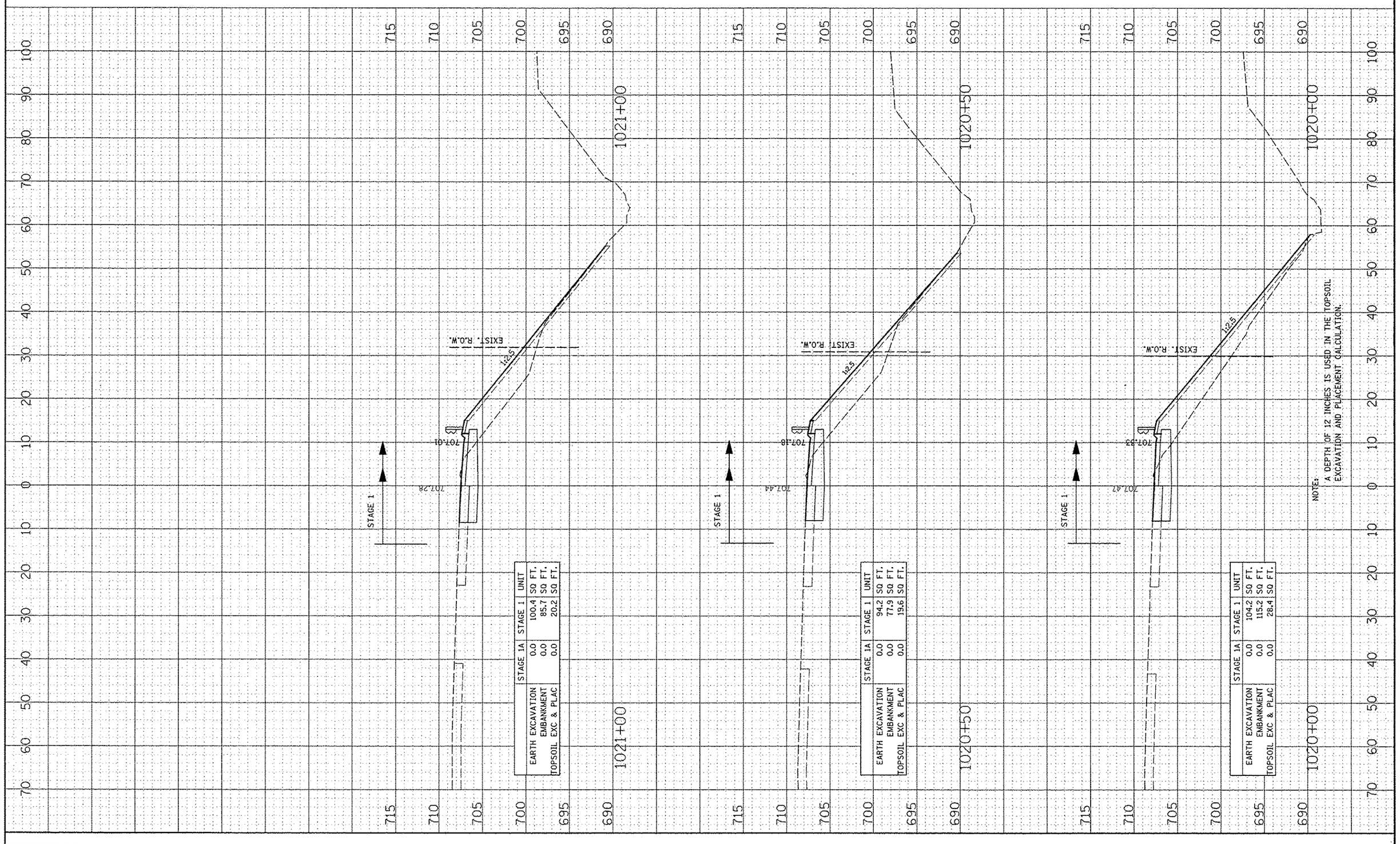
FILE NAME = $FILE$	USER NAME = $USER$	DESIGNED - RTA	REVISED -
		DRAWN - KES	REVISED -
	PLOT SCALE = $SCALE$	CHECKED - PJO	REVISED -
	PLOT DATE = $DATE$	DATE - 10/15/2012	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

CROSS SECTIONS
RAMP A – STAGE 1 THRU 4

SCALE: | SHEET NO. 10 OF 23 SHEETS | STA. 1018+00 TO STA. 1019+50

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
338	(112 & 113) WRS-5	DUPAGE	963	818
		CONTRACT NO. 60131		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		



EARTH EXCAVATION	STAGE 1A	STAGE 1	UNIT
	0.0	100.4	SQ FT.
EMBANKMENT	0.0	85.7	SQ FT.
TOPSOIL EXC & PLAC	0.0	20.2	SQ FT.

EARTH EXCAVATION	STAGE 1A	STAGE 1	UNIT
	0.0	94.2	SQ FT.
EMBANKMENT	0.0	77.9	SQ FT.
TOPSOIL EXC & PLAC	0.0	19.6	SQ FT.

EARTH EXCAVATION	STAGE 1A	STAGE 1	UNIT
	0.0	104.2	SQ FT.
EMBANKMENT	0.0	115.2	SQ FT.
TOPSOIL EXC & PLAC	0.0	28.4	SQ FT.

NOTE:
A DEPTH OF 12 INCHES IS USED IN THE TOPSOIL EXCAVATION AND PLACEMENT CALCULATION.

FINAL SURVEY — CORRECTED — DATE
ORIGINAL SURVEY — ADDITIONS — BY
NOTE BOOK — TEMPLATE
NO. — AREAS — CHECKED

FILE NAME = $FILE$	USER NAME = $USER$	DESIGNED - RTA	REVISED -
		DRAWN - KES	REVISED -
	PLOT SCALE = $SCALE$	CHECKED - PJO	REVISED -
	PLOT DATE = $DATE$	DATE - 10/15/2012	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

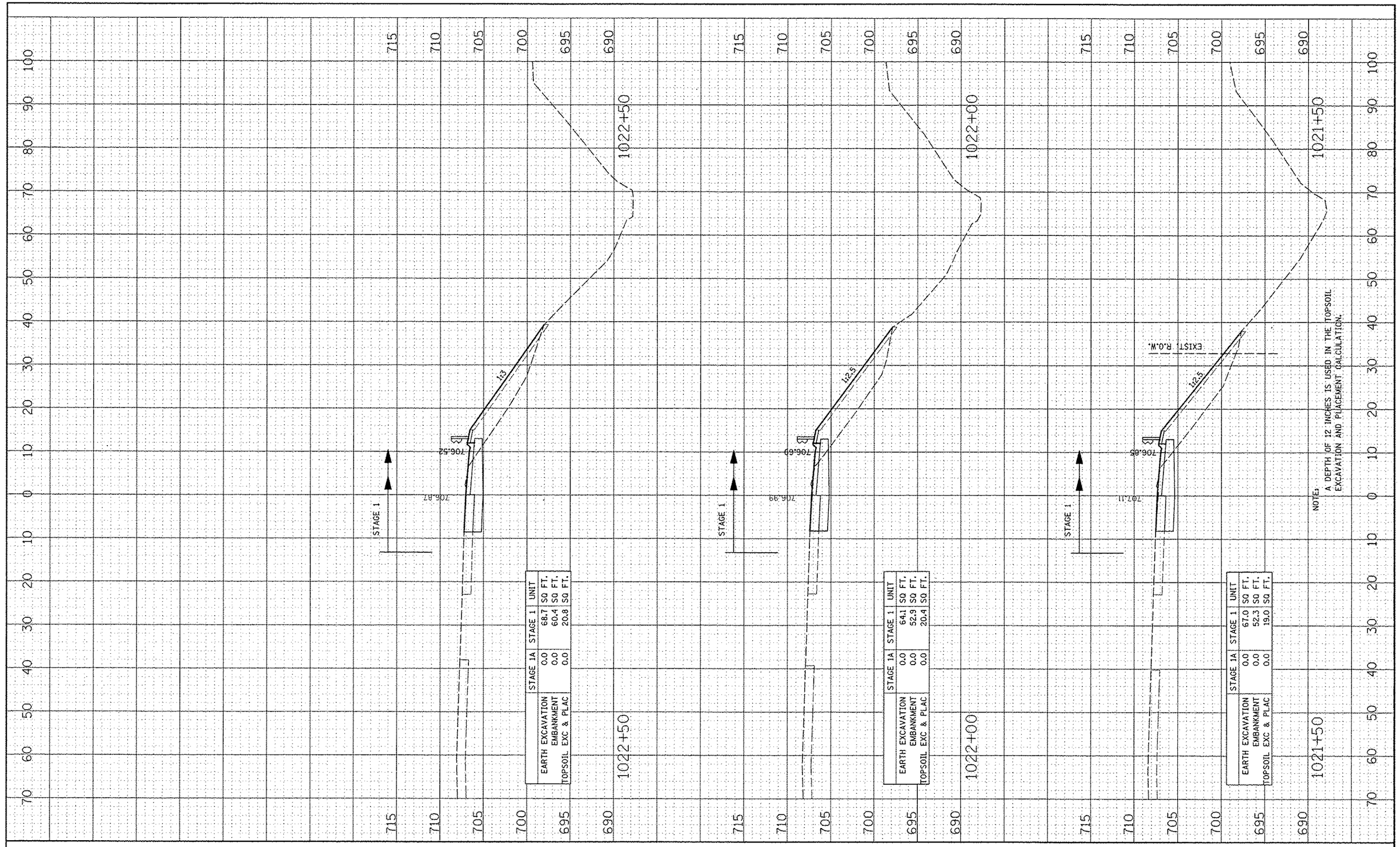
CROSS SECTIONS
RAMP A – STAGE 1 THRU 4

SCALE: | SHEET NO. 11 OF 23 SHEETS | STA. 1020+00 TO STA. 1021+00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
338	(112 & 113) WRS-5	DUPAGE	963	819
		CONTRACT NO. 60131		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		

FINAL SURVEY	SURVEYED	BY	DATE
	DRAFTED		
NOTE BOOK	TEMPLATE		
	XREFS		
	XREFS OVERLAID		

ORIGINAL SURVEY	SURVEYED	BY	DATE
	DRAFTED		
NOTE BOOK	TEMPLATE		
	XREFS		
	XREFS OVERLAID		



	STAGE 1A	STAGE 1	UNIT
EARTH EXCAVATION	0.0	68.7	SQ FT.
EMBANKMENT	0.0	60.4	SQ FT.
TOPSOIL EXC & PLAC	0.0	20.8	SQ FT.

	STAGE 1A	STAGE 1	UNIT
EARTH EXCAVATION	0.0	64.1	SQ FT.
EMBANKMENT	0.0	52.9	SQ FT.
TOPSOIL EXC & PLAC	0.0	20.4	SQ FT.

	STAGE 1A	STAGE 1	UNIT
EARTH EXCAVATION	0.0	67.0	SQ FT.
EMBANKMENT	0.0	52.3	SQ FT.
TOPSOIL EXC & PLAC	0.0	19.0	SQ FT.

NOTES:
A DEPTH OF 12 INCHES IS USED IN THE TOPSOIL EXCAVATION AND PLACEMENT CALCULATION.

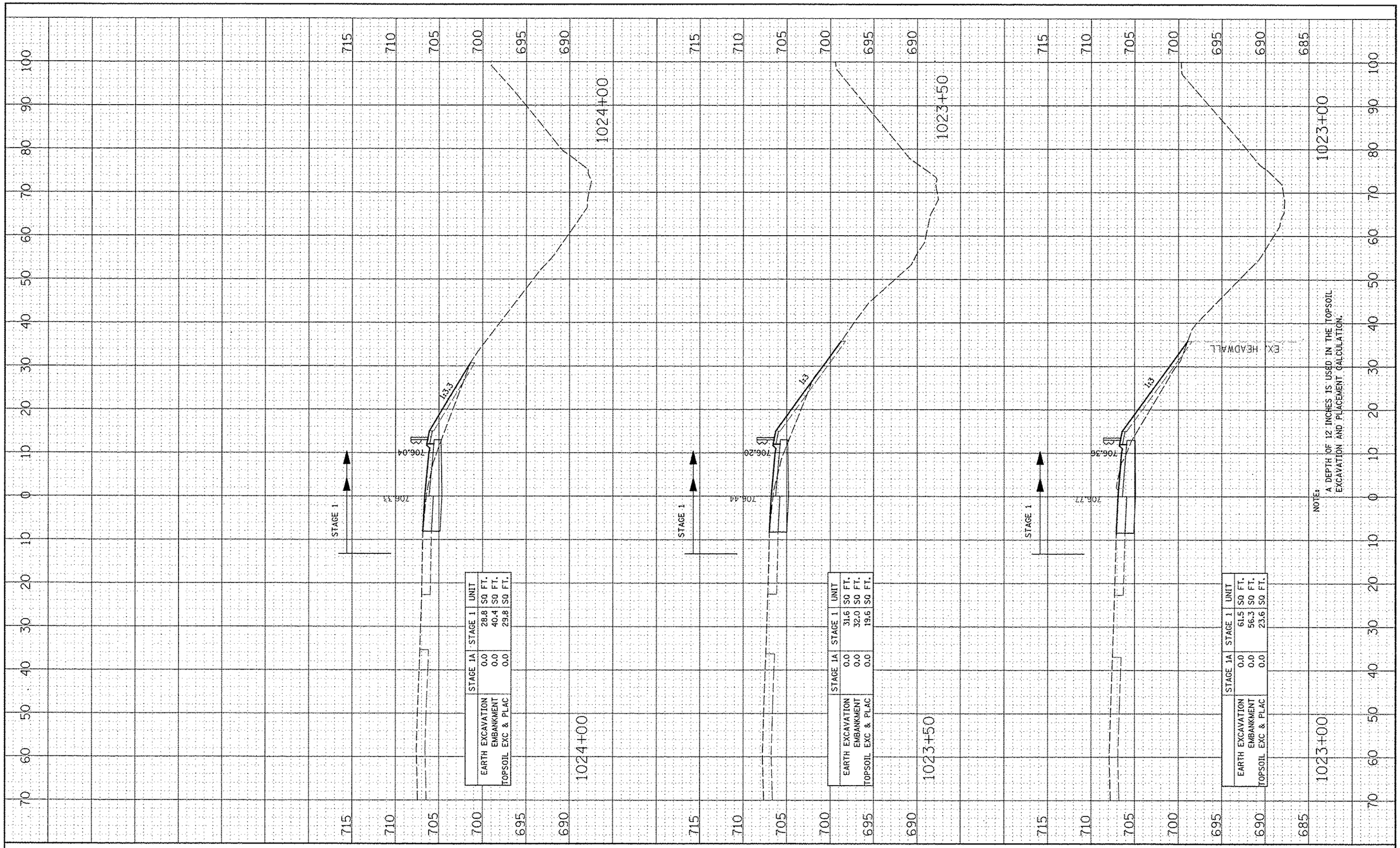
FILE NAME = $FILE$	USER NAME = $USER$	DESIGNED - RTA	REVISED -
		DRAWN - KES	REVISED -
	PLOT SCALE = $SCALE$	CHECKED - PJO	REVISED -
	PLOT DATE = $DATE$	DATE - 10/15/2012	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

CROSS SECTIONS
RAMP A – STAGE 1 THRU 4

SCALE: | SHEET NO. 12 OF 23 SHEETS | STA. 1021+50 | TO STA. 1022+50

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
338	(112 & 113) WRS-5	DUPAGE	963	820
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT	CONTRACT NO. 60131	



EARTH EXCAVATION	STAGE 1A	STAGE 1	UNIT
EMBANKMENT	0.0	28.8	SQ FT.
TOPSOIL EXC & PLAC	0.0	40.4	SQ FT.
	0.0	29.8	SQ FT.

EARTH EXCAVATION	STAGE 1A	STAGE 1	UNIT
EMBANKMENT	0.0	31.6	SQ FT.
TOPSOIL EXC & PLAC	0.0	32.0	SQ FT.
	0.0	19.6	SQ FT.

EARTH EXCAVATION	STAGE 1A	STAGE 1	UNIT
EMBANKMENT	0.0	61.5	SQ FT.
TOPSOIL EXC & PLAC	0.0	56.3	SQ FT.
	0.0	23.6	SQ FT.

NOTE:
A DEPTH OF 12 INCHES IS USED IN THE TOPSOIL EXCAVATION AND PLACEMENT CALCULATION.

FILE NAME = $FILE$	USER NAME = $USER$	DESIGNED - RTA	REVISED -
		DRAWN - KES	REVISED -
	PLOT SCALE = $SCALE$	CHECKED PJD	REVISED -
	PLOT DATE = $DATE$	DATE 10/15/2012	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

CROSS SECTIONS
RAMP A – STAGE 1 THRU 4

SCALE: | SHEET NO. 13 OF 23 SHEETS | STA. 1023+00 | TO STA. 1024+00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
338	(112 & 113) WRS-5	DUPAGE	963	821
		CONTRACT NO. 60I31		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		

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

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

	STAGE 1A	STAGE 1	UNIT
EARTH EXCAVATION	0.0	32.2	SQ FT.
EMBANKMENT	0.0	34.4	SQ FT.
TOPSOIL EXC & PLAC	0.0	23.2	SQ FT.

	STAGE 1A	STAGE 1	UNIT
EARTH EXCAVATION	0.0	27.7	SQ FT.
EMBANKMENT	0.0	43.5	SQ FT.
TOPSOIL EXC & PLAC	0.0	31.8	SQ FT.

	STAGE 1A	STAGE 1	UNIT
EARTH EXCAVATION	0.0	29.0	SQ FT.
EMBANKMENT	0.0	38.4	SQ FT.
TOPSOIL EXC & PLAC	0.0	29.4	SQ FT.

NOTE:
A DEPTH OF 12 INCHES IS USED IN THE TOPSOIL EXCAVATION AND PLACEMENT CALCULATION.

FILE NAME =	USER NAME = #USER#	DESIGNED - RTA	REVISED -
#FILE#		DRAWN - KES	REVISED -
	PLOT SCALE = #SCALE#	CHECKED - PJO	REVISED -
	PLOT DATE = #DATE#	DATE - 10/15/2012	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

CROSS SECTIONS
RAMP A – STAGE 1 THRU 4

SCALE: | SHEET NO. 14 OF 23 SHEETS | STA. 1024+50 | TO STA. 1025+50

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
338	(112 & 113) WRS-5	DUPAGE	963	822
		CONTRACT NO. 60131		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		

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

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

	STAGE 1A	STAGE 1	UNIT
EARTH EXCAVATION	0.0	38.6	SQ FT.
EMBANKMENT	0.0	48.2	SQ FT.
TOPSOIL EXC & PLAC	0.0	37.1	SQ FT.

	STAGE 1A	STAGE 1	UNIT
EARTH EXCAVATION	0.0	45.7	SQ FT.
EMBANKMENT	0.0	41.0	SQ FT.
TOPSOIL EXC & PLAC	0.0	40.4	SQ FT.

	STAGE 1A	STAGE 1	UNIT
EARTH EXCAVATION	0.0	41.9	SQ FT.
EMBANKMENT	0.0	35.0	SQ FT.
TOPSOIL EXC & PLAC	0.0	33.0	SQ FT.

NOTE: A DEPTH OF 12 INCHES IS USED IN THE TOPSOIL EXCAVATION AND PLACEMENT CALCULATION.

FILE NAME = #FILE1#	USER NAME = #USER#	DESIGNED - RTA	REVISED - ADDENDUM A 12/17/2012
		DRAWN - KES	REVISED -
	PLOT SCALE = #SCALE#	CHECKED - PJO	REVISED -
	PLOT DATE = #DATE#	DATE - 10/15/2012	REVISED -

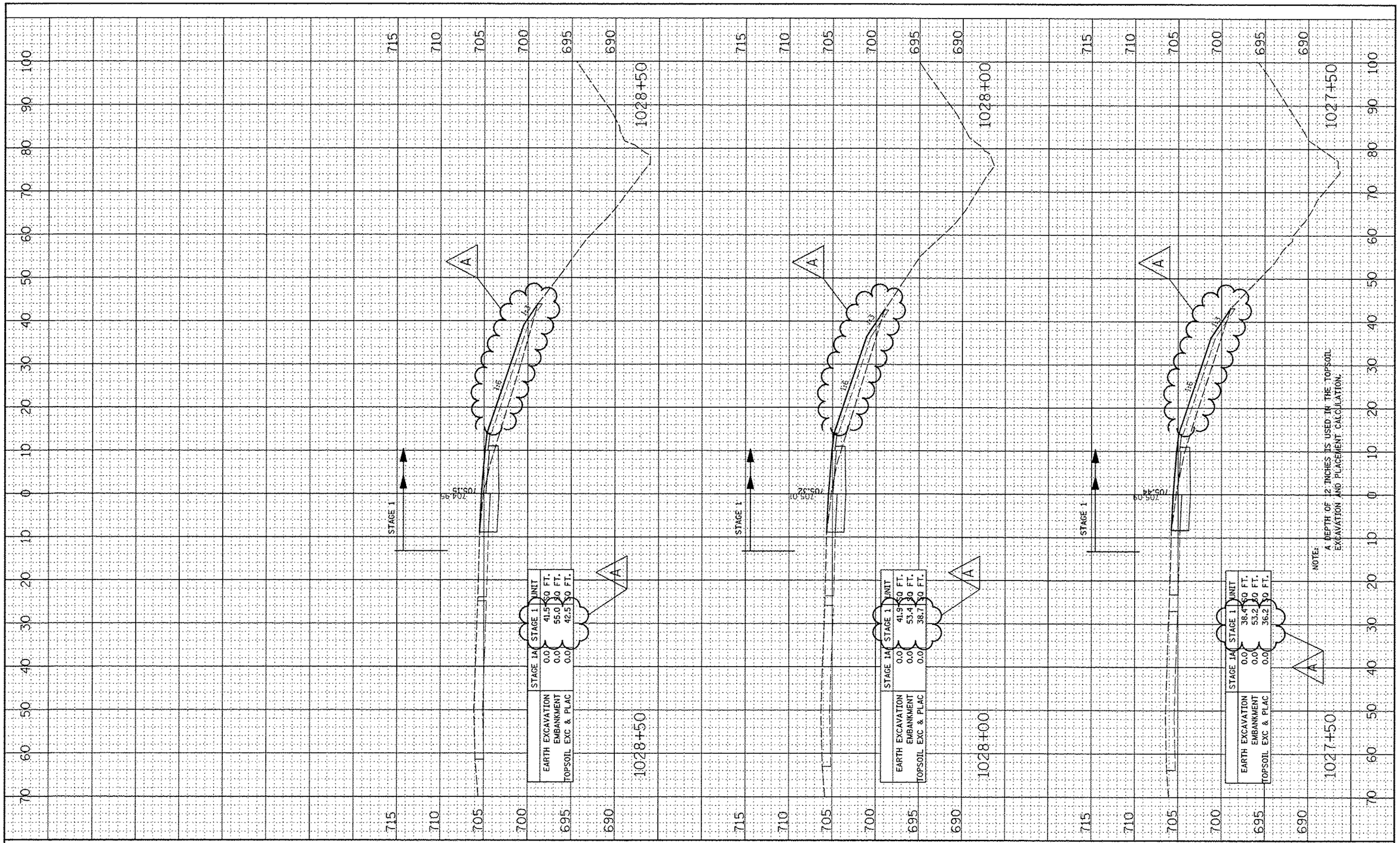
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

CROSS SECTIONS
RAMP A – STAGE 1 THRU 4

SCALE: | SHEET NO. 15 OF 23 SHEETS | STA. 1026+00 | TO STA. 1027+00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
338	(112 & 113) WRS-5	DUPAGE	963	823
		CONTRACT NO. 60I31		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		

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



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

FILE NAME = ‡FILE‡	USER NAME = ‡USER‡	DESIGNED - RTA	REVISED - ADDENDUM A 12/17/2012	**STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION**	**CROSS SECTIONS RAMP A – STAGE 1 THRU 4**
		DRAWN - KES	REVISED -		
	PLOT SCALE = ‡SCALE‡	CHECKED - PJO	REVISED -		
	PLOT DATE = ‡DATE‡	DATE - 10/15/2012	REVISED -		SCALE:

SHEET NO. 16 OF 23 SHEETS | STA. 1027+50 | TO STA. 1028+50

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
338	(112 & 113) WRS-5	DUPAGE	963	824
		CONTRACT NO. 60I31		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		

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

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

FILE NAME = $FILE$	USER NAME = $USER$	DESIGNED - RTA	REVISED - ADDENDUM A 12/17/2012
		DRAWN - KES	REVISED -
	PLOT SCALE = $SCALE$	CHECKED - PJO	REVISED -
	PLOT DATE = $DATE$	DATE - 10/15/2012	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

CROSS SECTIONS
RAMP A – STAGE 1 THRU 4

SCALE: | SHEET NO. 17 OF 23 SHEETS | STA. 1029+00 | TO STA. 1030+50

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
338	(112 & 113) WRS-5	DUPAGE	963	825
		CONTRACT NO. 60I31		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		

FINAL SURVEY
NOTE BOOK
NO.

SURVEYED
PLOTTED
TRACED
AREAS
AREAS CHECKED

BY

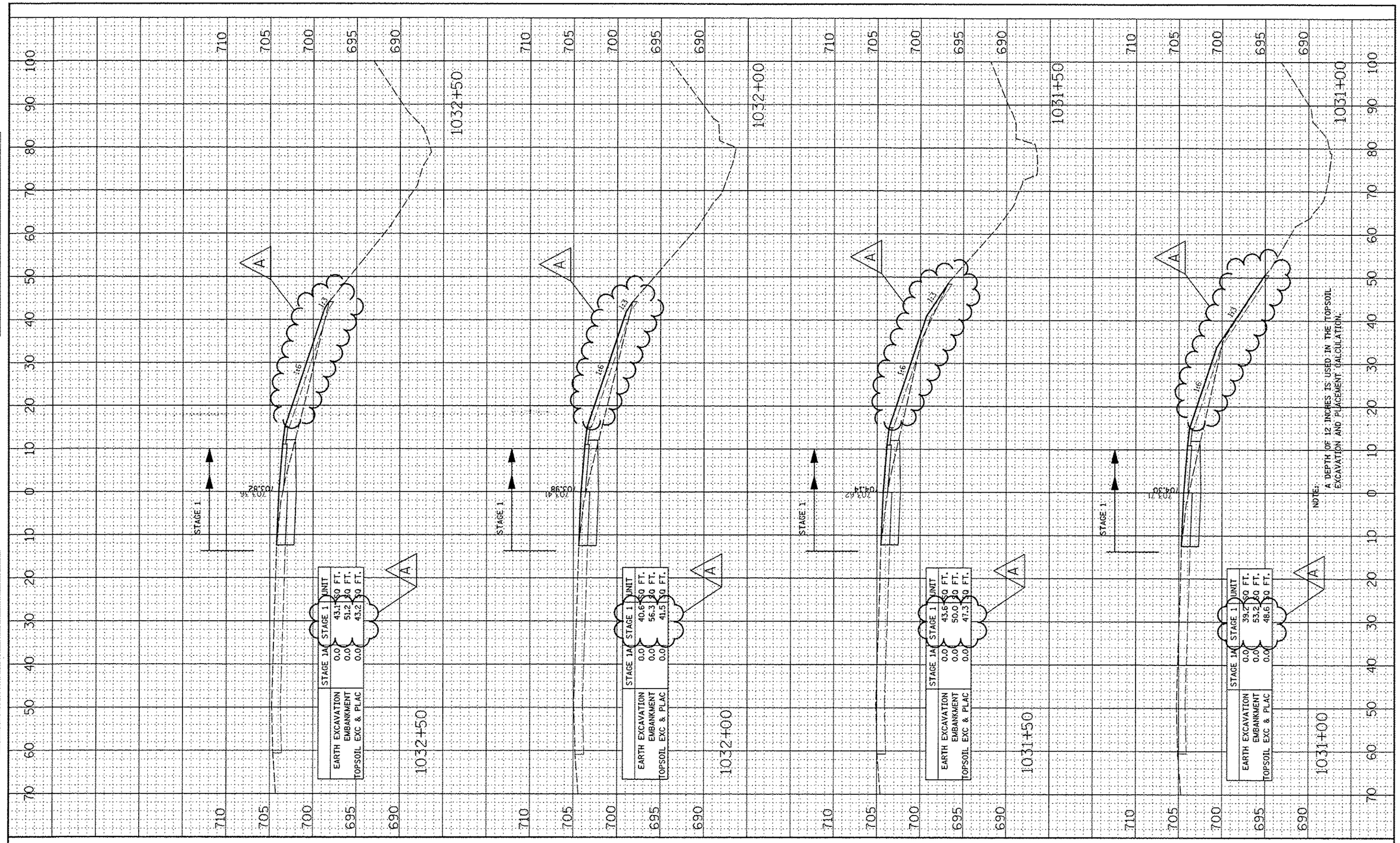
DATE

ORIGINAL SURVEY
NOTE BOOK
NO.

SURVEYED
PLOTTED
TRACED
AREAS
AREAS CHECKED

BY

DATE



FILE NAME = #FILE1#	USER NAME = #USER#	DESIGNED - RTA	REVISED - ADDENDUM A 12/17/2012
		DRAWN - KES	REVISED -
	PLOT SCALE = #SCALE#	CHECKED - PJO	REVISED -
	PLOT DATE = #DATE#	DATE - 10/15/2012	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

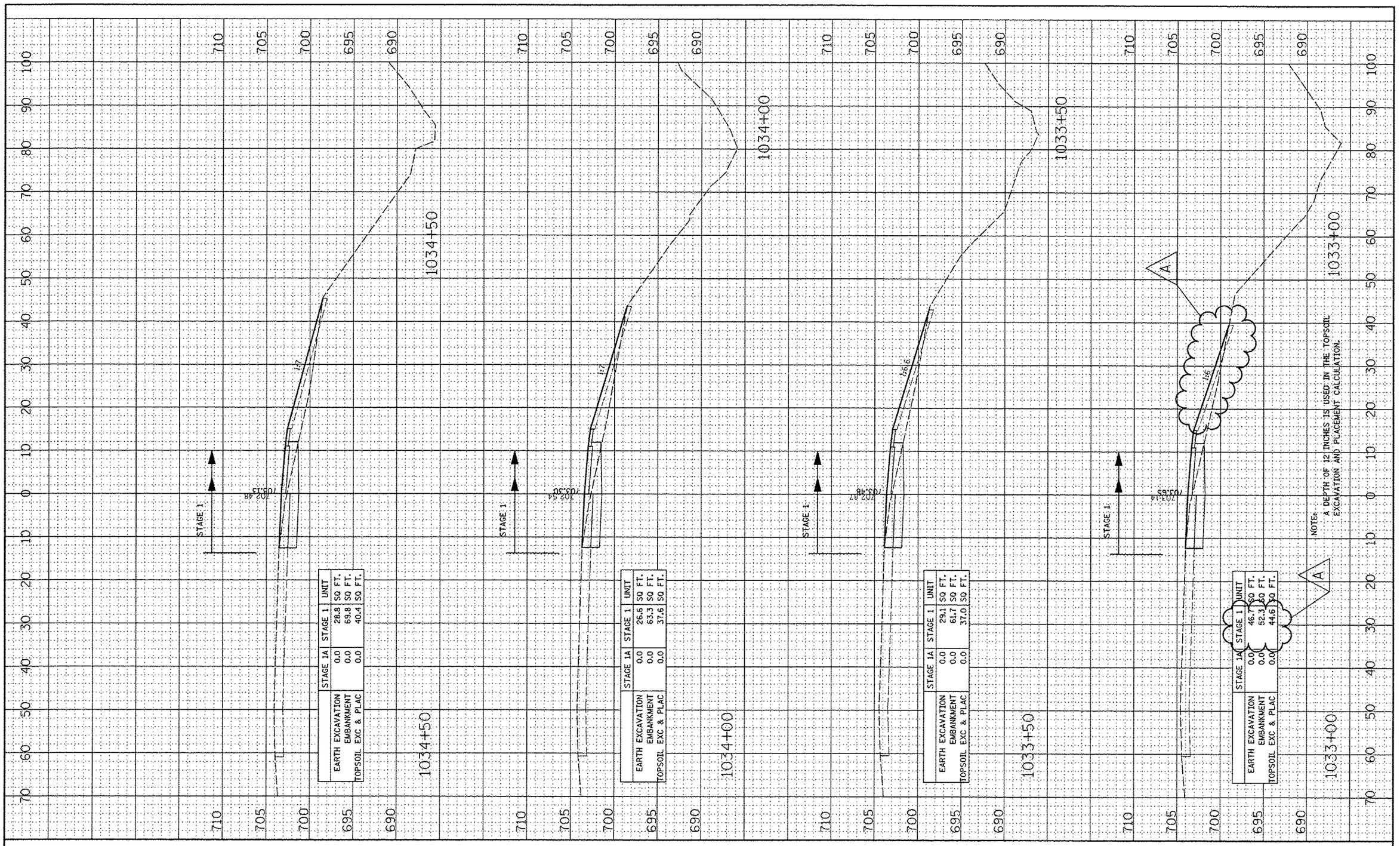
CROSS SECTIONS
RAMP A – STAGE 1 THRU 4

SCALE: | SHEET NO. 18 OF 23 SHEETS | STA. 1031+00 | TO STA. 1032+50

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
338	(112 & 113) WRS-5	DUPAGE	963	826
		CONTRACT NO. 60I31		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		

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

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



EARTH EXCAVATION	STAGE 1A	STAGE 1	UNIT
EMBANKMENT	0.0	28.8	SQ FT.
TOPSOIL EXC & PLAC	0.0	69.8	SQ FT.
	0.0	40.4	SQ FT.

EARTH EXCAVATION	STAGE 1A	STAGE 1	UNIT
EMBANKMENT	0.0	26.6	SQ FT.
TOPSOIL EXC & PLAC	0.0	63.3	SQ FT.
	0.0	37.6	SQ FT.

EARTH EXCAVATION	STAGE 1A	STAGE 1	UNIT
EMBANKMENT	0.0	29.1	SQ FT.
TOPSOIL EXC & PLAC	0.0	61.7	SQ FT.
	0.0	37.0	SQ FT.

EARTH EXCAVATION	STAGE 1A	STAGE 1	UNIT
EMBANKMENT	0.0	46.1	SQ FT.
TOPSOIL EXC & PLAC	0.0	52.3	SQ FT.
	0.0	44.6	SQ FT.

NOTE:
A DEPTH OF 12 INCHES IS USED IN THE TOPSOIL EXCAVATION AND PLACEMENT CALCULATION.

FILE NAME = *FILEL*	USER NAME = *USER*	DESIGNED - RTA	REVISED - ADDENDUM A 12/17/2012
		DRAWN - KES	REVISED -
	PLOT SCALE = *SCALE*	CHECKED - PJO	REVISED -
	PLOT DATE = *DATE*	DATE - 10/15/2012	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

CROSS SECTIONS
RAMP A – STAGE 1 THRU 4

SCALE: | SHEET NO. 19 OF 23 SHEETS | STA. 1033+00 | TO STA. 1034+50

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
338	(112 & 113) WRS-5	DUPAGE	963	827
		CONTRACT NO. 60I31		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		

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

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

FILE NAME =

USER NAME = USER#4

PLOT SCALE = SCALE%

PLOT DATE = DATE#4

DESIGNED RTA

DRAWN KLS

CHECKED PJD

DATE 10/15/2012

REVISED

REVISED

REVISED

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

CROSS SECTIONS
RAMP A - STAGE 1 THRU 4

SCALE:

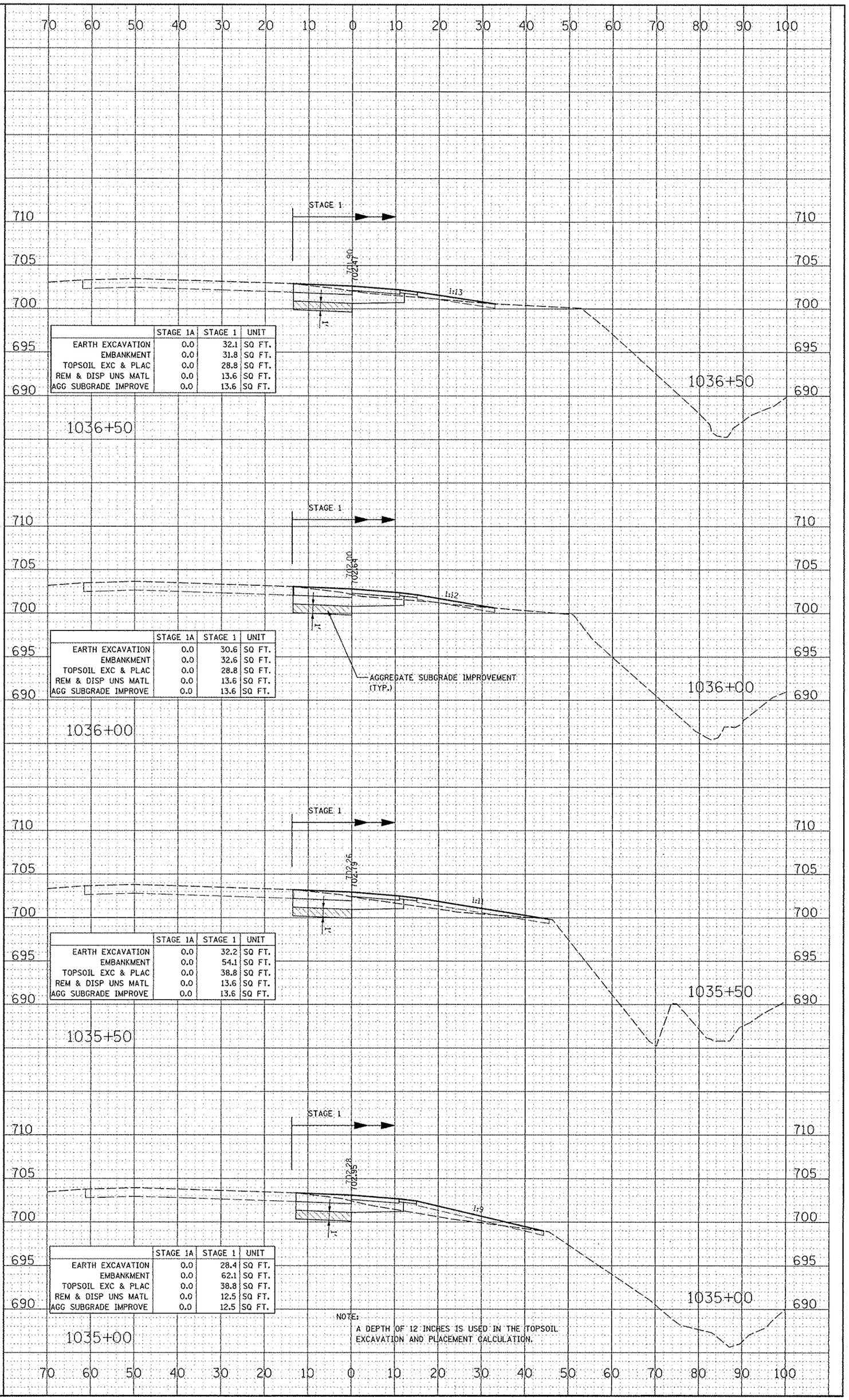
SHEET NO. 20 OF 23 SHEETS

STA. 1035+00

TO STA. 1036+50

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
339	(112 & 113) WRS-5	DUPAGE	963	828

FED. ROAD DIST. NO. | ILLINOIS FED. AID PROJECT | CONTRACT NO. 60131



	STAGE 1A	STAGE 1	UNIT
EARTH EXCAVATION	0.0	32.1	SQ FT.
EMBANKMENT	0.0	31.8	SQ FT.
TOPSOIL EXC & PLAC	0.0	28.8	SQ FT.
REM & DISP UNS MATL	0.0	13.6	SQ FT.
AGG SUBGRADE IMPROVE	0.0	13.6	SQ FT.

	STAGE 1A	STAGE 1	UNIT
EARTH EXCAVATION	0.0	30.6	SQ FT.
EMBANKMENT	0.0	32.6	SQ FT.
TOPSOIL EXC & PLAC	0.0	28.8	SQ FT.
REM & DISP UNS MATL	0.0	13.6	SQ FT.
AGG SUBGRADE IMPROVE	0.0	13.6	SQ FT.

	STAGE 1A	STAGE 1	UNIT
EARTH EXCAVATION	0.0	32.2	SQ FT.
EMBANKMENT	0.0	54.1	SQ FT.
TOPSOIL EXC & PLAC	0.0	38.8	SQ FT.
REM & DISP UNS MATL	0.0	13.6	SQ FT.
AGG SUBGRADE IMPROVE	0.0	13.6	SQ FT.

	STAGE 1A	STAGE 1	UNIT
EARTH EXCAVATION	0.0	28.4	SQ FT.
EMBANKMENT	0.0	62.1	SQ FT.
TOPSOIL EXC & PLAC	0.0	38.8	SQ FT.
REM & DISP UNS MATL	0.0	12.5	SQ FT.
AGG SUBGRADE IMPROVE	0.0	12.5	SQ FT.

NOTE:
A DEPTH OF 12 INCHES IS USED IN THE TOPSOIL EXCAVATION AND PLACEMENT CALCULATION.

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

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

FILE NAME = $FILE$

USER NAME = $USER$

PLOT SCALE = $SCALE$

PLOT DATE = $DATE$

DESIGNED - RJA

DRAWN - KCS

CHECKED - PJO

DATE 10/24/2012

REVISED -

REVISED -

REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

CROSS SECTIONS
RAMP A – STAGE 1 THRU 4

SCALE:

SHEET NO. 21 OF 23 SHEETS STA. 1037+00 TO STA. 1038+50

F.A.P. RTE. 338

SECTION (112 & 113) WRS-5

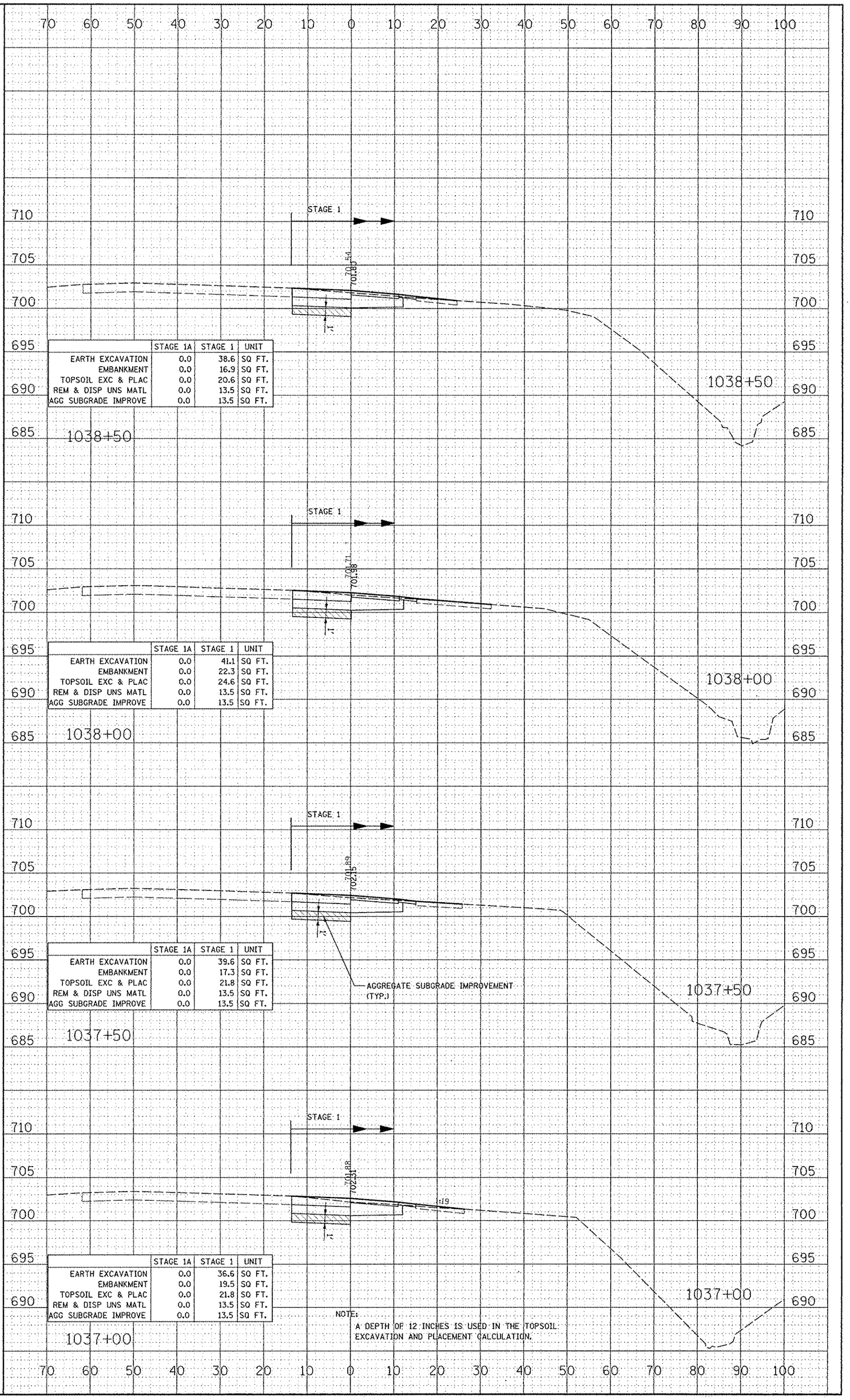
COUNTY DUPAGE

TOTAL SHEETS 963

SHEET NO. 829

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

CONTRACT NO. 60131



	STAGE 1A	STAGE 1	UNIT
EARTH EXCAVATION	0.0	38.6	SQ FT.
EMBANKMENT	0.0	16.9	SQ FT.
TOPSOIL EXC & PLAC	0.0	20.6	SQ FT.
REM & DISP UNS MATL	0.0	13.5	SQ FT.
AGG SUBGRADE IMPROVE	0.0	13.5	SQ FT.

	STAGE 1A	STAGE 1	UNIT
EARTH EXCAVATION	0.0	41.1	SQ FT.
EMBANKMENT	0.0	22.3	SQ FT.
TOPSOIL EXC & PLAC	0.0	24.6	SQ FT.
REM & DISP UNS MATL	0.0	13.5	SQ FT.
AGG SUBGRADE IMPROVE	0.0	13.5	SQ FT.

	STAGE 1A	STAGE 1	UNIT
EARTH EXCAVATION	0.0	39.6	SQ FT.
EMBANKMENT	0.0	17.3	SQ FT.
TOPSOIL EXC & PLAC	0.0	21.8	SQ FT.
REM & DISP UNS MATL	0.0	13.5	SQ FT.
AGG SUBGRADE IMPROVE	0.0	13.5	SQ FT.

	STAGE 1A	STAGE 1	UNIT
EARTH EXCAVATION	0.0	36.6	SQ FT.
EMBANKMENT	0.0	19.5	SQ FT.
TOPSOIL EXC & PLAC	0.0	21.8	SQ FT.
REM & DISP UNS MATL	0.0	13.5	SQ FT.
AGG SUBGRADE IMPROVE	0.0	13.5	SQ FT.

NOTE:
A DEPTH OF 12 INCHES IS USED IN THE TOPSOIL EXCAVATION AND PLACEMENT CALCULATION.

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

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

FILE NAME = s:\

USER NAME = BUSER4

PLOT SCALE = 1.0000 '/ INCH

PLOT DATE = 10/15/2012

DESIGNED - R.F.A.
DRAWN - K.E.S.
CHECKED - P.W.
DATE 10/15/2012

REVISED
REVISED
REVISED

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

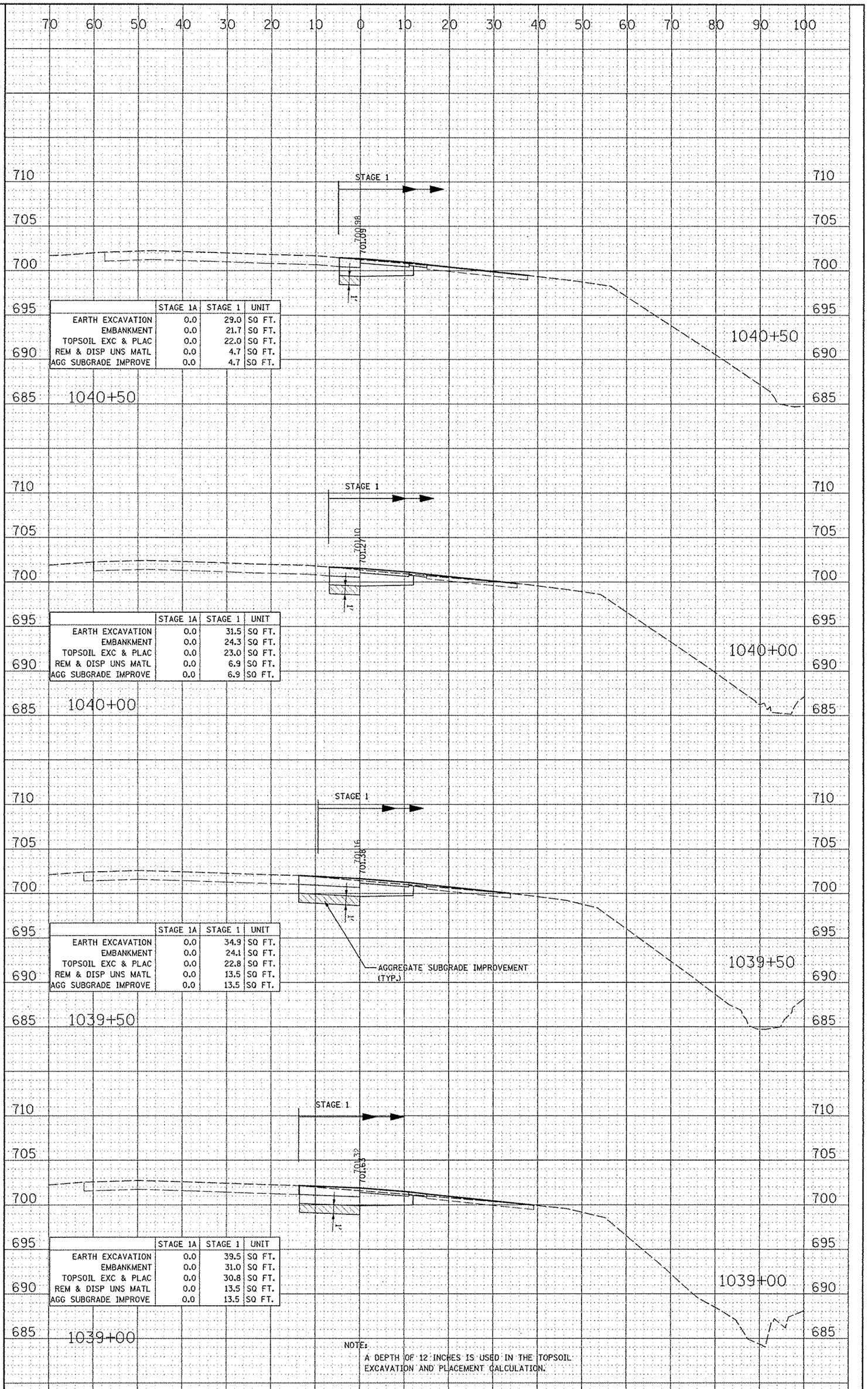
CROSS SECTIONS
RAMP A - STAGE 1 THRU 4

SCALE:

SHEET NO. 22 OF 23 SHEETS STA. 1039+00 TO STA. 1040+50

F.A.P. RTE. 338 | SECTION (112 & 113) WRS-5 | COUNTY DUPAGE | TOTAL SHEETS 963 | SHEET NO. 830

FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT | CONTRACT NO. 60131



	STAGE 1A	STAGE 1	UNIT
EARTH EXCAVATION	0.0	29.0	SQ FT.
EMBANKMENT	0.0	21.7	SQ FT.
TOPSOIL EXC & PLAC	0.0	22.0	SQ FT.
REM & DISP UNS MATL	0.0	4.7	SQ FT.
AGG SUBGRADE IMPROVE	0.0	4.7	SQ FT.

1040+50

	STAGE 1A	STAGE 1	UNIT
EARTH EXCAVATION	0.0	31.5	SQ FT.
EMBANKMENT	0.0	24.3	SQ FT.
TOPSOIL EXC & PLAC	0.0	23.0	SQ FT.
REM & DISP UNS MATL	0.0	6.9	SQ FT.
AGG SUBGRADE IMPROVE	0.0	6.9	SQ FT.

1040+00

	STAGE 1A	STAGE 1	UNIT
EARTH EXCAVATION	0.0	34.9	SQ FT.
EMBANKMENT	0.0	24.1	SQ FT.
TOPSOIL EXC & PLAC	0.0	22.8	SQ FT.
REM & DISP UNS MATL	0.0	13.5	SQ FT.
AGG SUBGRADE IMPROVE	0.0	13.5	SQ FT.

1039+50

	STAGE 1A	STAGE 1	UNIT
EARTH EXCAVATION	0.0	39.5	SQ FT.
EMBANKMENT	0.0	31.0	SQ FT.
TOPSOIL EXC & PLAC	0.0	30.8	SQ FT.
REM & DISP UNS MATL	0.0	13.5	SQ FT.
AGG SUBGRADE IMPROVE	0.0	13.5	SQ FT.

1039+00

NOTE:
A DEPTH OF 12 INCHES IS USED IN THE TOPSOIL EXCAVATION AND PLACEMENT CALCULATION.

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

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

1042+55.31

1042+50

1042+00

1041+50

1041+00

STAGE 1

700.72

700.73

700.85

700.86

700.94

1.0"

AGGREGATE, SUBGRADE IMPROVEMENT

NOTE:
A DEPTH OF 12 INCHES IS USED IN THE TOPSOIL EXCAVATION AND PLACEMENT CALCULATION.

	STAGE 1A	STAGE 1	UNIT
EARTH EXCAVATION	0.0	19.8	SQ FT.
EMBANKMENT	0.0	23.9	SQ FT.
TOPSOIL EXC & PLAC	0.0	24.2	SQ FT.

	STAGE 1A	STAGE 1	UNIT
EARTH EXCAVATION	0.0	27.8	SQ FT.
EMBANKMENT	0.0	22.6	SQ FT.
TOPSOIL EXC & PLAC	0.0	19.6	SQ FT.
REM & DISP UNS MATL	0.0	4.7	SQ FT.
AGG SUBGRADE IMPROVE	0.0	4.7	SQ FT.

FILE NAME = $FILE$	USER NAME = $USER$	DESIGNED - RTA	REVISED -
		DRAWN - KES	REVISED
	PLOT SCALE = $SCALE$	CHECKED - PJO	REVISED
	PLOT DATE = $DATE$	DATE - 10/15/2012	REVISED

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

CROSS SECTIONS
RAMP A – STAGE 1 THRU 4

SCALE: | SHEET NO. 23 OF 23 SHEETS | STA. 1041+00 | TO STA. 1042+55.31

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
338	(112 & 113) WRS-5	DUPAGE	963	831
		CONTRACT NO. 60131		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		

PRE-STAGE 1		UNIT
EARTH EXCAVATION	15.5	SQ FT.
EMBANKMENT	31.4	SQ FT.
TOPSOIL EXC & PLAC	26.2	SQ FT.

PRE-STAGE 1		UNIT
EARTH EXCAVATION	16.5	SQ FT.
EMBANKMENT	30.1	SQ FT.
TOPSOIL EXC & PLAC	25.6	SQ FT.

PRE-STAGE 1		UNIT
EARTH EXCAVATION	18.9	SQ FT.
EMBANKMENT	23.2	SQ FT.
TOPSOIL EXC & PLAC	23.8	SQ FT.

PRE-STAGE 1		UNIT
EARTH EXCAVATION	15.8	SQ FT.
EMBANKMENT	16.9	SQ FT.
TOPSOIL EXC & PLAC	19.0	SQ FT.

PRE-STAGE 1		UNIT
EARTH EXCAVATION	13.6	SQ FT.
EMBANKMENT	12.7	SQ FT.
TOPSOIL EXC & PLAC	13.8	SQ FT.

PRE-STAGE 1		UNIT
EARTH EXCAVATION	10.1	SQ FT.
EMBANKMENT	0.0	SQ FT.
TOPSOIL EXC & PLAC	0.0	SQ FT.

NOTE:
A DEPTH OF 12 INCHES IS USED IN THE TOPSOIL EXCAVATION AND PLACEMENT CALCULATION.

LEGEND: TEMPORARY PAVEMENT

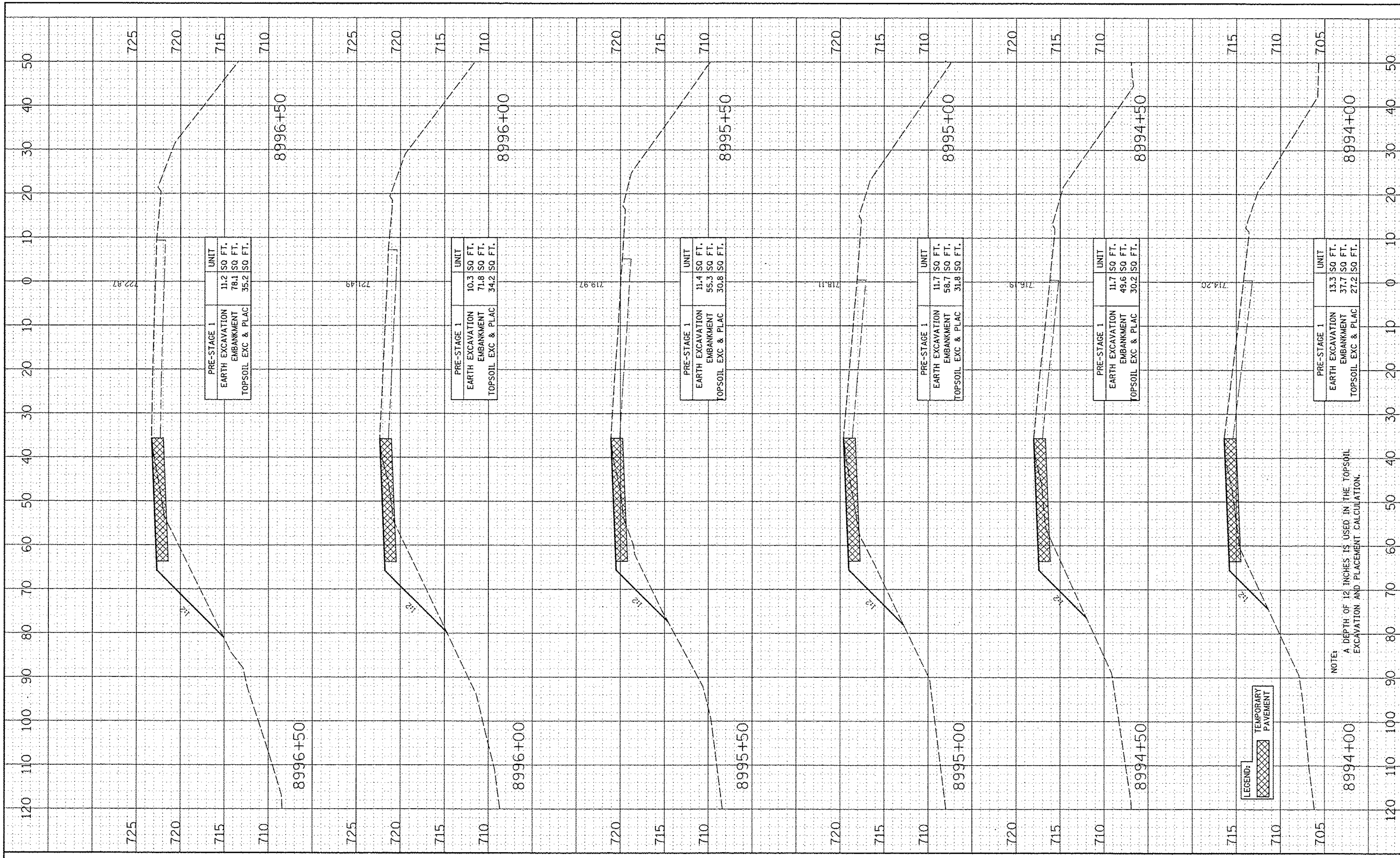
FILE NAME = #FILE#	USER NAME = #USER#	DESIGNED - RTA	REVISED -
		DRAWN - KES	REVISED -
	PLOT SCALE = #SCALE#	CHECKED - PJD	REVISED -
	PLOT DATE = #DATE#	DATE - 10/15/2012	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

CROSS SECTIONS
RAMP B – PRE-STAGE

SCALE: | SHEET NO. 1 OF 3 SHEETS | STA. 8990+50 TO STA. 8993+50

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
338	(112 & 113) WRS-5	DUPAGE	963	832
		CONTRACT NO. 60I31		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		



PRE-STAGE 1 (STA.)	EARTH EXCAVATION	EMBANKMENT	TOPSOIL EXC & PLAC
UNIT	SQ FT.	SQ FT.	SQ FT.
8996+50	11.2	78.1	35.2
8996+00	10.3	71.8	34.2
8995+50	11.4	55.3	30.8
8995+00	11.7	58.7	31.8
8994+50	11.7	49.6	30.2
8994+00	13.3	37.7	27.2

NOTE: A DEPTH OF 12 INCHES IS USED IN THE TOPSOIL EXCAVATION AND PLACEMENT CALCULATION.

LEGEND: TEMPORARY PAVEMENT

FILE NAME = $FILE$
USER NAME = $USER$
PLOT SCALE = $SCALE$
PLOT DATE = $DATE$

DESIGNED - RTA
DRAWN - KES
CHECKED - PJO
DATE - 10/15/2012

REVISED -
REVISED -
REVISED -
REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

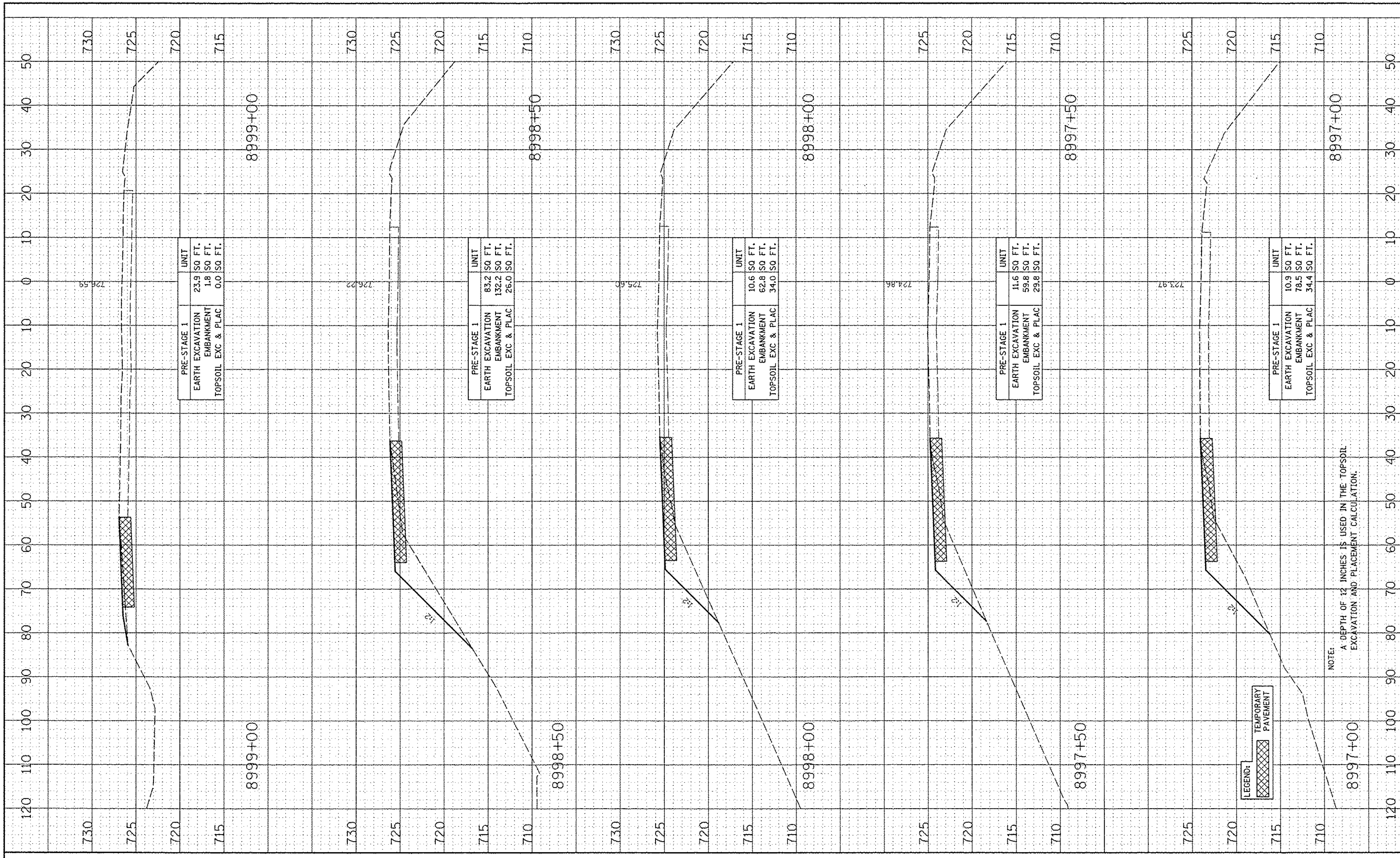
CROSS SECTIONS
RAMP B – PRE-STAGE

SCALE: SHEET NO. 2 OF 3 SHEETS STA. 8994+00 TO STA. 8996+50

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
338	(112 & 113) WRS-5	DUPAGE	963	833

CONTRACT NO. 60131

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



Sta. 8999+00

PRE-STAGE 1		UNIT
EARTH EXCAVATION	23.9	SQ FT.
EMBANKMENT	1.8	SQ FT.
TOPSOIL EXC & PLAC	0.0	SQ FT.

Sta. 8998+50

PRE-STAGE 1		UNIT
EARTH EXCAVATION	83.2	SQ FT.
EMBANKMENT	132.2	SQ FT.
TOPSOIL EXC & PLAC	26.0	SQ FT.

Sta. 8998+00

PRE-STAGE 1		UNIT
EARTH EXCAVATION	10.6	SQ FT.
EMBANKMENT	62.8	SQ FT.
TOPSOIL EXC & PLAC	34.0	SQ FT.

Sta. 8997+50

PRE-STAGE 1		UNIT
EARTH EXCAVATION	11.6	SQ FT.
EMBANKMENT	59.8	SQ FT.
TOPSOIL EXC & PLAC	29.8	SQ FT.

Sta. 8997+00

PRE-STAGE 1		UNIT
EARTH EXCAVATION	10.9	SQ FT.
EMBANKMENT	78.5	SQ FT.
TOPSOIL EXC & PLAC	34.4	SQ FT.

NOTE:
A DEPTH OF 12 INCHES IS USED IN THE TOPSOIL EXCAVATION AND PLACEMENT CALCULATION.

FILE NAME = $FILE$

USER NAME = $USER$ | PLOT SCALE = $SCALE$ | PLOT DATE = $DATE$

DESIGNED - RTA | DRAWN - KES | CHECKED - PJO | DATE - 10/15/2012

REVISED - | REVISED - | REVISED - | REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

CROSS SECTIONS
RAMP B - PRE-STAGE

SCALE: | SHEET NO. 3 OF 3 SHEETS | STA. 8997+00 TO STA. 8999+00

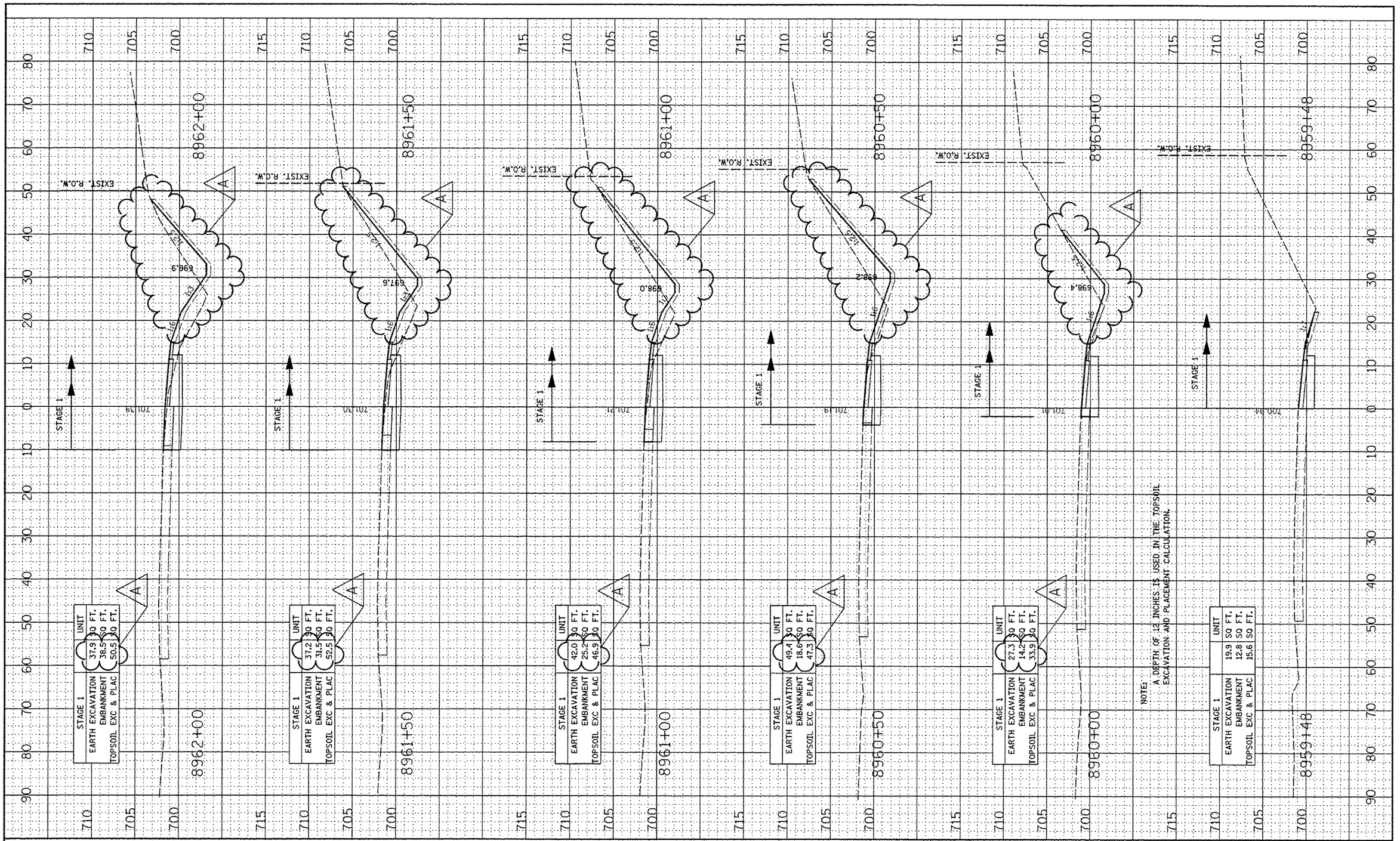
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
338	(112 & 113) WRS-5	DUPAGE	963	834

CONTRACT NO. 60I31

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

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

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



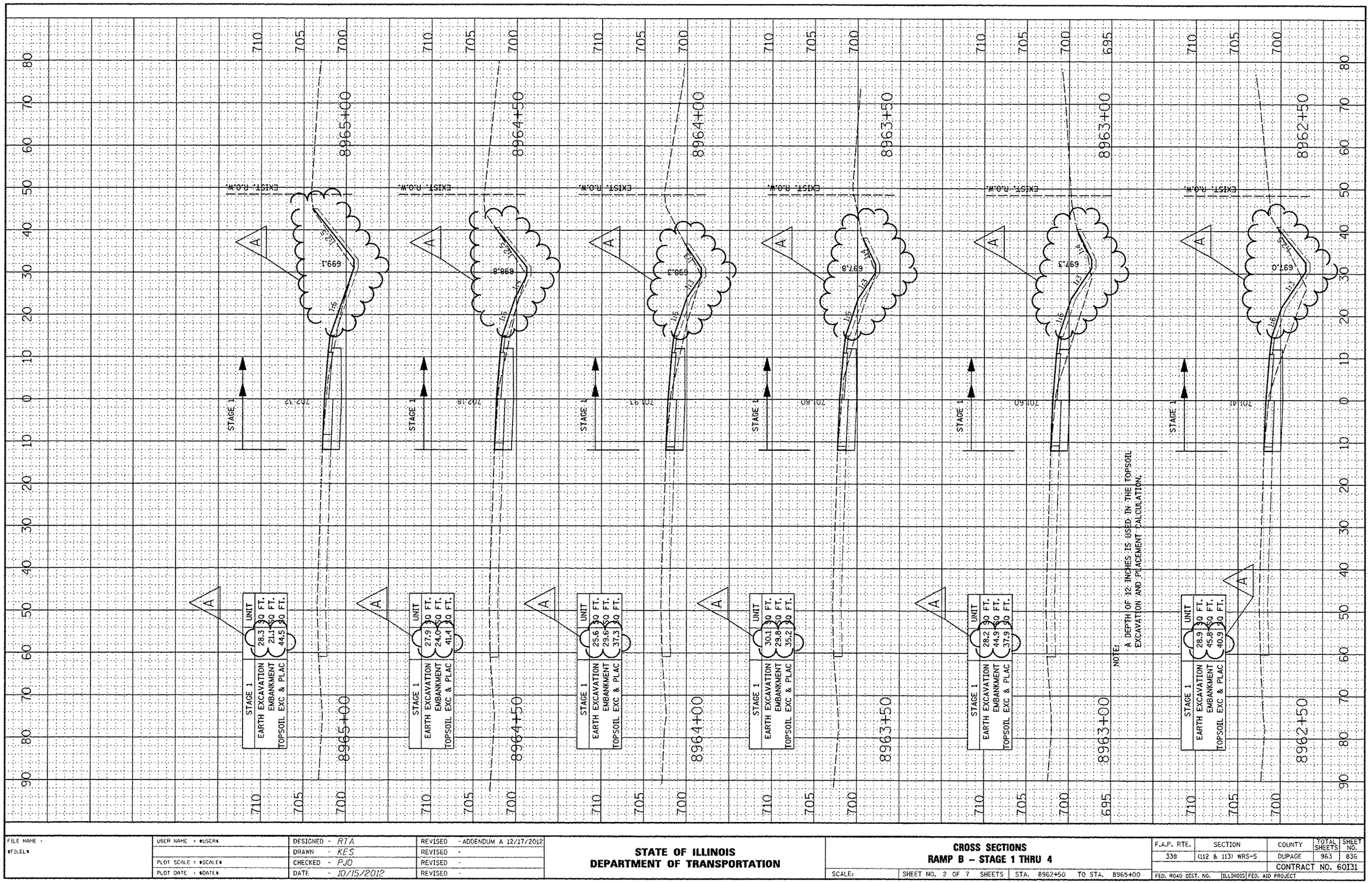
FILE NAME = #FILE1#	USER NAME = #USER#	DESIGNED - RTA	REVISED -ADDENDUM A 12/17/2012
		DRAWN - KES	REVISED -
	PLOT SCALE = #SCALE#	CHECKED - PJO	REVISED -
	PLOT DATE = #DATE#	DATE - 10/15/2012	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

CROSS SECTIONS
RAMP B – STAGE 1 THRU 4

SCALE: | SHEET NO. 1 OF 7 SHEETS | STA. 8959+47.92 TO STA. 8962+00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
338	(112 & 113) WRS-5	DUPAGE	963	835
		CONTRACT NO. 60I31		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		



FILE NAME = $FILE$	USER NAME = $USER$	DESIGNED - RTA	REVISED - ADDENDUM A 12/17/2012
		DRAWN - KES	REVISED -
	PLOT SCALE = $SCALE$	CHECKED - PJO	REVISED -
	PLOT DATE = $DATE$	DATE - 10/15/2012	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

CROSS SECTIONS
RAMP B – STAGE 1 THRU 4

SCALE: | SHEET NO. 2 OF 7 SHEETS | STA. 8962+50 TO STA. 8965+00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
338	(112 & 113) WRS-5	DUPAGE	963	836
		CONTRACT NO. 60I31		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		

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

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

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

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

FILE NAME = $FILE$

USER NAME = $USER$

PLOT SCALE = $SCALE$

PLOT DATE = $DATE$

DESIGNED - RTA

DRAWN - KES

CHECKED - PJD

DATE 10/15/2012

REVISED

REVISED

REVISED

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

CROSS SECTIONS
RAMP B ~ STAGE 1 THRU 4

SCALE: 1" = 10'

SHEET NO. 3 OF 7 SHEETS | STA. 8965+50 TO STA. 8968+00

NO CROSS-SECTIONS PROVIDED
BETWEEN STA. 8968+50 TO STA. 8991+00

STAGE 1		UNIT
EARTH EXCAVATION	0.0	SQ FT.
EMBANKMENT	0.0	SQ FT.
TOPSOIL EXC & PLAC	0.0	SQ FT.

8968+00

703.51

EXIST. R.O.W.

8968+00

STAGE 1		UNIT
EARTH EXCAVATION	37.4	SQ FT.
EMBANKMENT	232	SQ FT.
TOPSOIL EXC & PLAC	19.4	SQ FT.

STAGE 1

8967+50

703.39

1:6

EXIST. R.O.W.

8967+50

STAGE 1		UNIT
EARTH EXCAVATION	37.4	SQ FT.
EMBANKMENT	25.6	SQ FT.
TOPSOIL EXC & PLAC	22.2	SQ FT.

STAGE 1

8967+00

703.25

1:7

EXIST. R.O.W.

8967+00

STAGE 1		UNIT
EARTH EXCAVATION	35.2	SQ FT.
EMBANKMENT	21.8	SQ FT.
TOPSOIL EXC & PLAC	19.6	SQ FT.

STAGE 1

8966+50

702.98

1:7

EXIST. R.O.W.

8966+50

STAGE 1		UNIT
EARTH EXCAVATION	35.0	SQ FT.
EMBANKMENT	23.2	SQ FT.
TOPSOIL EXC & PLAC	20.4	SQ FT.

STAGE 1

8966+00

702.75

1:5

EXIST. R.O.W.

8966+00

NOTE:
A DEPTH OF 12 INCHES IS USED IN THE TOPSOIL EXCAVATION AND PLACEMENT CALCULATION.

STAGE 1		UNIT
EARTH EXCAVATION	36.2	SQ FT.
EMBANKMENT	24.9	SQ FT.
TOPSOIL EXC & PLAC	21.6	SQ FT.

STAGE 1

8965+50

702.60

1:5

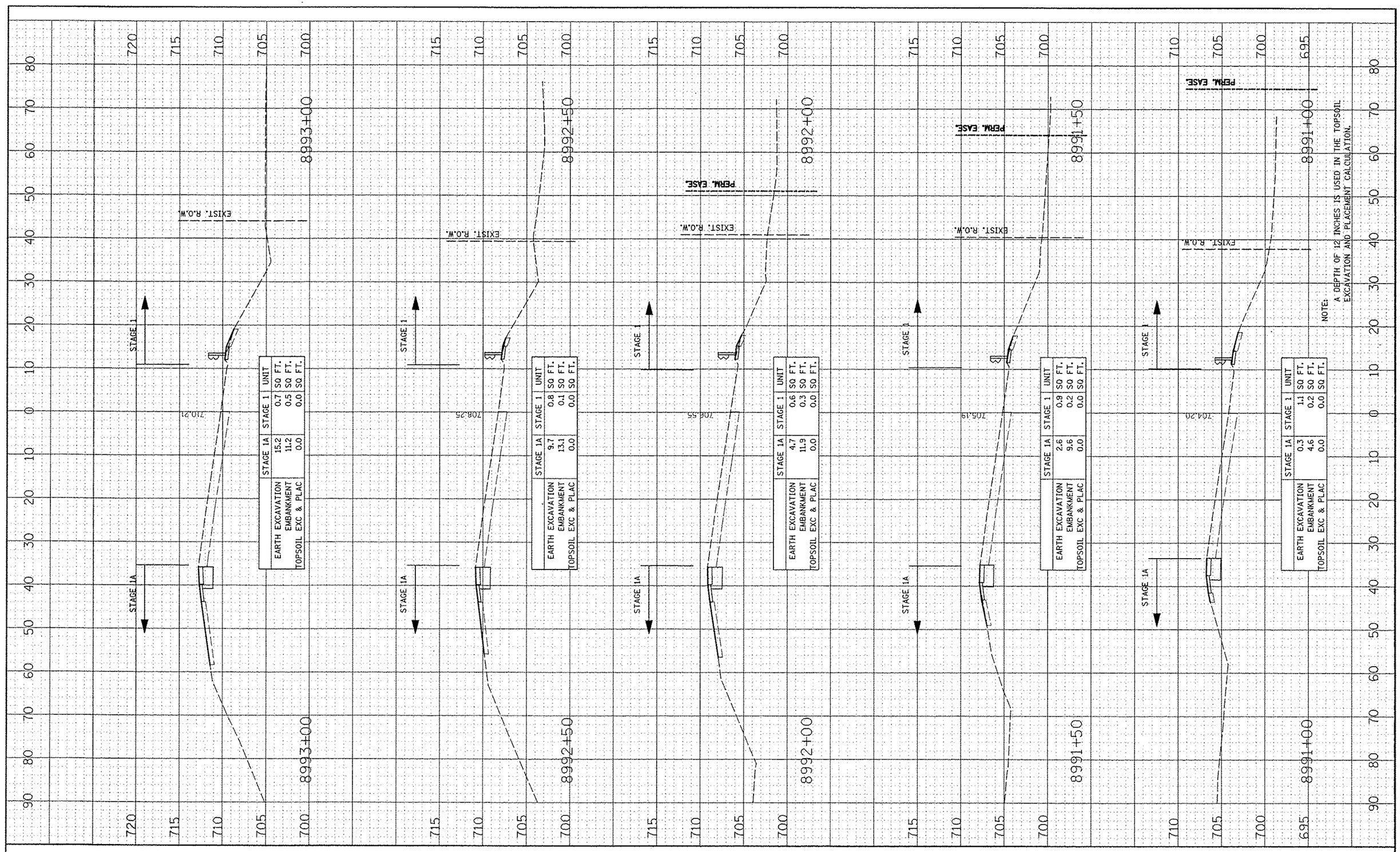
EXIST. R.O.W.

8965+50

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
338	(112 & 113) WRS-5	DUPAGE	963	83T

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

CONTRACT NO. 60131



NOTE:
A DEPTH OF 12 INCHES IS USED IN THE TOPSOIL EXCAVATION AND PLACEMENT CALCULATION.

FILE NAME =	USER NAME =
$FILE$	
PLOT SCALE =	PLOT DATE =

DESIGNED - RTA	REVISED -	
DRAWN - KES	REVISED -	
CHECKED - PJO	REVISED -	
DATE - 10/15/2012	REVISED -	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

CROSS SECTIONS
RAMP B – STAGE 1 THRU 4

SCALE: | SHEET NO. 4 OF 7 SHEETS | STA. 8991+00 TO STA. 8993+00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
338	(112 & 113) WRS-5	DUPAGE	963	838
		CONTRACT NO. 60131		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		

NOTE:
A DEPTH OF 12 INCHES IS USED IN THE TOPSOIL EXCAVATION AND PLACEMENT CALCULATION.

STAGE 1

STAGE 1A

EXIST. R.O.W.

8995+50

8995+00

8994+50

8994+00

8993+50

719.97

718.11

716.19

714.20

712.22

	STAGE 1A	STAGE 1	UNIT
EARTH EXCAVATION	36.0	0.7	SQ FT.
EMBANKMENT	7.6	0.4	SQ FT.
TOPSOIL EXC & PLAC	0.0	0.0	SQ FT.

	STAGE 1A	STAGE 1	UNIT
EARTH EXCAVATION	34.6	0.6	SQ FT.
EMBANKMENT	7.5	0.7	SQ FT.
TOPSOIL EXC & PLAC	0.0	0.0	SQ FT.

	STAGE 1A	STAGE 1	UNIT
EARTH EXCAVATION	28.9	0.6	SQ FT.
EMBANKMENT	8.8	0.7	SQ FT.
TOPSOIL EXC & PLAC	0.0	0.0	SQ FT.

	STAGE 1A	STAGE 1	UNIT
EARTH EXCAVATION	18.1	0.5	SQ FT.
EMBANKMENT	10.0	0.9	SQ FT.
TOPSOIL EXC & PLAC	0.0	0.0	SQ FT.

	STAGE 1A	STAGE 1	UNIT
EARTH EXCAVATION	12.3	0.8	SQ FT.
EMBANKMENT	11.6	0.3	SQ FT.
TOPSOIL EXC & PLAC	0.0	0.0	SQ FT.

FINAL SURVEY NOTE BOOK	SURVEYED / DATE
	DRAWN / DATE
	PLOTTED / DATE
	CROSS SECTIONED / DATE
	AREAS CHECKED / DATE

ORIGINAL SURVEY NOTE BOOK	SURVEYED / DATE
	DRAWN / DATE
	PLOTTED / DATE
	CROSS SECTIONED / DATE
	AREAS CHECKED / DATE

FILE NAME = $FILE$

USER NAME = $USER$ | PLOT SCALE = $SCALE$ | PLOT DATE = $DATE$

DESIGNED - RTA | DRAWN - KES | CHECKED - PJO | DATE - 10/15/2012

REVISED - | REVISED - | REVISED - | REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

CROSS SECTIONS
RAMP B – STAGE 1 THRU 4

SCALE: | SHEET NO. 5 OF 7 SHEETS | STA. 8993+50 TO STA. 8995+50

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
338	(112 & 113) WRS-5	DUPAGE	963	839
		CONTRACT NO. 60I31		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		

FINAL SURVEY NOTE BOOK	NO.	BY	DATE
SURVEYED			
C.P. TIES			
BENCH MKS			
AREAS			
AREAS CHECKED			

ORIGINAL SURVEY NOTE BOOK	NO.	BY	DATE
SURVEYED			
C.P. TIES			
BENCH MKS			
AREAS			
AREAS CHECKED			

EARTH EXCAVATION	STAGE 1A	STAGE 1	UNIT
EMBANKMENT	59.8	36.1	SQ FT.
TOPSOIL EXC & PLAC	14.0	11.8	SQ FT.
	0.0	10.0	SQ FT.

EARTH EXCAVATION	STAGE 1A	STAGE 1	UNIT
EMBANKMENT	75.1	41.8	SQ FT.
TOPSOIL EXC & PLAC	6.4	14.1	SQ FT.
	0.0	10.4	SQ FT.

EARTH EXCAVATION	STAGE 1A	STAGE 1	UNIT
EMBANKMENT	50.6	0.4	SQ FT.
TOPSOIL EXC & PLAC	7.5	1.3	SQ FT.
	0.0	0.0	SQ FT.

EARTH EXCAVATION	STAGE 1A	STAGE 1	UNIT
EMBANKMENT	45.4	0.4	SQ FT.
TOPSOIL EXC & PLAC	7.3	1.1	SQ FT.
	0.0	0.0	SQ FT.

NOTE:
A DEPTH OF 12 INCHES IS USED IN THE TOPSOIL EXCAVATION AND PLACEMENT CALCULATION.

FILE NAME = $FILE$	USER NAME = $USER$	DESIGNED - RTA	REVISED -
		DRAWN - KES	REVISED -
	PLOT SCALE = $SCALE$	CHECKED - PJO	REVISED -
	PLOT DATE = $DATE$	DATE - 10/15/2012	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

CROSS SECTIONS
RAMP B – STAGE 1 THRU 4

SCALE: | SHEET NO. 6 OF 7 SHEETS | STA. 8996+00 TO STA. 8997+50

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
338	(112 & 113) WRS-5	DUPAGE	963	840
		CONTRACT NO. 60131		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		

EXIST. R.O.W.

TO IL59 NB

STAGE 1

SEE IL ROUTE 59
CROSS-SECTION
STA. 4063+00, 88.3' RT

726.30

726.59

	STAGE 1A	STAGE 1	UNIT
EARTH EXCAVATION	0.0	115.5	SQ FT.
EMBANKMENT	0.0	612.6	SQ FT.
TOPSOIL EXC & PLAC	0.0	55.4	SQ FT.

8999+00

EXIST. R.O.W.

TO IL59 NB

STAGE 1

STAGE 4

726.22

726.48

SEE IL ROUTE 59
CROSS-SECTION
STA. 4062+50, 124.3' RT

	STAGE 1A	STAGE 1	UNIT
EARTH EXCAVATION	0.0	47.1	SQ FT.
EMBANKMENT	145.8	18.4	SQ FT.
TOPSOIL EXC & PLAC	0.0	11.8	SQ FT.

8998+50

EXIST. R.O.W.

STAGE 1

STAGE 1A

TO IL59 SB

725.60

725.98

SEE IL ROUTE 59
CROSS-SECTION
STA. 4062+00, 159.2' RT

	STAGE 1A	STAGE 1	UNIT
EARTH EXCAVATION	5.5	86.2	SQ FT.
EMBANKMENT	8.5	11.2	SQ FT.
TOPSOIL EXC & PLAC	0.0	10.0	SQ FT.

8998+00

NOTE:
A DEPTH OF 12 INCHES IS USED IN THE TOPSOIL EXCAVATION AND PLACEMENT CALCULATION.

FILE NAME = $FILE$	USER NAME = $USER$	DESIGNED - RTA	REVISED -
		DRAWN - KES	REVISED -
	PLOT SCALE = $SCALE$	CHECKED - PJO	REVISED -
	PLOT DATE = $DATE$	DATE - 10/15/2012	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

CROSS SECTIONS
RAMP B – STAGE 1 THRU 4

SCALE: | SHEET NO. 7 OF 7 SHEETS | STA. 8998+00 TO STA. 8999+00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
338	(112 & 113) WRS-5	DUPAGE	963	841
		CONTRACT NO. 60I31		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		

ORIGINAL SURVEY — BY — DATE
SURVEYED
AS-BUILT
NOTE BOOK
AREAS
AREAS CHECKED

FINAL SURVEY — BY — DATE
SURVEYED
AS-BUILT
NOTE BOOK
AREAS
AREAS CHECKED

PRE-STAGE 1		UNIT
EARTH EXCAVATION	8.2	SQ FT.
EMBANKMENT	264.9	SQ FT.
TOPSOIL EXC & PLAC	55.6	SQ FT.

PRE-STAGE 1		UNIT
EARTH EXCAVATION	9.2	SQ FT.
EMBANKMENT	189.9	SQ FT.
TOPSOIL EXC & PLAC	52.6	SQ FT.

PRE-STAGE 1		UNIT
EARTH EXCAVATION	8.9	SQ FT.
EMBANKMENT	183.8	SQ FT.
TOPSOIL EXC & PLAC	50.2	SQ FT.

PRE-STAGE 1		UNIT
EARTH EXCAVATION	8.4	SQ FT.
EMBANKMENT	133.1	SQ FT.
TOPSOIL EXC & PLAC	43.4	SQ FT.

NOTE:
A DEPTH OF 12 INCHES IS USED IN THE TOPSOIL EXCAVATION AND PLACEMENT CALCULATION.

LEGEND: TEMPORARY PAVEMENT

FILE NAME = $FILE$	USER NAME = $USER$	DESIGNED - RTA	REVISED -
		DRAWN - KES	REVISED -
	PLOT SCALE = $SCALE$	CHECKED - PJD	REVISED -
	PLOT DATE = $DATE$	DATE - 10/15/2012	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

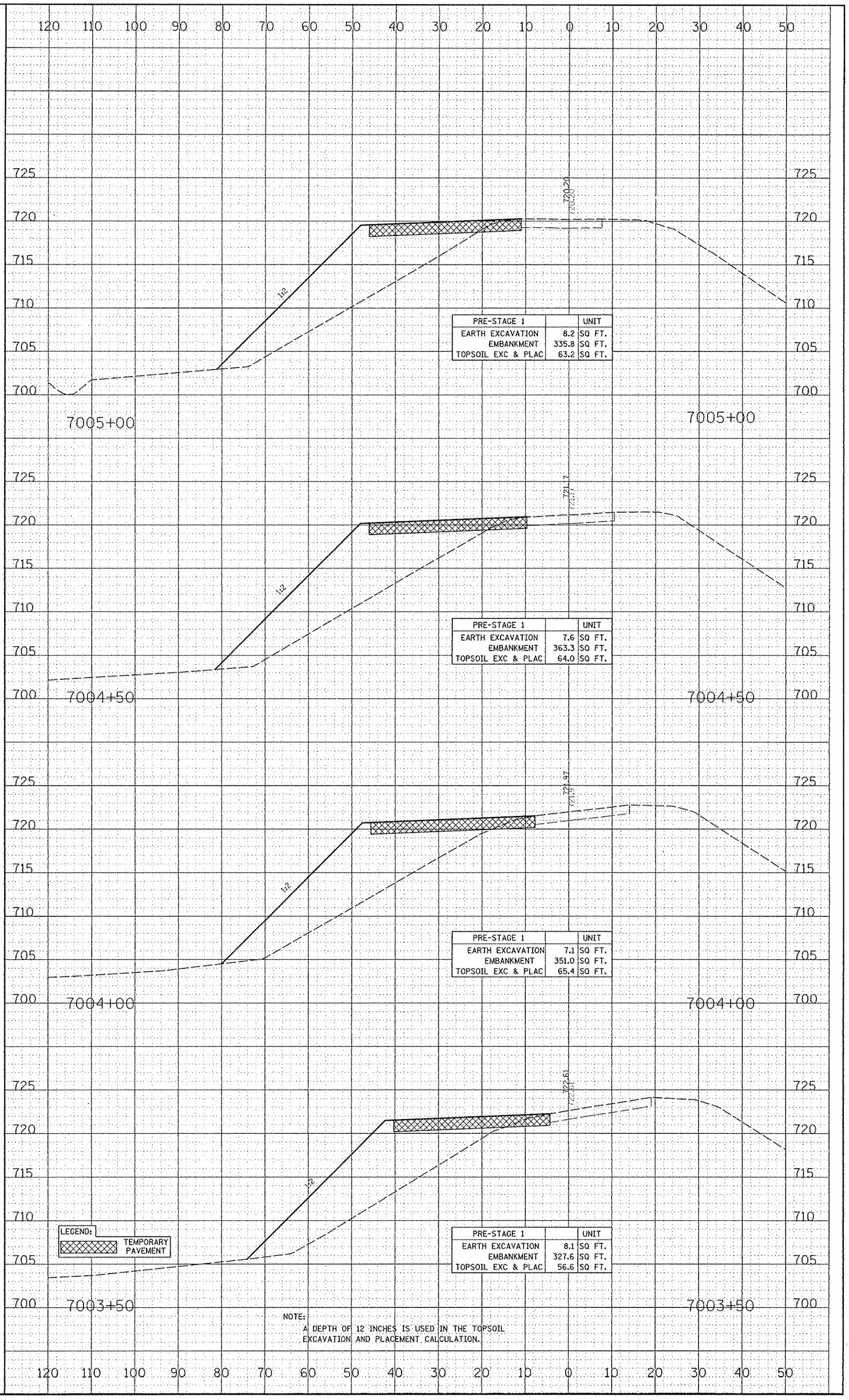
CROSS SECTIONS
RAMP C – PRE-STAGE

SCALE: | SHEET NO. 1 OF 5 SHEETS | STA. 7001+50 | TO STA. 7003+00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
338	(112 & 113) WRS-5	DUPAGE	963	842
		CONTRACT NO. 60I31		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		

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

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



NOTE:
A DEPTH OF 12 INCHES IS USED IN THE TOPSOIL EXCAVATION AND PLACEMENT CALCULATION.

FILE NAME = $FILE$

USER NAME = $USER$

PLOT SCALE = $SCALE$

PLOT DATE = $DATE$

	DESIGNED	-	RTA
	DRAWN	-	KES
	CHECKED	-	PJD
	DATE		10/15/2012

	REVISED
	REVISED
	REVISED

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

CROSS SECTIONS
RAMP C - PRE-STAGE

SCALE:

SHEET NO. 2 OF 5 SHEETS STA. 7003+50 TO STA. 7005+00

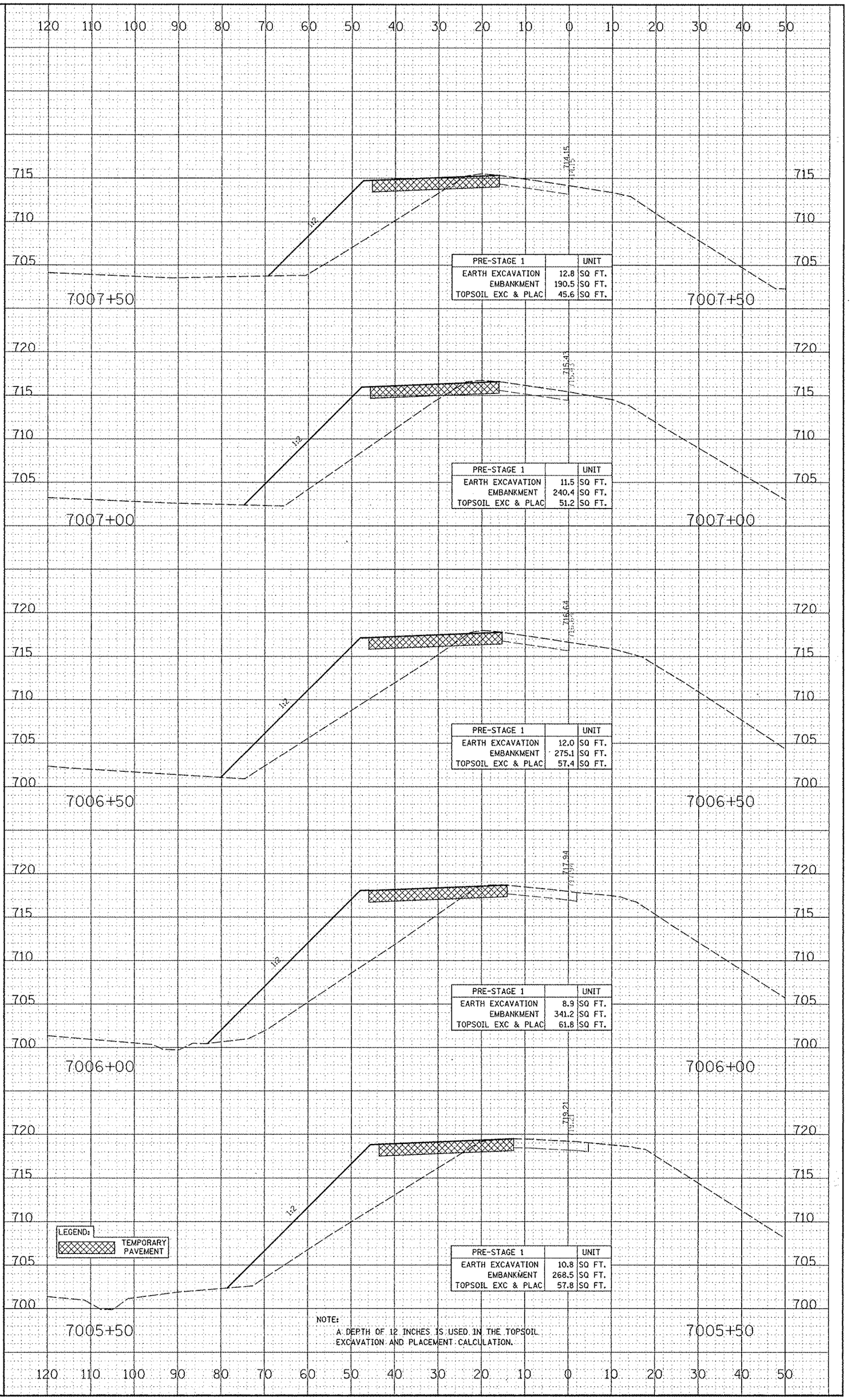
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
338	(112 & 113) WRS-5	DUPAGE	963	843

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

CONTRACT NO. 60131

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

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



FILE NAME = $FILE1$

USER NAME = $USER1$

PLOT SCALE = $SCALE$

PLOT DATE = $DATE$

	DESIGNED	-	JTA
	DRAWN	-	KLS
	CHECKED	-	PJG
	DATE	-	10/15/2012

	REVISED	-
	REVISED	-
	REVISED	-
	REVISED	-

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

CROSS SECTIONS
RAMP C – PRE-STAGE

SCALE: 1" = 10'

SHEET NO. 3 OF 5 SHEETS STA. 7005+50 TO STA. 7007+50

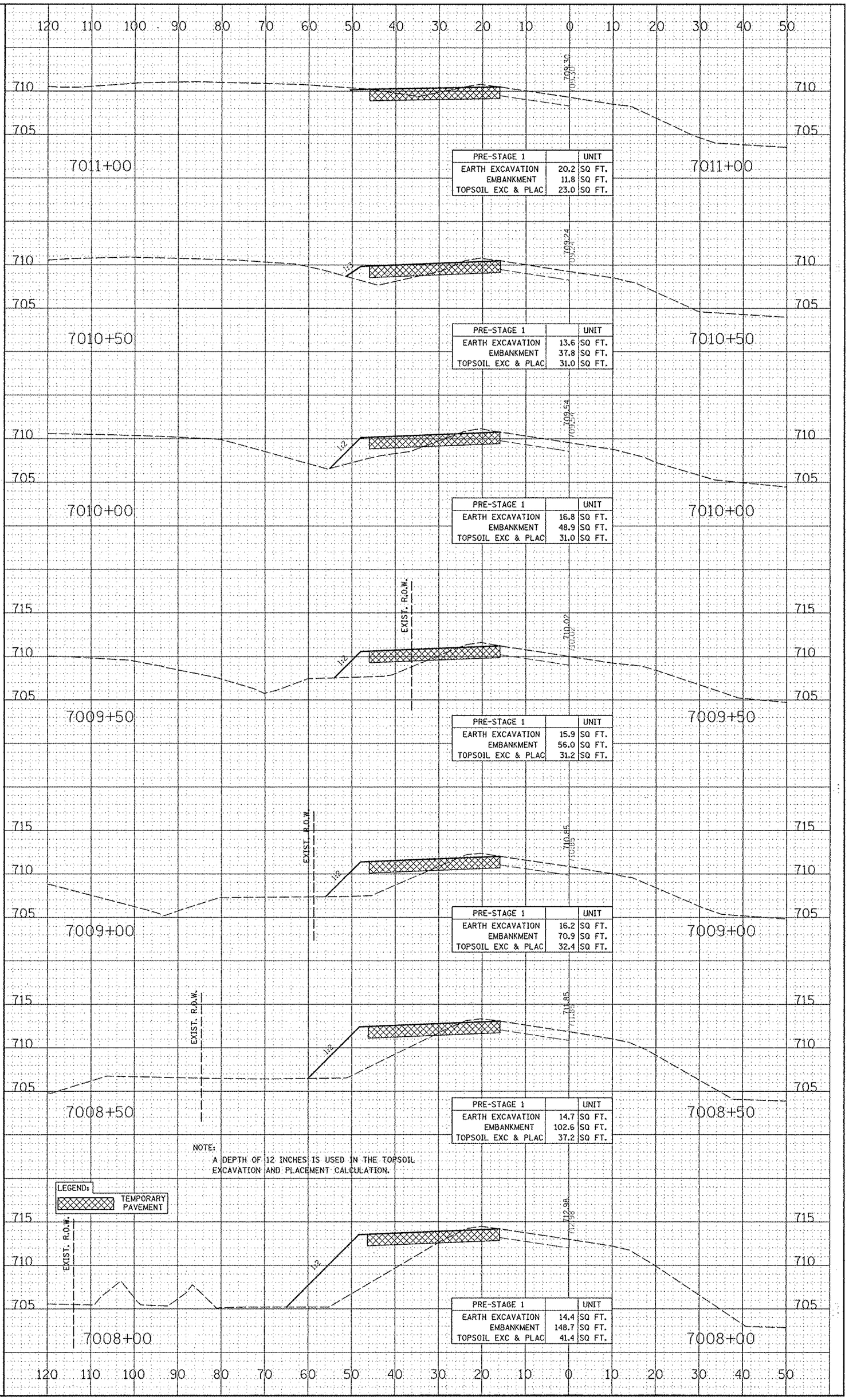
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
338	(11)2 & (11)3 WRS-5	DUPAGE	963	944

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

CONTRACT NO. 60131

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

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



NOTE:
A DEPTH OF 12 INCHES IS USED IN THE TOPSOIL EXCAVATION AND PLACEMENT CALCULATION.

LEGEND:
TEMPORARY PAVEMENT

FILE NAME =
SHEETS

USER NAME = USER#
PLOT SCALE = SCALE#
PLOT DATE = DATE#

DESIGNED - RTA
DRAWN - KES
CHECKED - PJD
DATE - 10/15/2012

REVISED
REVISED
REVISED

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

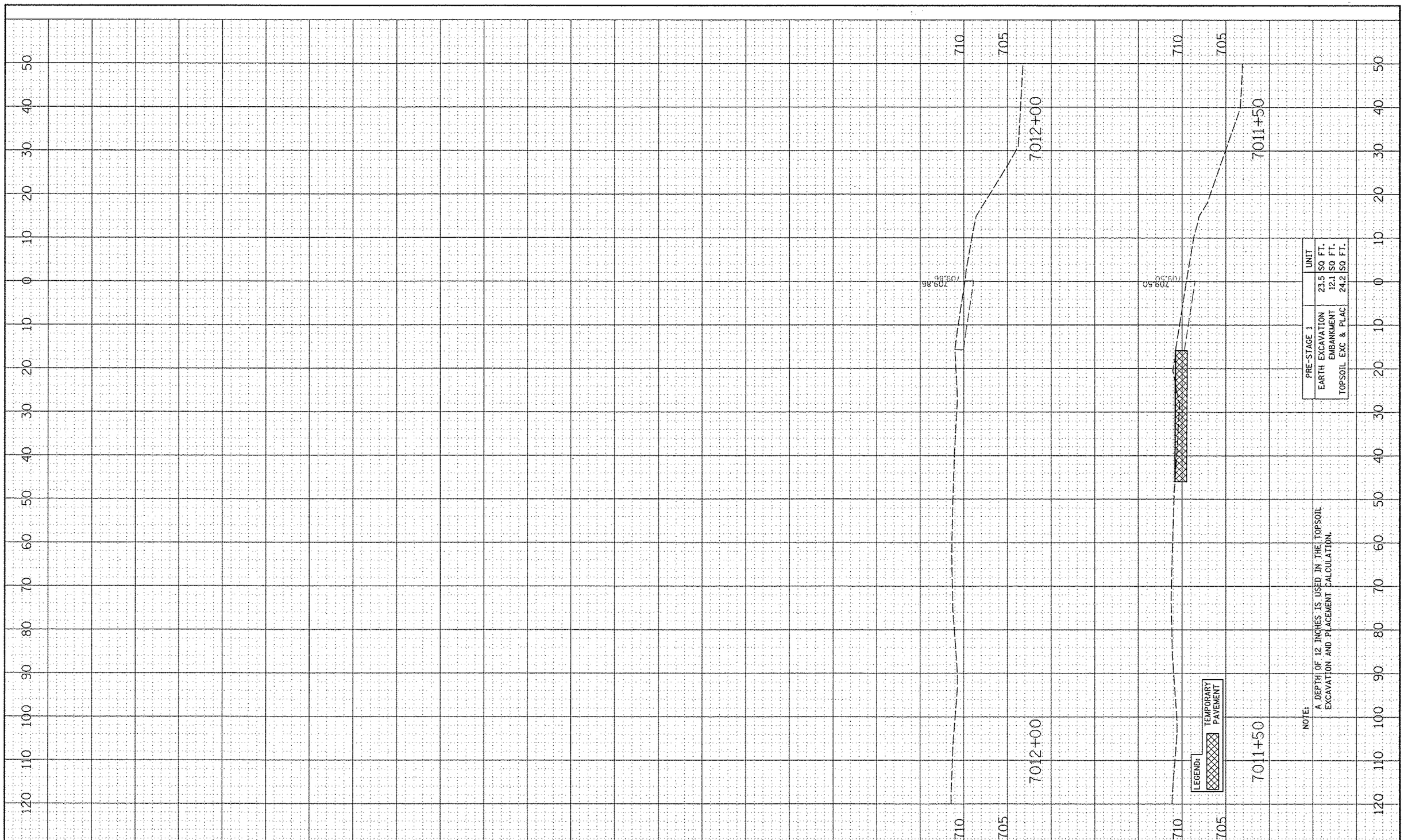
CROSS SECTIONS
RAMP C – PRE-STAGE

SCALE:
SHEET NO. 4 OF 5 SHEETS STA. 7008+00 TO STA. 7011+00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
338	(112 & 113) WRS-5	DUPAGE	963	845

FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT
CONTRACT NO. 60131

NO.	ORIGINAL SURVEY	SURVEYED	BY	DATE
	FINAL SURVEY	PLOTTED		
		CHECKED		
	WASTE BORA	AREAS		
		AREAS CHECKED		



PRE-STAGE 1	UNIT
EARTH EXCAVATION	23.5 SQ FT.
EMBANKMENT	12.1 SQ FT.
TOPSOIL EXC & PLAC	24.2 SQ FT.

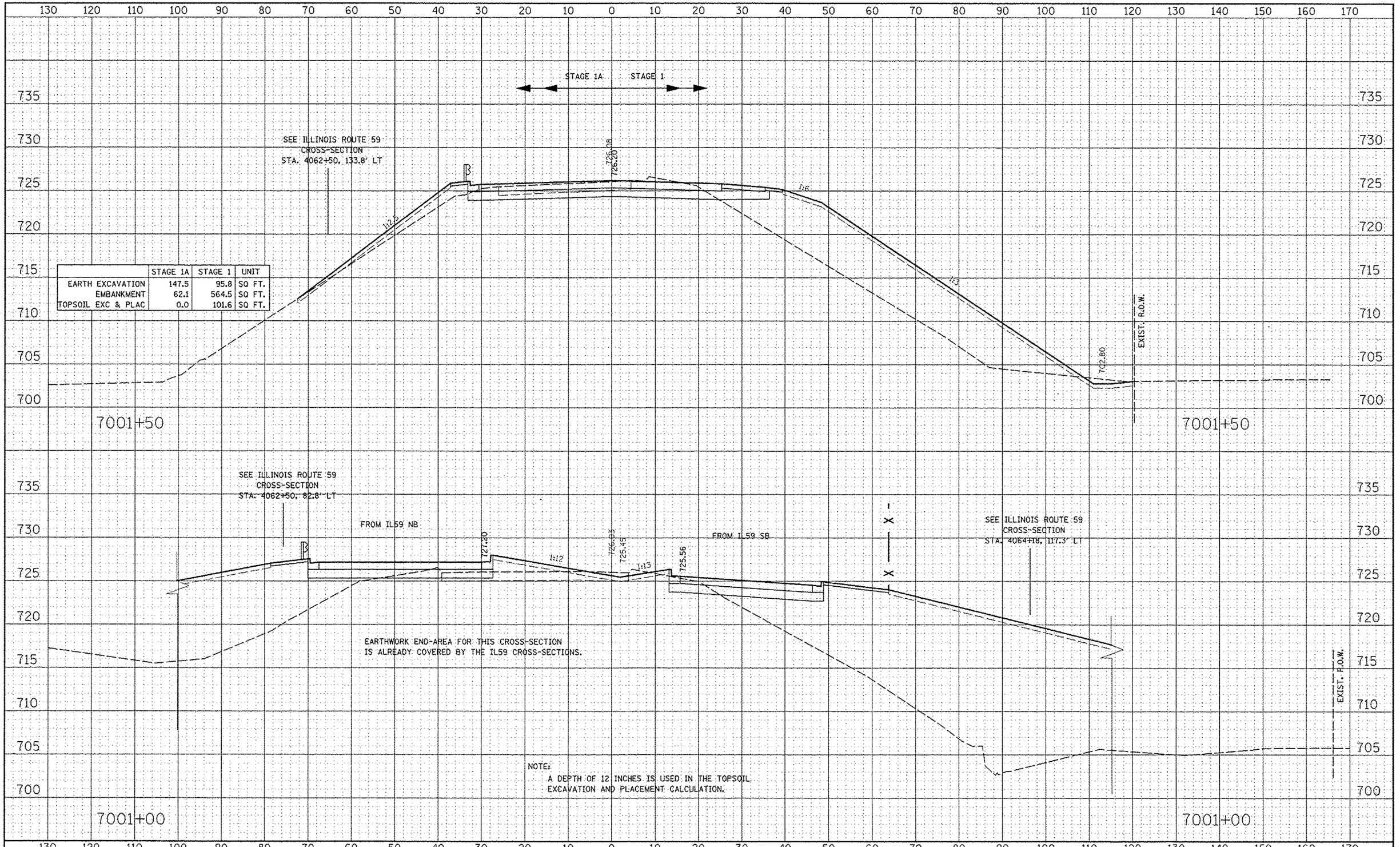
FILE NAME = #FILE#	USER NAME = #USER#	DESIGNED - RTA	REVISED -
		DRAWN - KES	REVISED -
	PLOT SCALE = #SCALE#	CHECKED - PJO	REVISED -
	PLOT DATE = #DATE#	DATE - 10/15/2012	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

CROSS SECTIONS
RAMP C – PRE-STAGE

SCALE: | SHEET NO. 5 OF 5 SHEETS | STA. 7011+50 | TO STA. 7012+00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
338	(112 & 113) WRS-5	DUPAGE	963	846
		CONTRACT NO. 60131		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		



	STAGE 1A	STAGE 1	UNIT
EARTH EXCAVATION	147.5	95.8	SQ FT.
EMBANKMENT	62.1	564.5	SQ FT.
TOPSOIL EXC & PLAC	0.0	101.6	SQ FT.

NOTE:
A DEPTH OF 12 INCHES IS USED IN THE TOPSOIL EXCAVATION AND PLACEMENT CALCULATION.

DESIGN STUDY / SURVEYED / PLOTTED / TEMPLATE / AREAS / AREAS CHECKED / NOTE BOOK / NO. / DATE

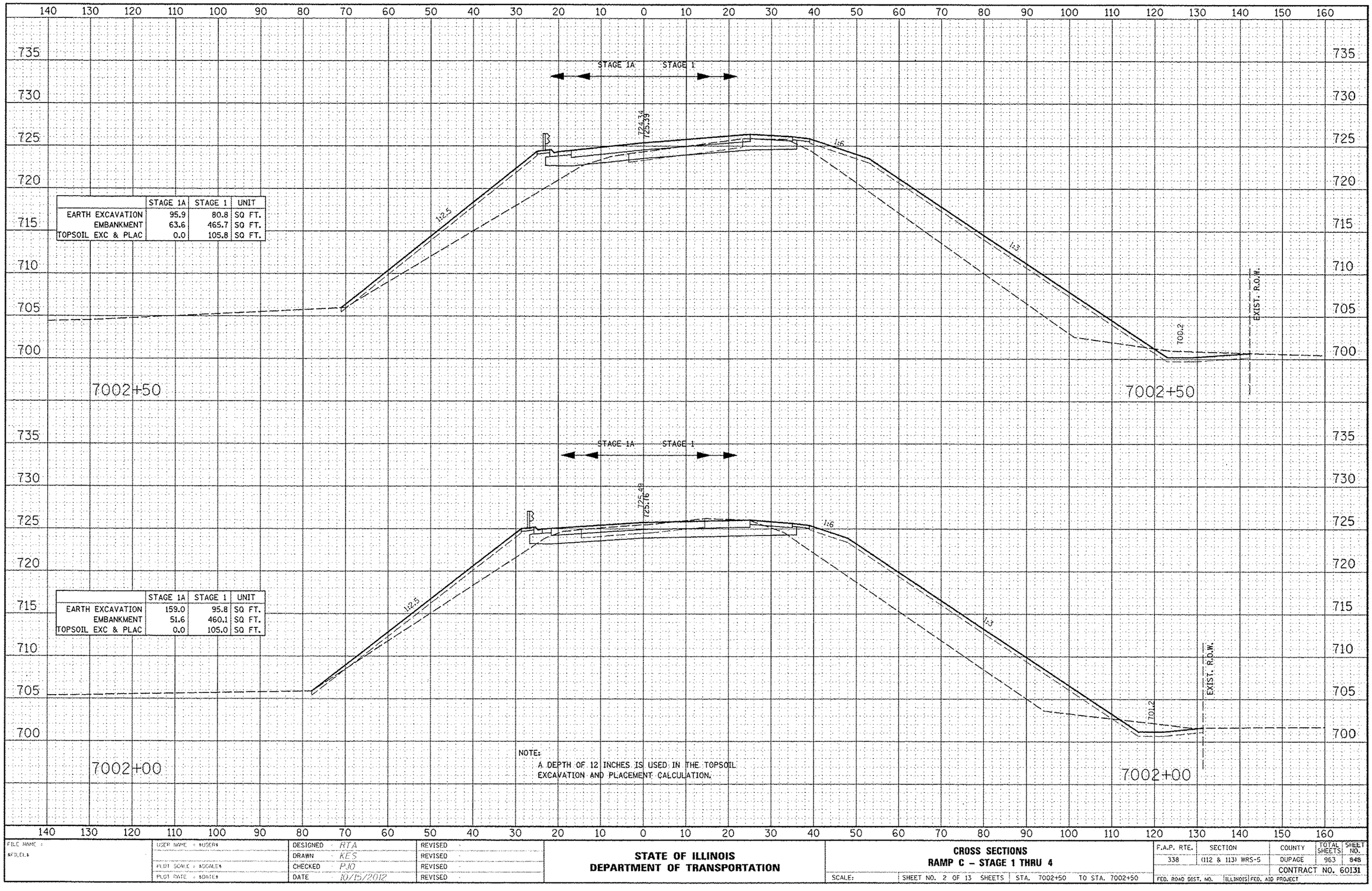
FILE NAME = $FILE$	USER NAME = $USER$	DESIGNED - RTA	REVISED -
		DRAWN - KES	REVISED -
	PLOT SCALE = $SCALE$	CHECKED PJO	REVISED -
	PLOT DATE = $DATE$	DATE 10/15/2012	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

CROSS SECTIONS
RAMP C – STAGE 1 THRU 4

SCALE: | SHEET NO. 1 OF 13 SHEETS | STA. 7001+50 TO STA. 7002+00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
338	(112 & 113) WRS-5	DUPAGE	963	847
		CONTRACT NO. 60131		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		



	STAGE 1A	STAGE 1	UNIT
EARTH EXCAVATION	95.9	80.8	SQ FT.
EMBANKMENT	63.6	465.7	SQ FT.
TOPSOIL EXC & PLAC	0.0	105.8	SQ FT.

	STAGE 1A	STAGE 1	UNIT
EARTH EXCAVATION	159.0	95.8	SQ FT.
EMBANKMENT	51.6	460.1	SQ FT.
TOPSOIL EXC & PLAC	0.0	105.0	SQ FT.

NOTE:
A DEPTH OF 12 INCHES IS USED IN THE TOPSOIL EXCAVATION AND PLACEMENT CALCULATION.

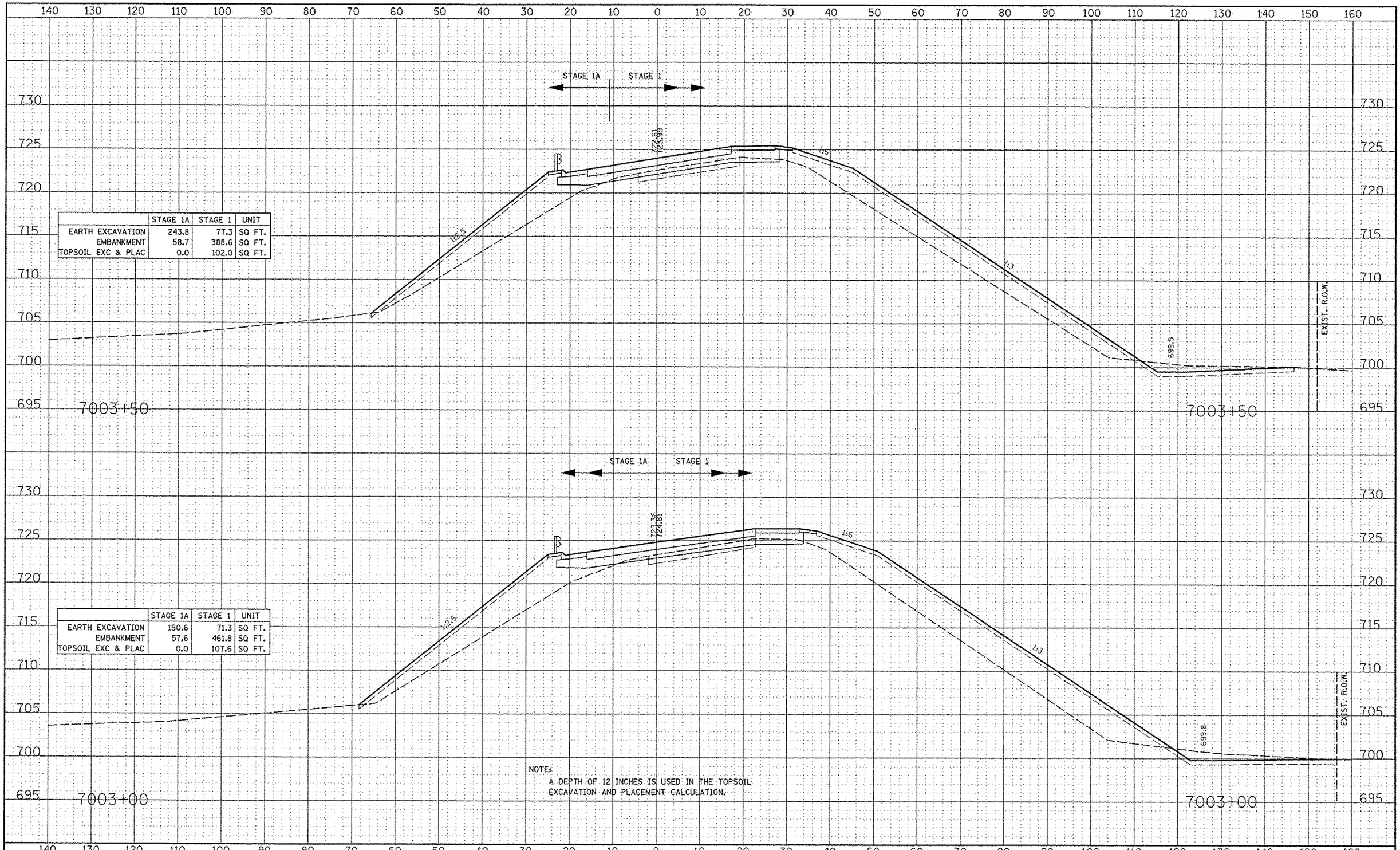
FILE NAME = $FILE$	USER NAME = $USER$	DESIGNED RTA	REVISED
		DRAWN KES	REVISED
	PLOT SCALE = $SCALE$	CHECKED PJO	REVISED
	PLOT DATE = $DATE$	DATE 10/15/2012	REVISED

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

CROSS SECTIONS
RAMP C – STAGE 1 THRU 4

SCALE: | SHEET NO. 2 OF 13 SHEETS | STA. 7002+50 | TO STA. 7002+50

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
338	(112 & 113) WRS-5	DUPAGE	963	848
		CONTRACT NO. 60131		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		



	STAGE 1A	STAGE 1	UNIT
EARTH EXCAVATION	243.8	77.3	SQ FT.
EMBANKMENT	58.7	388.6	SQ FT.
TOPSOIL EXC & PLAC	0.0	102.0	SQ FT.

	STAGE 1A	STAGE 1	UNIT
EARTH EXCAVATION	150.6	71.3	SQ FT.
EMBANKMENT	57.6	461.8	SQ FT.
TOPSOIL EXC & PLAC	0.0	107.6	SQ FT.

NOTE:
A DEPTH OF 12 INCHES IS USED IN THE TOPSOIL EXCAVATION AND PLACEMENT CALCULATION.

FILE NAME = $FILE$

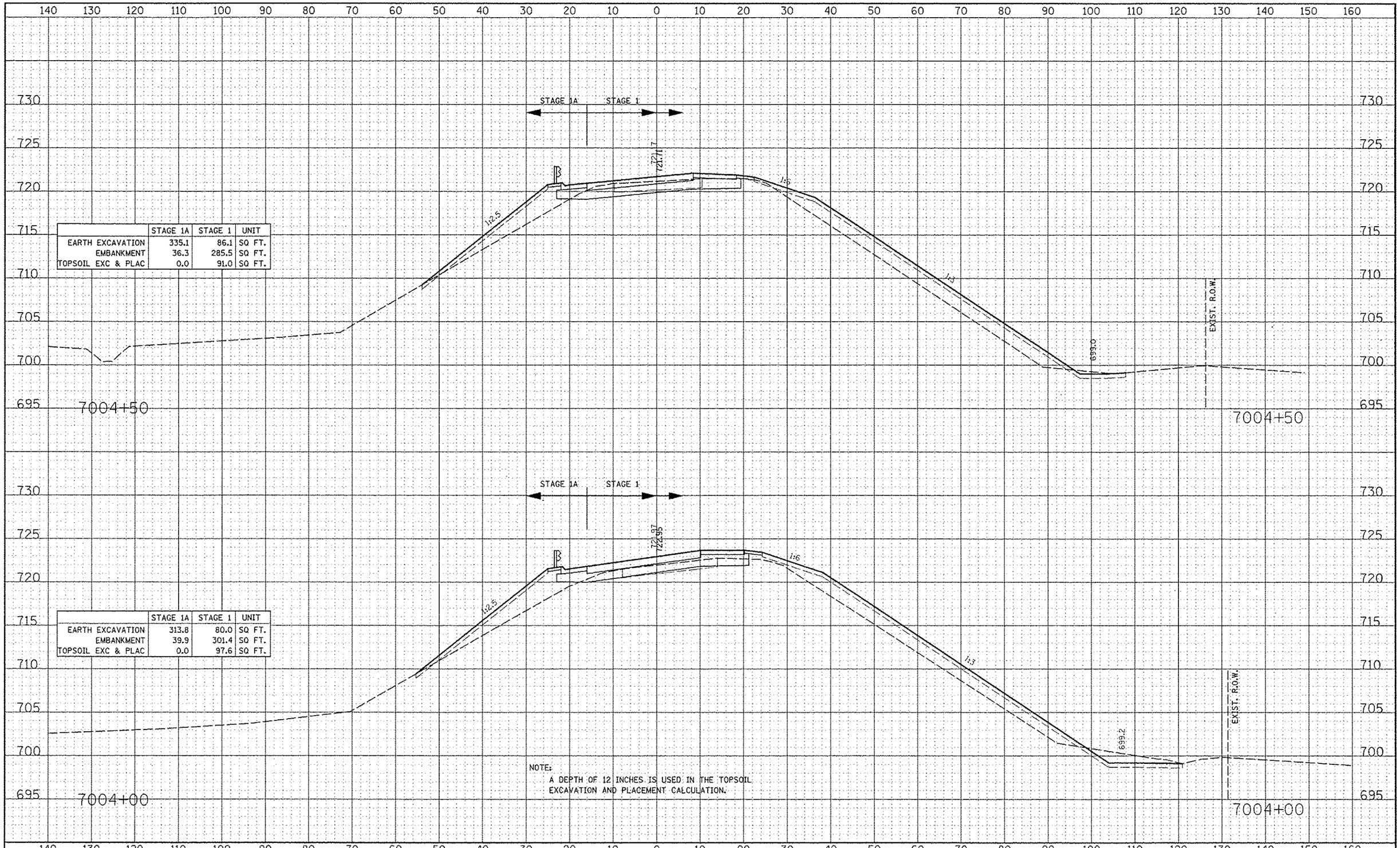
USER NAME = $USER$	DESIGNED - RTA	REVISED -
	DRAWN - KES	REVISED -
PLOT SCALE = $SCALE$	CHECKED - PJO	REVISED -
PLOT DATE = $DATE$	DATE - 10/15/2012	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

CROSS SECTIONS
RAMP C -- STAGE 1 THRU 4

SCALE: | SHEET NO. 3 OF 13 SHEETS | STA. 7003+00 | TO STA. 7003+50

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
338	(112 & 113) WRS-5	DUPAGE	963	849
		CONTRACT NO. 60131		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		



	STAGE 1A	STAGE 1	UNIT
EARTH EXCAVATION	335.1	86.1	SQ FT.
EMBANKMENT	36.3	285.5	SQ FT.
TOPSOIL EXC & PLAC	0.0	91.0	SQ FT.

	STAGE 1A	STAGE 1	UNIT
EARTH EXCAVATION	313.8	80.0	SQ FT.
EMBANKMENT	39.9	301.4	SQ FT.
TOPSOIL EXC & PLAC	0.0	97.6	SQ FT.

NOTE:
A DEPTH OF 12 INCHES IS USED IN THE TOPSOIL EXCAVATION AND PLACEMENT CALCULATION.

FILE NAME = $FILE$	USER NAME = $USER$	DESIGNED - RTA	REVISED -
		DRAWN - KES	REVISED -
	PLOT SCALE = $SCALE$	CHECKED - PJO	REVISED -
	PLOT DATE = $DATE$	DATE - 10/15/2012	REVISED -

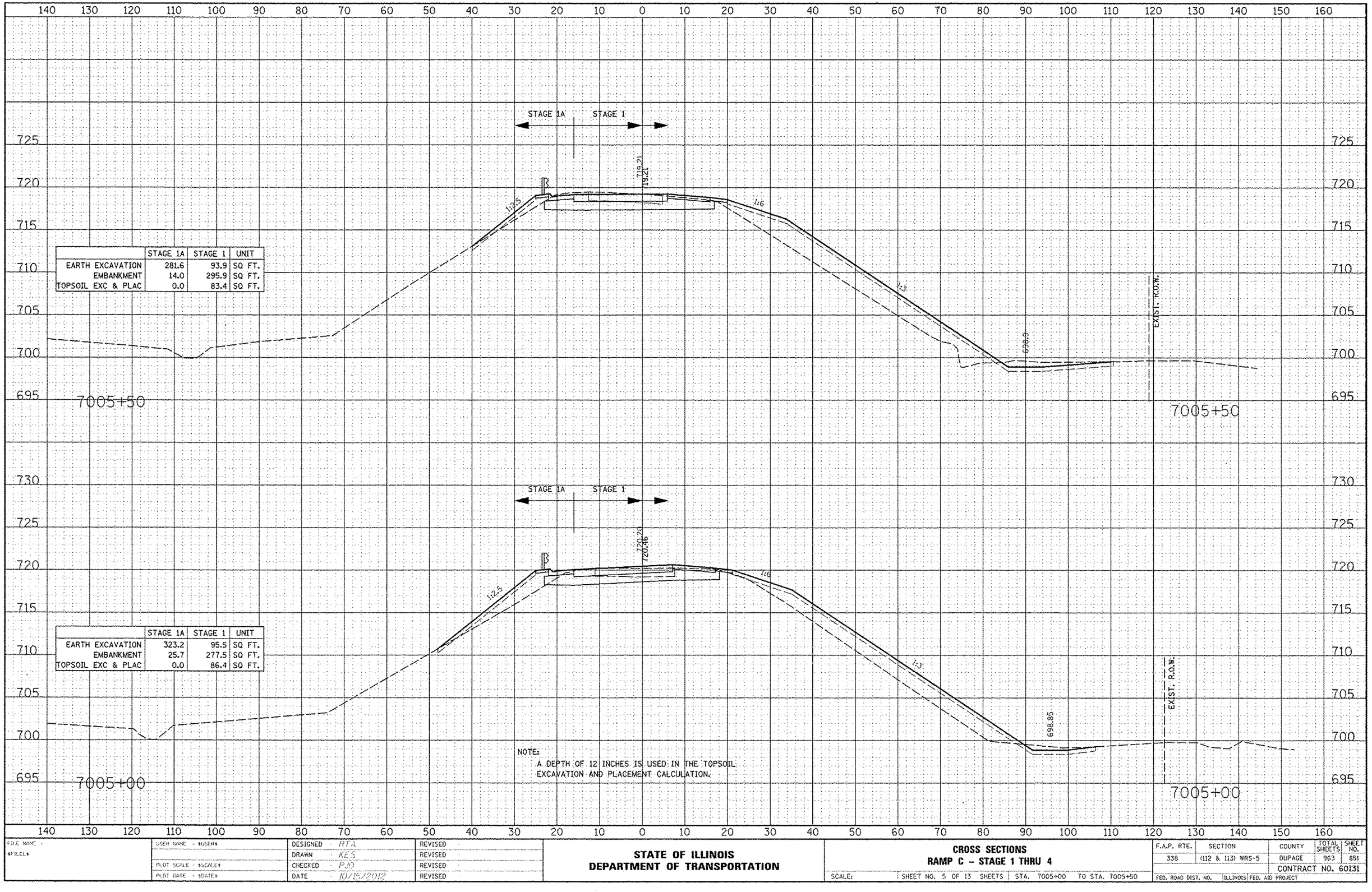
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

CROSS SECTIONS
RAMP C – STAGE 1 THRU 4

SCALE: | SHEET NO. 4 OF 13 SHEETS | STA. 7004+00 TO STA. 7004+50

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
338	(112 & 113) WRS-5	DUPAGE	963	850
		CONTRACT NO. 60131		

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



	STAGE 1A	STAGE 1	UNIT
EARTH EXCAVATION	281.6	93.9	SQ FT.
EMBANKMENT	14.0	295.9	SQ FT.
TOPSOIL EXC & PLAC	0.0	83.4	SQ FT.

	STAGE 1A	STAGE 1	UNIT
EARTH EXCAVATION	323.2	95.5	SQ FT.
EMBANKMENT	25.7	277.5	SQ FT.
TOPSOIL EXC & PLAC	0.0	86.4	SQ FT.

NOTE:
A DEPTH OF 12 INCHES IS USED IN THE TOPSOIL EXCAVATION AND PLACEMENT CALCULATION.

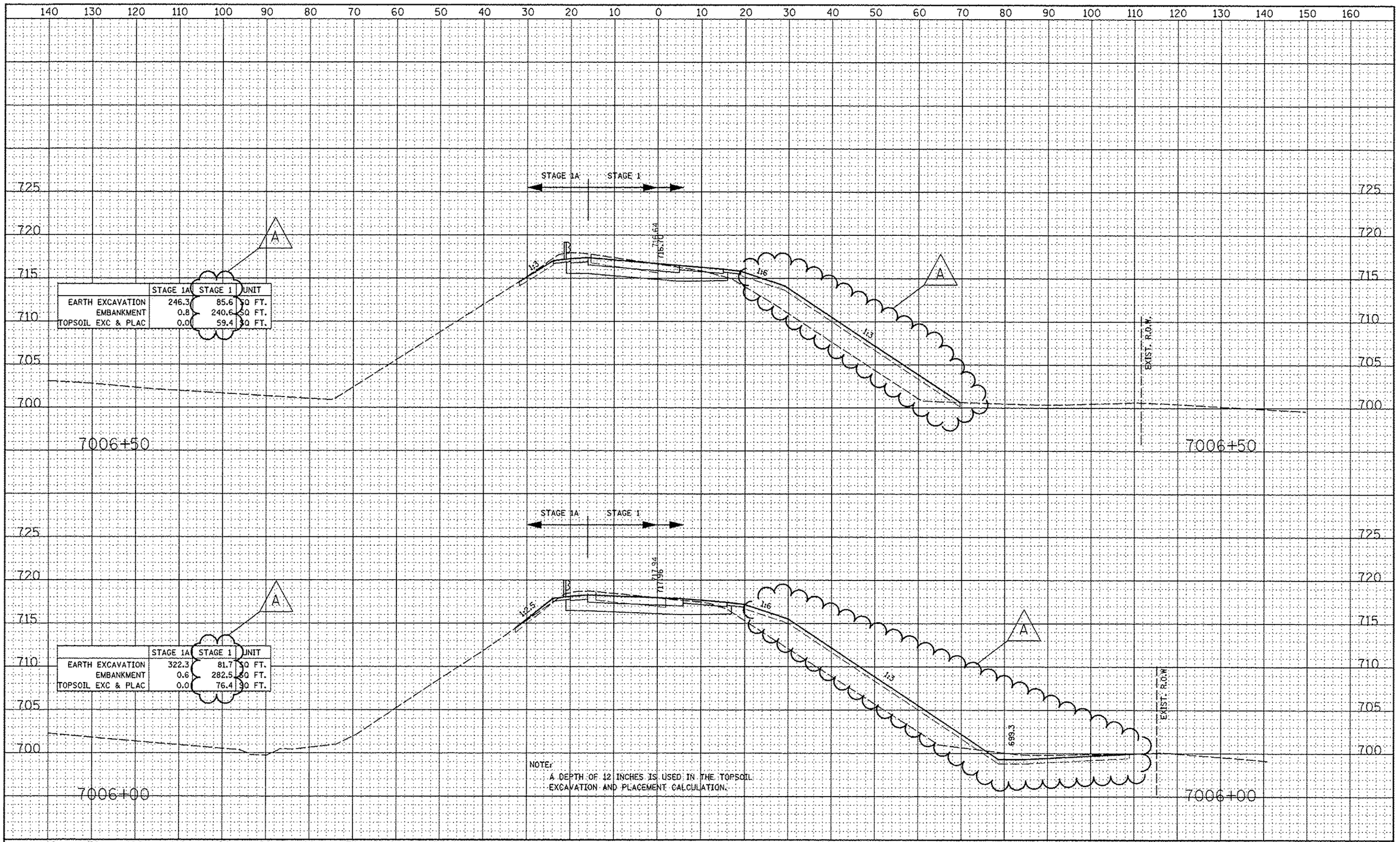
FILE NAME = $FILE$	USER NAME = $USER$	DESIGNED RTA	REVISED
		DRAWN KES	REVISED
	PLOT SCALE = $SCALE$	CHECKED PJD	REVISED
	PLOT DATE = $DATE$	DATE 10/15/2012	REVISED

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

CROSS SECTIONS
RAMP C – STAGE 1 THRU 4

SCALE: | SHEET NO. 5 OF 13 SHEETS | STA. 7005+00 TO STA. 7005+50

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
338	(112 & 113) WRS-5	DUPAGE	963	851
		CONTRACT NO. 60I31		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		



	STAGE 1A	STAGE 1	UNIT
EARTH EXCAVATION	246.3	85.6	CU FT.
EMBANKMENT	0.8	240.6	CU FT.
TOPSOIL EXC & PLAC	0.0	59.4	SQ FT.

	STAGE 1A	STAGE 1	UNIT
EARTH EXCAVATION	322.3	81.7	CU FT.
EMBANKMENT	0.6	282.5	CU FT.
TOPSOIL EXC & PLAC	0.0	76.4	SQ FT.

NOTE:
A DEPTH OF 12 INCHES IS USED IN THE TOPSOIL EXCAVATION AND PLACEMENT CALCULATION.

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

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

FILE NAME = $FILEL$	USER NAME = $USER$	DESIGNED - RTA	REVISED - ADDENDUM A 12/17/2012
		DRAWN - KES	REVISED -
	PLOT SCALE = $SCALE$	CHECKED - PJO	REVISED -
	PLOT DATE = $DATE$	DATE - 10/15/2012	REVISED -

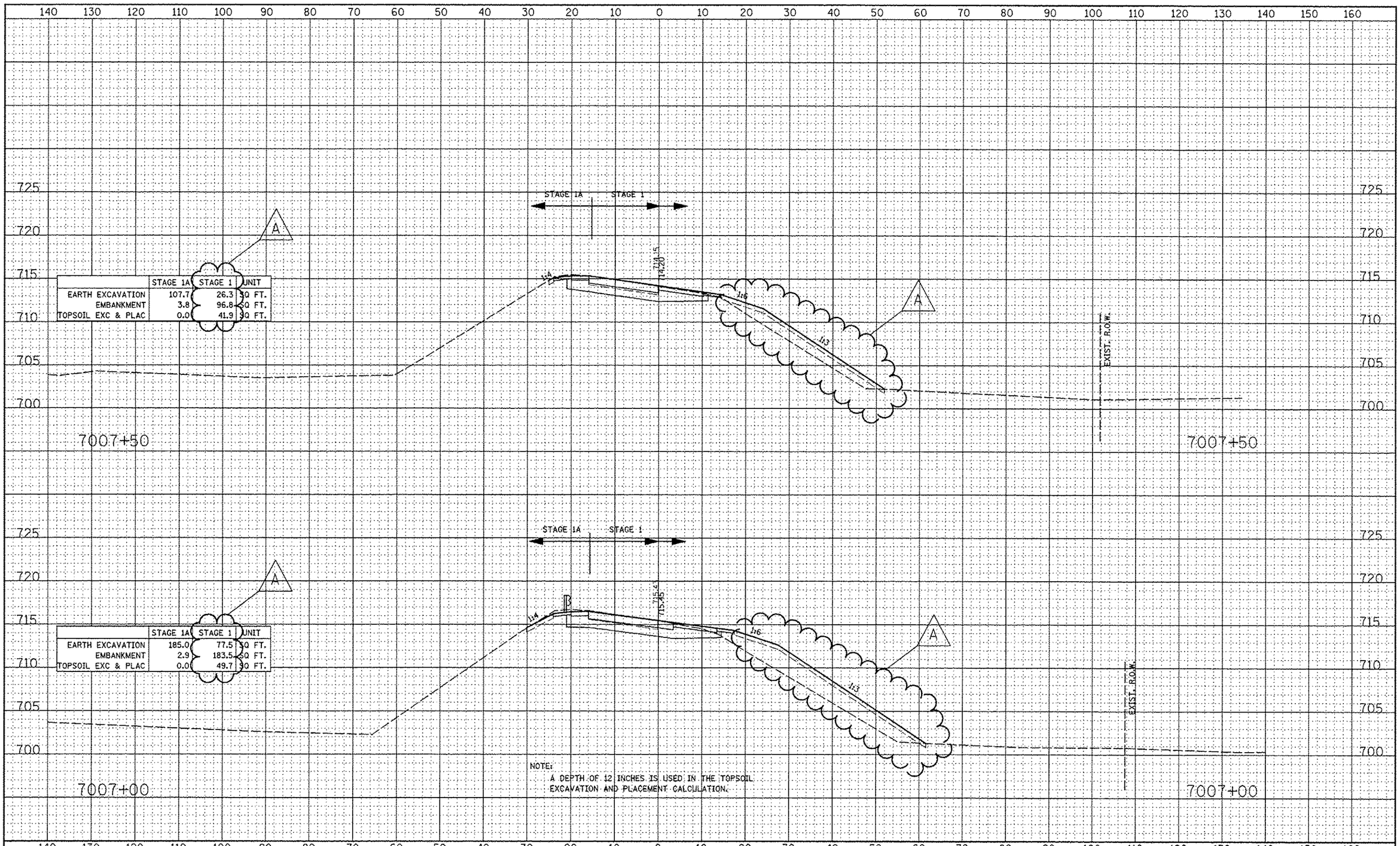
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

CROSS SECTIONS
RAMP C – STAGE 1 THRU 4

SCALE: | SHEET NO. 6 OF 13 SHEETS | STA. 7006+00 | TO STA. 7006+50

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
338	(112 & 113) WRS-5	DUPAGE	963	852
		CONTRACT NO. 60I31		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		

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



NOTE:
A DEPTH OF 12 INCHES IS USED IN THE TOPSOIL EXCAVATION AND PLACEMENT CALCULATION.

FILE NAME = $FILEL$	USER NAME = $USER$	DESIGNED - RTA	REVISED - ADDENDUM A 12/17/2012
		DRAWN - KES	REVISED -
	PLOT SCALE = $SCALE$	CHECKED - PJO	REVISED -
	PLOT DATE = $DATE$	DATE - 10/15/2012	REVISED -

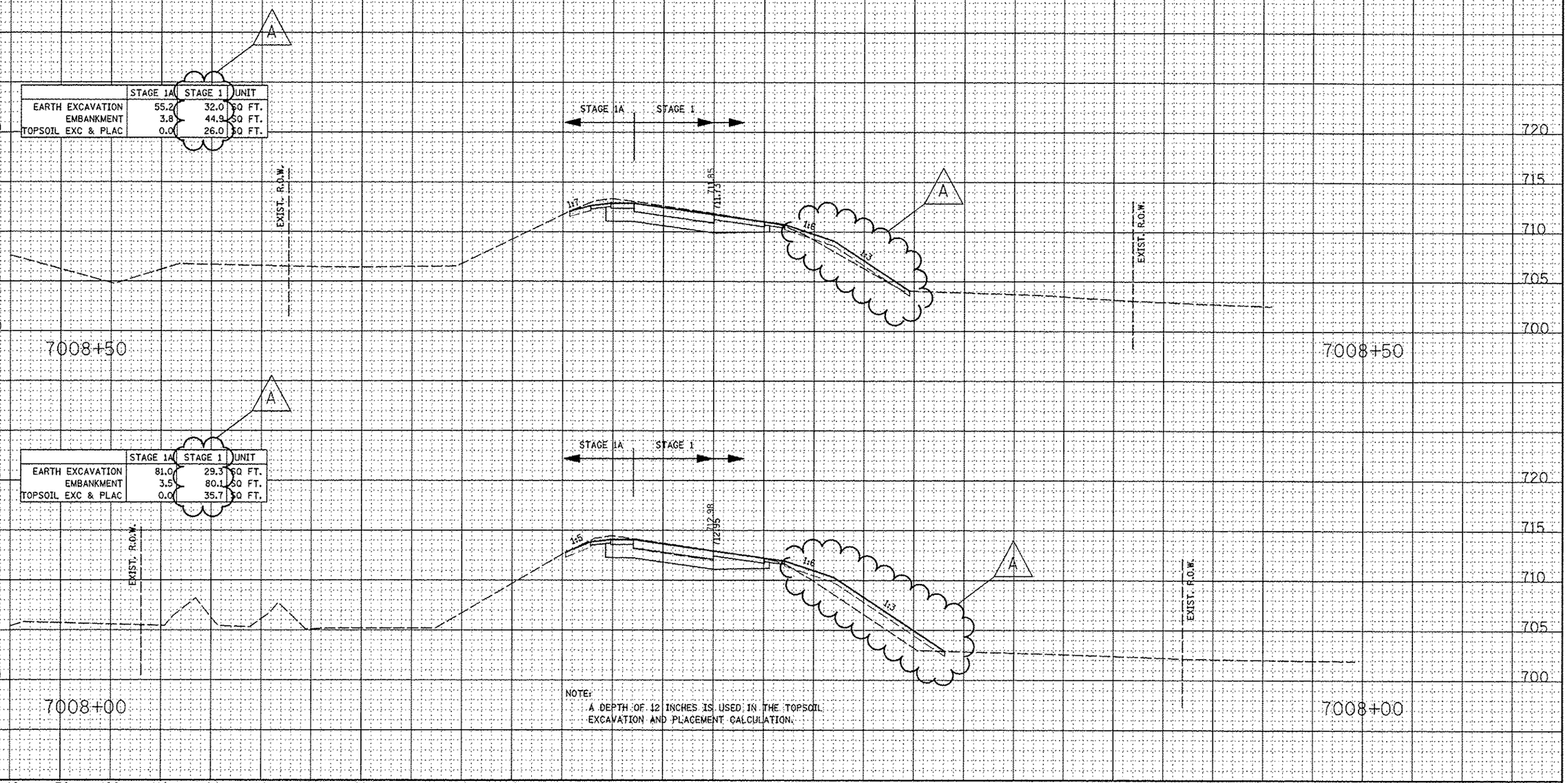
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

CROSS SECTIONS
RAMP C – STAGE 1 THRU 4

SCALE: | SHEET NO. 7 OF 13 SHEETS | STA. 7007+00 | TO STA. 7007+50

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
338	(112 & 113) WRS-5	DUPAGE	963	853
		CONTRACT NO. 60131		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		

	STAGE 1A	STAGE 1	UNIT
EARTH EXCAVATION	55.2	32.0	SQ FT.
EMBANKMENT	3.8	44.9	SQ FT.
TOPSOIL EXC & PLAC	0.0	26.0	SQ FT.



NOTE:
A DEPTH OF 12 INCHES IS USED IN THE TOPSOIL EXCAVATION AND PLACEMENT CALCULATION.

	STAGE 1A	STAGE 1	UNIT
EARTH EXCAVATION	81.0	29.3	SQ FT.
EMBANKMENT	3.5	80.1	SQ FT.
TOPSOIL EXC & PLAC	0.0	35.7	SQ FT.

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

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

FILE NAME = $FILE$	USER NAME = $USER$	DESIGNED - RTA	REVISED - ADDENDUM A 12/17/2012
		DRAWN - KES	REVISED -
	PLOT SCALE = $SCALE$	CHECKED - PJO	REVISED -
	PLOT DATE = $DATE$	DATE - 10/15/2012	REVISED -

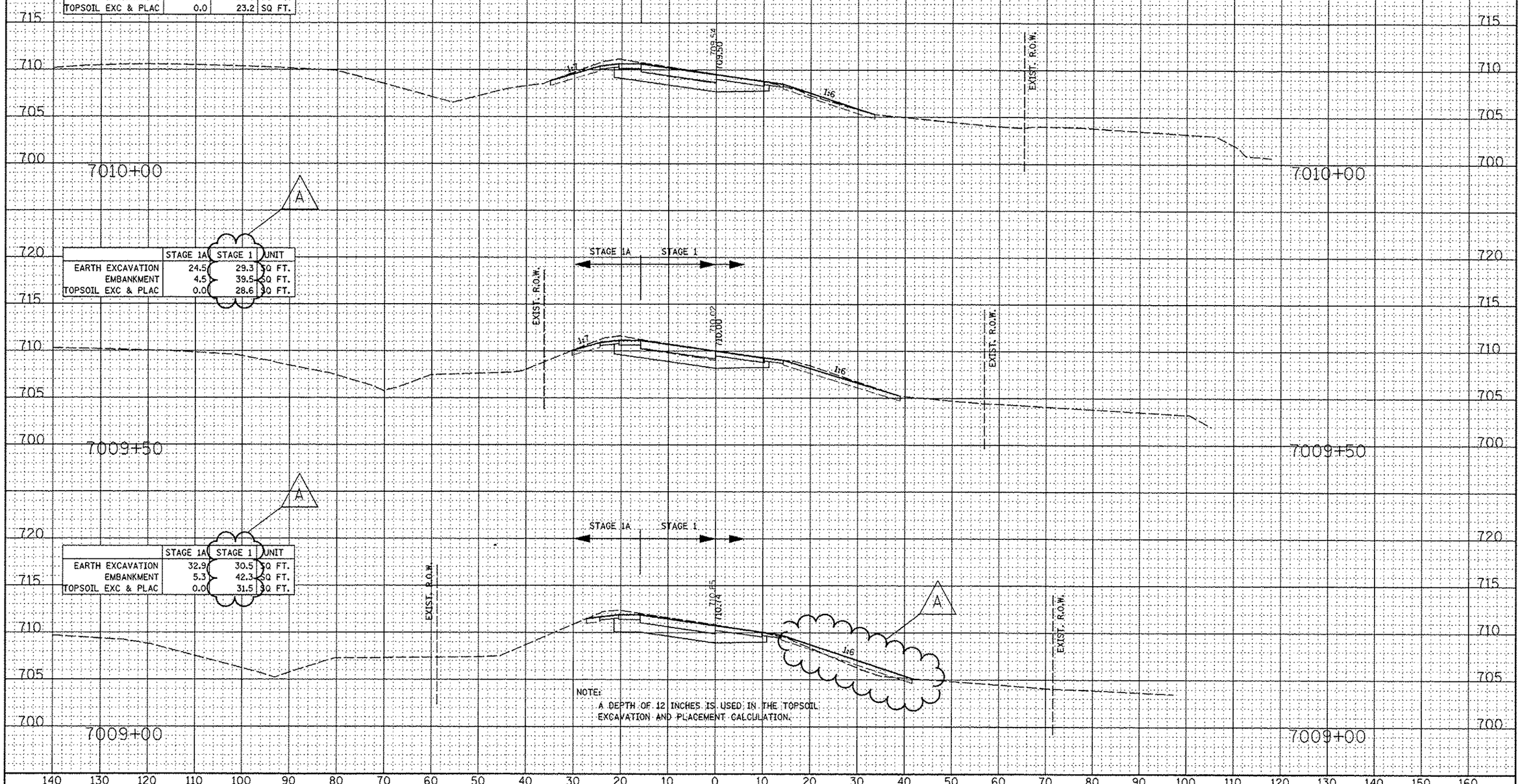
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

CROSS SECTIONS
RAMP C – STAGE 1 THRU 4

SCALE: | SHEET NO. 8 OF 13 SHEETS | STA. 7008+00 TO STA. 7008+50

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
338	(112 & 113) WRS-5	DUPAGE	963	854
		CONTRACT NO. 60I31		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		

	STAGE 1A	STAGE 1	UNIT
EARTH EXCAVATION	32.1	30.1	SQ FT.
EMBANKMENT	3.9	25.0	SQ FT.
TOPSOIL EXC & PLAC	0.0	23.2	SQ FT.



	STAGE 1A	STAGE 1	UNIT
EARTH EXCAVATION	24.5	29.3	SQ FT.
EMBANKMENT	4.5	39.5	SQ FT.
TOPSOIL EXC & PLAC	0.0	28.6	SQ FT.

	STAGE 1A	STAGE 1	UNIT
EARTH EXCAVATION	32.9	30.5	SQ FT.
EMBANKMENT	5.3	42.3	SQ FT.
TOPSOIL EXC & PLAC	0.0	31.5	SQ FT.

NOTE:
A DEPTH OF 12 INCHES IS USED IN THE TOPSOIL EXCAVATION AND PLACEMENT CALCULATION.

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

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

FILE NAME = *FILEL*	USER NAME = *USER*	DESIGNED - RTA	REVISED - ADDENDUM A 12/17/2012
		DRAWN - KES	REVISED -
	PLOT SCALE = *SCALE*	CHECKED - PJO	REVISED -
	PLOT DATE = *DATE*	DATE - 10/15/2012	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

CROSS SECTIONS
RAMP C – STAGE 1 THRU 4

SCALE: | SHEET NO. 9 OF 13 SHEETS | STA. 7009+00 | TO STA. 7010+00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
338	(112 & 113) WRS-5	DUPAGE	963	855
		CONTRACT NO. 60I31		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		

	STAGE 1A	STAGE 1	UNIT
EARTH EXCAVATION	4.6	29.0	SQ FT.
EMBANKMENT	10.6	54.0	SQ FT.
TOPSOIL EXC & PLAC	0.0	35.6	SQ FT.

	STAGE 1A	STAGE 1	UNIT
EARTH EXCAVATION	4.0	30.8	SQ FT.
EMBANKMENT	11.3	37.1	SQ FT.
TOPSOIL EXC & PLAC	0.0	27.6	SQ FT.

	STAGE 1A	STAGE 1	UNIT
EARTH EXCAVATION	7.7	28.8	SQ FT.
EMBANKMENT	4.9	35.4	SQ FT.
TOPSOIL EXC & PLAC	0.0	26.9	SQ FT.

NOTE:
A DEPTH OF 12 INCHES IS USED IN THE TOPSOIL EXCAVATION AND PLACEMENT CALCULATION.

FILE NAME = $FILEL$	USER NAME = $USER$	DESIGNED - RTA	REVISED - ADDENDUM A 12/17/2012	**STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION**	**CROSS SECTIONS RAMP C – STAGE 1 THRU 4**
		DRAWN - KES	REVISED -		
	PLOT SCALE = $SCALE$	CHECKED - PJO	REVISED -		
	PLOT DATE = $DATE$	DATE - 10/15/2012	REVISED -		

SCALE: | SHEET NO. 10 OF 13 SHEETS | STA. 7010+50 TO STA. 7011+50

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
338	(112 & 113) WRS-5	DUPAGE	963	856
		CONTRACT NO. 60I31		

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

	STAGE 1A	STAGE 1	UNIT
EARTH EXCAVATION	0.0	36.4	30 FT.
EMBANKMENT	0.0	30.8	30 FT.
TOPSOIL EXC & PLAC	0.0	28.0	30 FT.

STAGE 1

710.50

710.96

1:6

1:3

EXIST. R.O.W.

7013+00

	STAGE 1A	STAGE 1	UNIT
EARTH EXCAVATION	0.0	36.4	30 FT.
EMBANKMENT	0.0	38.1	30 FT.
TOPSOIL EXC & PLAC	0.0	29.7	30 FT.

STAGE 1

710.18

710.15

1:6

1:4

EXIST. R.O.W.

7012+50

	STAGE 1A	STAGE 1	UNIT
EARTH EXCAVATION	0.0	37.2	30 FT.
EMBANKMENT	0.0	65.4	30 FT.
TOPSOIL EXC & PLAC	0.0	36.7	30 FT.

STAGE 1

709.85

709.81

1:6

EXIST. R.O.W.

7012+00

NOTE:
A DEPTH OF 12 INCHES IS USED IN THE TOPSOIL EXCAVATION AND PLACEMENT CALCULATION.

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

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

FILE NAME = $FILE$	USER NAME = $USER$	DESIGNED - RTA	REVISED - ADDENDUM A 12/17/2012
		DRAWN - KES	REVISED -
	PLOT SCALE = $SCALE$	CHECKED - PJO	REVISED -
	PLOT DATE = $DATE$	DATE - 10/15/2012	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

CROSS SECTIONS
RAMP C – STAGE 1 THRU 4

SCALE: | SHEET NO. 11 OF 13 SHEETS | STA. 7012+00 | TO STA. 7013+00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
338	(112 & 113) WRS-5	DUPAGE	963	857
		CONTRACT NO. 60I31		

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

	STAGE 1A	STAGE 1	UNIT
EARTH EXCAVATION	0.0	38.6	CU. YD.
EMBANKMENT	0.0	42.9	CU. YD.
TOPSOIL EXC & PLAC	0.0	51.8	SQ. FT.

	STAGE 1A	STAGE 1	UNIT
EARTH EXCAVATION	0.0	40.6	CU. YD.
EMBANKMENT	0.0	34.0	CU. YD.
TOPSOIL EXC & PLAC	0.0	33.6	SQ. FT.

	STAGE 1A	STAGE 1	UNIT
EARTH EXCAVATION	0.0	38.8	CU. YD.
EMBANKMENT	0.0	47.3	CU. YD.
TOPSOIL EXC & PLAC	0.0	34.7	SQ. FT.

NOTE:
A DEPTH OF 12 INCHES IS USED IN THE TOPSOIL EXCAVATION AND PLACEMENT CALCULATION.

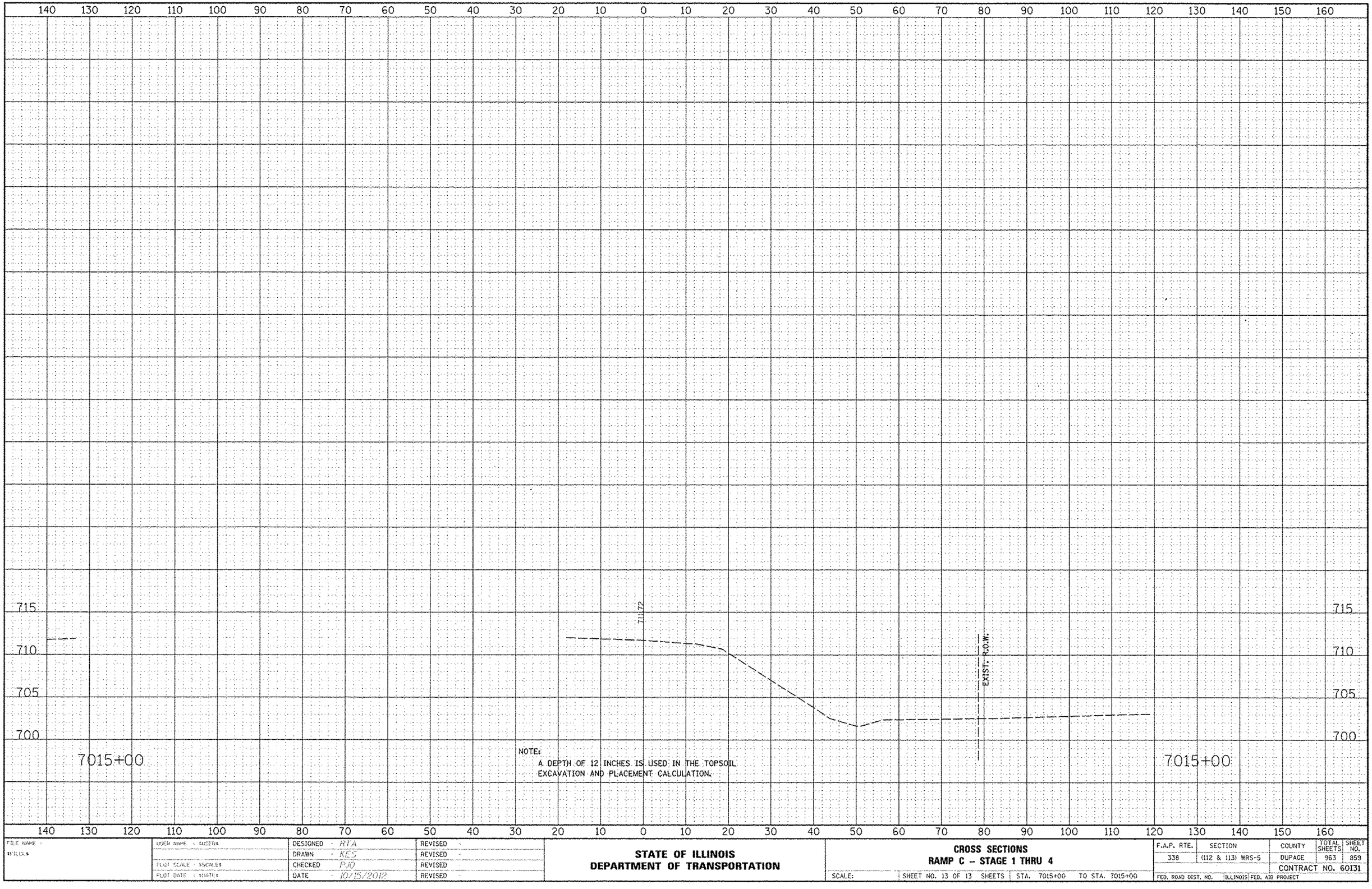
FILE NAME = #FILEL#	USER NAME = #USER#	DESIGNED - RTA	REVISED - ADDENDUM A 12/17/2012
		DRAWN - KES	REVISED -
	PLOT SCALE = #SCALE#	CHECKED - PJO	REVISED -
	PLOT DATE = #DATE#	DATE - 10/15/2012	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

CROSS SECTIONS
RAMP C – STAGE 1 THRU 4

SCALE: | SHEET NO. 12 OF 13 SHEETS | STA. 7013+50 | TO STA. 7014+50

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
338	(112 & 113) WRS-5	DUPAGE	963	858
		CONTRACT NO. 60I31		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		



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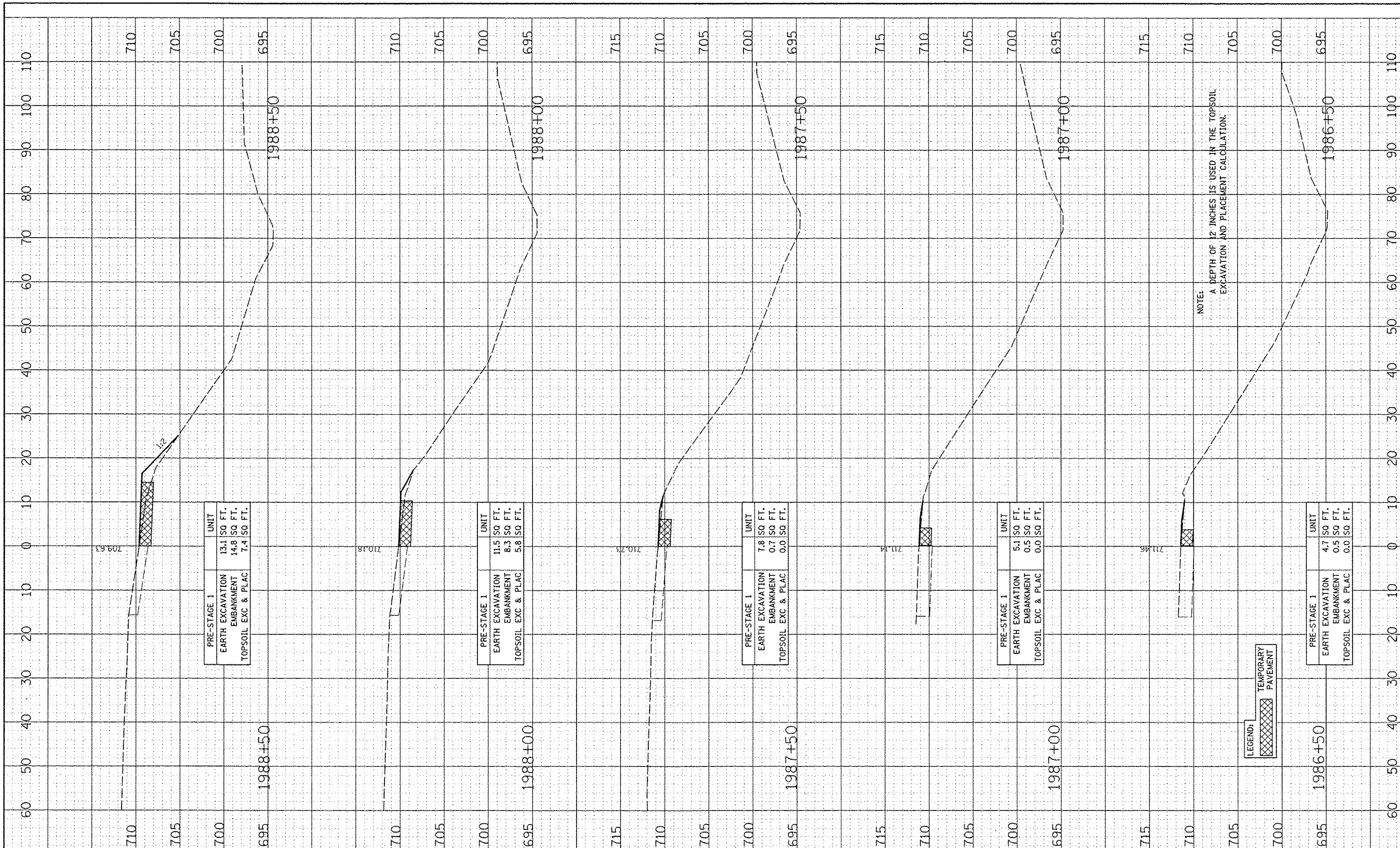
	PLOT DATE = $DATE$	DATE 10/15/2012	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

CROSS SECTIONS
RAMP C – STAGE 1 THRU 4

SCALE: | SHEET NO. 13 OF 13 SHEETS | STA. 7015+00 | TO STA. 7015+00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
338	(112 & 113) WRS-5	DUPAGE	963	859
		CONTRACT NO. 60I31		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		



FILE NAME = $FILE$	USER NAME = $USER$	DESIGNED - RTA	REVISED -
	PLOT SCALE = $SCALE$	DRAWN - KES	REVISED -
	PLOT DATE = $DATE$	CHECKED - PJO	REVISED -
		DATE - 10/15/2012	REVISED -

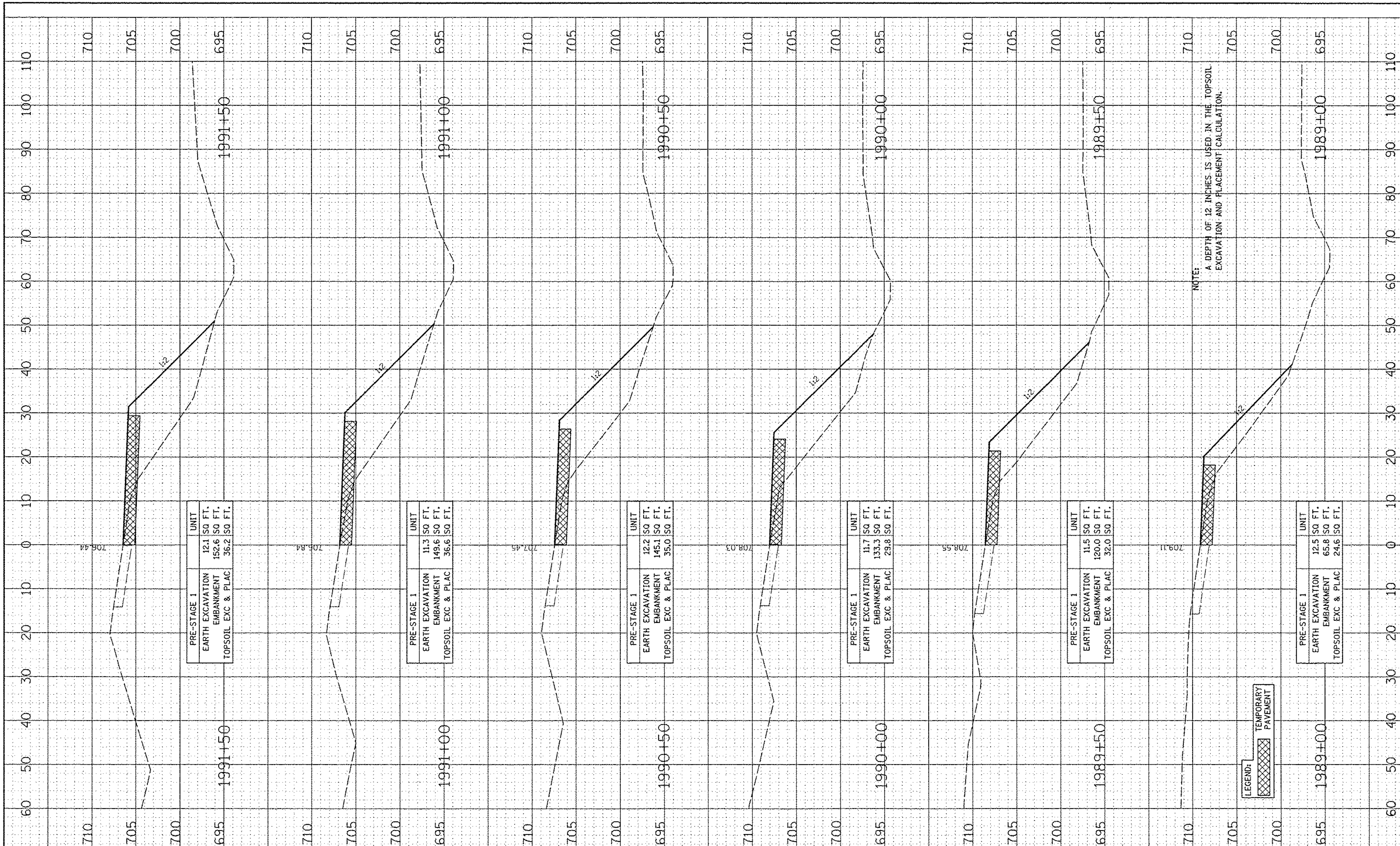
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

CROSS SECTIONS
RAMP D - PRE-STAGE

SCALE: SHEET NO. 1 OF 5 SHEETS STA. 1986+50 TO STA. 1988+50

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
338	(112 & 113) WRS-5	DUPAGE	963	860
		CONTRACT NO. 60I31		

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



NOTE:
A DEPTH OF 12 INCHES IS USED IN THE TOPSOIL EXCAVATION AND PLACEMENT CALCULATION.

STA. 1991+50

PRE-STAGE 1		UNIT
EARTH EXCAVATION	12.1	SQ FT.
EMBANKMENT	152.6	SQ FT.
TOPSOIL EXC & PLAC	36.2	SQ FT.

STA. 1991+00

PRE-STAGE 1		UNIT
EARTH EXCAVATION	11.3	SQ FT.
EMBANKMENT	149.6	SQ FT.
TOPSOIL EXC & PLAC	36.6	SQ FT.

STA. 1990+50

PRE-STAGE 1		UNIT
EARTH EXCAVATION	12.2	SQ FT.
EMBANKMENT	145.1	SQ FT.
TOPSOIL EXC & PLAC	35.0	SQ FT.

STA. 1990+00

PRE-STAGE 1		UNIT
EARTH EXCAVATION	11.7	SQ FT.
EMBANKMENT	133.3	SQ FT.
TOPSOIL EXC & PLAC	29.8	SQ FT.

STA. 1989+50

PRE-STAGE 1		UNIT
EARTH EXCAVATION	11.5	SQ FT.
EMBANKMENT	120.0	SQ FT.
TOPSOIL EXC & PLAC	32.0	SQ FT.

STA. 1989+00

PRE-STAGE 1		UNIT
EARTH EXCAVATION	12.5	SQ FT.
EMBANKMENT	65.8	SQ FT.
TOPSOIL EXC & PLAC	24.6	SQ FT.

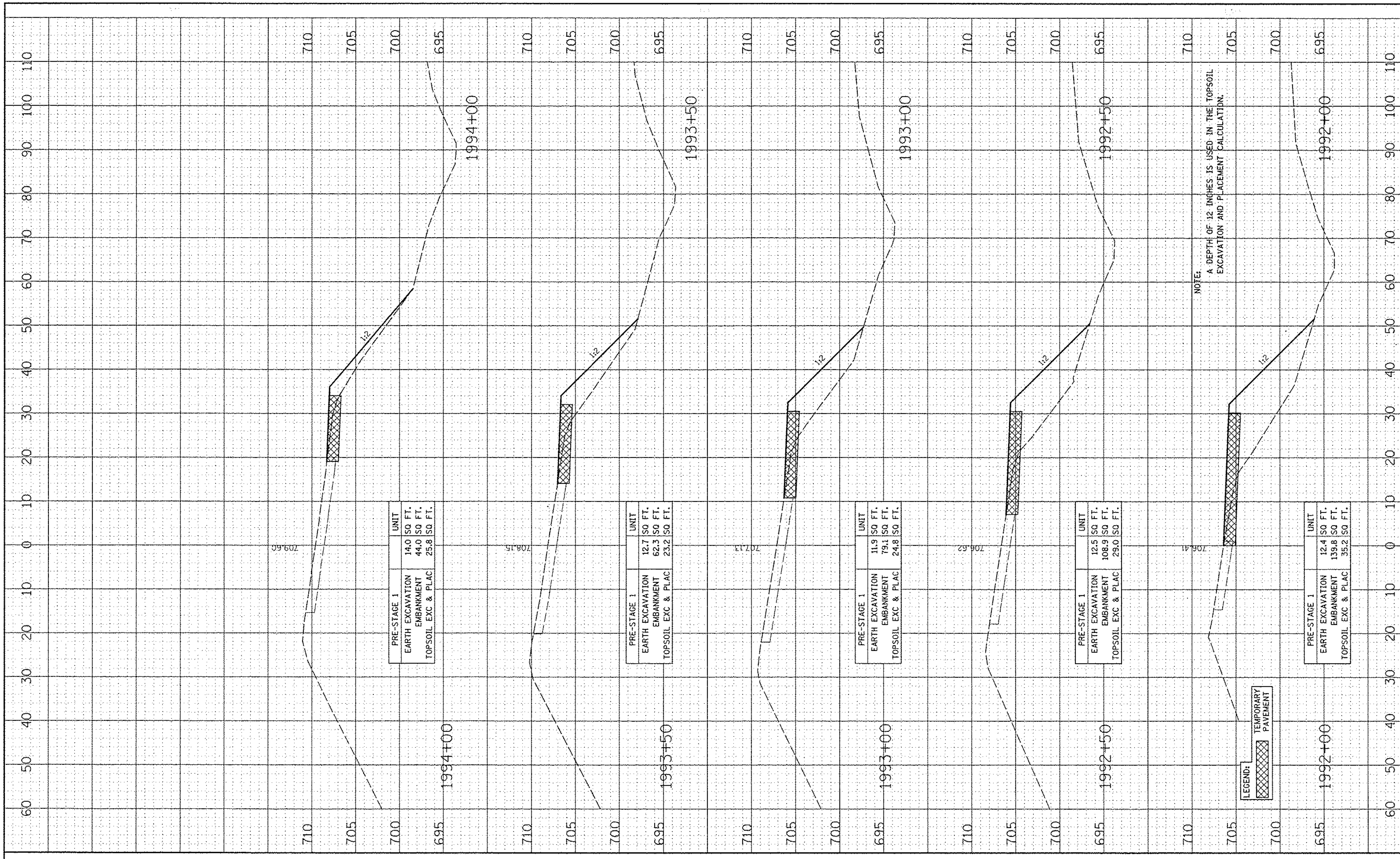
FILE NAME = $FILEL$	USER NAME = $USER$	DESIGNED - RTA	REVISED -
		DRAWN - KES	REVISED -
	PLOT SCALE = $SCALE$	CHECKED - PJO	REVISED -
	PLOT DATE = $DATE$	DATE - 10/15/2012	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

CROSS SECTIONS
RAMP D - PRE-STAGE

SCALE: | SHEET NO. 2 OF 5 SHEETS | STA. 1989+00 TO STA. 1991+50

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
338	(112 & 113) WRS-5	DUPAGE	963	861
		CONTRACT NO. 60131		
FED. ROAD DIST. NO.	ILLINOIS FED. AID PROJECT			



NOTE: A DEPTH OF 12 INCHES IS USED IN THE TOPSOIL EXCAVATION AND PLACEMENT CALCULATION.

Station 1994+00

PRE-STAGE 1		UNIT
EARTH EXCAVATION	14.0	SQ FT.
EMBANKMENT	44.0	SQ FT.
TOPSOIL EXC & PLAC	25.8	SQ FT.

Station 1993+50

PRE-STAGE 1		UNIT
EARTH EXCAVATION	12.7	SQ FT.
EMBANKMENT	62.3	SQ FT.
TOPSOIL EXC & PLAC	23.2	SQ FT.

Station 1993+00

PRE-STAGE 1		UNIT
EARTH EXCAVATION	11.9	SQ FT.
EMBANKMENT	79.1	SQ FT.
TOPSOIL EXC & PLAC	24.8	SQ FT.

Station 1992+50

PRE-STAGE 1		UNIT
EARTH EXCAVATION	12.5	SQ FT.
EMBANKMENT	108.9	SQ FT.
TOPSOIL EXC & PLAC	29.0	SQ FT.

Station 1992+00

PRE-STAGE 1		UNIT
EARTH EXCAVATION	12.4	SQ FT.
EMBANKMENT	139.8	SQ FT.
TOPSOIL EXC & PLAC	35.2	SQ FT.

FILE NAME = $FILE$
USER NAME = $USER$
PLOT SCALE = $SCALE$
PLOT DATE = $DATE$

DESIGNED - RTA
DRAWN - KES
CHECKED - PJO
DATE - 10/15/2012

REVISED -
REVISED -
REVISED -
REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

CROSS SECTIONS
RAMP D - PRE-STAGE

SCALE: | SHEET NO. 3 OF 5 SHEETS | STA. 1992+00 TO STA. 1994+00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
338	(112 & 113) WRS-5	DUPAGE	963	862

CONTRACT NO. 60I31

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

FINAL	SIGNED	BY	DATE
SURVEY	CORRECTED		
NOTE BOOK	TEMPLATE		
	AREAS		
	AREAS CHECKED		

ORIGINAL	SIGNED	BY	DATE
SURVEY	CORRECTED		
NOTE BOOK	TEMPLATE		
	AREAS		
	AREAS CHECKED		

PRE-STAGE 1	UNIT
EARTH EXCAVATION	15.0 SQ FT.
EMBANKMENT	3.3 SQ FT.
TOPSOIL EXC & PLAC	3.0 SQ FT.

PRE-STAGE 1	UNIT
EARTH EXCAVATION	0.0 SQ FT.
EMBANKMENT	0.0 SQ FT.
TOPSOIL EXC & PLAC	0.0 SQ FT.

PRE-STAGE 1	UNIT
EARTH EXCAVATION	0.0 SQ FT.
EMBANKMENT	0.0 SQ FT.
TOPSOIL EXC & PLAC	0.0 SQ FT.

PRE-STAGE 1	UNIT
EARTH EXCAVATION	14.2 SQ FT.
EMBANKMENT	2.8 SQ FT.
TOPSOIL EXC & PLAC	1.4 SQ FT.

PRE-STAGE 1	UNIT
EARTH EXCAVATION	12.8 SQ FT.
EMBANKMENT	14.5 SQ FT.
TOPSOIL EXC & PLAC	11.2 SQ FT.

NOTE:
A DEPTH OF 12 INCHES IS USED IN THE TOPSOIL EXCAVATION AND PLACEMENT CALCULATION.

LEGEND:
TEMPORARY PAVEMENT

FILE NAME = $FILE$	USER NAME = $USER$	DESIGNED - RTA	REVISED -
		DRAWN - KES	REVISED -
	PLOT SCALE = $SCALE$	CHECKED - PJO	REVISED -
	PLOT DATE = $DATE$	DATE - 10/15/2012	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

CROSS SECTIONS
RAMP D – PRE-STAGE

SCALE: | SHEET NO. 4 OF 5 SHEETS | STA. 1994+50 | TO STA. 1996+50

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
338	(112 & 113) WRS-5	DUPAGE	963	863
		CONTRACT NO. 60I31		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		

PRE-STAGE 1		UNIT
EARTH EXCAVATION	20.8	SQ FT.
EMBANKMENT	124.5	SQ FT.
TOPSOIL EXC & PLAC	59.8	SQ FT.

PRE-STAGE 1		UNIT
EARTH EXCAVATION	21.9	SQ FT.
EMBANKMENT	90.3	SQ FT.
TOPSOIL EXC & PLAC	34.8	SQ FT.

PRE-STAGE 1		UNIT
EARTH EXCAVATION	21.1	SQ FT.
EMBANKMENT	69.2	SQ FT.
TOPSOIL EXC & PLAC	25.6	SQ FT.

PRE-STAGE 1		UNIT
EARTH EXCAVATION	18.7	SQ FT.
EMBANKMENT	41.8	SQ FT.
TOPSOIL EXC & PLAC	18.6	SQ FT.

PRE-STAGE 1		UNIT
EARTH EXCAVATION	15.0	SQ FT.
EMBANKMENT	0.5	SQ FT.
TOPSOIL EXC & PLAC	0.0	SQ FT.

NOTE:
A DEPTH OF 12 INCHES IS USED IN THE TOPSOIL EXCAVATION AND PLACEMENT CALCULATION.

LEGEND:
TEMPORARY PAVEMENT

FILE NAME = $FILE$	USER NAME = $USER$	DESIGNED - RTA	REVISED -
		DRAWN - KFS	REVISED -
	PLOT SCALE = $SCALE$	CHECKED - PJO	REVISED -
	PLOT DATE = $DATE$	DATE - 10/15/2012	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

CROSS SECTIONS
RAMP D -- PRE-STAGE

SCALE: | SHEET NO. 5 OF 5 SHEETS | STA. 1997+00 | TO STA. 1999+00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
338	(112 & 113) WRS-5	DUPAGE	963	864
		CONTRACT NO. 60131		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		

	STAGE 1	STAGE 3	UNIT
EARTH EXCAVATION	13.8	15.4	SQ FT.
EMBANKMENT	0.0	0.4	SQ FT.
TOPSOIL EXC & PLAC	0.0	0.0	SQ FT.

STAGE 1 STAGE 3

711.12

711.14

EXIST. R.O.W.

711.96

EXIST. R.O.W.

1987+00

1986+50

NOTE:
A DEPTH OF 12 INCHES IS USED IN THE TOPSOIL EXCAVATION AND PLACEMENT CALCULATION.

FILE NAME = $FILE$	USER NAME = $USER$	DESIGNED - RTA	REVISED -
		DRAWN - KES	REVISED -
	PLOT SCALE = $SCALE$	CHECKED - PJD	REVISED -
	PLOT DATE = $DATE$	DATE - 10/15/2012	REVISED -

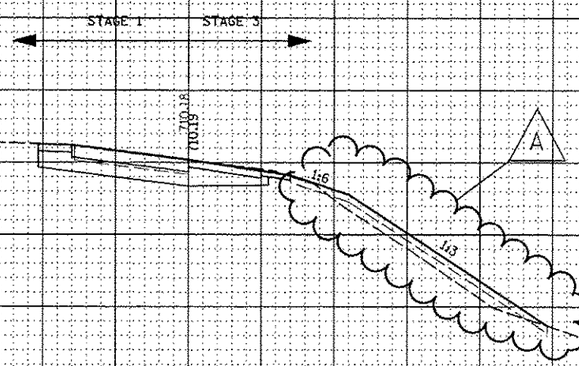
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

CROSS SECTIONS
RAMP D – STAGE 1 THRU 4

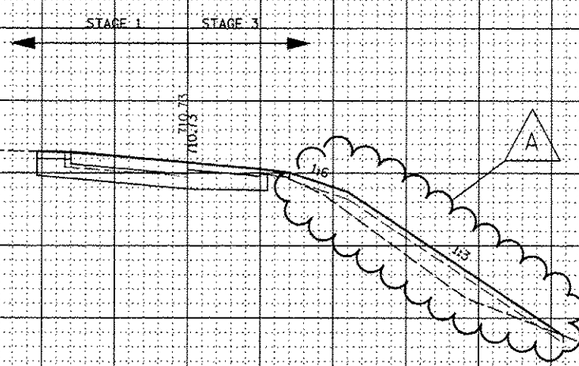
SCALE: | SHEET NO. 1 OF 11 SHEETS | STA. 1986+50 TO STA. 1987+00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
338	(112 & 113) WRS-5	DUPAGE	963	865
		CONTRACT NO. 60I31		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		

	STAGE 1	STAGE 3	UNIT
EARTH EXCAVATION	21.4	11.2	SQ FT.
EMBANKMENT	0.2	51.1	SQ FT.
TOPSOIL EXC & PLAC	0.0	36.5	SQ FT.



	STAGE 1	STAGE 3	UNIT
EARTH EXCAVATION	20.1	13.4	SQ FT.
EMBANKMENT	0.4	65.4	SQ FT.
TOPSOIL EXC & PLAC	0.0	37.5	SQ FT.



NOTE:
A DEPTH OF 12 INCHES IS USED IN THE TOPSOIL EXCAVATION AND PLACEMENT CALCULATION.

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

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

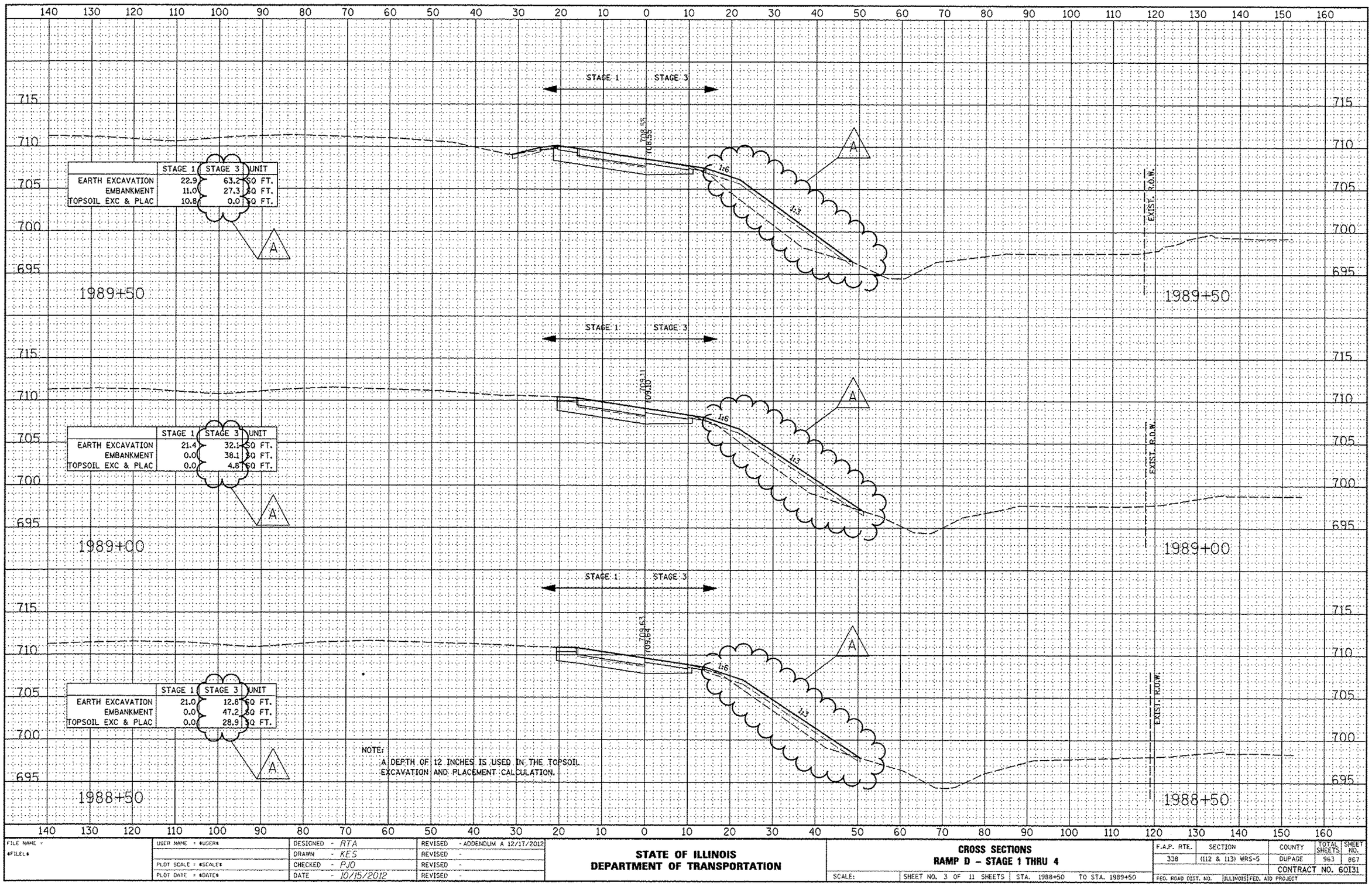
FILE NAME = $FILEL$	USER NAME = $USER$	DESIGNED - RTA	REVISED - ADDENDUM A 12/17/2012
		DRAWN - KES	REVISED -
	PLOT SCALE = $SCALE$	CHECKED - PJO	REVISED -
	PLOT DATE = $DATE$	DATE - 10/15/2012	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

CROSS SECTIONS
RAMP D – STAGE 1 THRU 4

SCALE: | SHEET NO. 2 OF 11 SHEETS | STA. 1987+50 | TO STA. 1988+00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
338	(112 & 113) WRS-5	DUPAGE	963	866
		CONTRACT NO. 60I31		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		



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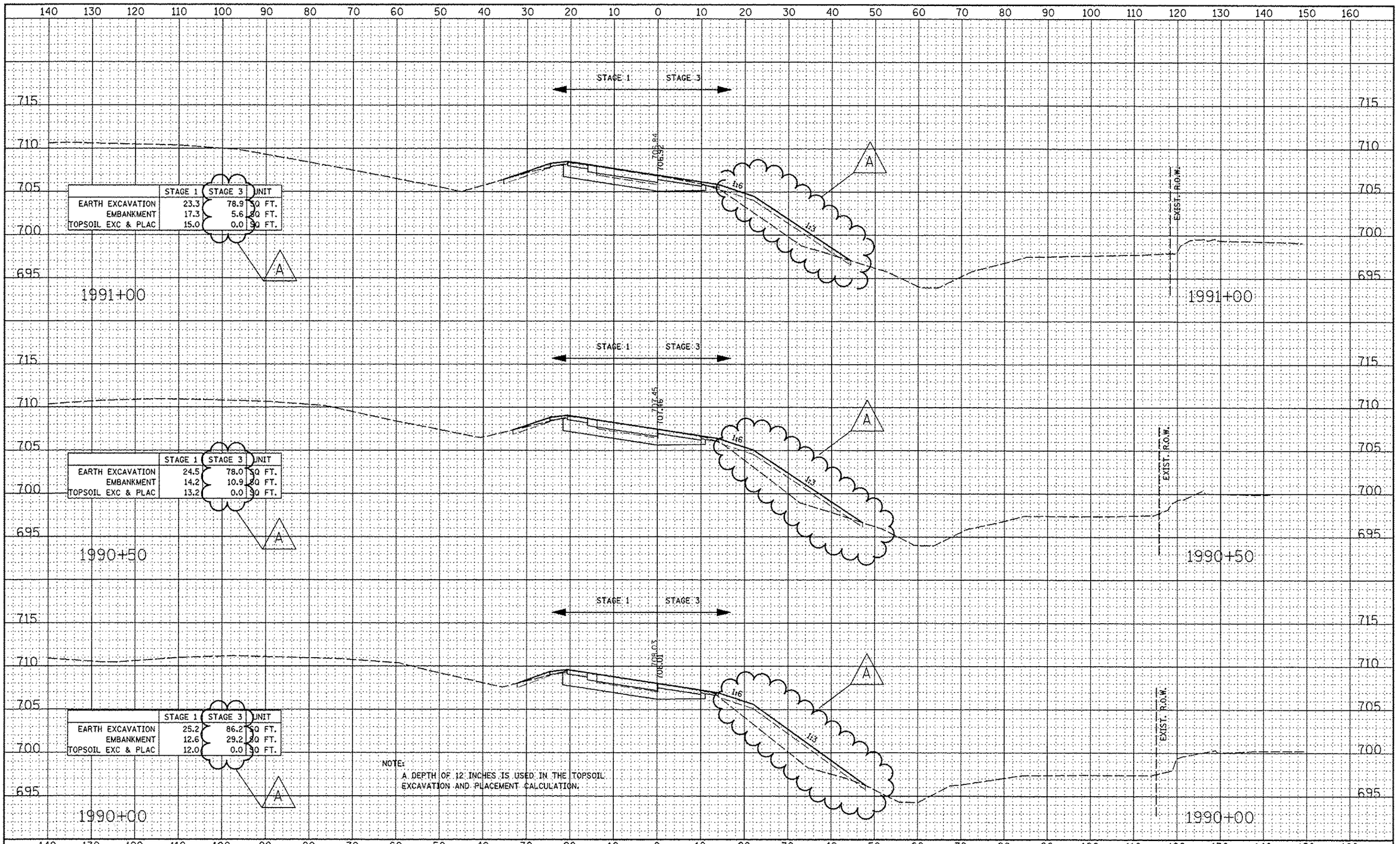
		DRAWN - KES	REVISED -		
	PLOT SCALE = #SCALE#	CHECKED - PJO	REVISED -		
	PLOT DATE = #DATE#	DATE - 10/15/2012	REVISED -		SCALE:

SHEET NO. 3 OF 11 SHEETS | STA. 1988+50 TO STA. 1989+50

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
338	(112 & 113) WRS-5	DUPAGE	963	867
		CONTRACT NO. 60I31		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		



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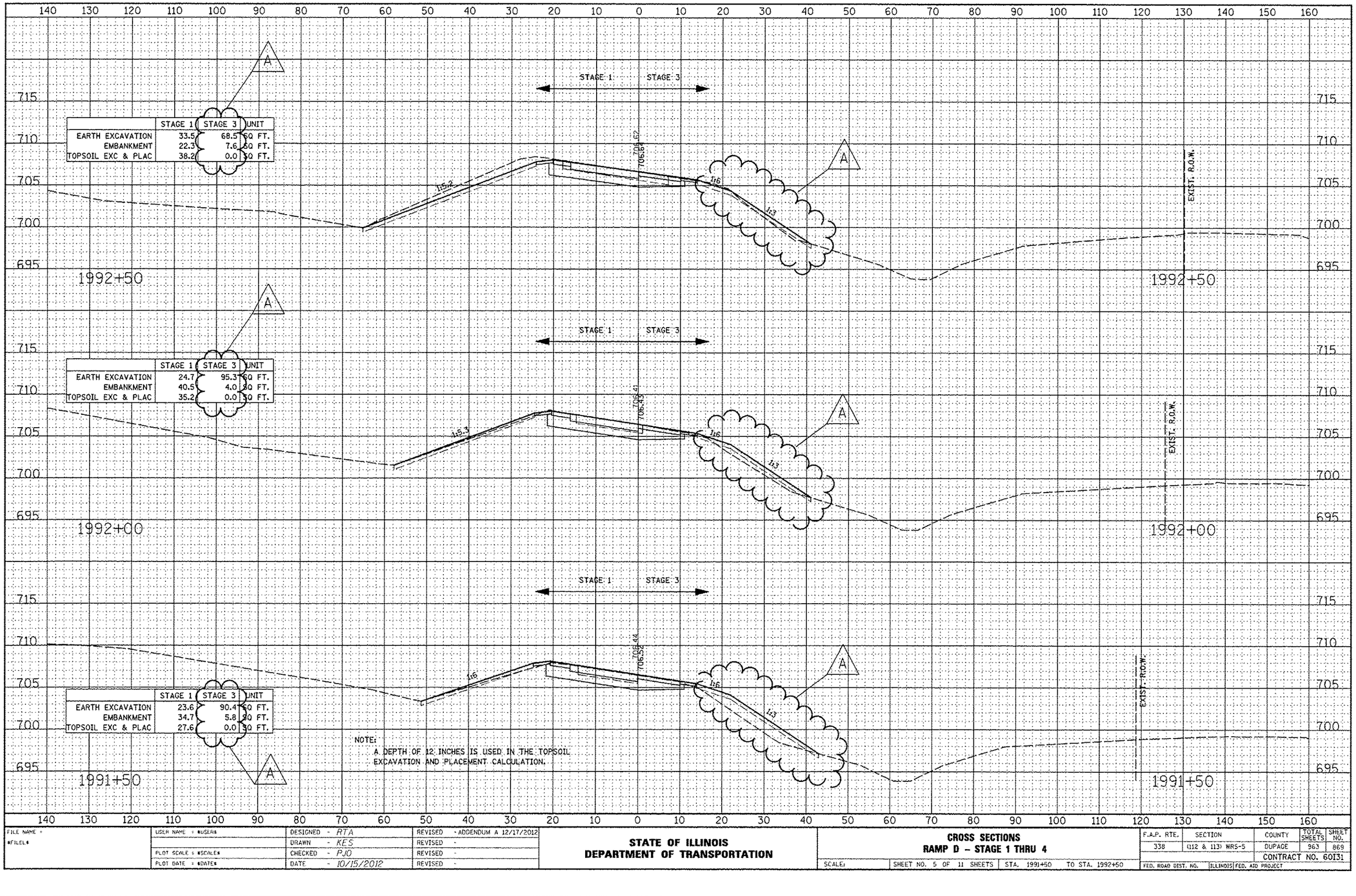
		DRAWN - KES	REVISED -
	PLOT SCALE = $SCALE$	CHECKED - PJO	REVISED -
	PLOT DATE = $DATE$	DATE - 10/15/2012	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

CROSS SECTIONS
RAMP D – STAGE 1 THRU 4

SCALE: | SHEET NO. 4 OF 11 SHEETS | STA. 1990+00 TO STA. 1991+00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
338	(112 & 113) WRS-5	DUPAGE	963	868
		CONTRACT NO. 60131		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		



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		DRAWN - KES	REVISED -
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	PLOT DATE = #DATE#	DATE - 10/15/2012	REVISED -

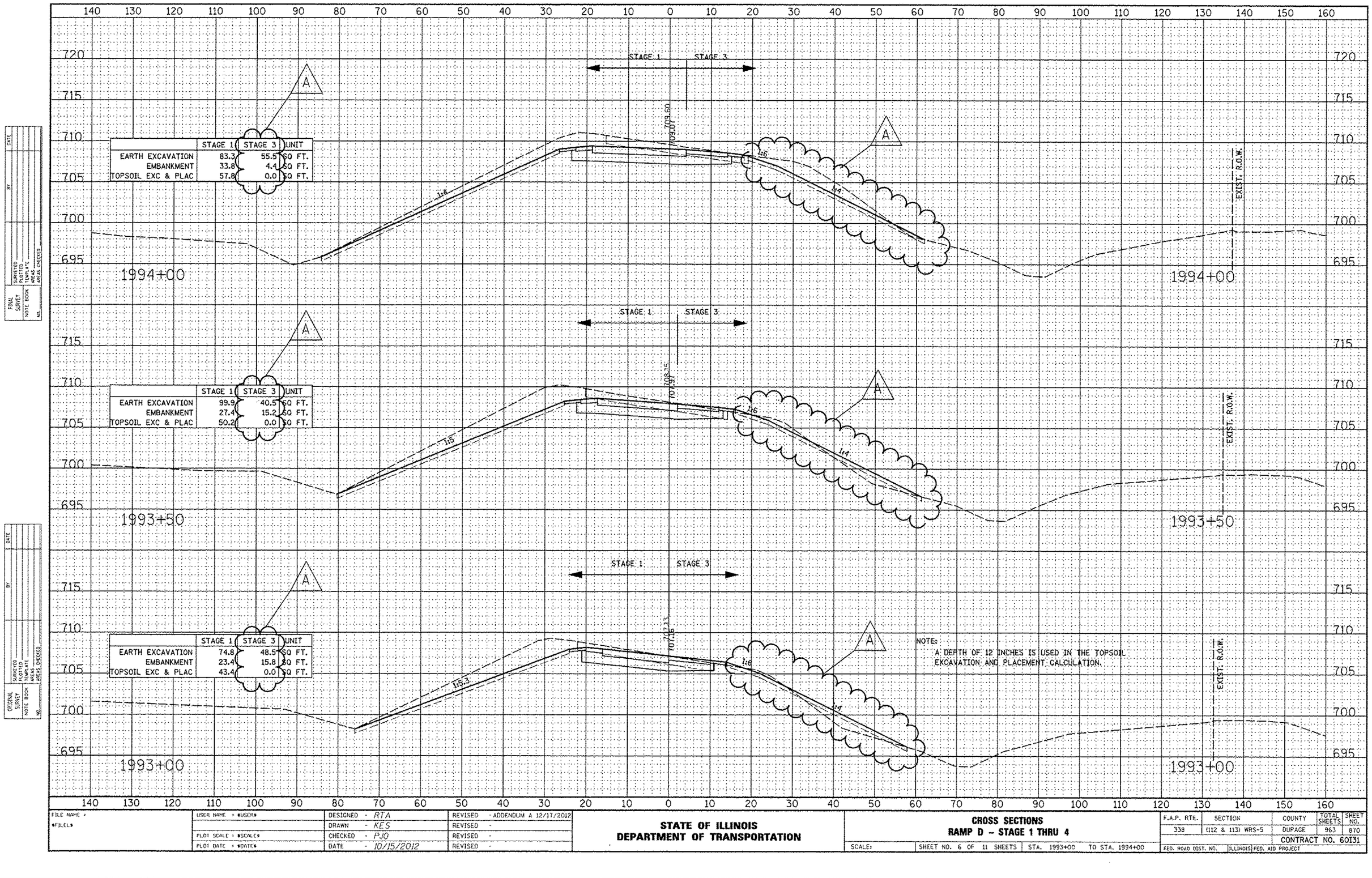
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

CROSS SECTIONS
RAMP D – STAGE 1 THRU 4

SCALE: | SHEET NO. 5 OF 11 SHEETS | STA. 1991+50 | TO STA. 1992+50

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
338	(112 & 113) WRS-5	DUPAGE	963	869
		CONTRACT NO. 60I31		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		

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



NOTE:
A DEPTH OF 12 INCHES IS USED IN THE TOPSOIL EXCAVATION AND PLACEMENT CALCULATION.

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

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

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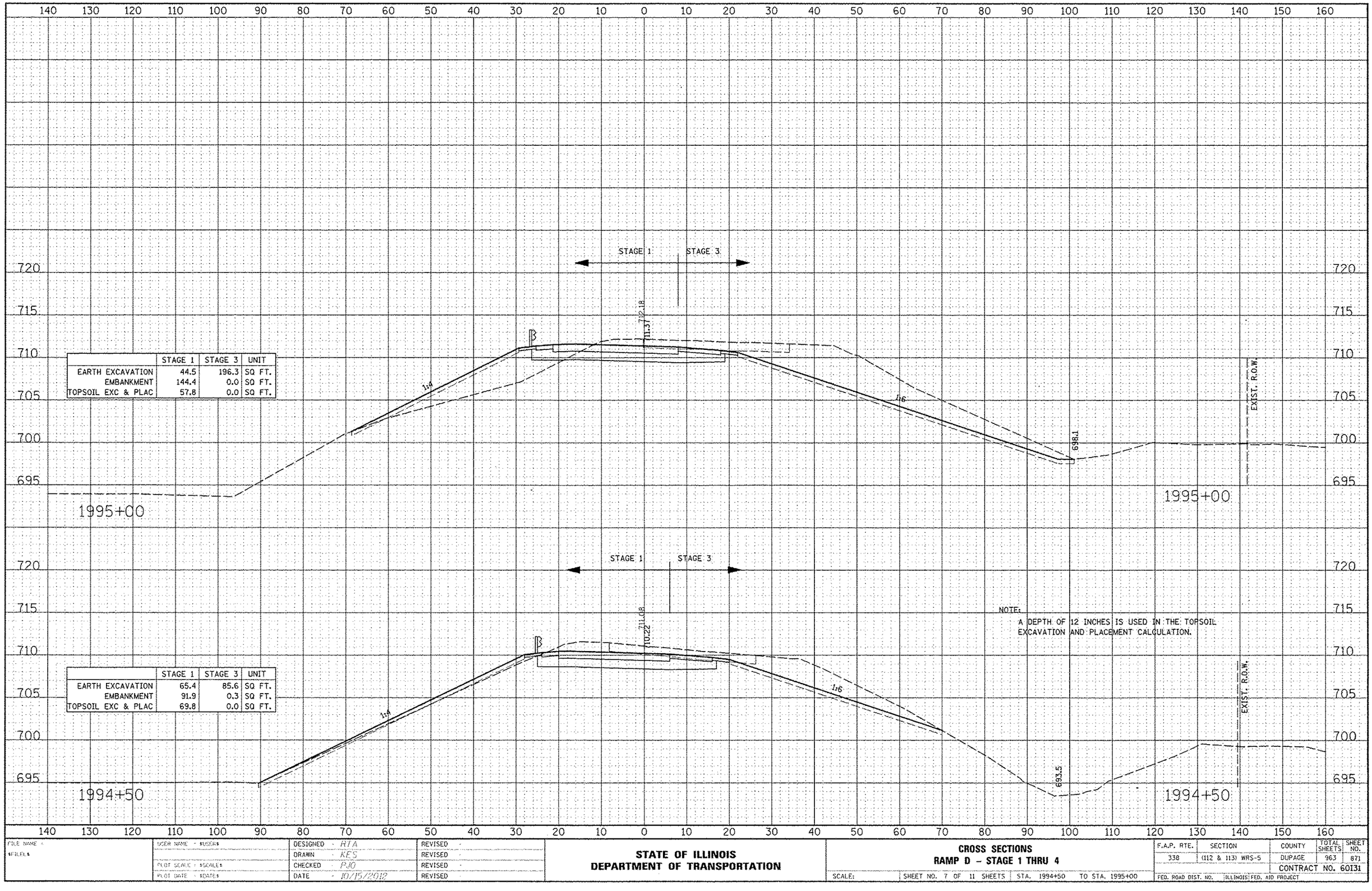
	PLOT DATE = $DATE$	DATE - 10/15/2012	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

CROSS SECTIONS
RAMP D – STAGE 1 THRU 4

SCALE: | SHEET NO. 6 OF 11 SHEETS | STA. 1993+00 | TO STA. 1994+00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
338	(112 & 113) WRS-5	DUPAGE	963	870
		CONTRACT NO. 60I31		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		



	STAGE 1	STAGE 3	UNIT
EARTH EXCAVATION	44.5	196.3	SQ FT.
EMBANKMENT	144.4	0.0	SQ FT.
TOPSOIL EXC & PLAC	57.8	0.0	SQ FT.

	STAGE 1	STAGE 3	UNIT
EARTH EXCAVATION	65.4	85.6	SQ FT.
EMBANKMENT	91.9	0.3	SQ FT.
TOPSOIL EXC & PLAC	69.8	0.0	SQ FT.

NOTE:
A DEPTH OF 12 INCHES IS USED IN THE TOPSOIL EXCAVATION AND PLACEMENT CALCULATION.

FILE NAME = $FILE$	USER NAME = $USER$	DESIGNED - RTA	REVISED -
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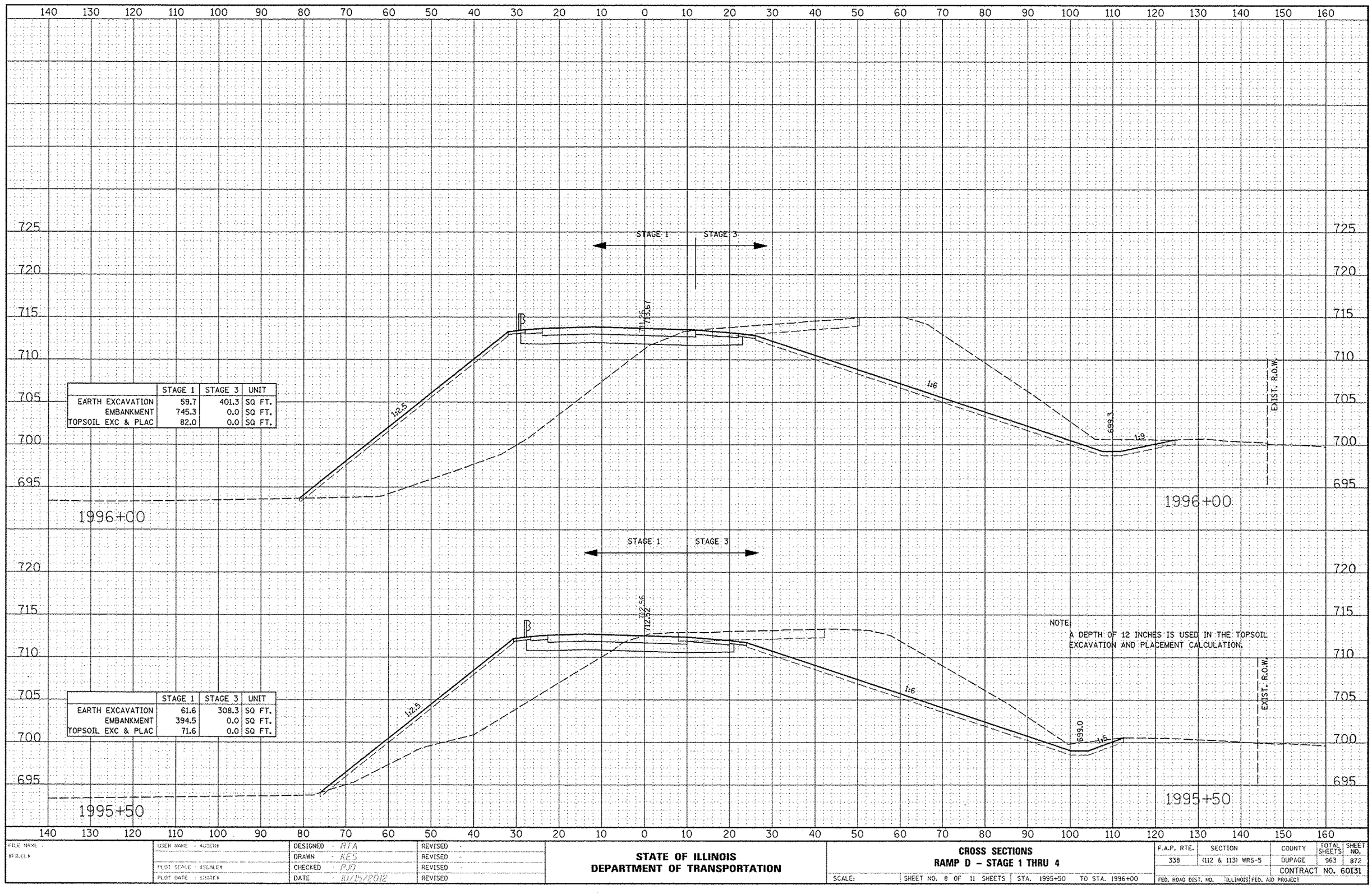
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

CROSS SECTIONS
RAMP D – STAGE 1 THRU 4

SCALE: | SHEET NO. 7 OF 11 SHEETS | STA. 1994+50 | TO STA. 1995+00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
338	(112 & 113) WRS-5	DUPAGE	963	871
		CONTRACT NO. 60I31		

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



	STAGE 1	STAGE 3	UNIT
EARTH EXCAVATION	59.7	401.3	SQ FT.
EMBANKMENT	745.3	0.0	SQ FT.
TOPSOIL EXC & PLAC	82.0	0.0	SQ FT.

	STAGE 1	STAGE 3	UNIT
EARTH EXCAVATION	61.6	308.3	SQ FT.
EMBANKMENT	394.5	0.0	SQ FT.
TOPSOIL EXC & PLAC	71.6	0.0	SQ FT.

NOTE:
A DEPTH OF 12 INCHES IS USED IN THE TOPSOIL EXCAVATION AND PLACEMENT CALCULATION.

FILE NAME = $FILE$	USER NAME = $USER$	DESIGNED - RTA	REVISED -
		DRAWN - KES	REVISED -
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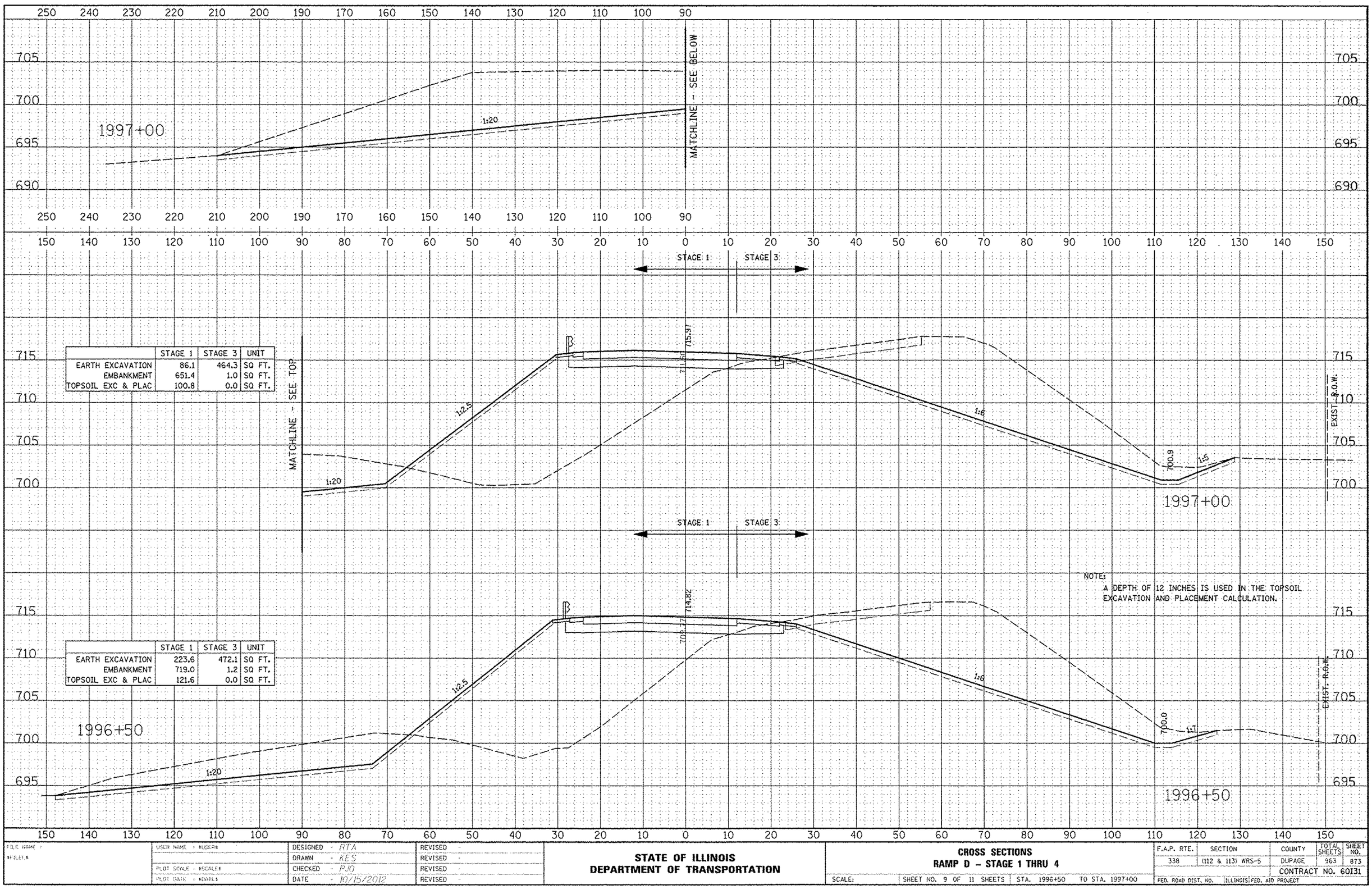
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

CROSS SECTIONS
RAMP D – STAGE 1 THRU 4

SCALE: | SHEET NO. 8 OF 11 SHEETS | STA. 1995+50 | TO STA. 1996+00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
338	(112 & 113) WRS-5	DUPAGE	963	872
		CONTRACT NO. 60I31		

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



	STAGE 1	STAGE 3	UNIT
EARTH EXCAVATION	86.1	464.3	SQ FT.
EMBANKMENT	651.4	1.0	SQ FT.
TOPSOIL EXC & PLAC	100.8	0.0	SQ FT.

	STAGE 1	STAGE 3	UNIT
EARTH EXCAVATION	223.6	472.1	SQ FT.
EMBANKMENT	719.0	1.2	SQ FT.
TOPSOIL EXC & PLAC	121.6	0.0	SQ FT.

NOTE:
A DEPTH OF 12 INCHES IS USED IN THE TOPSOIL EXCAVATION AND PLACEMENT CALCULATION.

FINAL / ORIGINAL SURVEY — NOTE BOOK — DESIGNED / PLOTTED / TOPSOIL / AREAS / AREAS CHECKED — BY — DATE

FILE NAME = $FILE$	USER NAME = $USER$	DESIGNED - RTA	REVISED -
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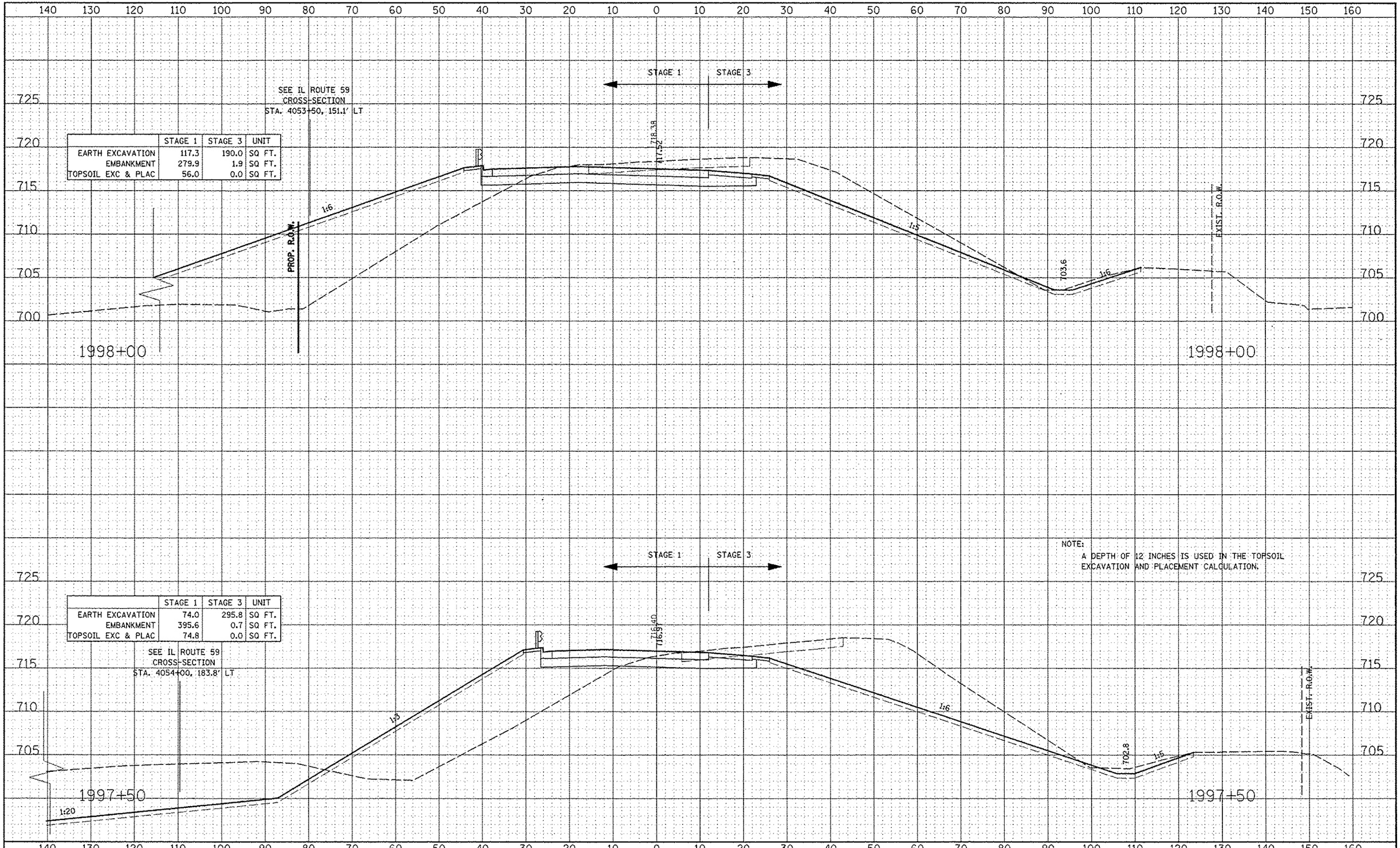
	PLOT DATE = $DATE$	DATE - 10/15/2018	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

CROSS SECTIONS
RAMP D – STAGE 1 THRU 4

SCALE: | SHEET NO. 9 OF 11 SHEETS | STA. 1996+50 | TO STA. 1997+00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
338	(112 & 113) WRS-5	DUPAGE	963	873
		CONTRACT NO. 60I31		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		



	STAGE 1	STAGE 3	UNIT
EARTH EXCAVATION	117.3	190.0	SQ FT.
EMBANKMENT	279.9	1.9	SQ FT.
TOPSOIL EXC & PLAC	56.0	0.0	SQ FT.

	STAGE 1	STAGE 3	UNIT
EARTH EXCAVATION	74.0	295.8	SQ FT.
EMBANKMENT	395.6	0.7	SQ FT.
TOPSOIL EXC & PLAC	74.8	0.0	SQ FT.

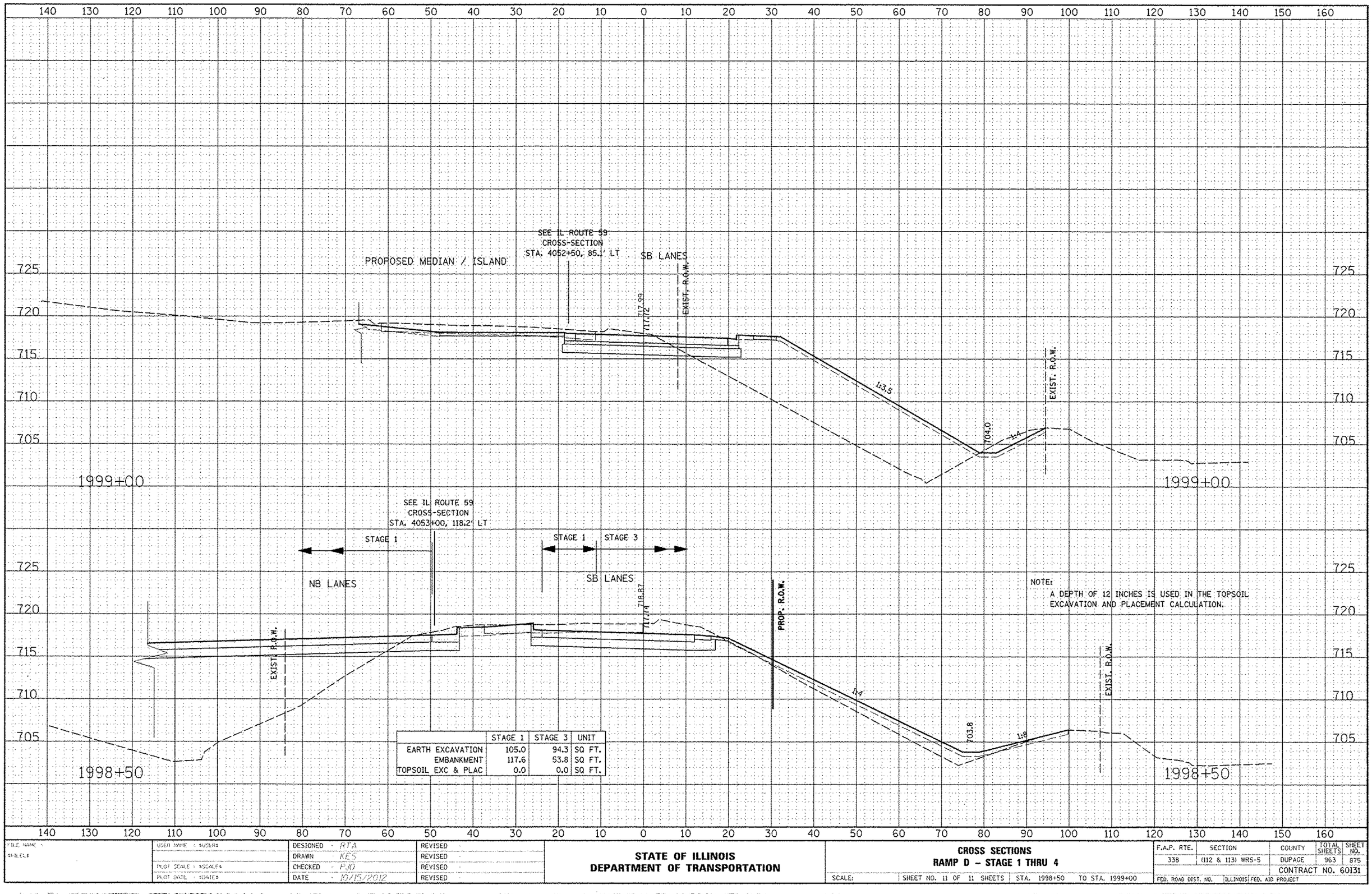
SEE IL ROUTE 59
CROSS-SECTION
STA. 4054+00, 183.8' LT

NOTE:
A DEPTH OF 12 INCHES IS USED IN THE TOPSOIL EXCAVATION AND PLACEMENT CALCULATION.

FINAL SURVEY / ORIGINAL SURVEY — DATE / BY / SURVEYED / DRAWN / NOTE BOOK / TEMPLATE / AREAS / AREAS CHECKED / NO.

FILE NAME = $FILE$	USER NAME = $USER$	DESIGNED - RIA	REVISED	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	CROSS SECTIONS RAMP D – STAGE 1 THRU 4
		DRAWN - KES	REVISED		
	PLOT SCALE = $SCALE$	CHECKED - PJO	REVISED		SCALE: — SHEET NO. 10 OF 11 SHEETS — STA. 1997+50 TO STA. 1998+00
	PLOT DATE = $DATE$	DATE - 10/15/2012	REVISED		

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
338	(112 & 113) WRS-5	DUPAGE	963	874
		CONTRACT NO. 60131		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		



	STAGE 1	STAGE 3	UNIT
EARTH EXCAVATION	105.0	94.3	SQ FT.
EMBANKMENT	117.6	53.8	SQ FT.
TOPSOIL EXC & PLAC	0.0	0.0	SQ FT.

FILE NAME = $FILE$	USER NAME = $USER$	DESIGNED - RTA
		DRAWN - KES
	PLOT SCALE = $SCALE$	CHECKED - PJO
	PLOT DATE = $DATE$	DATE - 10/15/2012

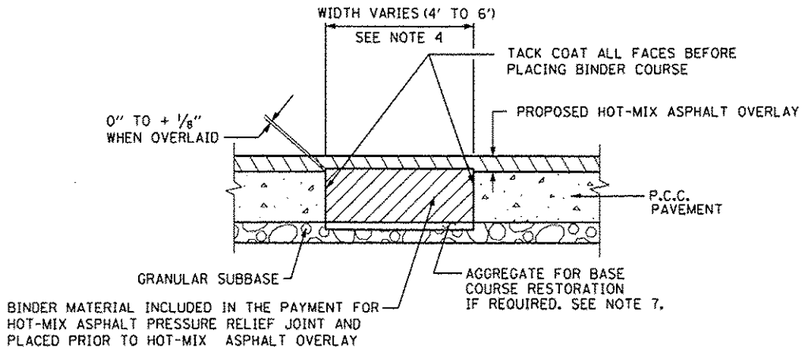
REVISED
REVISED
REVISED
REVISED

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

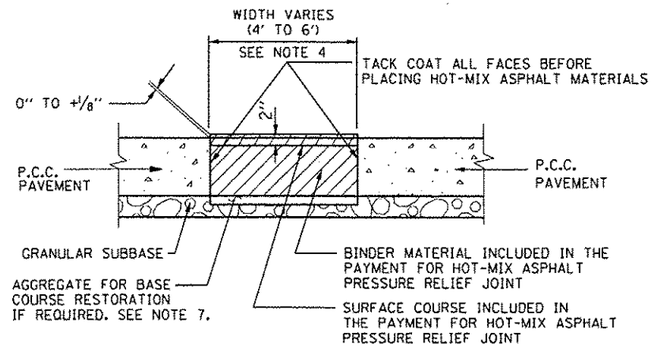
CROSS SECTIONS
RAMP D – STAGE 1 THRU 4

SCALE: | SHEET NO. 11 OF 11 SHEETS | STA. 1998+50 | TO STA. 1999+00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
338	(112 & 113) WRS-5	DUPAGE	963	875
		CONTRACT NO. 60131		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		



HOT-MIX ASPHALT PRESSURE RELIEF JOINT WITH PROPOSED OVERLAY



HOT-MIX ASPHALT PRESSURE RELIEF JOINT WITHOUT PROPOSED OVERLAY

NOTES FOR HOT-MIX ASPHALT PRESSURE RELIEF JOINT:

1. PAVEMENT SHALL BE SAWCUT OR BULKHEADED FULL DEPTH ALONG A NEAT LINE PERPENDICULAR TO THE EDGE OF PAVEMENT AT LOCATIONS SHOWN ON THE PLANS OR AS DETERMINED BY THE ENGINEER. PAVEMENT BETWEEN SAWCUTS SHALL BE REMOVED AND THE AREA SHALL BE CLEANED TO THE SATISFACTION OF THE ENGINEER.
2. THE IN-PLACE DENSITY SHALL NOT BE LESS THAN 95% OF THE BULK SPECIFIC GRAVITY ("d") DENSITY, EXCEPT THAT IF A TARGET DENSITY HAS BEEN PREVIOUSLY ESTABLISHED FOR THE SAME MIX, THE IN-PLACE DENSITY OF EACH LIFT OF THE MIX WILL BE ACCEPTED AT 95% OF THE BULK SPECIFIC GRAVITY ("d") DENSITY, OR 98% OF THE TARGET DENSITY WHICHEVER IS THE LEAST.
3. THE REMOVAL OF EXISTING LONGITUDINAL TIE BARS OR REINFORCEMENT SHALL BE CONSIDERED INCIDENTAL TO HOT-MIX ASPHALT PRESSURE RELIEF JOINT.
4. EXACT LOCATIONS AND WIDTH OF HOT-MIX ASPHALT PRESSURE RELIEF JOINTS WILL BE DETERMINED BY THE ENGINEER IN THE FIELD.
5. THE CONTRACT UNIT PRICE PER SQUARE FOOT FOR HOT-MIX ASPHALT PRESSURE RELIEF JOINT SHALL INCLUDE THE COST OF THE SAW CUT OR BULKHEAD FULL DEPTH, REMOVAL OF EXISTING PAVEMENT, HOT-MIX ASPHALT MATERIALS (TACK COAT), AND HOT-MIX ASPHALT CONCRETE MATERIALS.
6. REFER TO THE CONTRACT DOCUMENTS FOR THE REQUIRED BINDER AND SURFACE COURSE MATERIALS.
7. IF REQUIRED, AGGREGATE FOR BASE COURSE RESTORATION WILL BE MEASURED AND PAID FOR IN TONS, PER SECTION 351.

LEGEND

- P.C.C. PAVEMENT
- PROPOSED SURFACE COURSE (SEE DETAIL FOR HOT-MIX ASPHALT P.R.J. W/OUT PROPOSED OVERLAY)
- PROPOSED OVERLAY
- GRANULAR SUBBASE

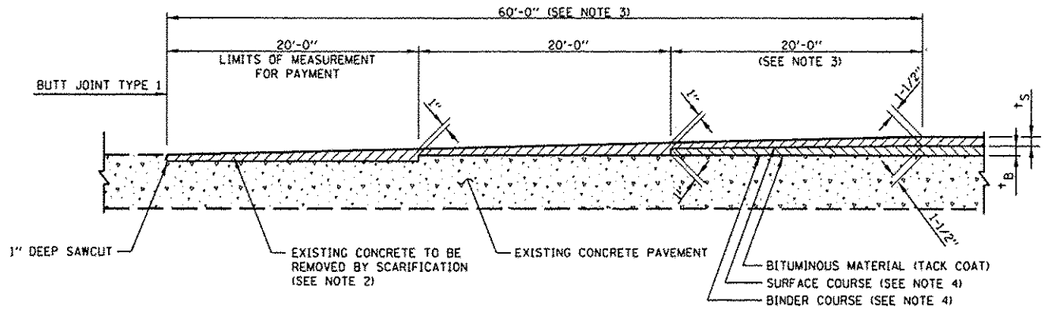
APPROVED Jeff Haley CHIEF ENGINEER DATE 1-1-2007

Illinois Tollway
Open Roads for a Faster Future

DATE	REVISIONS

HOT-MIX ASPHALT PRESSURE RELIEF JOINTS

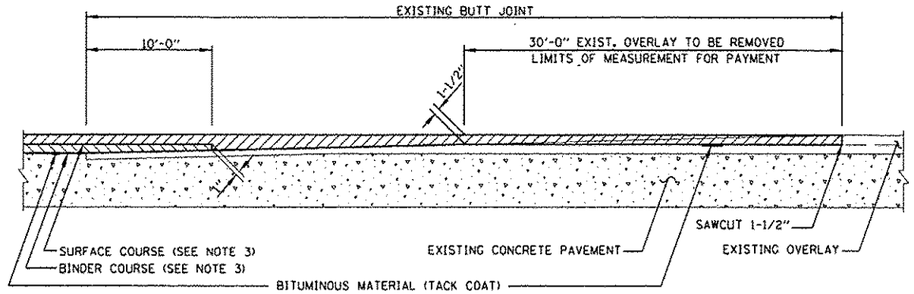
STANDARD A3-00



DETAIL OF BUTT JOINT, TYPE 1

NOTES FOR BUTT JOINT TYPE 1

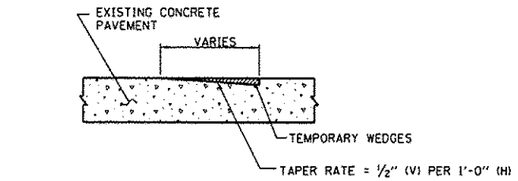
1. THE ABOVE WORK WILL BE PERFORMED AT THE ENDS OF ALL HOT-MIX ASPHALT RESURFACING. THE REMOVAL OF CONCRETE PAVEMENT WILL BE INCLUDED IN CONTRACT UNIT PRICE PER SQUARE YARD FOR "PORTLAND CEMENT CONCRETE SURFACE REMOVAL - BUTT JOINT". HOT-MIX ASPHALT OVERLAY TO BE PAID FOR UNDER ITEMS: "HOT-MIX ASPHALT BINDER COURSE" AND "HOT-MIX ASPHALT SURFACE COURSE", OF THE TYPE SPECIFIED IN THE CONTRACT.
2. ONLY APPROVED SCARIFYING OR MILLING EQUIPMENT SHALL BE USED TO SCARIFY THE CONCRETE PAVEMENT.
3. REGARDLESS OF TYPE OF SURFACE MIX USED, NUMBER OR THICKNESS OF COURSES OR LAYERS, THE OVERLAY THICKNESS TRANSITION LENGTH SHALL BE BASED ON 1" IN 20' AND THE MINIMUM LAYER THICKNESS SHALL BE 1".
4. REFER TO THE CONTRACT DOCUMENTS FOR THE REQUIRED BINDER AND SURFACE COURSE MATERIALS. "t_S" IS THE THICKNESS OF THE SURFACE COURSE SPECIFIED IN THE CONTRACT. "t_B" IS THE THICKNESS OF THE BINDER COURSE SPECIFIED IN THE CONTACT. SEE NOTE 3.



DETAIL OF BUTT JOINT, TYPE 2 AT EXISTING OVERLAY AREAS

NOTES FOR BUTT JOINT, TYPE 2

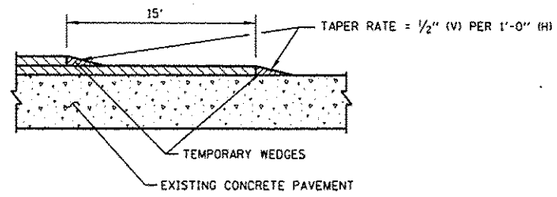
1. THE ABOVE WORK WILL BE PERFORMED AT THE ENDS OF ALL HOT-MIX ASPHALT RESURFACING WHERE BUTT JOINTS EXIST. THE REMOVAL OF HOT-MIX ASPHALT OVERLAY AND SAWCUT WILL BE INCLUDED IN THE CONTRACT UNIT PRICE PER SQUARE YARD FOR "HOT-MIX ASPHALT SURFACE REMOVAL - BUTT JOINT".
2. HOT-MIX ASPHALT OVERLAY TO BE PAID UNDER ITEMS: "HOT-MIX ASPHALT BINDER COURSE" AND "HOT-MIX ASPHALT SURFACE COURSE", OF THE TYPE SPECIFIED IN THE CONTRACT.
3. REFER TO THE CONTRACT DOCUMENTS FOR THE REQUIRED BINDER AND SURFACE COURSE MATERIALS.



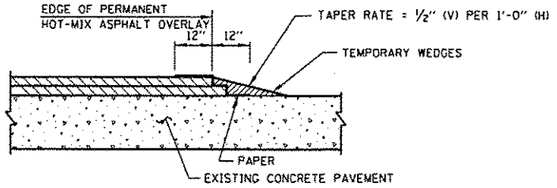
TEMPORARY HOT-MIX ASPHALT WEDGE AT SCARIFIED BUTT JOINT

NOTE FOR TEMPORARY HOT-MIX ASPHALT WEDGE AT SCARIFIED BUTT JOINT

TEMPORARY WEDGES AT SCARIFIED BUTT JOINTS AND TRANSVERSE TEMPORARY BUTT JOINTS ARE INCLUDED IN COST OF PAVEMENT RESURFACING MATERIALS.



TEMPORARY TRANSVERSE BUTT JOINT



TEMPORARY LONGITUDINAL BUTT JOINT

NOTES FOR TEMPORARY LONGITUDINAL BUTT JOINT

1. THIS ITEM WILL BE USED ONLY WHERE DIRECTED BY THE ENGINEER.
2. PAYMENT WILL BE MADE AT THE CONTRACT UNIT PRICE PER SQUARE YARD FOR "TEMPORARY WEDGES" WHICH INCLUDES THE MAINTENANCE OF THE TEMPORARY WEDGES AS REQUIRED IN THE STANDARD SPECIFICATIONS.
3. UPON REMOVAL OF THE WEDGES, THE SURFACE COURSE SHALL BE SAWCUT PARALLEL TO THE JOINT TO PROVIDE A TRUE VERTICAL SURFACE.
4. REFER TO THE CONTRACT DOCUMENTS FOR THE REQUIRED BINDER AND SURFACE COURSE MATERIALS.

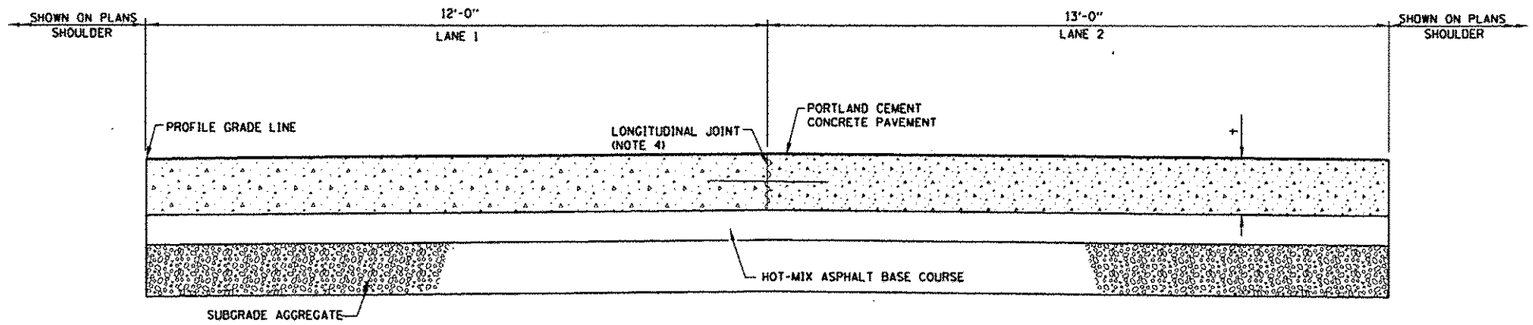
APPROVED Paul Kovacs CHIEF ENGINEER DATE 5-1-2009

Illinois Tollway
Open Roads for a Faster Future

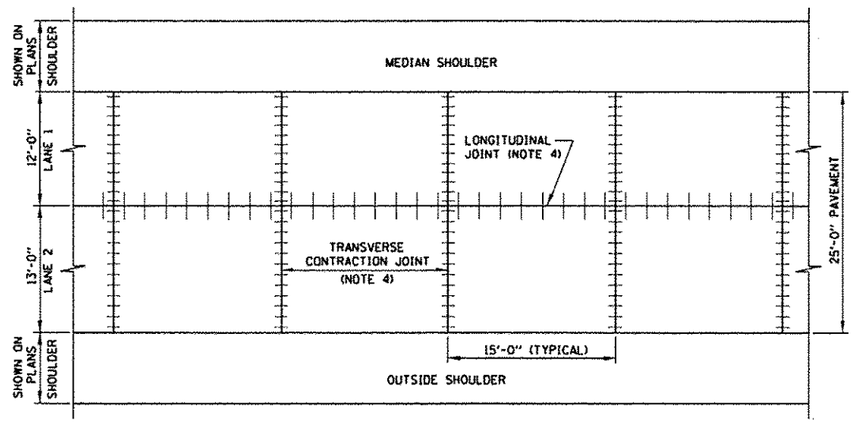
DATE	REVISIONS
5-1-2009	CHANGED WEDGE TAPER RATE NOTATION.
	REVISED NOTES

BUTT JOINTS

STANDARD A4-01



PAVEMENT CROSS - SECTION (2 LANES)



PAVEMENT PLAN
2 - LANE SECTION

GENERAL NOTES:

1. DOWEL BASKET ASSEMBLIES, WHERE USED, SHALL BE SUPPORTED AND ANCHORED IN ACCORDANCE WITH THE STANDARD SPECIFICATIONS.
2. WHEN ADJACENT LANES ARE NOT BUILT IN ONE OPERATION, A LONGITUDINAL JOINT SHALL BE REPLACED WITH BULKHEAD LONGITUDINAL JOINT.
3. MATERIALS ARE PROJECT SPECIFIC. REFER TO PROJECT PLANS AND CONTRACT DOCUMENTS FOR DETAILS.
4. SEE STANDARD A7 (PAVEMENT JOINTS) AND IDOT STANDARD 420001 (PAVEMENT JOINTS) FOR DETAILS OF JOINTS AND TIE BARS NOT SHOWN.
5. PAVEMENT DESIGNS ARE PROJECT SPECIFIC. OTHER MATERIALS MAY BE SUBSTITUTED FOR HOT-MIX ASPHALT BASE COURSE AND SUBGRADE AGGREGATE. REFER TO PROJECTS PLANS FOR DETAILS AND MATERIAL THICKNESS.

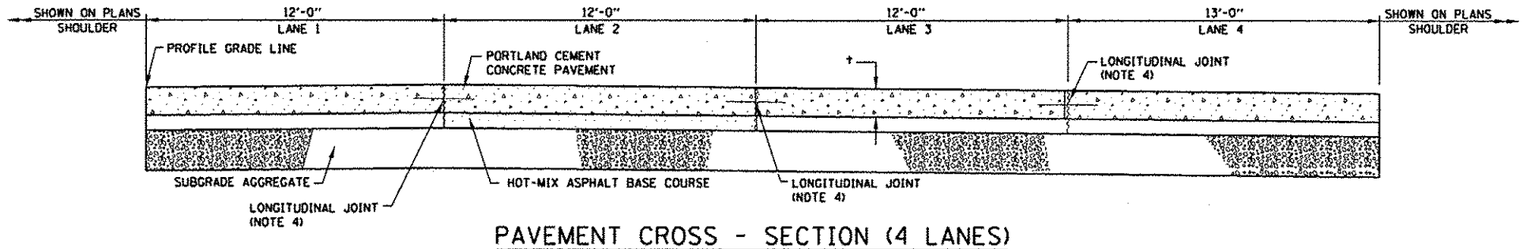
Paul Kovacs
APPROVED ..... CHIEF ENGINEER
DATE 5-1-2009

Illinois Tollway
Open Roads for a Faster Future

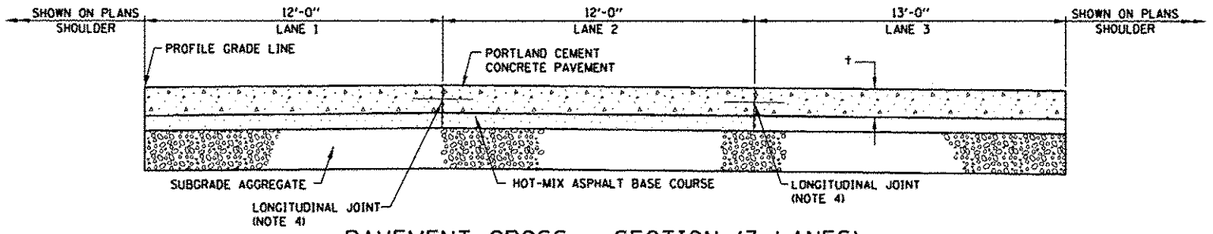
DATE	REVISIONS
5-1-2009	DELETED BLOCK-OUTS DETAIL,
	REMOVED SHOULDER DIMENSIONS

J.P.C. PAVEMENT
12" OR LESS

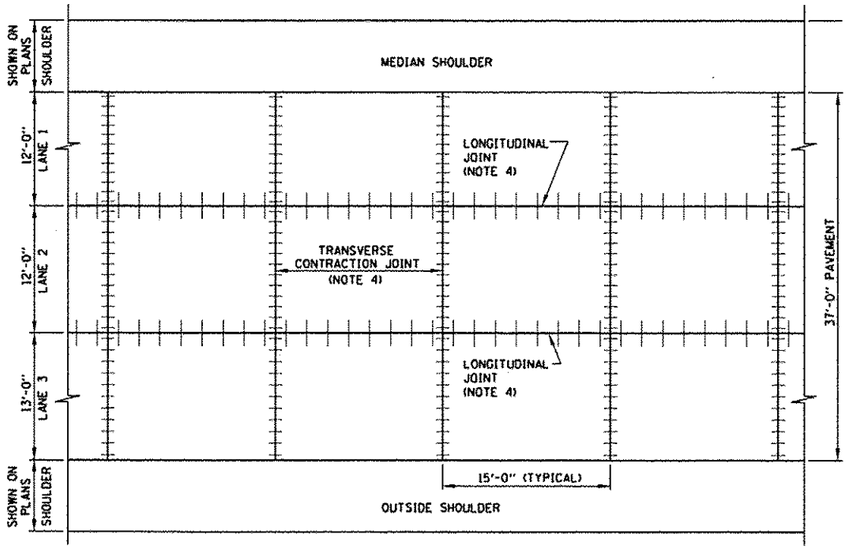
STANDARD A5-01



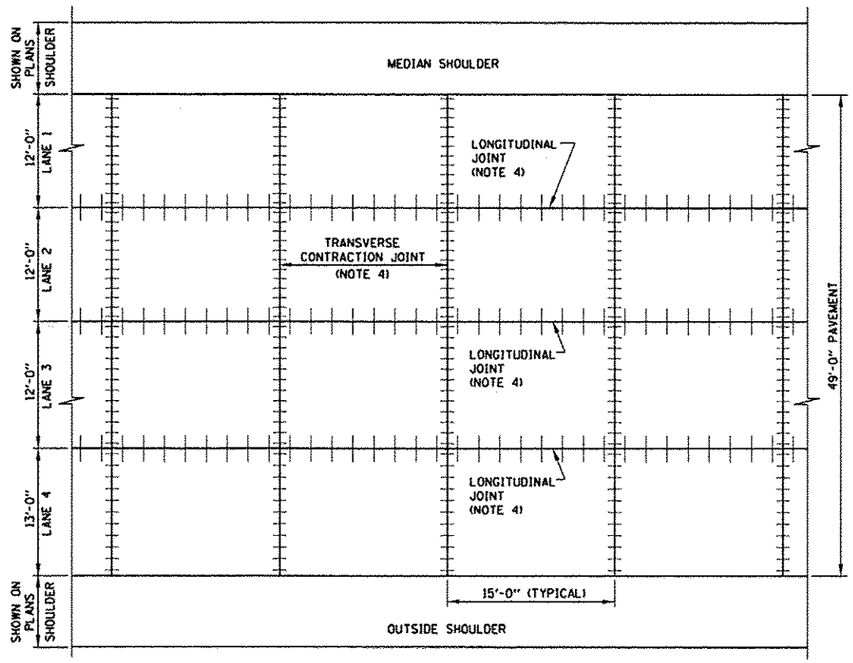
PAVEMENT CROSS - SECTION (4 LANES)



PAVEMENT CROSS - SECTION (3 LANES)



PAVEMENT PLAN
3 - LANE SECTION



PAVEMENT PLAN
4 - LANE SECTION

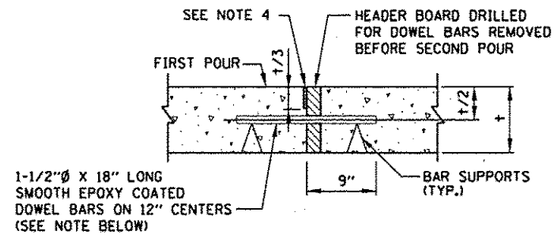
SEE SHEET 1 (OF 1) IN THIS SERIES FOR GENERAL NOTES.

Paul Kovacs
APPROVED ..... CHIEF ENGINEER
DATE 5-1-2009

Illinois Tollway
Open Roads for a Faster Future

J.P.C. PAVEMENT
12" OR LESS

STANDARD A5-01



NOTE: FOR 13" PAVEMENT USE THE FOLLOWING
1-1/2"Ø X 18" LONG ON 9" CENTERS OR
1-3/4"Ø X 18" LONG ON 12" CENTERS

TRANSVERSE CONSTRUCTION JOINT
(JOINTED PLAIN CONCRETE PAVEMENT)

GENERAL NOTES

1. DOWEL BAR CAPS SHALL BE PLACED ON OPPOSITE END OF ADJACENT DOWEL BARS.
2. ALL DIMENSIONS ARE IN INCHES UNLESS OTHERWISE SHOWN.
3. t = PAVEMENT THICKNESS
4. A ⅛" SAW CUT SHALL BE PROVIDED FOR PAVEMENT CRACK CONTROL.

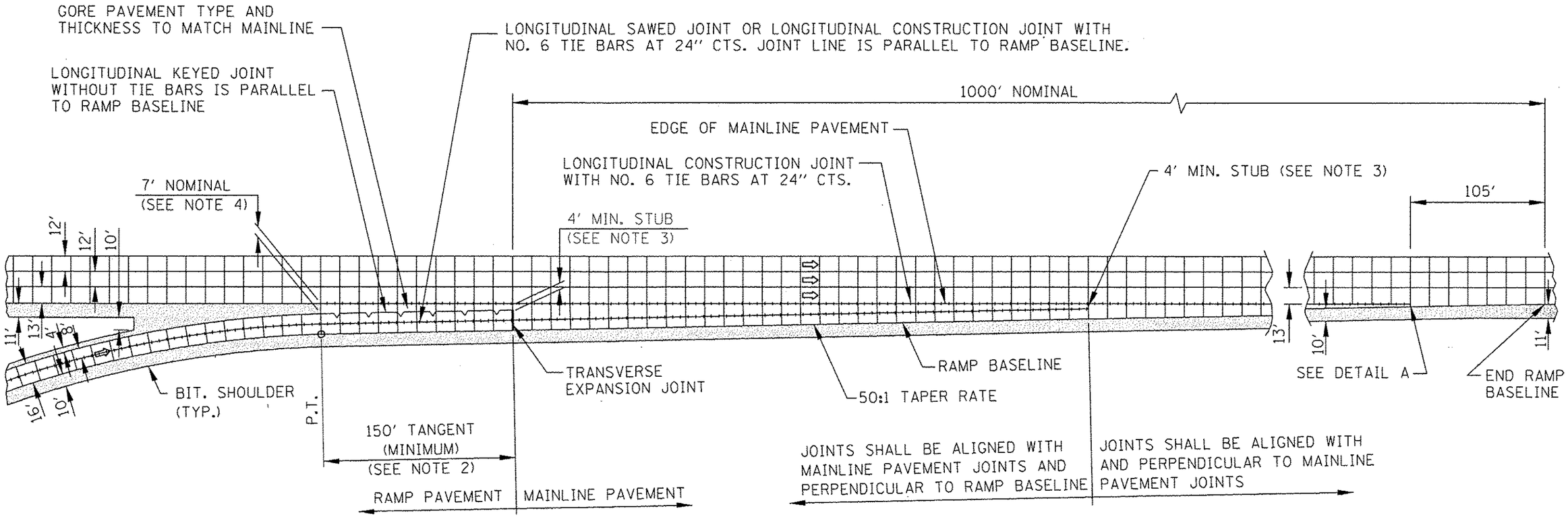
Illinois Tollway
Open Roads for a Faster Future

DATE	REVISIONS
5-1-2009	MODIFIED JOINT DETAIL, REVISED NOTES

PAVEMENT JOINTS

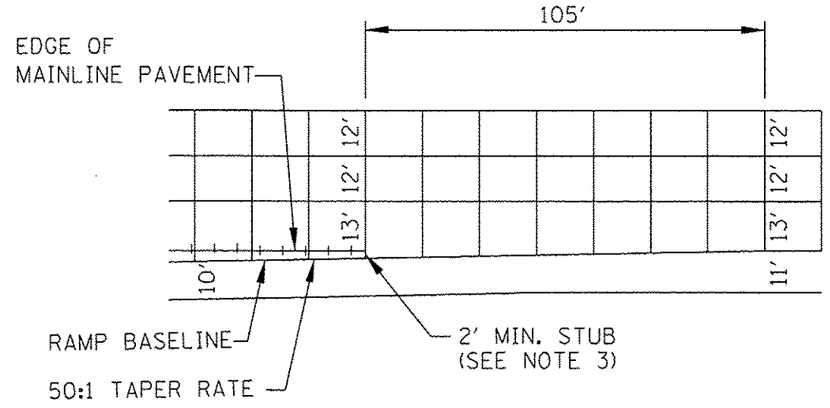
STANDARD A7-01

Paul Kovacs
APPROVED ..... CHIEF ENGINEER
DATE 5-1-2009



NOTES:

1. ALL PAVEMENT JOINTS SHALL BE DETAILED AS SHOWN ON I.D.O.T. HWY. STANDARD 420001, EXCEPT EXPANSION JOINT SEALS SHALL BE AS DESCRIBED IN THE SPECIAL PROVISION, BONDED PREFORMED JOINT SEALER.
2. THE THICKNESS OF THE JOINTED RAMP PAVEMENT IN THE TANGENT AREA SHALL MATCH THE MAINLINE PAVEMENT. THE EXTRA THICKNESS OF PAVEMENT SHALL BE INCLUDED IN THE PRICE FOR THE RAMP PAVEMENT.
3. STUBS SHALL BE THE MINIMUM DIMENSION AS SHOWN AND ALIGNED WITH A MAINLINE TRANSVERSE JOINT.
4. 7' NOSE LOCATION SHALL BE ADJUSTED TO BE ALIGNED WITH A MAINLINE TRANSVERSE JOINT.
5. TYPICAL PCC PAVEMENT JOINT SPACING SHALL BE 15'.
6. AS ADDITIONAL RAMP LANES ARE ADDED, THE MAXIMUM JOINT SPACING SHALL BE 15' LONG BY 15' WIDE. TYPICAL SPACING IS 15' LONG BY 12' WIDE. LONGITUDINAL JOINT LOCATION IN THE WHEEL PATH SHALL BE MINIMIZED.



DETAIL A

CONTRACT 60I31 SHEET 881 OF 963
SHEET 1 OF 2

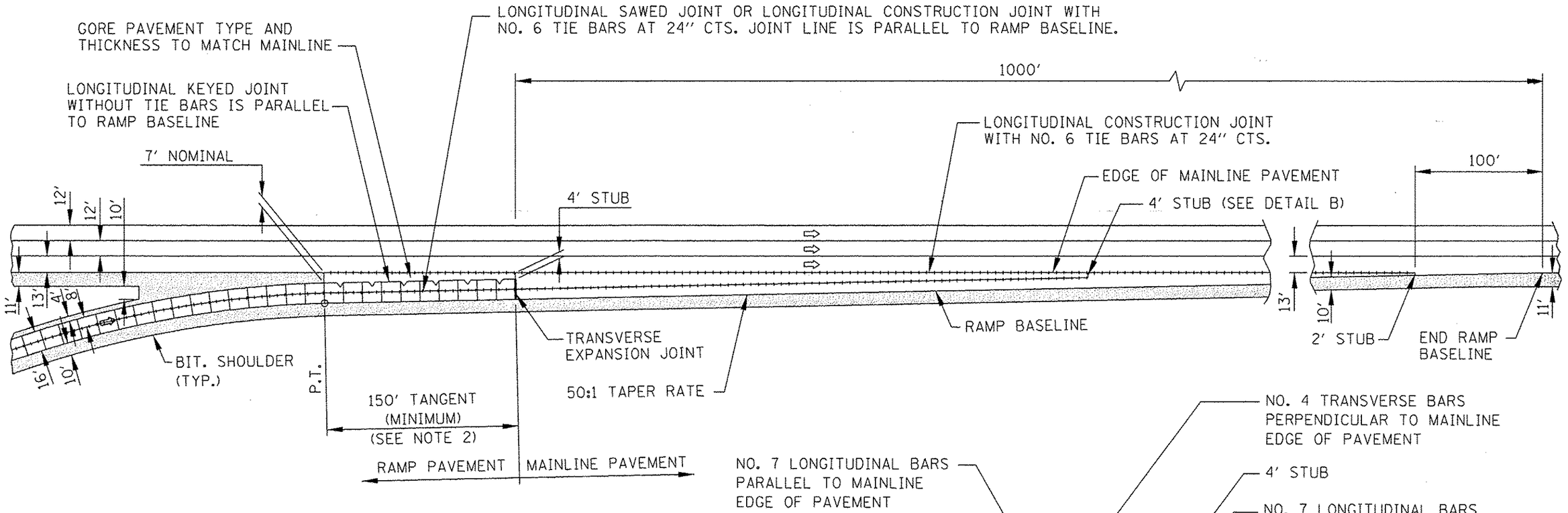
APPROVED Jeff Mosley CHIEF ENGINEER DATE 10-15-2007

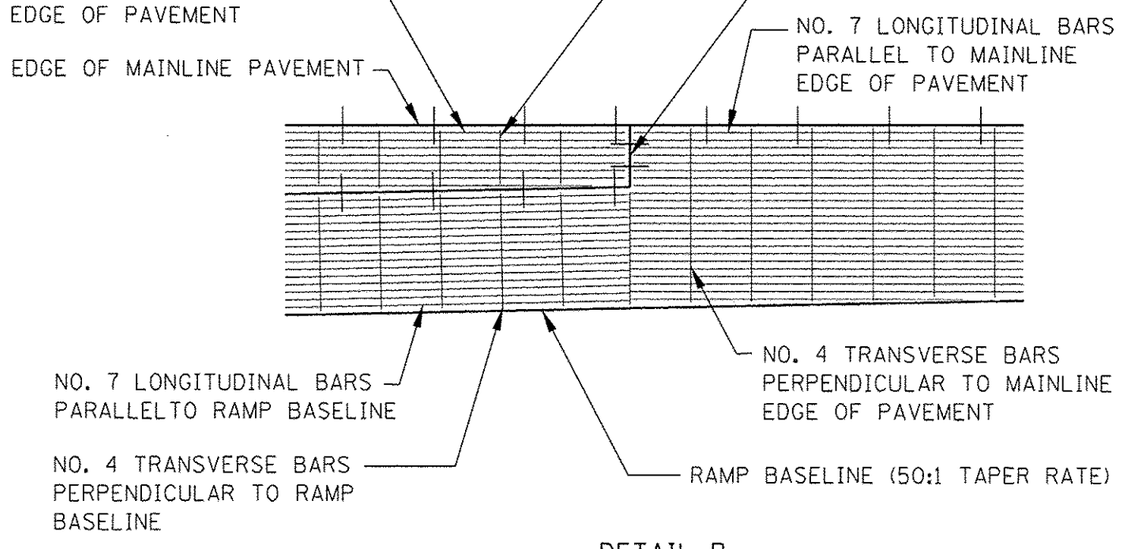
Illinois Tollway
Open Roads for a Faster Future

DATE	REVISIONS

JOINTING PLAN
ENTRANCE RAMP TERMINAL
(JOINTED PCC RAMP PAVEMENT ADJACENT TO JOINTED PCC MAINLINE PAVEMENT)

STANDARD A14-00





DETAIL B

NOTES:

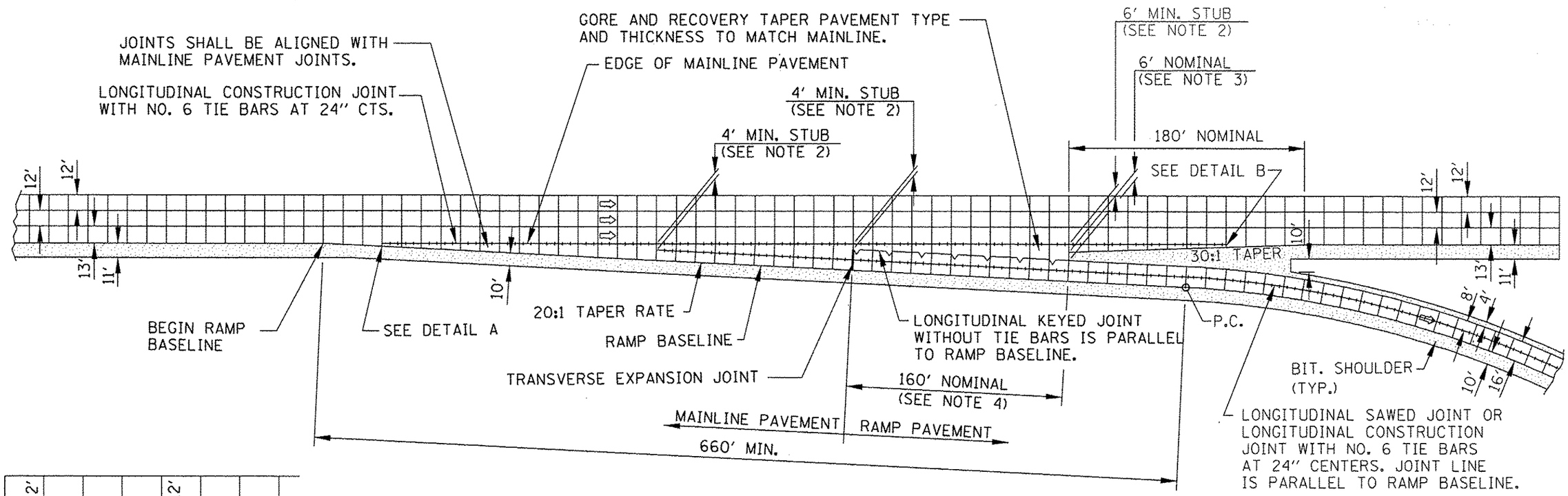
1. ALL PAVEMENT JOINTS SHALL BE DETAILED AS SHOWN ON I.D.O.T. HWY. STANDARD 420001, EXCEPT EXPANSION JOINT SEALS SHALL BE AS DESCRIBED IN THE SPECIAL PROVISION, BONDED PREFORMED JOINT SEALER.
2. THE THICKNESS OF THE JOINTED RAMP PAVEMENT IN THE TANGENT AREA SHALL MATCH THE MAINLINE PAVEMENT. THE EXTRA THICKNESS OF PAVEMENT SHALL BE INCLUDED IN THE PRICE FOR THE RAMP PAVEMENT.
3. SEE STANDARD A12 (BAR REINFORCEMENT FOR CRC PAVEMENT) FOR DETAILS OF PAVEMENT REINFORCEMENT.
4. TYPICAL PCC PAVEMENT JOINT SPACING SHALL BE 15 FEET.
5. AS ADDITIONAL RAMP LANES ARE ADDED, THE MAXIMUM JOINT SPACING SHALL BE 15' LONG BY 15' WIDE. TYPICAL JOINT SPACING IS 15' LONG BY 12' WIDE. LONGITUDINAL JOINT LOCATIONS IN THE WHEEL PATH SHALL BE MINIMIZED.

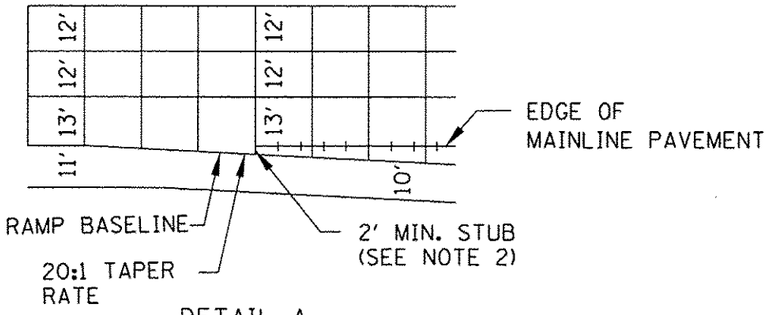
APPROVED Jeff Haley CHIEF ENGINEER DATE 10-15-2007

Illinois Tollway
Open Roads for a Faster Future

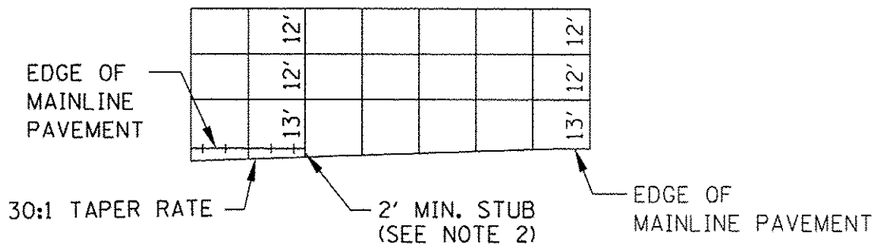
JOINTING PLAN
ENTRANCE RAMP TERMINAL
(JOINTED PCC RAMP PAVEMENT ADJACENT TO JOINTED CRC MAINLINE PAVEMENT)

STANDARD A14-00





DETAIL A



DETAIL B

NOTES:

1. ALL PAVEMENT JOINTS SHALL BE DETAILED AS SHOWN ON I.D.O.T. HWY. STANDARD 420001, EXCEPT EXPANSION JOINT SEALS SHALL BE AS DESCRIBED IN THE SPECIAL PROVISION, BONDED PREFORMED JOINT SEALER.
2. STUBS SHALL BE THE MINIMUM DIMENSION AS SHOWN AND ALIGNED WITH A MAINLINE TRANSVERSE JOINT.
3. 6-FOOT NOSE LOCATION SHALL BE ADJUSTED TO BE ALIGNED WITH A MAINLINE TRANSVERSE JOINT.
4. THE THICKNESS OF THE JOINTED RAMP PAVEMENT IN THE TANGENT AREA SHALL MATCH THE MAINLINE PAVEMENT. THE EXTRA THICKNESS OF PAVEMENT SHALL BE INCLUDED IN THE PRICE FOR THE RAMP PAVEMENT.
5. TYPICAL PCC PAVEMENT JOINT SPACING SHALL BE 15 FEET.
6. AS ADDITIONAL RAMP LANES ARE ADDED, THE MAXIMUM JOINT SPACING SHALL BE 15' LONG BY 15' WIDE. TYPICAL SPACING IS 15' LONG BY 12' WIDE. LONGITUDINAL JOINT LOCATIONS IN THE WHEEL PATH SHALL BE MINIMIZED.

APPROVED Jeff Haley CHIEF ENGINEER DATE 10-15-2007

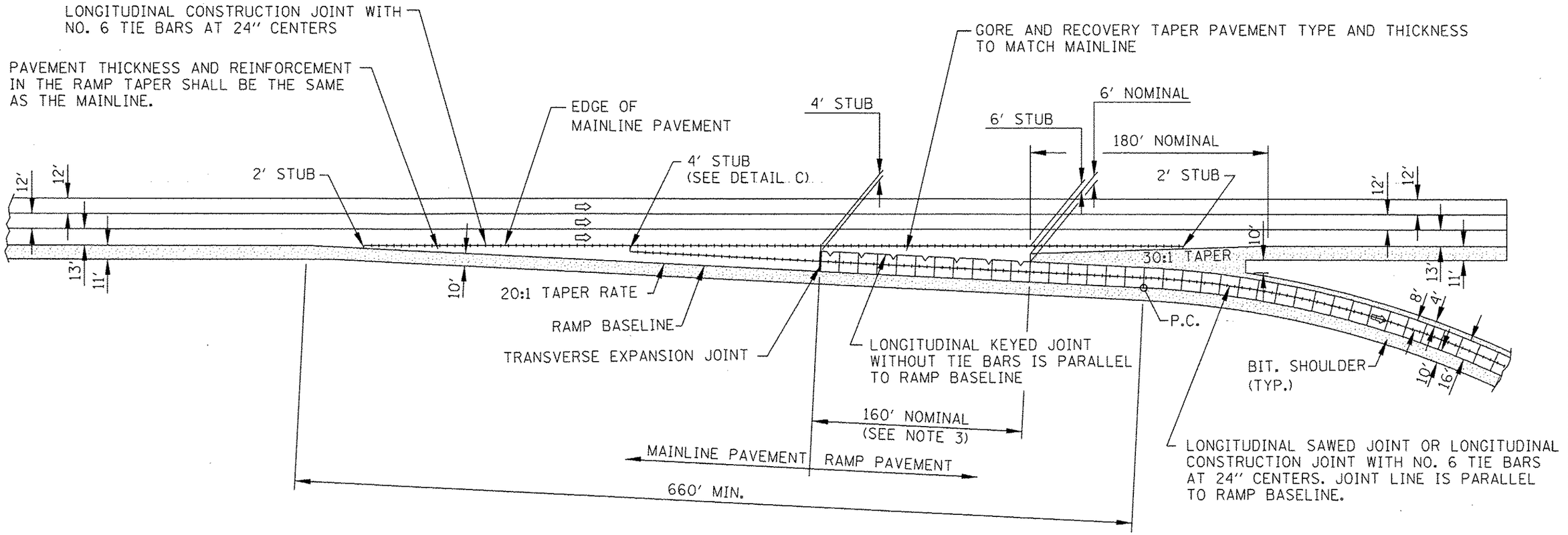
CONTRACT 60I31 SHEET 883 OF 963
SHEET 1 OF 2

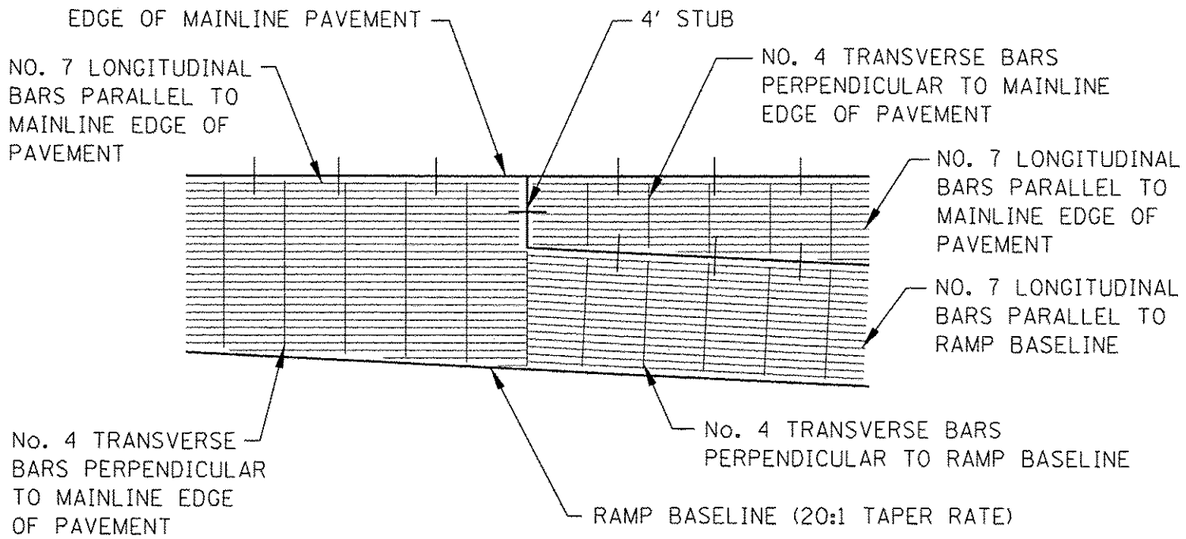
Illinois Tollway
Open Roads for a Faster Future

DATE	REVISIONS

JOINTING PLAN
EXIT RAMP TERMINAL
(JOINTED PCC RAMP PAVEMENT ADJACENT TO JOINTED PCC MAINLINE PAVEMENT)

STANDARD A15-00





DETAIL C

NOTES:

1. ALL PAVEMENT JOINTS SHALL BE DETAILED AS SHOWN ON I.D.O.T. HWY. STANDARD 420001, EXCEPT EXPANSION JOINT SEALS SHALL BE AS DESCRIBED IN THE SPECIAL PROVISION, BONDED PREFORMED JOINT SEALER.
2. SEE STANDARD A12 (BAR REINFORCEMENT FOR CRC PAVEMENT) FOR DETAILS OF PAVEMENT REINFORCEMENT.
3. THE THICKNESS OF THE JOINTED RAMP PAVEMENT IN THE TANGENT AREA SHALL MATCH THE MAINLINE PAVEMENT. THE EXTRA THICKNESS OF PAVEMENT SHALL BE INCLUDED IN THE PRICE FOR THE RAMP PAVEMENT.
4. TYPICAL PCC PAVEMENT JOINT SPACING SHALL BE 15 FEET.
5. AS ADDITIONAL RAMP LANES ARE ADDED, THE MAXIMUM JOINT SPACING SHALL BE 15' LONG BY 15' WIDE. TYPICAL JOINT SPACING IS 15' LONG BY 12' WIDE. LONGITUDINAL JOINT LOCATIONS IN THE WHEEL PATH SHALL BE MINIMIZED.

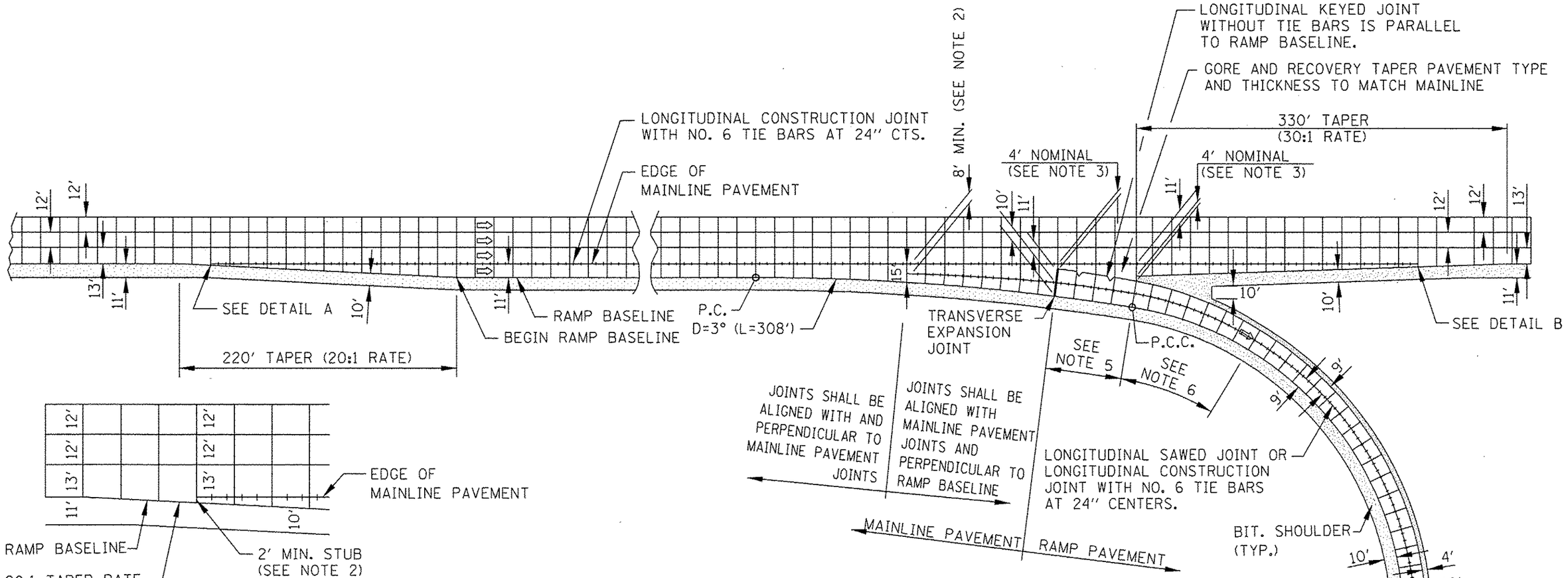
APPROVED Jeff Mosley CHIEF ENGINEER DATE 10-15-2007

CONTRACT 60I31 SHEET 884 OF 963
SHEET 2 OF 2

Illinois Tollway
Open Roads for a Faster Future

JOINTING PLAN
EXIT RAMP TERMINAL
(JOINTED PCC RAMP PAVEMENT ADJACENT TO CRC MAINLINE PAVEMENT)

STANDARD A15-00



NOTES:

1. ALL PAVEMENT JOINTS SHALL BE DETAILED AS SHOWN ON I.D.O.T. HWY. STANDARD 420001, EXCEPT EXPANSION JOINT SEALS SHALL BE AS DESCRIBED IN THE SPECIAL PROVISION, BONDED PREFORMED JOINT SEALER.
2. STUBS SHALL BE THE MINIMUM DIMENSION AS SHOWN AND ALIGNED WITH A MAINLINE TRANSVERSE JOINT.
3. 4-FOOT NOSE LOCATION SHALL BE ADJUSTED TO BE ALIGNED WITH A MAINLINE TRANSVERSE JOINT.
4. TYPICAL PCC PAVEMENT JOINT SPACING SHALL BE 15 FEET.
5. THE THICKNESS OF THE JOINTED RAMP PAVEMENT SHALL MATCH THE MAINLINE PAVEMENT. THE EXTRA THICKNESS OF PAVEMENT SHALL BE INCLUDED IN THE PRICE FOR THE RAMP PAVEMENT.
6. RAMP NARROWS FROM 21' TO 18'. LONGITUDINAL JOINT SHALL TRANSITION FROM 10' FROM THE RAMP BASELINE TO 9' FROM THE RAMP BASELINE.
7. AS ADDITIONAL RAMP LANES ARE ADDED, THE MAXIMUM JOINT SPACING SHALL BE 15' LONG BY 15' WIDE. TYPICAL JOINT SPACING IS 15' LONG BY 12' WIDE. LONGITUDINAL JOINT LOCATIONS IN THE WHEEL PATH SHALL BE MINIMIZED.

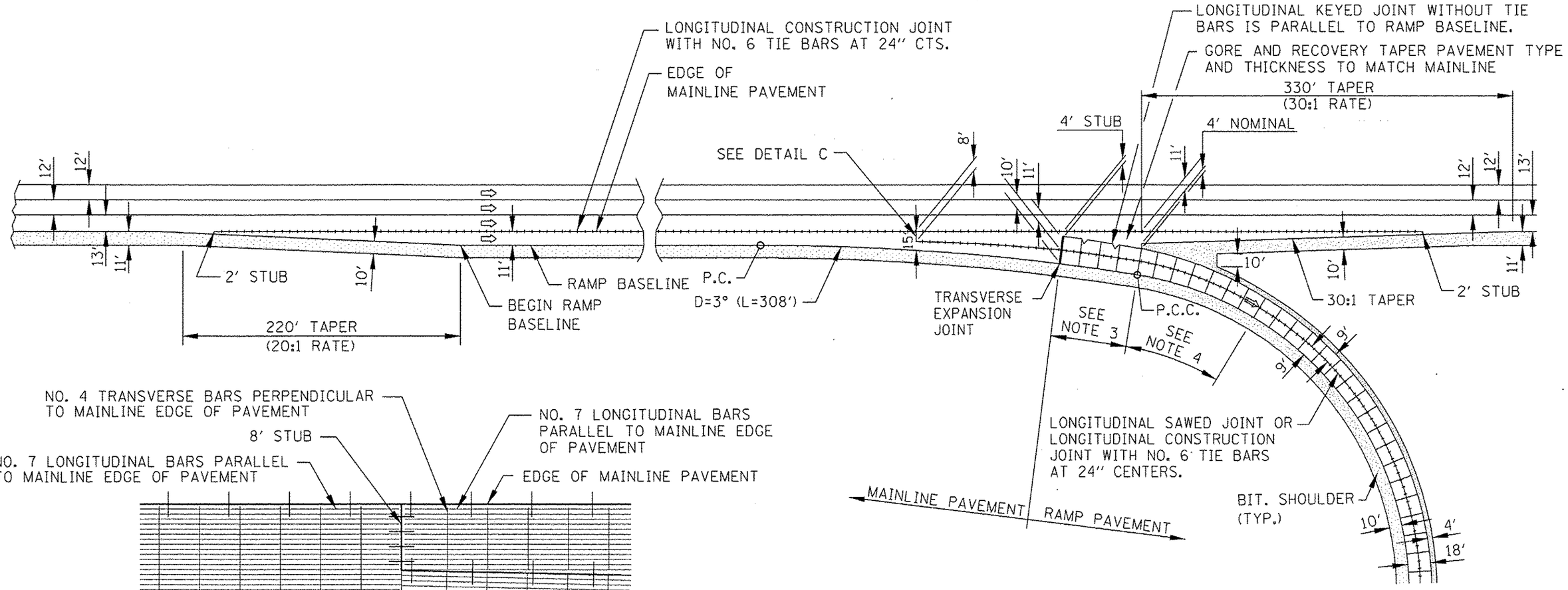
APPROVED Jeff Daley CHIEF ENGINEER DATE 10-15-2007

Illinois Tollway
Open Roads for a Faster Future

DATE	REVISIONS

JOINTING PLAN
PARALLEL EXIT RAMP TERMINAL
(JOINTED PCC RAMP PAVEMENT ADJACENT TO JOINTED PCC MAINLINE PAVEMENT)

STANDARD A16-00



DETAIL C

NOTES:

1. ALL PAVEMENT JOINTS SHALL BE DETAILED AS SHOWN ON I.D.O.T. HWY. STANDARD 420001, EXCEPT EXPANSION JOINT SEALS SHALL BE AS DESCRIBED IN THE SPECIAL PROVISION, BONDED PREFORMED JOINT SEALER.
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4. RAMP NARROWS FROM 21' TO 18'. LONGITUDINAL JOINT SHALL TRANSITION FROM 10' FROM THE RAMP BASELINE TO 9' FROM THE RAMP BASELINE.
5. AS ADDITIONAL RAMP LANES ARE ADDED, THE MAXIMUM JOINT SPACING SHALL BE 15' LONG BY 15' WIDE. TYPICAL JOINT SPACING IS 15' LONG BY 12' WIDE. LONGITUDINAL JOINT LOCATIONS IN THE WHEEL PATH SHALL BE MINIMIZED.

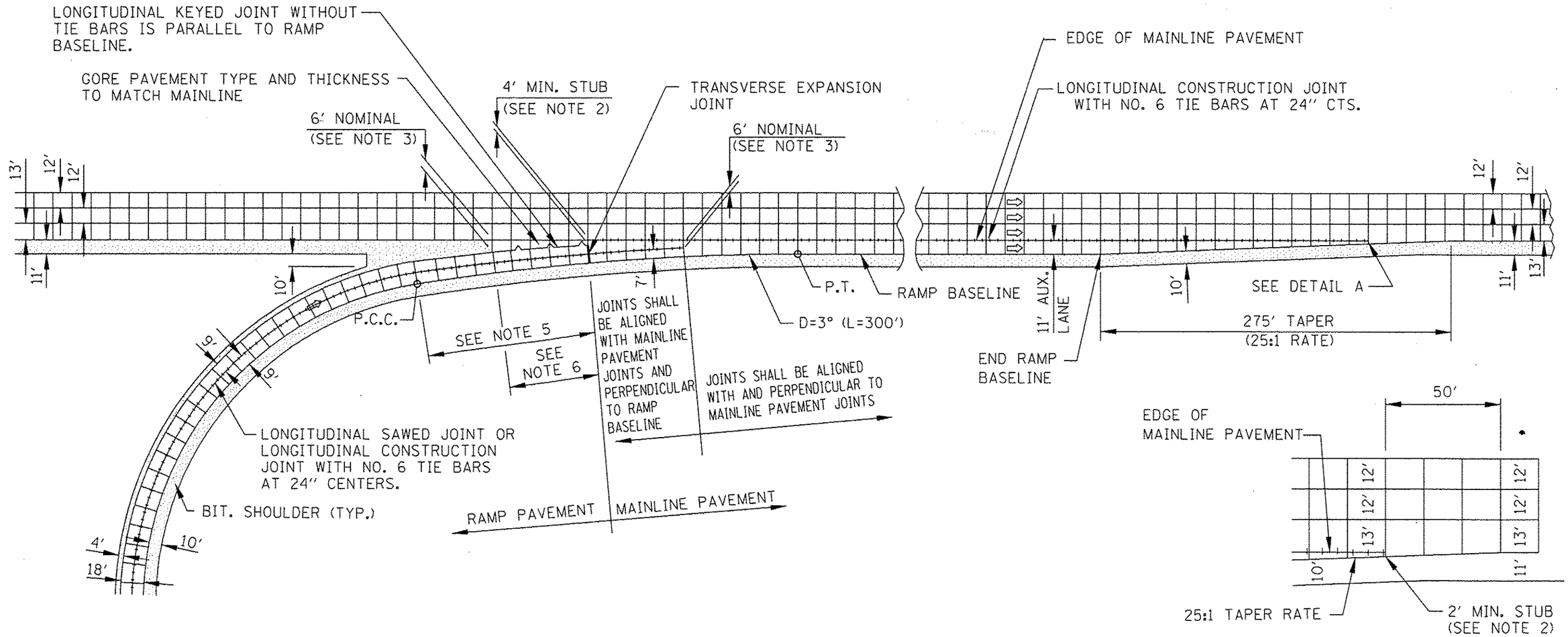
APPROVED Jeff Daley CHIEF ENGINEER DATE 10-15-2007

CONTRACT 60I31 SHEET 886 OF 963
SHEET 2 OF 2

Illinois Tollway
Open Roads for a Faster Future

JOINTING PLAN
PARALLEL EXIT RAMP TERMINAL
(JOINTED PCC RAMP PAVEMENT ADJACENT TO CRC MAINLINE PAVEMENT)

STANDARD A16-00



DETAIL A

NOTES:

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2. STUBS SHALL BE THE MINIMUM DIMENSION AS SHOWN AND ALIGNED WITH A MAINLINE TRANSVERSE JOINT.
3. 6-FOOT NOSE LOCATION SHALL BE ADJUSTED TO BE ALIGNED WITH A MAINLINE TRANSVERSE JOINT.
4. TYPICAL PCC PAVEMENT JOINT SPACING SHALL BE 15 FEET.
5. RAMP TAPERS FROM 18' TO 14'. LONGITUDINAL JOINT SHALL BE 9' FROM THE RAMP BASELINE AT THE PCC AND TRANSITION TO BE 7' FROM THE RAMP BASELINE AT THE EXPANSION JOINT.
6. THE THICKNESS OF THE JOINTED RAMP PAVEMENT SHALL MATCH THE MAINLINE PAVEMENT. THE EXTRA THICKNESS OF PAVEMENT SHALL BE INCLUDED IN THE PRICE FOR THE RAMP PAVEMENT.
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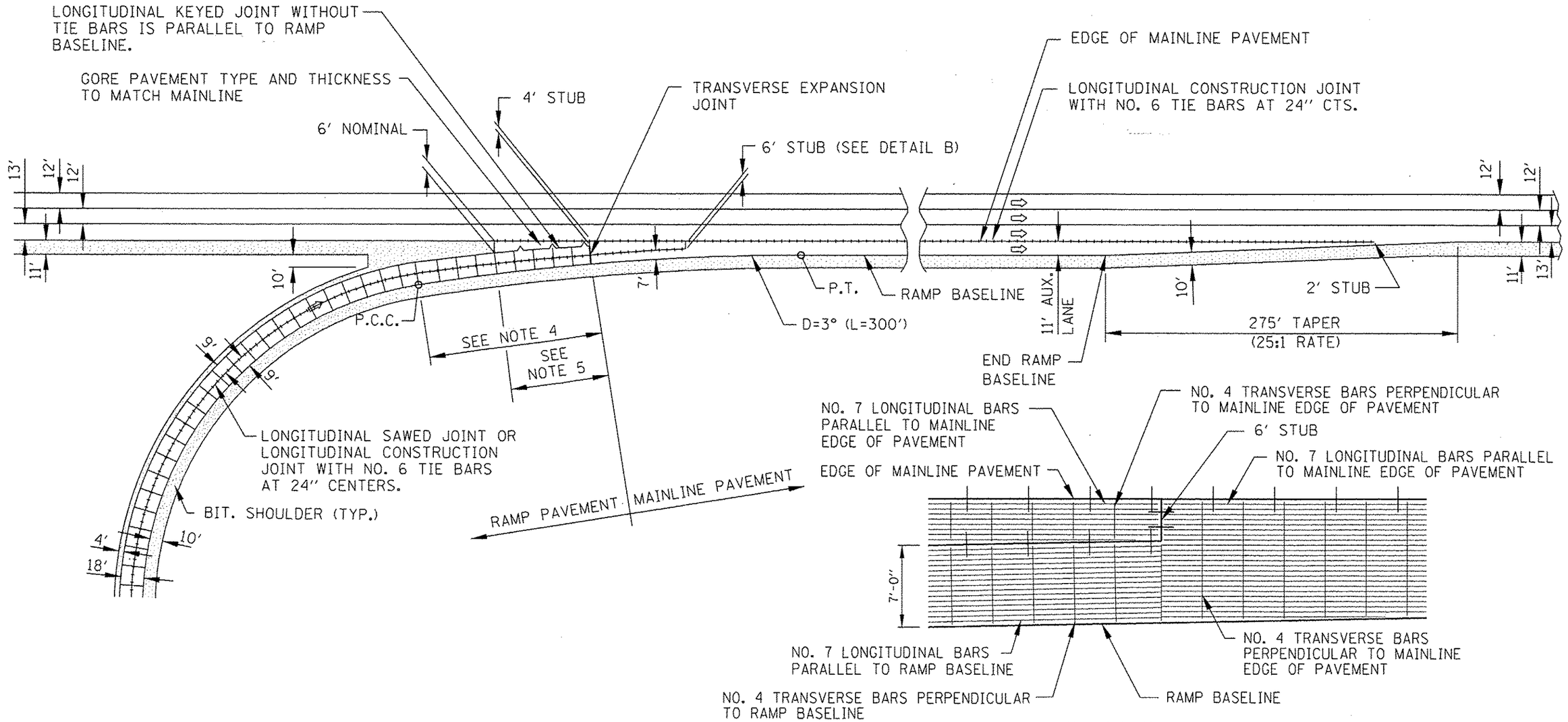
APPROVED Jeff Haley CHIEF ENGINEER DATE 10-15-2007

Illinois Tollway
Open Roads for a Faster Future

DATE	REVISIONS

JOINTING PLAN PARALLEL ENTRANCE RAMP TERMINAL
(JOINTED PCC RAMP PAVEMENT ADJACENT TO JOINTED PCC MAINLINE PAVEMENT)

STANDARD A17-00



DETAIL B

NOTES:

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2. SEE STANDARD A12 (BAR REINFORCEMENT FOR CRC PAVEMENT) FOR DETAILS OF PAVEMENT REINFORCEMENT.
3. TYPICAL PCC PAVEMENT JOINT SPACING SHALL BE 15 FEET.
4. RAMP TAPERS FROM 18' TO 14'. LONGITUDINAL JOINT SHALL BE 9' FROM THE RAMP BASELINE AT THE PCC AND TRANSITION TO BE 7' FROM THE RAMP BASELINE AT THE EXPANSION JOINT.
5. THE THICKNESS OF THE JOINTED RAMP PAVEMENT SHALL MATCH THE MAINLINE PAVEMENT. THE EXTRA THICKNESS OF PAVEMENT SHALL BE INCLUDED IN THE PRICE FOR THE RAMP PAVEMENT.
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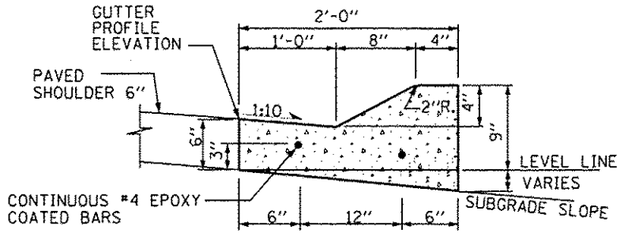
APPROVED Jeff Daley CHIEF ENGINEER DATE 10-15-2007

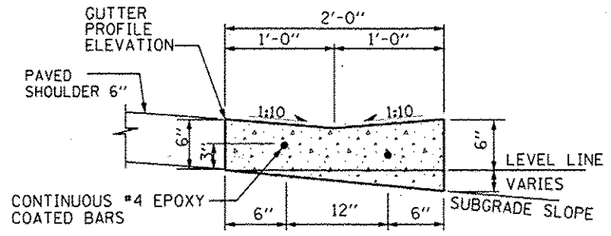
Illinois Tollway
Open Roads for a Faster Future

JOINTING PLAN PARALLEL ENTRANCE RAMP TERMINAL
(JOINTED PCC RAMP PAVEMENT ADJACENT TO CRC MAINLINE PAVEMENT)

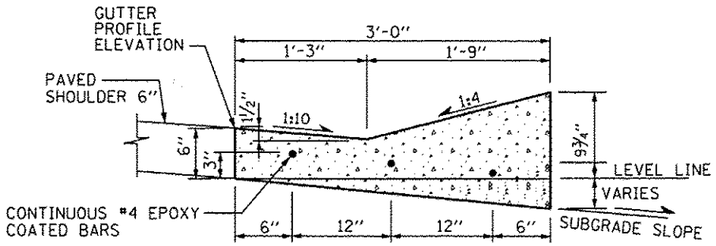
STANDARD A17-00



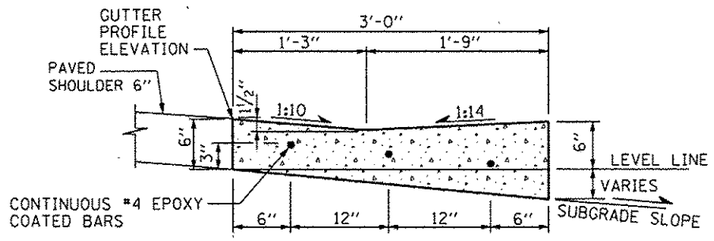
TYPE G-2 GUTTER



TYPE G-2, MODIFIED GUTTER



TYPE G-3 GUTTER



TYPE G-3, MODIFIED GUTTER

NOTES:

1. FOR TYPE C CURB TRANSITIONS, THE LEADING ENDS OF CURB IN THE DIRECTION OF TRAFFIC SHALL BEGIN FLUSH WITH ADJACENT PAVEMENT OR SHOULDER SURFACE AND TRANSITION TO FULL HEIGHT AT THE RATE OF ONE INCH VERTICAL TO ONE FOOT HORIZONTAL.

2.

GUTTER TRANSITION DETAILS	STANDARD DRAWING
TRAFFIC BARRIER TERMINAL TYPE T1 (SPECIAL)	B-28
TRAFFIC BARRIER TERMINAL TYPE T1-A (SPECIAL)	B-29
TRAFFIC BARRIER TERMINAL TYPE T5 AND T10	B-2
TRAFFIC BARRIER TERMINAL TYPE T6	B-3

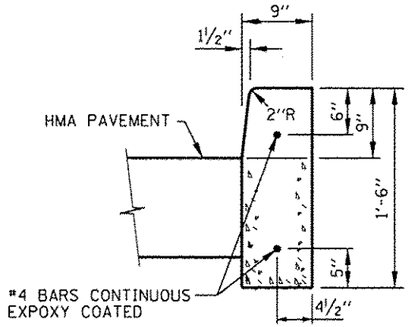
3. ALL SLOPES ARE EXPRESSED AS UNITS OF VERTICAL DISPLACEMENT TO UNITS OF HORIZONTAL DISPLACEMENT (V:H).

4. REINFORCEMENT STEEL SHALL BE ACCURATELY PLACED AND FIRMLY HELD IN THE POSITION SPECIFIED USING EPOXY COATED STEEL CHAIRS. CHAIR SPACING SHALL NOT EXCEED. 4'-0".

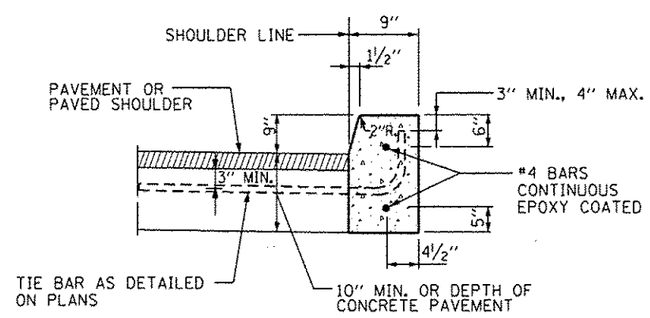
5. GUTTER REINFORCEMENT SHALL BE PLACED 3" ABOVE BOTTOM OF GUTTER FOLLOWING THE SUBGRADE SLOPE.

6. OTHER GUTTER AND CURB TRANSITION DETAILS WILL BE SHOWN ON THE PLANS.

7. CONTINUOUS #4 BARS SHALL BE LAPPED A MINIMUM OF 2'-0" IN ACCORDANCE WITH THE LATEST IDOT-BRIDGE MANUAL.



ADJACENT TO FLEXIBLE PAVEMENT



ADJACENT TO PCC PAVEMENT

TYPE "C" CURB

(RAMP TOLL PLAZAS ONLY)

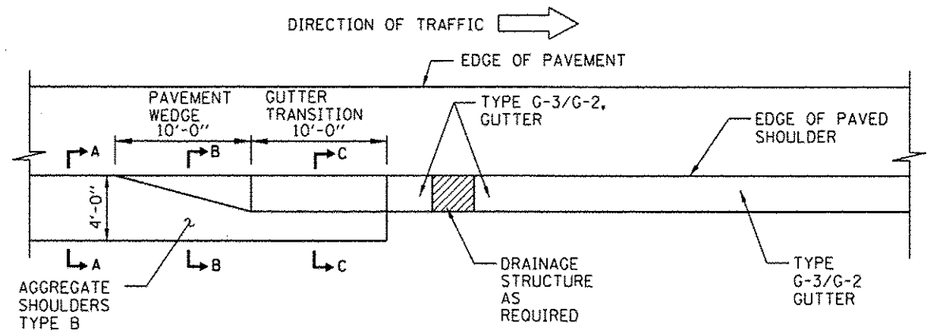
Paul Kovacs
APPROVED ..... CHIEF ENGINEER ..... DATE 2-7-2012

DATE	REVISIONS
3-1-2010	ADDED G-2 MODIFIED GUTTER AND GUTTER TRANSITION TERMINATION
1-1-2011	ADDED TYPE "C" CURB ADJACENT TO FLEXIBLE PAVEMENT, ADDED GUTTER EXPANSION/CRACK CONTROL JOINT, REVISED NOTES.
2-7-2012	REVISED NOTES

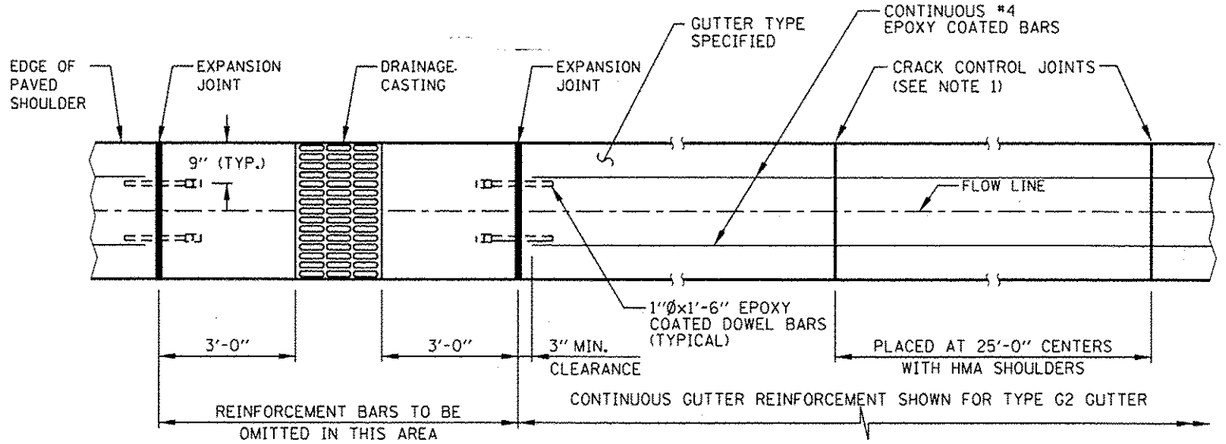
Illinois Tollway
Open Roads for a Faster Future

GUTTER AND CURB DETAILS

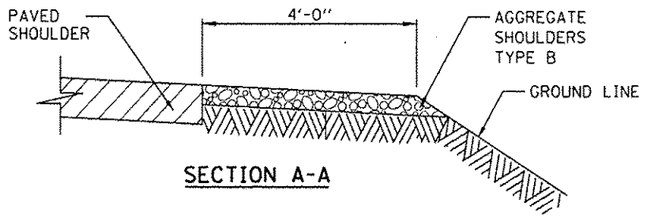
STANDARD B1-04



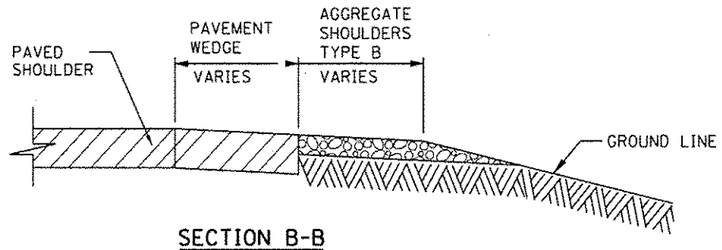
GUTTER TRANSITION TERMINATION



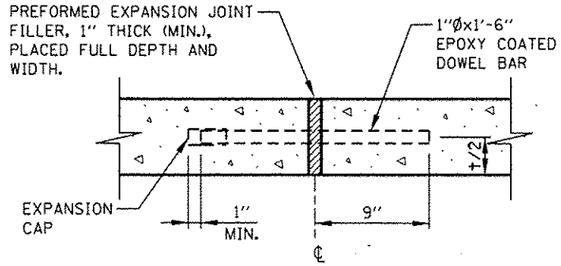
GUTTER PLAN



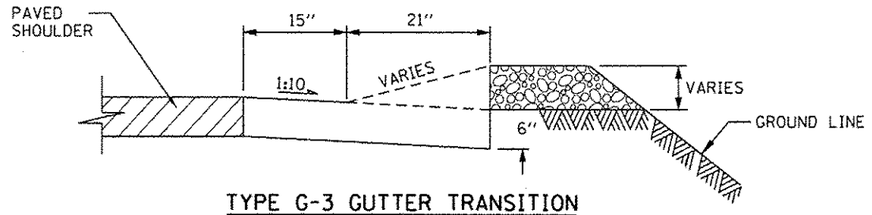
SECTION A-A



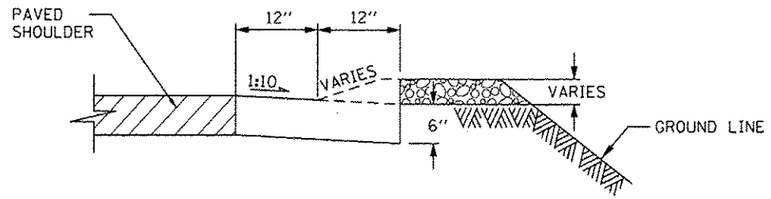
SECTION B-B
HMA SHOULDER TRANSITION



EXPANSION JOINT

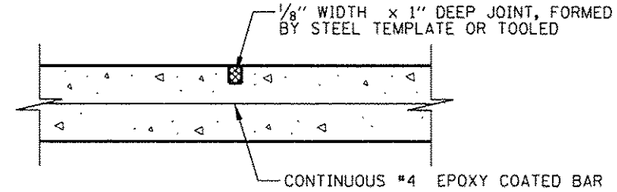


TYPE G-3 GUTTER TRANSITION



TYPE G-2 GUTTER TRANSITION

SECTION C-C



CRACK CONTROL JOINT

EXPANSION-CRACK CONTROL JOINTS
TYPE G-3/G-2 GUTTER

CONTRACT 60I31 SHEET 890 OF 963
SHEET 2 OF 2

NOTES:

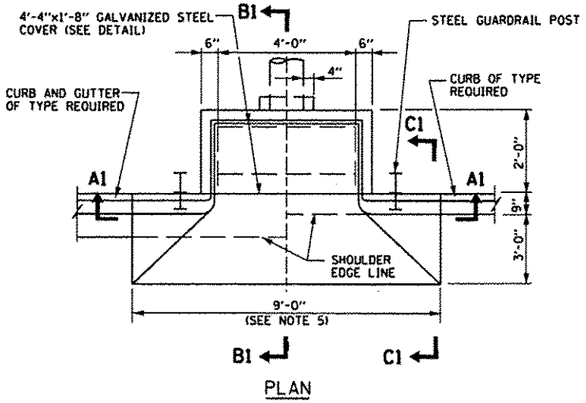
1. GUTTER CRACK CONTROL JOINTS TO ALIGN IN PROLONGATION WITH PCC SHOULDER JOINTS WHERE EXISTING.
2. SEE SHEET 1 OF THIS SERIES FOR NOTES.

Paul Kovacs
APPROVED..... CHIEF ENGINEER DATE 2-7-2012

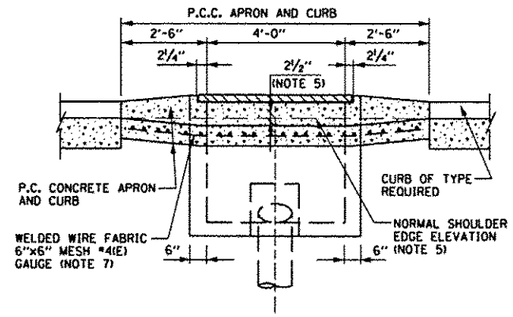
Illinois Tollway
Open Roads for a Faster Future

GUTTER AND CURB DETAILS

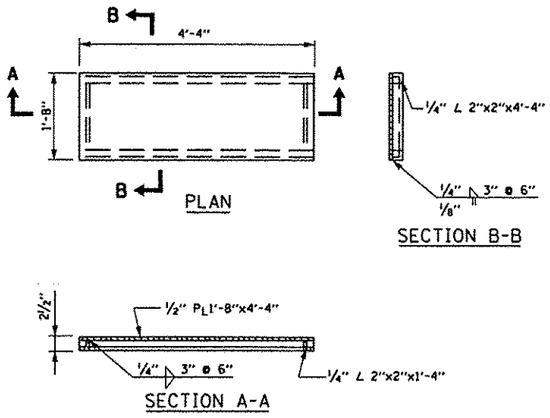
STANDARD B1-04



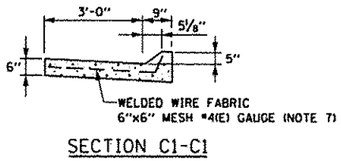
PLAN



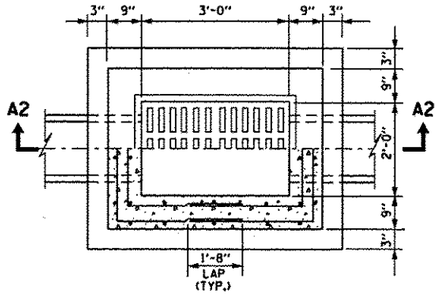
SECTION A1-A1



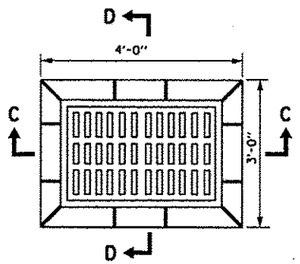
GALVANIZED STEEL COVER DETAIL

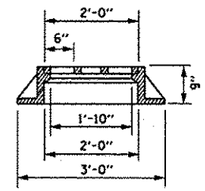


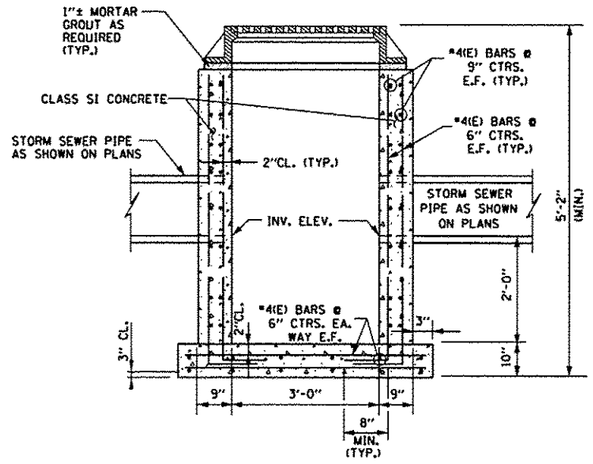
SECTION C1-C1



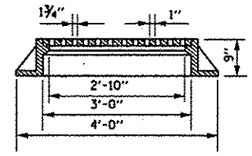
HALF PLAN



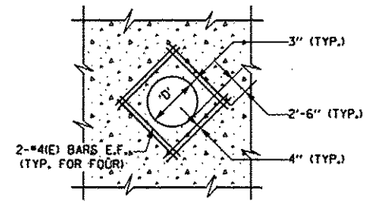




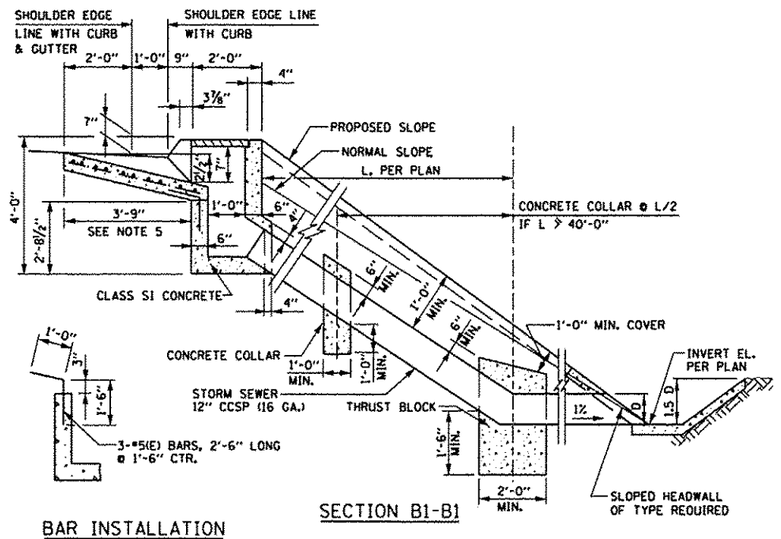
SECTION A2-A2



FRAME AND GRATE DETAIL



TYPICAL REINFORCEMENT AROUND STORM SEWER PIPE



BAR INSTALLATION DETAIL

SECTION B1-B1

SLOPE DRAIN INLET

NOTES FOR SLOPE DRAIN INLET:

1. THE LOCATION OF THE SLOPE DRAIN INLET SHALL BE AS SHOWN ON THE PLANS OR AS DIRECTED BY THE ENGINEER. THE INLET MUST BE LOCATED IN THE FIELD TO CLEAR THE POST SPACING OF EXISTING OR PROPOSED GUARDRAIL. WHERE CONDITIONS REQUIRE THAT THE SLOPE DRAIN INLET BE LOCATED ADJACENT TO A GUARDRAIL ANCHOR INSTALLATION, THE SLOPED DRAIN INLET MUST BE CONSTRUCTED OUTSIDE THE LIMIT OF THE ANCHOR INSTALLATION.
2. INLET CONSTRUCTION EXCLUSIVE OF P.C.C. APRON SHALL BE COMPLETED PRIOR TO SHOULDER OVERLAY. CONSTRUCTION OF P.C.C. APRON SHALL FOLLOW SHOULDER OVERLAY.
3. THE MATERIALS AND CONSTRUCTION OF THE INLET SHALL CONFORM TO THE APPLICABLE PORTIONS OF THE STANDARD SPECIFICATIONS AND THE SPECIAL PROVISIONS.
4. THE CONCRETE CURB WITHIN THE P.C.C. APRON WILL TRANSITION TO MATCH THE SHAPE OF ABUTTING CURBS.
5. INCREASE NORMAL SHOULDER SLOPE WITHIN LIMITS OF P.C.C. APRON AND SHAPE TO DRAIN INTO INLET OPENING. THE INLET OPENING SHALL BE 2½" BELOW THE NORMAL SHOULDER EDGE ELEVATION.
6. GALVANIZED STEEL COVER PLATE SHALL CONFORM TO THE REQUIREMENTS OF THE STANDARD SPECIFICATIONS. GALVANIZING SHALL BE IN ACCORDANCE WITH ASTM A123 (AASHTO M111).
7. EXPANDED METAL FABRIC OF EQUAL STRENGTH MAY BE USED IN LIEU OF WELDED WIRE FABRIC SUBJECT TO ENGINEER'S APPROVAL.
8. PRECAST CONCRETE UNITS FOR SLOPE DRAIN INLET WILL BE ACCEPTABLE PROVIDED THEY MEET ALL THE REQUIREMENTS SHOWN ON THIS DRAWING. FABRICATION DRAWINGS SHOWING PIPE OPENINGS, REINFORCEMENT AND OTHER PERTINENT DIMENSIONS WILL BE REQUIRED FOR EACH UNIT, FOR APPROVAL BY THE ENGINEER PRIOR TO FABRICATION.
9. REINFORCEMENT BARS AND WELDED WIRE FABRIC DESIGNATED (E) SHALL BE EPOXY COATED.

CATCH BASIN TYPE B

NOTES FOR CATCH BASIN TYPE B:

1. THE LOCATION OF THE CATCH BASIN SHALL BE AS SHOWN ON THE PLANS OR AS DIRECTED BY THE ENGINEER.
2. FOR MATERIALS AND CONSTRUCTION REQUIREMENTS OF THE CATCH BASIN, REFER TO THE STANDARD SPECIFICATIONS.
3. FRAME AND GRATE FOR CATCH BASIN TYPE B SHALL BE NEENAH FOUNDRY COMPANY TYPE R-3455C OR APPROVED EQUAL.
4. AT LOCATIONS WHERE EXISTING UNDERDRAINS AND/OR STORM SEWER PIPES ARE TO BE CONNECTED TO THE NEW CATCH BASIN, THE REMOVAL OF EXISTING PIPES, FURNISHING OF NEW PIPE SECTIONS OF THE SAME SIZE AND OTHER MATERIALS NECESSARY FOR THE CONNECTIONS SHALL BE INCIDENTAL TO THE COST OF CATCH BASIN TYPE B.
5. PRECAST CONCRETE UNITS FOR CATCH BASIN WILL BE ACCEPTABLE PROVIDED THEY MEET ALL THE REQUIREMENTS AS SHOWN ON THIS DRAWING. BASE EXTENSION OF 3" NOT REQUIRED FOR PRECAST UNITS. FABRICATION DRAWINGS SHOWING PIPE OPENINGS, REINFORCEMENT AND OTHER PERTINENT DIMENSIONS WILL BE REQUIRED FOR EACH UNIT, FOR APPROVAL BY THE ENGINEER PRIOR TO FABRICATION.
6. REINFORCEMENT BARS DESIGNATED (E) SHALL BE EPOXY COATED.

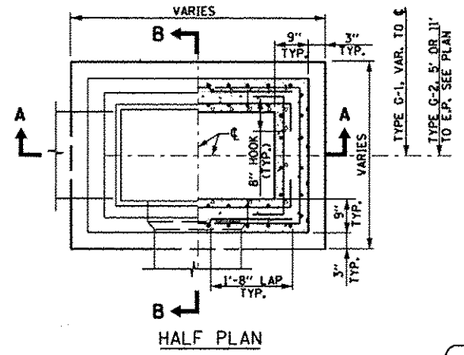
Paul Kovacs
APPROVED ..... CHIEF ENGINEER
DATE 2-7-2012

Illinois Tollway
Open Roads for a Faster Future

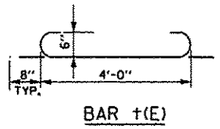
DATE	REVISIONS
2-7-2012	REVISED REINFORCEMENT BARS

CATCH BASIN TYPE B AND SLOPE DRAIN INLET

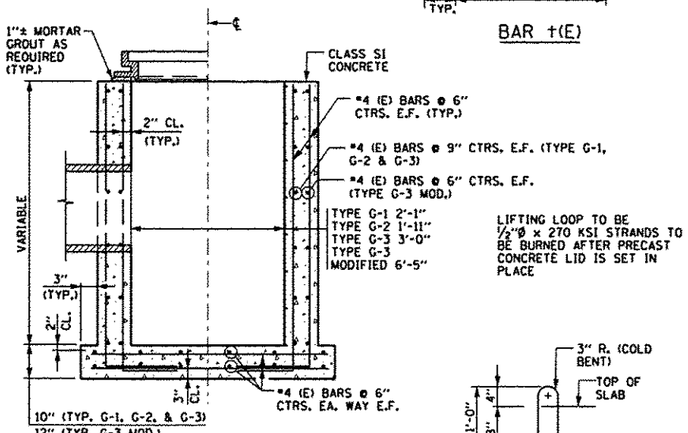
STANDARD B7-01



HALF PLAN



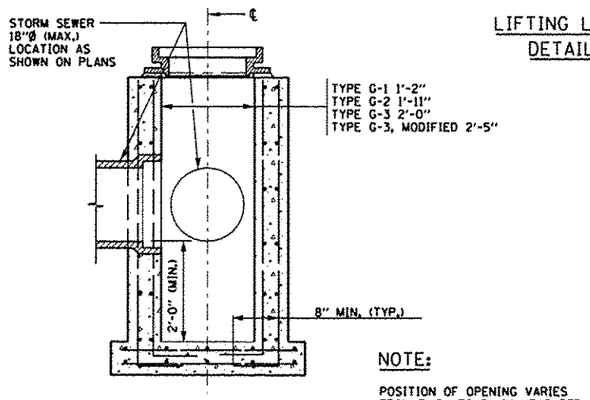
BAR †(E)



LIFTING LOOP TO BE ½"ø x 270 KSI STRANDS TO BE BURNED AFTER PRECAST CONCRETE LID IS SET IN PLACE

SECTION A-A

LIFTING LOOP DETAIL

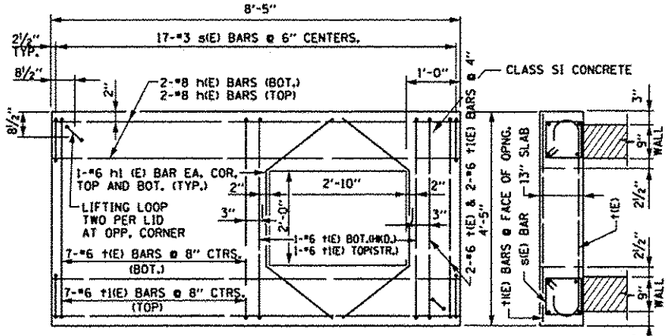


NOTE:

POSITION OF OPENING VARIES FROM 3'-2" TO 5'-4" MEASURED FROM BACK OF GUTTER LINE

SECTION B-B

CATCH BASIN TYPE "G" SERIES

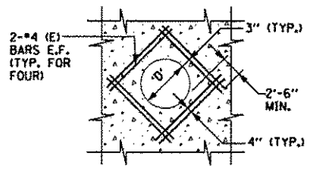


REINFORCED CONCRETE LID

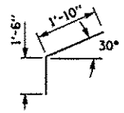
DRAINAGE STRUCTURE TYPE G-3, MODIFIED

NOTES:

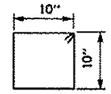
1. PRECAST CONCRETE UNITS WILL BE ACCEPTABLE PROVIDED THEY MEET ALL THE REQUIREMENTS AS SHOWN ON THIS DRAWING. BASE EXTENSION OF 3" NOT REQUIRED FOR PRECAST UNITS. FABRICATION DRAWINGS SHOWING PIPE OPENINGS, REINFORCEMENT AND OTHER PERTINENT DIMENSIONS WILL BE REQUIRED FOR EACH UNIT, FOR APPROVAL BY THE ENGINEER PRIOR TO FABRICATION.
2. CATCH BASINS TYPE G-SERIES SHALL BE USED IN THE SWALE ONTHE HIGH SIDE OF SUPERELEVATED PAVEMENT.
3. CATCH BASINS TYPE G-2 SHALL BE USED ALONG RAMPS WHERE G-2 GUTTER IS PROVIDED.
4. CATCH BASINS TYPE G-3 SHALL BE USED WHERE G-3 GUTTER IS PROVIDED.
5. CATCH BASINS TYPE G-3 MODIFIED SHALL BE USED IN PAVEMENT SECTIONS AND ON THE LOW SIDE OF SUPERELEVATED PAVEMENT.
6. CATCH BASINS TYPE G-3 MODIFIED SHALL BE PROVIDED WITH A REINFORCED CONCRETE SLAB TOP AS DETAILED ON THIS DRAWING.
7. TYPE S FRAME AND GRATE SHALL BE NEENAH R-3338-F MODIFIED BY THE ADDITION OF THE FOURTH SIDE OF THE FRAME, OR APPROVED EQUAL.
8. TYPE G-2 FRAME AND GRATE SHALL BE NEENAH R-3508-A2 OR APPROVED EQUAL.
9. TYPE G-3 FRAME AND GRATE SHALL BE NEENAH INLET FOR ROLLTYPE CURB R-3501-U OR EAST JORDAN IRON WORKS 10004 OR APPROVED EQUAL.
10. TYPE G-3, MODIFIED FRAME AND GRATE SHALL BE NEENAH INLET FOR ROLL TYPE CURB SPECIAL R-3501-UJ OR APPROVED EQUAL.
11. MORTAR OR SEALER SHALL BE USED WHEN A PRECAST REINFORCED CONCRETE LID IS USED.
12. REINFORCEMENT BARS DESIGNATED (E) SHALL BE EPOXY COATED.



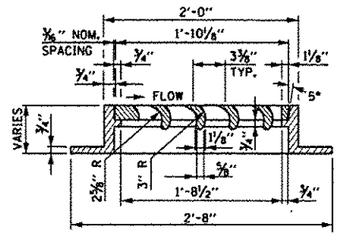
TYPICAL REINFORCEMENT AROUND STORM SEWER PIPE



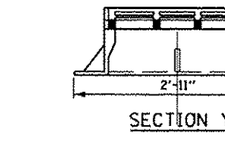
BAR h1(E)



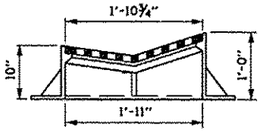
BAR s(E)



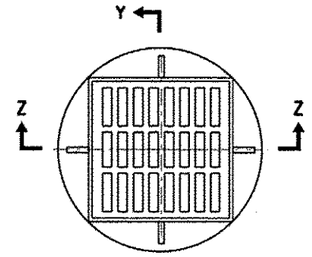
SECTION T-T



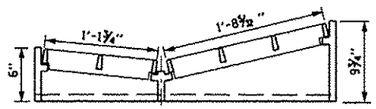
SECTION Y-Y



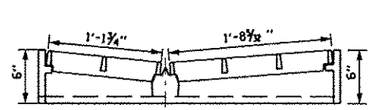
SECTION Z-Z



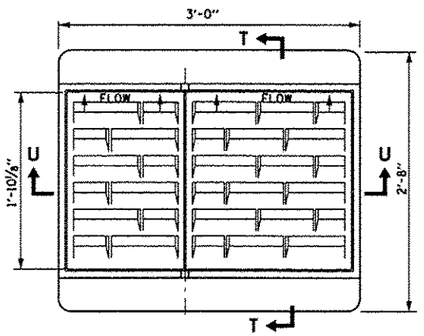
TYPE G-2 FRAME & GRATE



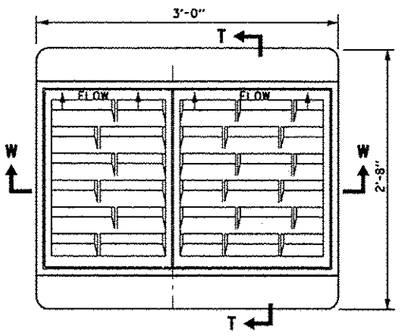
SECTION U-U



SECTION W-W



TYPE G-3 FRAME & GRATE



TYPE G-3, MODIFIED FRAME & GRATE

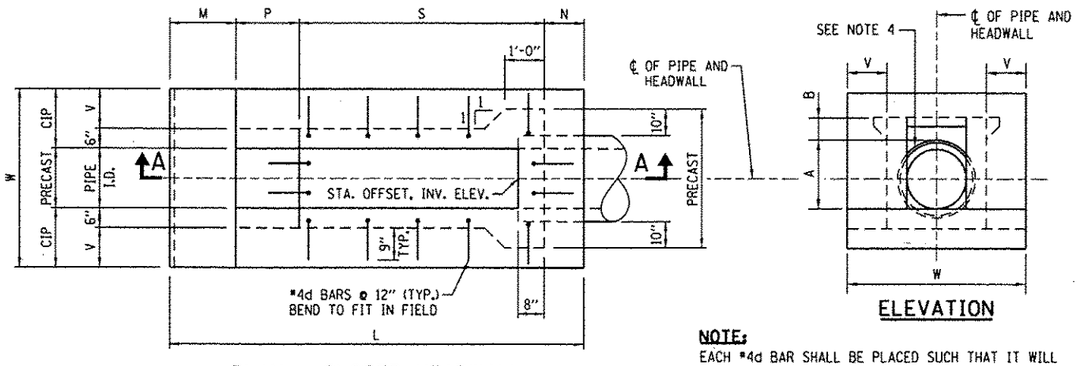
Paul Kovacs
APPROVED..... CHIEF ENGINEER DATE 6-1-2009

Illinois Tollway
Open Roads for a Faster Future

DATE	REVISIONS
6-1-2009	DELETE REINF. CONC. LID TYPE S FRAME & GRATE
2-7-2012	REVISED REINFORCEMENT BARS

CATCH BASINS TYPES G AND TYPE G MODIFIED, FRAMES AND GRATES TYPE G-2, G-3 & G-3 MODIFIED

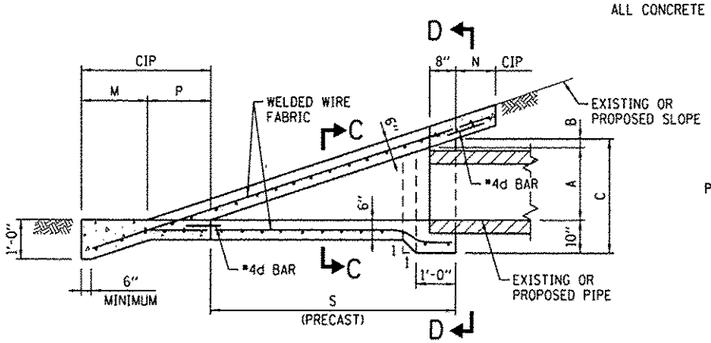
STANDARD B8-02



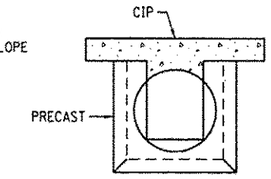
PLAN - SLOPED HEADWALL

ELEVATION

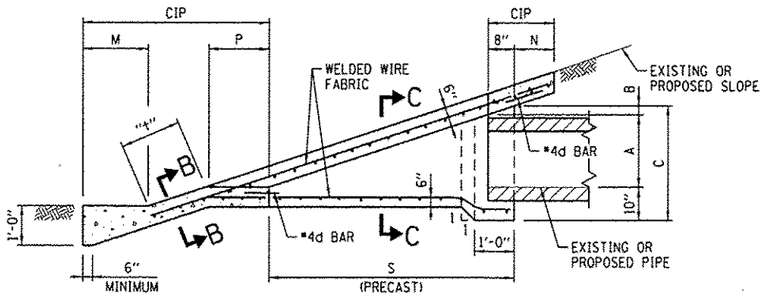
NOTE:
EACH *4d BAR SHALL BE PLACED SUCH THAT IT WILL PROJECT 9" INTO THE CAST IN PLACE (CIP) CONCRETE AND IT SHALL BE 3" BELOW THE TOP SURFACE. HOOKS IN THE PRECAST SECTION SHALL BE TIPPED TO CLEAR ALL CONCRETE SURFACES A MIN. OF 2".



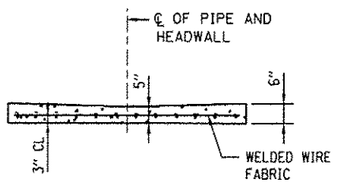
SECTION A-A
(FOR PIPE AT DITCH FLOW LINE)



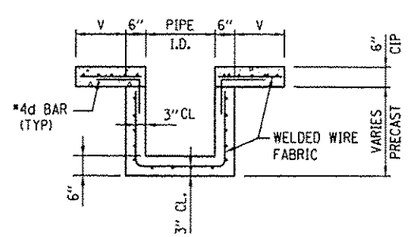
SECTION D-D



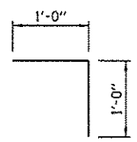
SECTION A-A
(FOR PIPE ABOVE DITCH FLOW LINE)



SECTION B-B



SECTION C-C



BAR *4d

Paul Kovacs
APPROVED..... CHIEF ENGINEER ..... DATE 2-7-2012

DIMENSIONS AND QUANTITIES FOR ONE SLOPED HEADWALL TYPE III

	PIPE I.D.	DIMENSIONS										PRE CAST CONC. CU. YD.	CAST-IN-PLACE CU. YD.	WELDED WIRE FABRIC SQ. YD.	REINF. STEEL				
		A	B	C	N	M	P	S	L	V	W				MARK	SIZE	NO.	LENGTH	LBS.
1 TO 3 SLOPE	6"	9"	2¾"	1'-9¾"	1'-0"	1'-8"	1'-6¾"	2'-11¼"	7'-2"	1'-0"	3'-6"	.19	.51	2.67	d6	#4	12	2'-0"	16
	12"	1'-3½"	2¾"	2'-4¼"	1'-0"	1'-8"	1'-6¾"	4'-6¾"	8'-9½"	1'-0"	4'-0"	.36	.65	3.80	d12	#4	14	2'-0"	19
	15"	1'-6½"	2¾"	2'-7¼"	1'-0"	1'-8"	1'-6¾"	5'-3¾"	9'-6½"	1'-0"	4'-3"	.47	.73	5.13	d15	#4	16	2'-0"	21
	18"	1'-10"	2¾"	2'-10¾"	1'-0"	1'-8"	1'-6¾"	6'-2¼"	10'-5"	1'-0"	4'-6"	.61	.80	5.65	d18	#4	18	2'-0"	24
	21"	2'-1"	2¾"	3'-1¾"	1'-0"	1'-9"	1'-6¾"	6'-11¼"	11'-3"	1'-3"	5'-3"	.74	1.0	7.42	d21	#4	22	2'-0"	29
	24"	2'-4½"	2¾"	3'-5¼"	1'-0"	2'-0"	1'-6¾"	7'-9¾"	12'-4½"	1'-6"	6'-0"	.86	1.24	8.80	d24	#4	24	2'-0"	32
	27"	2'-7½"	2¾"	3'-8¼"	1'-1½"	2'-3"	1'-6¾"	8'-6¾"	13'-6"	1'-9"	6'-9"	1.03	1.53	12.35	d27	#4	24	2'-0"	32
	30"	2'-11"	2¾"	3'-11¾"	1'-3"	2'-6"	1'-6¾"	9'-5¼"	14'-9"	2'-0"	7'-6"	1.22	2.00	15.08	d30	#4	26	2'-0"	35

	PIPE I.D.	DIMENSIONS										PRE CAST CONC. CU. YD.	CAST-IN-PLACE CU. YD.	WELDED WIRE FABRIC SQ. YD.	REINF. STEEL				
		A	B	C	N	M	P	S	L	V	W				MARK	SIZE	NO.	LENGTH	LBS.
1 TO 4 SLOPE	6"	9"	2"	1'-9"	1'-0"	1'-8"	2'-1"	3'-8"	8'-5"	1'-0"	3'-6"	.21	.57	3.27	d6	#4	12	2'-0"	16
	12"	1'-3½"	2"	2'-3½"	1'-0"	1'-8"	2'-1"	5'-10"	10'-7"	1'-0"	4'-0"	.44	.75	4.58	d12	#4	16	2'-0"	21
	15"	1'-6½"	2"	2'-6½"	1'-0"	1'-8"	2'-1"	6'-10"	11'-7"	1'-0"	4'-3"	.57	.83	5.66	d15	#4	18	2'-0"	24
	18"	1'-10"	2"	2'-10"	1'-0"	1'-8"	2'-1"	8'-0"	12'-11"	1'-0"	4'-6"	.73	.93	7.57	d18	#4	22	2'-0"	29
	21"	2'-1"	2"	3'-1"	1'-0"	1'-9"	2'-1"	9'-0"	13'-10"	1'-3"	5'-3"	.89	1.16	9.83	d21	#4	24	2'-0"	32
	24"	2'-4½"	2"	3'-4½"	1'-0"	2'-0"	2'-1"	10'-2"	15'-3"	1'-6"	6'-0"	1.12	1.45	12.51	d24	#4	28	2'-0"	37
	27"	2'-7½"	2"	3'-7½"	1'-1½"	2'-3"	2'-1"	11'-2"	16'-7"	1'-9"	6'-9"	1.32	1.77	13.28	d27	#4	30	2'-0"	40
	30"	2'-11"	2"	3'-11"	1'-3"	2'-6"	2'-1"	12'-4"	18'-2"	2'-0"	7'-6"	1.58	2.14	18.77	d30	#4	32	2'-0"	43

	PIPE I.D.	DIMENSIONS										PRE CAST CONC. CU. YD.	CAST-IN-PLACE CU. YD.	WELDED WIRE FABRIC SQ. YD.	REINF. STEEL				
		A	B	C	N	M	P	S	L	V	W				MARK	SIZE	NO.	LENGTH	LBS.
1 TO 6 SLOPE	6"	9"	1½"	1'-8½"	1'-0"	1'-8"	3'-0"	5'-3"	10'-11"	1'-0"	3'-6"	.29	.71	4.11	d6	#4	16	2'-0"	21
	12"	1'-3½"	1½"	2'-3"	1'-0"	1'-8"	3'-0"	8'-6"	14'-2"	1'-0"	4'-0"	.60	.96	7.27	d12	#4	22	2'-0"	29
	15"	1'-6½"	1½"	2'-6"	1'-0"	1'-8"	3'-0"	10'-0"	15'-8"	1'-0"	4'-3"	.79	1.07	8.91	d15	#4	26	2'-0"	35
	18"	1'-10"	1½"	2'-9½"	1'-0"	1'-8"	3'-0"	11'-9"	17'-5"	1'-0"	4'-6"	1.03	1.20	10.95	d18	#4	28	2'-0"	37
	21"	2'-1"	1½"	3'-0½"	1'-0"	1'-9"	3'-0"	13'-3"	19'-0"	1'-3"	5'-3"	1.29	1.51	14.00	d21	#4	34	2'-0"	45
	24"	2'-4½"	1½"	3'-4"	1'-0"	2'-0"	3'-0"	15'-0"	21'-0"	1'-6"	6'-0"	1.59	1.89	15.49	d24	#4	38	2'-0"	51
	27"	2'-7½"	1½"	3'-7"	1'-1½"	2'-3"	3'-0"	16'-6"	22'-10½"	1'-9"	6'-9"	1.90	2.30	21.82	d27	#4	40	2'-0"	53
	30"	2'-11"	1½"	3'-10½"	1'-3"	2'-6"	3'-0"	18'-3"	25'-0"	2'-0"	7'-6"	2.27	2.79	26.60	d30	#4	44	2'-0"	59

NOTES:

1. THE CAST IN PLACE (CIP) SLOPED HEADWALL SHALL BE CONSTRUCTED FLUSH WITH EXISTING OR PROPOSED SLOPE.
2. CLASS SI CONCRETE SHALL BE USED THROUGHOUT.
3. WELDED WIRE FABRIC SHALL BE EPOXY COATED 6x6-W4xW4, 58 LBS. PER 100 SQ.FT.
4. ALL REINFORCEMENT BARS SHOWN SHALL BE EPOXY COATED.
5. BAR BENDING DETAILS ARE DIMENSIONED OUT TO OUT OF BARS.
6. COVER FROM FACE OF CONCRETE TO FACE OF REINFORCEMENT BAR SHALL BE 3" FOR SURFACES FORMED AGAINST EARTH AND 2" FOR ALL OTHER SURFACES UNLESS OTHERWISE SHOWN.
7. PRECAST UNIT USE IS OPTIONAL. THE ENTIRE STRUCTURE MAY BE CAST IN PLACE.
8. AFTER THE PRECAST SLOPED HEADWALL HAS BEEN PLACED, THE SPACE BETWEEN THE HEADWALL AND PIPE SHALL BE COMPLETELY FILLED WITH AN APPROVED NON-SHRINK GROUT WITH A MINIMUM 28-DAY COMPRESSIVE STRENGTH OF 5000 PSI. THE COST FOR FURNISHING AND PLACING THE GROUT SHALL BE INCIDENTAL TO SLOPED HEADWALLS.
9. THE SLOPED HEADWALL DETAILS SHOWN ON THIS DRAWING ARE FOR USE ONLY WITH PIPES HAVING DIAMETER OR SPAN OF 30" OR LESS.
10. QUANTITIES FOR CONCRETE, WELDED WIRE FABRIC, AND REINFORCING STEEL SHOWN IN THE SCHEDULES OF QUANTITIES ARE BASED ON A "1" DIMENSION OF 0'-0" AND A 1:2 SLOPE.
11. ALL SLOPES ARE EXPRESSED AS UNITS OF VERTICAL DISPLACEMENT TO UNITS OF HORIZONTAL DISPLACEMENT (V:H).
12. I.D. DENOTES INSIDE DIAMETER OF PIPE. O.D. DENOTES OUTSIDE DIAMETER OF PIPE.

DATE	REVISIONS
6-1-2009	ADDED TABLE INFORMATION
	ADDED DIMENSION NOTATIONS
	TO SLOPED HEADWALL
3-1-2010	REVISED NOTES
1-1-2011	REVISED NOTES
2-7-2012	REVISED NOTES

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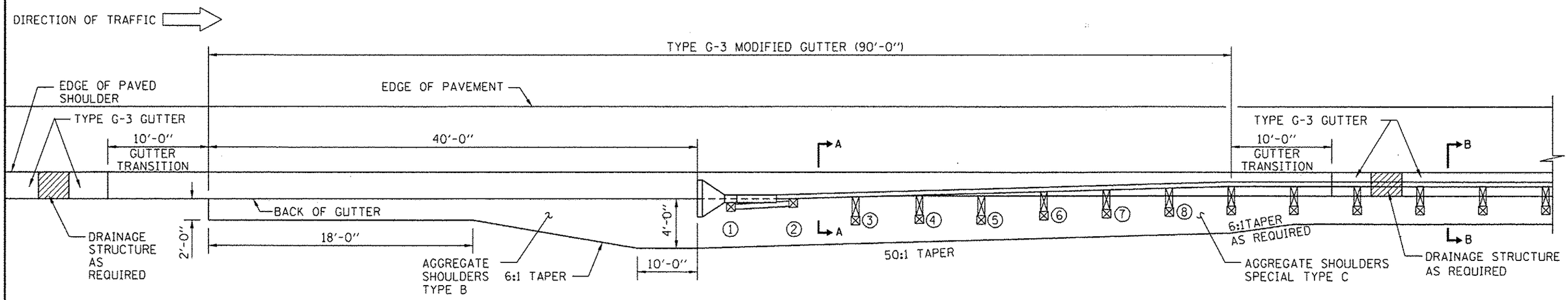
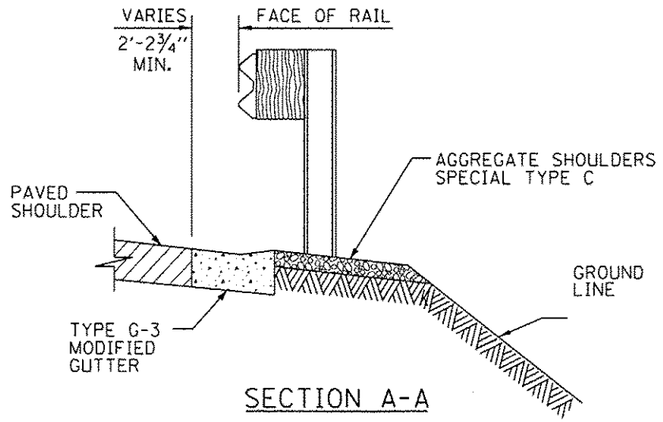
Open Roads for a Faster Future

SLOPED HEADWALLS
TYPE III DETAILS

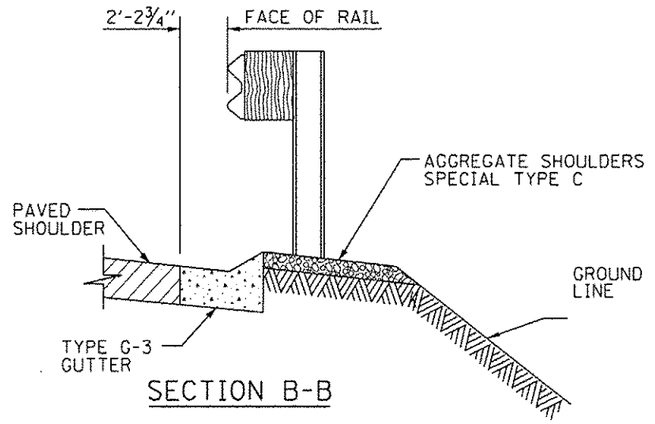
STANDARD B10-05



PLAN



SECTION A-A



SECTION B-B

TYPE G-3 GUTTER TRANSITION AT TRAFFIC BARRIER TERMINAL, TYPE T1 (SPECIAL)

NOTE:
GUTTER TRANSITIONS WILL BE PAID FOR PER FOOT AS TYPE G-3 GUTTER.

CONTRACT 60I31 SHEET 894 OF 963
SHEET 1 OF 3

Paul Kovacs
APPROVED ..... CHIEF ENGINEER DATE 3-1-2010

Illinois Tollway
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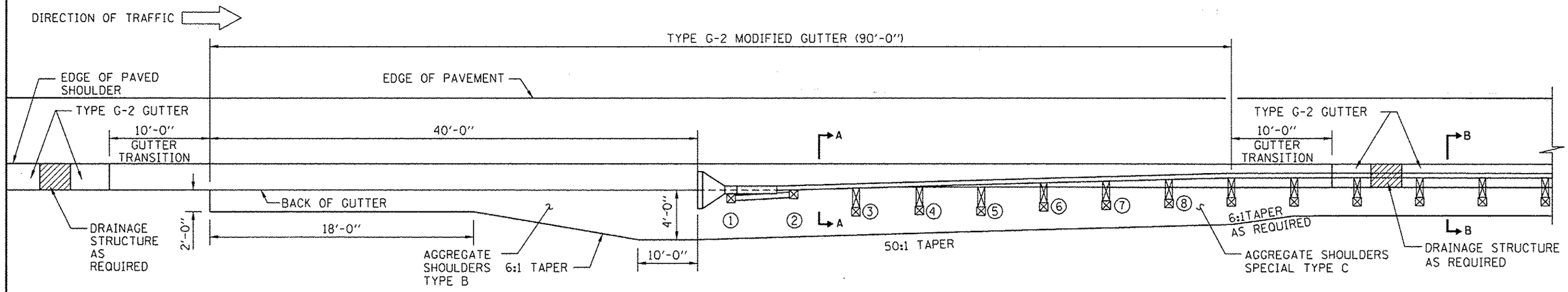
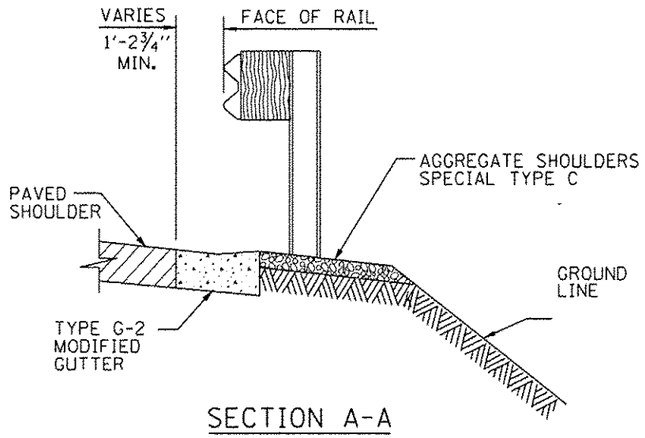
	REVISIONS
1-1-2011	REVISED GUTTER TRANSITION TERMINATION

GUTTER TRANSITION AT TRAFFIC BARRIER TERMINAL, TYPE T1 (SPECIAL)

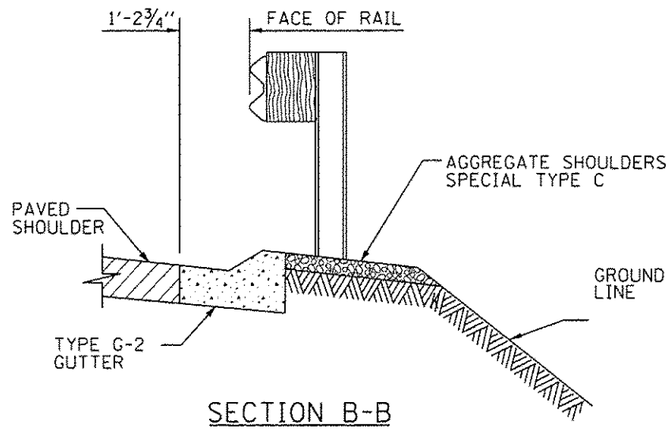
STANDARD B28-01



PLAN



SECTION A-A



SECTION B-B

NOTE:
GUTTER TRANSITIONS WILL BE PAID FOR PER FOOT AS TYPE G-2 GUTTER.

TYPE G-2 GUTTER TRANSITION AT TRAFFIC BARRIER TERMINAL, TYPE T1 (SPECIAL)

Paul Kovacs
APPROVED ..... CHIEF ENGINEER
DATE 3-1-2010

Illinois Tollway
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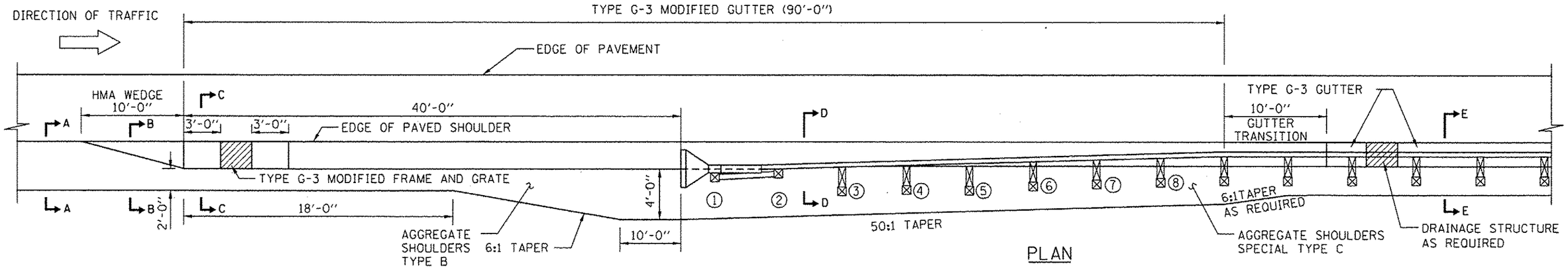
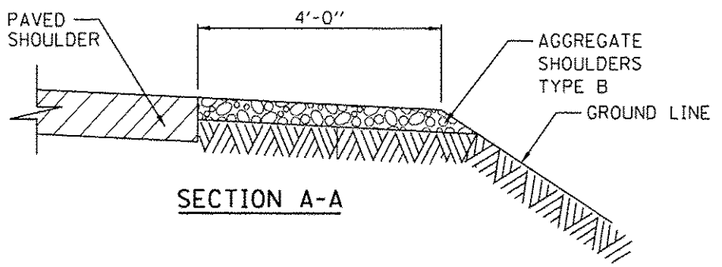
GUTTER TRANSITION AT TRAFFIC BARRIER TERMINAL, TYPE T1 (SPECIAL)

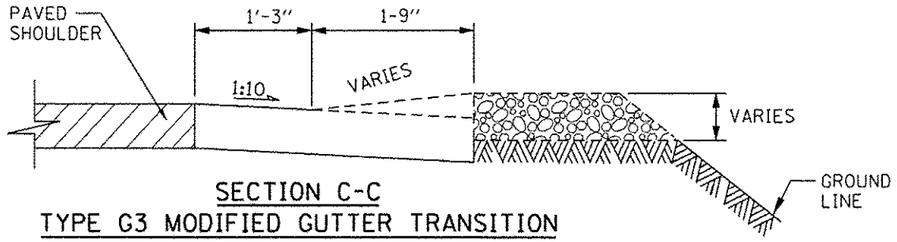
STANDARD B28-01



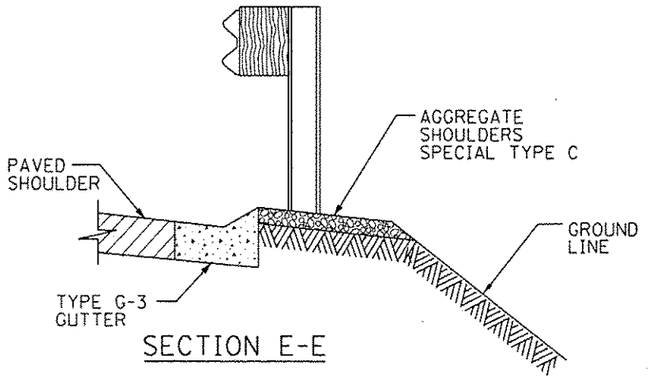
PLAN



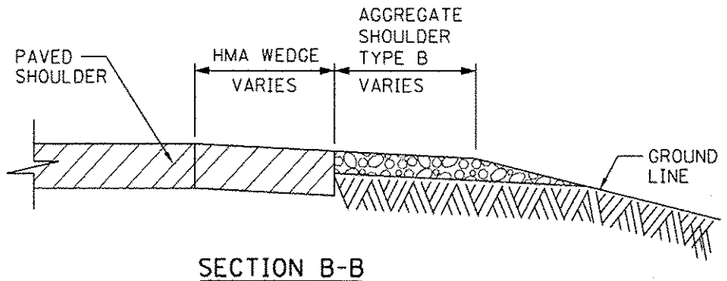
SECTION A-A



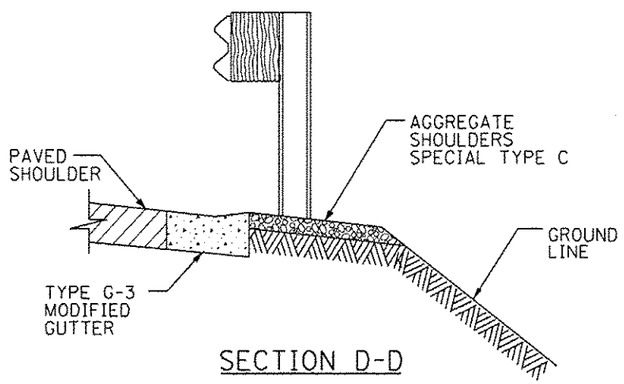
SECTION C-C
TYPE G3 MODIFIED GUTTER TRANSITION



SECTION E-E



SECTION B-B
HMA SHOULDER TRANSITION



SECTION D-D

NOTE:
GUTTER TRANSITIONS WILL BE PAID FOR PER FOOT AS TYPE G-3 GUTTER.

CONTRACT 60I31 SHEET 896 OF 963
SHEET 3 OF 3

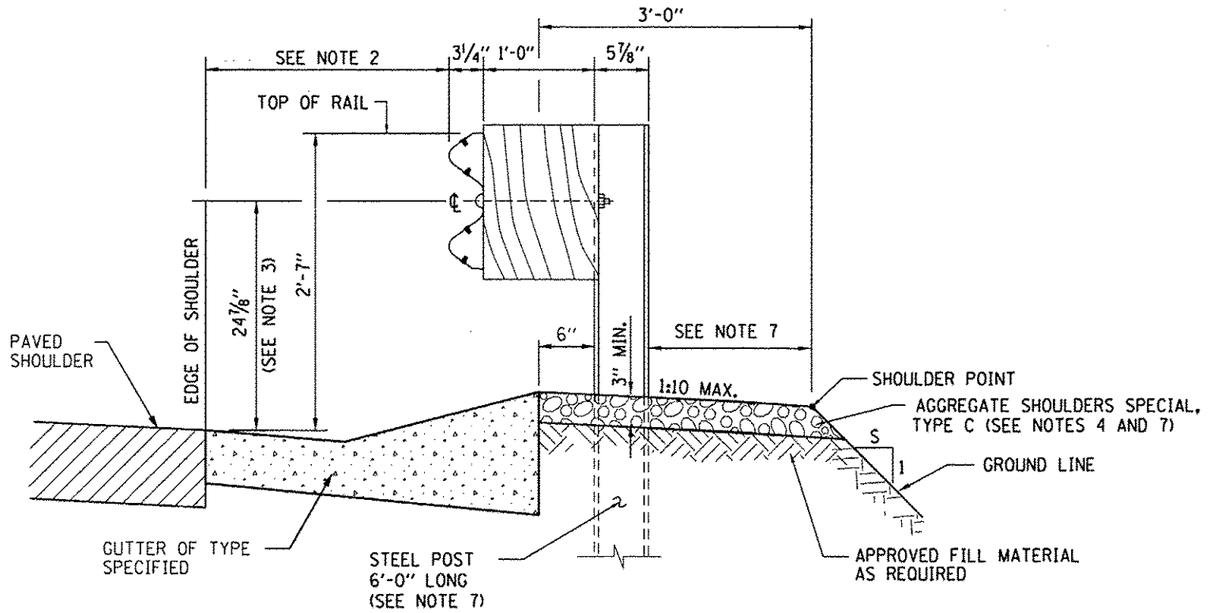
TYPE G-3 GUTTER TRANSITION TERMINATION AT TRAFFIC BARRIER TERMINAL, TYPE T1 (SPECIAL)

Paul Kovacs
APPROVED ..... DATE 3-1-2010
CHIEF ENGINEER

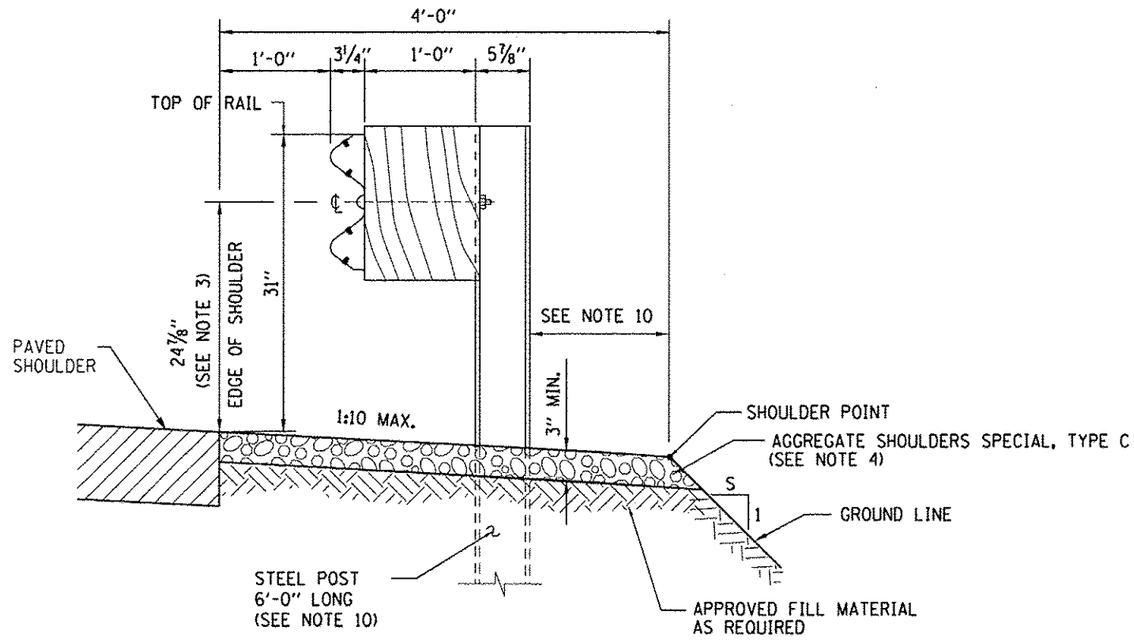
Illinois Tollway
Open Roads for a Faster Future

GUTTER TRANSITION AT TRAFFIC BARRIER TERMINAL, TYPE T1 (SPECIAL)

STANDARD B28-01



SECTION WITH GUTTER



SECTION WITHOUT GUTTER

NOTES:

1. 1' OFFSET FROM EDGE OF PAVED SHOULDER TO FACE OF RAIL IS TYPICAL FOR ALL INSTALLATIONS EXCEPT AS OTHERWISE DETAILED IN THE PLAN DRAWINGS.
2. WHERE GUTTERS SUCH AS TYPE G-2 , G-3 ARE REQUIRED IN FRONT OF THE GUARDRAIL, THE POSTS SHALL BE LOCATED 6" BEHIND THE GUTTER, OR AS OTHERWISE DETAILED IN THE PLANS. THE OFFSET FROM THE EDGE OF SHOULDER TO THE FACE OF THE GUARDRAIL SHALL BE AS SHOWN ON STANDARD B28.
3. THE 24⅞" TYPICAL RAIL HEIGHT IS MEASURED FROM EXISTING SURFACE 1' IN FRONT OF RAIL, OR FROM EDGE OF SHOULDER/EDGE OF GUTTER WHEN EDGE IS MORE THAN 1' IN FRONT OF RAIL TO CENTER OF RAIL.
4. AGGREGATE SHOULDERS SPECIAL, TYPE C SHALL COMPLY WITH THE REQUIREMENTS OF THE TOLLWAY RECURRING SPECIAL PROVISION. WHERE GUTTER IS PROPOSED WITH GUARDRAIL, A 3" MINIMUM THICKNESS OF AGGREGATE SHOULDERS SPECIAL, TYPE C SHALL BE PLACED BEHIND CURB. FOR GUARDRAIL WITHOUT CURB & GUTTER, AGGREGATE SHOULDER, OF THE SAME THICKNESS SHALL BE PLACED FROM THE EDGE OF PAVED SHOULDER SLOPING AWAY TO A 3" MIN. THICKNESS.
5. AGGREGATE SHOULDERS SPECIAL, TYPE C SHALL EXTEND A MINIMUM OF 1' BEHIND POST OR GUARDRAIL, WHICHEVER IS FURTHER, EXCEPT AS DETAILED ELSEWHERE IN THE PLANS.
6. PLASTIC BLOCK-OUTS SHALL NOT BE ALLOWED AS A SUBSTITUTE FOR WOOD BLOCK-OUTS ON NEW INSTALLATIONS.
7. WHEN S≤3 AND 3'-0" MIN. AGGREGATE SHOULDER CANNOT BE MET, THE POST LENGTH SHALL BE 9'-0" AND THE MIN. AGGREGATE SHOULDER SHALL BE 1'-0" MEASURED DISTANCE BEHIND POST TO THE SHOULDER POINT.
8. ALL SLOPES ARE EXPRESSED AS UNITS OF VERTICAL DISPLACEMENT TO UNITS OF HORIZONTAL DISPLACEMENTS (V:H).
9. UNDER NO CIRCUMSTANCES SHALL AN EXISTING GUARDRAIL, THAT WAS DESIGNED USING A PREVIOUS STANDARD, BE EXTENDED, ATTACHED TO OR MODIFIED IN ANYWAY FROM ITS ORIGINAL DESIGN. IF ANY MODIFICATION IS REQUIRED AND A PROPER BARRIER WARRANT HAS BEEN COMPLETED, THE ENTIRE BARRIER INSTALLATION SHALL BE COMPLETELY REMOVED AND REPLACED WITH A NEW SYSTEM THAT CONFORMS TO THE CURRENT STANDARD.
10. WHEN S≤3, THE POST LENGTH SHALL BE 9'-0" AND 4' AGGREGATE SHOULDER WIDTH MAINTAINED.
11. THE GUARDRAIL SYSTEM HAS BEEN PERFORMANCE-TESTED FOR CRASHWORTHINESS UNDER PROCEDURES DEFINED IN THE NATIONAL COOPERATIVE HIGHWAY RESEARCH PROGRAM (NCHRP) REPORT 350. NO MODIFICATION TO THIS STANDARD DRAWING SHALL BE PERMITTED.
12. GUARDRAIL POSTS SHALL NOT BE INSTALLED IN CONCRETE OR HMA PAVEMENT. WHEN NECESSARY USE LEAVE-OUT DETAIL ON SHEET 4 OF 4 OF THIS SERIES.
13. GUARDRAIL POSTS SHALL NOT BE ATTACHED TO ANY STRUCTURE.

Paul Kovacs
APPROVED ..... CHIEF ENGINEER DATE 7-1-2009

GUARDRAIL INSTALLATION DETAILS

	REVISIONS
7-1-2009	REVISED DIMENSIONS, NOTES AND ADDED DETAILS
3-1-2010	REVISED AGGREGATE SHOULDER DIMENSIONS AND NOTES. ADDED GUARDRAIL POST LEAVE-OUTS
1-1-2011	SHEET LAYOUT REVISIONS AND CLARIFICATIONS.
2-7-2012	ADDED TYPE C GUARDRAIL, MODIFIED LEAVE-OUT CAP MATERIAL AND REVISED NOTES

Illinois Tollway
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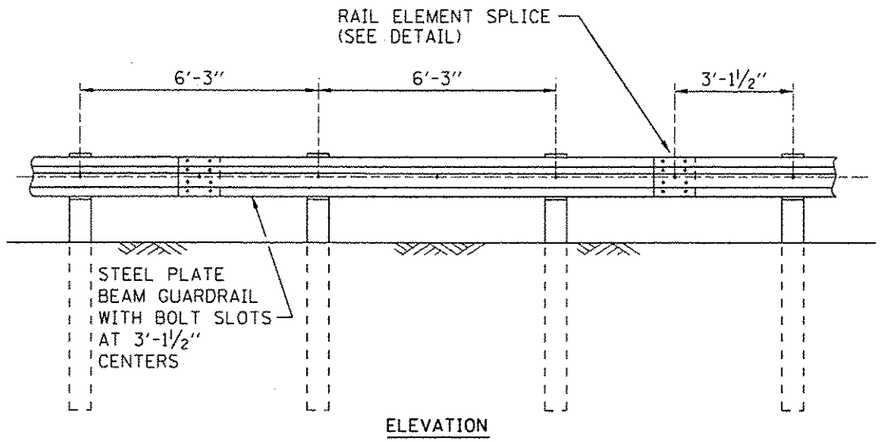
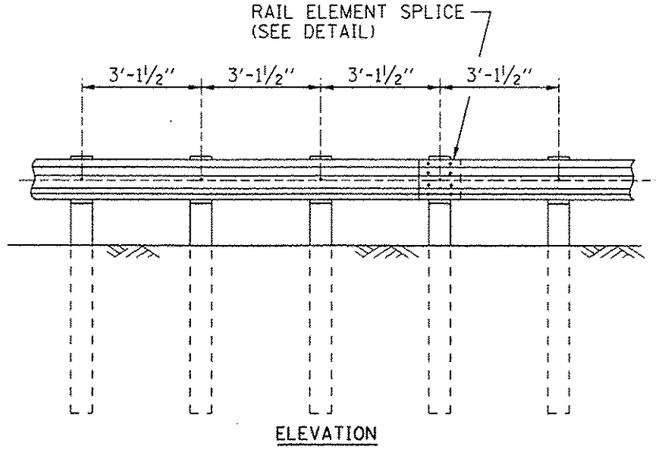
GALVANIZED STEEL PLATE BEAM GUARDRAIL

STANDARD C1-05



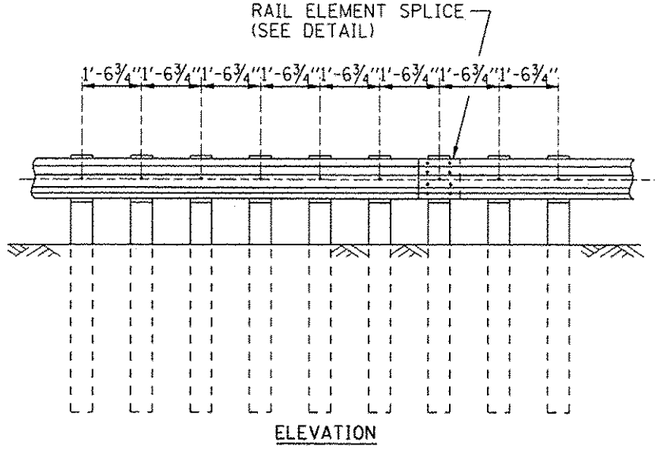
TYPE A

6'-3" TYPICAL POST SPACING



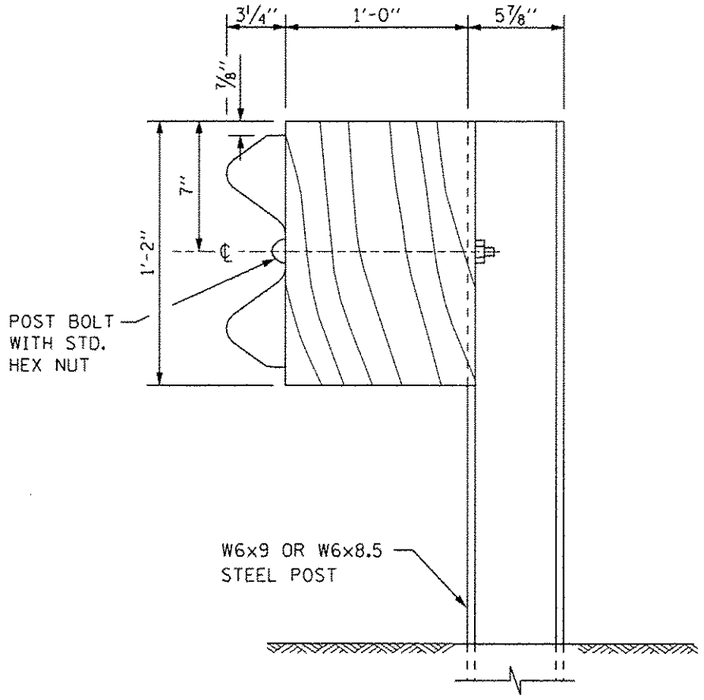
TYPE B

3'-1½" ½ POST SPACING

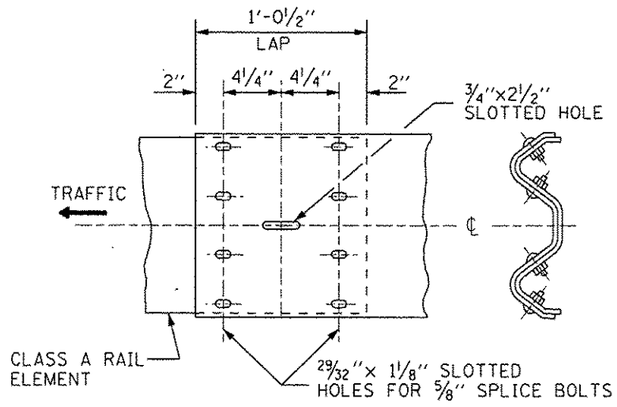


TYPE C

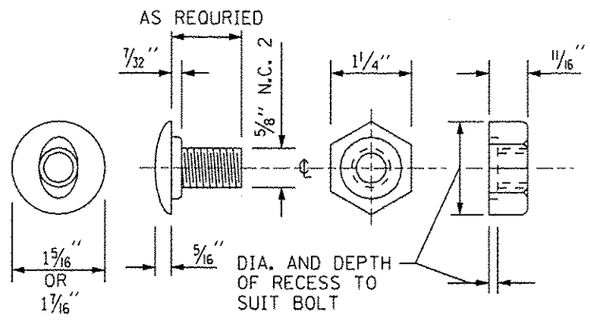
1'-6¾" ¼ POST SPACING



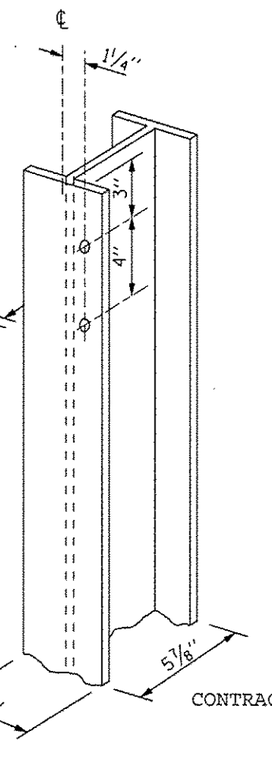
STEEL POST CONSTRUCTION



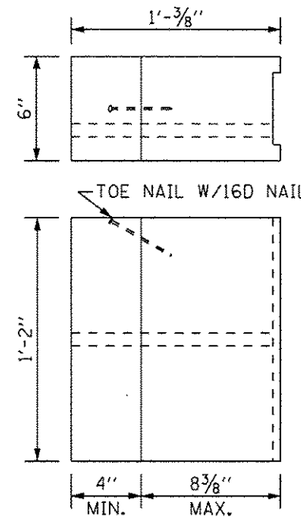
RAIL ELEMENT SPLICE



POST OR SPLICE BOLT & NUT



WOOD BLOCK-OUT AND STEEL POST DETAILS



TWO-PIECE WOOD BLOCKOUT OPTION

Paul Kovacs
APPROVED ..... CHIEF ENGINEER
DATE 7-1-2009

CONTRACT 60I31 SHEET 898 OF 963
SHEET 2 OF 4

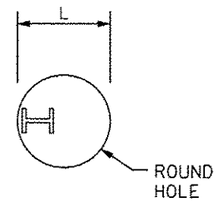
Illinois Tollway
Open Roads for a Faster Future

GALVANIZED STEEL PLATE
BEAM GUARDRAIL

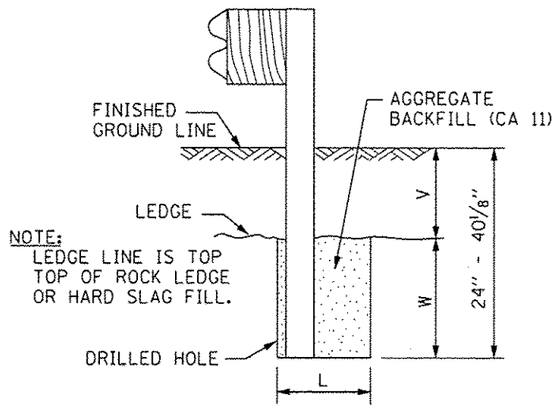
STANDARD C1-05

TABLE 1			
V	W	L	
		STEEL POST	WOOD POST
0 - 16 1/8"	24"	21"	23"
> 16 1/8" - 28 1/8"	12"	8"	10"
> 28 1/8" - 40 1/8"	12" - 0 (*)	8"	10"

* V+W=40 1/8"

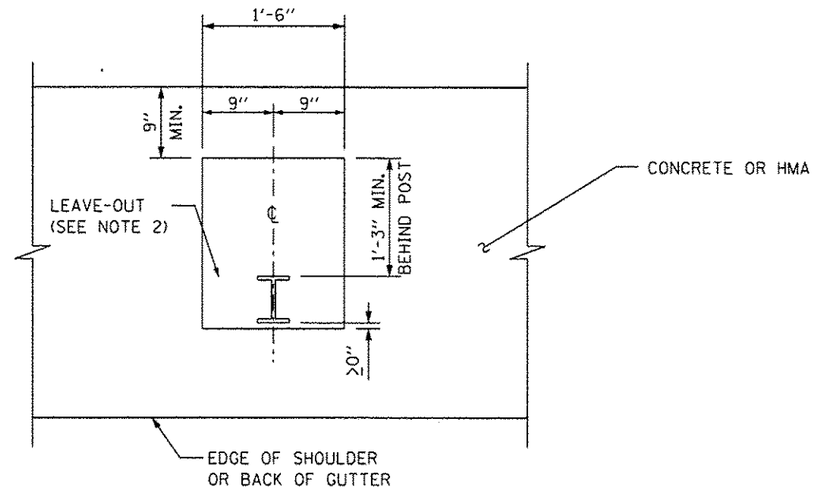


PLAN



ELEVATION

FOOTING FOR POST WHEN IMPERVIOUS MATERIAL IS ENCOUNTERED



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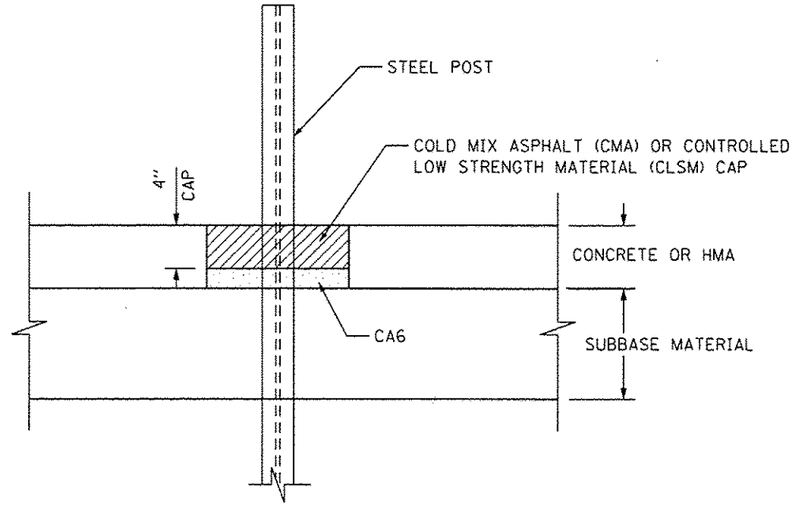


ELEVATION

LEAVE-OUTS

NOTES:

1. CAP SHALL BE INSTALLED TO MATCH THE EXISTING CROSS SLOPE.
2. THE LEAVE-OUT SHALL BE DEFINED AS THE AREA AROUND THE POST THAT IS EITHER OMITTED FROM THE NEW CONSTRUCTION OR REMOVED FROM THE EXISTING CONCRETE OR HMA.

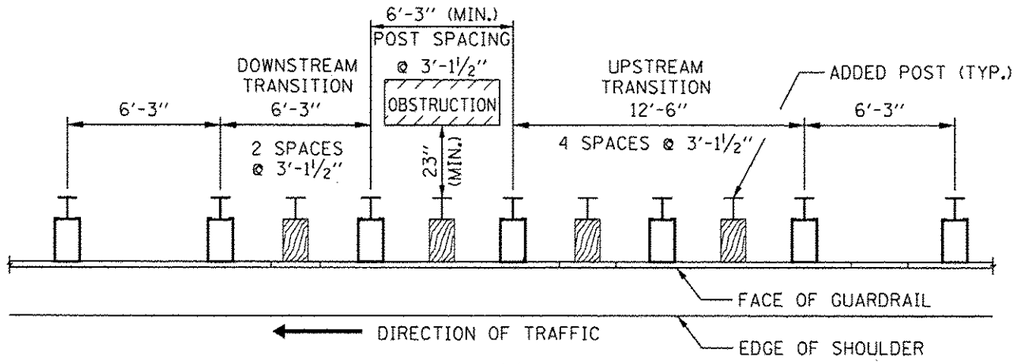
Paul Kovacs
APPROVED ..... CHIEF ENGINEER
DATE 7-1-2009

Illinois Tollway
Open Roads for a Faster Future

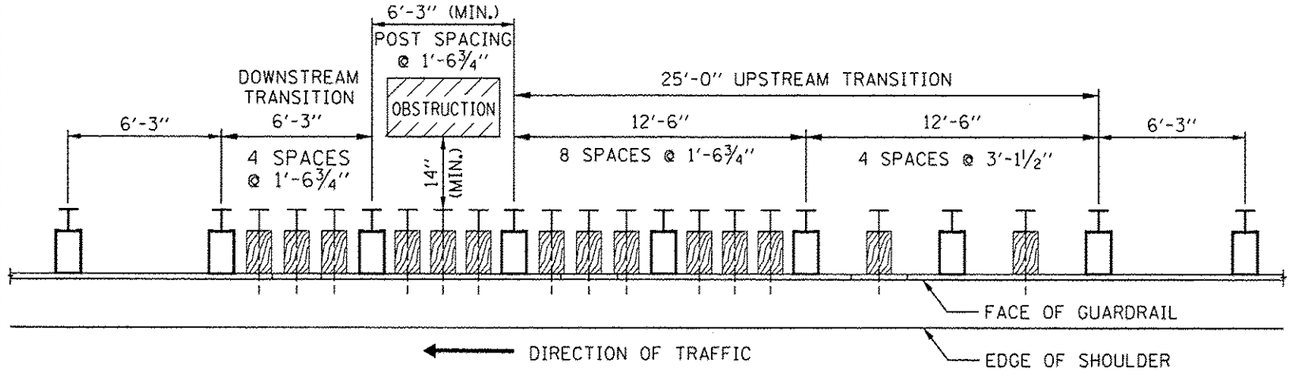
GALVANIZED STEEL PLATE BEAM GUARDRAIL

STANDARD C1-05

TABLE 2			
BARRIER CLEARANCE DISTANCE			
GUARDRAIL SYSTEM	POST SPACING	DESIRABLE BARRIER CLEARANCE DISTANCE	MINIMUM BARRIER CLEARANCE DISTANCE
TYPE A	6'-3"	42"	28"
TYPE B 1/2 POST SPACING	3'-1 1/2"	30"	23"
TYPE C 1/4 POST SPACING	1'-6 3/4"	24"	14"



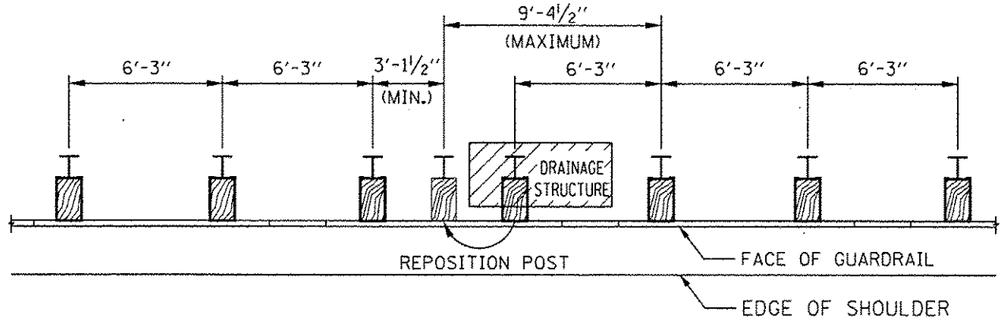
TRANSITION TO 1/2-POST SPACING



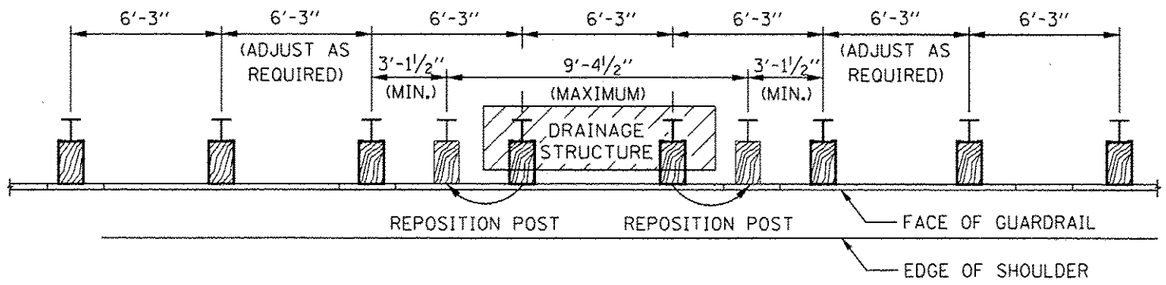
TRANSITION TO 1/4-POST SPACING

NOTES:

1. DESIRABLE BARRIER CLEARANCE DISTANCES SHALL BE USED FOR ALL NEW INSTALLATIONS.
2. MINIMUM BARRIER CLEARANCE DISTANCES ARE ONLY TO BE USED FOR EXISTING OBSTRUCTIONS.
3. WHEN LENGTH OF OBSTRUCTION IS 1'-3" OR LESS, THE DOWNSTREAM TRANSITION SHALL BE OMITTED.



TYPE A GUARDRAIL-DRAINAGE STRUCTURE CONFLICT
ONE POST



TYPE A GUARDRAIL - DRAINAGE STRUCTURE CONFLICT
TWO POSTS

NOTES:

1. GUARDRAIL POSTS SHALL NOT BE ELIMINATED; ALL POSTS MUST BE USED.
2. GUARDRAIL POSTS SHALL NOT BE SET BACK TO AVOID CONFLICTS WITH A DRAINAGE STRUCTURE.
3. NO MODIFICATIONS OF ANY KIND TO THE TRANSITION POST SPACING ARE ALLOWED.

Paul Kovacs
APPROVED ..... CHIEF ENGINEER
DATE 7-1-2009

Illinois Tollway
Open Roads for a Faster Future

GALVANIZED STEEL PLATE
BEAM GUARDRAIL

STANDARD C1-05