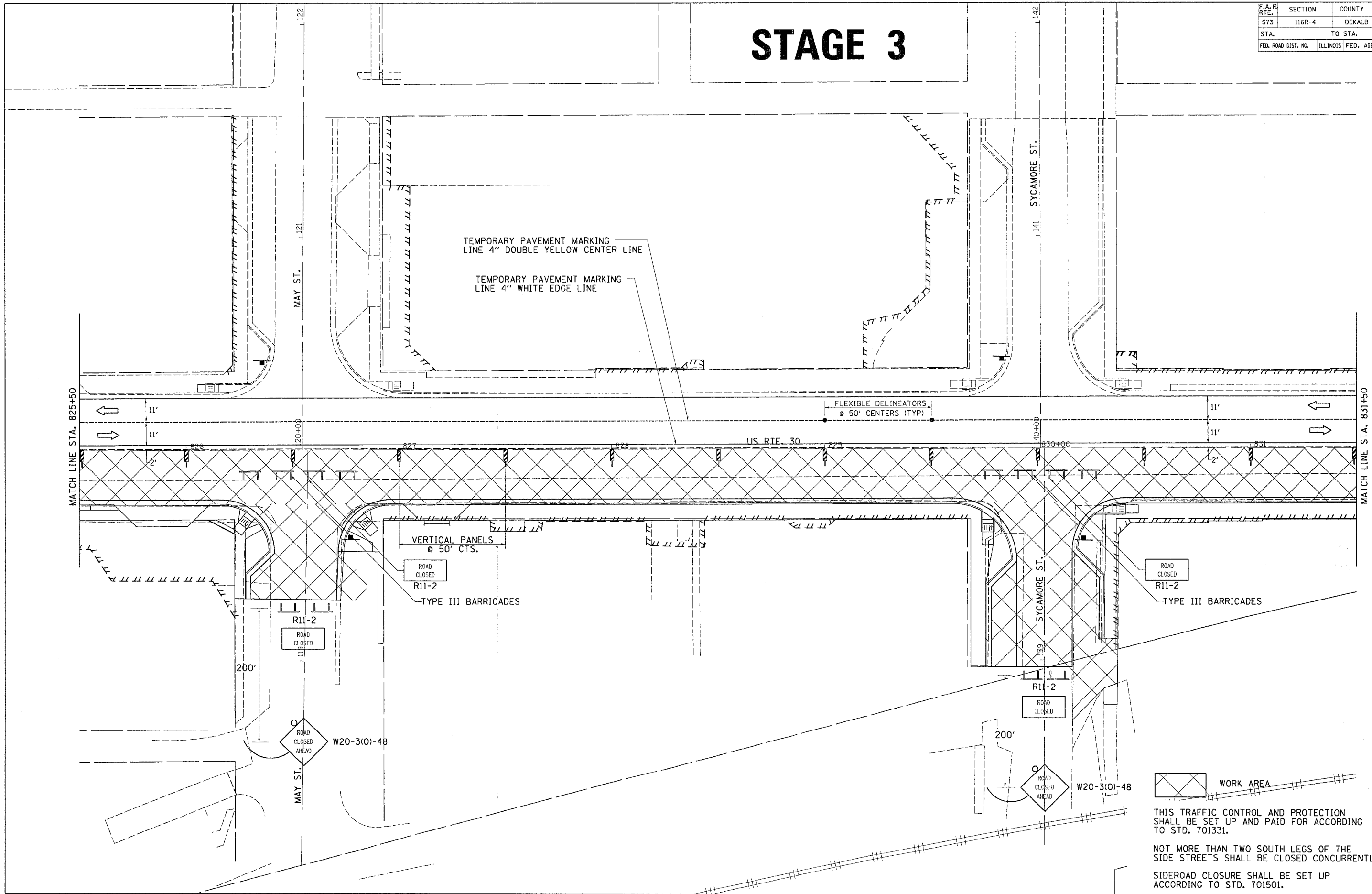


F.A. PROJECT NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
573	116R-4	DEKALB	416	201
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		

# STAGE 3



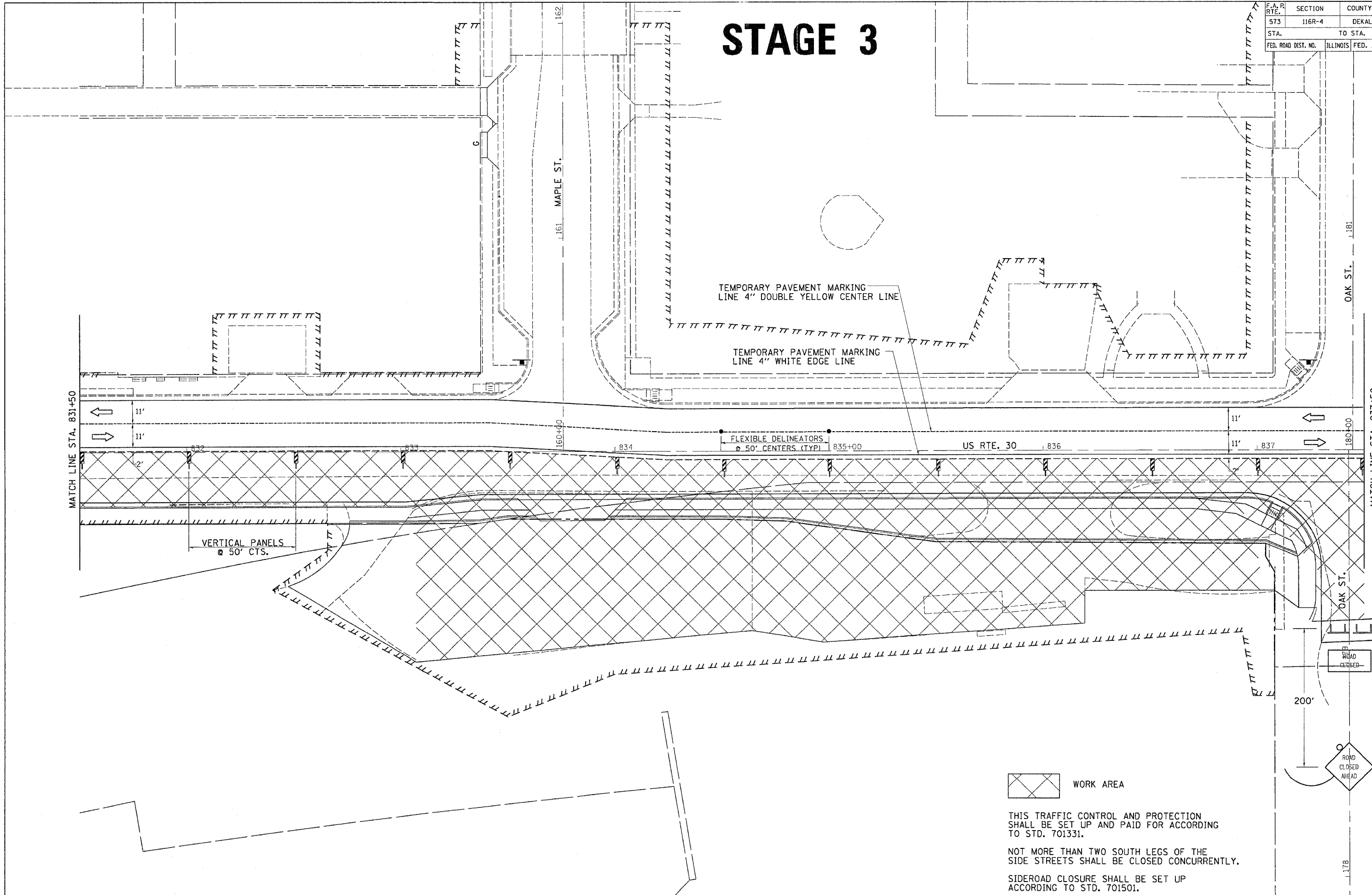
FILE NAME = #FILES  
 LEVELS = #LEVELS  
 PLOT SCALE = #PLOTS/SCALE  
 PLOT DATE = #PLOT DATE  
 REVISIONS = #REVISIONS  
 REVISIONS = #REVISIONS




THIS TRAFFIC CONTROL AND PROTECTION SHALL BE SET UP AND PAID FOR ACCORDING TO STD. 701331.  
 NOT MORE THAN TWO SOUTH LEGS OF THE SIDE STREETS SHALL BE CLOSED CONCURRENTLY.  
 SIDEROAD CLOSURE SHALL BE SET UP ACCORDING TO STD. 701501.

F.A. PROJECT NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
573	116R-4	DEKALB	416	202
STA.		TO STA.		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		

# STAGE 3



 WORK AREA

THIS TRAFFIC CONTROL AND PROTECTION SHALL BE SET UP AND PAID FOR ACCORDING TO STD. 701331.

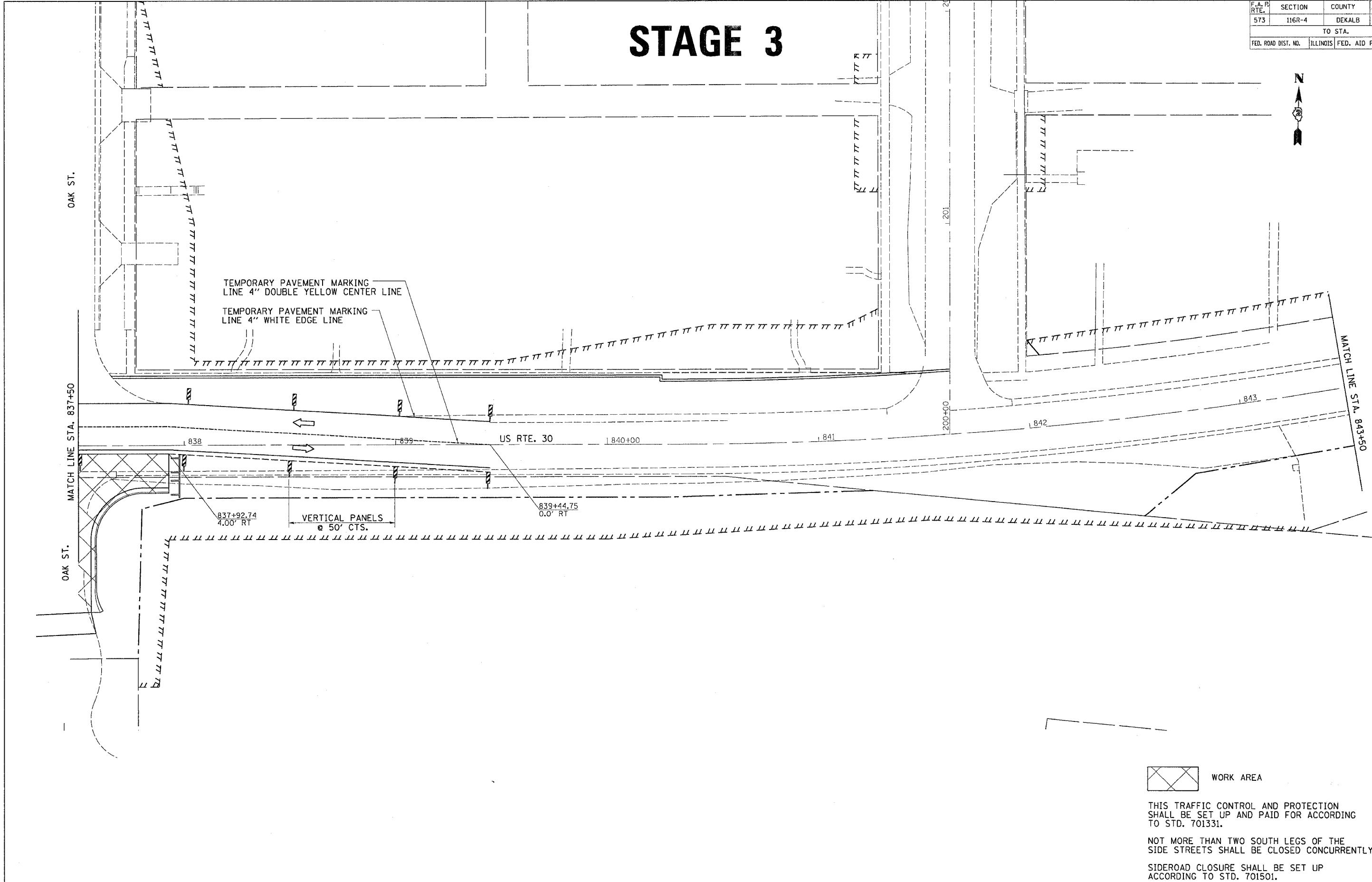
NOT MORE THAN TWO SOUTH LEGS OF THE SIDE STREETS SHALL BE CLOSED CONCURRENTLY.

SIDEROAD CLOSURE SHALL BE SET UP ACCORDING TO STD. 701501.

FILE NAME = #FILES  
 LEVELS = #LEVELS  
 PLOT SCALE = #PLOTS/SCALE  
 PLOT DATE = F1 Sep 02 07:56:53 2005  
 DRAFTER = Jorden  
 REF REF REF

F.A. PROJECT NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
573	116R-4	DEKALB	416	203
TO STA.				
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		

# STAGE 3



THIS TRAFFIC CONTROL AND PROTECTION SHALL BE SET UP AND PAID FOR ACCORDING TO STD. 701331.

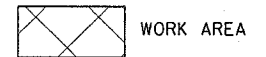
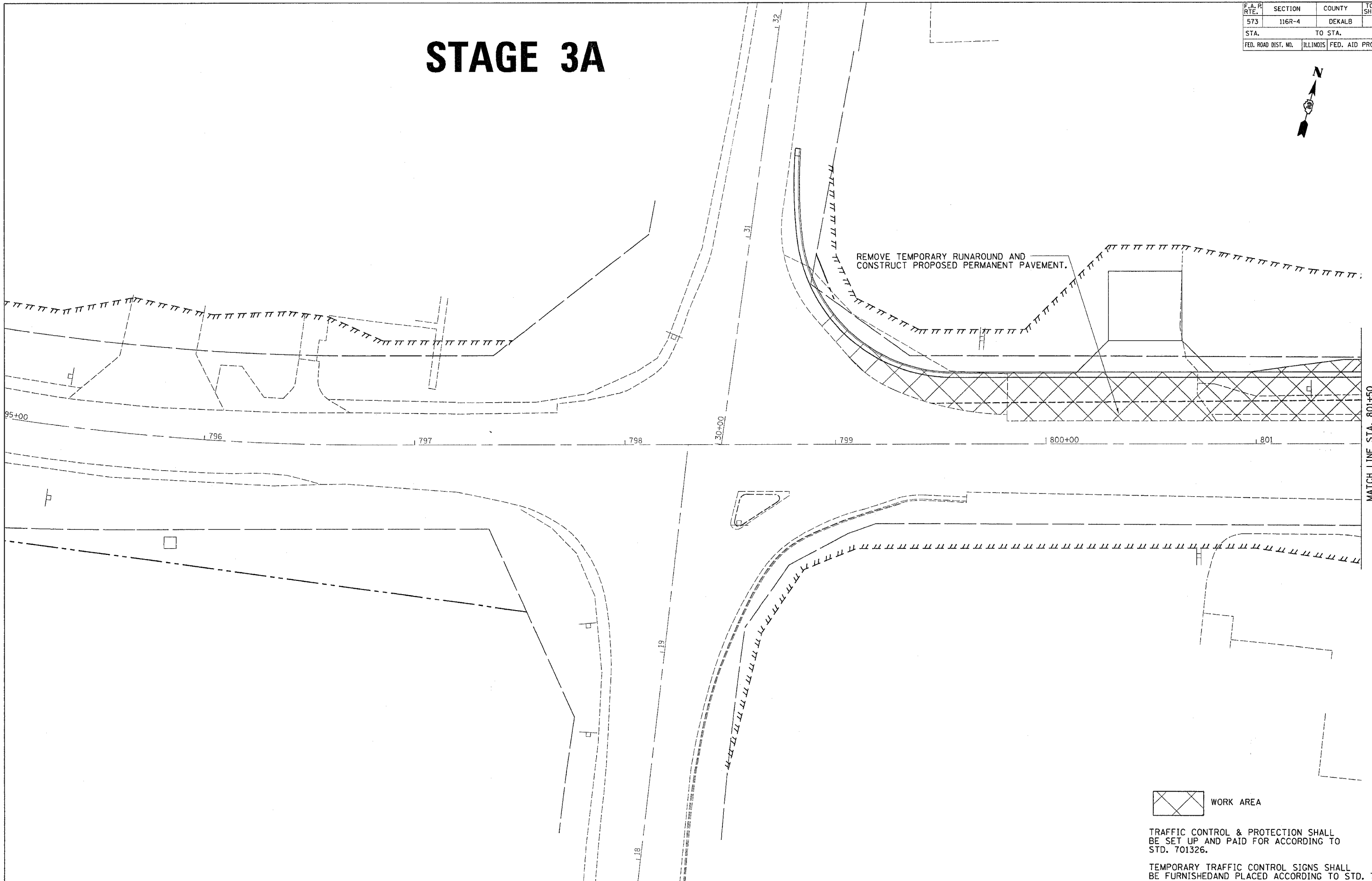
NOT MORE THAN TWO SOUTH LEGS OF THE SIDE STREETS SHALL BE CLOSED CONCURRENTLY.

SIDEROAD CLOSURE SHALL BE SET UP ACCORDING TO STD. 701501.

FILE NAME = #FILES\*  
 LEVELS = #LEVELS\*  
 PLOT SCALE = #PLOTS/SCALE\*  
 PLOT DATE = FRI Sep 02 07:38:53 2005  
 REVISIONS = #REV\*  
 REVISION DATE = #REV DATE\*  
 REVISION DESCRIPTION = #REV DESCRIPTION\*  
 REF REF REF REF REF REF

F.A. PROJECT NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
573	116R-4	DEKALB	416	204
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS	FED. AID PROJECT	

# STAGE 3A



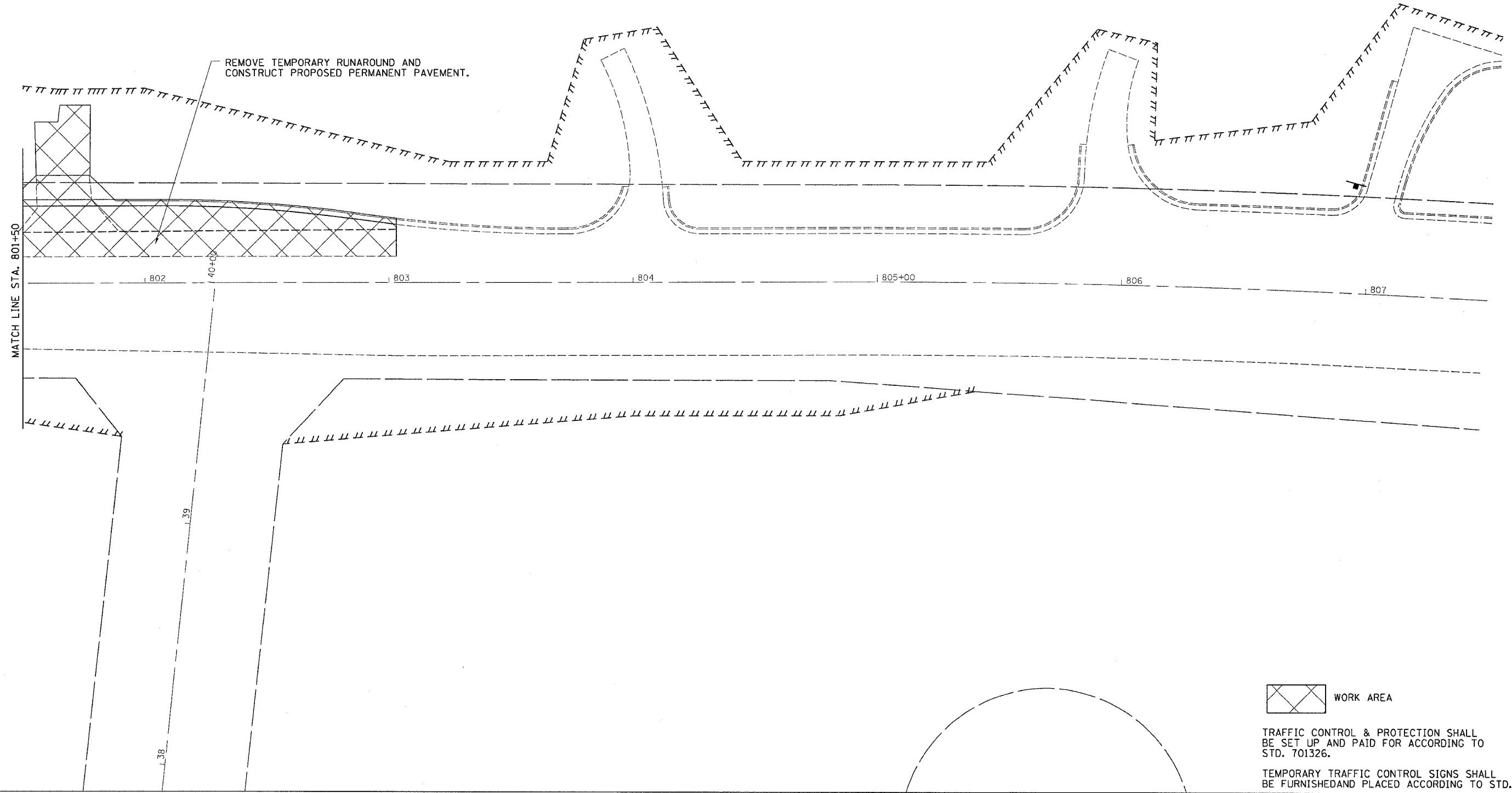
TRAFFIC CONTROL & PROTECTION SHALL BE SET UP AND PAID FOR ACCORDING TO STD. 701326.

TEMPORARY TRAFFIC CONTROL SIGNS SHALL BE FURNISHED AND PLACED ACCORDING TO STD. 701326

FILE NAME = #FILES  
 LEVELS = #LEVELS  
 PLOT SCALE = #PLOTS/SCALE  
 PLOT DATE = F1 Sep 02 07:38:54 2005  
 REF: JORDAN

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
573	116R-4	DEKALB	416	205
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS	FED. AID PROJECT	

# STAGE 3A



 WORK AREA

TRAFFIC CONTROL & PROTECTION SHALL BE SET UP AND PAID FOR ACCORDING TO STD. 701326.

TEMPORARY TRAFFIC CONTROL SIGNS SHALL BE FURNISHED AND PLACED ACCORDING TO STD. 701326

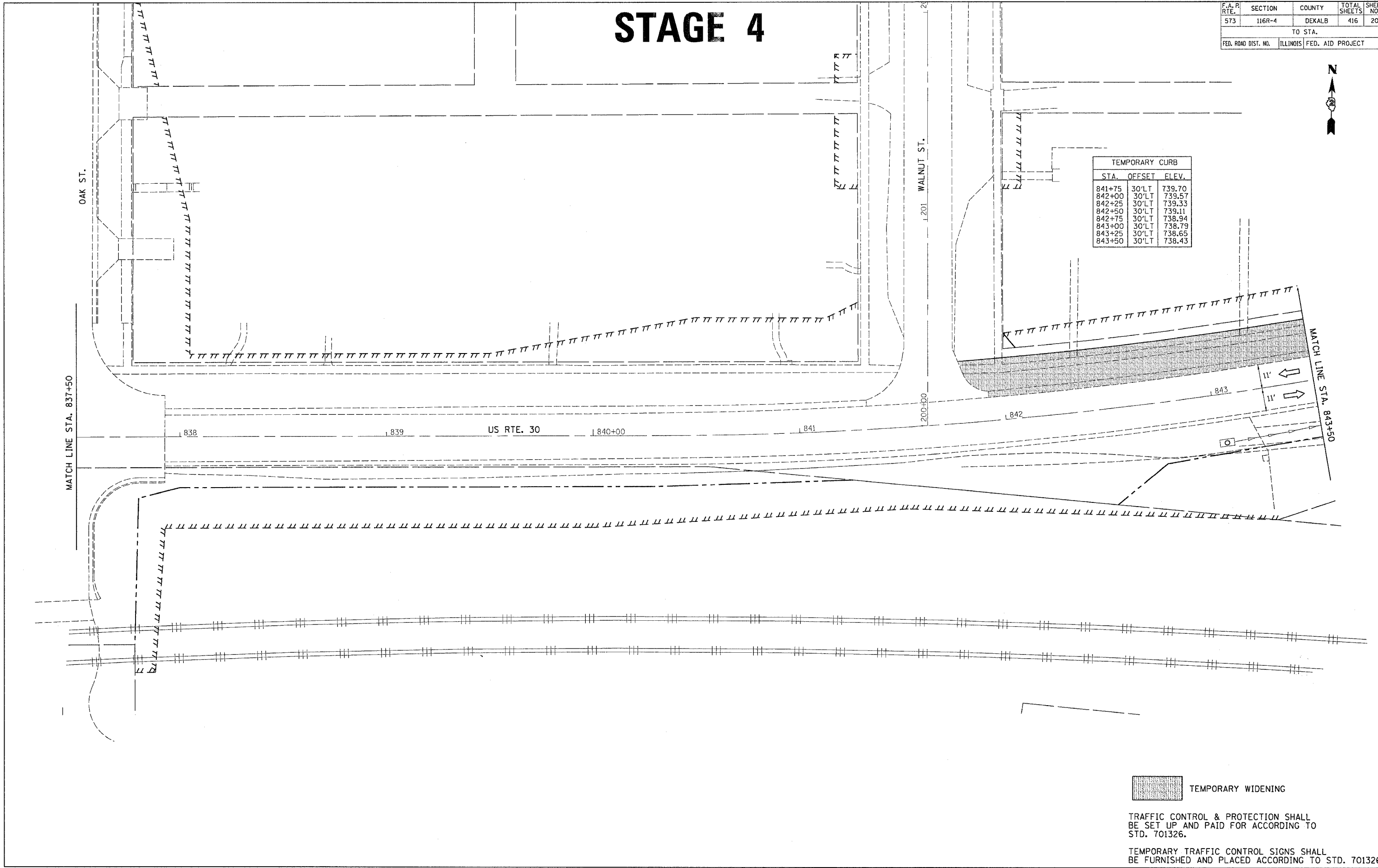
FILE NAME = #FILES  
 LEVELS = #LEVELS  
 PLOT SCALE = #PLOTS/SCALE  
 PLOT DATE = Fri Sep 02 07:38:54 2005  
 REVISION = Jorden  
 REF REF

F.A. P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
573	116R-4	DEKALB	416	206
TO STA.				
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		

# STAGE 4



TEMPORARY CURB		
STA.	OFFSET	ELEV.
841+75	30'LT	739.70
842+00	30'LT	739.57
842+25	30'LT	739.33
842+50	30'LT	739.11
842+75	30'LT	738.94
843+00	30'LT	738.79
843+25	30'LT	738.65
843+50	30'LT	738.43



TEMPORARY WIDENING

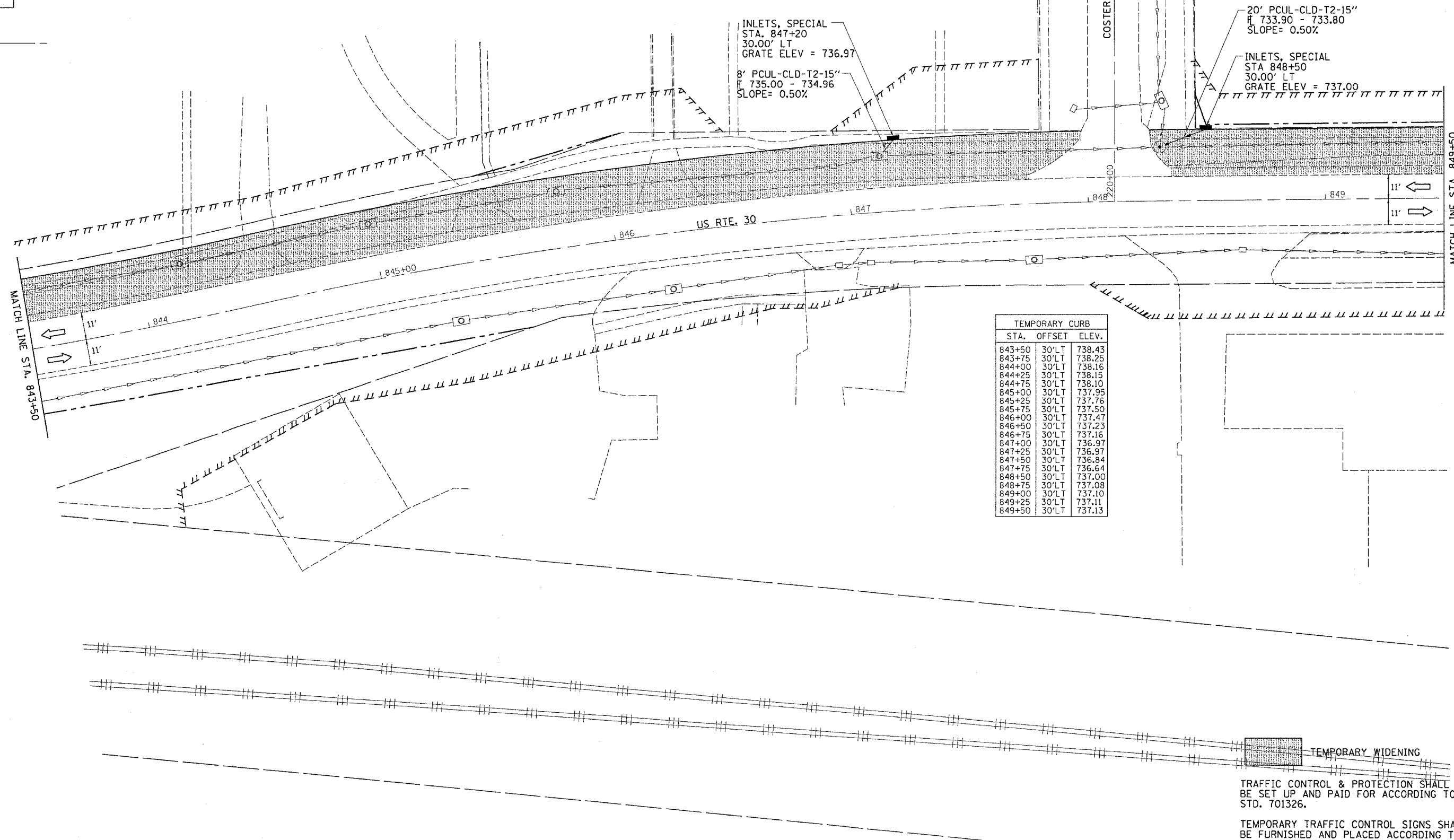
TRAFFIC CONTROL & PROTECTION SHALL BE SET UP AND PAID FOR ACCORDING TO STD. 701326.

TEMPORARY TRAFFIC CONTROL SIGNS SHALL BE FURNISHED AND PLACED ACCORDING TO STD. 701326

FILE NAME = #FILES  
 LEVELS = #LEVELS  
 PLOT SCALE = #PLOTS/SCALE  
 PLOT DATE = Fri Sep 02 07:38:54 2005  
 PLOTOR = j...  
 REF REF REF

# STAGE 4

CONTRACT NO. 64517				
F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
573	116R-4	DEKALB	416	207
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		



TEMPORARY CURB		
STA.	OFFSET	ELEV.
843+50	30'LT	738.43
843+75	30'LT	738.25
844+00	30'LT	738.16
844+25	30'LT	738.15
844+50	30'LT	738.10
845+00	30'LT	737.95
845+25	30'LT	737.76
845+50	30'LT	737.50
846+00	30'LT	737.47
846+25	30'LT	737.23
846+50	30'LT	737.16
847+00	30'LT	736.97
847+25	30'LT	736.97
847+50	30'LT	736.84
847+75	30'LT	736.64
848+00	30'LT	737.00
848+25	30'LT	737.08
848+50	30'LT	737.10
849+00	30'LT	737.11
849+25	30'LT	737.11
849+50	30'LT	737.13

TEMPORARY WIDENING

TRAFFIC CONTROL & PROTECTION SHALL BE SET UP AND PAID FOR ACCORDING TO STD. 701326.

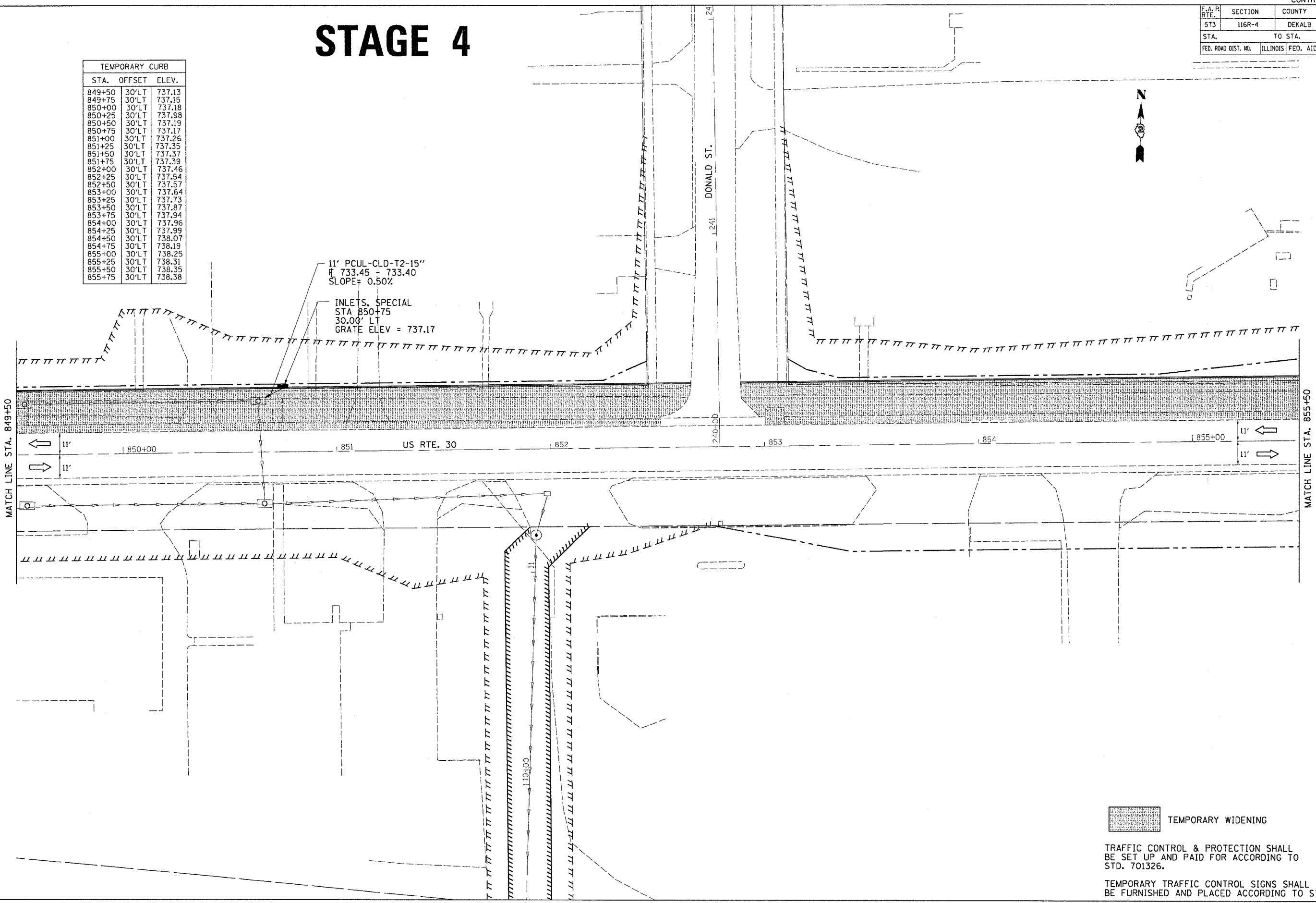
TEMPORARY TRAFFIC CONTROL SIGNS SHALL BE FURNISHED AND PLACED ACCORDING TO STD. 701326

FILE NAME = #FILES  
 LEVELS = #LEVELS  
 SCALE = #SCALE  
 PLOT DATE = Fri Sep 02 07:38:55 2005  
 OPERATOR = jaredhd  
 REF  
 REF  
 REF

# STAGE 4

F.A. PROJECT NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
573	116R-4	DEKALB	416	208
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS	FED. AID PROJECT	

TEMPORARY CURB				
STA.	OFFSET	ELEV.		
849+50	30'LT	737.13		
849+75	30'LT	737.15		
850+00	30'LT	737.18		
850+25	30'LT	737.98		
850+50	30'LT	737.19		
850+75	30'LT	737.17		
851+00	30'LT	737.26		
851+25	30'LT	737.35		
851+50	30'LT	737.37		
851+75	30'LT	737.39		
852+00	30'LT	737.46		
852+25	30'LT	737.54		
852+50	30'LT	737.57		
853+00	30'LT	737.64		
853+25	30'LT	737.73		
853+50	30'LT	737.87		
853+75	30'LT	737.94		
854+00	30'LT	737.96		
854+25	30'LT	737.99		
854+50	30'LT	738.07		
854+75	30'LT	738.19		
855+00	30'LT	738.25		
855+25	30'LT	738.31		
855+50	30'LT	738.35		
855+75	30'LT	738.38		



11' PCUL-CLD-T2-15"  
 H 733.45 - 733.40  
 SLOPE = 0.50%

INLETS, SPECIAL  
 STA 850+75  
 30.00' LT  
 GRATE ELEV = 737.17

MATCH LINE STA. 849+50

MATCH LINE STA. 855+50

 TEMPORARY WIDENING

TRAFFIC CONTROL & PROTECTION SHALL BE SET UP AND PAID FOR ACCORDING TO STD. 701326.

TEMPORARY TRAFFIC CONTROL SIGNS SHALL BE FURNISHED AND PLACED ACCORDING TO STD. 701326

FILE NAME = #FILES  
 LEVELS = #LEVELS  
 PLOT SCALE = #PLOTS/SCALE  
 PLOT DATE = Fri Sep 02 07:16:58 2005  
 PLOTTER = Jordan  
 REF REF REF

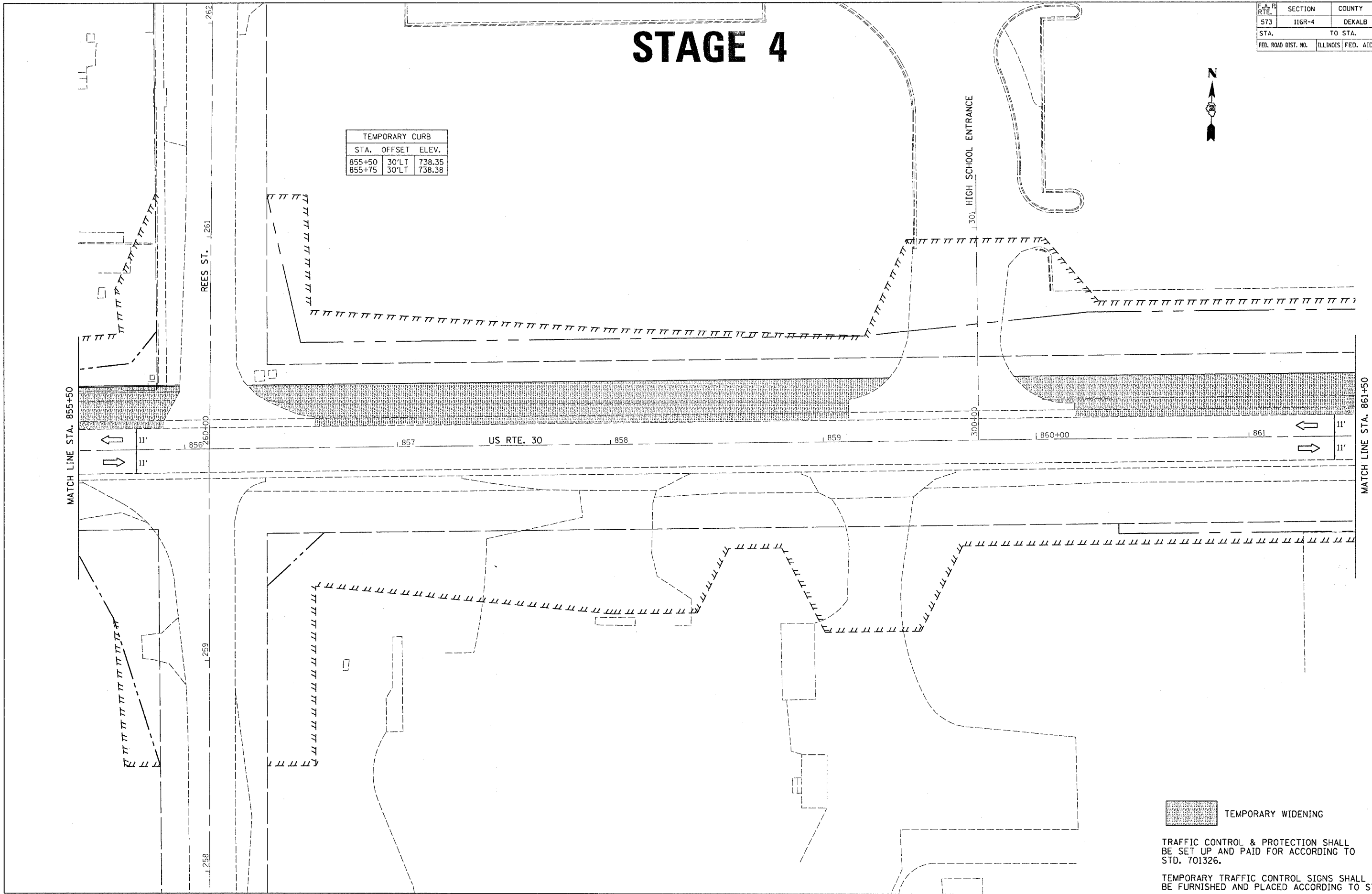


F.A. PROJECT NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
573	116R-4	DEKALB	416	209
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS	FED. AID PROJECT	

# STAGE 4



TEMPORARY CURB		
STA.	OFFSET	ELEV.
855+50	30'LT	738.35
855+75	30'LT	738.38



 TEMPORARY WIDENING

TRAFFIC CONTROL & PROTECTION SHALL BE SET UP AND PAID FOR ACCORDING TO STD. 701326.

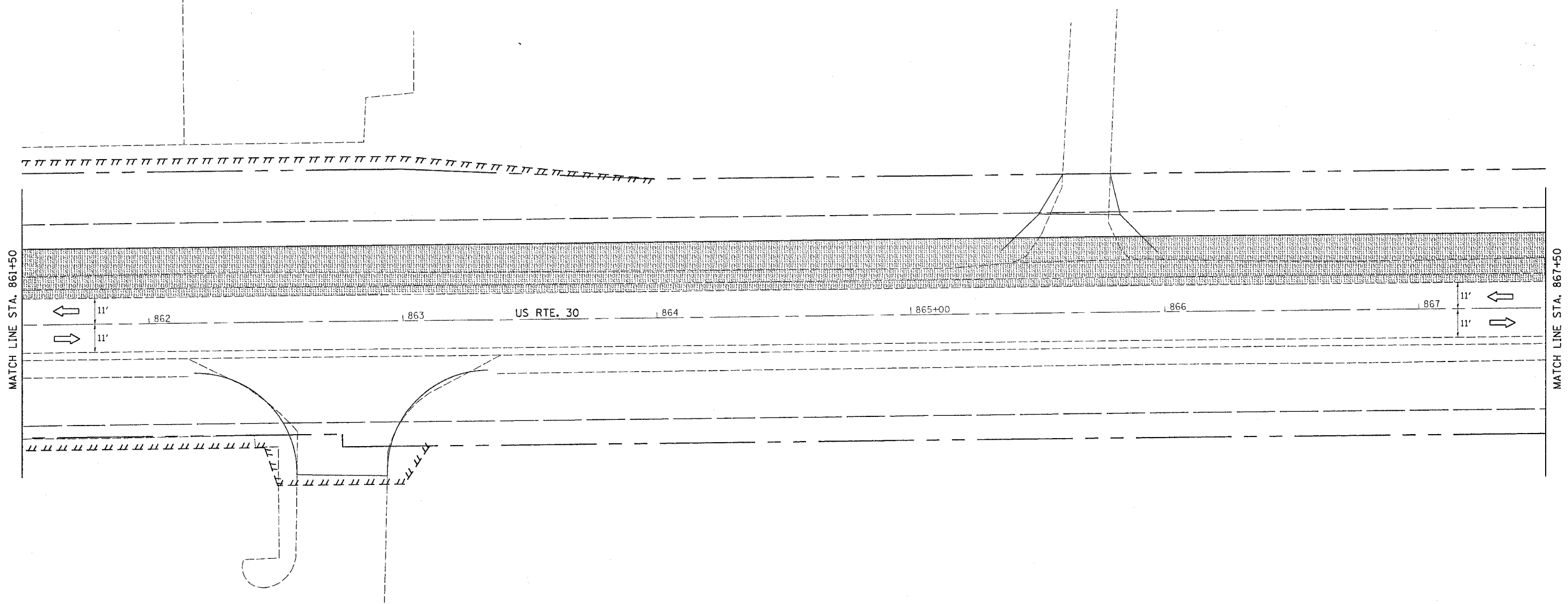
TEMPORARY TRAFFIC CONTROL SIGNS SHALL BE FURNISHED AND PLACED ACCORDING TO STD. 701326

FILE NAME = #FILES\*  
 LEVELS = #LEVELS\*  
 PLOT SCALE = #PLOTSCALE\*  
 PLOT DATE = Fr, Sep 02 07:57:00 2005  
 REF = #REF\*  
 REF = #REF\*

# STAGE 4

CONTRACT NO. 64517

F.A.R. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
573	116R-4	DEKALB	416	210
STA.		TO STA.		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		



FILE NAME = 47115  
 LEVELS = 47115  
 PLOT SCALE = 47115  
 PLOT DATE = Fri Sep 02 07:57:42 2005  
 OPERATOR = Jordanhd  
 REF REF REF

 TEMPORARY WIDENING

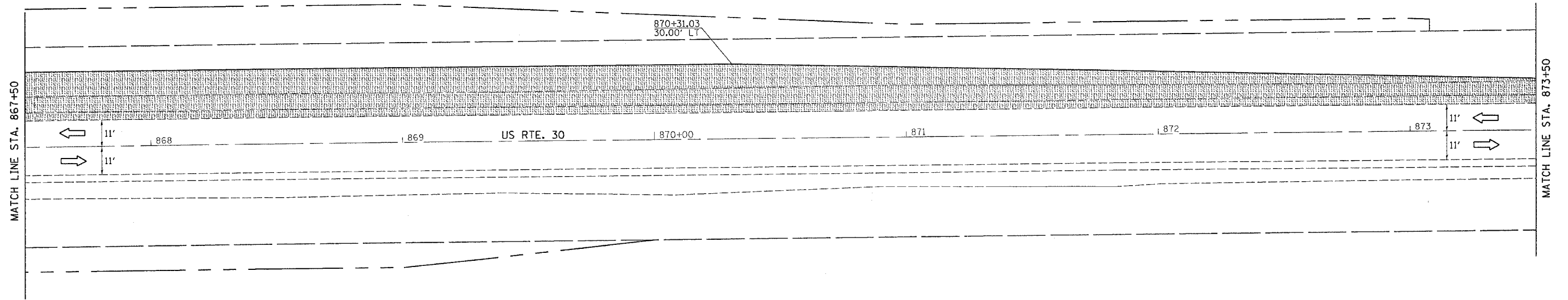
TRAFFIC CONTROL & PROTECTION SHALL BE SET UP AND PAID FOR ACCORDING TO STD. 701326.

TEMPORARY TRAFFIC CONTROL SIGNS SHALL BE FURNISHED AND PLACED ACCORDING TO STD. 701326

# STAGE 4

CONTRACT NO. 64517

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
573	116R-4	DEKALB	416	211
STA.		TO STA.		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		



FILE NAME = STILES  
 LEVELS = WELLS  
 PLOT SCALE = PLOTSCALE  
 PLOT DATE = Fri Sep 02 07:37:44 2005  
 OPERATOR = Jordanhd  
 REF REF REF

 TEMPORARY WIDENING

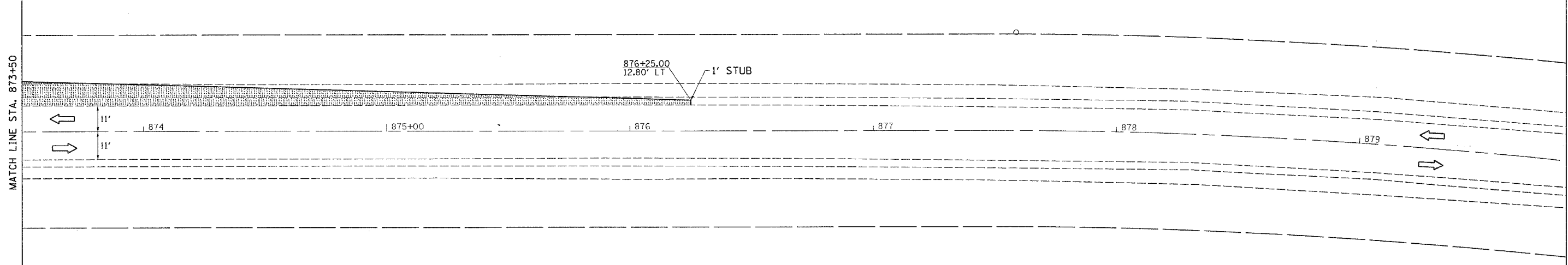
TRAFFIC CONTROL & PROTECTION SHALL BE SET UP AND PAID FOR ACCORDING TO STD. 701326.

TEMPORARY TRAFFIC CONTROL SIGNS SHALL BE FURNISHED AND PLACED ACCORDING TO STD. 701326

# STAGE 4

CONTRACT NO. 64517

F.A. PROJECT NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
573	116R-4	DEKALB	416	212
STA.		TO STA.		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		



 TEMPORARY WIDENING

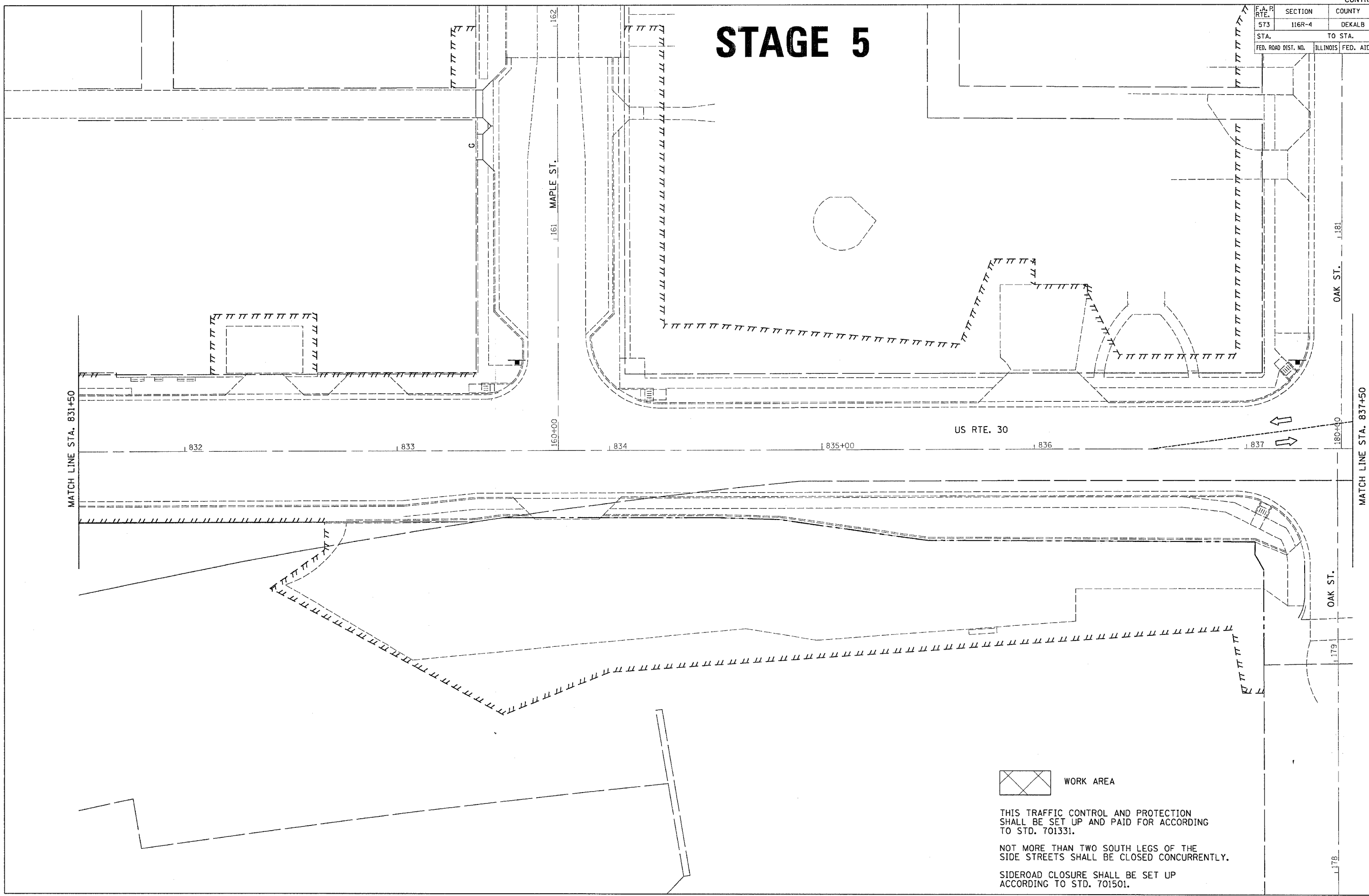
TRAFFIC CONTROL & PROTECTION SHALL BE SET UP AND PAID FOR ACCORDING TO STD. 701326.


TEMPORARY TRAFFIC CONTROL SIGNS SHALL BE FURNISHED AND PLACED ACCORDING TO STD. 701326

FILE NAME : #FILES  
 LEVELS : #LEVELS  
 PLOT SCALE : #PLOTS/SCALE  
 PLOT DATE : Fri Sep 02 07:57:05 2005  
 PLOTOR : Jorjand  
 REF  
 REF  
 REF

F.A. PI RTE. 573	SECTION 116R-4	COUNTY DEKALB	TOTAL SHEETS 416	SHEET NO. 213
STA.		TO STA.		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		

# STAGE 5



 WORK AREA

THIS TRAFFIC CONTROL AND PROTECTION SHALL BE SET UP AND PAID FOR ACCORDING TO STD. 701331.

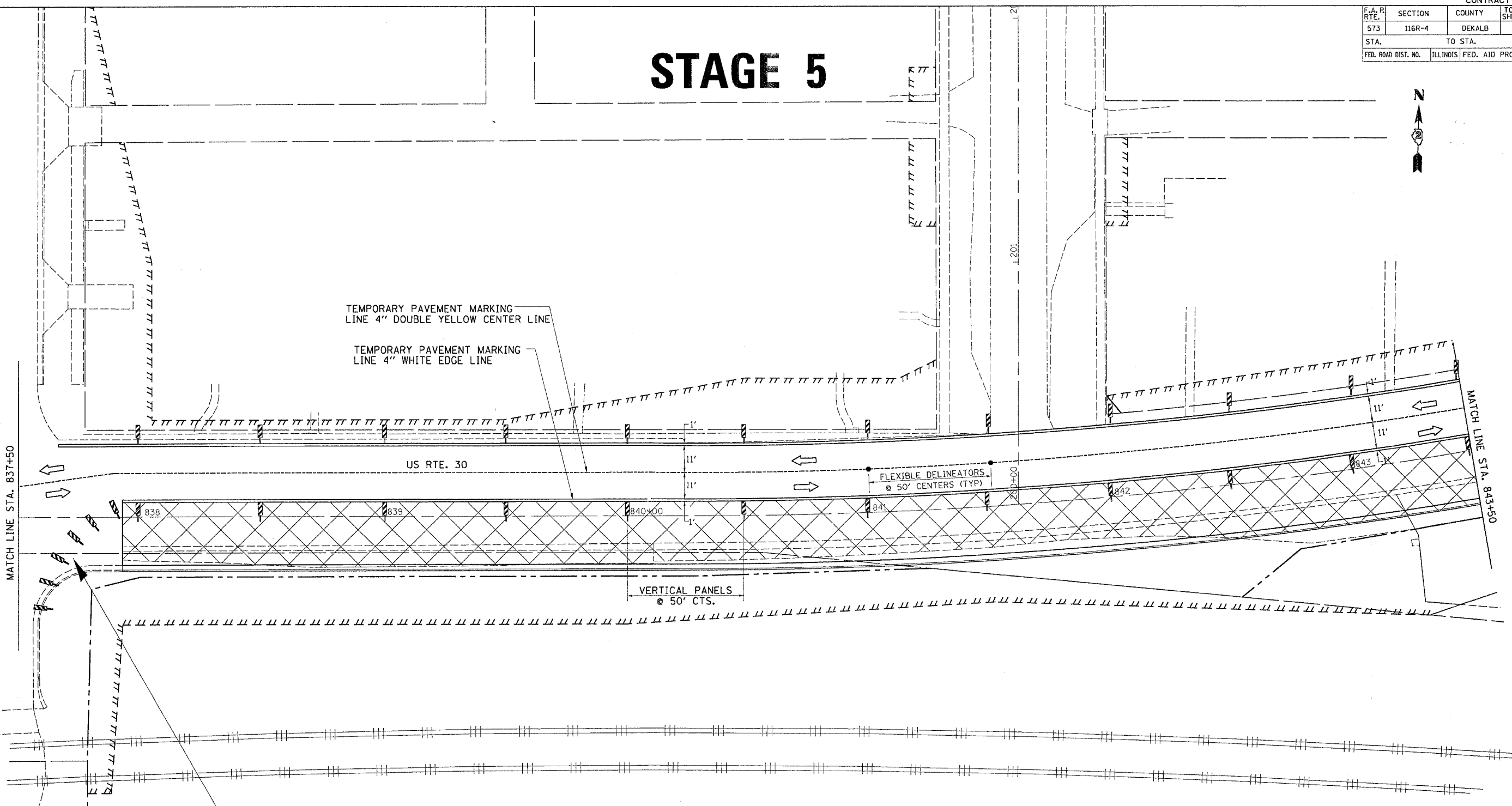
NOT MORE THAN TWO SOUTH LEGS OF THE SIDE STREETS SHALL BE CLOSED CONCURRENTLY.

SIDEROAD CLOSURE SHALL BE SET UP ACCORDING TO STD. 701501.

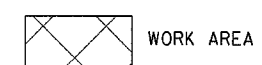
FILE NAME = #FILES  
LEVELS = #LEVELS  
PLOT SCALE = #PLOTS/SCALE  
PLOT DATE = Fri Sep 02 09:57:10 2005  
DRAWN BY = jordan  
REF REF

F.A. P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
573	116R-4	DEKALB	416	214
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS	FED. AID PROJECT	

# STAGE 5



This area needs to be addressed.



TEMPORARY TRAFFIC CONTROL SIGNS SHALL BE FURNISHED AND PLACED ACCORDING TO STD. 701331.

NOT MORE THAN TWO NORTH LEGS OF THE SIDESTREETS SHALL BE CLOSED CONCURRENTLY.

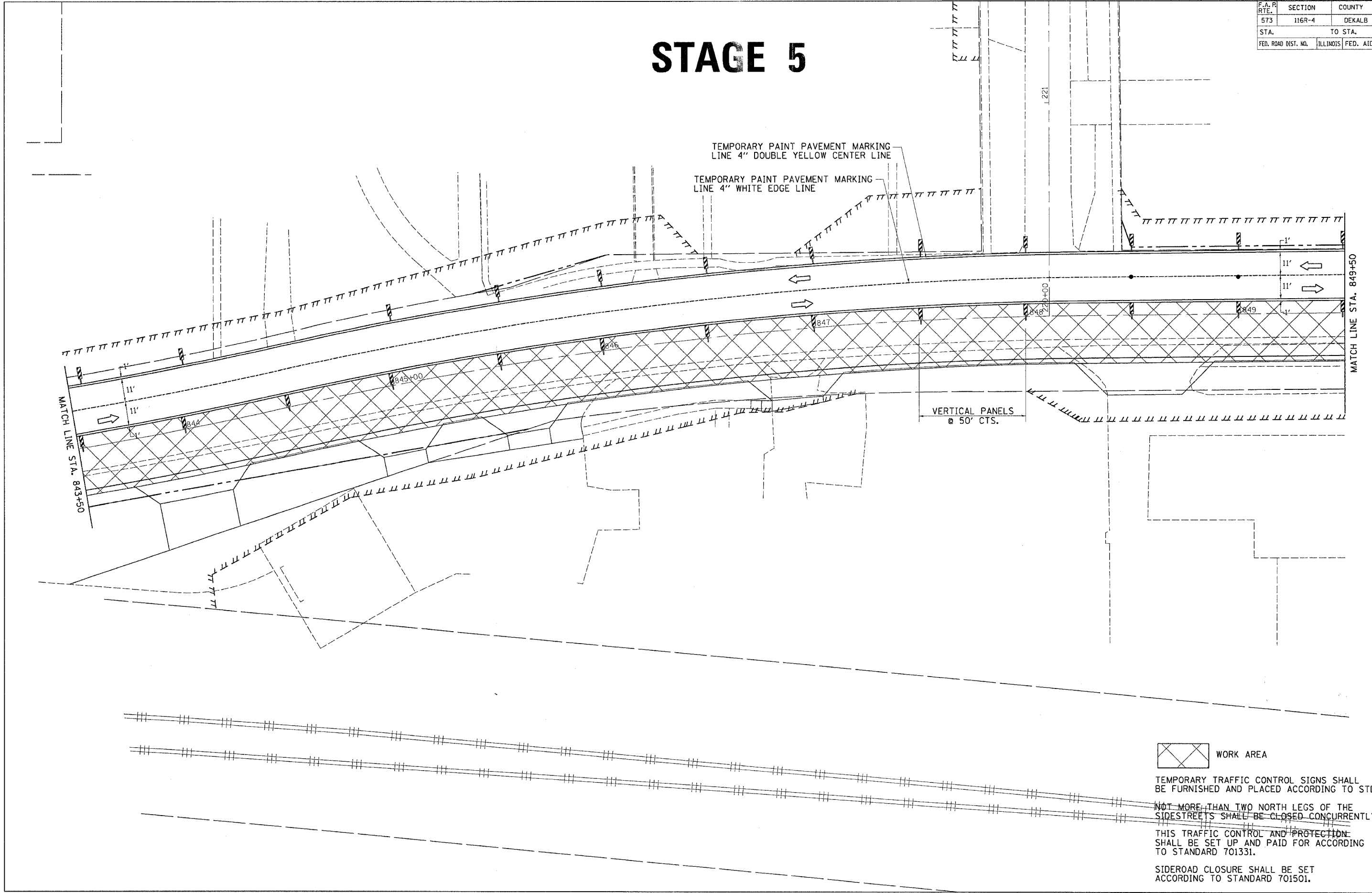
THIS TRAFFIC CONTROL AND PROTECTION SHALL BE SET UP AND PAID FOR ACCORDING TO STANDARD 701331.

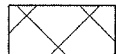
SIDEROAD CLOSURE SHALL BE SET ACCORDING TO STANDARD 701501.

FILE NAME = #FILES  
 LEVELS = #LEVELS  
 PLOT SCALE = #PLOTS/SCALE  
 PLOT DATE = Fr, Sep 02 07:57:06 2005  
 REF = #REF  
 REF = #REF

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
573	116R-4	DEKALB	416	215
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS	FED. AID PROJECT	

# STAGE 5



 WORK AREA

TEMPORARY TRAFFIC CONTROL SIGNS SHALL BE FURNISHED AND PLACED ACCORDING TO STD. 701331.

NOT MORE THAN TWO NORTH LEGS OF THE SIDESTREETS SHALL BE CLOSED CONCURRENTLY.

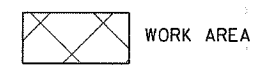
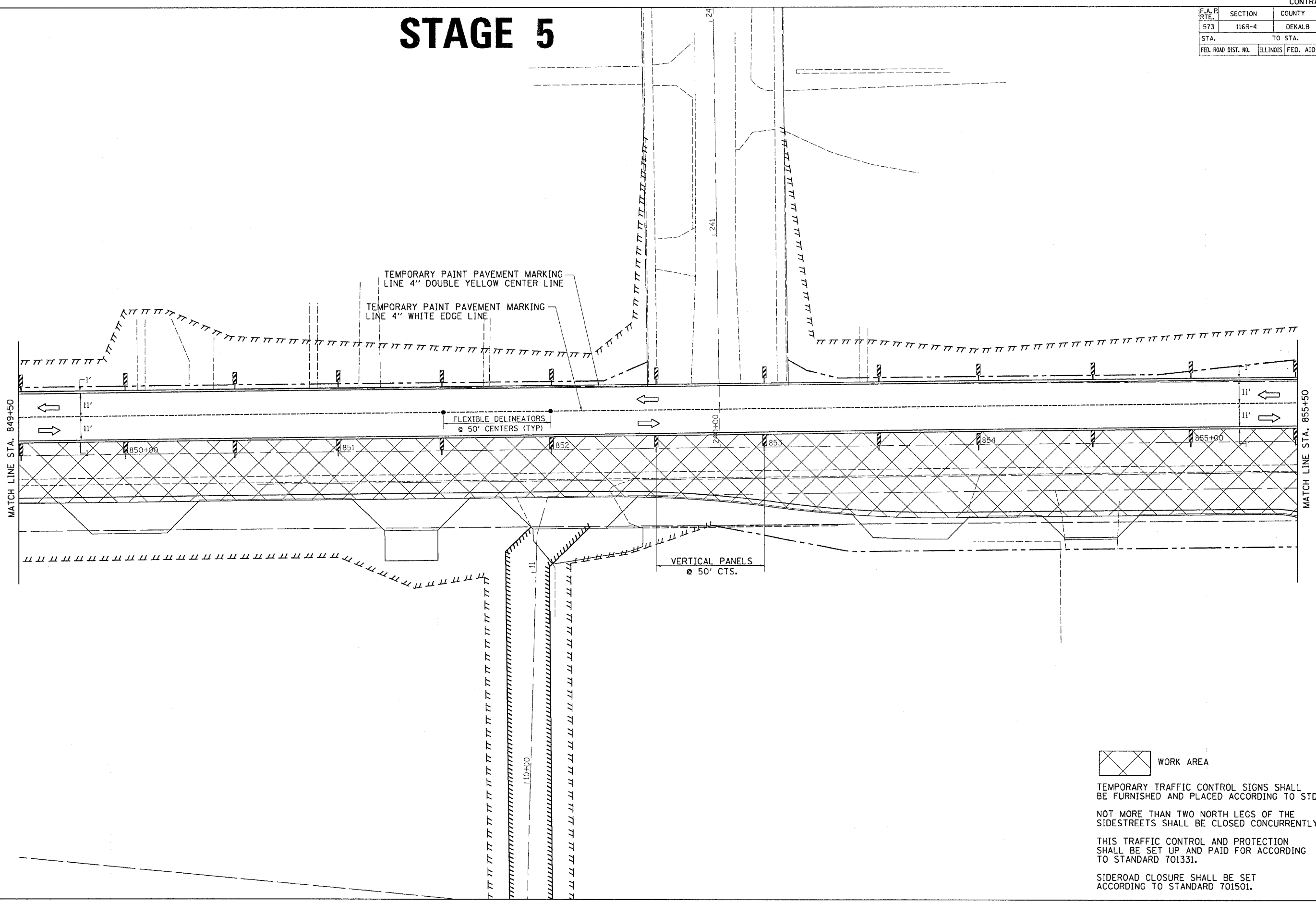
THIS TRAFFIC CONTROL AND PROTECTION SHALL BE SET UP AND PAID FOR ACCORDING TO STANDARD 701331.

SIDEROAD CLOSURE SHALL BE SET ACCORDING TO STANDARD 701501.

FILE NAME = #FILES  
 LEVELS = #LEVELS  
 PLOT SCALE = #PLOTS/SCALE  
 PLOT DATE = Fri Sep 02 07:37:07 2005  
 REF = Jorden  
 REF  
 REF

F.A.R. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
573	116R-4	DEKALB	416	216
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS	FED. AID PROJECT	

# STAGE 5



WORK AREA

TEMPORARY TRAFFIC CONTROL SIGNS SHALL BE FURNISHED AND PLACED ACCORDING TO STD. 701331.

NOT MORE THAN TWO NORTH LEGS OF THE SIDESTREETS SHALL BE CLOSED CONCURRENTLY.

THIS TRAFFIC CONTROL AND PROTECTION SHALL BE SET UP AND PAID FOR ACCORDING TO STANDARD 701331.

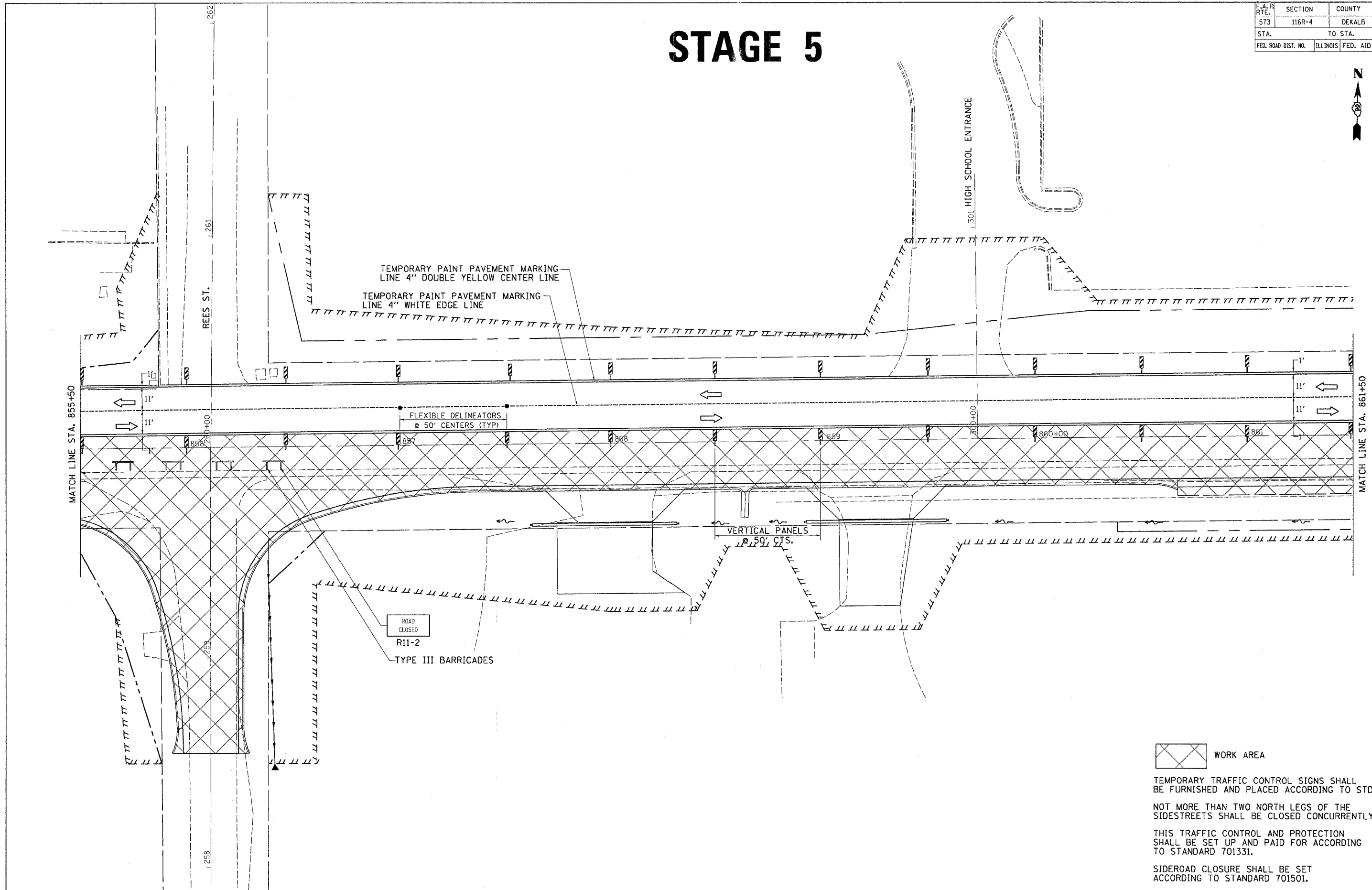
SIDEROAD CLOSURE SHALL BE SET ACCORDING TO STANDARD 701501.

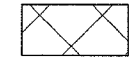
FILE NAME = #116R-4  
 LEVELS = #116R-4  
 PLOT SCALE = #116R-4  
 PLOT DATE = #116R-4  
 OPERATOR = #116R-4  
 REF REF REF REF



F.A. P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
573	116R-4	DEKALB	416	217
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS	FED. AID PROJECT	

# STAGE 5



 WORK AREA

TEMPORARY TRAFFIC CONTROL SIGNS SHALL BE FURNISHED AND PLACED ACCORDING TO STD. 701331.

NOT MORE THAN TWO NORTH LEGS OF THE SIDESTREETS SHALL BE CLOSED CONCURRENTLY.

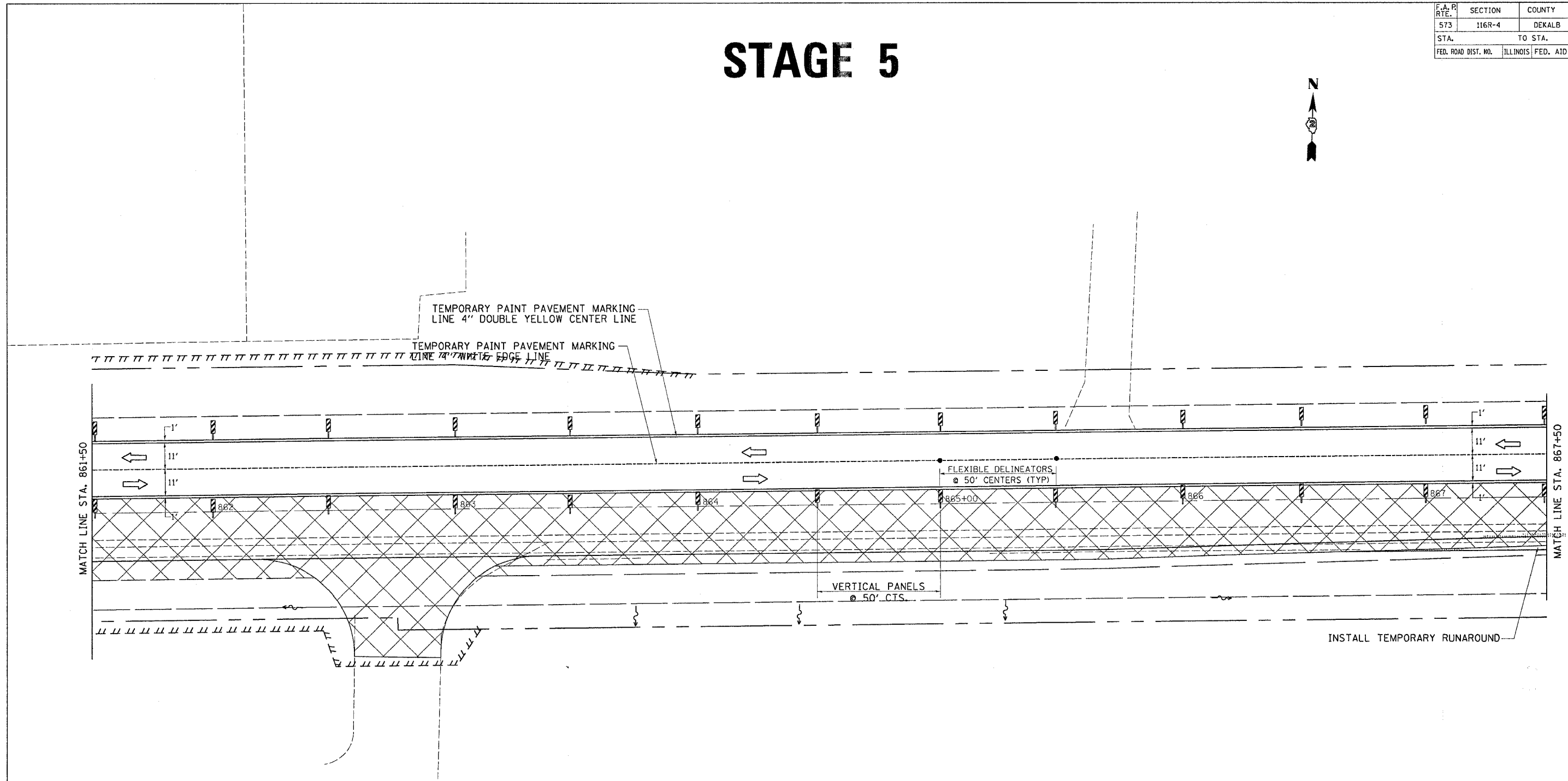
THIS TRAFFIC CONTROL AND PROTECTION SHALL BE SET UP AND PAID FOR ACCORDING TO STANDARD 701331.

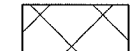
SIDEROAD CLOSURE SHALL BE SET ACCORDING TO STANDARD 701501.

FILE NAME \* STL15  
LEVELS \* LEVELS  
PLOT SCALE \* PLOTSCALE  
PLOT DATE \* Fri Sep 02 07:37:47 2005  
DRAFTER \* jordanhd  
REF \*  
REF \*  
REF \*

F.A. P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
573	116R-4	DEKALB	416	218
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		

# STAGE 5



 WORK AREA

TEMPORARY TRAFFIC CONTROL SIGNS SHALL BE FURNISHED AND PLACED ACCORDING TO STD. 701331.

NOT MORE THAN TWO NORTH LEGS OF THE SIDESTREETS SHALL BE CLOSED CONCURRENTLY.

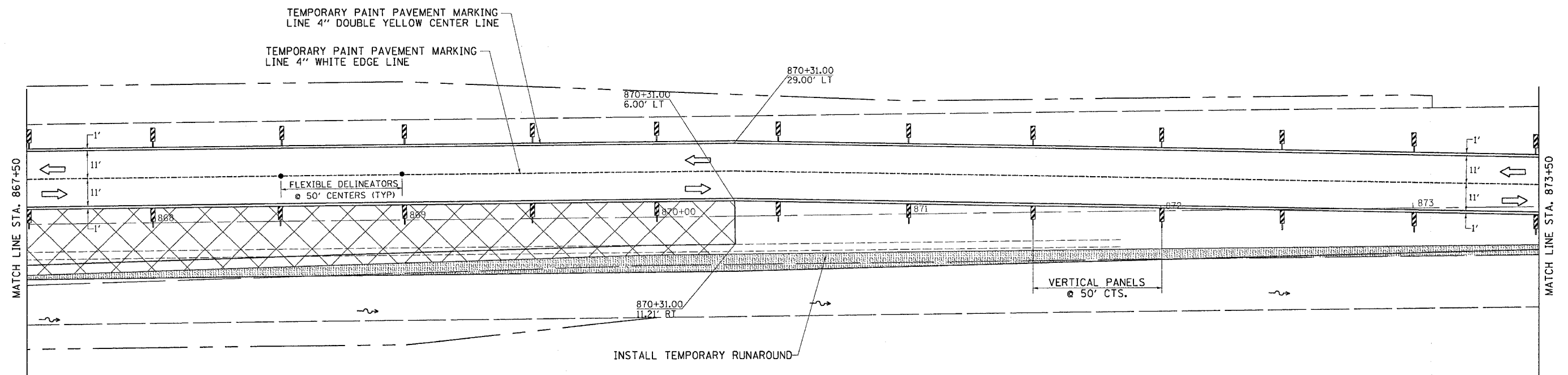
THIS TRAFFIC CONTROL AND PROTECTION SHALL BE SET UP AND PAID FOR ACCORDING TO STANDARD 701331.

SIDEROAD CLOSURE SHALL BE SET ACCORDING TO STANDARD 701501.

FILE NAME = #116R-4  
 LEVELS = #LEVELS  
 PLOT SCALE = #PLOTS/SCALE  
 PLOT DATE = F1 Sep 82 07:37:47 2885  
 DREAMTOR = Jordanhd  
 REF REF REF

F.A. PROJECT NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
573	116R-4	DEKALB	416	219
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS	FED. AID PROJECT	

# STAGE 5



TEMPORARY TRAFFIC CONTROL SIGNS SHALL BE FURNISHED AND PLACED ACCORDING TO STD. 701331.

NOT MORE THAN TWO NORTH LEGS OF THE SIDESTREETS SHALL BE CLOSED CONCURRENTLY.

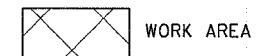
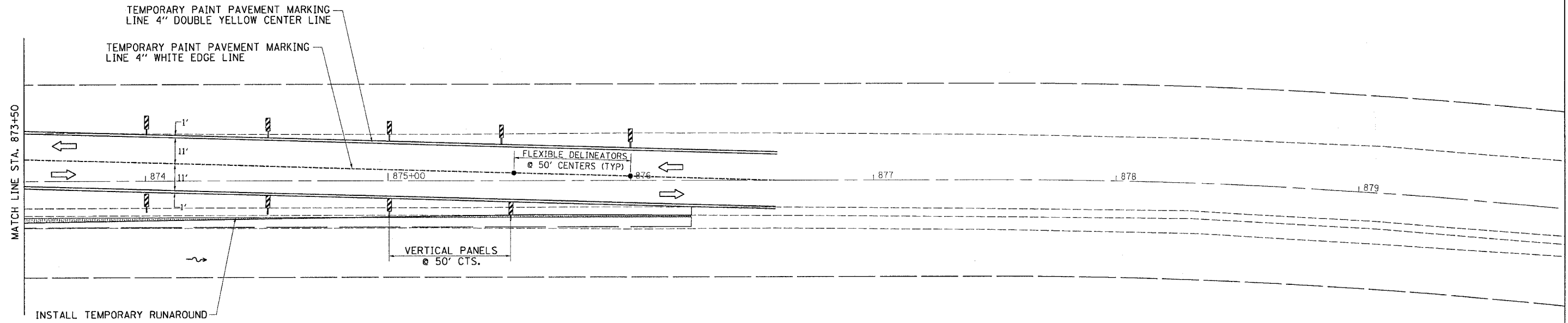
THIS TRAFFIC CONTROL AND PROTECTION SHALL BE SET UP AND PAID FOR ACCORDING TO STANDARD 701331.

SIDEROAD CLOSURE SHALL BE SET ACCORDING TO STANDARD 701501.

FILE NAME : #FILES  
 LEVELS : #LEVELS  
 PLOT SCALE : #PLOTS/SCALE  
 PLOT DATE : Fri Sep 02 07:37:08 2005  
 REFLECTOR : Jordan  
 REF REF

F.A. P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
573	116R-4	DEKALB	416	220
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS	FED. AID PROJECT	

# STAGE 5



TEMPORARY TRAFFIC CONTROL SIGNS SHALL BE FURNISHED AND PLACED ACCORDING TO STD. 701331.

NOT MORE THAN TWO NORTH LEGS OF THE SIDESTREETS SHALL BE CLOSED CONCURRENTLY.

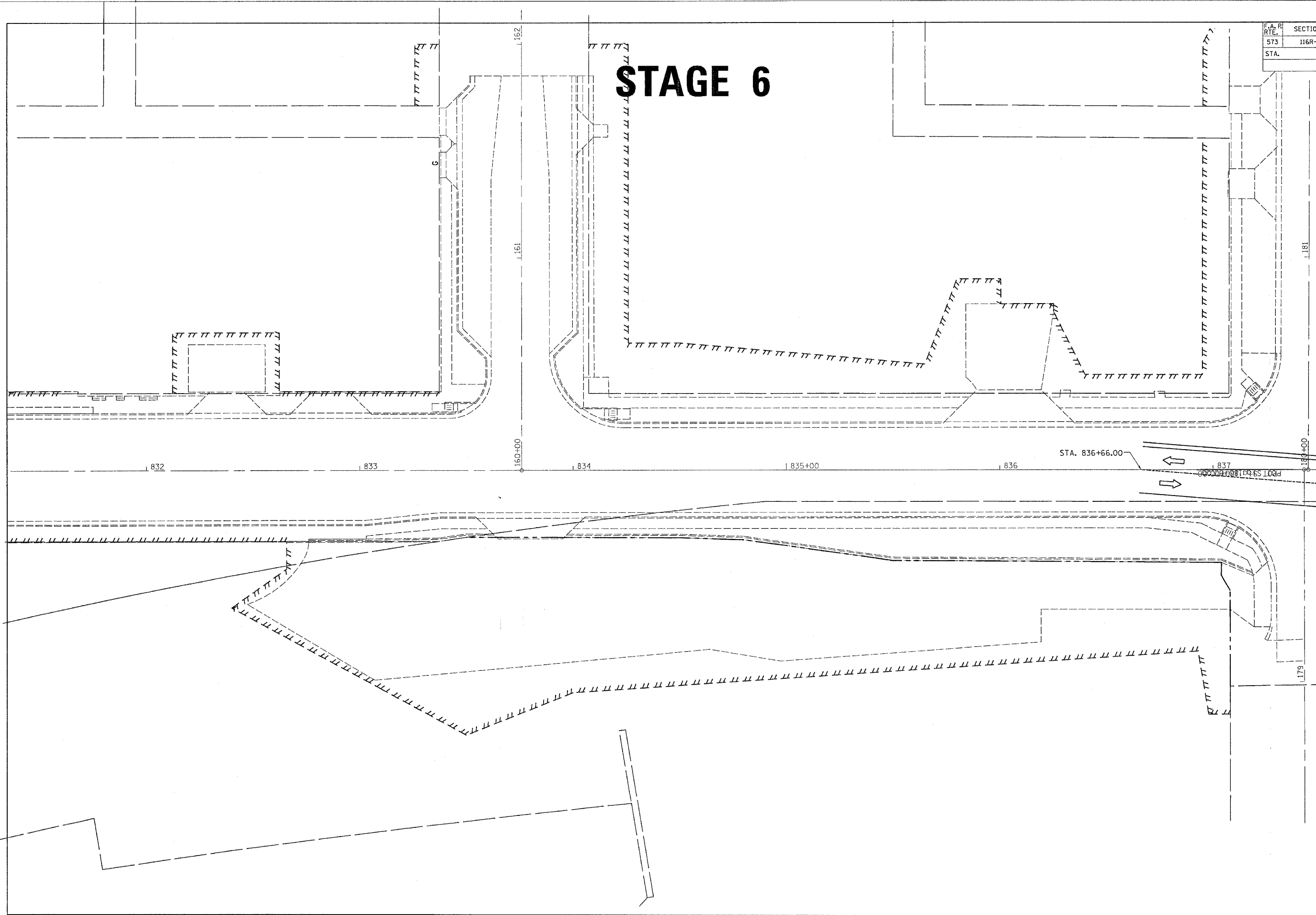
THIS TRAFFIC CONTROL AND PROTECTION SHALL BE SET UP AND PAID FOR ACCORDING TO STANDARD 701331.

SIDEROAD CLOSURE SHALL BE SET ACCORDING TO STANDARD 701501.

FILE NAME = #FILES  
 LEVELS = #LEVELS  
 PLOT SCALE = #PLOTS/SCALE  
 PLOT DATE = Fri Sep 02 07:37:00 2005  
 PLOTTER = Jordan  
 REF REF REF

F.A. PROJECT NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
573	116R-4	DEKALB	416	221
STA.		TO STA.		FED. AID PROJECT

# STAGE 6

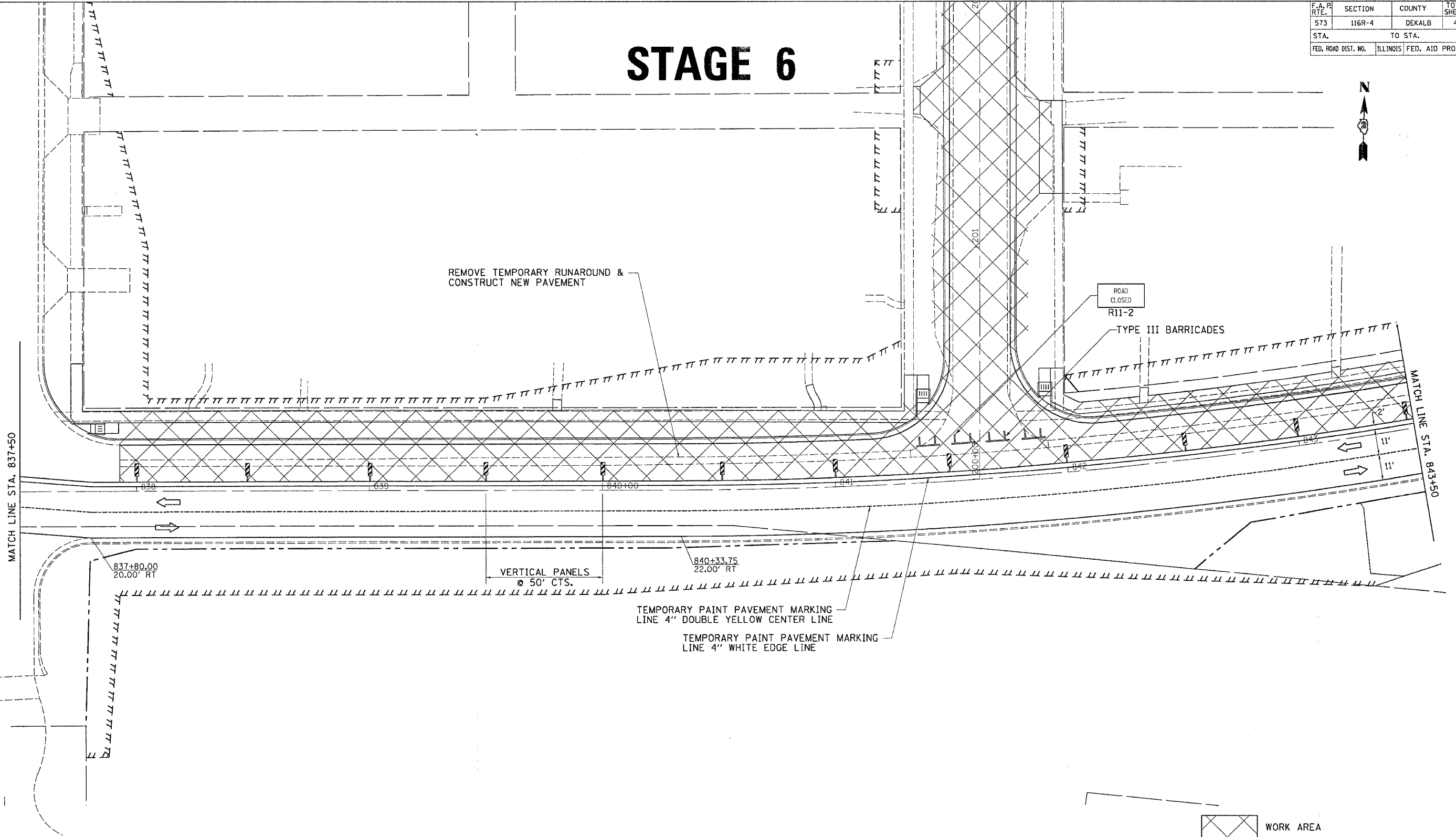


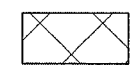
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 LEVELS = #LEVELS\*  
 PLOT SCALE = #PLOTS/SCALE\*  
 PLOT DATE = Fri Sep 02 07:37:00 2005  
 PLOT FOR = Jordan  
 REF REF REF REF

MATCH LINE STA. 837+50

F.A.R. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
573	116R-4	DEKALB	416	222
STA.		TO STA.		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		

# STAGE 6



 WORK AREA

TEMPORARY TRAFFIC CONTROL SIGNS SHALL BE FURNISHED AND PLACED ACCORDING TO STD. 701331.

NOT MORE THAN TWO NORTH LEGS OF THE SIDESTREETS SHALL BE CLOSED CONCURRENTLY.

THIS TRAFFIC CONTROL AND PROTECTION SHALL BE SET UP AND PAID FOR ACCORDING TO STANDARD 701331.

SIDEROAD CLOSURE SHALL BE SET ACCORDING TO STANDARD 701501.

FILE NAME = #FILES  
 LEVELS = #LEVELS  
 PLOT SCALE = #PLOTS/SCALE  
 PLOT DATE = Fri Sep 02 07:37:49 2005  
 OPERATOR = Jordanhd  
 REF REF REF REF

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
573	116R-4	DEKALB	416	223
STA.		TO STA.		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		

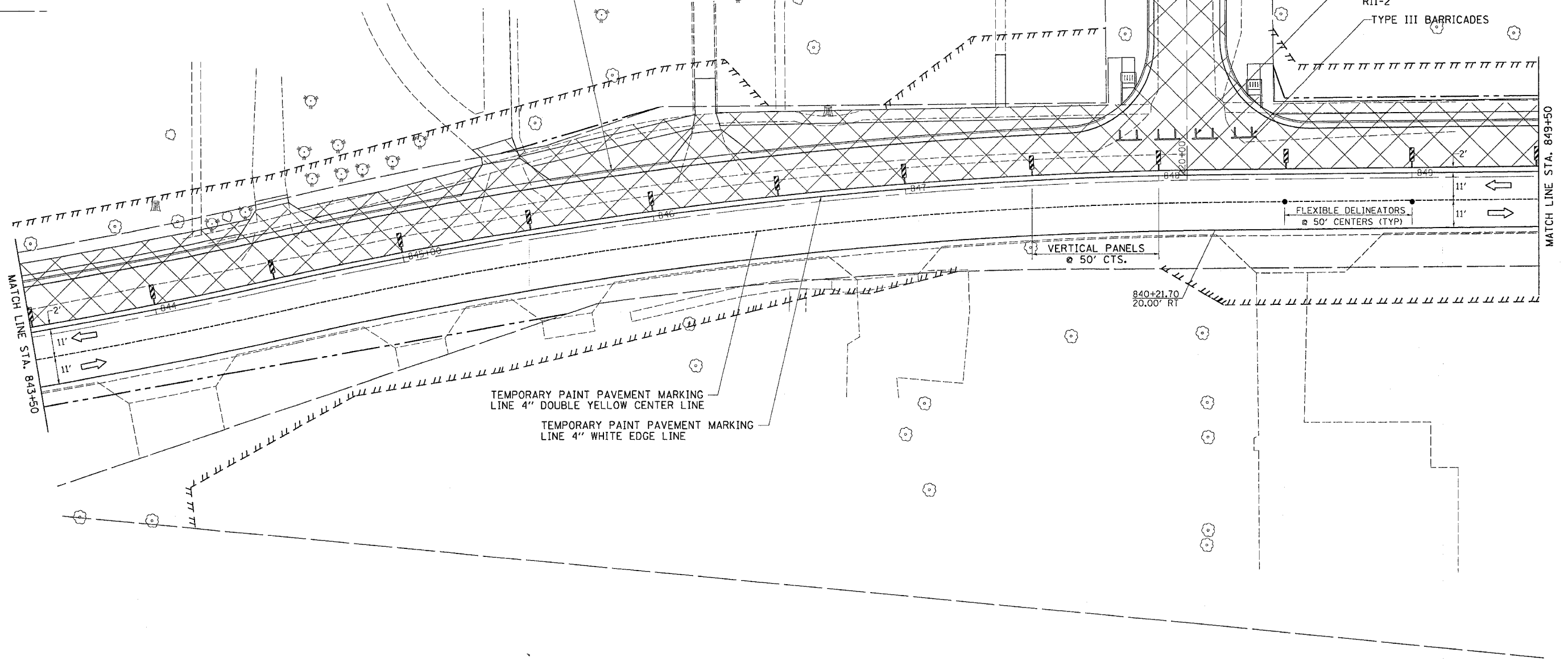
# STAGE 6



REMOVE TEMPORARY RUNAROUND &  
CONSTRUCT NEW PAVEMENT

ROAD  
CLOSED  
R11-2

TYPE III BARRICADES



TEMPORARY PAINT PAVEMENT MARKING  
LINE 4" DOUBLE YELLOW CENTER LINE  
TEMPORARY PAINT PAVEMENT MARKING  
LINE 4" WHITE EDGE LINE


VERTICAL PANELS  
@ 50' CTS.

FLEXIBLE DELINEATORS  
@ 50' CENTERS (TYP)

840+21.70  
20.00' RT

MATCH LINE STA. 843+50

MATCH LINE STA. 849+50

 WORK AREA

TEMPORARY TRAFFIC CONTROL SIGNS SHALL  
BE FURNISHED AND PLACED ACCORDING TO STD. 701331.

NOT MORE THAN TWO NORTH LEGS OF THE  
SIDESTREETS SHALL BE CLOSED CONCURRENTLY.

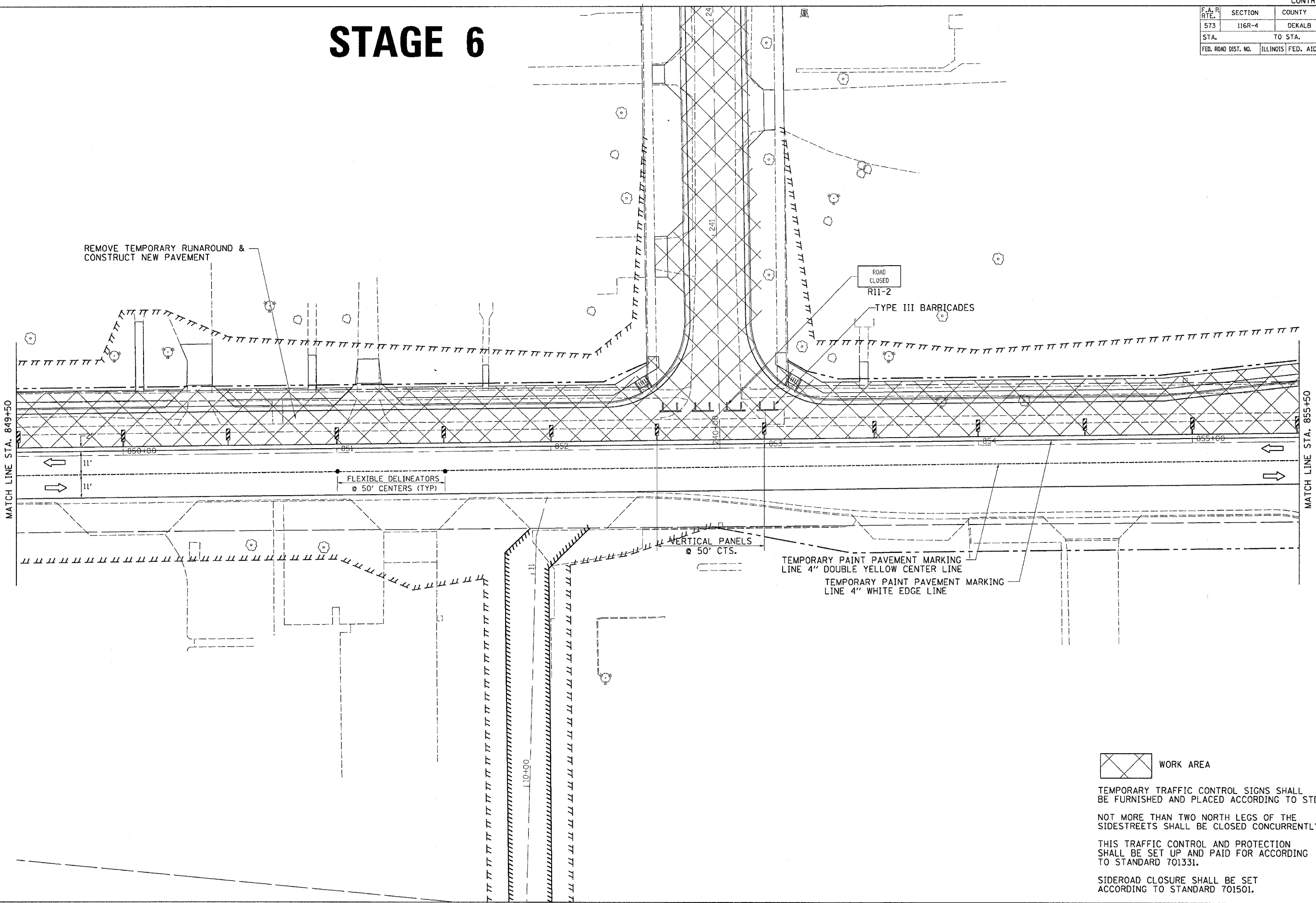
THIS TRAFFIC CONTROL AND PROTECTION  
SHALL BE SET UP AND PAID FOR ACCORDING  
TO STANDARD 701331.


SIDEROAD CLOSURE SHALL BE SET  
ACCORDING TO STANDARD 701501.

FILE NAME = #FILES  
LEVELS = #LEVELS  
PLOT SCALE = #PLOTS/SCALE  
PLOT DATE = Fri Sep 02 07:37:09 2005  
REF = JORDAN  
REF =  
REF =

F.A. P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
573	116R-4	DEKALB	416	224
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS	FED. AID PROJECT	

# STAGE 6



 WORK AREA

TEMPORARY TRAFFIC CONTROL SIGNS SHALL BE FURNISHED AND PLACED ACCORDING TO STD. 701331.

NOT MORE THAN TWO NORTH LEGS OF THE SIDESTREETS SHALL BE CLOSED CONCURRENTLY.

THIS TRAFFIC CONTROL AND PROTECTION SHALL BE SET UP AND PAID FOR ACCORDING TO STANDARD 701331.

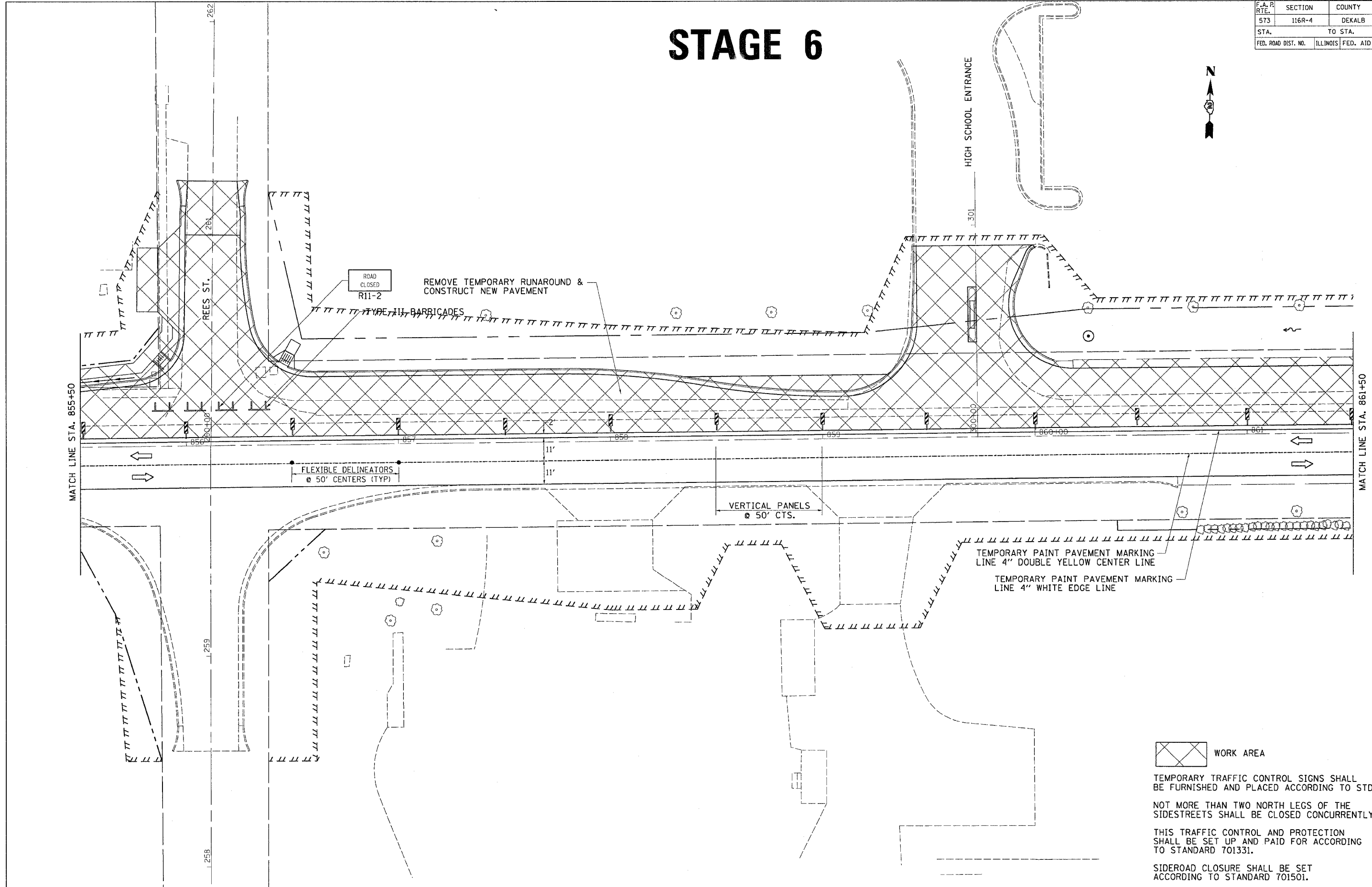
SIDEROAD CLOSURE SHALL BE SET ACCORDING TO STANDARD 701501.

FILE NAME = #FILES  
 LEVELS = #LEVELS  
 PLOT SCALE = #PLOTS/SCALE  
 PLOT DATE = Fri Sep 02 07:37:09 2005  
 PLOT BY = jpw  
 REF REF REF REF



F.A.R. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
573	116R-4	DEKALB	416	225
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		

# STAGE 6



ROAD CLOSED R11-2  
 REMOVE TEMPORARY RUNAROUND & CONSTRUCT NEW PAVEMENT

FLEXIBLE DELINEATORS  
 @ 50' CENTERS (TYP)

VERTICAL PANELS  
 @ 50' CTS.

TEMPORARY PAINT PAVEMENT MARKING  
 LINE 4" DOUBLE YELLOW CENTER LINE

TEMPORARY PAINT PAVEMENT MARKING  
 LINE 4" WHITE EDGE LINE

 WORK AREA

TEMPORARY TRAFFIC CONTROL SIGNS SHALL BE FURNISHED AND PLACED ACCORDING TO STD. 701331.

NOT MORE THAN TWO NORTH LEGS OF THE SIDESTREETS SHALL BE CLOSED CONCURRENTLY.

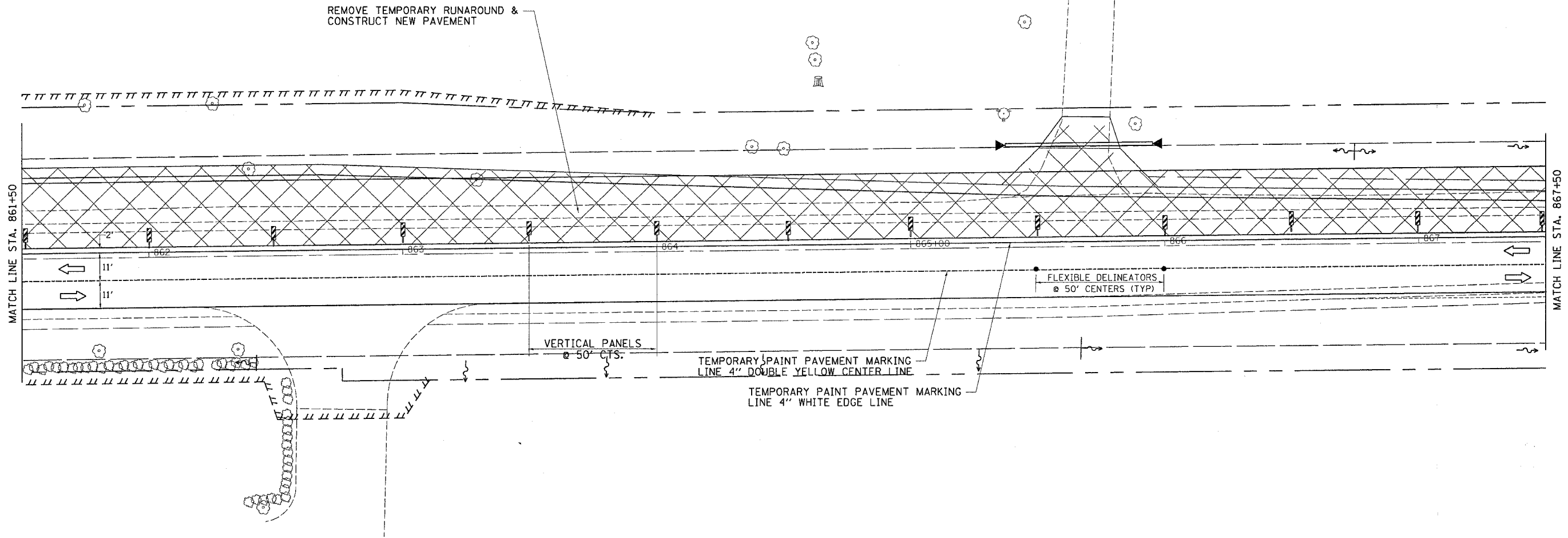
THIS TRAFFIC CONTROL AND PROTECTION SHALL BE SET UP AND PAID FOR ACCORDING TO STANDARD 701331.

SIDEROAD CLOSURE SHALL BE SET ACCORDING TO STANDARD 701501.

FILE NAME = ACFILES  
 LEVELS = BLEVELS  
 PLOT SCALE = PLOTSCALES  
 PLOT DATE = FRI Sep 02 07:37:09 2005  
 OPERATOR = Jordanhd  
 REF REF REF

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
573	116R-4	DEKALB	416	226
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS	FED. AID PROJECT	

# STAGE 6



TEMPORARY TRAFFIC CONTROL SIGNS SHALL BE FURNISHED AND PLACED ACCORDING TO STD. 701331.

NOT MORE THAN TWO NORTH LEGS OF THE SIDESTREETS SHALL BE CLOSED CONCURRENTLY.

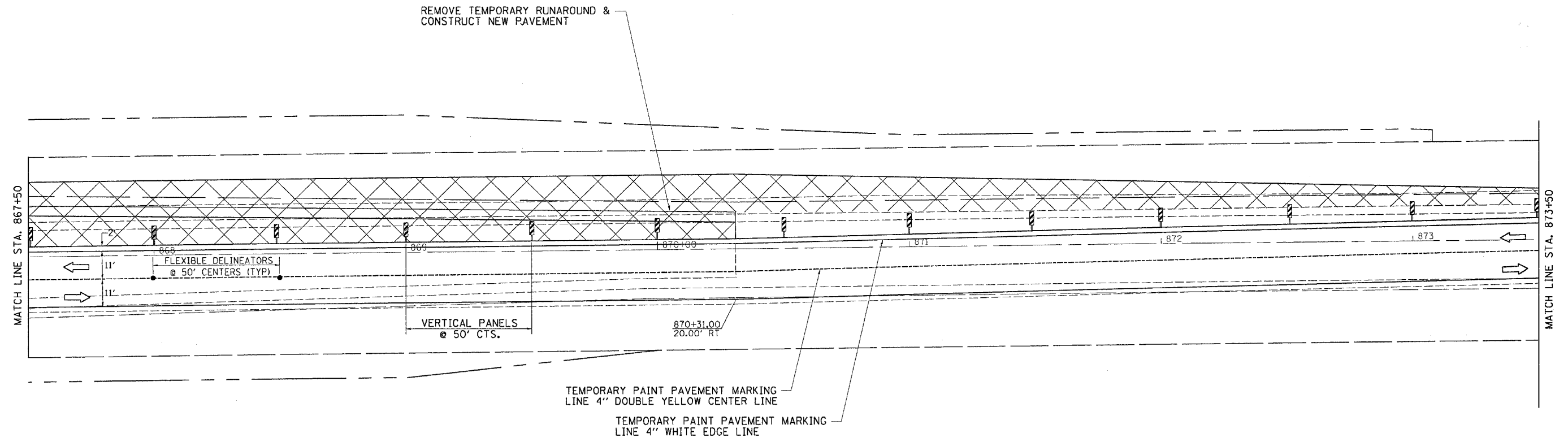
THIS TRAFFIC CONTROL AND PROTECTION SHALL BE SET UP AND PAID FOR ACCORDING TO STANDARD 701331.

SIDEROAD CLOSURE SHALL BE SET ACCORDING TO STANDARD 701501.

FILE NAME = STILES  
 LEVELS = LEVELS  
 PLOT SCALE = PLOTS/SCALE  
 PLOT DATE = Fri Sep 02 07:37:10 2005  
 OPERATOR = Jordanhd  
 REF REF

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
573	116R-4	DEKALB	416	227
STA.		TO STA.		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		

# STAGE 6



WORK AREA

TEMPORARY TRAFFIC CONTROL SIGNS SHALL BE FURNISHED AND PLACED ACCORDING TO STD. 701331.

NOT MORE THAN TWO NORTH LEGS OF THE SIDESTREETS SHALL BE CLOSED CONCURRENTLY.

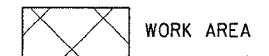
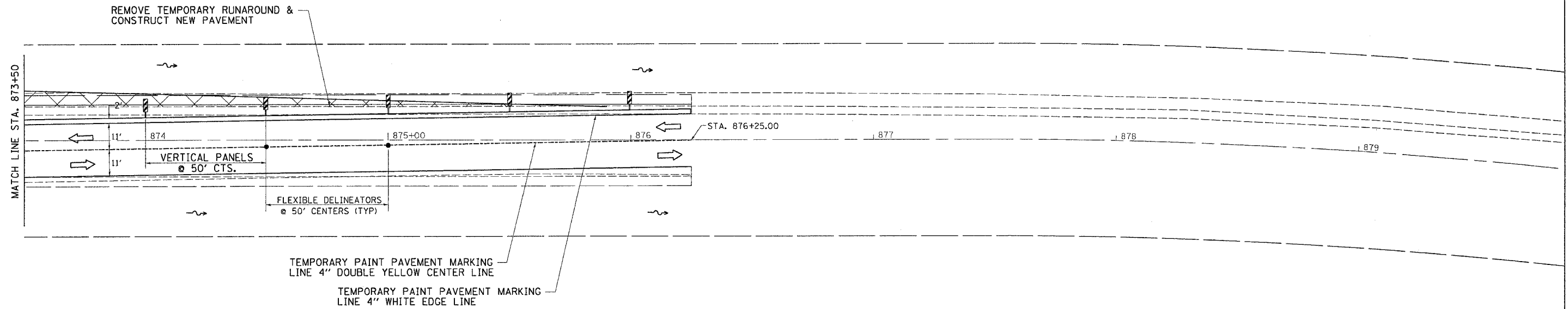
THIS TRAFFIC CONTROL AND PROTECTION SHALL BE SET UP AND PAID FOR ACCORDING TO STANDARD 701331.

SIDEROAD CLOSURE SHALL BE SET ACCORDING TO STANDARD 701501.

FILE NAME = #FILE#  
 LEVELS = #LEVELS#  
 PLOT SCALE = #PLOTSCALE#  
 PLOT DATE = Fri, Sep 02 07:37:10 2005  
 PLOTOR = Jordan  
 REF REF REF REF

F.A. P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
573	116R-4	DEKALB	416	228
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS	FED. AID PROJECT	

# STAGE 6



TEMPORARY TRAFFIC CONTROL SIGNS SHALL BE FURNISHED AND PLACED ACCORDING TO STD. 701331.

NOT MORE THAN TWO NORTH LEGS OF THE SIDESTREETS SHALL BE CLOSED CONCURRENTLY.

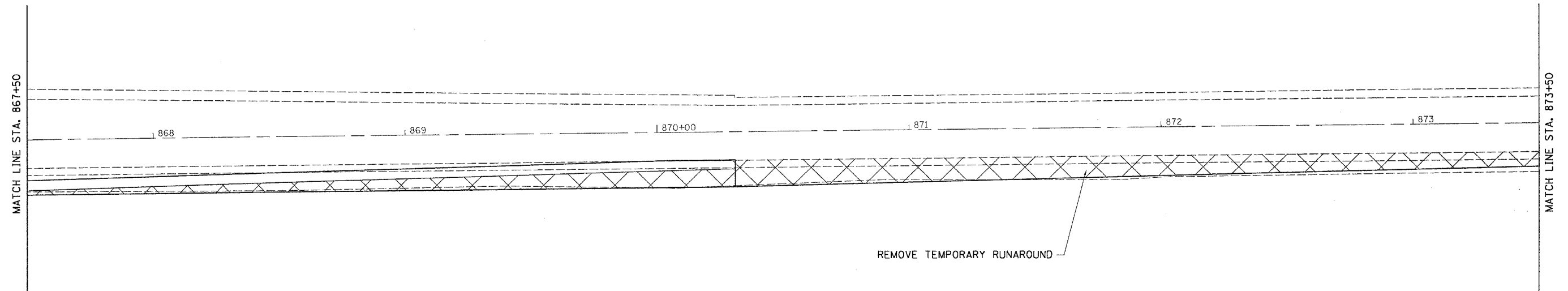
THIS TRAFFIC CONTROL AND PROTECTION SHALL BE SET UP AND PAID FOR ACCORDING TO STANDARD 701331.

SIDEROAD CLOSURE SHALL BE SET ACCORDING TO STANDARD 701501.

FILE NAME = #FILES  
 LEVELS = #LEVELS  
 PLOT SCALE = #PLOTS/SCALE  
 PLOT DATE = Fri Sep 02 07:37:10 2005  
 REF: DRAWN BY: Jordana  
 REF: REF

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
573	116R-4	DEKALB	416	229
STA.		TO STA.		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		

# STAGE 7

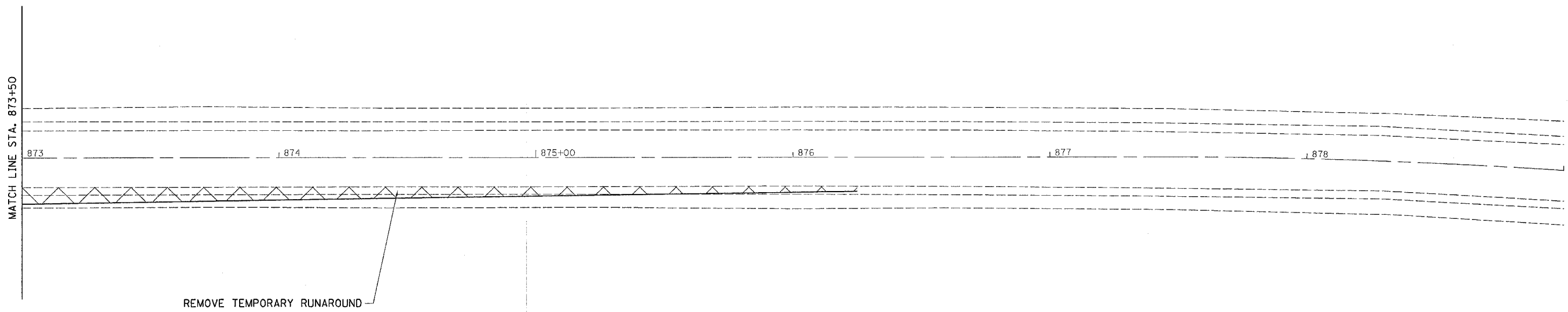


**NOTE:**  
 TEMPORARY TRAFFIC CONTROL SIGNS SHALL BE FURNISHED AND PLACED ACCORDING TO STD. 701326.  
 NOT MORE THAN TWO NORTH LEGS OF THE SIDESTREETS SHALL BE CLOSED CONCURRENTLY.  
 THIS TRAFFIC CONTROL AND PROTECTION SHALL BE SET UP AND PAID FOR ACCORDING TO STANDARD 701326.  
 SIDEROAD CLOSURE SHALL BE SET ACCORDING TO STANDARD 701501.

FILE NAME = #FILES  
 LEVELS = #LEVELS  
 PLOT SCALE = #PLOTS/SCALE  
 PLOT DATE = Fri, Sep 02 07:37:10 2005  
 PLOTTER = Jordan  
 REF REF REF

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
573	116R-4	DEKALB	416	230
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS	FED. AID PROJECT	

# STAGE 7



**NOTE:**

TEMPORARY TRAFFIC CONTROL SIGNS SHALL BE FURNISHED AND PLACED ACCORDING TO STD. 701326.

NOT MORE THAN TWO NORTH LEGS OF THE SIDESTREETS SHALL BE CLOSED CONCURRENTLY.

THIS TRAFFIC CONTROL AND PROTECTION SHALL BE SET UP AND PAID FOR ACCORDING TO STANDARD 701326.

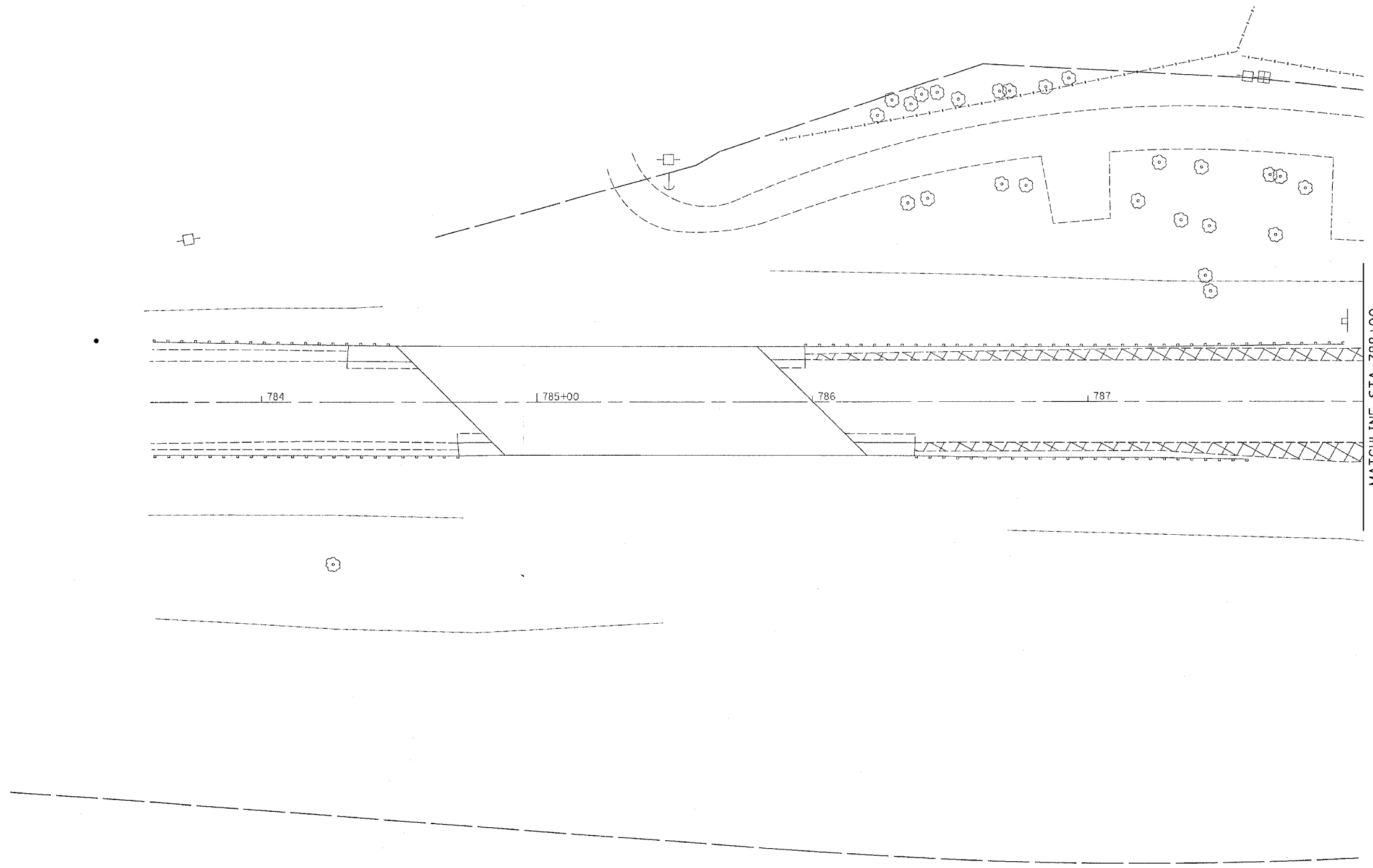
SIDEROAD CLOSURE SHALL BE SET ACCORDING TO STANDARD 701501.

FILE NAME \* SFLCS  
 LEVELS \* LEVELS  
 PLOT SCALE \* PLOTSCALE  
 PLOT DATE \* Fri Sep 02 07:37:10 2005  
 OPERATOR \* Jordand  
 REF  
 REF

# REMOVAL DETAILS

CONTRACT NO. 64517

F.A. P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
573	116R-4	DEKALB	416	231
STA.		TO STA.		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		



PLOT DATE = Fri Sep 02 07:32:12 2005  
 FILE NAME = C:\projects\201700\001700.dwg  
 USER NAME = jasonhd

	PAVEMENT REMOVAL
	EARTH EXCAVATION
	SIDEWALK REMOVAL
	DRIVEWAY PAVEMENT REMOVAL

REVISIONS	
NAME	DATE

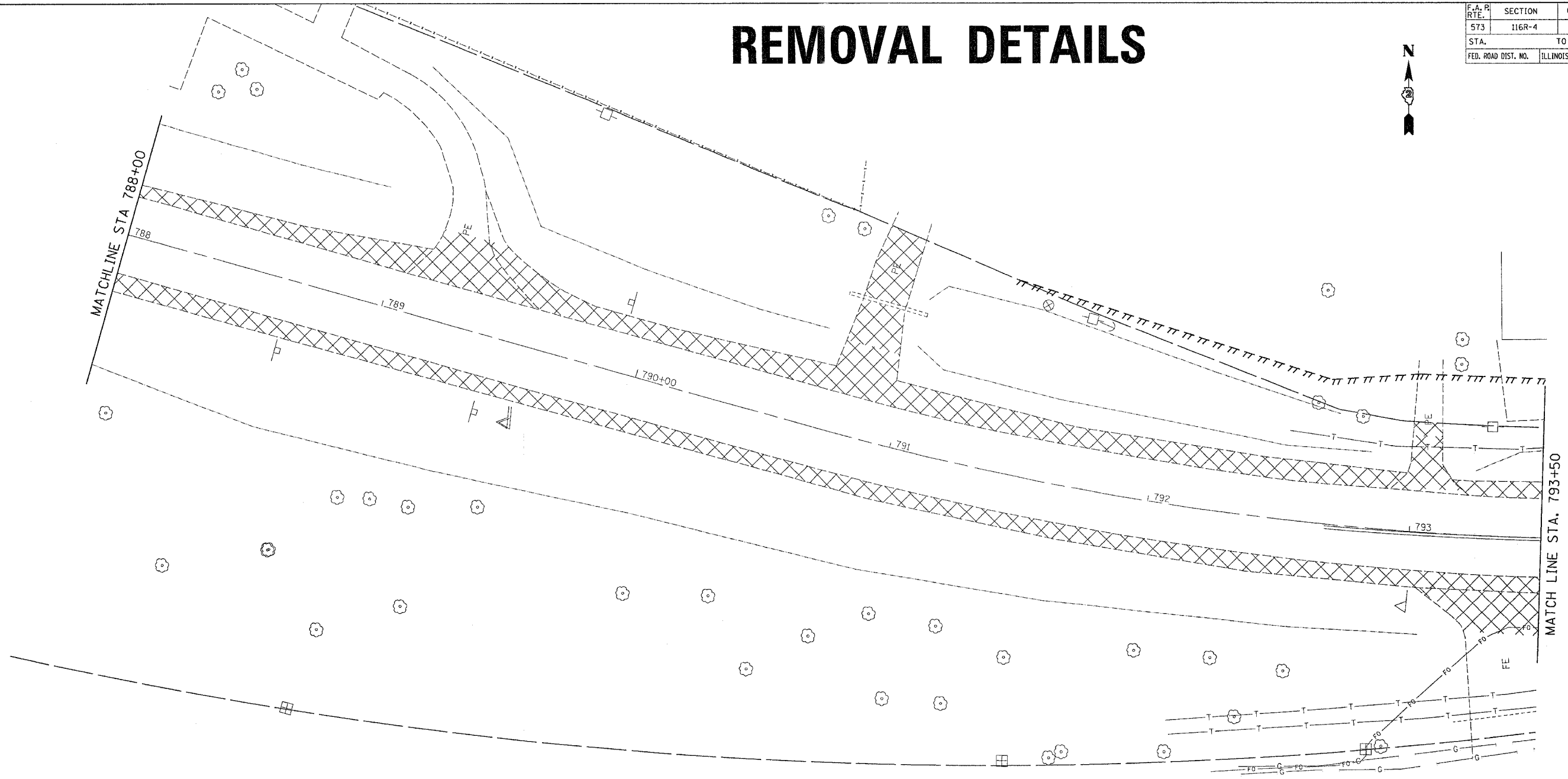
ILLINOIS DEPARTMENT OF TRANSPORTATION

SCALE: VERT. \_\_\_\_\_  
 HORIZ. \_\_\_\_\_  
 DATE \_\_\_\_\_

DRAWN BY \_\_\_\_\_  
 CHECKED BY \_\_\_\_\_

F.A. P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
573	116R-4	DEKALB	416	232
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		

# REMOVAL DETAILS



PLOT DATE = Fri Sep 02 07:52:12 2005  
 FILE NAME = C:\projects\201700\001700.dwg  
 USER NAME = jaredn

	PAVEMENT REMOVAL
	EARTH EXCAVATION
	SIDEWALK REMOVAL
	DRIVEWAY PAVEMENT REMOVAL

REVISIONS	
NAME	DATE

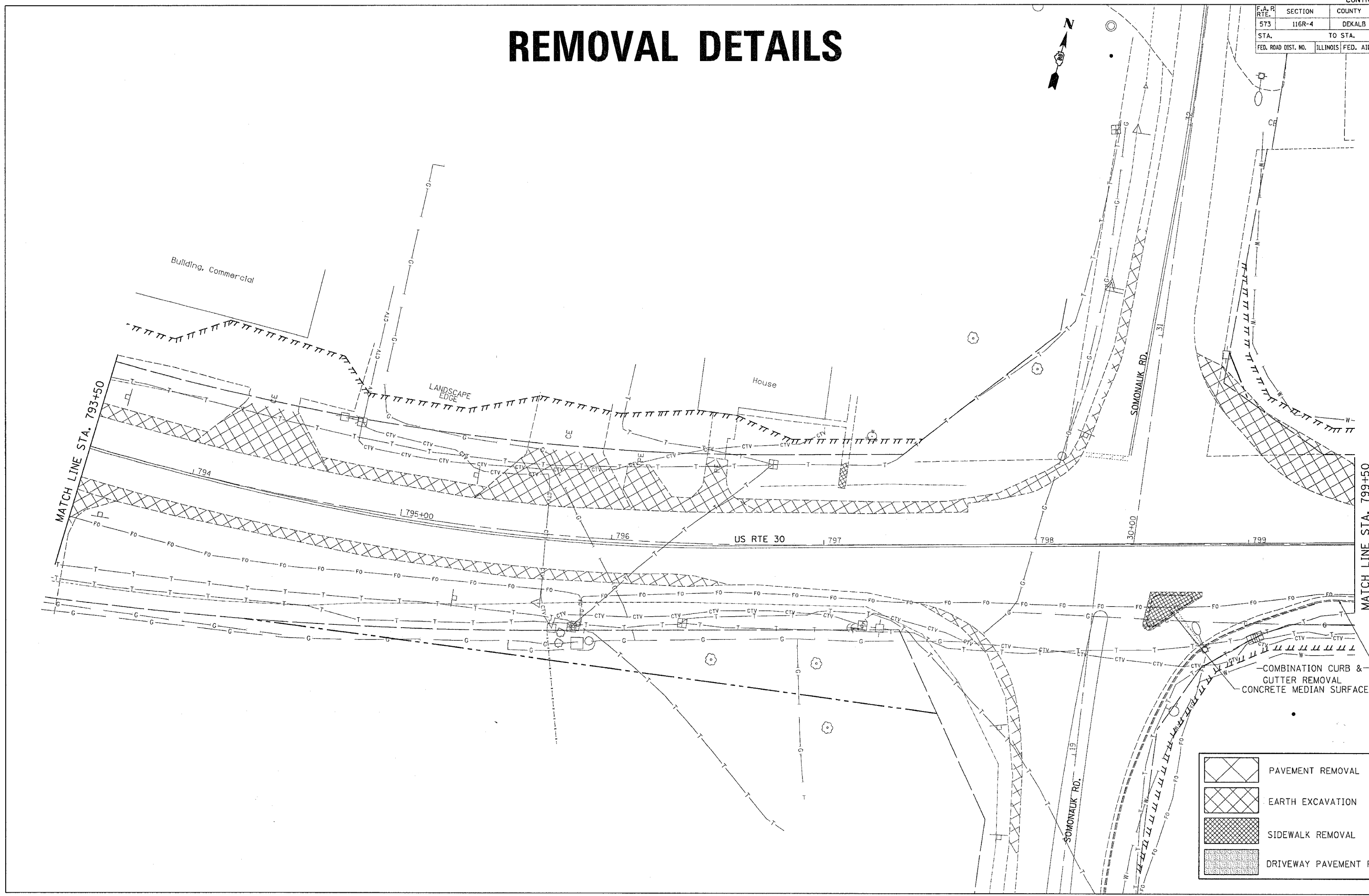
ILLINOIS DEPARTMENT OF TRANSPORTATION

SCALE: VERT.    DRAWN BY  
 DATE    HORIZ.    CHECKED BY



F.A. PROJECT NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
573	116R-4	DEKALB	416	233
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS	FED. AID PROJECT	

# REMOVAL DETAILS



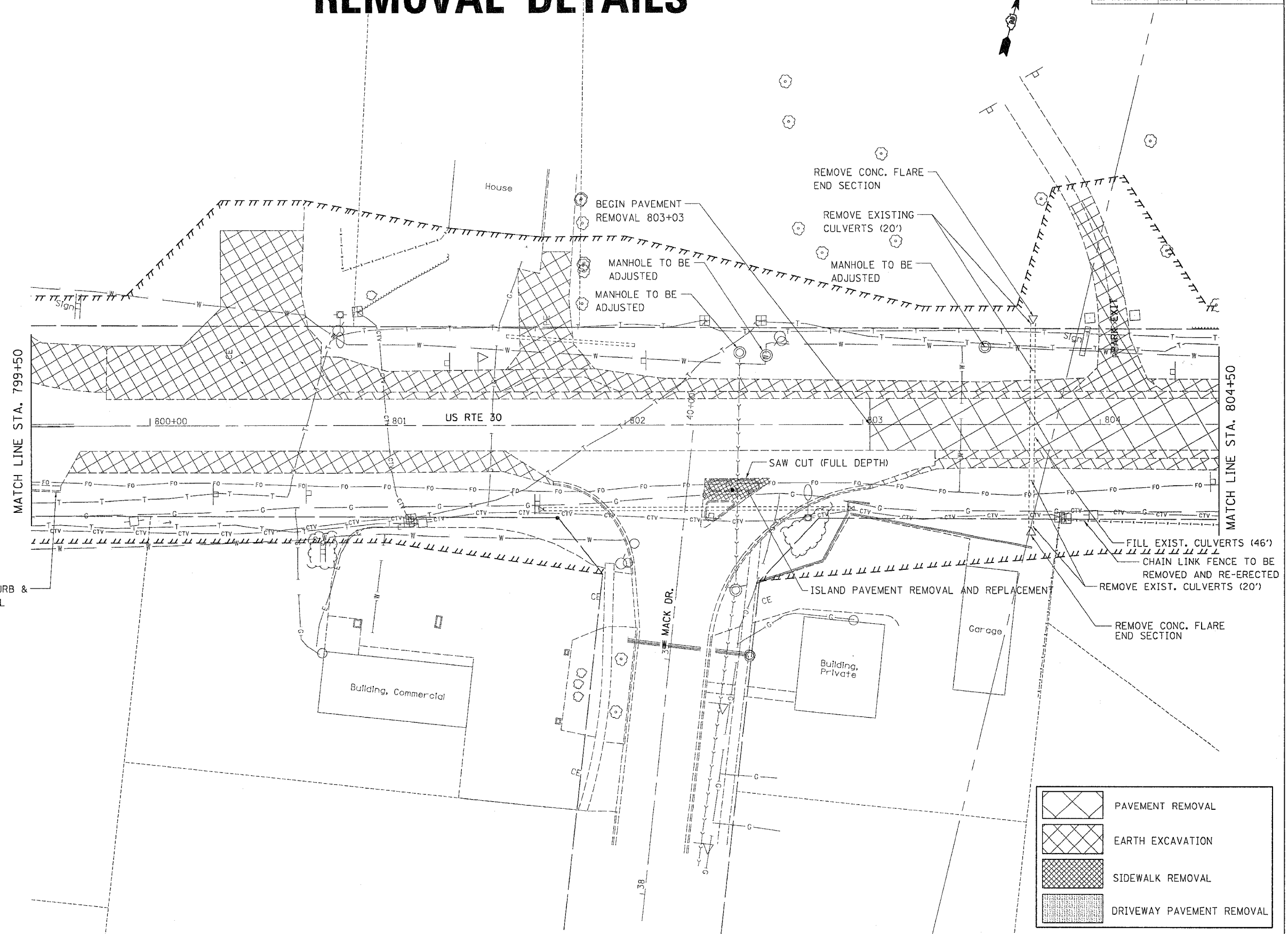
COMBINATION CURB &  
GUTTER REMOVAL  
CONCRETE MEDIAN SURFACE REMOVAL

	PAVEMENT REMOVAL
	EARTH EXCAVATION
	SIDEWALK REMOVAL
	DRIVEWAY PAVEMENT REMOVAL

DATE-TIME  
ADON-SPEC  
REF  
REF  
REF

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
573	116R-4	DEKALB	416	234
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS	FED. AID PROJECT	

# REMOVAL DETAILS

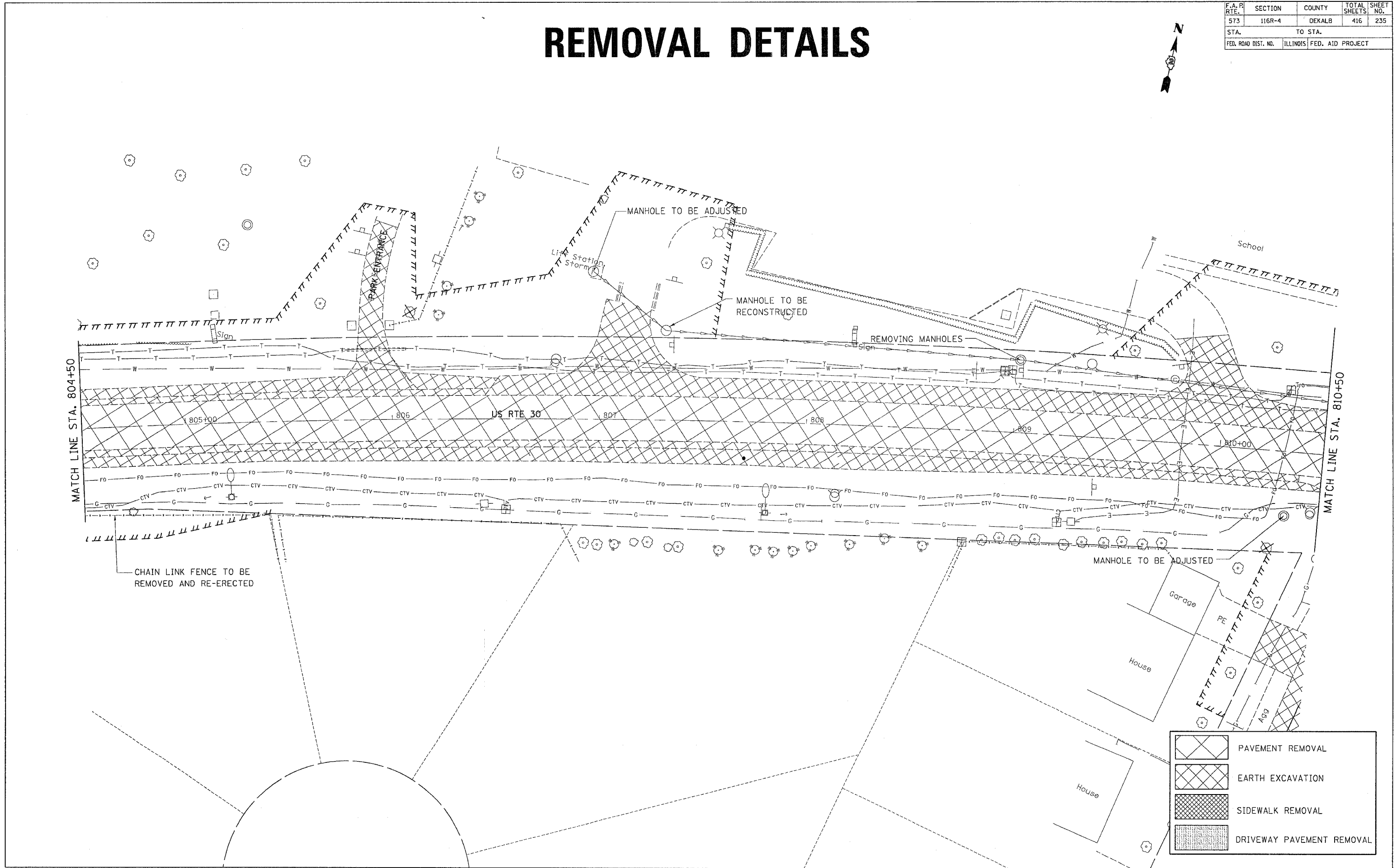


	PAVEMENT REMOVAL
	EARTH EXCAVATION
	SIDEWALK REMOVAL
	DRIVEWAY PAVEMENT REMOVAL

DATE-TIME  
 100N-SPEC  
 REF  
 REF  
 REF

F.A. PROJECT NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
573	116R-4	DEKALB	416	235
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		

# REMOVAL DETAILS

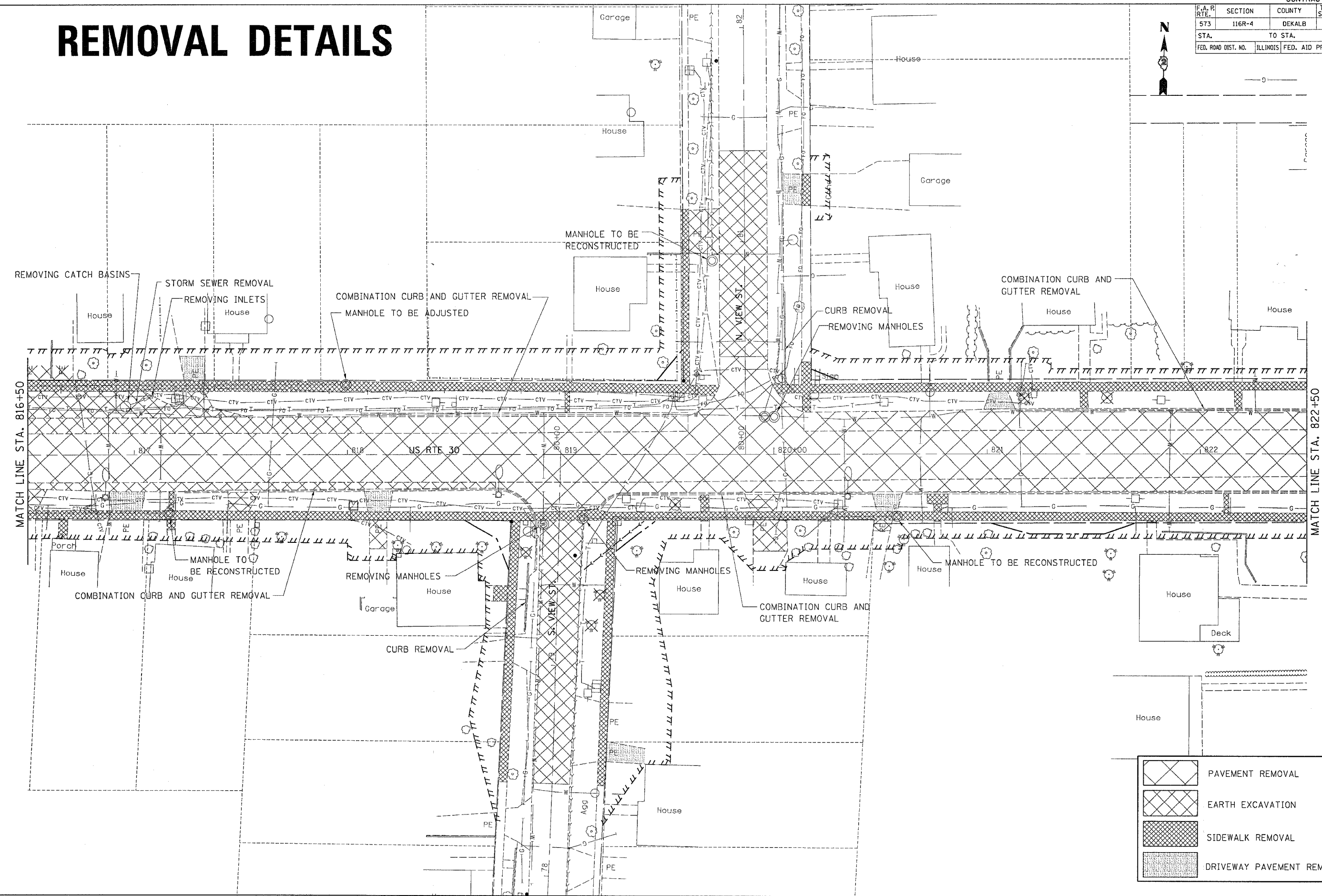


DATE-TIME  
 100N-SPEC  
 PREP  
 PREP  
 PREP



F.A. R. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
573	116R-4	DEKALB	416	237
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		

# REMOVAL DETAILS

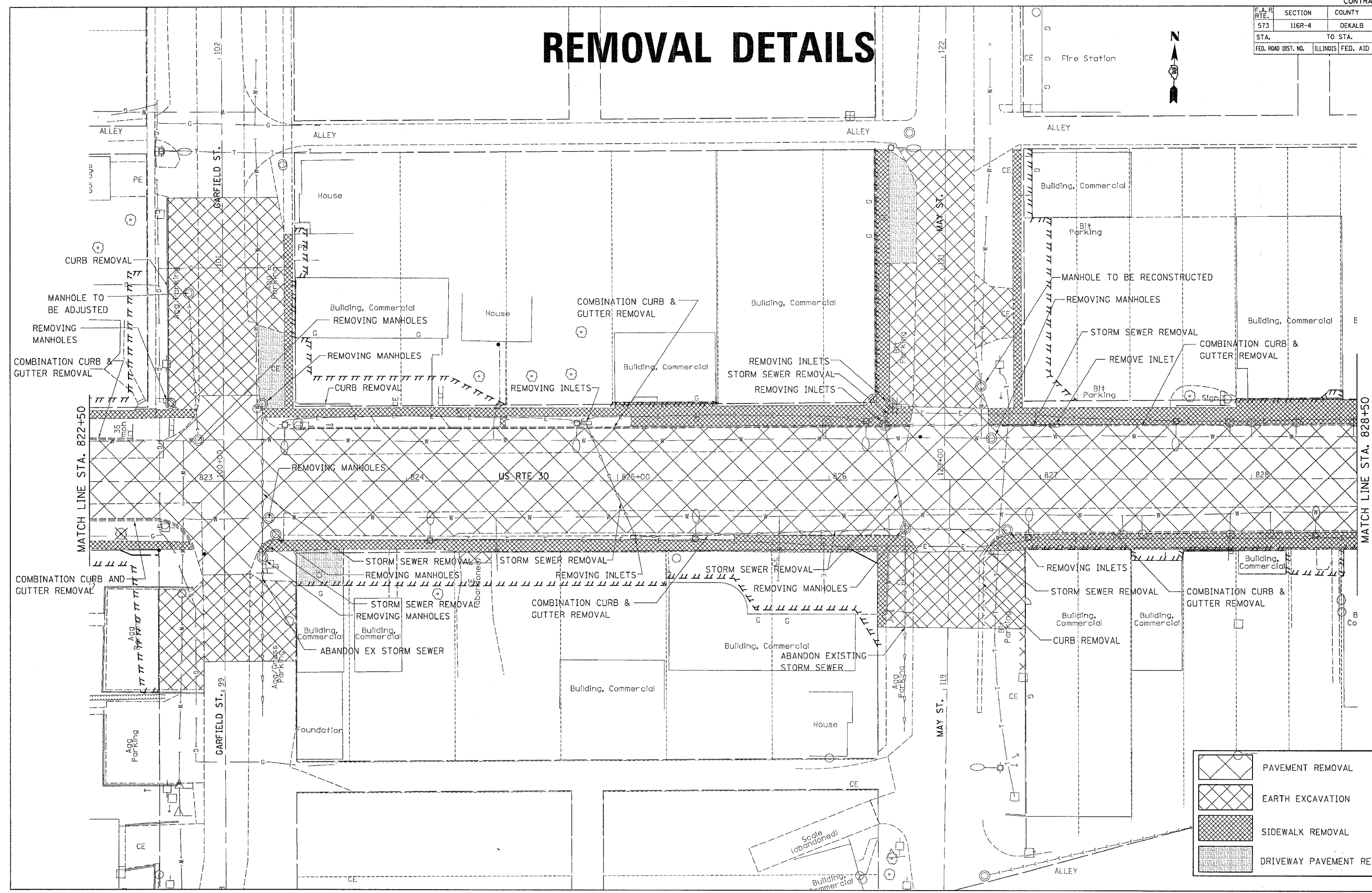


	PAVEMENT REMOVAL
	EARTH EXCAVATION
	SIDEWALK REMOVAL
	DRIVEWAY PAVEMENT REMOVAL

DATE-TIME  
 1004-SPEC  
 PREP  
 PREP  
 PREP

F.A.R. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
573	116R-4	DEKALB	416	238
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		

# REMOVAL DETAILS

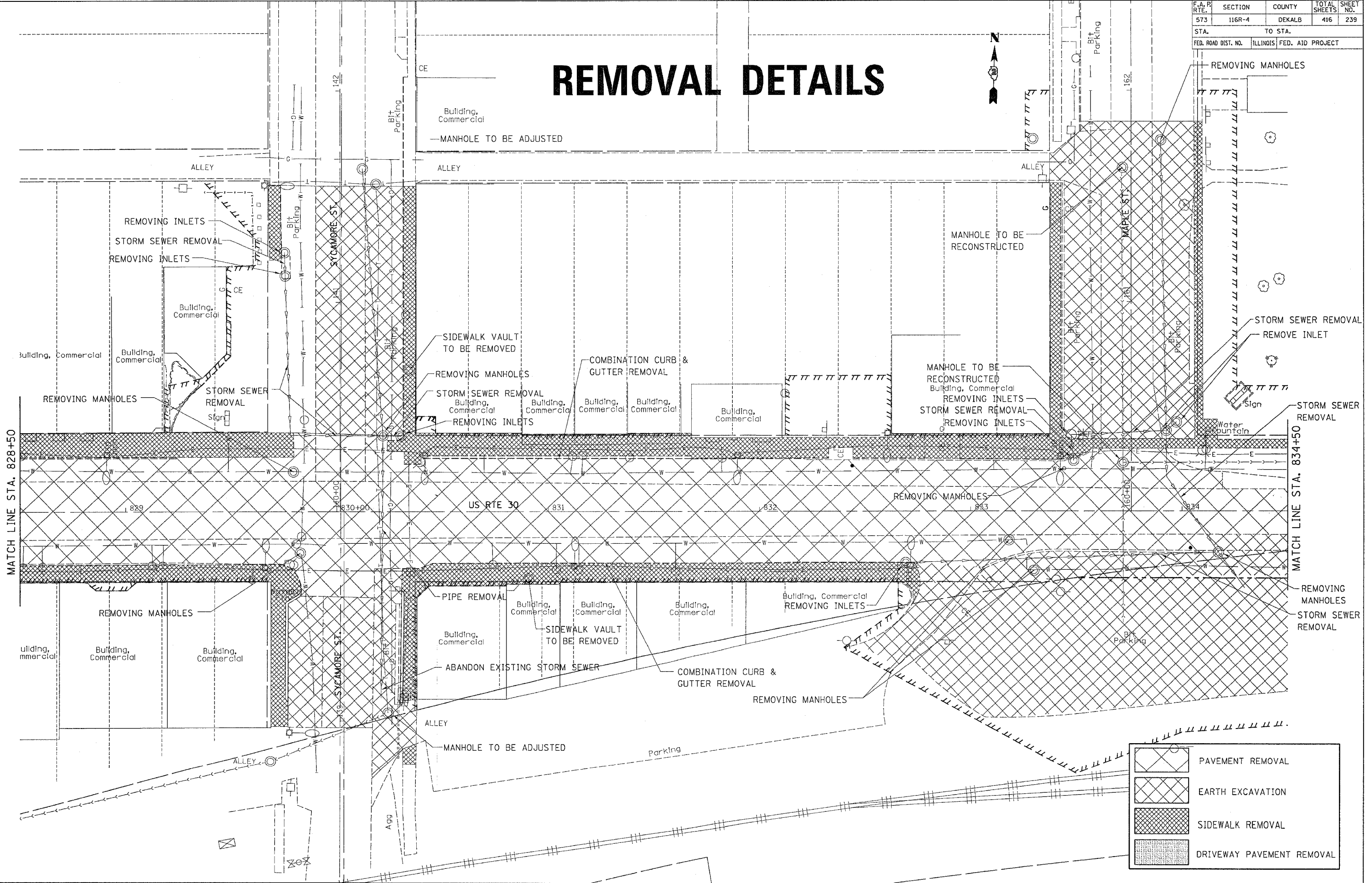


	PAVEMENT REMOVAL
	EARTH EXCAVATION
	SIDEWALK REMOVAL
	DRIVEWAY PAVEMENT REMOVAL

DATE-TIME  
 1004-SPEC  
 1004-REF  
 1004-REF  
 1004-REF

F.A. R. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
573	116R-4	DEKALB	416	239
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		

# REMOVAL DETAILS

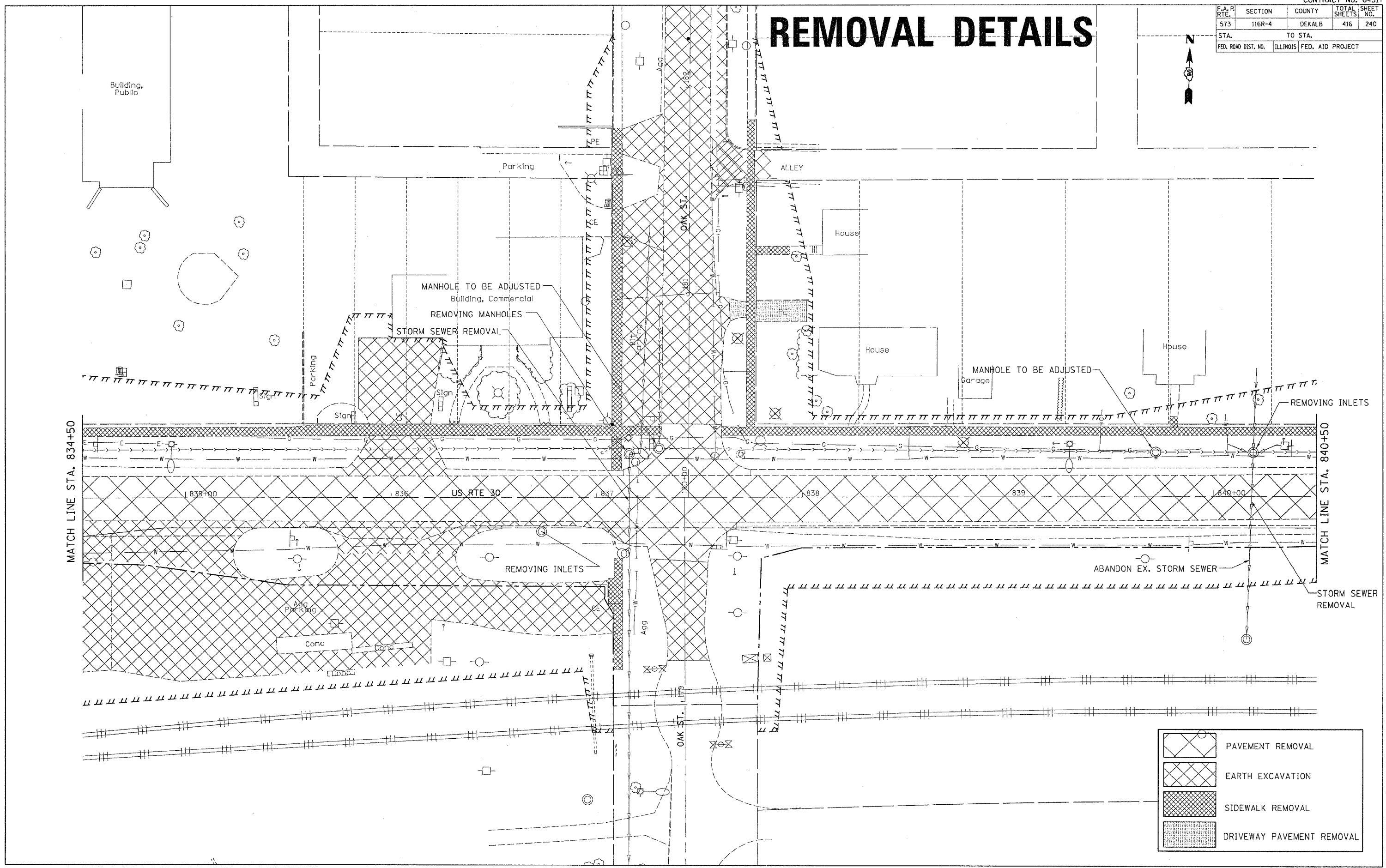


	PAVEMENT REMOVAL
	EARTH EXCAVATION
	SIDEWALK REMOVAL
	DRIVEWAY PAVEMENT REMOVAL

DATE-TIME  
 10:00 AM-5:00 PM  
 11/15/11  
 11/15/11  
 11/15/11

F.A. PROJECT NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
573	116R-4	DEKALB	416	240
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		

# REMOVAL DETAILS

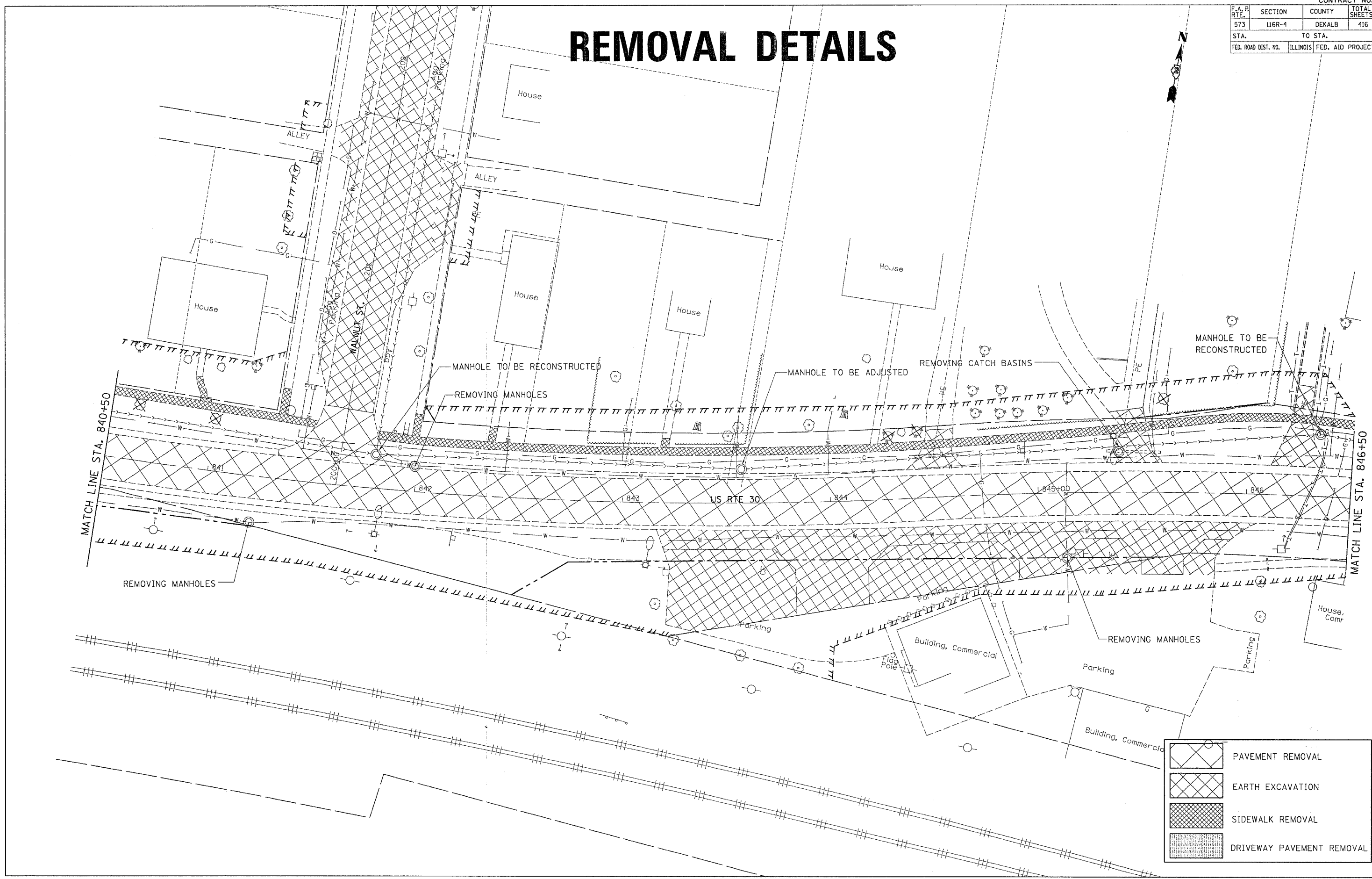


	PAVEMENT REMOVAL
	EARTH EXCAVATION
	SIDEWALK REMOVAL
	DRIVEWAY PAVEMENT REMOVAL



F.A. PROJECT NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
573	116R-4	DEKALB	416	241
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS	FED. AID PROJECT	

# REMOVAL DETAILS

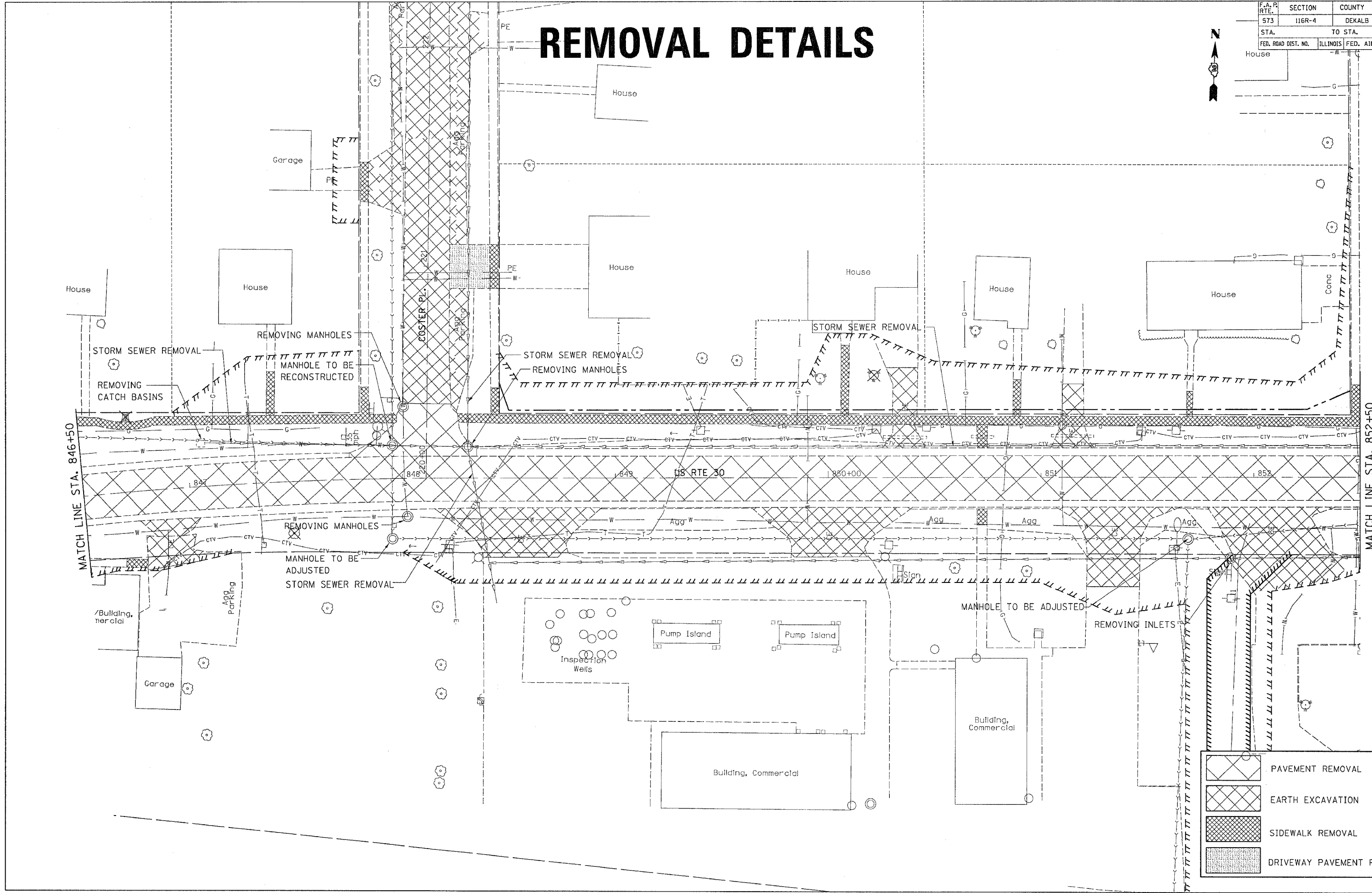


	PAVEMENT REMOVAL
	EARTH EXCAVATION
	SIDEWALK REMOVAL
	DRIVEWAY PAVEMENT REMOVAL

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
573	116R-4	DEKALB	416	242
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		



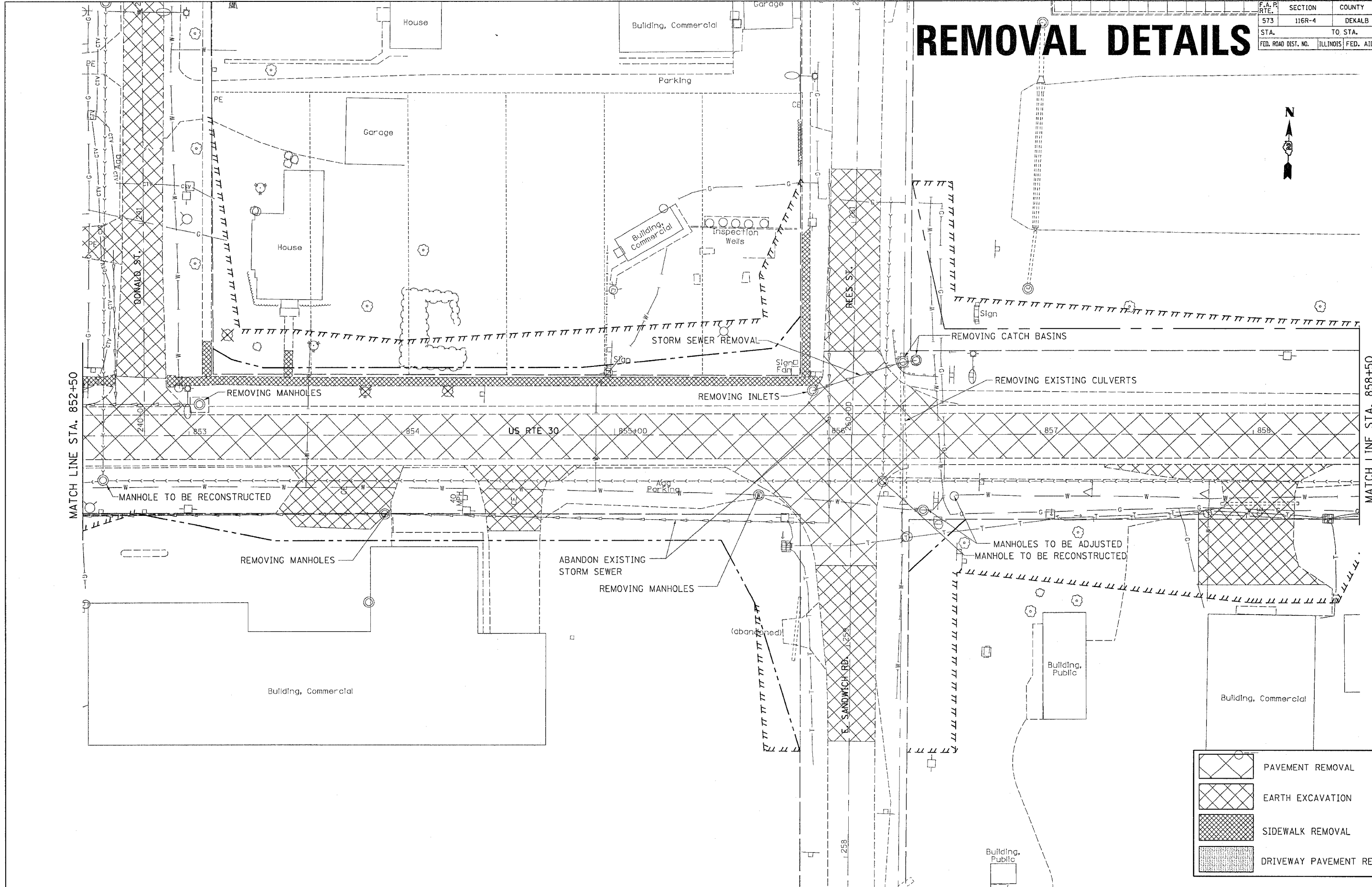
# REMOVAL DETAILS



	PAVEMENT REMOVAL
	EARTH EXCAVATION
	SIDEWALK REMOVAL
	DRIVEWAY PAVEMENT REMOVAL

F.A. P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
573	116R-4	DEKALB	416	243
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		

# REMOVAL DETAILS



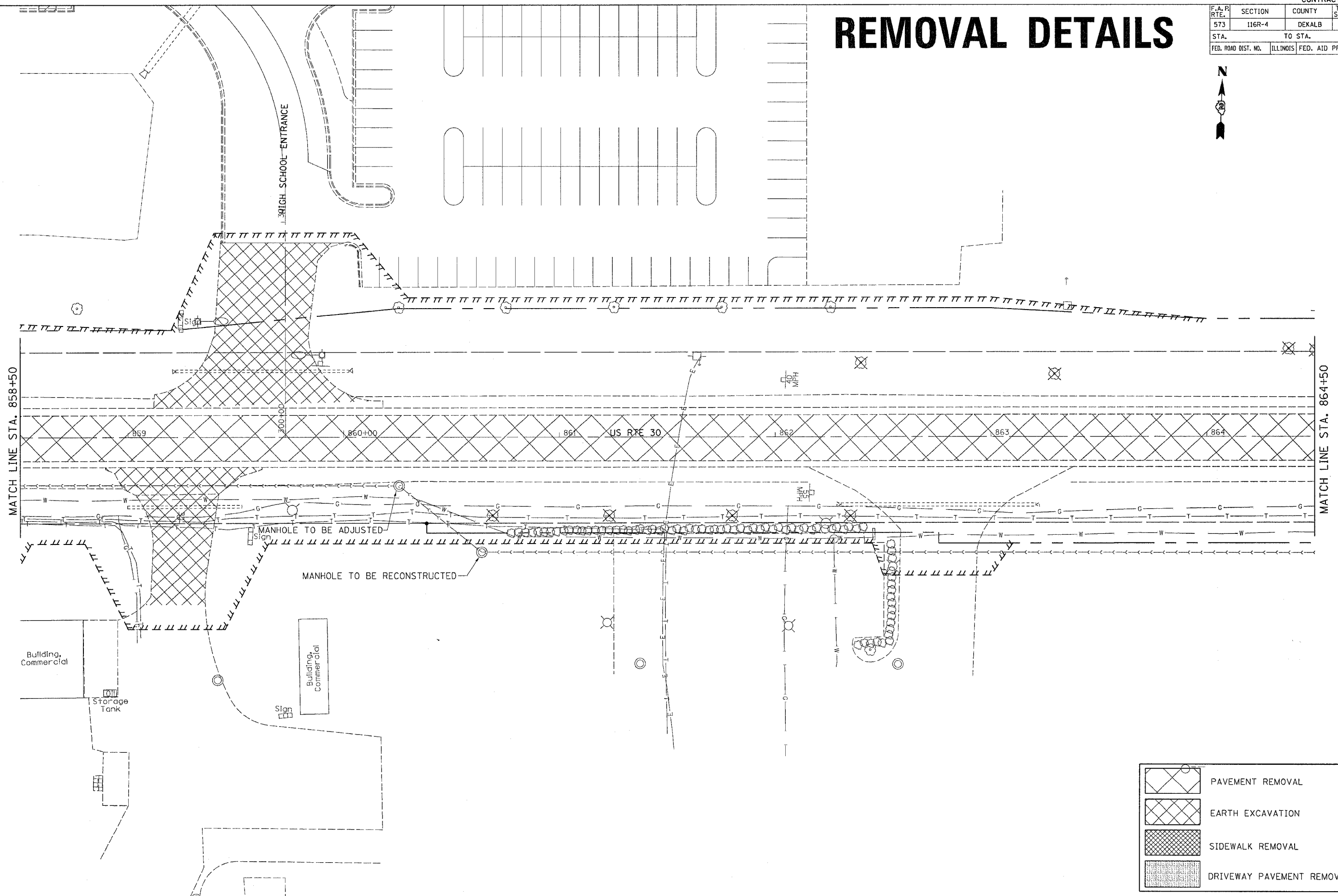
	PAVEMENT REMOVAL
	EARTH EXCAVATION
	SIDEWALK REMOVAL
	DRIVEWAY PAVEMENT REMOVAL

MATCH LINE STA. 852+50

MATCH LINE STA. 858+50

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
573	116R-4	DEKALB	416	244
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		

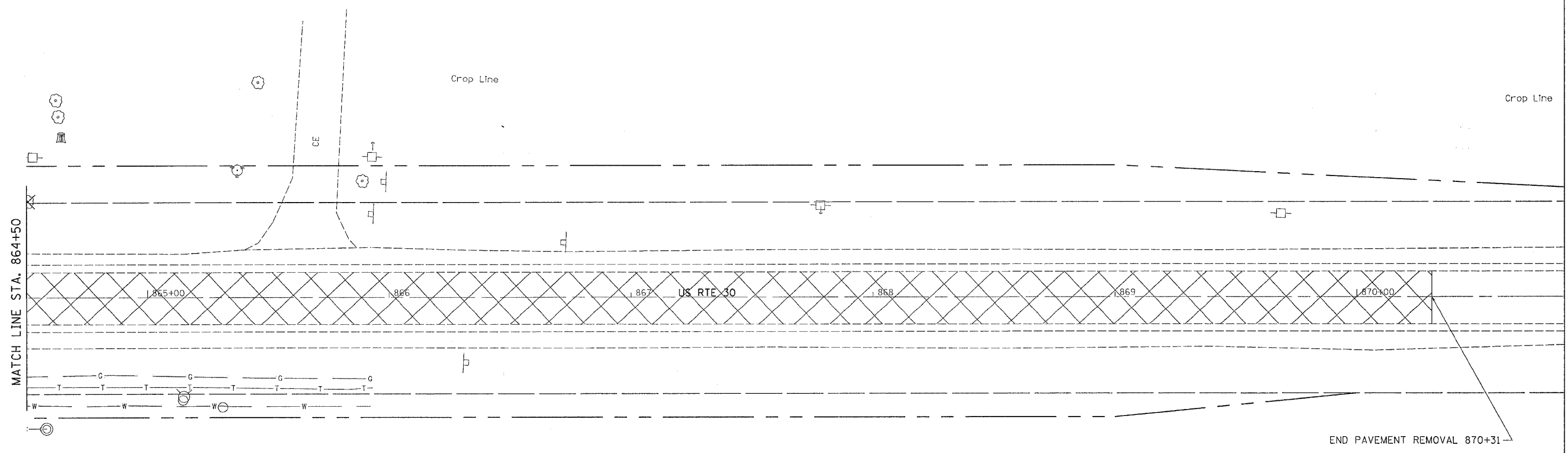
# REMOVAL DETAILS



	PAVEMENT REMOVAL
	EARTH EXCAVATION
	SIDEWALK REMOVAL
	DRIVEWAY PAVEMENT REMOVAL

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
573	116R-4	DEKALB	416	245
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS	FED. AID PROJECT	

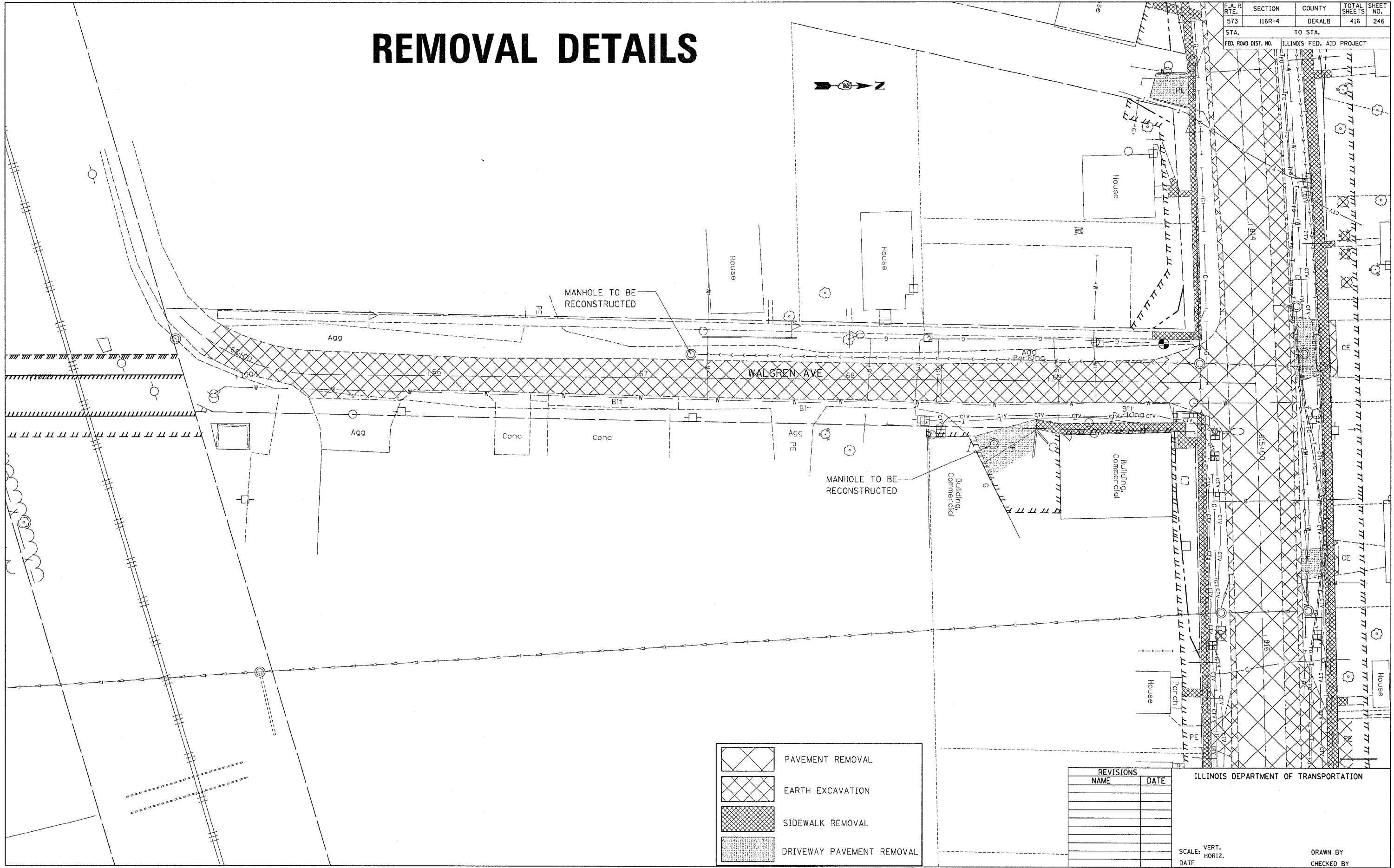
# REMOVAL DETAILS



	PAVEMENT REMOVAL
	EARTH EXCAVATION
	SIDEWALK REMOVAL
	DRIVEWAY PAVEMENT REMOVAL

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
573	116R-4	DEKALB	416	246
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		

# REMOVAL DETAILS



PLOT DATE = Fri Sep 02 07:32:12 2005  
 FILE NAME = C:\projects\64517\64517.dwg  
 USER NAME = jps0506d

	PAVEMENT REMOVAL
	EARTH EXCAVATION
	SIDEWALK REMOVAL
	DRIVEWAY PAVEMENT REMOVAL

REVISIONS	
NAME	DATE

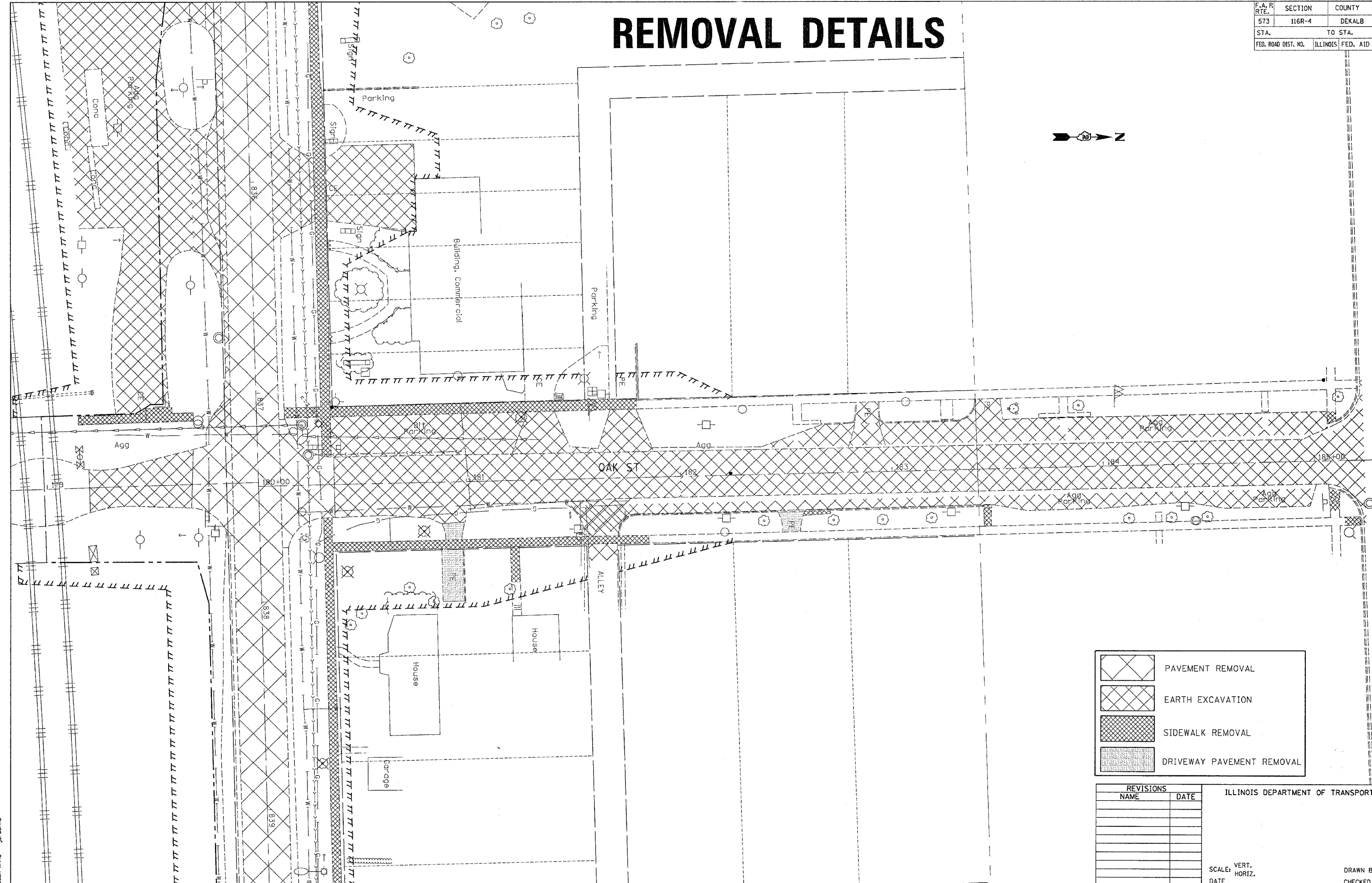
ILLINOIS DEPARTMENT OF TRANSPORTATION

SCALE: VERT. / HORIZ.  
 DATE

DRAWN BY  
 CHECKED BY

F.A. R. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
573	116R-4	DEKALB	416	247
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		

# REMOVAL DETAILS



	PAVEMENT REMOVAL
	EARTH EXCAVATION
	SIDEWALK REMOVAL
	DRIVEWAY PAVEMENT REMOVAL

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION

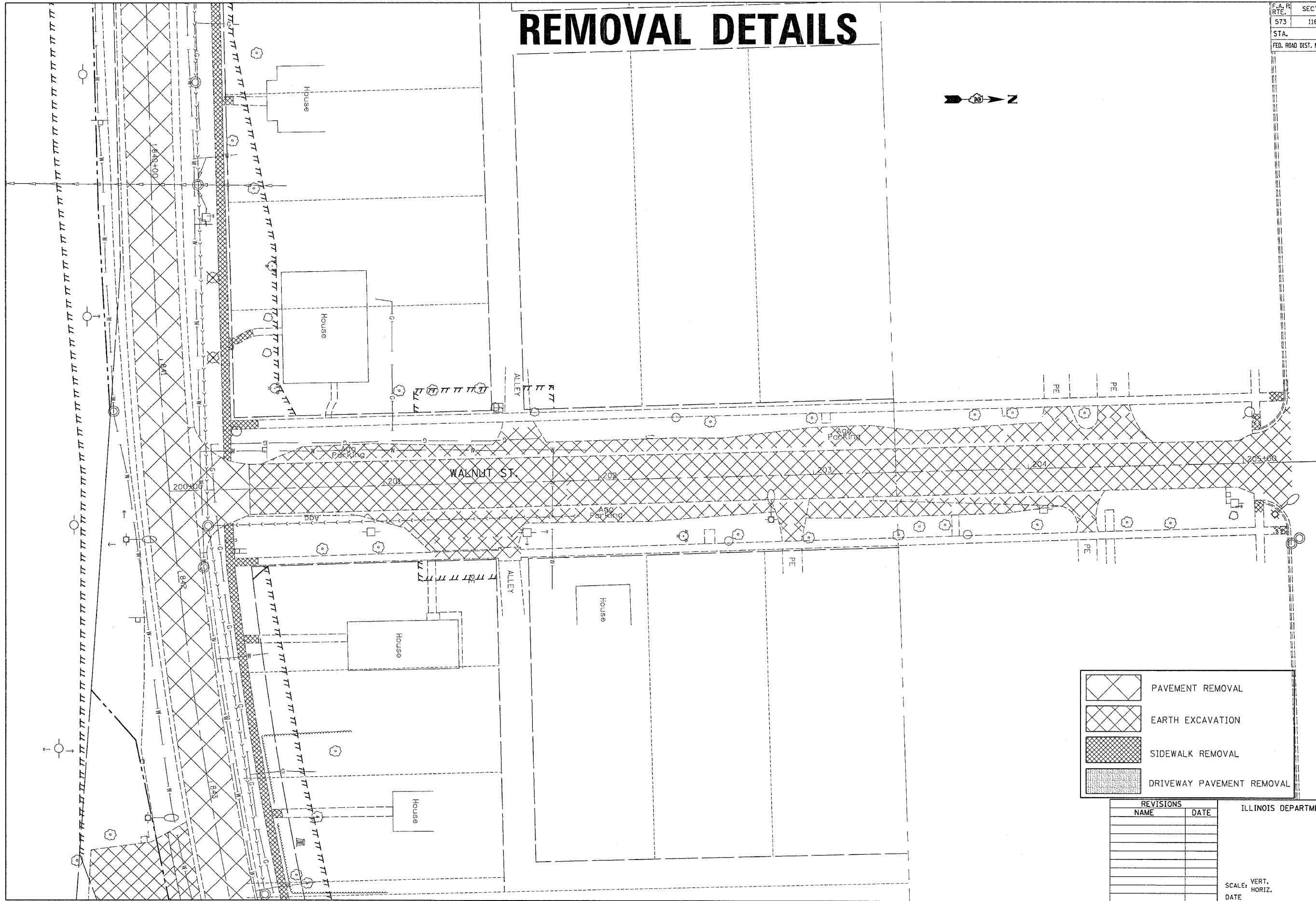
SCALE: VERT. \_\_\_\_\_  
 HORIZ. \_\_\_\_\_  
 DATE \_\_\_\_\_

DRAWN BY \_\_\_\_\_  
 CHECKED BY \_\_\_\_\_

PLOT DATE = Fri, Sep 02 07:55:13 2005  
 FILE NAME = C:\pwork\64517\6451708-rem.dgn  
 PLOT SCALE = 20,0000 "/ IN.  
 USER NAME = jordanhd

F.A. DIST. NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
573	116R-4	DEKALB	416	248
STA.		TO STA.		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		

# REMOVAL DETAILS



	PAVEMENT REMOVAL
	EARTH EXCAVATION
	SIDEWALK REMOVAL
	DRIVEWAY PAVEMENT REMOVAL

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION

SCALE: VERT. DATE  
HORIZ.

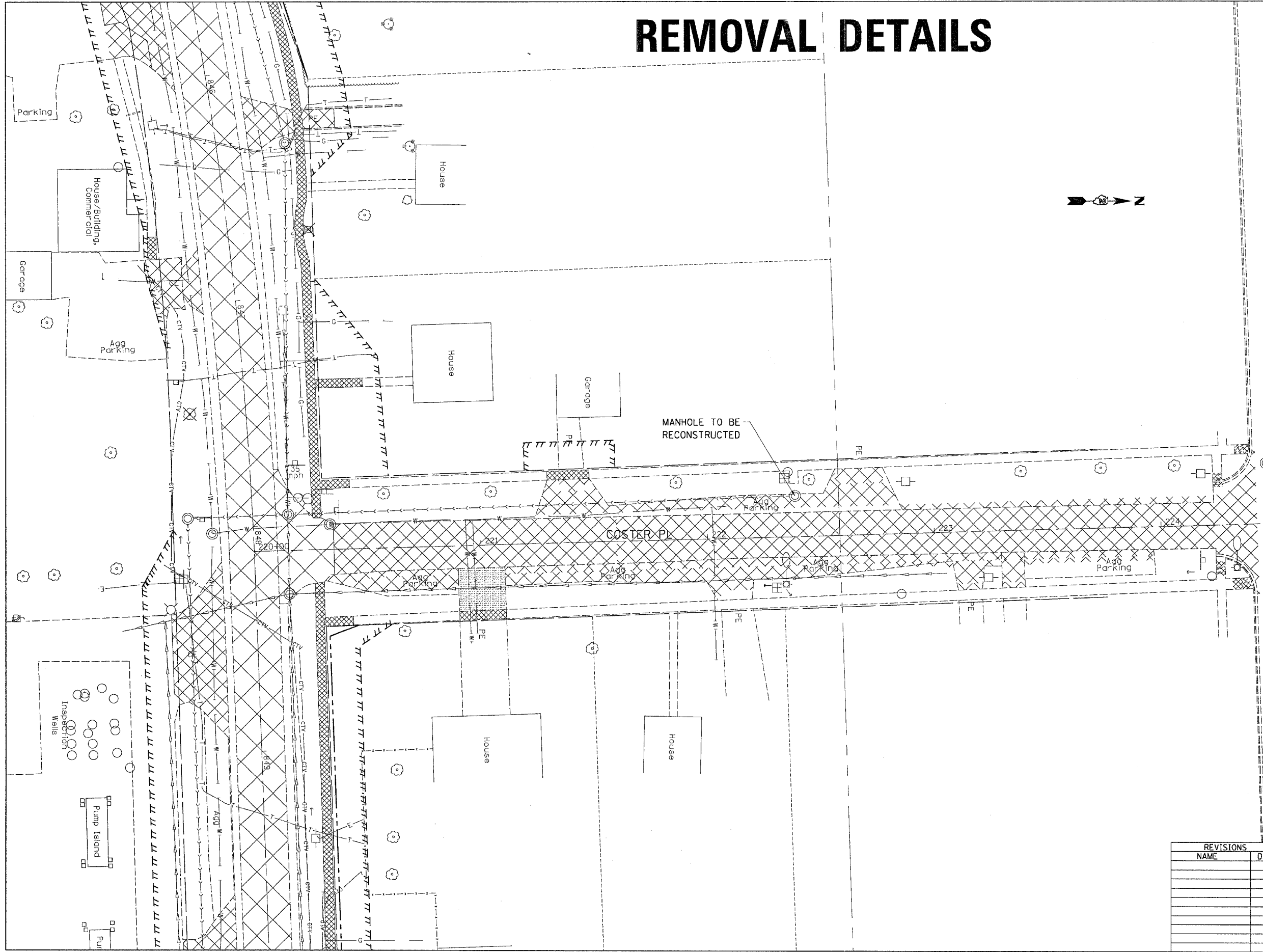
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F.A. P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
573	116R-4	DEKALB	416	249
STA.		TO STA.		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		

# REMOVAL DETAILS



	PAVEMENT REMOVAL
	EARTH EXCAVATION
	SIDEWALK REMOVAL
	DRIVEWAY PAVEMENT REMOVAL

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION

SCALE: VERT. \_\_\_\_\_  
 HORIZ. \_\_\_\_\_

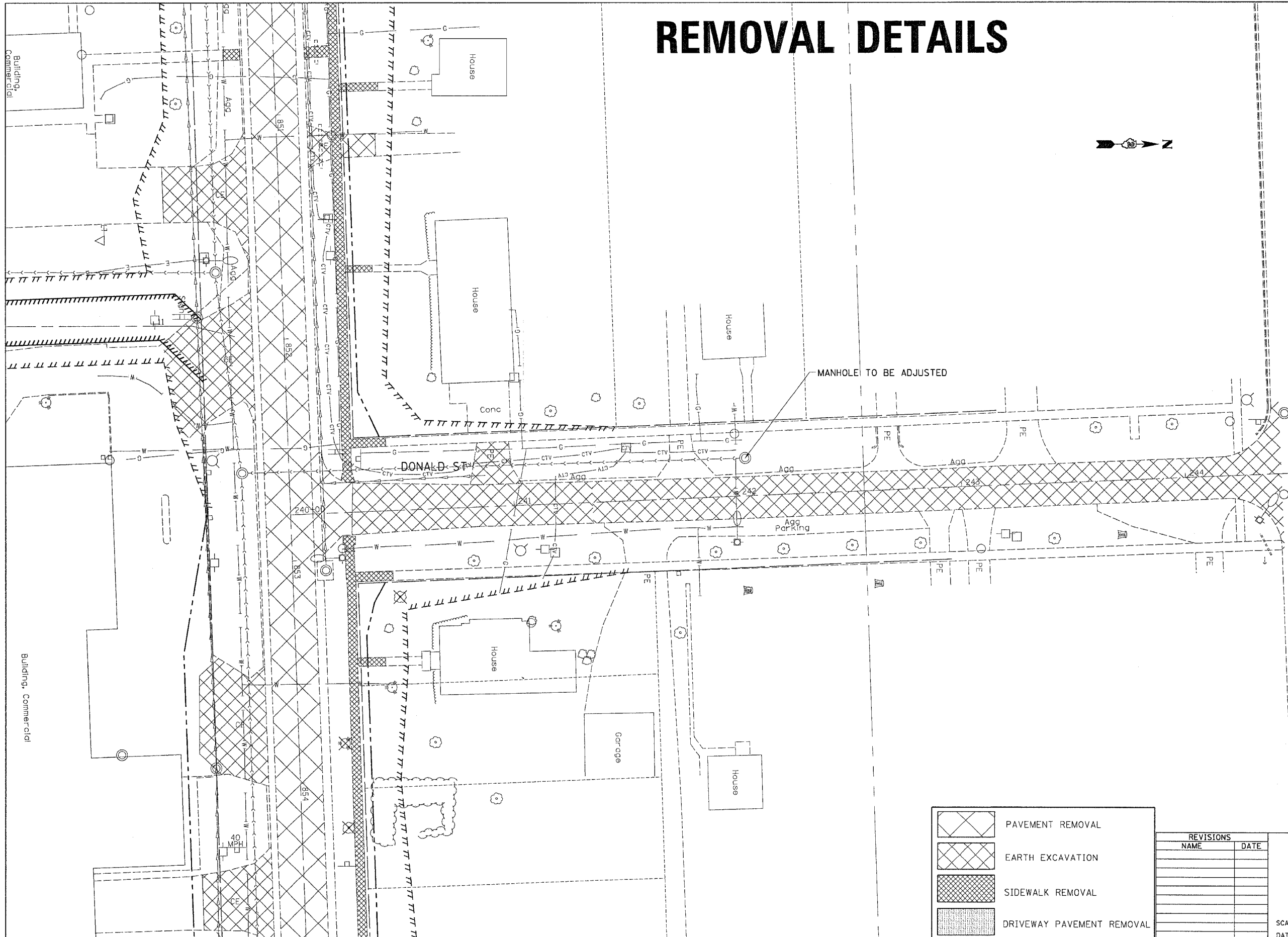
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F.A. P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
573	116R-4	DEKALB	416	250
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		

# REMOVAL DETAILS



	PAVEMENT REMOVAL
	EARTH EXCAVATION
	SIDEWALK REMOVAL
	DRIVEWAY PAVEMENT REMOVAL

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION

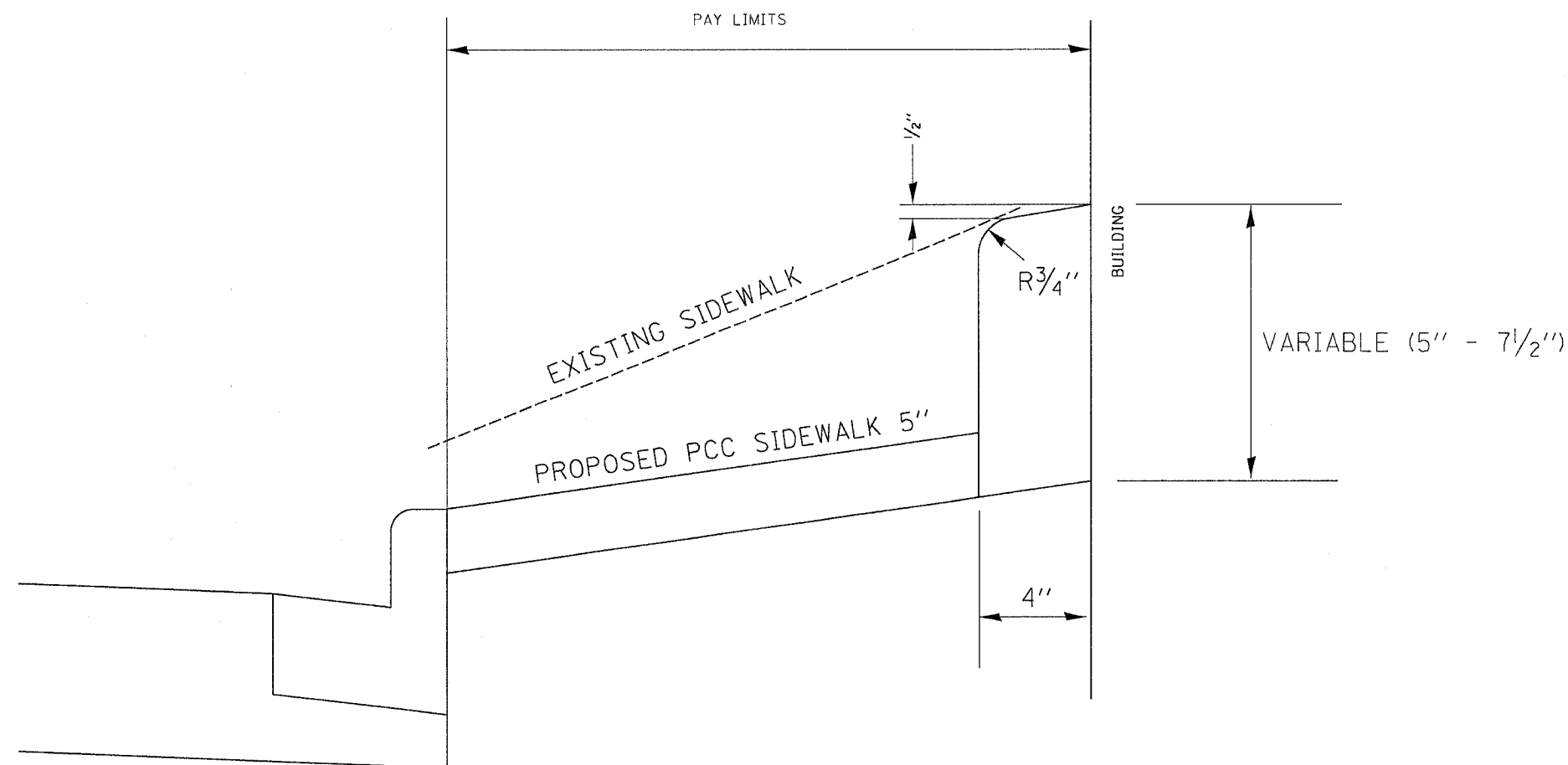
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F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
573	116R-4	DEKALB	416	251
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		

# PCC SIDEWALK 5 INCH (SPECIAL) DETAIL



**LOCATIONS**

(SEE SCHEDULE FOR QUANTITIES)

US 30

LT. STA. 830+22 TO STA. 832+11  
 RT. STA. 827+25 TO STA. 829+50  
 RT. STA. 831+25 TO STA. 832+50

WALGREN

RT. STA. 69+00 TO STA. 69+50

NORTH GARFIELD

RT. STA. 100+70 TO STA. 101+50

MAPLE

LT. STA. 160+45 TO STA. 161+00

**NOTES:**

1. THE PCC SIDEWALK 5" (SPECIAL) SHALL BE CONSTRUCTED ACCORDING TO SECTIONS 424 AND 606 OF THE STANDARD SPECIFICATIONS. CLASS SI CONCRETE SHALL BE USED THROUGHOUT. THE AREA FOR PAYMENT SHALL BE MEASURED FROM BACK OF CURB TO BACK OF CURB. THE PAY WIDTH SHALL INCLUDE THE 5" SIDEWALK AND 4" CURB AT THE FACE OF THE BUILDING. THIS WORK SHALL BE PAID AT THE CONTRACT UNIT PRICE PER SQUARE FOOT FOR PCC SIDEWALK 5"(SPECIAL).
2. ALL DIMENSIONS ARE IN INCHES UNLESS OTHERWISE NOTED.
3. EXPOSED EDGES TO HAVE 3/4" BEVEL.

REVISIONS		ILLINOIS DEPARTMENT OF TRANSPORTATION
NAME	DATE	
		SCALE: VERT. HORIZ. DATE
DRAWN BY		CHECKED BY
DATE		

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F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
573	116R-4	DEKALB	416	252
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		

# BORING LOGS



Illinois Department of Transportation  
Division of Highways  
1007

## SOIL BORING LOG

Page 1 of 1

ROUTE FAP 573 DESCRIPTION D92-017-00 Storm Sewer at Walgreen Street in Hinckley LOGGED BY W. Garza

SECTION 116 R-4 LOCATION Squaw Grove Twp. - 14 SW, 15SE, SEC., TWP. 38N, RNG. 5E

COUNTY DeKalb DRILLING METHOD Hollow Stem Auger HAMMER TYPE CME-45 Automatic

STRUCT. NO.	D	B	U	M	Surface Water Elev.	D	B	U	M
Station	E	L	C	O	ft	E	L	C	O
	P	O	S	I	Stream Bed Elev.	P	O	S	I
	T	W	S	T	ft	T	W	S	T
	H	S	Qu	T	Groundwater Elev.:	H	S	Qu	T
					First Encounter				
					Upon Completion				
					After				
					Hrs.				
	(ft)	(/6")	(tsf)	(%)	ft	(ft)	(/6")	(tsf)	(%)
BORING NO. <u>B-1</u>									
Station <u>64+50</u>									
Offset <u>33.00ft Rt CL</u>									
Ground Surface Elev. <u>737.0</u>									
VERY LOOSE brown dry LOAM			0.0	7	735.00				
			P						
VERY LOOSE black COAL with SANDY LOAM	4			9	733.50				
	4								
	5								
STIFF tan SILTY LOAM	1		1.1	18	731.00				
	2		P						
	3								
MEDIUM tan SILTY LOAM	1		0.8	14	728.00				
	2		B						
	4								
MEDIUM tan moist dirty SAND & GRAVEL	7				725.50				
	11								
	11								
STIFF gray SANDY LOAM TILL	12		1.0	11	723.00				
	11		P						
	7								
MEDIUM gray fine moist SAND	2				720.50				
	6								
	11								
VERY STIFF gray SILTY LOAM TILL with SAND lens	13		2.1	10	718.00				
	15		S						
	21								

The Unconfined Compressive Strength (UCS) Failure Mode is indicated by (B-Bulge, S-Shear, P-Penetrometer)  
The SPT (N value) is the sum of the last two blow values in each sampling zone (AASHTO T206)

BBS, from 137 (Rev. 8-99)



Illinois Department of Transportation  
Division of Highways  
1007

## SOIL BORING LOG

Page 1 of 1

ROUTE FAP 573 DESCRIPTION D92-017-00 Storm Sewer at Garfield Street in Hinckley LOGGED BY W. Garza

SECTION 116 R-4 LOCATION Squaw Grove Twp. - 14 SW, 15 SE, SEC., TWP. 38N, RNG. 5E

COUNTY DeKalb DRILLING METHOD Hollow Stem Auger HAMMER TYPE CME-45 Automatic

STRUCT. NO.	D	B	U	M	Surface Water Elev.	D	B	U	M
Station	E	L	C	O	ft	E	L	C	O
	P	O	S	I	Stream Bed Elev.	P	O	S	I
	T	W	S	T	ft	T	W	S	T
	H	S	Qu	T	Groundwater Elev.:	H	S	Qu	T
					First Encounter				
					Upon Completion				
					After				
					Hrs.				
	(ft)	(/6")	(tsf)	(%)	ft	(ft)	(/6")	(tsf)	(%)
BORING NO. <u>B-2</u>									
Station <u>97+13</u>									
Offset <u>21.00ft Rt CL</u>									
Ground Surface Elev. <u>737.2</u>									
VERY SOFT black LOAM			0.2	15	735.20				
			P						
MEDIUM black LOAM with COAL lens	4		0.9	21	733.70				
	2		P						
	3								
STIFF tan/gray SILTY LOAM	2		1.1	28	731.20				
	2		B						
	4								
STIFF tan/gray SILTY LOAM	1		1.1	17	728.20				
	2		B						
	6								
MEDIUM tan dirty SAND & GRAVEL	8				725.70				
	11								
	10								
STIFF gray SILTY CLAY LOAM TILL	4		1.0	11	723.70				
	3		B						
	10								
STIFF gray SILTY CLAY LOAM TILL	3		1.0	11	721.20				
	4		B						
	6								
VERY STIFF gray SANDY LOAM TILL	3		2.5	9	718.20				
	13		B						
	21								

The Unconfined Compressive Strength (UCS) Failure Mode is indicated by (B-Bulge, S-Shear, P-Penetrometer)  
The SPT (N value) is the sum of the last two blow values in each sampling zone (AASHTO T206)

BBS, from 137 (Rev. 8-99)

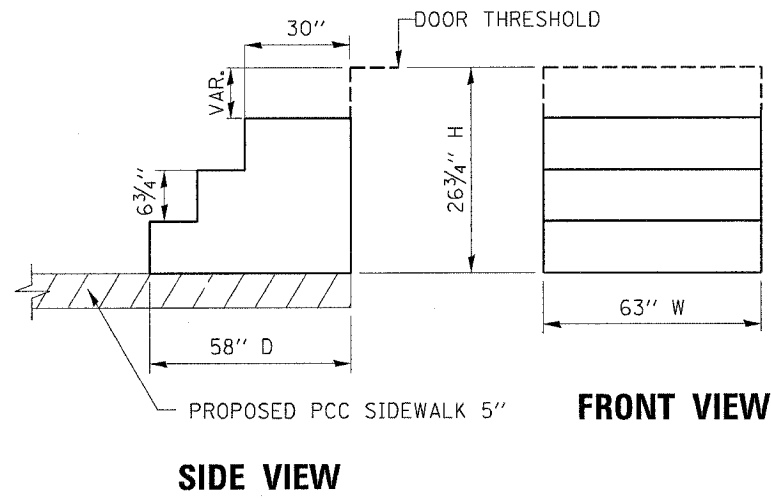
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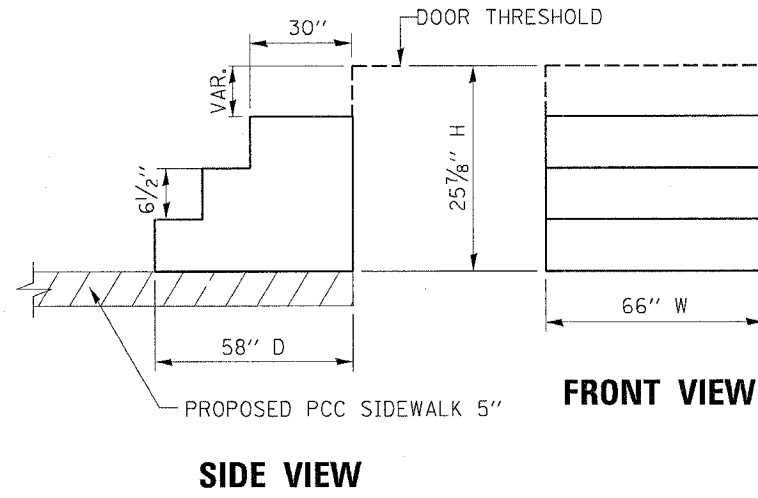
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
573	116R-4	DEKALB	416	254
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		

# STAIR DETAIL

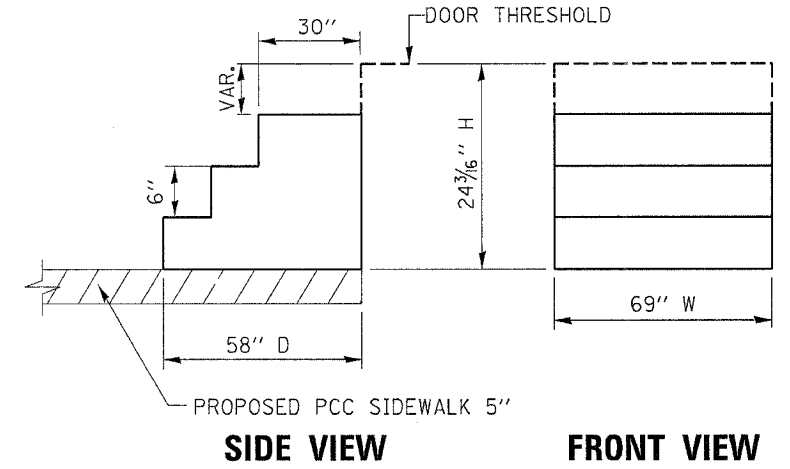
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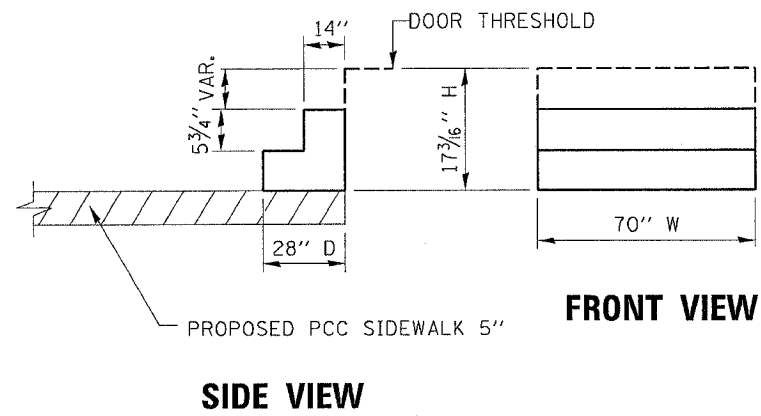
STA 828+68.40 LT



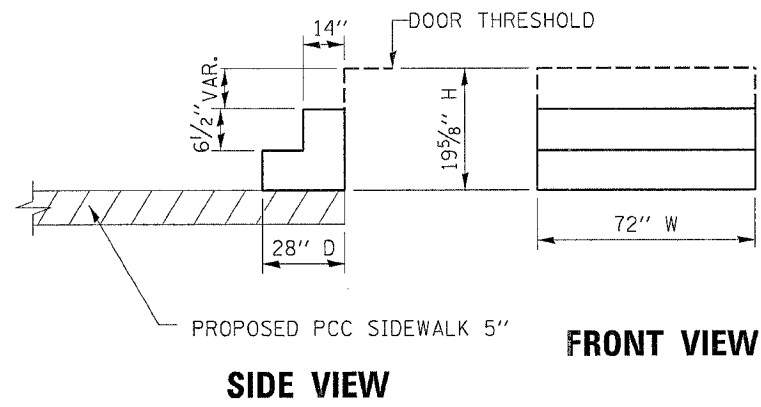
STA 828+81.90 LT



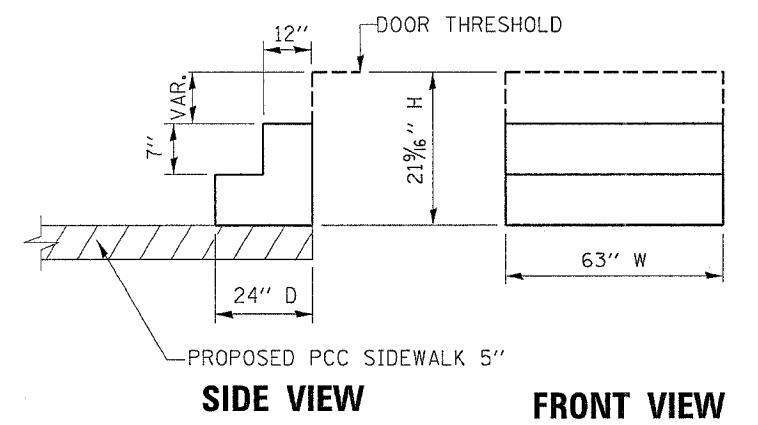
STA 829+16 LT



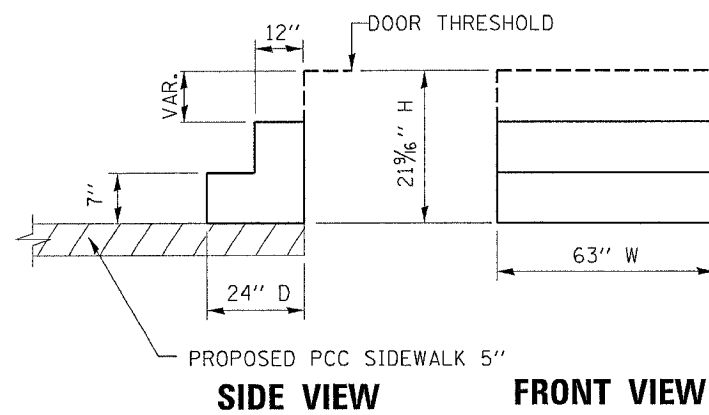
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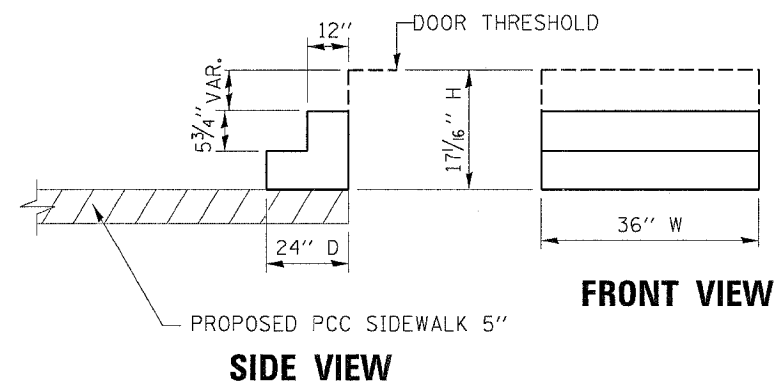
STA 831+88 LT



STA 832+01 LT



STA 833+11 LT



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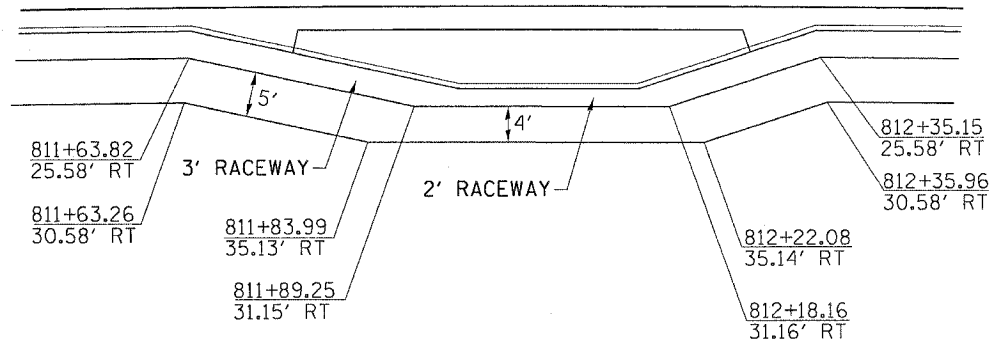
NOTE: ALL DIMENSIONS ARE IN INCHES

**STAIR DETAIL**

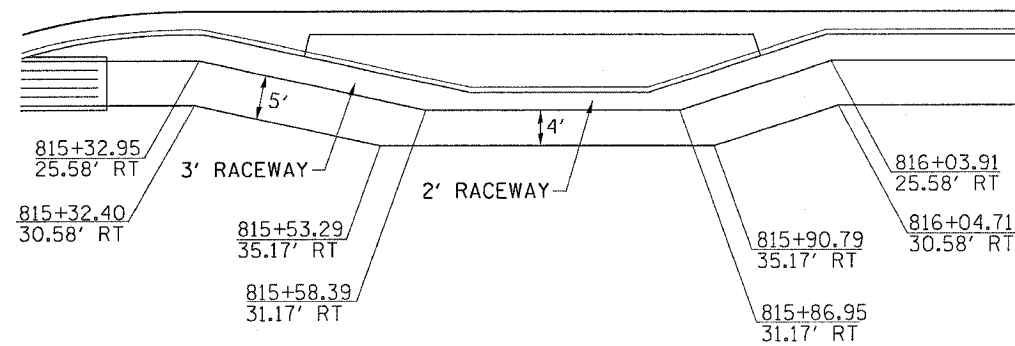
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STA.		TO STA.		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		

# SIDEWALK DETAILS

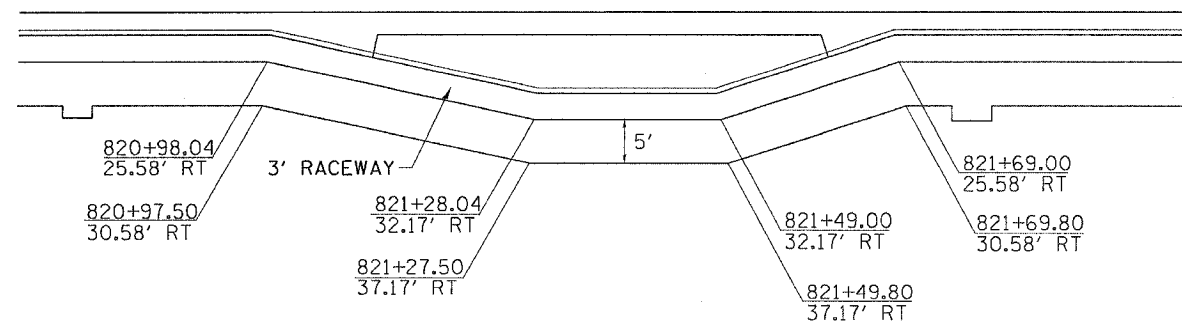
**STA. 812 + 04.43 RT**



**STA. 815 + 73.35 RT**



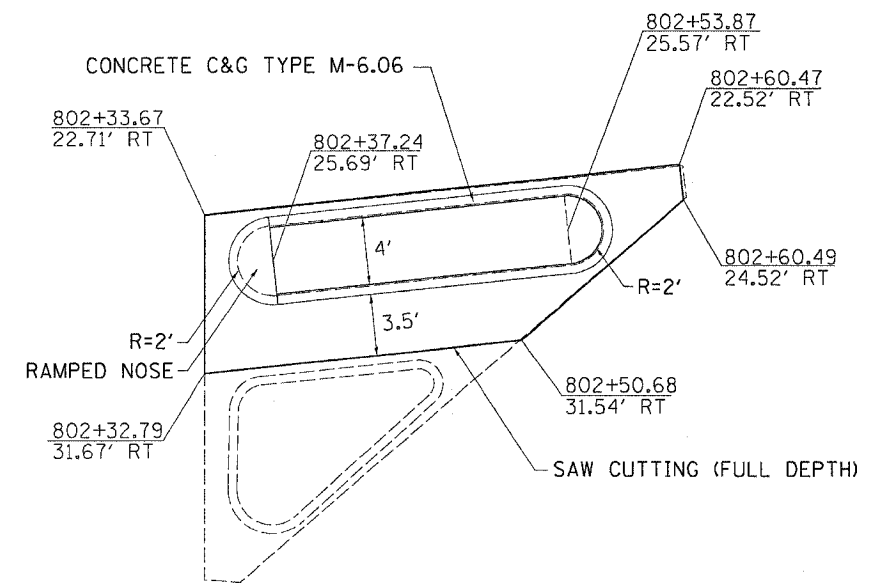
**STA. 821 + 38.44 RT**



FOR CROSS SECTION VIEW SEE DISTRICT STD. 3.1

# ISLAND PAVEMENT REMOVAL AND REPLACEMENT DETAIL

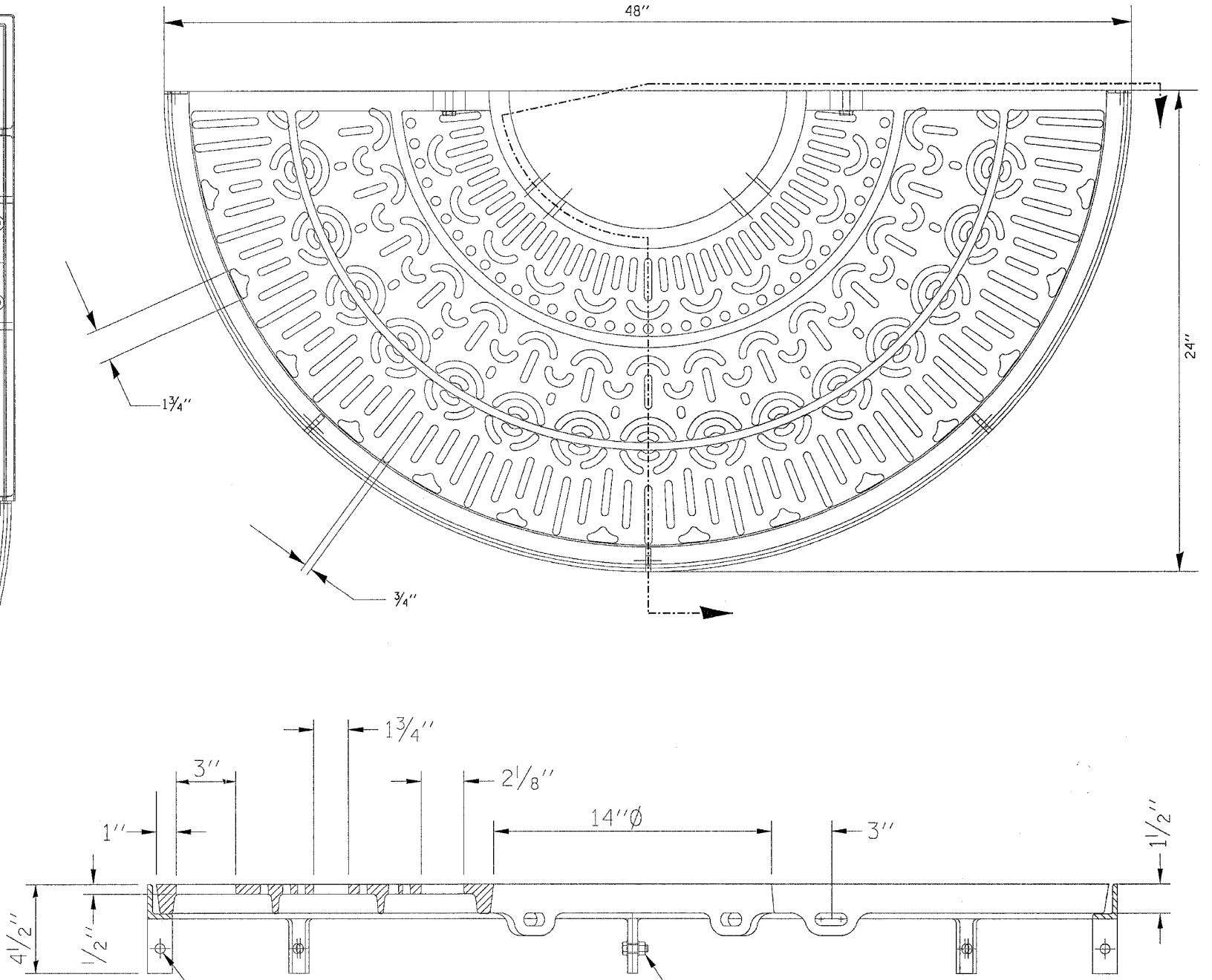
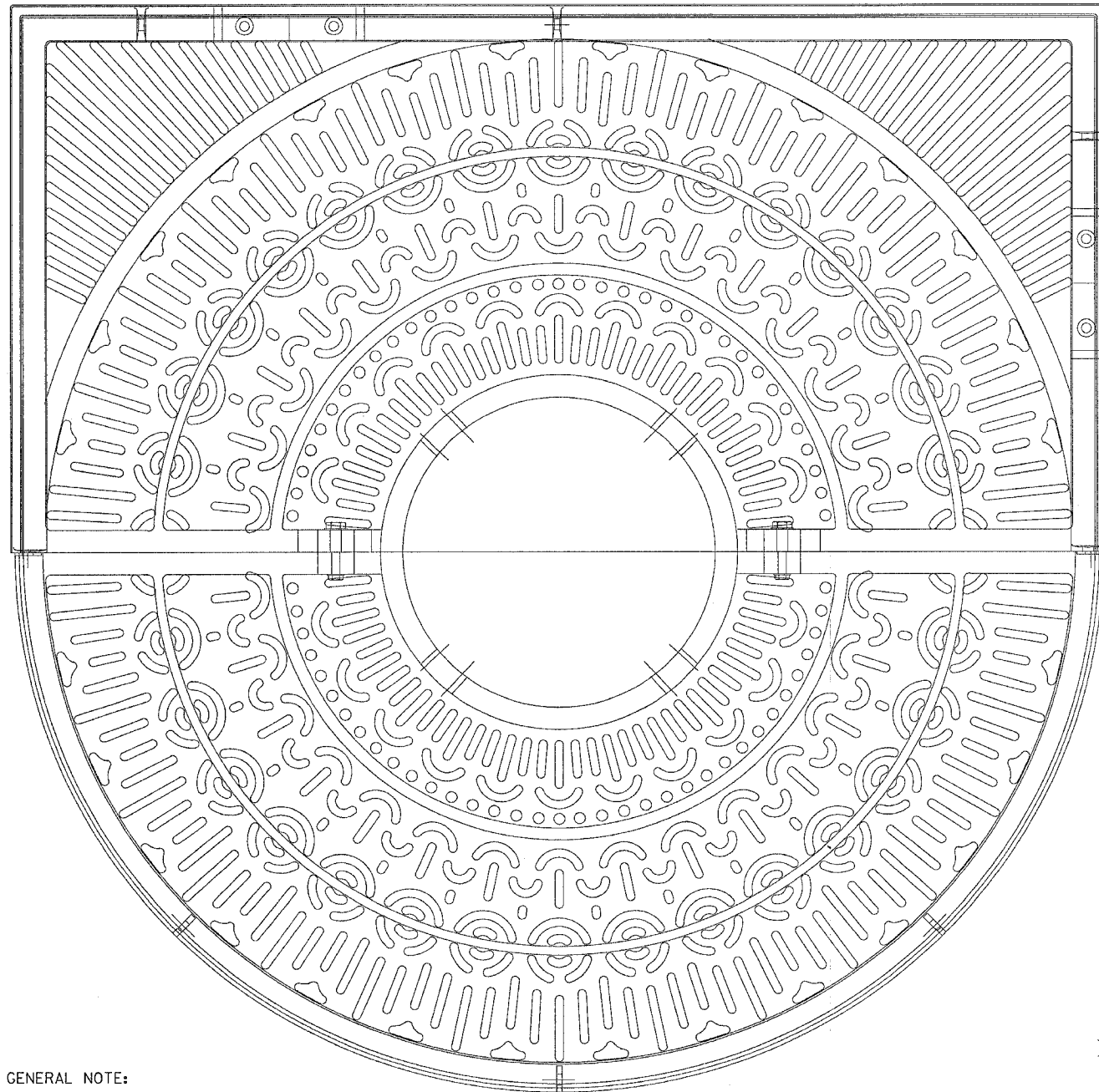
**MACK DR. ISLAND**



GENERAL NOTE:  
SEE SPECIAL PROVISION FOR ISLAND PAVEMENT REMOVAL AND REPLACEMENT,  
FOR ADDITIONAL DETAILS AND METHOD OF PAYMENT.

F.A. P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
573	116R-4	DEKALB	416	256
STA.		TO STA.		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		

# TREE GRATE



**GENERAL NOTE:**

THE CONTRACT UNIT PRICE PER EACH FOR TREE GRATE SHALL INCLUDE THE COST OF FURNISHING AND INSTALLING THE GRATE.

GRATE SHALL BE NEENAH R - 8874 180° ROUND - NEENAH R - 8757 180° SQUARE COMBINATION OR EQUIVALENT.

TWO PIECE GRATE WITH NARROW OPENINGS FOR SPECIAL PEDESTRIAN REQUIREMENTS. AVAILABLE WITH FABRICATED STEEL ANGLE FRAME, IF REQUIRED.

TWO PIECE GRATE WITH NARROW OPENINGS FOR SPECIAL PEDESTRIAN REQUIREMENTS. AVAILABLE WITH FABRICATED STEEL ANGLE FRAME, IF REQUIRED.

WEIGHT PER SET - 230 POUNDS

3/8-16 X 1 1/4 HEX. BOLT & NUT w/ FLAT WASHERS

1/2" [13mm] DIA. HOLE IN 1 1/4" [6mm] THICK MILD STEEL PLATE WELDED TO ANGLE

**HALF PLAN AND SECTION**

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION

SCALE: VERT. HORIZ. DATE

DRAWN BY CHECKED BY

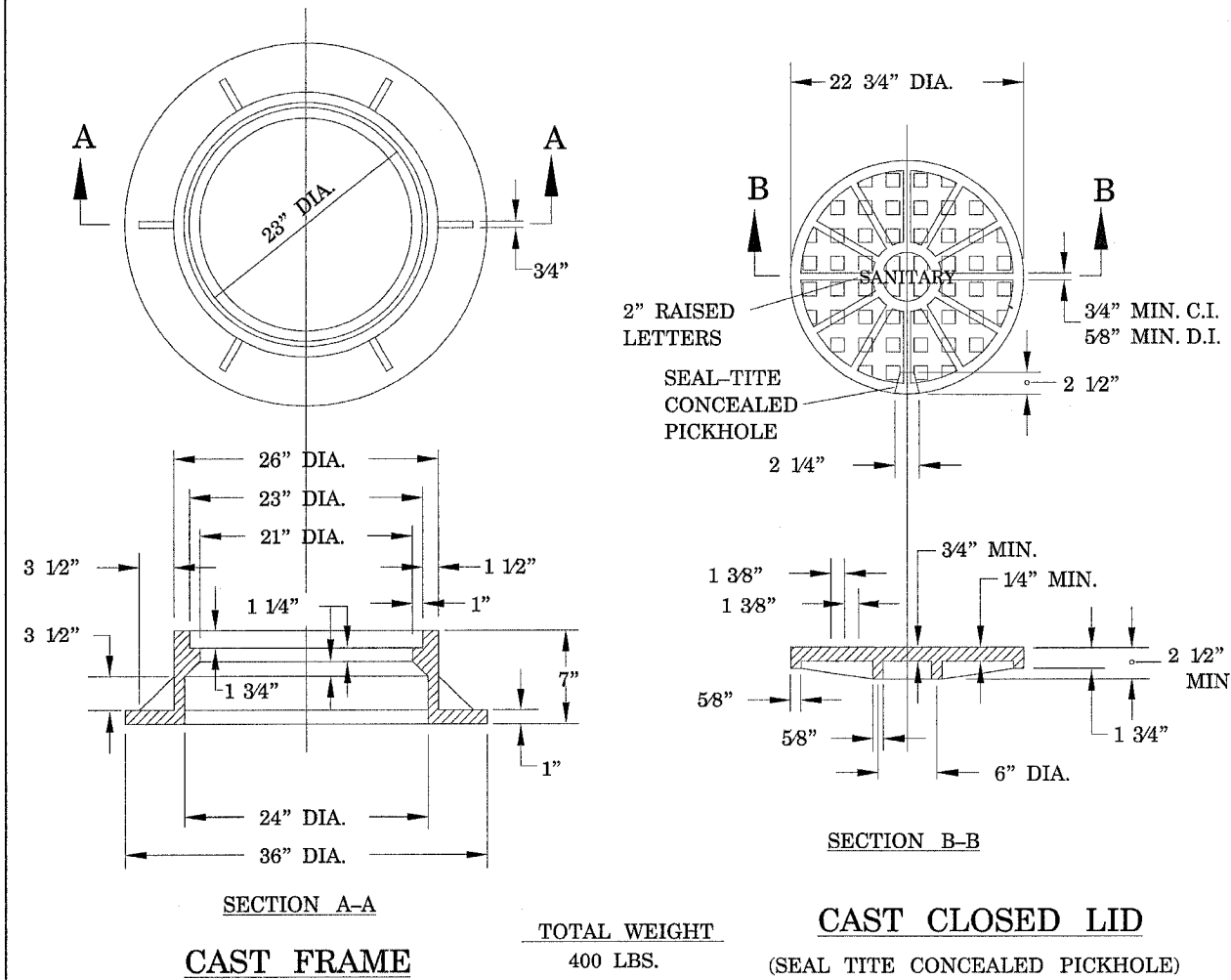
**TREE GRATE**

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F.A. P. RY.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
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STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS	FED. AID PROJECT	

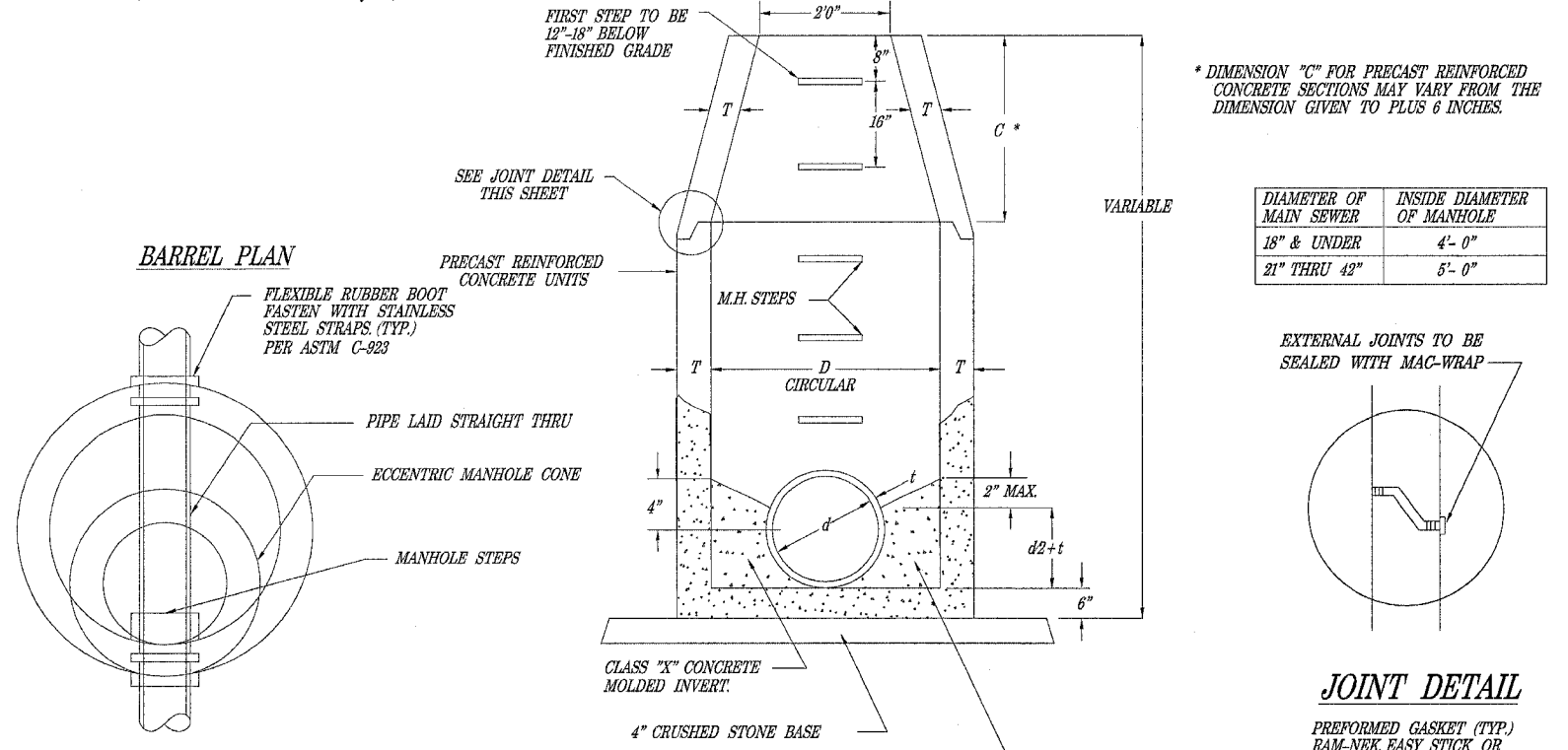
# SANITARY MANHOLE FRAME & COVER



1. DUCTILE IRON CASTING SHALL BE GRADE 60-40-18 AND SHALL BE TESTED IN ACCORDANCE WITH FEDERAL SPECIFICATIONS.
2. ALL FRAMES AND COVERS SHALL HAVE MACHINED HORIZONTAL AND VERTICAL BEARING SURFACES, PICKHOLES SHALL NOT CREATE OPENINGS IN THE COVER.
3. THE MANHOLE COVERS SHALL HAVE RAISED LETTERS AS SHOWN.
4. ALTERNATIVE TO DUCTILE IRON LID, GRAY IRON LID MAY BE USED.
5. MINIMUM WEIGHTS FOR THE CASTINGS AS SHOWN.
6. DIMENSIONS FOR CASTINGS ARE COMPARABLE TO EAST JORDAN NO. 1022-3 OR NEENAH FOUNDRY 1772-C.
7. WATERPROOF, BOLT DOWN FRAME AND COVER SHALL BE USED IN ANY LOCATION SUBJECT TO INUNDATION. NEENAH R-1916-C OR EAST JORDAN IRON WORKS 1022-3PT (OR APPROVED EQUAL).
8. ALL CASTINGS SHALL BE SHOP PAINTED WITH AN ASPHALTIC BASE PAINT.

- NOTE:
1. FRAME: NEENAH R-1772B  
LID: SELF-SEALING CONCEALED PICK HOLE WITH THE WORD "SANITARY" CAST IN LID SET ON BITUMINOUS MASTIC OR RUBBER GASKET SEAL.
  2. ADJUSTING RINGS, PRECAST REINFORCED CONC. 9" MAX., 2" MIN. SET IN A BED OF PREFORMED NON-HARDENING MASTIC (RUB-R-NEK OR APPROVED EQUAL).

MATERIAL FOR WALLS	D	C	T (MIN)
PRECAST REINFORCED CONCRETE SECTIONS	4'0"	2'6"	4"
	5'0"	3'9"	5"



## SANITARY MANHOLE

(Not to Scale)

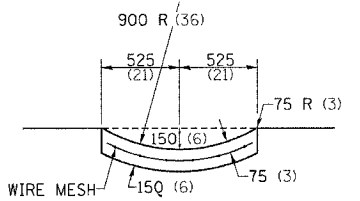
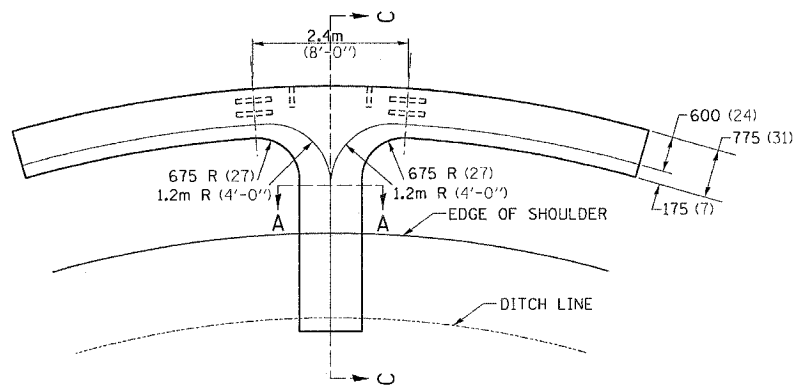
- NOTES:
1. PRECAST REINFORCED CONCRETE RISERS, TOP & BOTTOM SHALL CONFORM TO ASTM C-478.
  2. MANHOLE STEPS SHALL BE NEENAH R-1981-1 W/POLYPROPYLENE COATING SIMILAR TO MA INDUSTRY PS-I-PF OR APPROVED EQUAL.
  3. WHERE REQUIRED, WATERPROOF FRAMES SHALL BE NEENAH R-1919 WITH LID, AS ABOVE OR APPROVED EQUAL.

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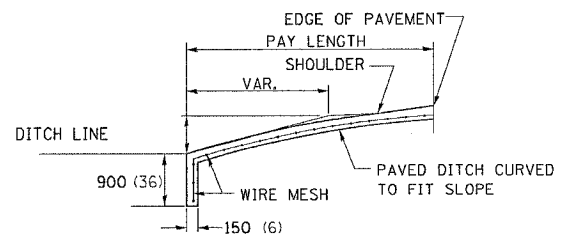
F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
573	116R-4	DEKALB	416	259
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS	FED. AID PROJECT	

# CURB AND GUTTER OUTLET, SPECIAL



QUANTITY OF CONCRETE  
SECTION A-A = 4.72m<sup>3</sup>/m (0.07 CU.YD./FT.)  
8' SECTION OF CURB & GUTTER UP TO  
SECTION A-A = 0.57 m<sup>3</sup> (0.75 CU.YD.)

SECTION A-A



SECTION C-C

**NOTE:**

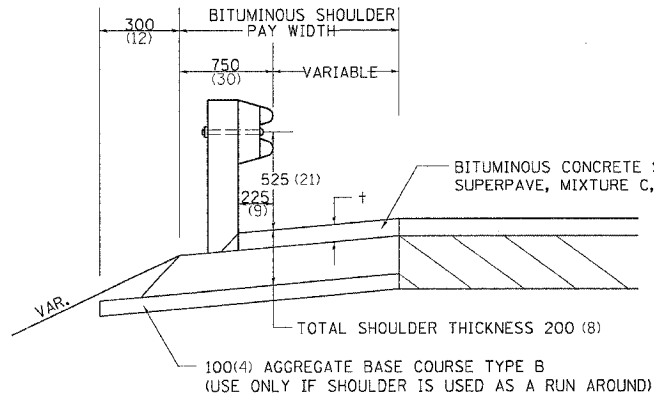
CLASS SI CONCRETE SHALL BE USED THROUGHOUT. CURB AND GUTTER OUTLET SHALL BE TIED TO PAVEMENT SLAB WITH 2 TIE BARS, 750(30) LONG - 750(30) CENTERS. OUTLET SHALL BE TIED TO CURB AND GUTTER AT CONTRACTION JOINTS AS SHOWN. GUTTER OUTLET AND PAVED DITCH SHALL BE REINFORCED WITH WIRE MESH HAVING A WEIGHT OF AT LEAST 2.83 Kg/m<sup>2</sup> (58 LBS/FT.<sup>2</sup>) COST TO BE INCLUDED IN THE UNIT PRICE PER (CUBIC METER) (CU.YD.) FOR CLASS SI CONCRETE (OUTLET).

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

**CURB AND GUTTER OUTLET, SPECIAL 18.4**

REVISED 9-5-95

# DETAIL OF BITUMINOUS SHOULDER AT GUARD RAIL



+ = SEE TYPICAL SECTIONS FOR THICKNESS

**GENERAL NOTES**

THE TOP LIFT SHALL NOT BE PLACED BEHIND THE GUARDRAIL POSTS. WHEN PLACING THE TOP LIFT THE RAIL MUST BE REMOVED FROM THE POSTS. THE POST SHALL NOT BE REMOVED.

THE HEIGHT OF THE GUARD RAIL SHALL BE 525 (21) FROM THE FINISHED SURFACE.

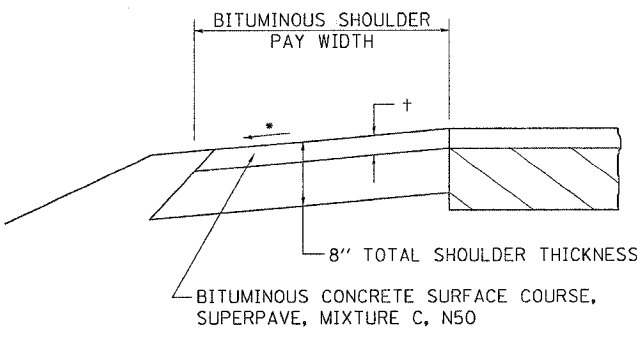
THE BITUMINOUS SHOULDER SHALL BE CONSTRUCTED IN ACCORDANCE WITH SECTION 482 EXCEPT THE TOP LIFT SHALL BE BITUMINOUS CONCRETE SURFACE COURSE, SUPERPAVE, MIXTURE C, N50. THE WORK WILL BE PAID FOR AT THE CONTRACT UNIT PRICE PER TON FOR BITUMINOUS CONCRETE SURFACE COURSE, SUPERPAVE, MIXTURE C, N50, AND SQUARE METER (SQUARE YARD) FOR BITUMINOUS SHOULDERS SUPERPAVE OF THE THICKNESS SPECIFIED. THE REMOVAL & REINSTALLATION OF THE GUARDRAIL WILL BE INCLUDED IN THE COST OF THE BITUMINOUS CONCRETE SURFACE COURSE, SUPERPAVE, MIXTURE C, N50.

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

**DETAIL OF BITUMINOUS SHOULDER AT GUARD RAIL 23.4**

REVISED 1-17-02

# BITUMINOUS SHOULDER



+ = SEE TYPICAL SECTIONS FOR THICKNESS

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

**GENERAL NOTES**

THE BITUMINOUS SHOULDER SHALL BE CONSTRUCTED IN ACCORDANCE WITH SECTION 482 EXCEPT THE TOP LIFT SHALL BE BITUMINOUS CONCRETE SURFACE COURSE, SUPERPAVE, MIXTURE C, N50. THE WORK WILL BE PAID FOR AT THE CONTRACT UNIT PRICE PER TON FOR BITUMINOUS CONCRETE SURFACE COURSE, SUPERPAVE, MIXTURE C, N50, AND SQUARE YARD FOR BITUMINOUS SHOULDERS SUPERPAVE OF THE THICKNESS SPECIFIED.

USE BITUMINOUS CONCRETE SURFACE COURSE, SUPERPAVE, MIXTURE C, N50, WHEN RESURFACING EXISTING BITUMINOUS SHOULDERS. THE THICKNESS IS SHOWN ON THE TYPICAL SECTIONS. THIS WORK WILL BE PAID FOR AT THE CONTRACT UNIT PRICE PER TON FOR BITUMINOUS CONCRETE SURFACE COURSE, SUPERPAVE, MIXTURE C, N50.

REMOVAL OF MATERIAL FOR PLACEMENT OF THE BITUMINOUS SHOULDER TO BE PAID FOR IN UNITS FOR EXCAVATING AND GRADING EXISTING SHOULDERS OR IN CUBIC YARDS FOR EARTH EXCAVATION OR EARTH EXCAVATION WIDENING.

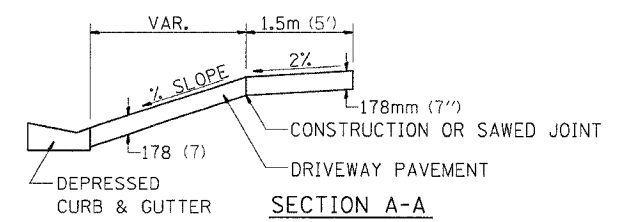
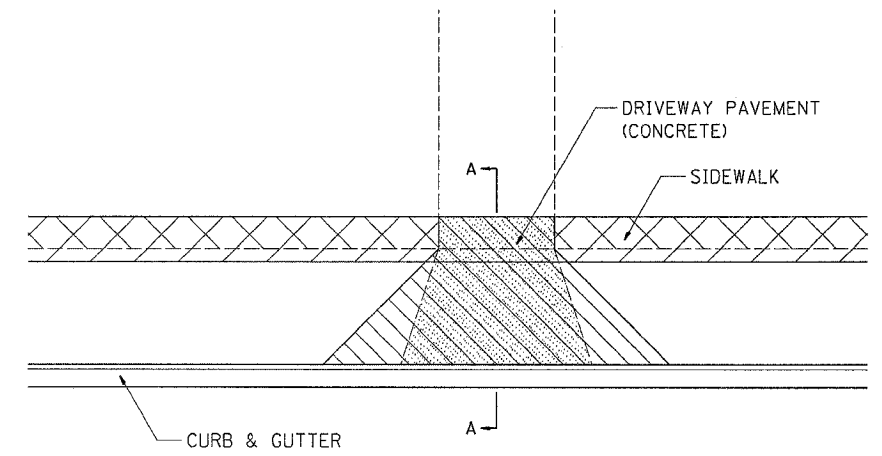
\* 4% WHEN MAINLINE IS ON TANGENT. FOR CROSS SLOPE ON SUPERELEVATION SECTION, SEE HIGHWAY STANDARD 482001 OR 482006.

**BITUMINOUS SHOULDER 23.4a**

REVISED 5-30-03

# SIDEWALK AND DRIVEWAY PAVEMENT PAY AREAS

- PAY FOR AS**
- SIDEWALK REMOVAL
  - DRIVEWAY PAVEMENT REMOVAL
  - PCC SIDEWALK 127 (5)
  - PCC DRIVEWAY PAVEMENT 178 (7)



FOR DETAILS ON DIMENSIONS AND GRADES, SEE DISTRICT STANDARD 25.1 OR PLANS.

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

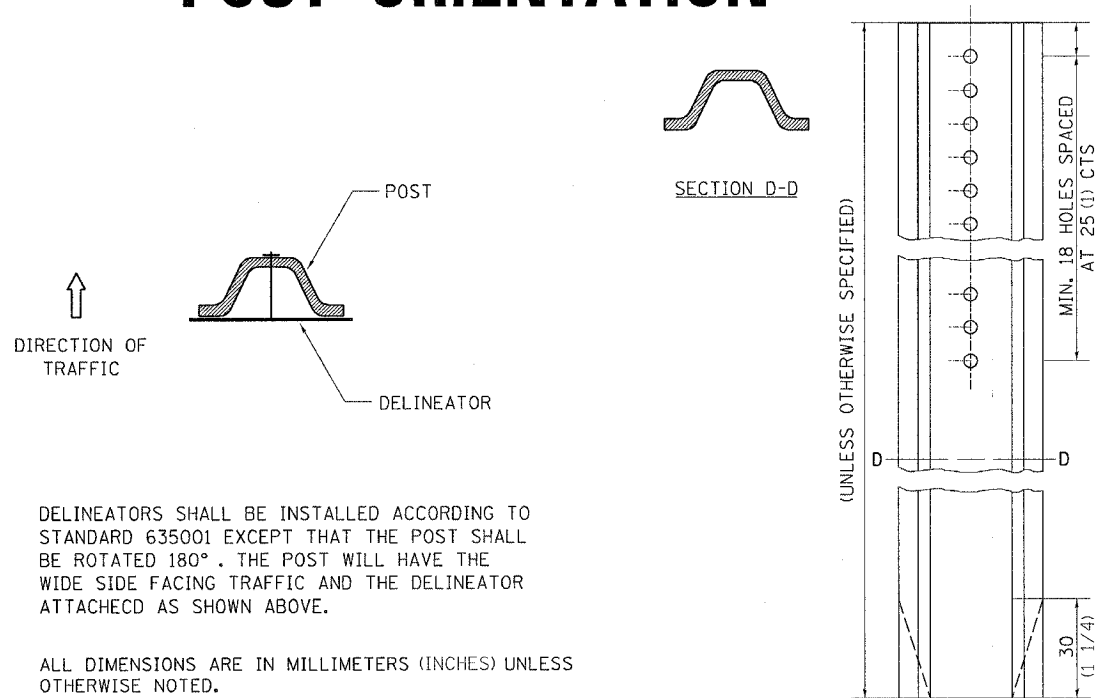
**SIDEWALK AND DRIVEWAY PAVEMENT PAY AREAS 35.4**

REVISED 10-15-04

PLOT DATE = Fri, Sep 02 07:12:28 2005  
 FILE NAME = C:\projects\c201700\job1700\p1.dgn  
 REFERENCE = REF5

F.A. DISTRICT NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
573	116R-4	DEKALB	416	260
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		

# DELINEATOR AND POST ORIENTATION



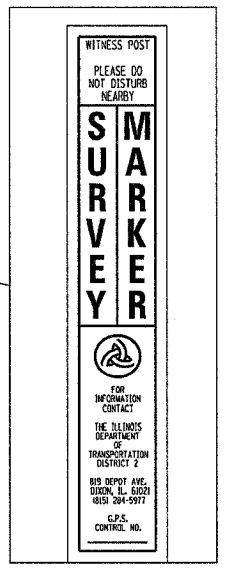
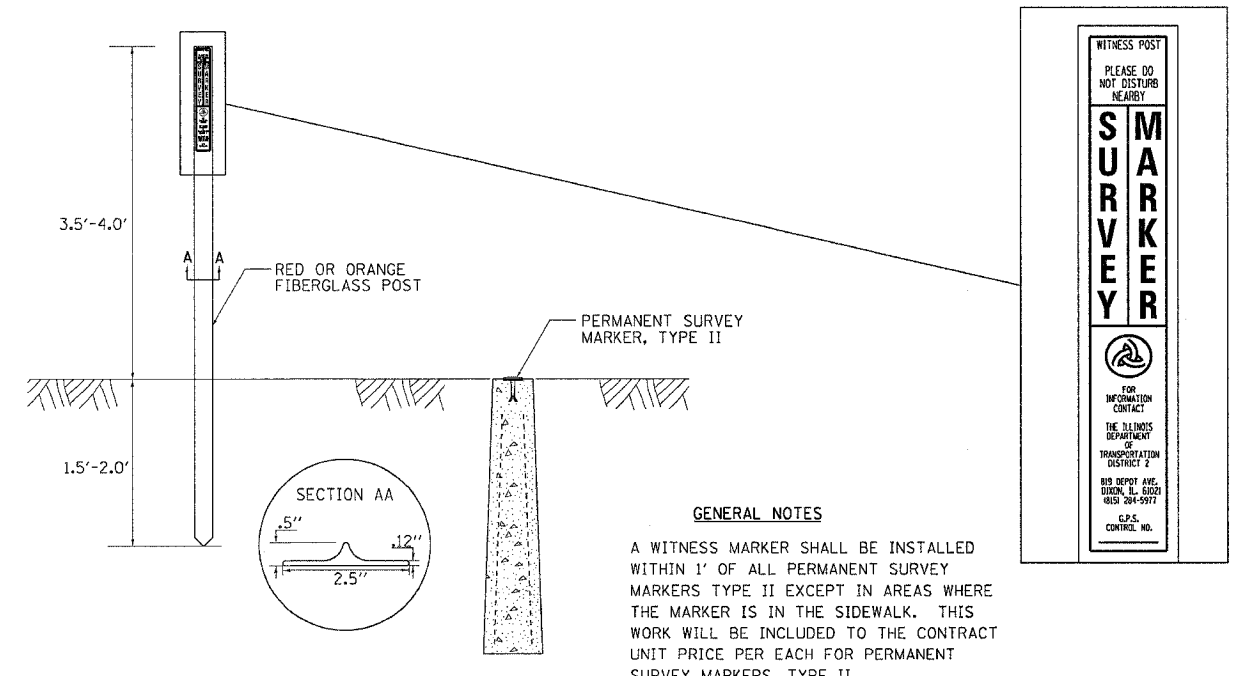
DELINEATORS SHALL BE INSTALLED ACCORDING TO STANDARD 635001 EXCEPT THAT THE POST SHALL BE ROTATED 180°. THE POST WILL HAVE THE WIDE SIDE FACING TRAFFIC AND THE DELINEATOR ATTACHED AS SHOWN ABOVE.

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

**DELINEATOR AND POST ORIENTATION 37.4**

REVISED 1-31-00

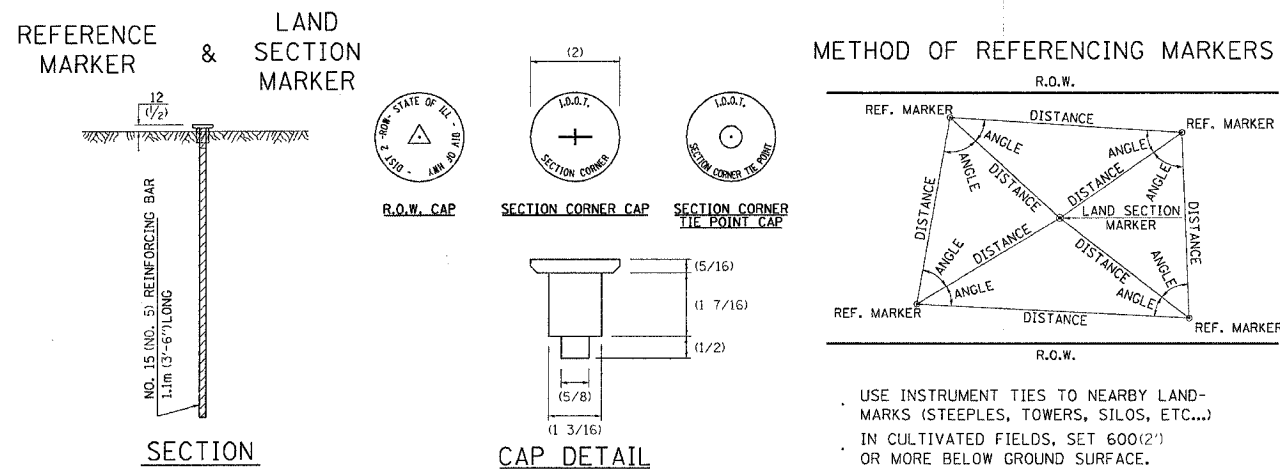
# WITNESS MARKER FOR PERMANENT SURVEY MARKERS TYPE II



**WITNESS MARKER FOR PERMANENT SURVEY MARKERS TYPE II 38.4**

REVISED 1-31-00

# REFERENCE MARKERS



**METHOD OF REFERENCING POINTS**

REFERENCE MARKERS SHALL BE USED TO TIE IN PERMANENT LAND SECTION AND 1/4 SECTION CORNERS. WHERE LAND SECTION MARKERS FALL IN THE SHOULDERS OR GRAVEL SURFACES, THE TOP OF THE BAR SHALL BE KEPT 75(3) BELOW THE SURFACE. LAND SECTION MARKERS LOCATED IN TRAFFIC LANES SHALL NOT BE REPLACED.

METAL CAPS SHALL BE PLACED ON TOP OF THE REINFORCEMENT BAR. THERE ARE 3 TYPES OF CAPS, ONE FOR THE RIGHT-OF-WAY CORNERS, ONE FOR THE SECTION CORNERS AND ONE FOR THE SECTION CORNER TIE POINTS. THE CAPS WILL BE SUPPLIED BY IDOT, CALL CHIP CORDELL (815) 284-5370 A MINIMUM OF ONE WEEK BEFORE THE CAPS ARE NEEDED

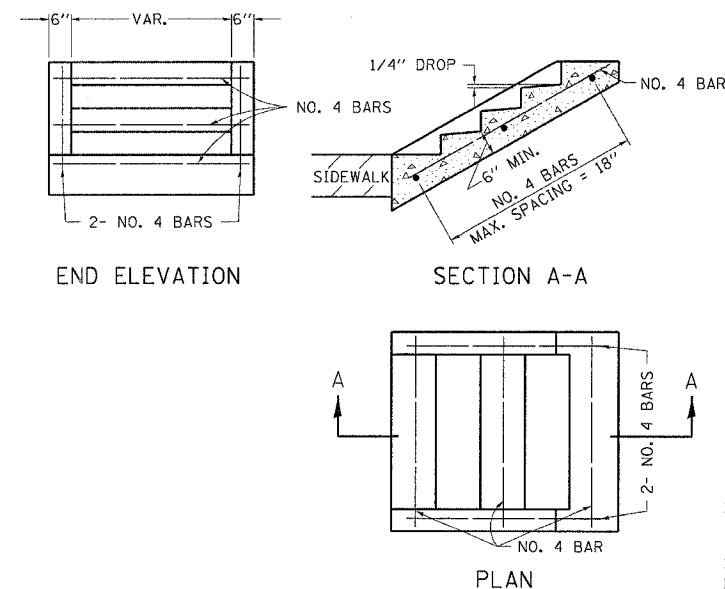
- USE INSTRUMENT TIES TO NEARBY LAND-MARKS (STEEPLES, TOWERS, SILOS, ETC...)
- IN CULTIVATED FIELDS, SET 600(2') OR MORE BELOW GROUND SURFACE.
- IN FENCE LINE OR PROTECTED AREA SET TOP AT GROUND LEVEL.

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

**REFERENCE MARKERS 63.4**

REVISED 4-22-05

# DETAIL OF CONCRETE STEPS



SLOPE	TREAD	RISER
1:2	12"	6"
1:3	15"	5"
1:4	17"	4 1/4"

WHERE SLOPES FALL BETWEEN THOSE SHOWN IN THE TABLE ABOVE, THE STAIR RAIL SHOULD FIT THE SLOPE AND THE TREAD IN INCHES x THE RISER IN INCHES SHOULD BE BETWEEN 72 AND 78.

**EXAMPLE:**

FOR A 1:4 SLOPE USE  $y = \text{RISER HEIGHT}$   $4y^2 = 75"$ . SOLVING  $y^2 = \frac{75}{4}$ ,  $y = 4.3"$  (USE 4 1/4" FOR CONVENIENCE.) TREAD WOULD THEN BE  $4 \frac{1}{4}" \times 4 = 17"$

COST OF REINFORCEMENT BARS SHALL BE PAID FOR AT THE CONTRACT UNIT PRICE PER LBS REINFORCEMENT BARS.

CLASS SI CONCRETE SHALL BE USED THROUGHOUT, WHICH SHALL BE PAID FOR AT THE CONTRACT UNIT PRICE PER CUBIC YARD FOR CLASS SI CONCRETE STEPS.

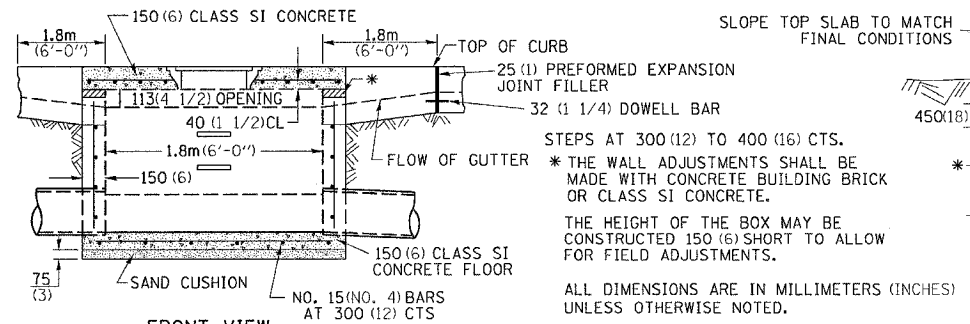
ALL DIMENSIONS ARE IN INCHES UNLESS OTHERWISE NOTED.

**DETAIL OF CONCRETE STEPS 71.4**

REVISED 3-3-05

F.A. PR. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
573	116R-4	DEKALB	416	261
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS	FED. AID PROJECT	

# INLET SPECIAL NO. 3



**FRONT VIEW**

**NOTES**

SEE STANDARD 602701 FOR DETAILS OF STEPS. 25 (1) PREFORMED EXPANSION JOINTS AS SHOWN SHALL BE PROVIDED ON EACH SIDE OF INLET. CLASS SI CONCRETE OR PRECAST CONCRETE SHALL BE USED THROUGHOUT. THE SIDE WALLS MAY BE BUILT AS PRECAST SEGMENTAL SECTIONS. REINFORCEMENT FOR INLET SPECIAL #3 SHALL BE ACCORDING TO DISTRICT STANDARD 79.4e

**LIGHT WEIGHT MANHOLE CASTING**

TOTAL WEIGHT 73 KG. (160 LBS.)

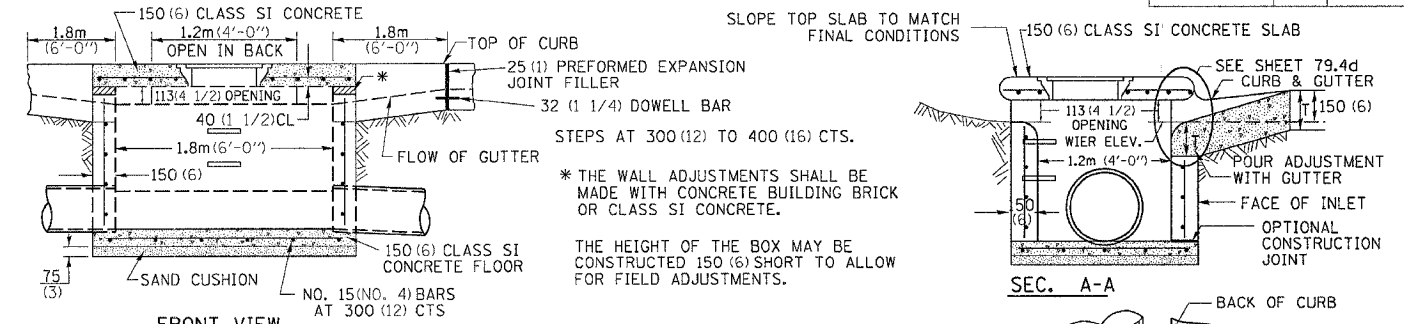
STEPS AT 300 (12) TO 400 (16) CTS. \* THE WALL ADJUSTMENTS SHALL BE MADE WITH CONCRETE BUILDING BRICK OR CLASS SI CONCRETE. THE HEIGHT OF THE BOX MAY BE CONSTRUCTED 150 (6) SHORT TO ALLOW FOR FIELD ADJUSTMENTS. ALL DIMENSIONS ARE IN MILLIMETERS (INCHES) UNLESS OTHERWISE NOTED.

STEPS SHALL BE OMITTED WHEN DEPTH OF INLET IS LESS THAN 1.5 m (5 ft.). THE INLET SHALL BE CAST IN PLACE OR PRECAST. EXCEPT AS NOTED HEREON INLET SPECIAL NO. 3 SHALL BE CONSTRUCTED IN ACCORDANCE WITH SECTION 602 OF THE STANDARD SPECIFICATIONS. THE CONTRACT UNIT PRICE EACH FOR INLET SPECIAL NO. 3 SHALL INCLUDE THE COST OF FURNISHING AND INSTALLING THE FRAME, LID, REINFORCEMENT BARS, FLOOR AND TOP SLABS, CAST IRON STEPS (IF USED). THE CURB AND GUTTER WILL BE PAID FOR SEPARATELY AND WILL BE MEASURED THROUGH THE INLET. THE CURB AND GUTTER ADJACENT TO AND 1.8m (6 FT) ON EITHER SIDE OF THE INLET SHALL BE CONSTRUCTED AS SHOWN WITH NO ADDITIONAL COMPENSATION FOR THE TRANSITION.

**INLET SPECIAL NO. 3 79.4**

REVISED 4-4-05

# INLET SPECIAL NO. 4



**FRONT VIEW**

**NOTES**

SEE STANDARD 602701 FOR DETAILS OF STEPS. 25 (1) PREFORMED EXPANSION JOINTS AS SHOWN SHALL BE PROVIDED ON EACH SIDE OF INLET. CLASS SI CONCRETE OR PRECAST CONCRETE SHALL BE USED THROUGHOUT. THE SIDE WALLS MAY BE BUILT AS PRECAST SEGMENTAL SECTIONS. REINFORCEMENT FOR INLET SPECIAL NO. 4 SHALL BE ACCORDING TO DISTRICT STANDARD 79.4e

**LIGHT WEIGHT MANHOLE CASTING**

TOTAL WEIGHT 73 KG. (160 LBS.)

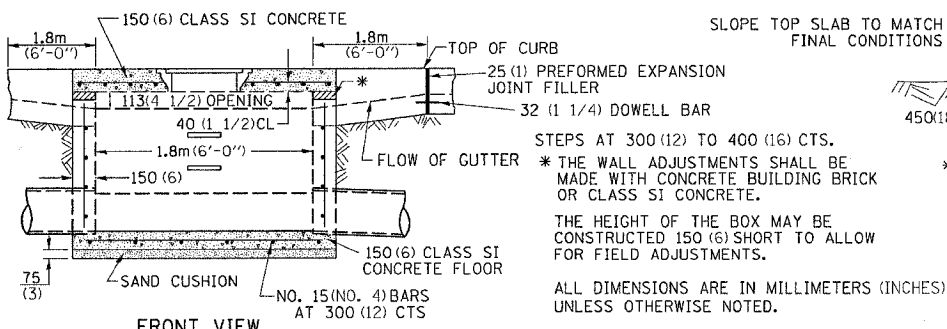
STEPS AT 300 (12) TO 400 (16) CTS. \* THE WALL ADJUSTMENTS SHALL BE MADE WITH CONCRETE BUILDING BRICK OR CLASS SI CONCRETE. THE HEIGHT OF THE BOX MAY BE CONSTRUCTED 150 (6) SHORT TO ALLOW FOR FIELD ADJUSTMENTS. ALL DIMENSIONS ARE IN MILLIMETERS (INCHES) UNLESS OTHERWISE NOTED.

STEPS SHALL BE OMITTED WHEN DEPTH OF INLET IS LESS THAN 1.5 m (5 ft.). THE INLET SHALL BE CAST IN PLACE OR PRECAST. EXCEPT AS NOTED HEREON INLET SPECIAL NO. 4 SHALL BE CONSTRUCTED IN ACCORDANCE WITH SECTION 602 OF THE STANDARD SPECIFICATIONS. THE CONTRACT UNIT PRICE EACH FOR INLET SPECIAL NO. 4 SHALL INCLUDE THE COST OF FURNISHING AND INSTALLING THE FRAME, LID, REINFORCEMENT BARS, FLOOR AND TOP SLABS, CAST IRON STEPS (IF USED). THE CURB AND GUTTER WILL BE PAID FOR SEPARATELY AND WILL BE MEASURED THROUGH THE INLET. THE CURB AND GUTTER ADJACENT TO AND 1.8m (6 FT) ON EITHER SIDE OF THE INLET SHALL BE CONSTRUCTED AS SHOWN WITH NO ADDITIONAL COMPENSATION FOR THE TRANSITION.

**INLET SPECIAL NO. 4 79.4a**

REVISED 4-4-05

# INLET SPECIAL NO. 5



**FRONT VIEW**

**NOTES**

SEE STANDARD 602701 FOR DETAILS OF STEPS. 25 (1) PREFORMED EXPANSION JOINTS AS SHOWN SHALL BE PROVIDED ON EACH SIDE OF INLET. CLASS SI CONCRETE OR PRECAST CONCRETE SHALL BE USED THROUGHOUT. THE SIDE WALLS MAY BE BUILT AS PRECAST SEGMENTAL SECTIONS. REINFORCEMENT FOR INLET SPECIAL NO. 5 SHALL BE ACCORDING TO DISTRICT STANDARD 79.4e

**LIGHT WEIGHT MANHOLE CASTING**

TOTAL WEIGHT 73 KG. (160 LBS.)

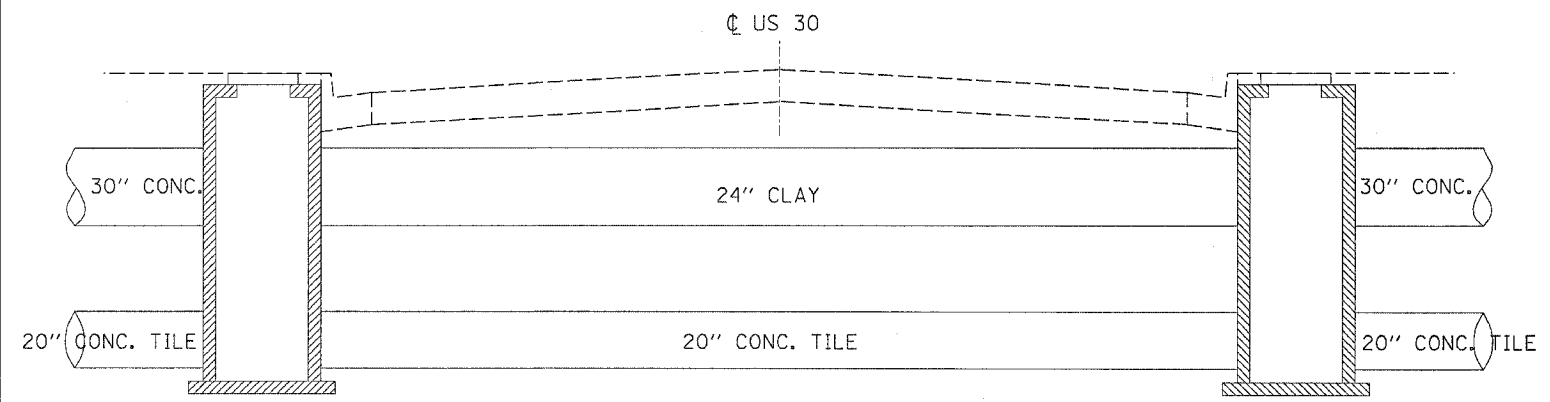
STEPS AT 300 (12) TO 400 (16) CTS. \* THE WALL ADJUSTMENTS SHALL BE MADE WITH CONCRETE BUILDING BRICK OR CLASS SI CONCRETE. THE HEIGHT OF THE BOX MAY BE CONSTRUCTED 150 (6) SHORT TO ALLOW FOR FIELD ADJUSTMENTS. ALL DIMENSIONS ARE IN MILLIMETERS (INCHES) UNLESS OTHERWISE NOTED.

STEPS SHALL BE OMITTED WHEN DEPTH OF INLET IS LESS THAN 1.5 m (5 ft.). THE INLET SHALL BE CAST IN PLACE OR PRECAST. EXCEPT AS NOTED HEREON INLET SPECIAL NO. 5 SHALL BE CONSTRUCTED IN ACCORDANCE WITH SECTION 602 OF THE STANDARD SPECIFICATIONS. THE CONTRACT UNIT PRICE EACH FOR INLET SPECIAL NO. 5 SHALL INCLUDE THE COST OF FURNISHING AND INSTALLING THE FRAME, LID, REINFORCEMENT BARS, FLOOR AND TOP SLABS, CAST IRON STEPS (IF USED). THE CURB AND GUTTER WILL BE PAID FOR SEPARATELY AND WILL BE MEASURED THROUGH THE INLET. THE CURB AND GUTTER ADJACENT TO AND 1.8m (6 FT) ON EITHER SIDE OF THE INLET SHALL BE CONSTRUCTED AS SHOWN WITH NO ADDITIONAL COMPENSATION FOR THE TRANSITION.

**INLET SPECIAL NO. 5 79.4b**

REVISED 4-4-05

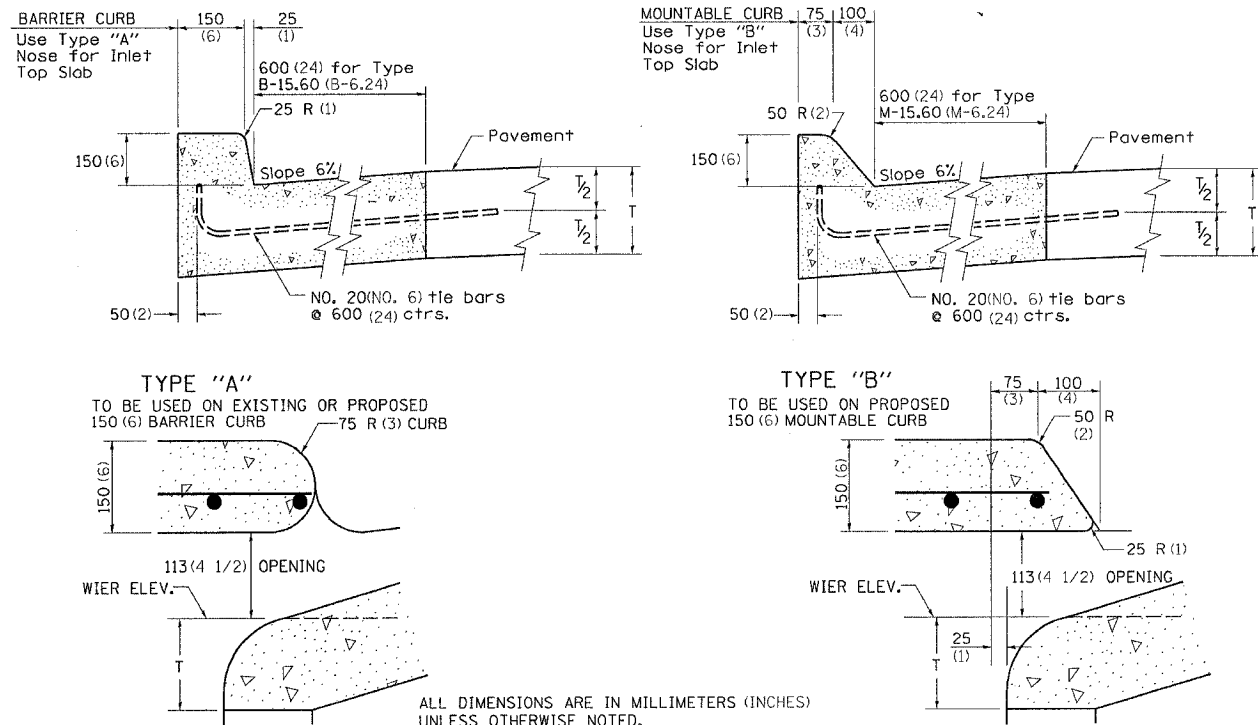
# STORM SEWER REMOVAL DETAIL STA. 815 + 88.60



PLOT DATE = Fri, Sep 02 07:12:22 2005  
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PLOT SCALE = 1/8" = 1'-0"  
REFERENCE = REF#s

F.A. P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
573	116R-4	DEKALB	416	262
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		

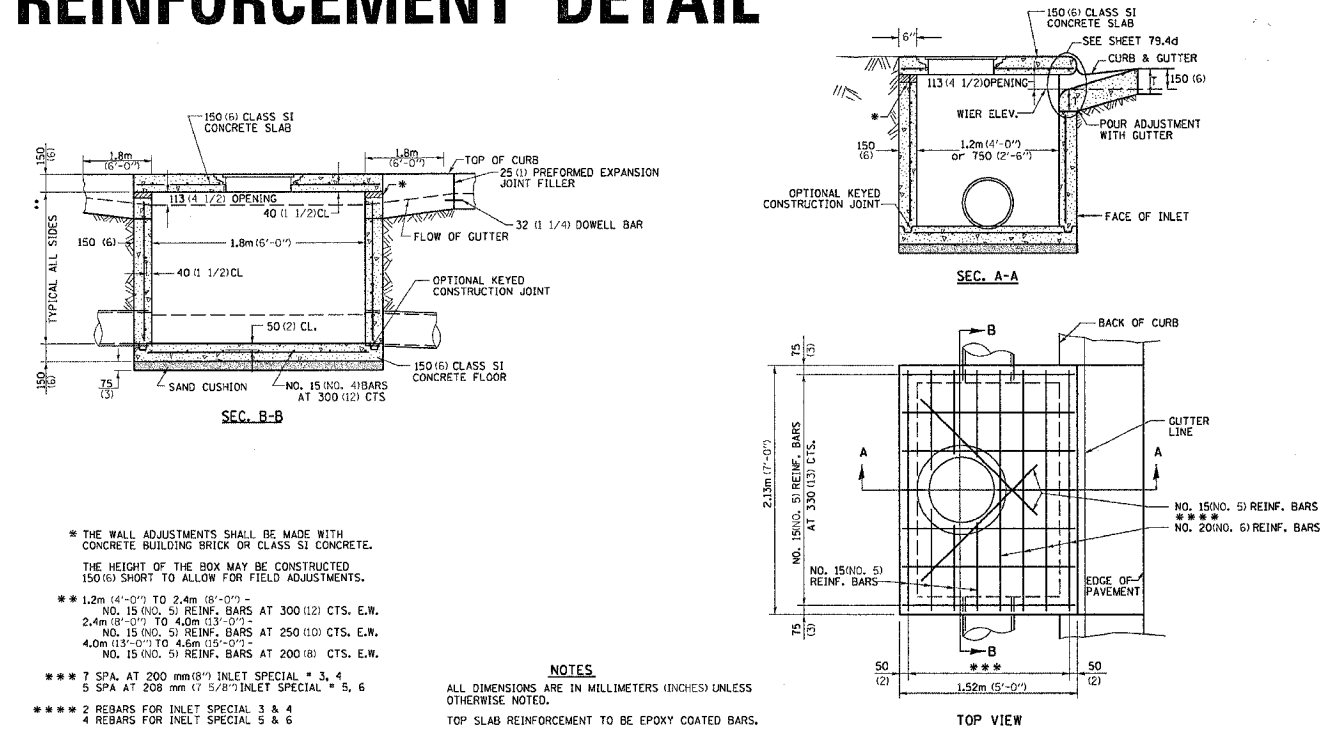
### NOSE TYPE FOR INLET TOP SLAB



**NOSE TYPE FOR INLET TOP SLAB 79.4d**

REVISED 2-14-95

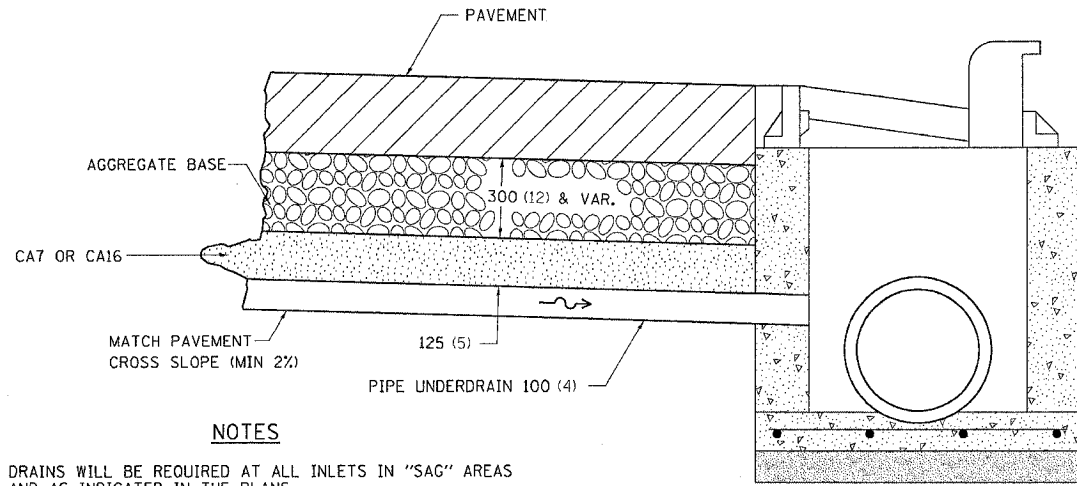
### INLET SPECIAL NO. 3, 4, 5, 6 REINFORCEMENT DETAIL



**INLET SPECIAL NO. 3, 4, 5, 6 REINFORCEMENT DETAIL 79.4e**

REVISED 4-4-05

### DRAIN FOR AGGREGATE BASES IN URBAN AREAS



**NOTES**

DRAINS WILL BE REQUIRED AT ALL INLETS IN "SAG" AREAS AND AS INDICATED IN THE PLANS.  
 THIS WORK SHALL BE COMPLETED ACCORDING TO SECTION 601 OF THE STANDARD SPECIFICATIONS.  
 THIS WORK WILL BE PAID FOR AT THE CONTRACT UNIT PRICE PER METER (FOOT) FOR PIPE UNDERDRAINS OF THE DIAMETER SPECIFIED WHICH PRICE SHALL INCLUDE THE CA7 OR CA16 AND THE CONNECTION TO THE INLET.  
 ALL DIMENSIONS ARE IN MILLIMETERS (INCHES) UNLESS OTHERWISE NOTED.

**DRAIN FOR AGGREGATE BASES IN URBAN AREAS 88.4**

REVISED 4-7-99

### TREE REPLACEMENT SCHEDULE

CODE NUMBER	SCIENTIFIC NAME	COMMON NAME	SIZE	UNIT	QUANTITY
A2001714	TREE, ACER SACCHARUM	SUGAR MAPLE	1 3/4" CALIPER, BALLED & BURLAPPED	EACH	5
A2007814	TREE, TILIA AMERICANA	AMERICAN LINDEN/BASSWOOD	1 3/4" CALIPER, BALLED & BURLAPPED	EACH	5
B2002716	TREE, MALUS ADIRONDACK	ADIRONDACK CRABAPPLE	2" CALIPER, TREE FORM BALLED & BURLAPPED	EACH	5
B2004114	TREE, MALUS PRAIRIFIRE	PRAIRIFIRE CRABAPPLE	1 3/4" CALIPER, TREE FORM BALLED & BURLAPPED	EACH	4
B2004814	TREE, MALUS SARGENTII	SARGENT CRABAPPLE	1 3/4" CALIPER, TREE FORM BALLED & BURLAPPED	EACH	5
D2001772	EVERGREEN PICEA ABIES	NORWAY SPRUCE	6' HEIGHT, BALLED & BURLAPPED	EACH	37
				TOTAL	61

**GENERAL NOTES:**

LAYOUT SHALL BE PERFORMED BY THE DISTRICT LANDSCAPE ARCHITECT.  
 MULCH SHALL BE HARDWOOD WOOD CHIPS, 5 FOOT WIDTH, 4 INCHES THICK WITH WEED BARRIER FABRIC.  
 THE 37 PICEA ABIES SHALL BE PLANTED AT THE IDOT WATERMAN MAINTENANCE YARD LOCATED ON U.S. RTE. 30, EAST SIDE OF WATERMAN.

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

**TREE REPLACEMENT SCHEDULE 90.4**

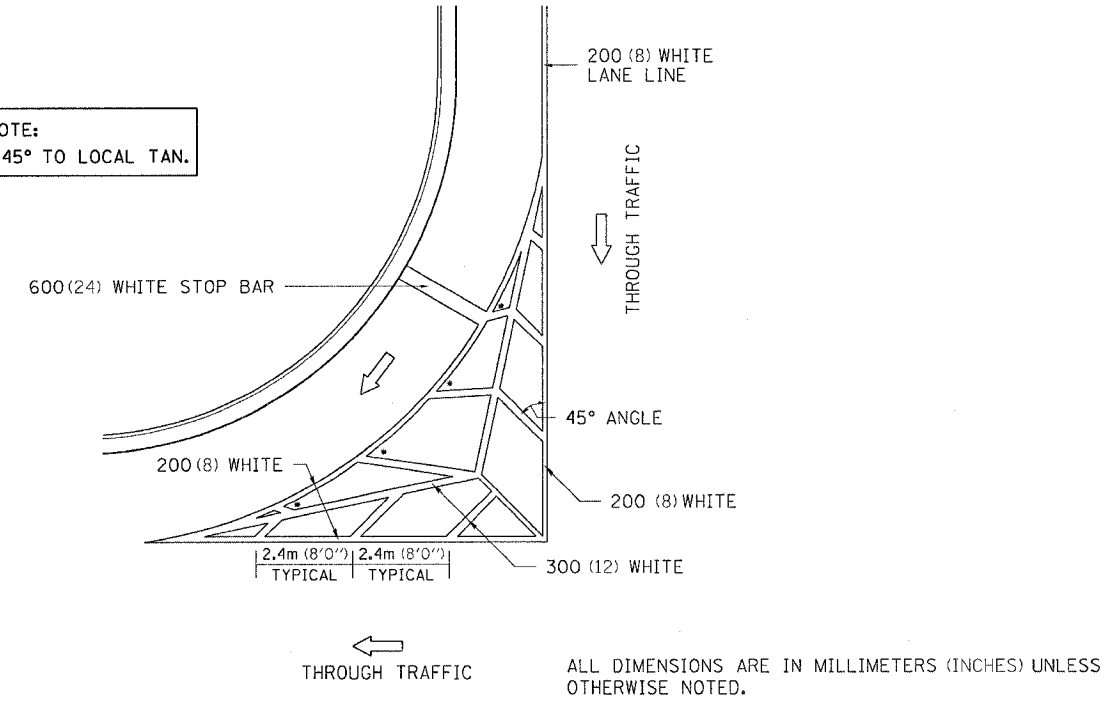
REVISED 8-10-05

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 REFERENCE = REF1

F.A. P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
573	116R-4	DEKALB	416	263
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		

# TYPICAL MARKING FOR PAINTED ISLANDS

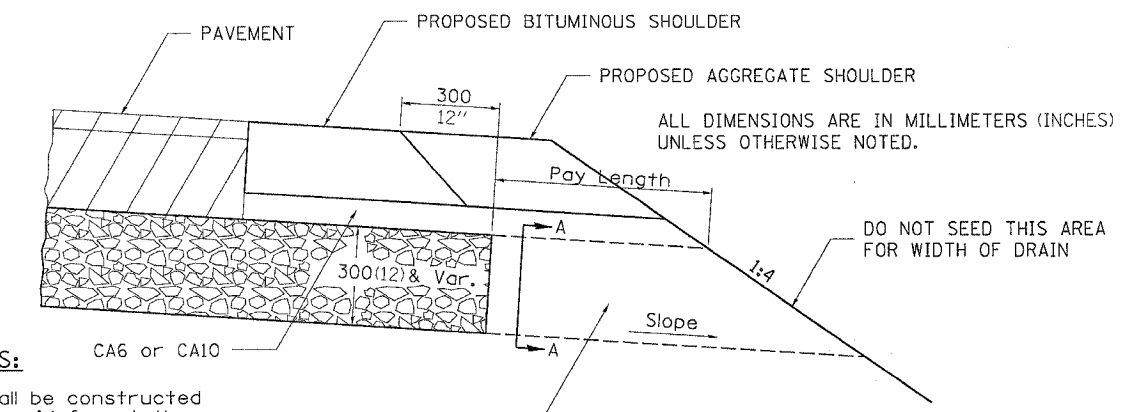
NOTE:  
\* 45° TO LOCAL TAN.



**TYPICAL MARKING FOR PAINTED ISLANDS 93.4**

REVISED 2-7-05

# DRAIN FOR AGGREGATE BASE COURSE



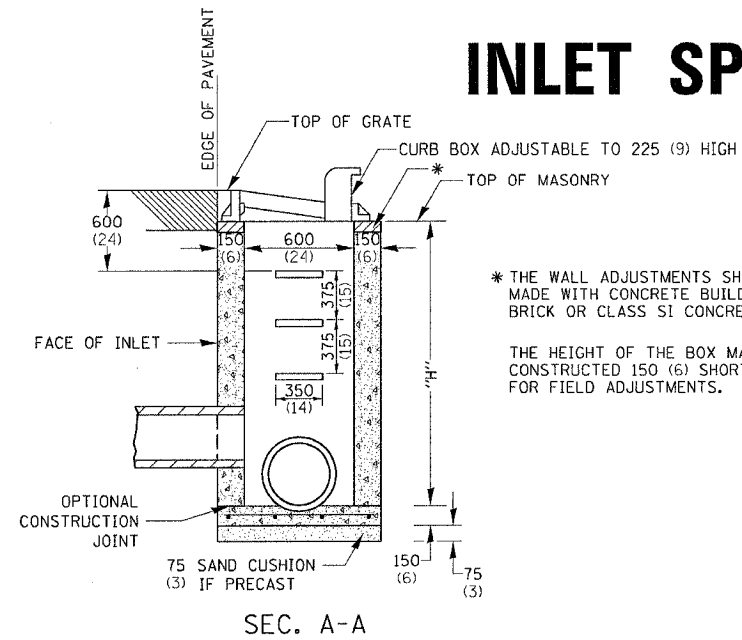
**NOTES:**  
The rock outlets shall be constructed using CA7 and will be paid for at the contract unit price per m<sup>2</sup> (SQ. YD.) for SUB-BASE GRANULAR MATERIAL, TYPE A of the thickness specified which includes the filter fabric. The Rock outlets will be measured in m<sup>2</sup> (SQ. YD.), the width being 900 (36) by the length shown above. The cost of the CA6 or CA10 under the shoulder shall be included in the contract unit price per m<sup>2</sup> (SQ. YD.) for SUB-BASE GRANULAR MATERIAL, TYPE A of the thickness specified. The filter fabric to be used shall conform to the filter fabric used for Riprap.

**DRAIN FOR AGGREGATE BASE COURSE 96.4**

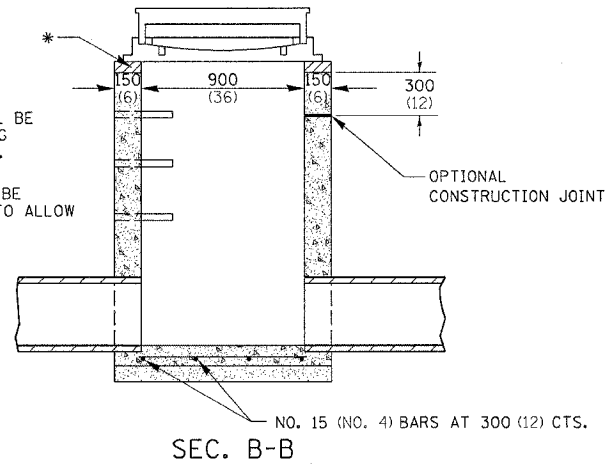
REVISED 7-13-95

F.A. R. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
573	116R-4	DEKALB	416	264
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		

# INLET SPECIAL

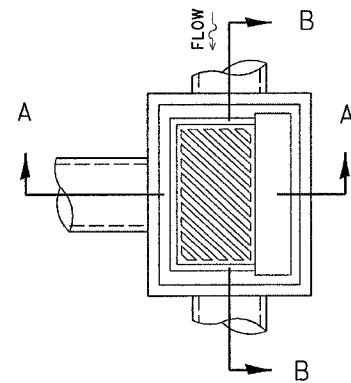


\* THE WALL ADJUSTMENTS SHALL BE MADE WITH CONCRETE BUILDING BRICK OR CLASS SI CONCRETE.  
THE HEIGHT OF THE BOX MAY BE CONSTRUCTED 150 (6) SHORT TO ALLOW FOR FIELD ADJUSTMENTS.



SEC. A-A

SEC. B-B



## DETAIL OF FRAME & GRATE

**NOTES**

CLASS SI CONCRETE OR PRECAST CONCRETE SHALL BE USED THROUGHOUT. PRECAST CONCRETE SHALL BE IN ACCORDANCE WITH SECTION 504.01 THRU 504.05 OF THE STANDARD SPECIFICATIONS EXCEPT THAT CONCRETE STRENGTH SHALL BE 27.5 MPa (4,000 psi) AFTER 28 DAYS.

THE CONTRACT UNIT PRICE EACH FOR INLET SPECIAL SHALL INCLUDE THE COST OF CONSTRUCTING THE INLET BOX, FURNISHING AND INSTALLING THE FRAME AND GRATE, THE CAST IRON STEPS (IF USED), THE PRECAST FLOOR SLABS, SAND CUSHION (WHEN USED) AND REINFORCEMENT BARS.

**NOTES**

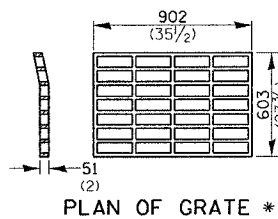
SEE STANDARD 602701 FOR DETAILS OF STEPS.

EXCEPT AS NOTED HEREON INLET SPECIAL SHALL BE CONSTRUCTED IN ACCORDANCE WITH SECTION 602 OF THE STANDARD SPECIFICATIONS.

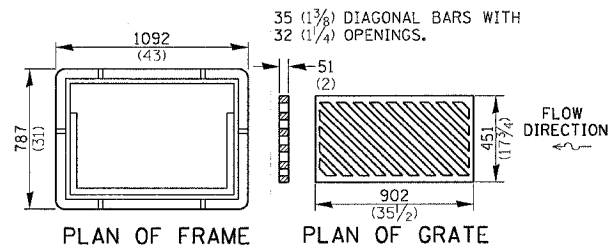
THE SIDE WALLS MAY BE BUILT AS PRECAST SEGMENTED SECTIONS.

ALL VOIDS AROUND PIPE ENTRANCE, BOTH INSIDE AND OUTSIDE, SHALL BE SEALED WITH MORTAR.

WEIGHT OF CAST IRON FRAME & GRATE = 240 kg (530 lbs.) ± . STEPS SHALL BE OMITTED WHEN DEPTH OF "H" IS LESS THAN 1.5 m (5 ft) .

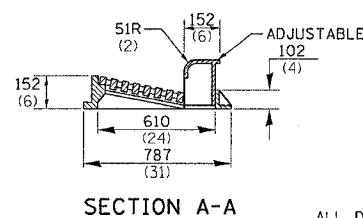


PLAN OF GRATE \*

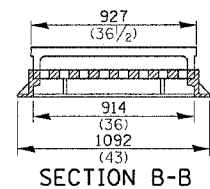


PLAN OF FRAME

PLAN OF GRATE



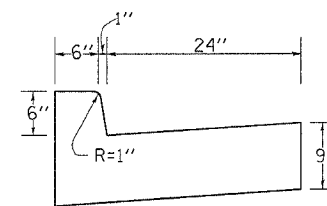
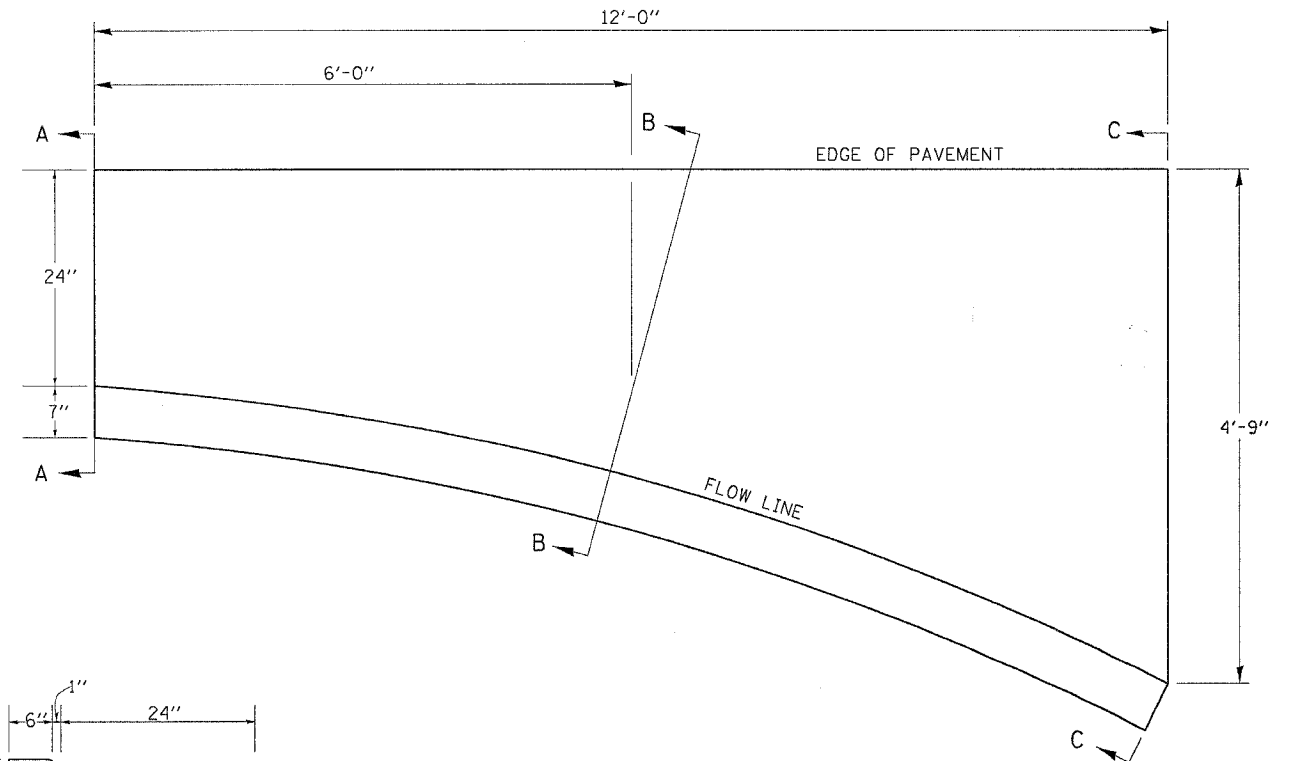
SECTION A-A



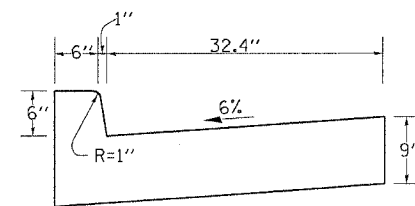
SECTION B-B

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

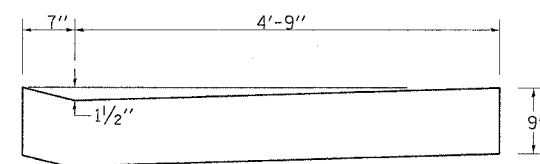
# STANDARD INLET FOR CURB & GUTTER TYPE B-6.24



SECTION A-A



SECTION B-B



SECTION C-C

**NOTES**

Class SI Concrete shall be used throughout.

The Curb and Gutter inlet will be paid for at the contract unit price per cubic yard for Class SI Concrete (OUTLETS).

Joints shall be constructed in accordance with the requirements of Article 606.06 of the Standard Specifications.

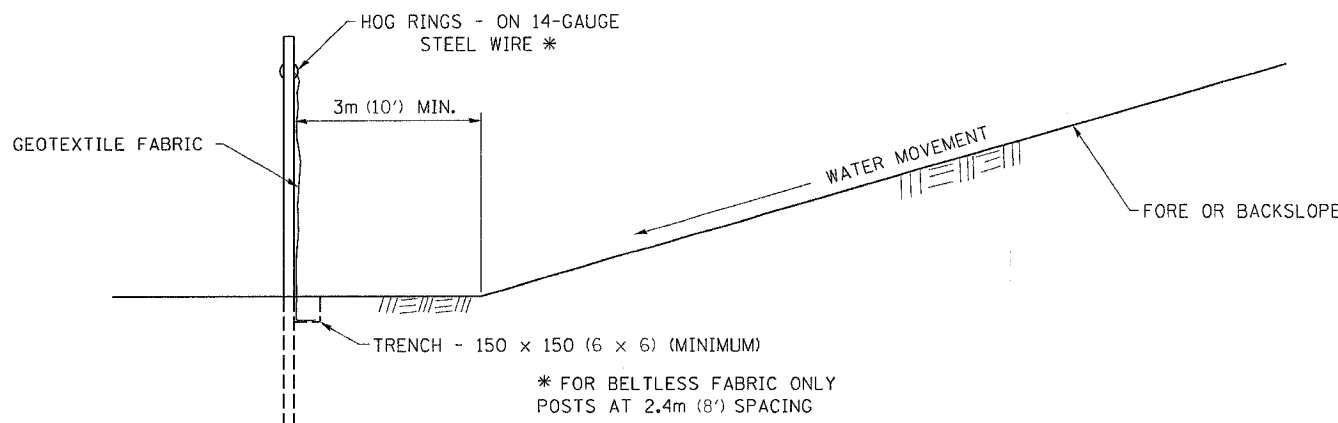
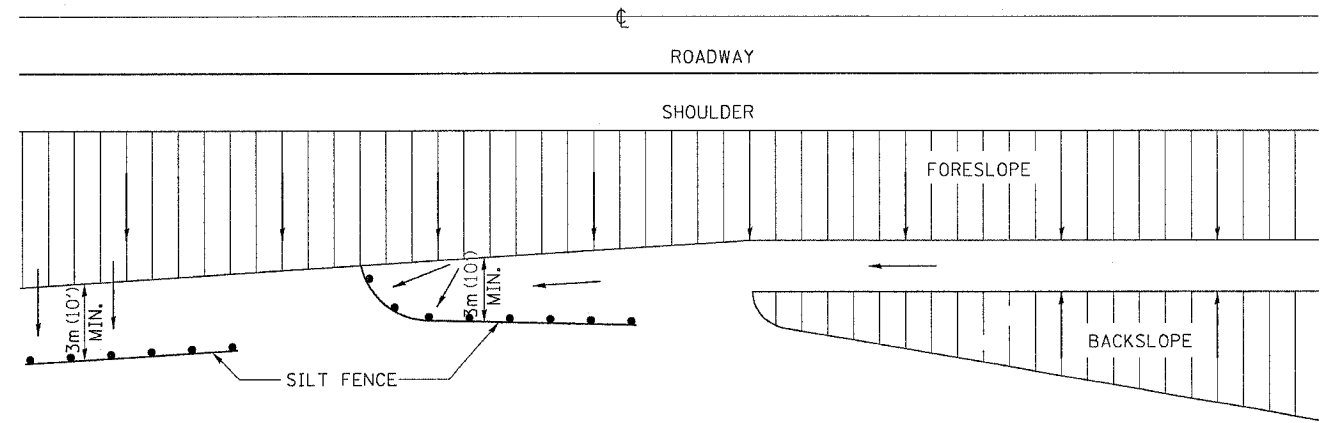
When curb and gutter is constructed adjacent to flexible pavement, a 1" expansion joint shall be installed at construction joints.

- QUANTITY -  
Section A-A to C-C  
(1.23 Cu. Yds.)  
Class SI Concrete

PLOT DATE = Fri, Sep 03, 09:12:25, 2009  
FILE NAME = C:\p\proj\116R-4\116R-4.dgn  
PLOT SCALE = 50.00000 1/1 IN.  
REFERENCE = REF#



# EROSION CONTROL DETAILS FOR SILT FENCE



DETAILS OF SILT FENCE

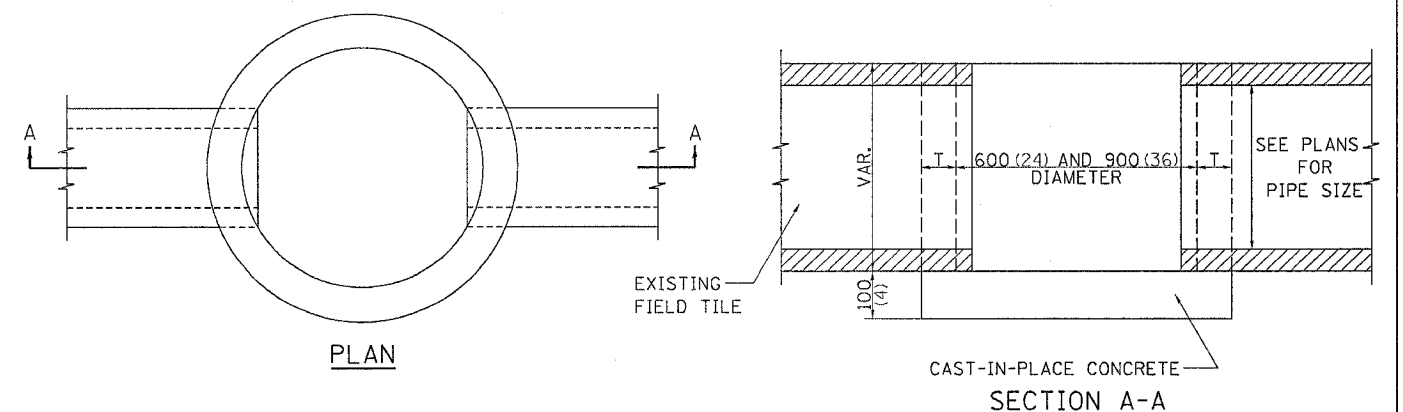
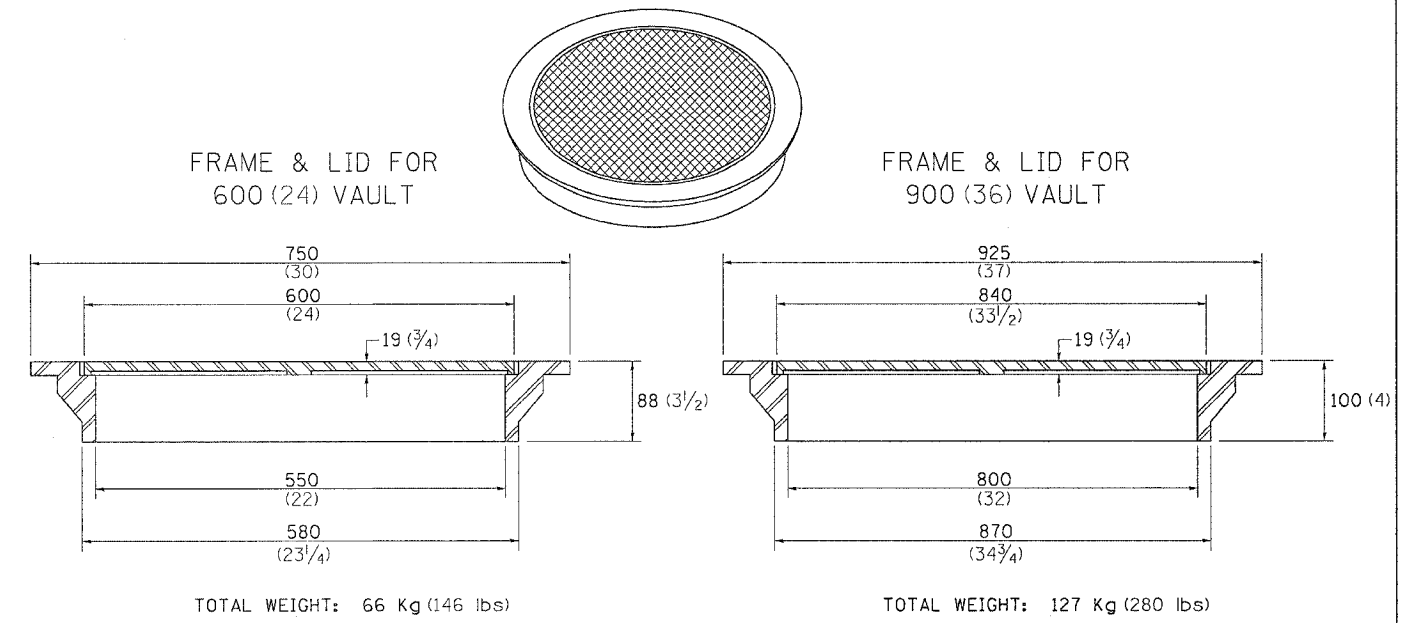
ALL DIMENSIONS ARE IN MILLIMETERS (INCHES) UNLESS OTHERWISE NOTED.

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 FILE NAME = C:\projects\2005\20051700\081700.dgn  
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 REFERENCE = BRGS

REVISED 10-22-01

# FIELD TILE JUNCTION VAULTS 600 (24) AND 900 (36) DIA.

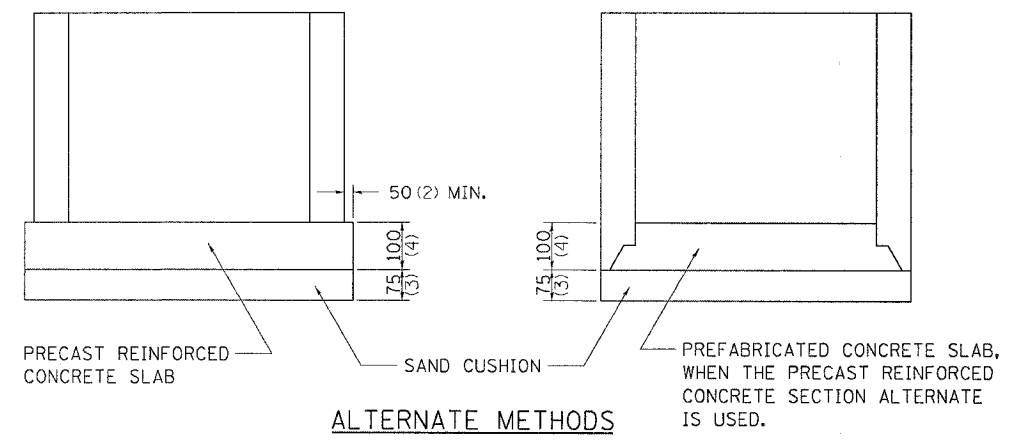
CONTRACT NO. 64517				
F.A. P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
573	116R-4	DEKALB	416	265
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		



ALTERNATE MATERIALS FOR WALLS	T
BRICK MASONRY	200 (8)
CAST-IN-PLACE CONCRETE	150 (6)
CONCRETE MASONRY UNIT	125 (5)
PRECAST REINFORCED CONCRETE SECTION	75 (3)

NOTE: THE FRAME AND LID IS REQUIRED ON ALL JUNCTION VAULTS.

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

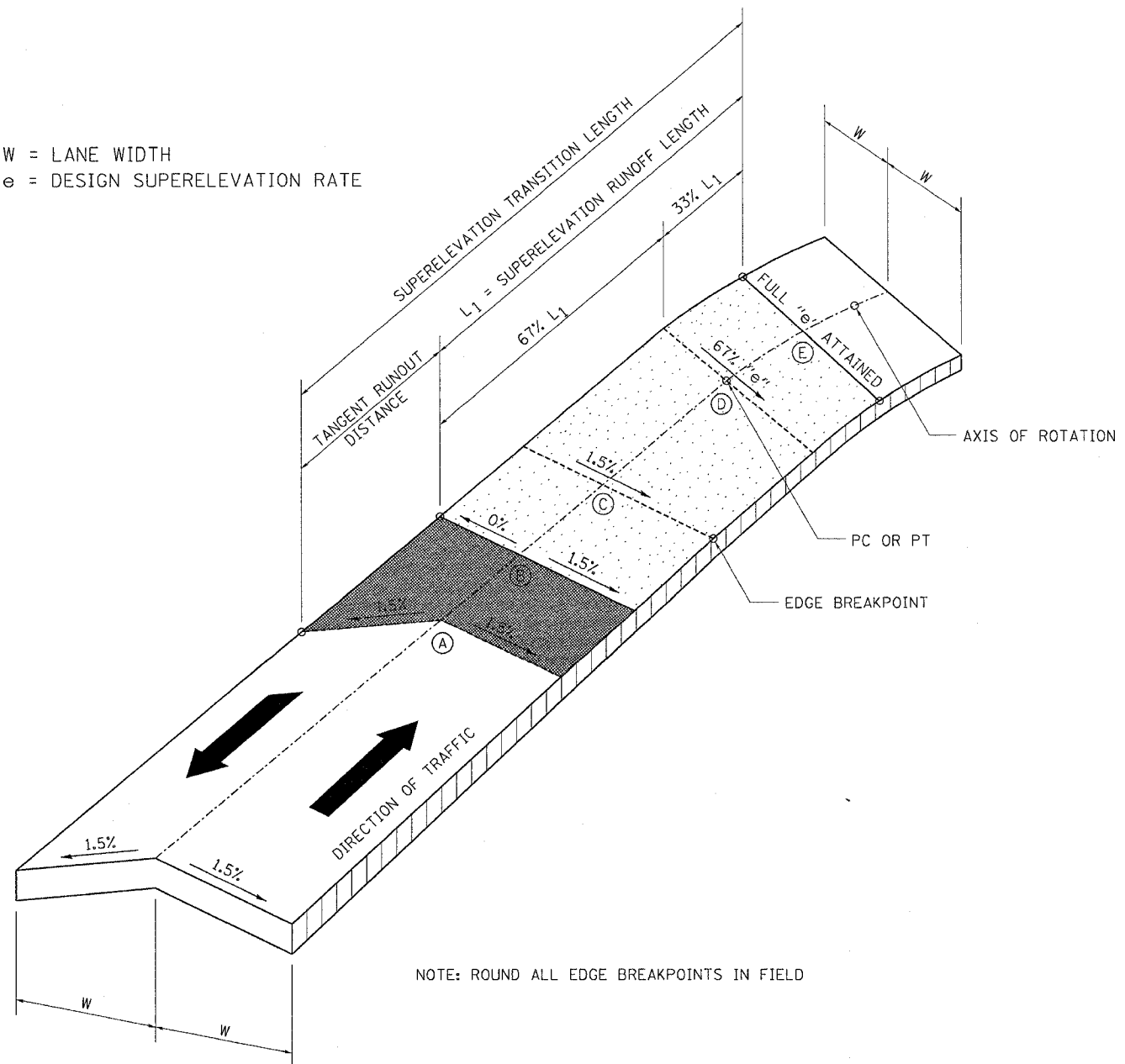


REVISED 5-03-94

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
573	116R-4	DEKALB	416	266
STA.	TO STA.			
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		

# SUPERELEVATION TRANSITION ON TWO-LANE HIGHWAY

W = LANE WIDTH  
e = DESIGN SUPERELEVATION RATE

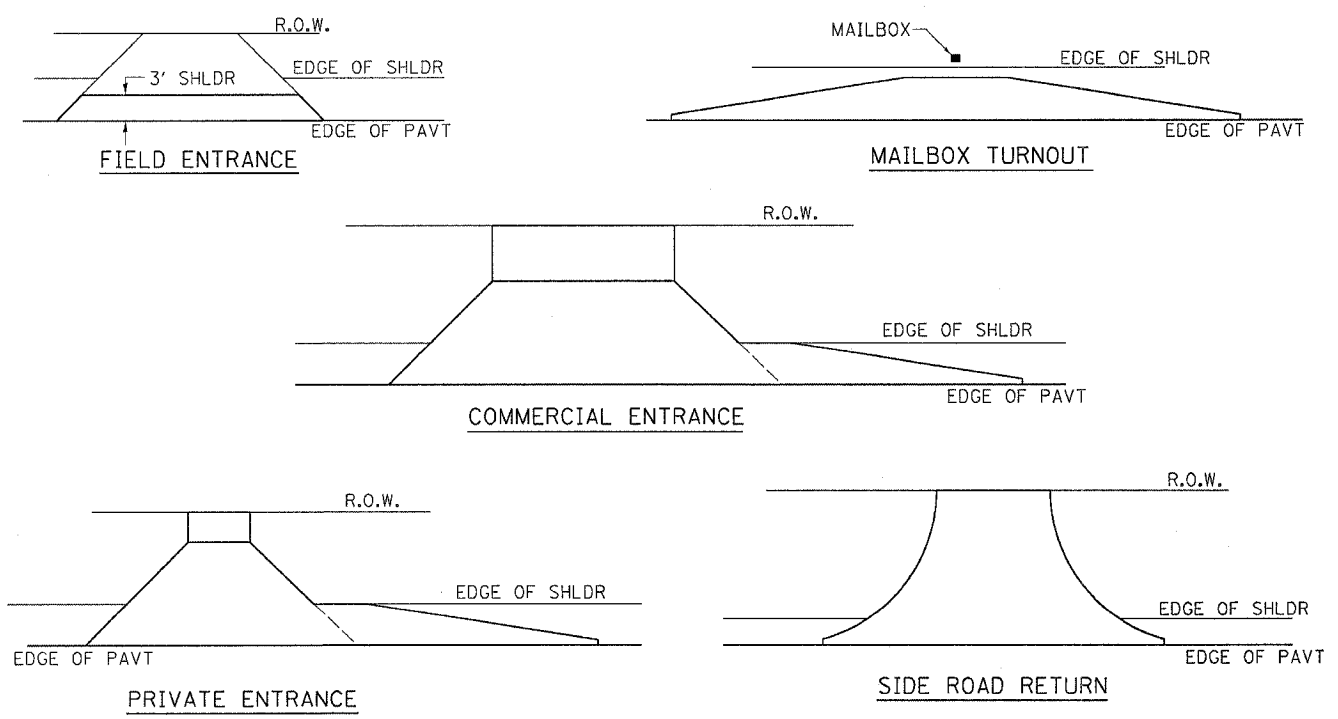


NOTE: ROUND ALL EDGE BREAKPOINTS IN FIELD

TRANSITION CURVE TABLE

CURVE PI STA.	SUPERELEVATION "e"	W	SUPERELEVATION TRANSITION LENGTH	TANGENT RUNOUT DISTANCE	SUPERELEVATION RUNOUT LENGTH
WEST TRANSITION					
793+82.44	7.8%	12	239	38	201
EAST TRANSITION					
793+82.44	7.8%	12	192	30	162

# BITUMINOUS APPROACHES & MAILBOX RETURNS FOR TWO LIFT (3P) RESURFACING PROJECTS

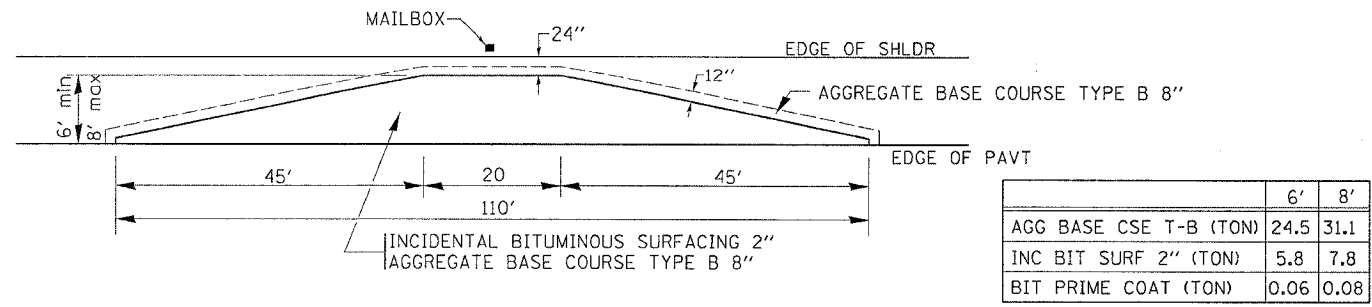


NOTE: EXISTING BIT PE's, CE's, SR's, & MB TURNOUTS  
Place 2 1/4 " Incidental Bituminous Surfacing on entrance to conform to the existing configuration.

EXISTING AGG. PE's & CE's  
Place 2" Incidental Bituminous Surfacing on existing entrance to conform to the present configuration.

EXISTING AGG. SIDEROADS  
Place 3" Incidental Bituminous Surfacing on sideroad to conform to the present configuration.

EXISTING AGG. MAILBOX TURNOUTS  
Existing Agg. Mailbox Turnouts shall be constructed as shown below.

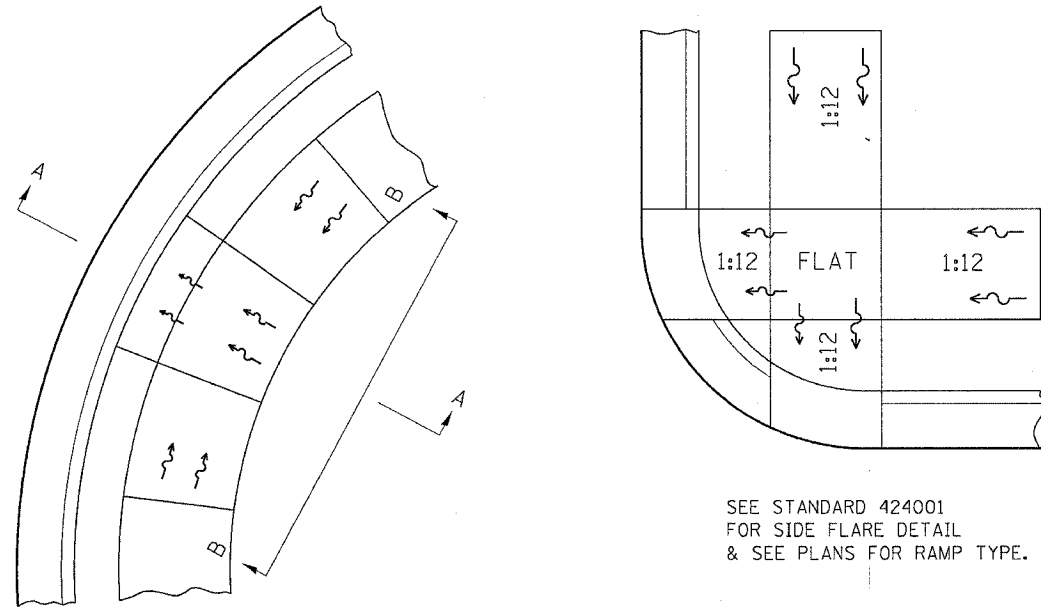


	6'	8'
AGG BASE CSE T-B (TON)	24.5	31.1
INC BIT SURF 2" (TON)	5.8	7.8
BIT PRIME COAT (TON)	0.06	0.08

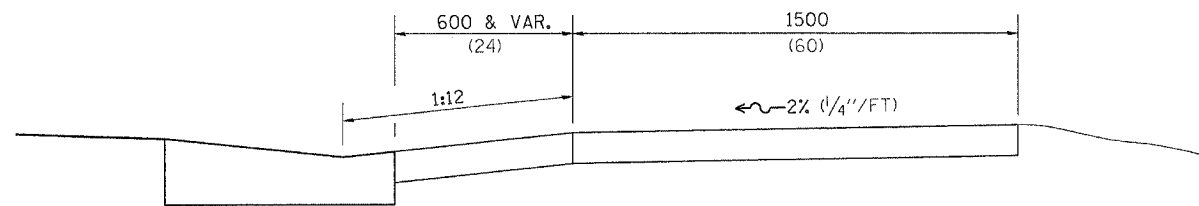
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 REFERENCE = 3RFS4

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
573	116R-4	DEKALB	416	267
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		

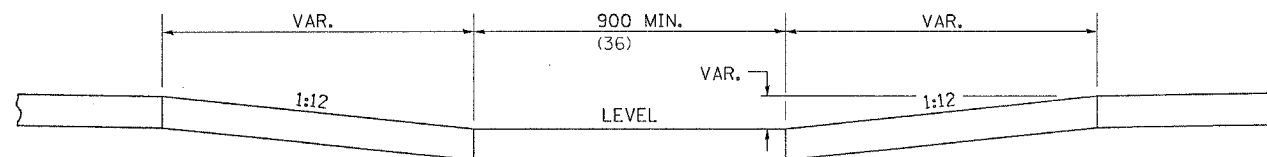
# DISABLED RAMP DETAIL



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



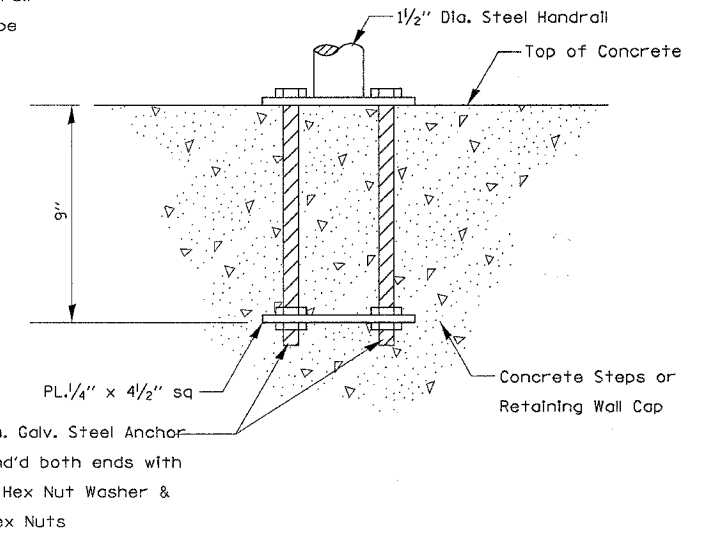
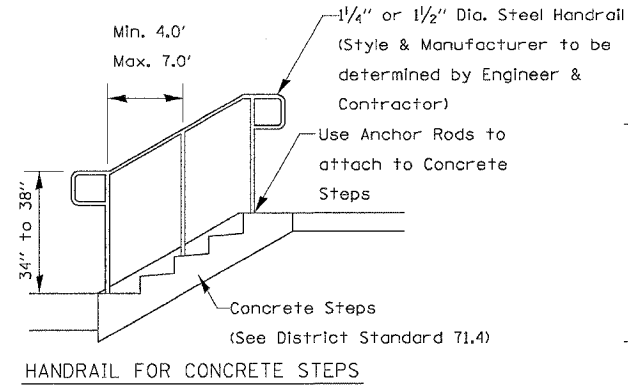
SECTION A-A



SECTION B-B

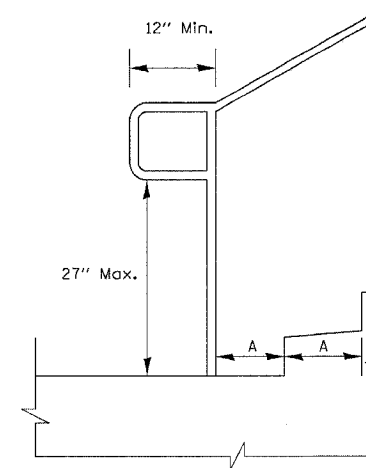
NOTES : THIS DETAIL TO BE USED IN CONJUNCTION WITH STATE STANDARD 424001. THE MAXIMUM ALLOWABLE CROSS SLOPE FOR SIDEWALK IS 2% (1/4"/FT). THE MAXIMUM ALLOWABLE SIDEWALK GRADE IS 8% (1/2"/FT). IF SPACE LIMITATIONS PROHIBIT THE USE OF THE 1:12 SLOPE, THEN SLOPES BETWEEN 1:10 ARE 1:12 ARE PERMITTED FOR A MAXIMUM RISE OF 150 (6). SLOPES 1:8 AND 1:10 ARE ALLOWED FOR A MAXIMUM RISE OF 75 (3). SLOPES STEEPER THAN 1:8 ARE NOT PERMITTED. THE DEPRESSED CURB IS NOT STANDARD. THE RISE IS 13(1/2) INSTEAD OF 40(1/2).

# PIPE HANDRAILS FOR STEPS

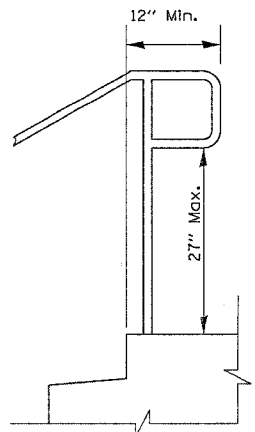


ANCHOR ROD DETAIL

(Included in the cost of Hand or Safety Rail)



Extension at Bottom of Run Detail



Extension at Top of Run Detail

Notes:

Stairways shall have continuous handrails both sides of all stairs.

The inside handrail on switchback or dogleg stairs shall always be continuous.

Gripping surfaces shall be uninterrupted by newel posts, other construction elements, or obstructions.

Ends of handrail shall be either rounded or returned smoothly to floor, wall, or post.

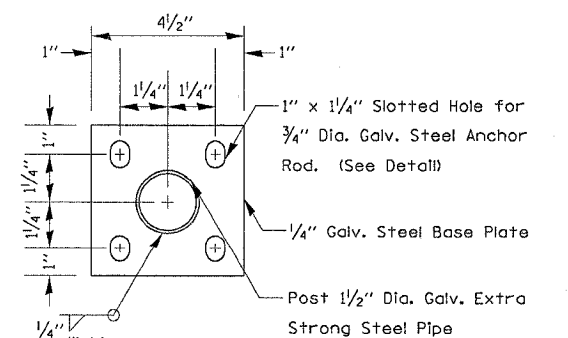
Hand & safety rails shall not rotate within their fittings.

The clear space between handrails and any wall shall be 11/2"

Handrail shall conform to Section 510 with the exception that all pipe and connections shall be welded galvanized or aluminum according to Article 1006.27, 1006.30, or 1006.34.

The diameter of the gripping surface of the handrail shall be 1-1/4" to 1-1/2"

This work shall be paid for at the contract unit price per meter (foot) for PIPE HANDRAIL.



POST BASE PLATE DETAIL

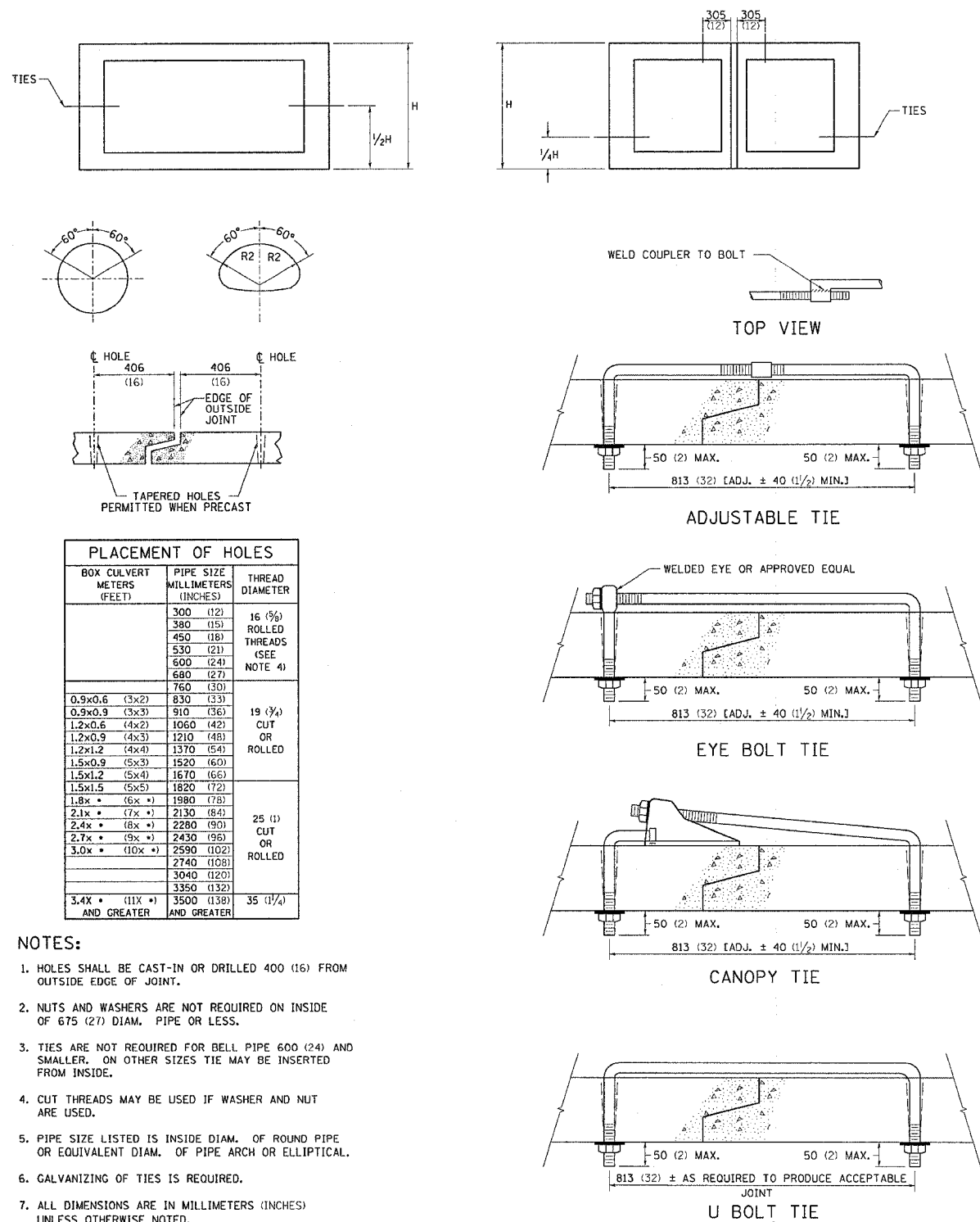
(Included in the cost of Hand or Safety Rail)

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 REFERENCE = 49554

F.A.R. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
523	1168-4	DEKALB	416	267A
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		

# MECHANICAL JOINTS FOR CONCRETE PIPE AND BOX CULVERTS

THE CULVERT TIES SHALL BE INCLUDED IN THE COST OF THE CONCRETE PIPE CULVERTS OR THE PRECAST CONCRETE BOX CULVERT. THE MECHANICAL TIES SHALL BE ON THE OUTSIDE OF THE CULVERT. THE NUTS AND WASHERS SHALL BE PLACED ON THE INSIDE OF THE CULVERT AND COVERED WITH MASTIC JOINT SEALER CONFORMING TO ARTICLES 1055 OR 1056 IN THE STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION.



PLACEMENT OF HOLES

BOX CULVERT METERS (FEET)	PIPE SIZE MILLIMETERS (INCHES)	THREAD DIAMETER
	300 (12)	16 (5/8)
	380 (15)	ROLLED THREADS (SEE NOTE 4)
	450 (18)	
	530 (21)	
	600 (24)	
	680 (27)	
	760 (30)	
0.9x0.6 (3x2)	830 (33)	19 (3/4)
0.9x0.9 (3x3)	910 (36)	CUT OR ROLLED
1.2x0.6 (4x2)	1060 (42)	
1.2x0.9 (4x3)	1210 (48)	
1.2x1.2 (4x4)	1370 (54)	
1.5x0.9 (5x3)	1520 (60)	
1.5x1.2 (5x4)	1670 (66)	
1.5x1.5 (5x5)	1820 (72)	
1.8x * (6x *)	1980 (78)	
2.1x * (7x *)	2130 (84)	
2.4x * (8x *)	2280 (90)	
2.7x * (9x *)	2430 (96)	
3.0x * (10x *)	2590 (102)	25 (1)
	2740 (108)	CUT OR ROLLED
	3040 (120)	
	3350 (132)	
3.4x * (11x *) AND GREATER	3500 (138) AND GREATER	35 (1 1/4)

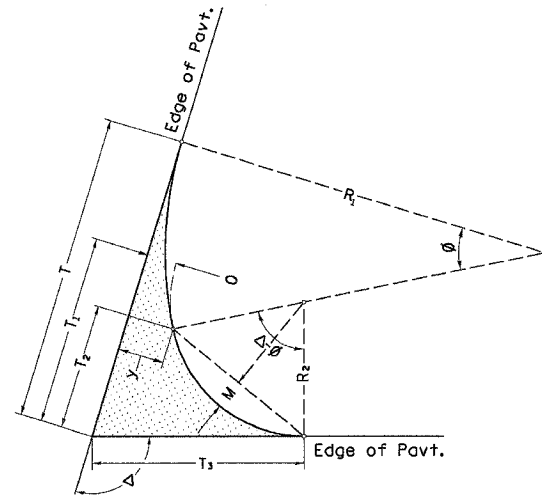
NOTES:

- HOLES SHALL BE CAST-IN OR DRILLED 400 (16) FROM OUTSIDE EDGE OF JOINT.
- NUTS AND WASHERS ARE NOT REQUIRED ON INSIDE OF 675 (27) DIAM. PIPE OR LESS.
- TIES ARE NOT REQUIRED FOR BELL PIPE 600 (24) AND SMALLER. ON OTHER SIZES TIE MAY BE INSERTED FROM INSIDE.
- CUT THREADS MAY BE USED IF WASHER AND NUT ARE USED.
- PIPE SIZE LISTED IS INSIDE DIAM. OF ROUND PIPE OR EQUIVALENT DIAM. OF PIPE ARCH OR ELLIPTICAL.
- GALVANIZING OF TIES IS REQUIRED.
- ALL DIMENSIONS ARE IN MILLIMETERS (INCHES) UNLESS OTHERWISE NOTED.

PLOT DATE = Wed Sep 14 14:19:34 2005  
 FILE NAME = C:\projects\64517\64517.dwg  
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 REFERENCE = REF#

F.A. P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
573	116R-4	DEKALB	416	268
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS	FED. AID PROJECT	

# TWO CENTER CURVE DATA

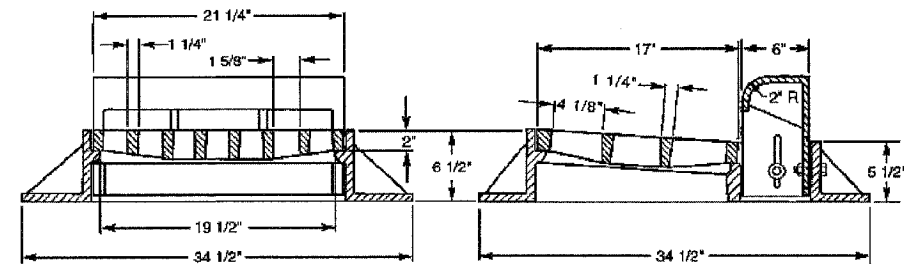
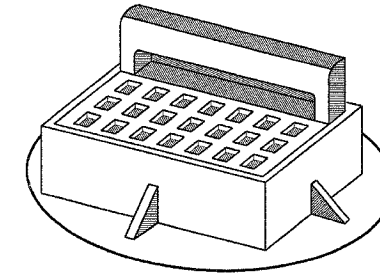


TWO CENTER CURVES

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

CURVE #	1	2	3	4	5	6	7	8
$R_1$	280	225	75	100	75	250	250	200
$R_2$	70	75	30	30	30	50	50	30
$O$	3	3	3	3	3	10	10	4
$\Delta$	79	95	104	74	88	90	89	91
$T$	92.4899	111.96	55.3017	42.0195	45.0214	112.45	111.41	57.2586
$T_1$	57.12	82.11	39.15	21.75	28.87	50.00	48.96	30.60
$T_2$	45.33	67.19	28.38	13.06	18.10	34.39	33.35	24.13
$T_3$	60.76	84.86	41.49	25.73	31.97	60.00	59.14	34.53
$y$	4.00	4.50	5.00	4.29	5.00	12.50	12.50	4.71
$\frac{4y}{9}$	1.78	2.00	2.22	1.90	2.22	5.56	5.56	2.09
$\frac{y}{9}$	0.44	0.50	0.56	0.48	0.56	1.39	1.39	0.52
$M$	12.42	19.06	7.52	3.66	4.98	9.50	9.24	6.78
$\frac{15M}{16}$	11.64	17.86	7.05	3.43	4.67	8.91	8.67	6.35
$\frac{3M}{4}$	9.31	14.29	5.64	2.74	3.73	7.12	6.93	5.08
$\frac{7M}{16}$	5.43	8.34	3.29	1.60	2.18	4.16	4.04	2.96
$C$	79.602	99.903	39.7417	28.7054	33.099	58.6409	57.9318	37.9811

# SPECIAL FRAME & GRATE



**GENERAL NOTES:**

THE COST OF FURNISHING AND INSTALLING THE GRATE SHALL NOT BE PAID SEPARATELY BUT SHALL BE INCLUDED IN THE COST OF THE ASSOCIATED DRAINAGE STRUCTURE.

INLET SHALL BE NEENAH \*R-3275 OR EQUIVALENT.

PLOT DATE = Fri, Sep 02 07:12:27 2005  
 FILE NAME = C:\projects\2001700\081700pl.dgn  
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 REFERENCE = 90259

# STORM WATER POLLUTION PREVENTION PLAN

## EROSION CONTROL PLAN

CONTRACT NO. 64517

F.A. P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
573	116R-4	DEKALB	416	269
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS	FED. AID PROJECT	

THE FOLLOWING PLAN WAS ESTABLISHED AND INCLUDED IN THESE PLANS TO DIRECT THE CONTRACTOR IN THE PLACEMENT OF TEMPORARY EROSION CONTROL SYSTEMS AND TO PROVIDE A STORM WATER POLLUTION PREVENTION PLAN FOR COMPLIANCE UNDER NPDES.

THE PURPOSE OF THIS PLAN IS TO MINIMIZE SILTATION WITHIN THE CONSTRUCTION ZONE AND TO ELIMINATE SEDIMENTS FROM ENTERING AND LEAVING THE CONSTRUCTION ZONE BY UTILIZING PROPER TEMPORARY EROSION CONTROL SYSTEMS AND PROVIDING GROUND COVER WITHIN A REASONABLE AMOUNT OF TIME.

CERTAIN ITEMS, AS SHOWN IN THIS PLAN AND REFERENCED BY THE LEGEND, SHALL BE PLACED BY THE CONTRACTOR AT THE BEGINNING OF CONSTRUCTION. OTHER ITEMS SHALL BE PLACED BY THE CONTRACTOR AS DIRECTED BY THE ENGINEER ON A CASE BY CASE SITUATION RESULTING FROM THE CONTRACTOR'S SEQUENCE OF ACTIVITIES, TIME OF YEAR, AND EXPECTED WEATHER CONDITIONS.

THE CONTRACTOR SHALL PLACE PERMANENT EROSION CONTROL SYSTEMS AND SEEDING WITHIN A REASONABLE AMOUNT OF TIME; THEREFORE, REDUCING THE AMOUNT OF AREA BEING OPEN TO THE POSSIBILITY OF EROSION AND REDUCING THE AMOUNT OF TEMPORARY SEEDING. THE RESIDENT ENGINEER WILL DETERMINE IF TEMPORARY EROSION CONTROL SYSTEMS SHOWN IN THE PLAN CAN BE DELETED, THE SIZE OF THE PROPOSED DITCH CHECKS, THE PROPER METHOD OF INSTALLATION, AND IF ANY ADDITIONAL TEMPORARY EROSION CONTROL SYSTEMS SHALL BE ADDED WHICH ARE NOT INCLUDED IN THE PLANS. THE CONTRACTOR SHALL PERFORM ALL WORK AS DIRECTED BY THE ENGINEER AND AS SHOWN IN STANDARD 280001 OF THE PLANS.

### SITE DESCRIPTION

#### DESCRIPTION OF CONSTRUCTION ACTIVITY:

THIS PROJECT CONSISTS OF 1.54 MILES OF PAVEMENT REPLACEMENT, WIDENING, INTERSECTION IMPROVEMENTS AND DRAINAGE IMPROVEMENTS FROM THE WEST CORPORATE LIMITS TO THE EAST CORPORATE LIMITS OF HINCKLEY

#### DESCRIPTION OF INTENDED SEQUENCE OF ACTIVITIES:

THE SEQUENCE OF EVENTS ARE AS FOLLOW: CLEARING, EMBANKMENT, EXCAVATION, GRADING AND PAVING. THIS PROJECT WILL BE CONSTRUCTED IN SEGMENTS AS SHOWN IN THE "STAGING PLANS".

TOTAL CONSTRUCTION SITE (CONSTRUCTION LIMIT TO CONSTRUCTION LIMIT) 24.21 ACRES

PROPOSED R.O.W (TOTAL PARCEL AREA) 1.7 ACRES

DISTURBED BY EXCAVATION (E.O.P TO CONSTRUCTION LIMIT) 11.48 ACRES

### SUPPORTING REPORTS AND PLANS

THE FOLLOWING ASSISTED IN DEVELOPING THE EROSION CONTROL PLAN AS REFERENCED DOCUMENTS:

SOIL PROFILE SHEETS, SOILS REPORTS, BORING LOGS  
USGS DRAINAGE MAPS, PROJECT PLAN DOCUMENTS

DRAINAGE TRIBUTARIES RECEIVING WATER FROM CONSTRUCTION SITE  
CREEK SOUTH OF RAILROAD TRACKS

### EROSION CONTROLS AND SEDIMENT CONTROL PROCEDURES

#### STABILIZATION PRACTICES AT THE BEGINNING OF CONSTRUCTION:

PERIMETER EROSION CONTROL SHALL BE PLACED PRIOR TO BEGINNING EARTHWORK.

#### STABILIZATION PRACTICES DURING CONSTRUCTION:

AS EARTH EXCAVATION AND EMBANKMENT ARE BEING COMPLETED THE CONTRACTOR SHALL PLACE DITCH CHECKS, INLET AND PIPE PROTECTION, EROSION CONTROL BLANKET, AND SEEDING AS STAGES OF THE PROJECT ARE COMPLETED. PERIMETER EROSION BARRIER WILL BE INSTALLED AT ADDITIONAL LOCATIONS AS THE PROJECT PROGRESSES. SEEDING SHALL BE COMPLETED AS SPECIFIED IN THE EROSION CONTROL/ SEEDING MOBILIZATION AND TEMPORARY SEEDING SPECIAL PROVISION.

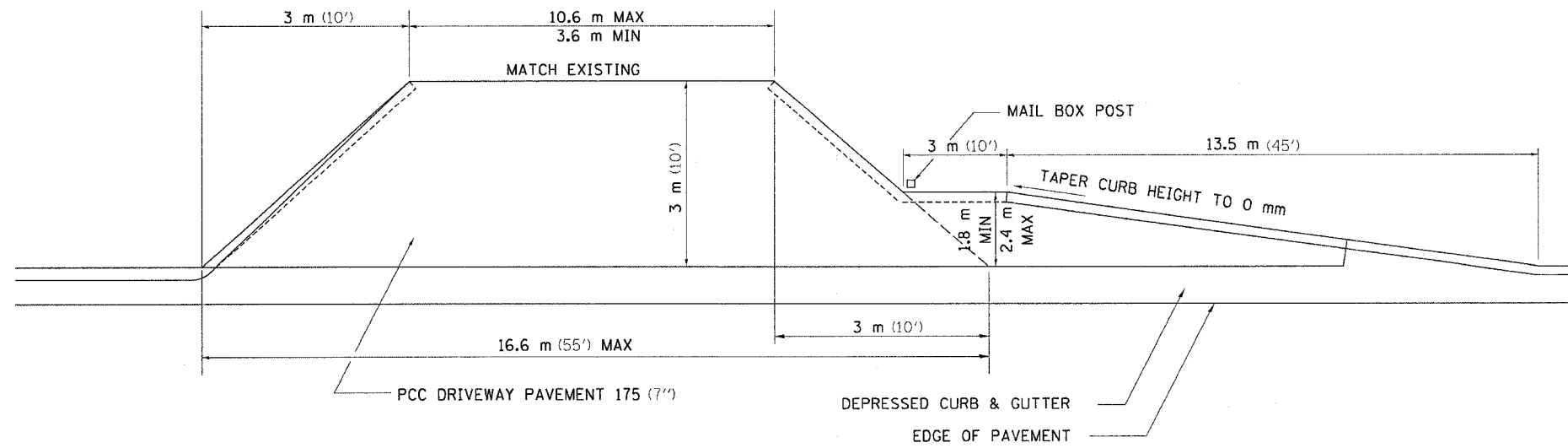
#### MAINTENANCE AFTER FINAL GRADING

TEMPORARY EROSION CONTROL SYSTEMS SHALL BE LEFT IN PLACE WITH PROPER MAINTENANCE UNTIL PERMANENT EROSION CONTROL IS IN PLACE AND WORKING PROPERLY AND ALL PROPOSED TURF AREAS SEEDED AND ESTABLISHED WITH THE PROPER STAND. ONCE PERMANENT EROSION CONTROL SYSTEMS AS PROPOSED IN THE PLANS ARE FUNCTIONAL AND ESTABLISHED, TEMPORARY ITEMS SHALL BE REMOVED, CLEANED UP AND DISTURBED TURF RESEDED.

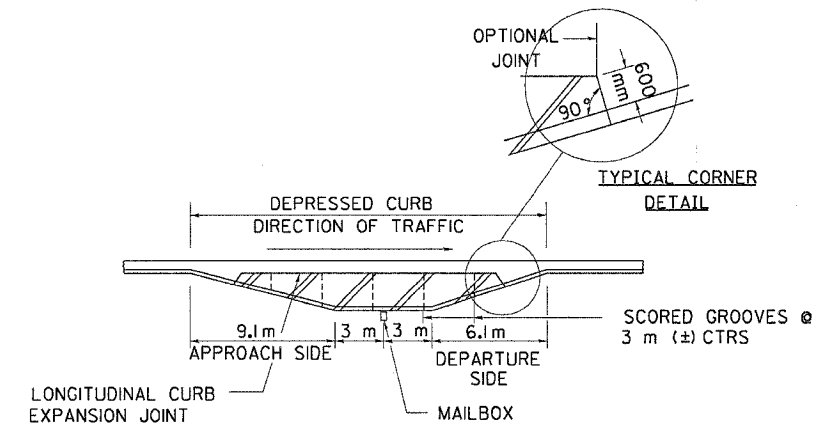
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SCALE = 3/8"=1'-0"  
REFERENCE = 281700

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
573	116R-4	DEKALB	416	270
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS	FED. AID PROJECT	

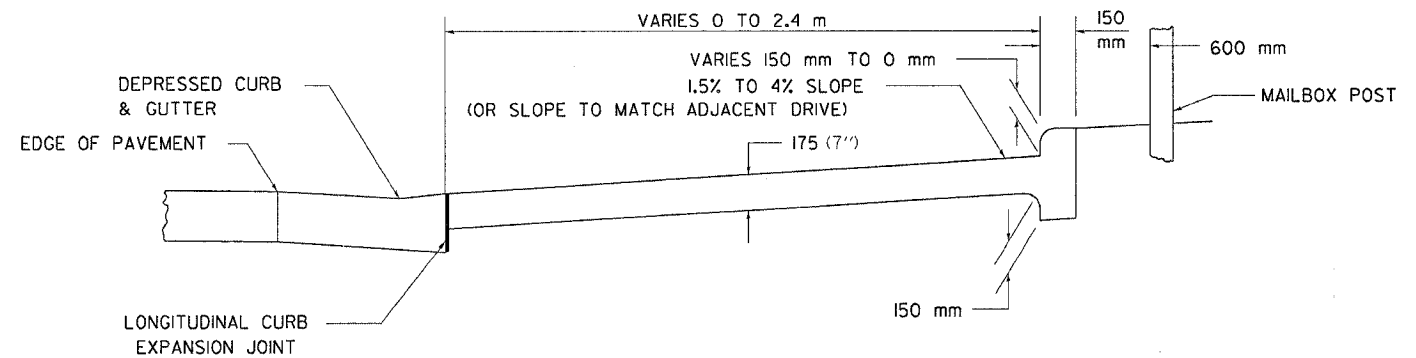
# MAILBOX TURNOUT IN CURB AND GUTTER SECTION



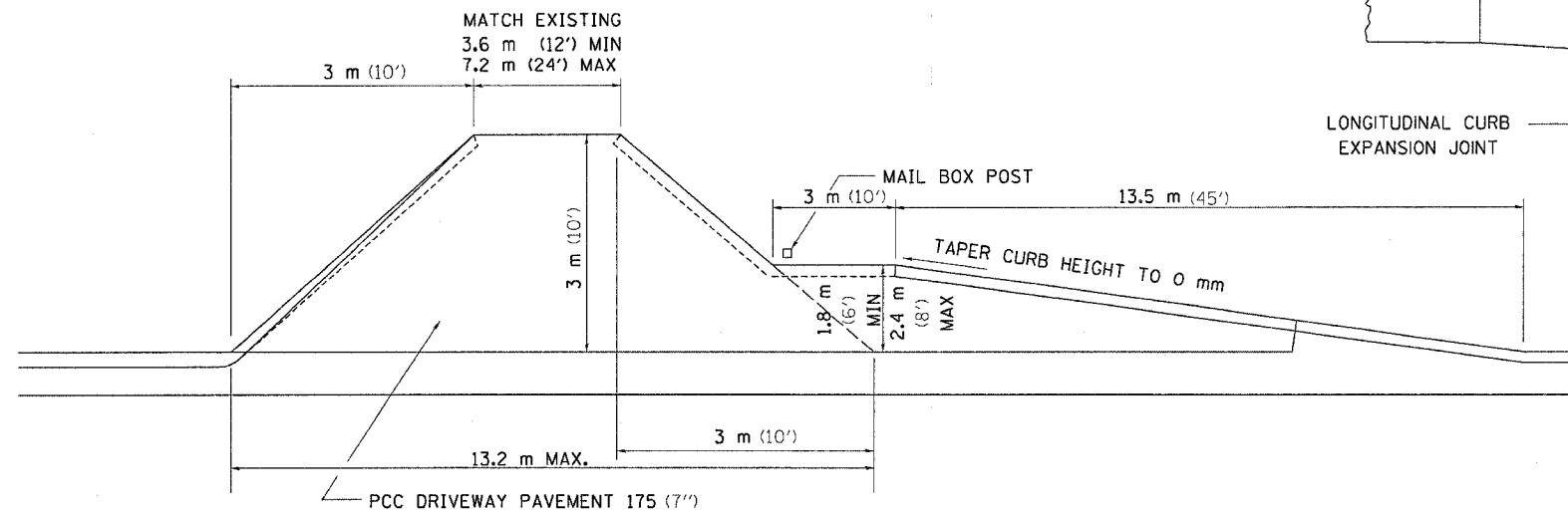
COMMERCIAL ENTRANCE WITH MAIL BOX TURNOUT



MAIL BOX TURNOUT



TYPICAL CROSS SECTION



PRIVATE ENTRANCE WITH MAIL BOX TURNOUT

## GENERAL NOTES

- 1.) THE LONGITUDINAL CURB EXPANSION JOINT SHALL CONFORM TO SECTION 1051 OF THE STANDARD SPECIFICATIONS.
- 2.) THE MAILBOX TURNOUT CROSS SLOPE WILL BE AS SHOWN ABOVE, AS SHOWN ON THE STATION CROSS SECTIONS OR AS DIRECTED BY THE ENGINEER.
- 3.) THE MAILBOX TURNOUT SHALL BE CONSTRUCTED WITH SCORED GROOVES, AS SPECIFIED IN ARTICLE 624.07 OF THE STANDARD SPECIFICATIONS, AT APPROXIMATELY 3.05 m CENTERS. IN THE EVENT THERE IS EXISTING OR PROPOSED SIDEWALK PRESENT, THESE SCORED GROOVES SHALL BE PLACED IN LINE WITH EVERY OTHER JOINT IN THE ADJACENT SIDEWALK.
- 4.) THE WORK WILL BE PAID FOR AT THE CONTRACT UNIT PRICE PER SQUARE YARD FOR P.C. CONCRETE DRIVEWAY PAVEMENT OF THE THICKNESS SPECIFIED IN THE PLANS WHICH PRICE SHALL INCLUDE THE LONGITUDINAL CURB EXPANSION JOINT, MONOLITHIC CURB AS SHOWN, SCORED GROOVES, AND NO ADDITIONAL COMPENSATION WILL BE ALLOWED.
- 5.) SEE THE DISTRICT STANDARD 25.1 FOR ADDITIONAL DETAILS.

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

PLOT DATE = Fri, Sep 02 07:12:23 2005  
 FILE NAME = C:\Users\jessica\201700\1081708p.Ldg  
 PLOT SCALE = 1/8" = 1'-0"  
 REFERENCE = 89254

F.A. P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
573	116R-4	DEKALB	416	271
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS	FED. AID PROJECT	

# PC CONCRETE ISLANDS AND MEDIANS ACCESSIBLE TO THE DISABLED

**General Notes:**

See Standard 606301 and plan sheets for station & offsets, radii, dimensions, and details not shown.

The sidewalk should drain to the low side of the island. If necessary the sidewalk shall be sloped to drain at a maximum 2% grade.

See the plan general notes for the type of curb & gutter to be used on islands.

Curb & gutter adjacent to the walkway in the interior of the island shall have 150 (6) gutter flags.

The sidewalk should not be closer than 900 (36) from the corner of the island.

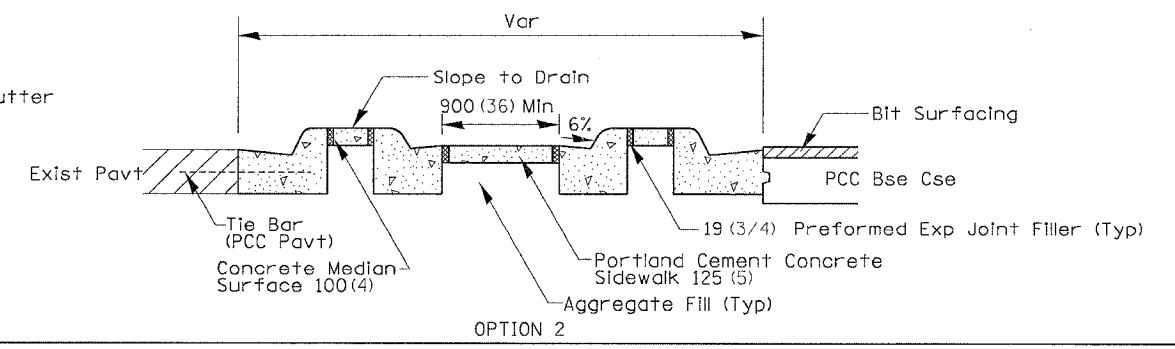
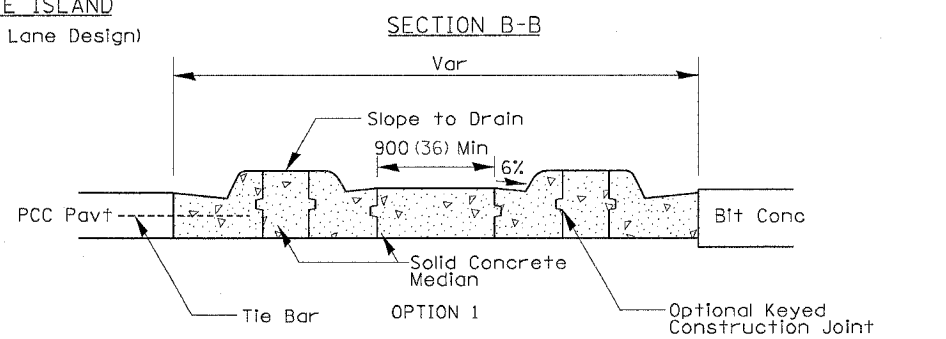
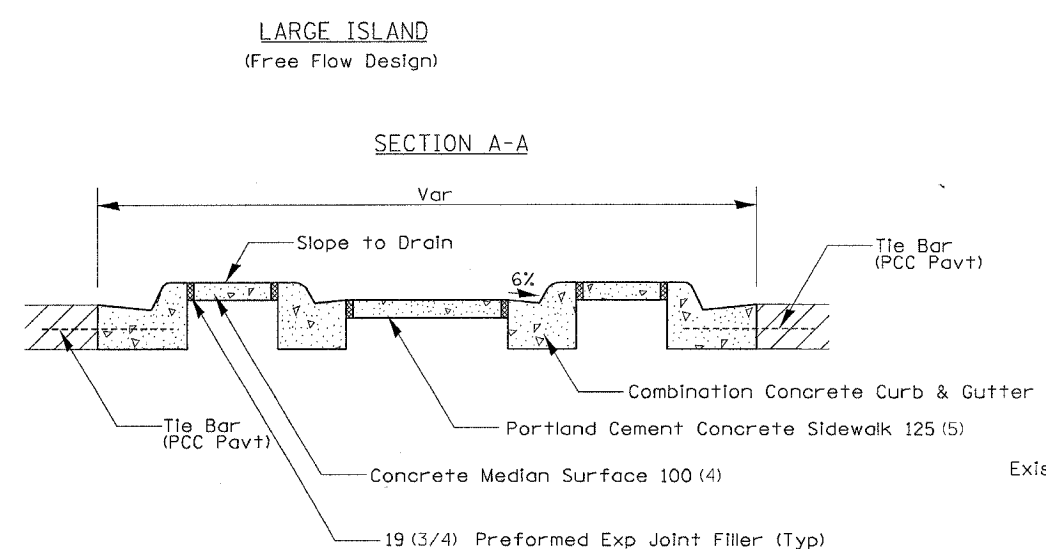
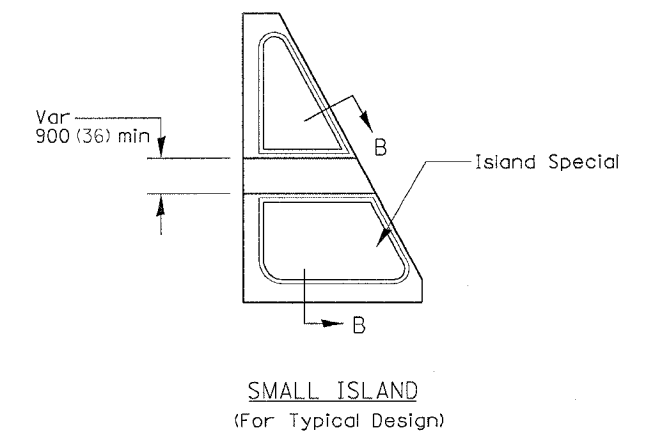
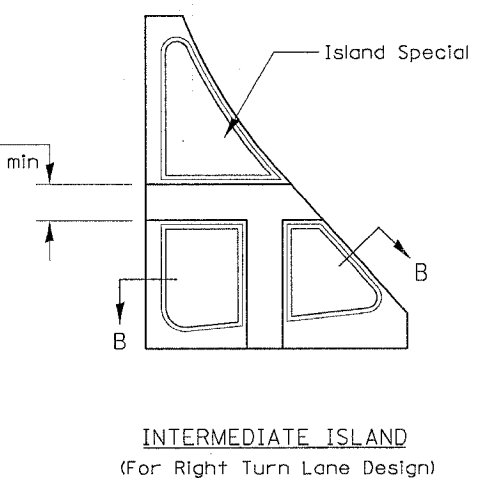
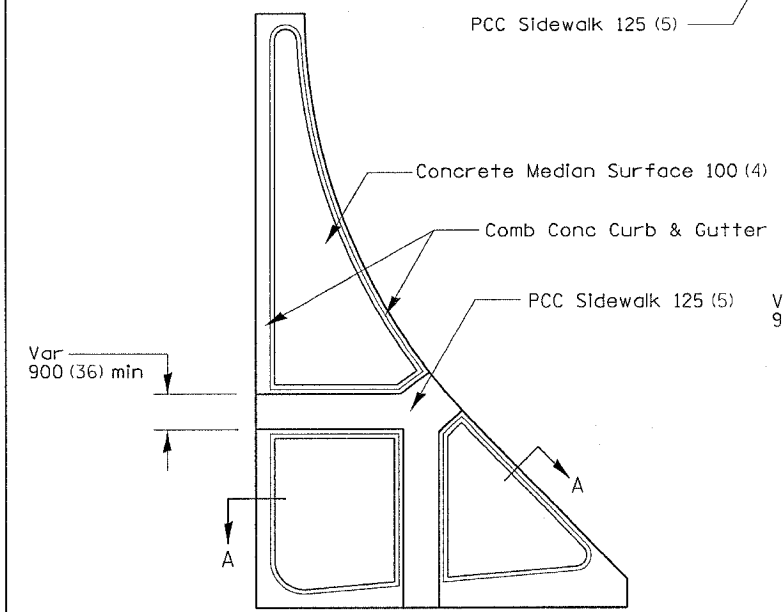
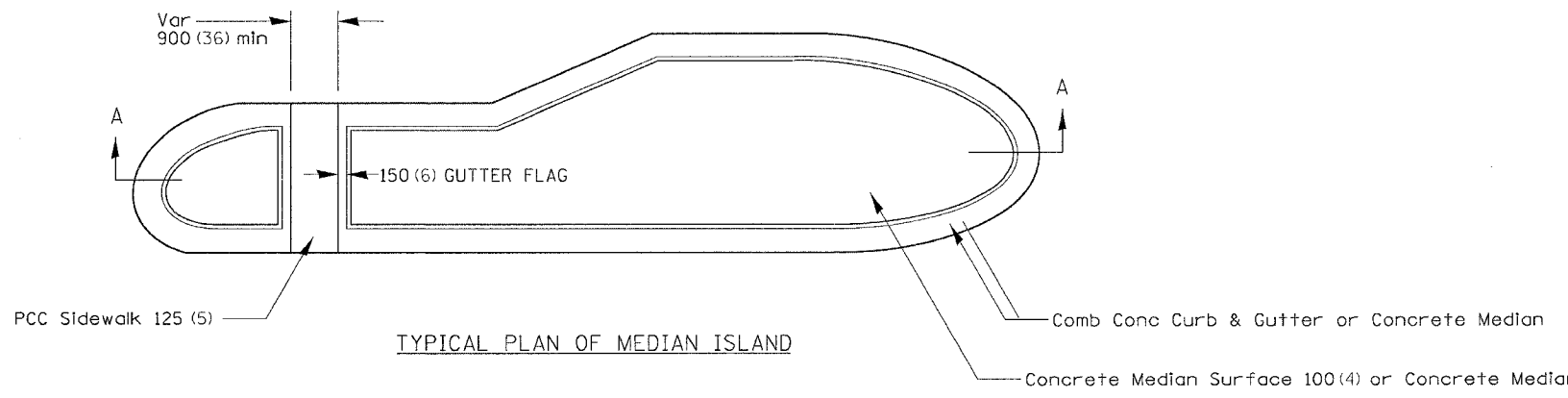
Keyed longitudinal construction joints shall be constructed without tie bars.

Medians and large islands shall consist of PCC Sidewalk 125 (5), Concrete Median Surface 100 (4), and Combination Concrete Curb & Gutter, Type M or B of the size specified. Median Island can also be solid concrete medians.

Locations, layouts, and widths of the flush sidewalk area, shall be determined by the designer and shown on the plans.

The intermediate and small islands will be measured for payment from E.O.P. to E.O.P. using either option 1 or option 2, as directed by the Engineer, and will be paid for at the contract unit price per SQ M (SQ YD) for ISLAND SPECIAL, which shall include the combination curb & gutter, sidewalk, aggregate fill, concrete median surface, and solid concrete median.

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



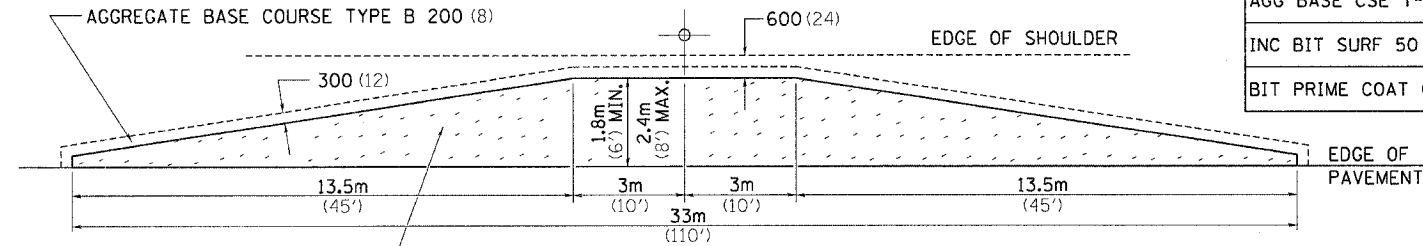
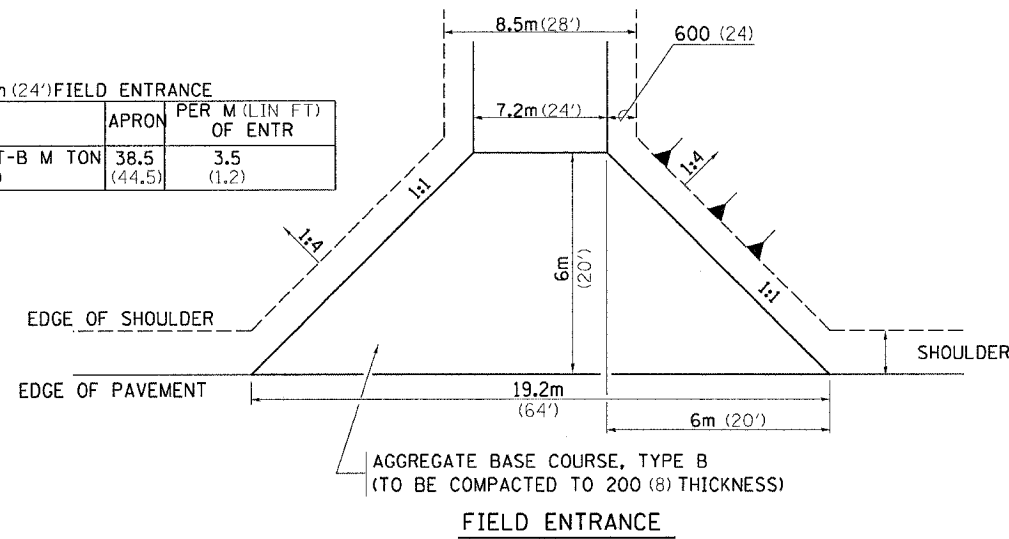
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F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
573	116R-4	DEKALB	416	272
STA.		TO STA.		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		

# BITUMINOUS APPROACHES & MAILBOX RETURNS

7.2m (24') FIELD ENTRANCE		
AGG BASE CSE T-B M TON	APRON	PER M (LIN FT) OF ENTR
(44.5)	38.5	3.5
	(44.5)	(1.2)



	1.8m (6')	2.4m (8')
AGG BASE CSE T-B (TON)	22.2 (24.5)	28.2 (31.1)
INC BIT SURF 50 (2) (TON)	5.3 (5.8)	7.1 (7.8)
BIT PRIME COAT (TON)	0.05 (0.06)	0.07 (0.08)

ON ALL ENTRANCES  
AGGREGATE BASE COURSE TYPE B 200 (8)  
INCIDENTAL BITUMINOUS SURFACING 50 (2)

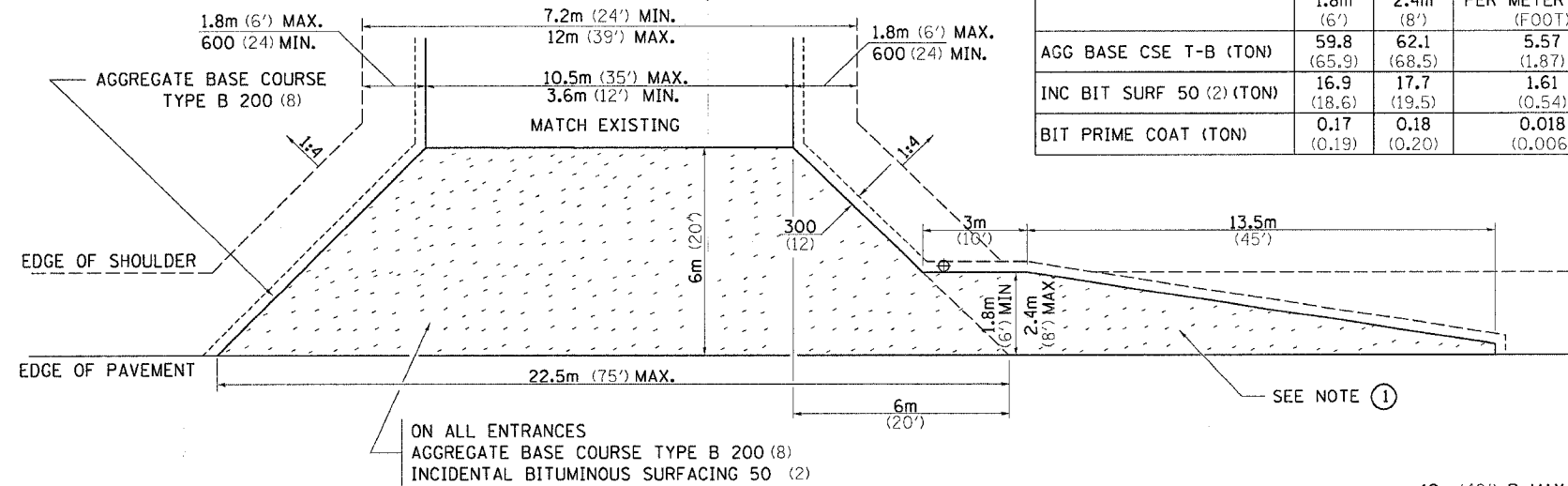
## MAILBOX TURNOUT

### NOTE

- TURNOUTS ARE TO BE CONSTRUCTED ON THE APPROACH SIDE OF ALL PE & CE REGARDLESS IF A MAILBOX IS PRESENT.
- ALL PE & CE ARE TO BE SURFACED TO RIGHT OF WAY LINE. AREA BEHIND RIGHT OF WAY SHALL MATCH EXISTING SURFACE.
- FE ARE TO BE AGGREGATE TO RIGHT OF WAY OR TOUCH DOWN, WHICH EVER IS GREATEST.
- QUANTITIES ARE CALCULATED WITH 1' BITUMINOUS SHOULDER IN PLACE. AGGREGATE QUANTITIES SHOWN ARE FOR NEW CONSTRUCTION.
- EXCAVATION REQUIRED FOR PLACEMENT OF AGGREGATE BASE COURSE SHALL BE CONSIDERED INCIDENTAL TO THE AGGREGATE BASE COURSE.
- ALL DIMENSIONS ARE IN MILLIMETERS (INCHES) UNLESS OTHERWISE NOTED.

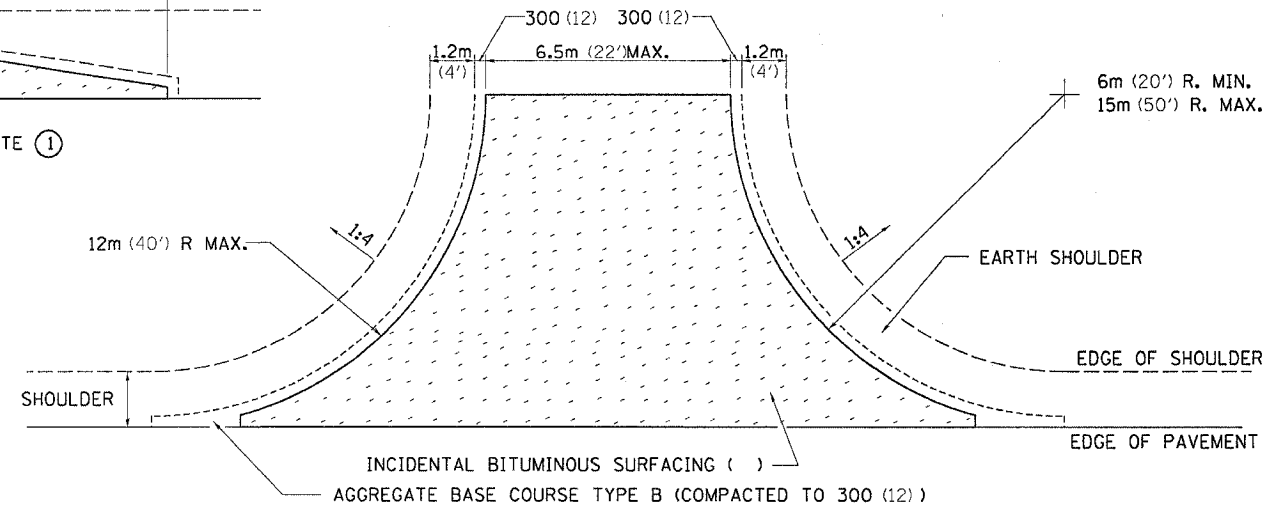
## 10.5m (35') COMMERCIAL ENTRANCE

	1.8m (6')	2.4m (8')	PER METER ENTR (FOOT)
AGG BASE CSE T-B (TON)	59.8 (65.9)	62.1 (68.5)	5.57 (1.87)
INC BIT SURF 50 (2) (TON)	16.9 (18.6)	17.7 (19.5)	1.61 (0.54)
BIT PRIME COAT (TON)	0.17 (0.19)	0.18 (0.20)	0.018 (0.006)



## COMMERCIAL ENTRANCE

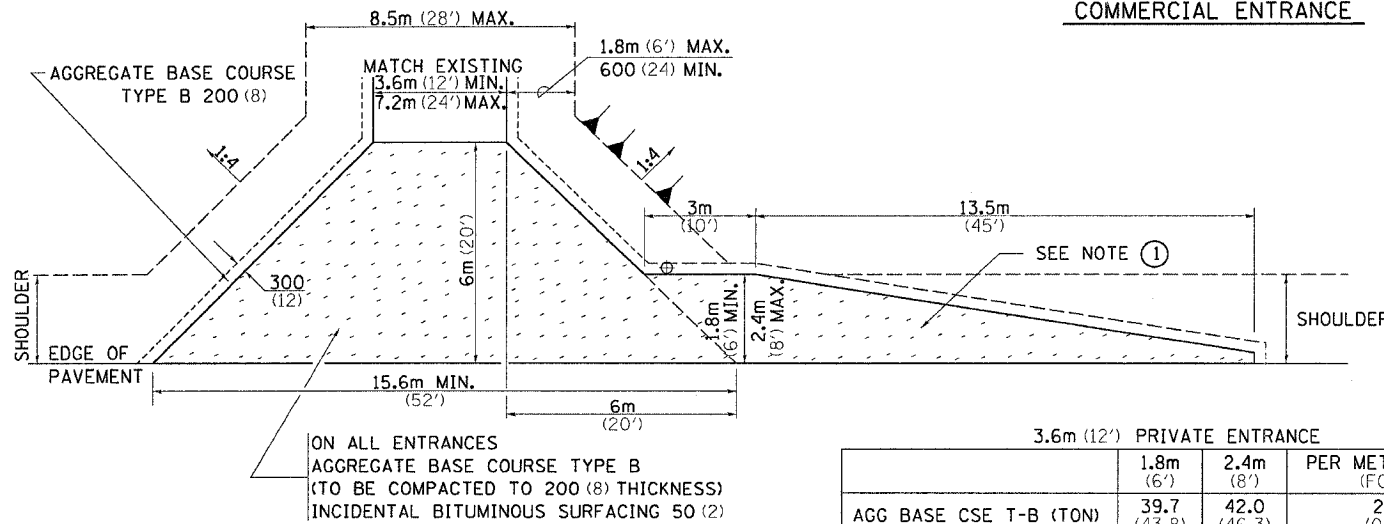
ON ALL ENTRANCES  
AGGREGATE BASE COURSE TYPE B 200 (8)  
INCIDENTAL BITUMINOUS SURFACING 50 (2)



## SIDE ROAD RETURN

	6m RADIUS (20')			9m RADIUS (30')			12m RADIUS (40')		
	5.5m (18')	6m (20')	6.5m (22')	5.5m (18')	6m (20')	6.5m (22')	5.5m (18')	6m (20')	6.5m (22')
AGG BASE CSE T-B (TON)	40.9 (45.1)	43.7 (48.2)	46.4 (51.2)	70.3 (77.5)	74.4 (82.0)	78.6 (86.6)	105.5 (116.3)	111.0 (122.4)	116.6 (128.5)
INC BIT SURF AT 25 (1) (TON)	3 (3.3)	3.3 (3.6)	3.4 (3.8)	5.3 (5.8)	5.5 (6.1)	5.9 (6.5)	8.0 (8.8)	8.4 (9.3)	9.0 (9.9)
BIT PRIME COAT (TON)	0.07 (0.08)	0.08 (0.09)	0.10 (0.10)	0.14 (0.15)	0.15 (0.16)	0.15 (0.17)	0.20 (0.22)	0.22 (0.24)	0.23 (0.25)

NOTE: USE 50 (2) INC. BIT. SURF. ON EXISTING RETURNS



## PRIVATE ENTRANCE

ON ALL ENTRANCES  
AGGREGATE BASE COURSE TYPE B  
(TO BE COMPACTED TO 200 (8) THICKNESS)  
INCIDENTAL BITUMINOUS SURFACING 50 (2)

## 3.6m (12') PRIVATE ENTRANCE

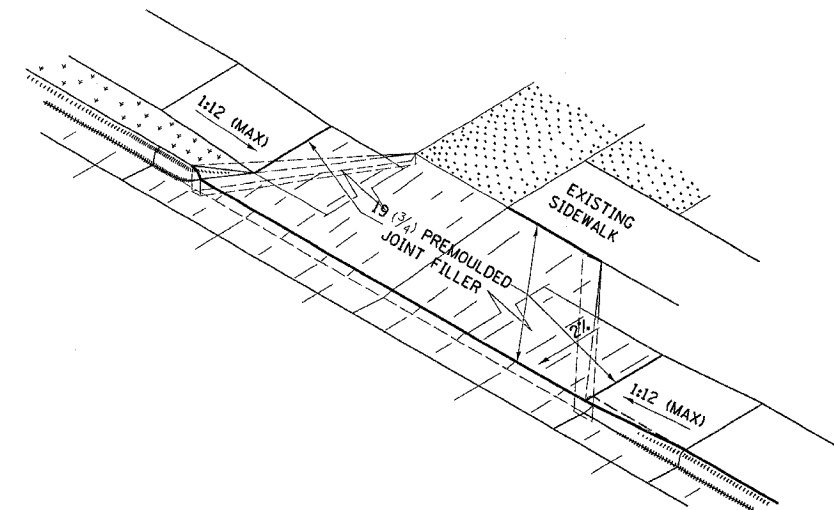
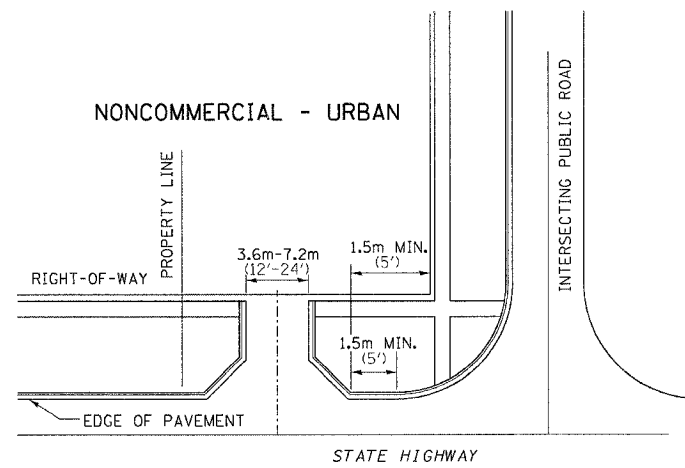
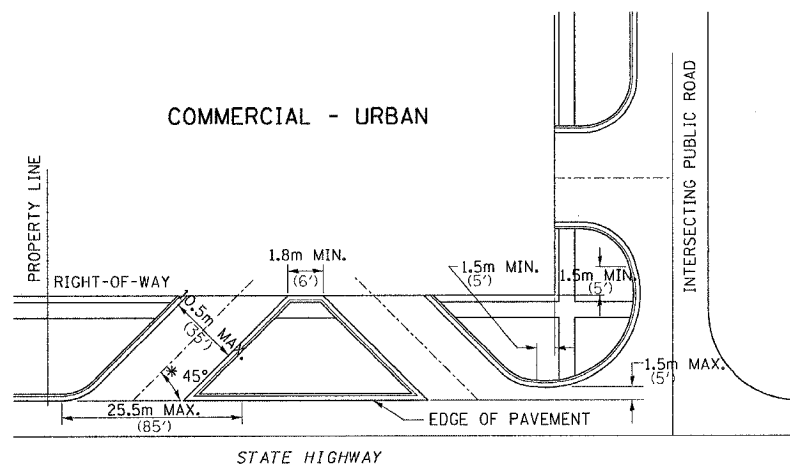
	1.8m (6')	2.4m (8')	PER METER ENTR (FOOT)
AGG BASE CSE T-B (TON)	39.7 (43.8)	42.0 (46.3)	2.11 (0.71)
INC BIT SURF 50 (2) (TON)	10.7 (11.8)	11.5 (12.7)	0.57 (0.19)
BIT PRIME COAT (TON)	0.11 (0.12)	0.18 (0.13)	0.006 (0.002)

DATE: 5-15-90  
FILE NAME: 5180000  
PLOT SCALE: 1/8" = 1'-0"  
REFERENCE: #REF\*

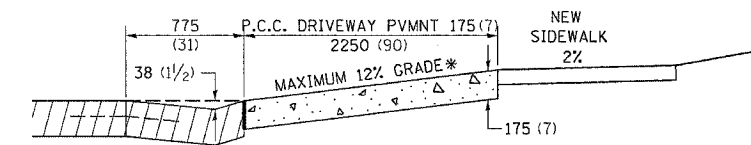
F.A.R. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
573	116R-4	DEKALB	416	273
STA.		TO STA.		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		

# ENTRANCE APPROACHES - URBAN AREA

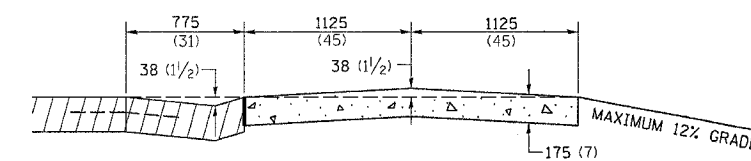
TYPICAL APPLICATION OF ENTRANCES



WHEN THE ISLAND BETWEEN DRIVES IS LESS THAN 7.5m (25') LONG OR LESS THAN 10 FEET WIDE, IT SHALL BE DEFINED BY CURBS, MASONRY, OR OTHER DEVICES.  
\* 45° MIN. ANGLE PERMITTED ONLY FOR ONE-WAY DRIVEWAYS.  
60° MIN. ANGLE FOR TWO-WAY DRIVEWAYS.

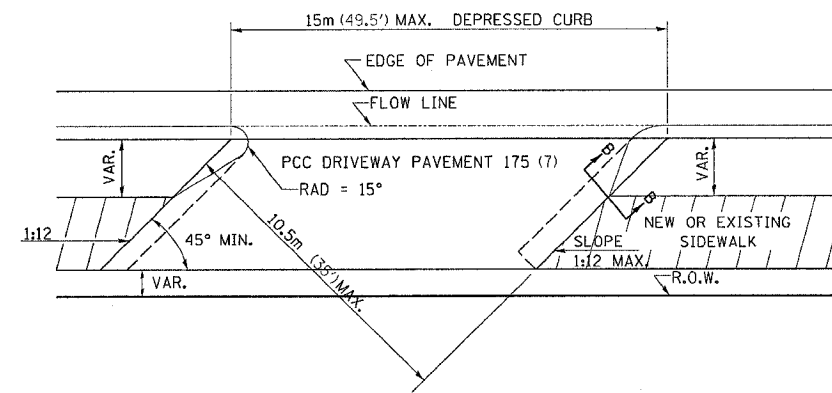


ASCENDING APPROACH

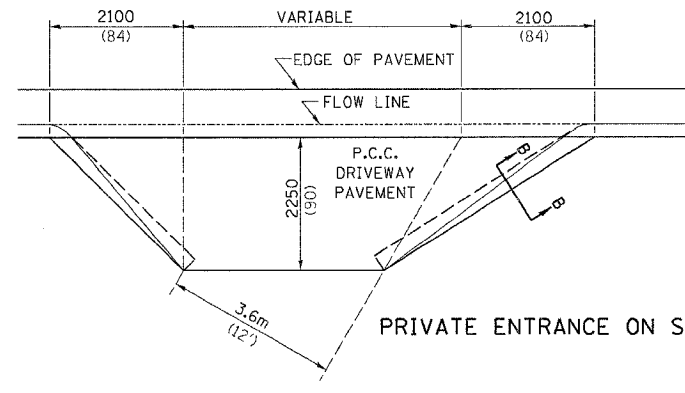


DESCENDING APPROACH

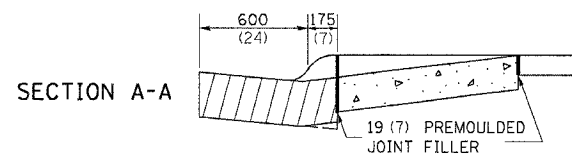
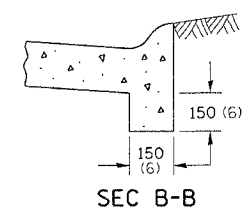
\* IN CASES WHERE GRADE EXCEEDS 12%, THE RESIDENT ENGINEER SHALL CHECK WITH DISTRICT DESIGN OFFICE TO DETERMINE NEW APPROACH GRADE. PARTICULAR ATTENTION SHALL BE PAID TO THE NEGATIVE GRADE TO PREVENT DRAINAGE FROM OVER FLOWING INTO THE PRIVATE ENTRANCE.



COMMERCIAL ENTRANCE

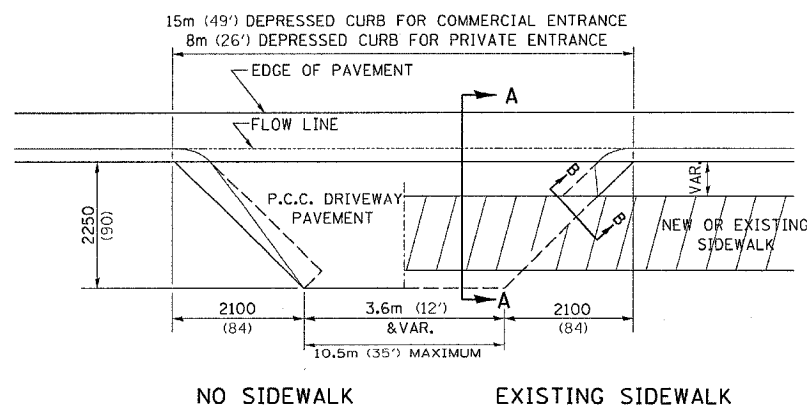


PRIVATE ENTRANCE ON SKEW

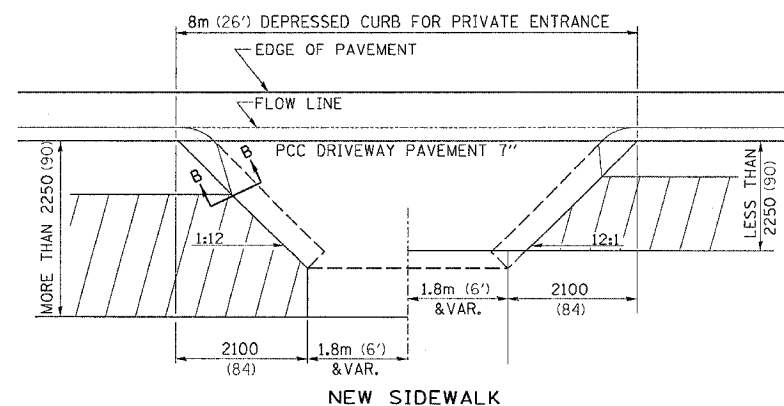


THE VARIABLE HEIGHT INTEGRAL CURB AND PREMOULDED JOINT FILLER WILL NOT BE PAID FOR SEPARATELY, BUT SHALL BE INCLUDED IN THE CONTRACT UNIT PRICE OF DRIVEWAY PAVEMENT OF THE THICKNESS SPECIFIED.

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



NO SIDEWALK  
EXISTING SIDEWALK



NEW SIDEWALK

PLT DATE = Fri, Sep 02 05:10:31, 2005  
FILE NAME = C:\2005\116R-4\64517\08.plt  
PLT SCALE = 50.0000 \* 1/8"  
REFERENCE = REF#

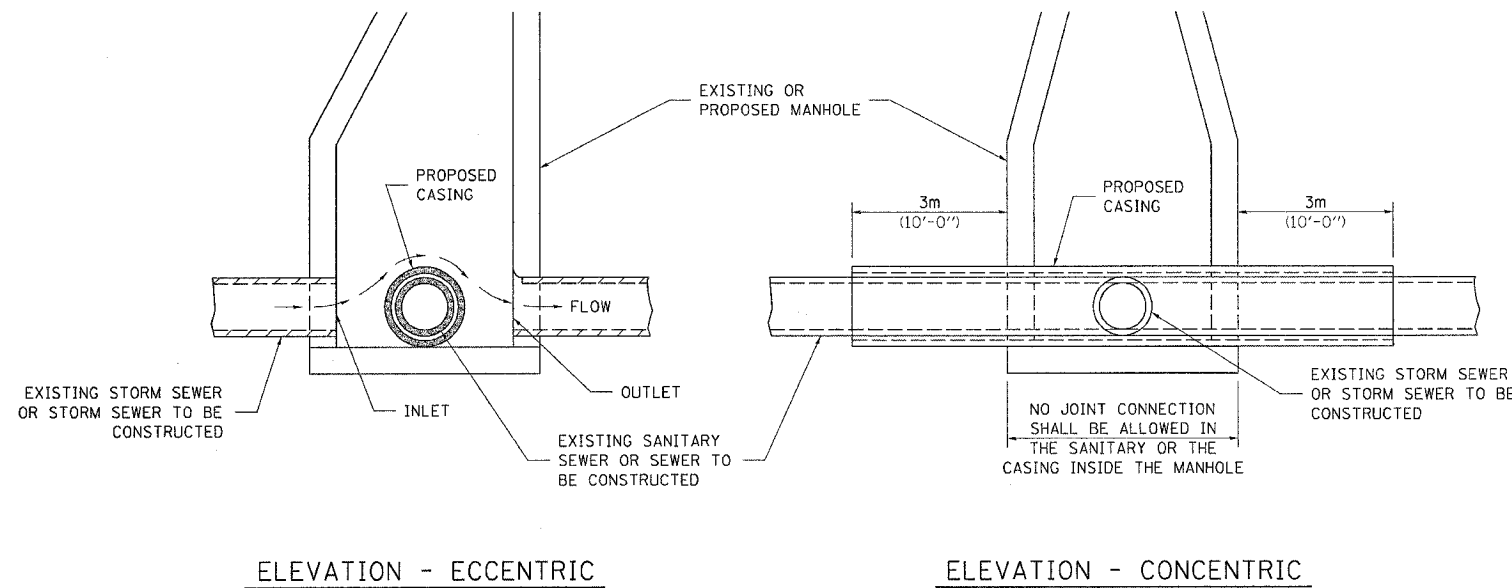
F.A. P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
573	116R-4	DEKALB	416	274
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		

# SEWER AND WATER MAIN CROSSINGS

THIS DETAIL IS FOR UNKNOWN UTILITIES UNLESS QUANTITIES ARE INCLUDED IN THE PLANS THE EXTRA WORK WILL BE PAID FOR IN ACCORDANCE WITH ARTICLE 109.04.

WHEN PROPOSED SEWER (OR WATER) IS LOCATED 3.1 m (10'-0") OR MORE FROM EXISTING WATER (OR SEWER) NO SPECIAL CONSTRUCTION REQUIRED.

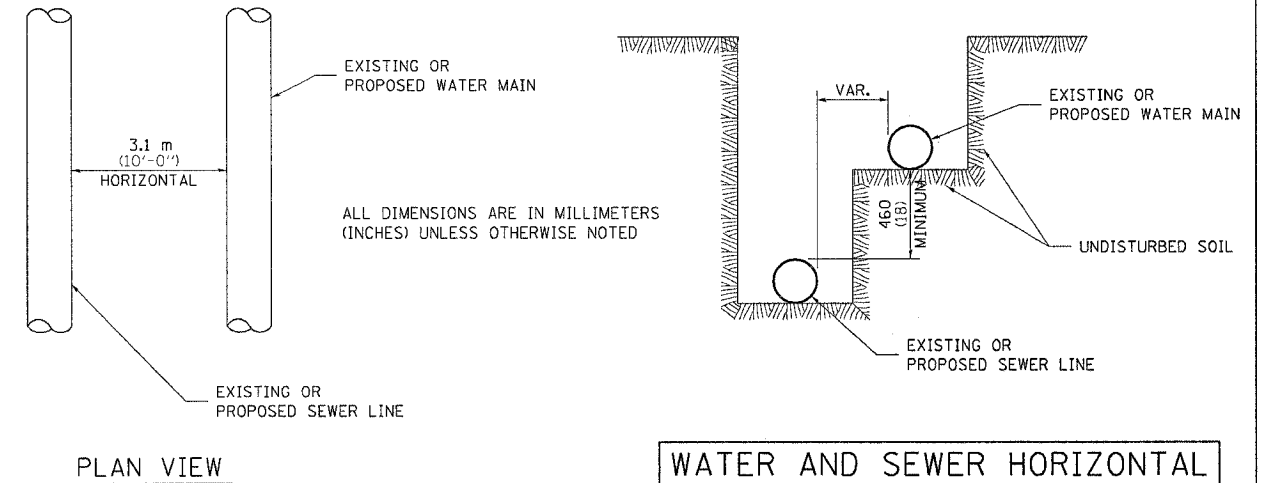
WHEN PROPOSED SEWER (OR WATER) IS LOCATED LESS THAN 3.1 m (10'-0") FROM EXISTING WATER (OR SEWER) DETAILS BELOW SHALL APPLY.



AT GRADE CROSSING OF SANITARY AND STORM SEWER

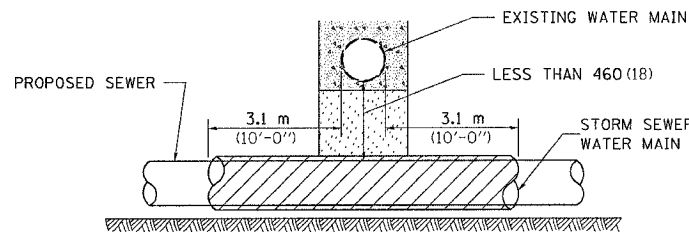
ALL DIMENSIONS ARE IN MILLIMETERS (INCHES) UNLESS OTHERWISE NOTED

CASING SHALL BE CAST IRON WITH AN INSIDE DIAMETER 50 (2) LARGER IN DIAMETER THAN ENCASED PIPE OUTSIDE DIAMETER WITH BOTH ENDS OF CASING SEALED

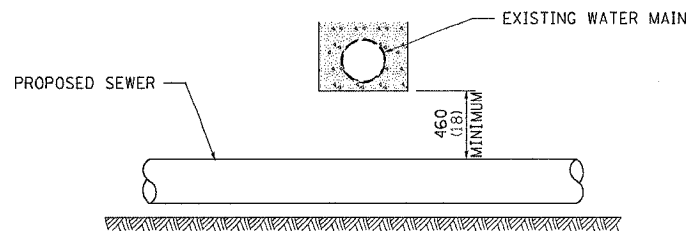


WATER AND SEWER HORIZONTAL SEPARATION REQUIREMENTS

POINT LOADS SHALL NOT BE ALLOWED BETWEEN SEWER OR SEWER CASING AND WATER MAIN  
PROVIDE ADEQUATE SUPPORT FOR EXISTING WATER MAIN TO PREVENT DAMAGE DUE TO SETTLEMENT OF SEWER TRENCH



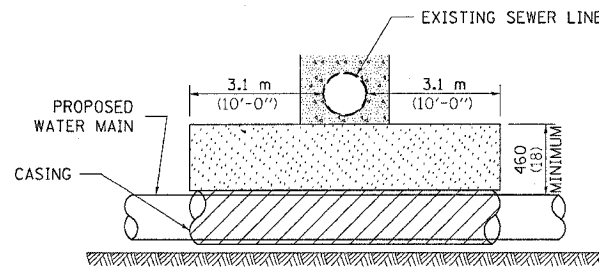
PROVIDE ADEQUATE SUPPORT FOR EXISTING WATER MAIN TO PREVENT DAMAGE DUE TO SETTLEMENT OF SEWER TRENCH  
MAINTAIN 460 (18) MINIMUM VERTICAL SEPARATION FOR 3.1m (10') HORIZONTALLY



ALL DIMENSIONS ARE IN MILLIMETERS (INCHES) UNLESS OTHERWISE NOTED

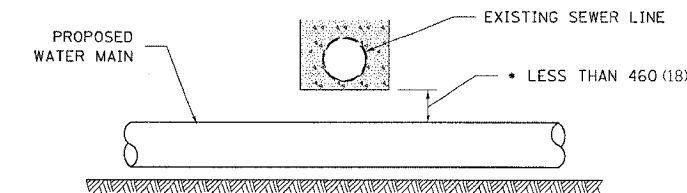
PROPOSED SEWER LINE BELOW EXISTING WATER MAIN

PROVIDE ADEQUATE SUPPORT FOR EXISTING SEWER LINE TO PREVENT DAMAGE DUE TO SETTLEMENT  
PLACE TRENCH BACKFILL FOR 3.1 m (10') ON EITHER SIDE OF SEWER LINE



CASING SHALL BE CAST IRON WITH AN INSIDE DIAMETER 50 (2) LARGER IN DIAMETER THAN ENCASED PIPE OUTSIDE DIAMETER WITH BOTH ENDS OF CASING SEALED

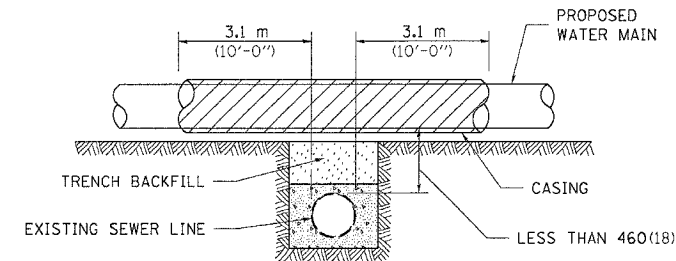
PROVIDE ADEQUATE SUPPORT FOR EXISTING WATER MAIN TO PREVENT DAMAGE DUE TO SETTLEMENT OF SEWER TRENCH  
MAINTAIN 460 (18) MINIMUM VERTICAL SEPARATION FOR 3.1 m (10') HORIZONTALLY



ALL DIMENSIONS ARE IN MILLIMETERS (INCHES) UNLESS OTHERWISE NOTED

PROPOSED WATER MAIN BELOW EXISTING SEWER LINE

POINT LOADS SHALL NOT BE ALLOWED BETWEEN WATER MAIN OR WATER MAIN CASING AND SEWER

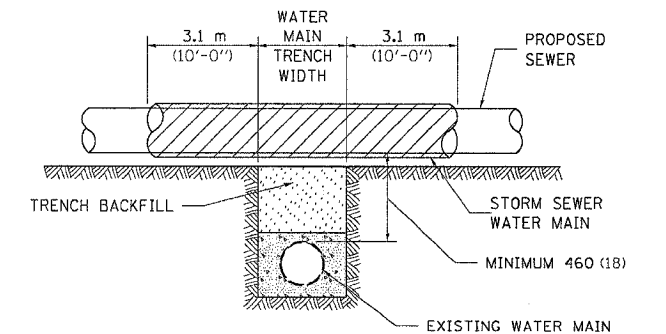


CASING SHALL BE CAST IRON WITH AN INSIDE DIAMETER 50 (2) LARGER IN DIAMETER THAN ENCASED PIPE OUTSIDE DIAMETER WITH BOTH ENDS OF CASING SEALED

ALL DIMENSIONS ARE IN MILLIMETERS (INCHES) UNLESS OTHERWISE NOTED

PROPOSED WATER MAIN ABOVE EXISTING SEWER LINE

PROVIDE ADEQUATE SUPPORT FOR SEWER TO PREVENT SETTLING AND BREAKING THE WATER MAIN.



ALL DIMENSIONS ARE IN MILLIMETERS (INCHES) UNLESS OTHERWISE NOTED

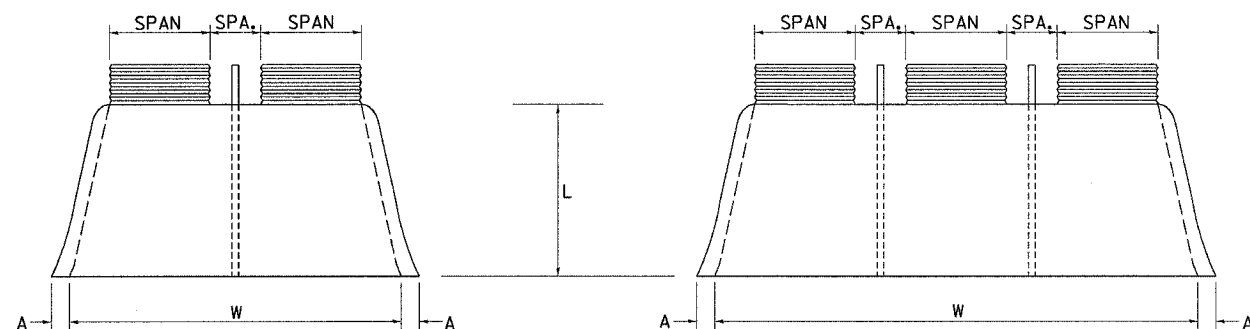
EXISTING WATER MAIN BELOW PROPOSED SEWER LINE WITH MINIMUM 460 (18) VERTICAL SEPARATION

PLT DATE = Fri Sep 02 07:12:33 2005  
FILE NAME = C:\Nrc\msta\2201700\1700pl.dgn  
DRAWING NO. = 1700  
REFERENCE = REFERENCE

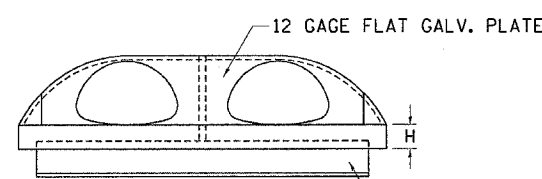


F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
573	116R-4	DEKALB	416	276
STA.		TO STA.		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		

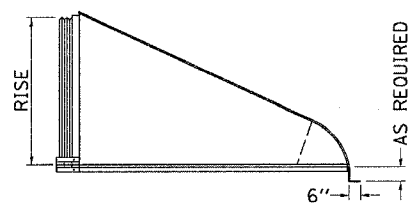
# CORRUGATED STEEL PIPE MULTIPLE END SECTIONS



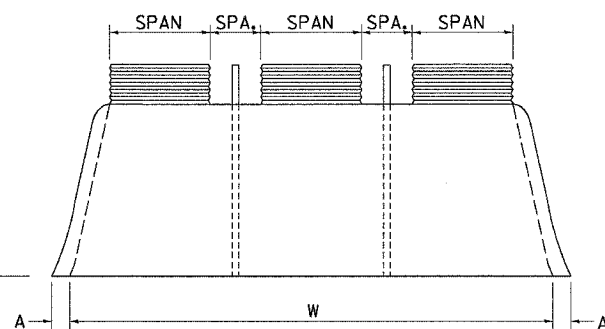
PLAN



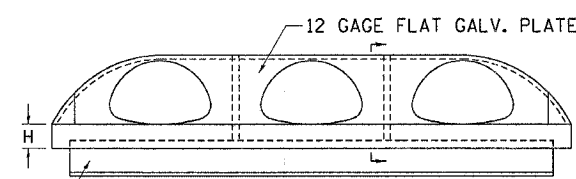
ELEVATION



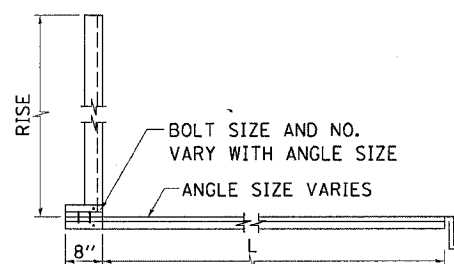
SIDE VIEW



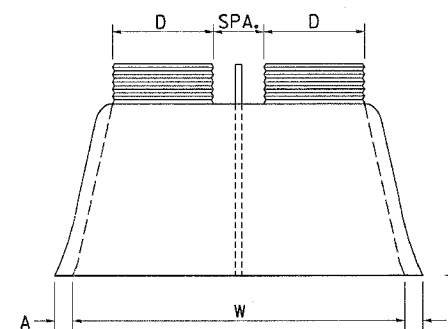
PLAN



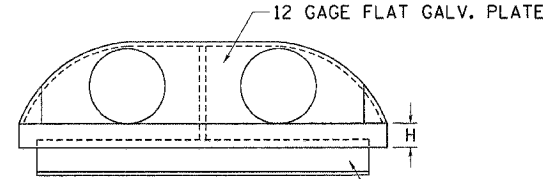
ELEVATION



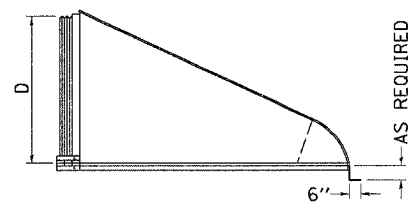
SECTION VIEW



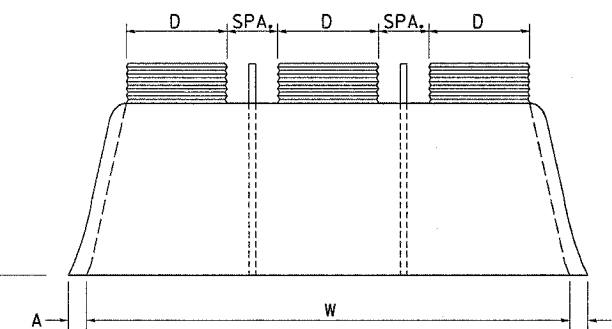
PLAN



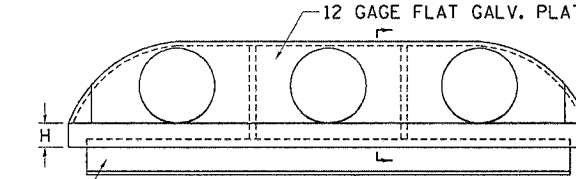
ELEVATION



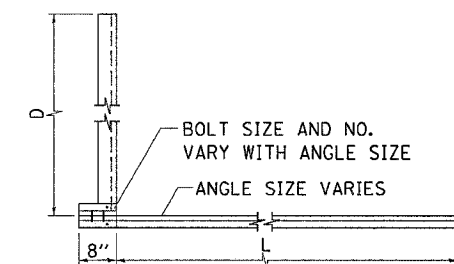
SIDE VIEW



PLAN



ELEVATION



ANGLE SECTION VIEW

PIPE-ARCH MULTIPLE INLET END SECTIONS										
SPAN x RISE 2-2/3" x 1/2"	EQUIV. ROUND	GAGE	SPA. (In)	A (In)	H (In)	L (In)	DOUBLE W	TRIPLE W	REINFORCING ANGLE	
17 x 13	15	16	12	6 1/2	6	20	59	88	2 x 2 x 1/4	
21 x 15	18	16	12	7 1/2	6	24	69	102	2 x 2 x 1/4	
24 x 18	21	16	12	8	6	28	78	114	2 x 2 x 1/4	
28 x 20	24	16	12	8	6	32	88	128	5 x 3 x 1/4	
35 x 24	30	14	12	10	6	39	107	154	5 x 3 x 1/4	
42 x 29	36	14	14	12	7 1/2	46	131	187	5 x 3 x 1/4	
49 x 33	42	12	17	13 1/2	9	53	150	216	5 x 3 x 1/4	
57 x 38	48	12	19	18 1/2	12	62	166	242	6 x 4 x 3/8	
64 x 43	54	12	22	18	12	69	188	274	6 x 4 x 3/8	
71 x 47	60	12/10	24	18 1/2	12	77	209	304	6 x 4 x 3/8	
77 x 62	66	12/10	26	18	12	77	229	332	6 x 4 x 3/8	
83 x 67	72	12/10	28	18	12	77	243	354	6 x 4 x 3/8	
SPAN x RISE 3"x1" & 5"x1"	EQUIV. ROUND	GAGE	SPA. (In)	A (In)	H (In)	L (In)	DOUBLE W	TRIPLE W	REINFORCING ANGLE	
60 x 46	54	12	20	18	12	70	182	262	6 x 4 x 3/8	
66 x 51	60	12/10	22	18	12	77	202	290	6 x 4 x 3/8	
73 x 55	66	12/10	25	18	12	77	224	322	6 x 4 x 3/8	
81 x 69	72	12/10	27	18	12	77	246	354	6 x 4 x 3/8	

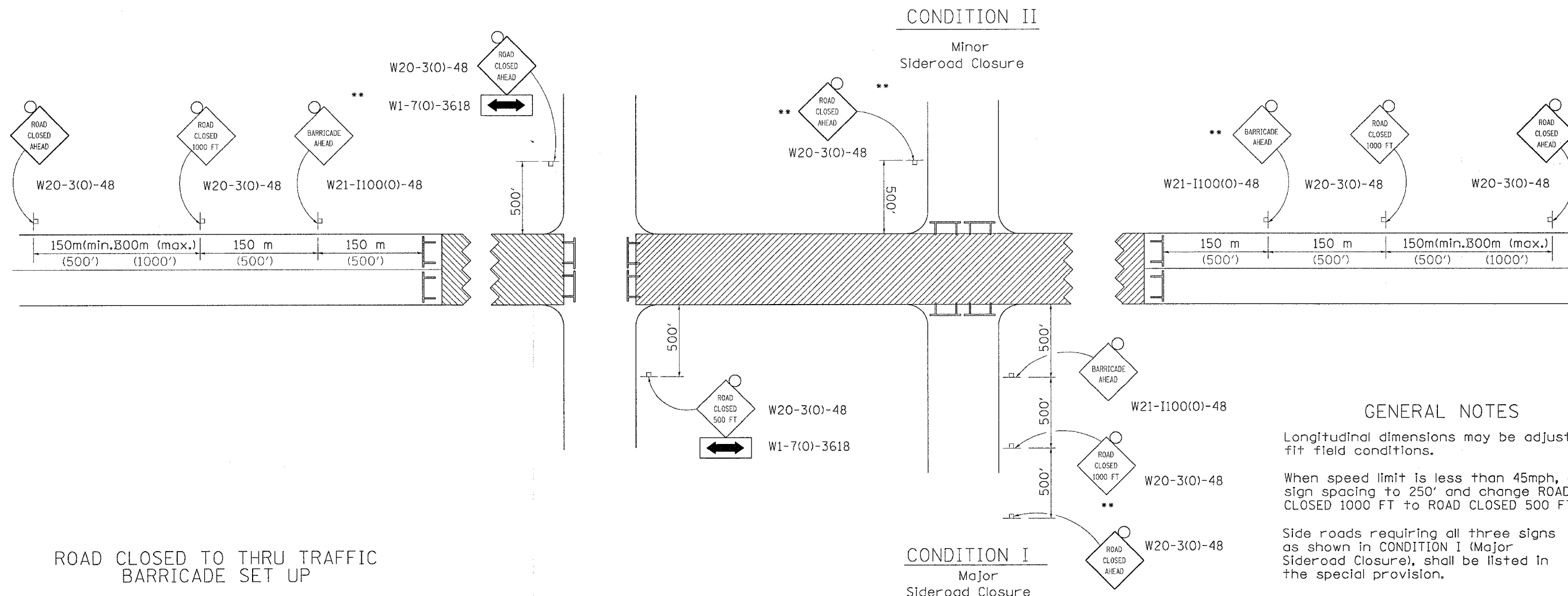
ROUND PIPE MULTIPLE INLET END SECTIONS										
PIPE DIA. (D) (In)	GAGE	SPA. (In)	A (In)	H (In)	L (In)	DOUBLE W	TRIPLE W	REINFORCING ANGLE		
12	16	12	6 1/2	6	21	48	72	2 x 2 x 1/4		
15	16	12	7 1/2	6	26	57	84	2 x 2 x 1/4		
18	16	12	8	6	31	66	96	2 x 2 x 1/4		
21	16	12	10	6	36	75	108	2 x 2 x 1/4		
24	16	12	10	6	41	84	120	5 x 3 x 1/4		
30	14	15	12 1/4	8	51	102	147	5 x 3 x 1/4		
36	14	18	14 1/2	9	60	126	180	5 x 3 x 1/4		
42	12	21	17	10 1/2	69	147	210	5 x 3 x 1/4		
48	12	24	18 1/2	12	79	162	234	6 x 4 x 7/16		
54	12	27	18 1/2	12	84	183	264	6 x 4 x 7/16		
60	12/10	30	18	12	88	204	294	6 x 4 x 7/16		
66	12/10	33	18	12	87	219	318	6 x 4 x 7/16		
72	12/10	36	18	12	88 1/2	228	336	6 x 4 x 7/16		
78	12/10	36	18	12	87 1/2	252	366	6 x 4 x 7/16		
84	12/10	36	18	12	87 1/2	254	384	6 x 4 x 7/16		

NOTE: ALL DIMENSIONS ARE IN INCHES UNLESS OTHERWISE NOTED

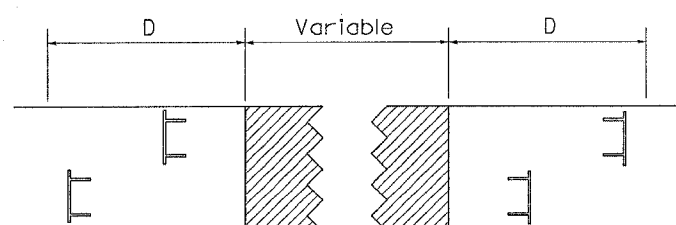
PLOT DATE = FRI, SEP 03 07:54:41 2005  
 FILE NAME = C:\Users\c1201780\OneDrive\100001.dgn  
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 REFERENCE = REF#

F.A.R. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
573	116R-4	DEKALB	416	277
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		

# TRAFFIC CONTROL FOR ROAD CLOSURE

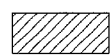




ROAD CLOSED TO THRU TRAFFIC BARRICADE SET UP



Type III Barricades and R11-4-4830 signs shall be as shown in "Road Closed To All Thru Traffic" detail on Highway Standard 702001. If the distance "D" exceeds 600 m (2000') an additional set of barricades and R11-4-4830 shall be placed at each end of the work area.

### SYMBOLS

-  Work area
-  Type III Barricade with Flashers
-  Sign with flashing light

### GENERAL NOTES

Longitudinal dimensions may be adjusted to fit field conditions.

When speed limit is less than 45mph, change sign spacing to 250' and change ROAD CLOSED 1000 FT to ROAD CLOSED 500 FT.

Side roads requiring all three signs as shown in CONDITION I (Major Sideroad Closure), shall be listed in the special provision.

\*\* Where local access is to be maintained, barricades are to be set up as shown in Road Closed to thru traffic.

Type III Barricades and R11-2-4830 signs shall be as shown in "Road Closed To All Traffic" detail on Highway Standard 702001.

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

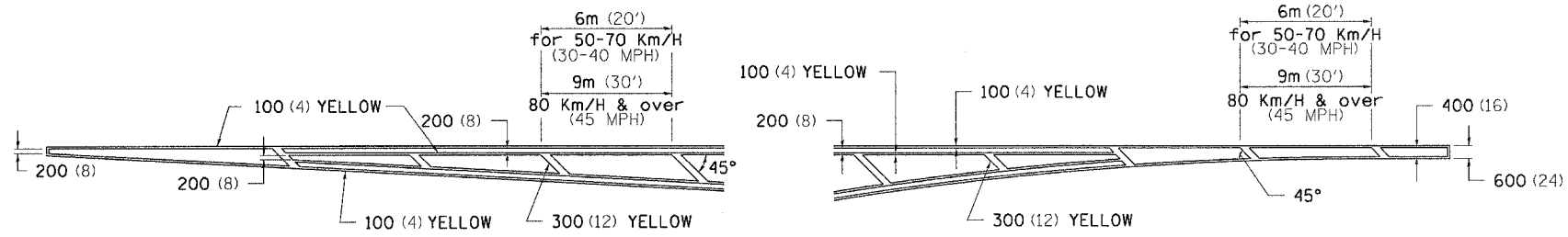
TYPICAL APPLICATION FOR ROAD CLOSURE

PLOT DATE = Fri, Sep 02 02:12:33 2005  
 FILE NAME = C:\Users\jg\Documents\64517\64517.dgn  
 PLOT SCALE = 50.0000 / IN.  
 REFERENCE = \*REF\*

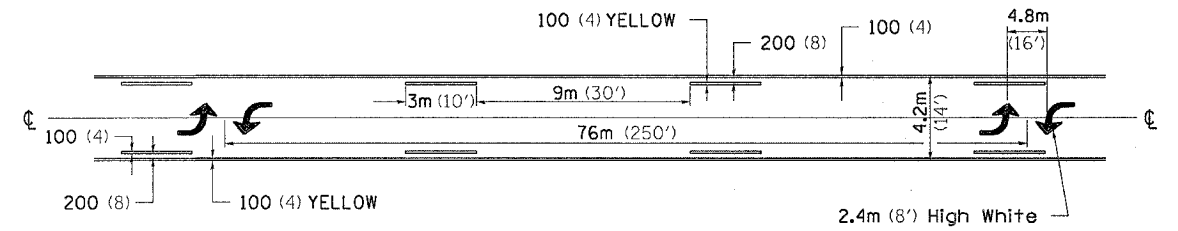
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
573	116R-4	DEKALB	416	278
STA.		TO STA.		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		

# TYPICAL PAVEMENT MARKINGS

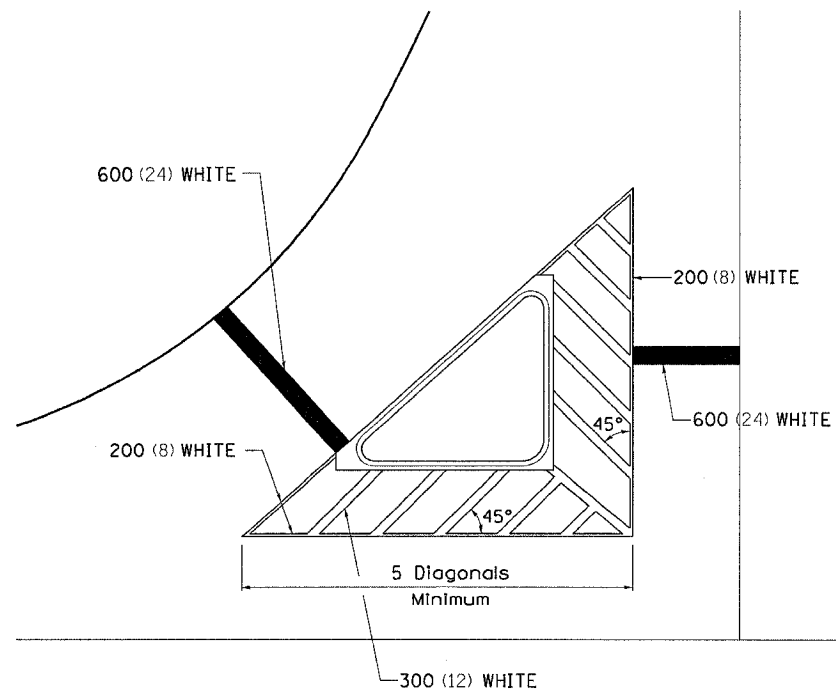
TYPICAL PAVEMENT MARKING FOR FLUSH MEDIAN



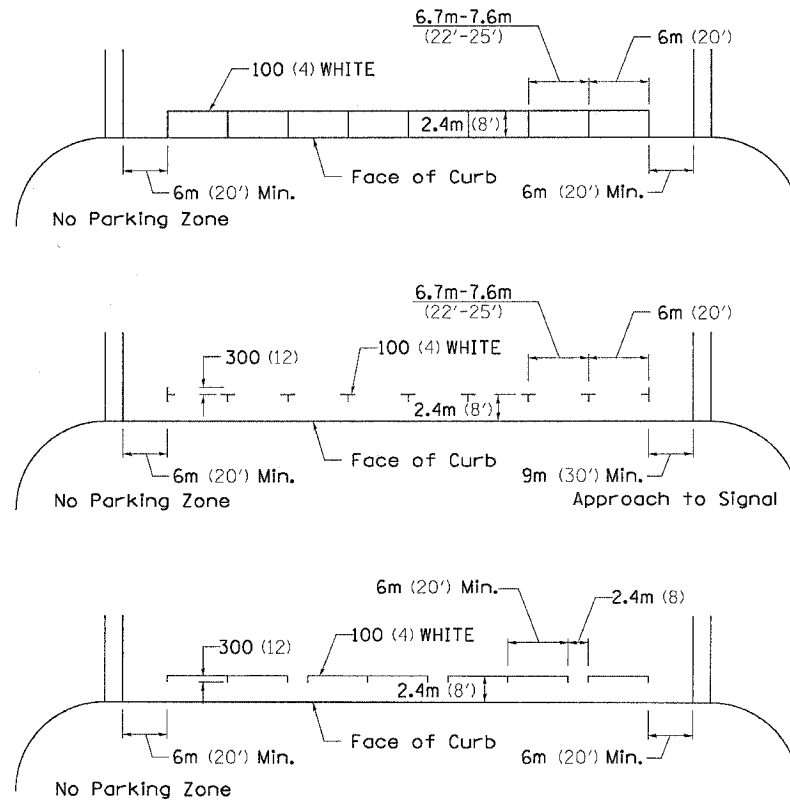
MEDIAN PAVEMENT MARKING



TYPICAL ISLAND OFFSET SHOULDER WIDTH



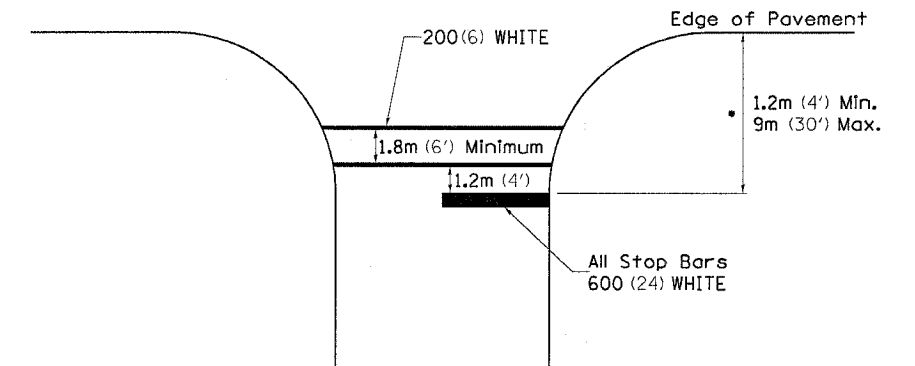
TYPICAL PARKING SPACING



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

STANDARD CROSSWALK MARKING

See Schedules for Locations



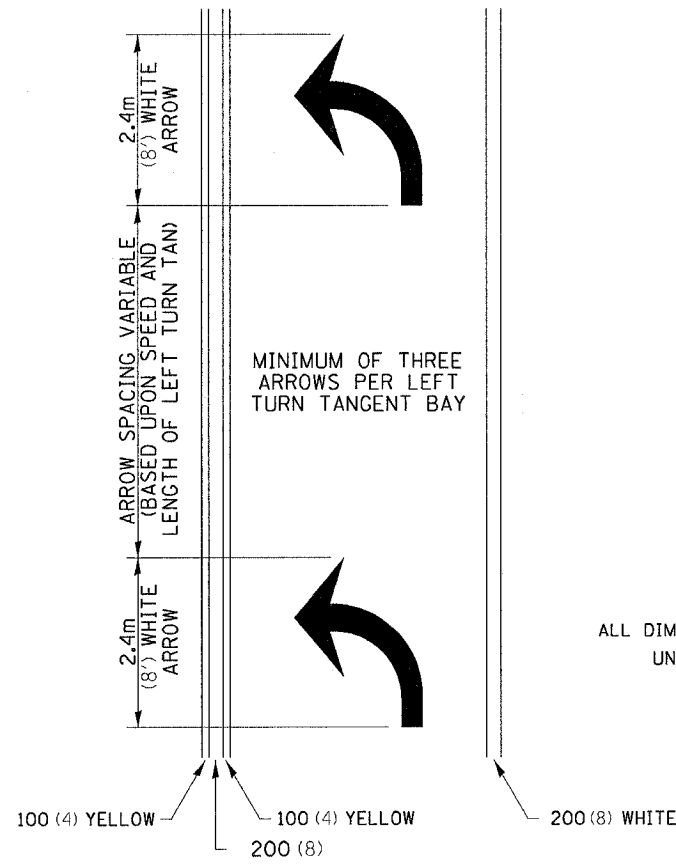
• Distance to the nearest edge of the intersecting roadway in the absence of a marked crosswalk.

PLT DATE = Fri Sep 02 07:12:33 2005  
FILE NAME = C:\pms\pss\201700\081700pldgn  
JOB NO = 0807 IN  
REFERENCE = REF08

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
573	116R-4	DEKALB	416	278A
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS	FED. AID PROJECT	

# TYPICAL PAVEMENT MARKINGS

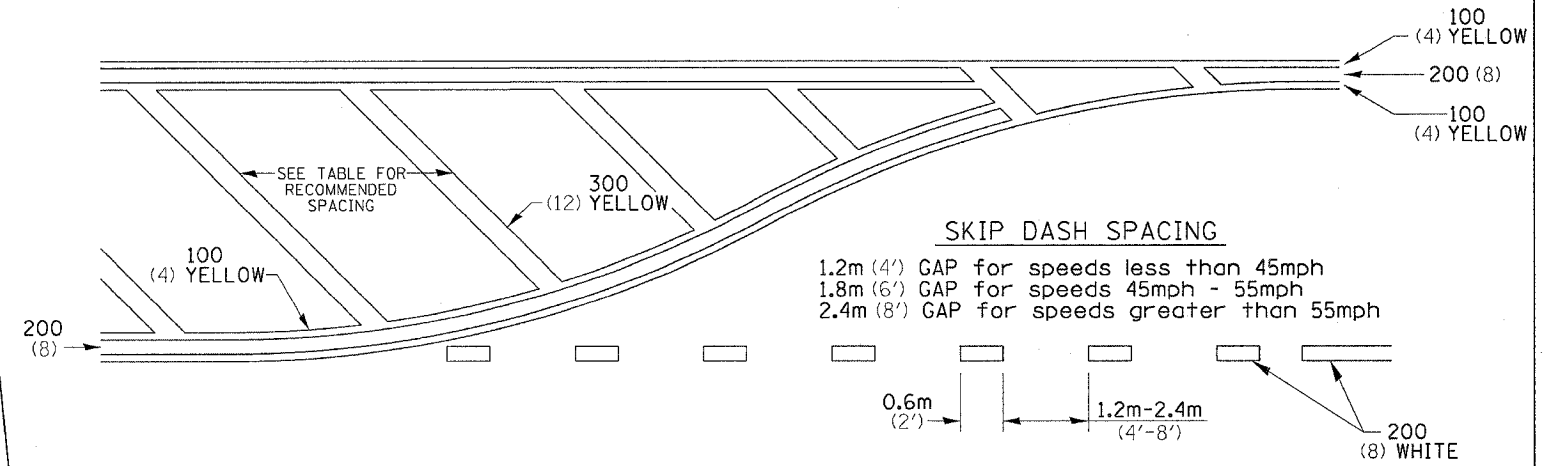
## ARROW LAYOUT



- ▲ ONE-WAY AMBER MARKER
- △ ONE-WAY CRYSTAL MARKER
- ◆ TWO-WAY AMBER MARKER

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

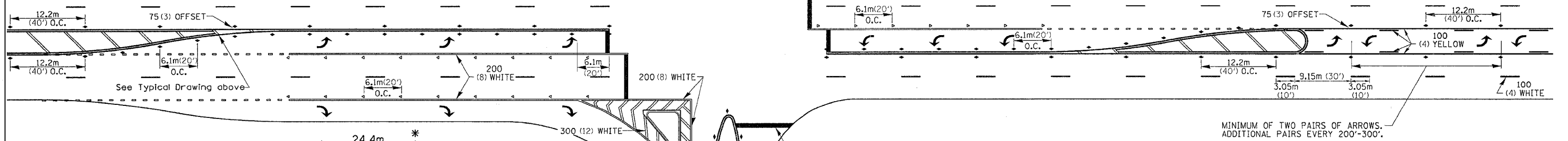
## TYPICAL PAVEMENT MARKING FOR FLUSH MEDIAN



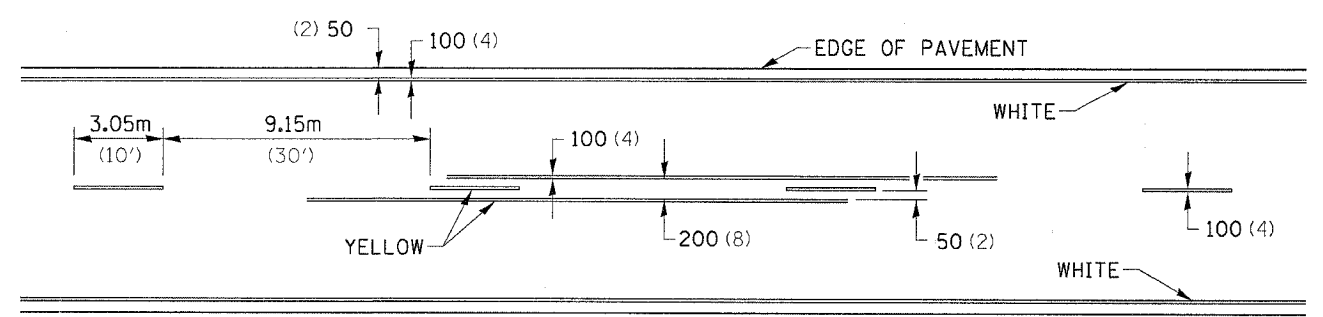
## RECOMMENDED SPACING BETWEEN DIAGONALS (IN FEET)

Speed Limit Range	Continuous Median Area	Intersection Channelization	Objects (Islands)
less than 50km/H (30MPH)	15.3m (50')	4.53m (15')	3.05m (10')
50-60km/H (30-40MPH)	22.9m (75')	6.1m (20')	4.53m (15')
70km/H (45MPH) & over	22.9m (75')	9.05m (30')	6.1m (20')

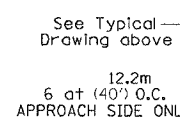
NOTE: If the spacing recommended in the Table does not permit at least five diagonal lines in the area being marked, the spacing from the next lowest speed range should be used. The recommended spacing is measured parallel to the pavement center line.



## TYPICAL PAVEMENT MARKING FOR TWO LANE SECTION - NO PASSING ZONES



## SYMBOLS



- REDUCE TO 12.2m (40') O.C. ON CURVES WHERE ADVISORY SPEEDS ARE 15km/H (10MPH) LOWER THAN POSTED SPEEDS.
- USE DOUBLE MARKERS WHEN ADT ≥ 25,000

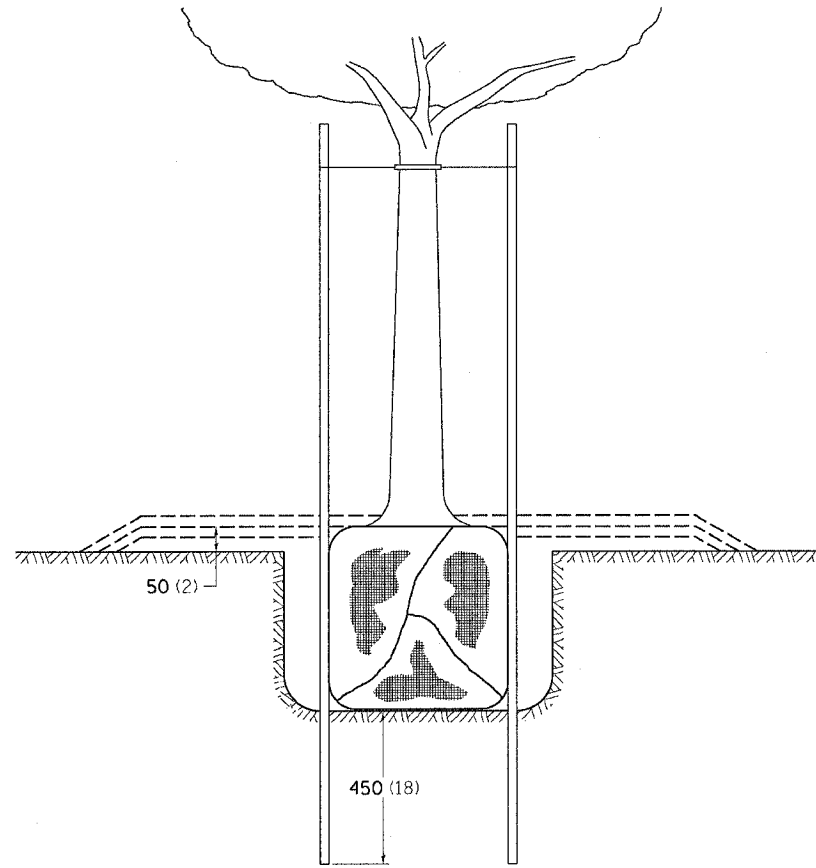
## MULTI-LANE / UNDIVIDED

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 REFERENCE = REF#4

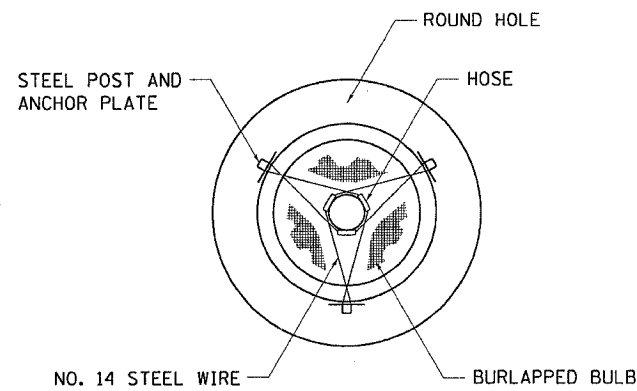


F.A.R. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
573	116R-4	DEKALB	416	279
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		

# DETAILS OF PLANTING AND BRACING TREES

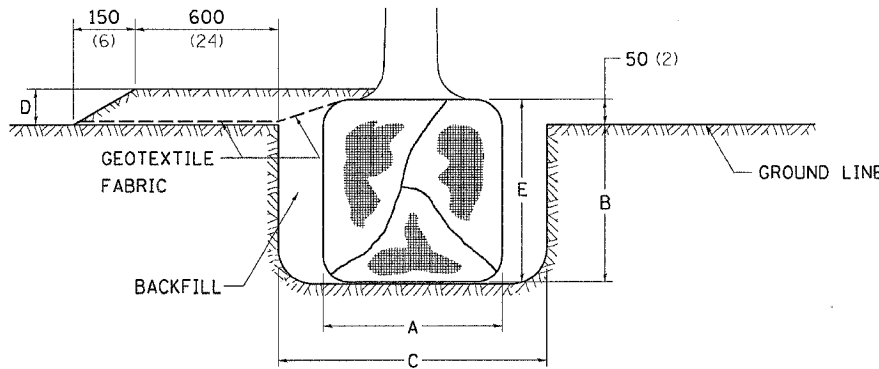


TREES SMALLER THAN 115 (4 1/2) IN DIAMETER

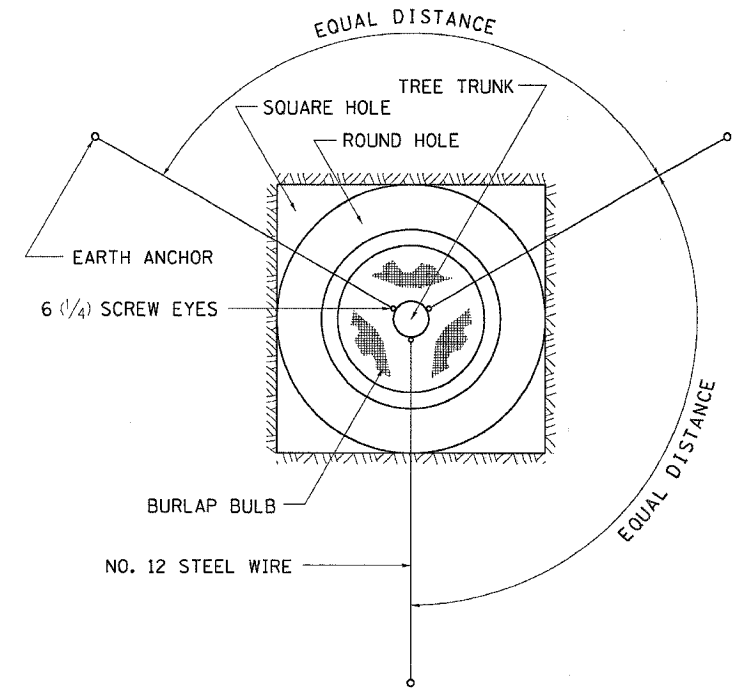


SMALL	A	B	C	D	E	F
TREE SIZE	DIAMETER OF BALL OR ROOT SYS.	DEPTH OF HOLE EXCAVATION	WIDTH OF HOLE EXCAVATION	THICKNESS OF MULCH COVER	DEPTH OF BALL OR ROOT SYS.	VOLUME OF MULCH COVER m <sup>3</sup> (CU. YDS.)
1.5-1.8m (5'-6')	400 (16)	250 (10)	750 (30)	100 (4)	300 (12)	0.41 (0.54)
1.5-1.8m (5'-6') BB	400 (16)	250 (10)	750 (30)	100 (4)	300 (12)	0.41 (0.54)
1.8-2.0m (6'-7')	450 (18)	300 (12)	750 (30)	100 (4)	350 (14)	0.41 (0.54)
2.0-2.4m (7'-8')	500 (20)	275 (11)	750 (30)	100 (4)	325 (13)	0.41 (0.54)
2.4-3.0m (8'-10')	600 (24)	350 (14)	900 (36)	100 (4)	400 (16)	0.47 (0.61)
3.0-3.6m (10'-12')	650 (26)	375 (15)	900 (36)	100 (4)	425 (17)	0.47 (0.61)

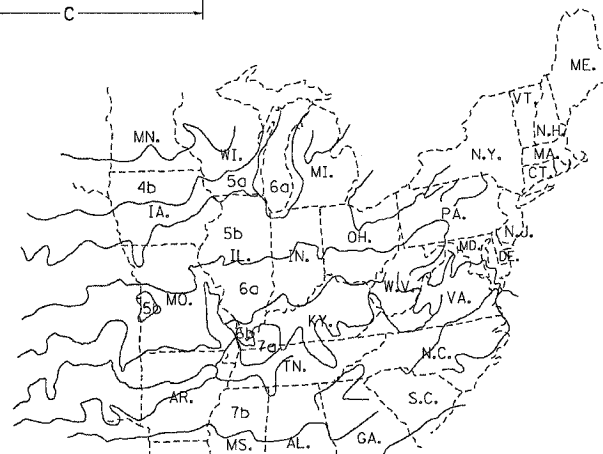
LARGE	A	B	C	D	E	F
TREE SIZE	DIAMETER OF BALL OR ROOT SYS.	DEPTH OF HOLE EXCAVATION	WIDTH OF HOLE EXCAVATION	THICKNESS OF MULCH COVER	DEPTH OF BALL OR ROOT SYS.	VOLUME OF MULCH COVER m <sup>3</sup> (CU. YDS.)
0-50 (0-2)	500 (20)	275 (11)	900 (36)	100 (4)	325 (13)	0.47 (0.61)
50-65 (2-2 1/2) BB	600 (24)	350 (14)	1200 (48)	100 (4)	400 (16)	0.60 (0.78)
65-75 (2 1/2-3) BB	700 (28)	425 (17)	1200 (48)	100 (4)	475 (19)	0.60 (0.78)
75-90 (3-3 1/2) BB	800 (32)	425 (17)	1500 (60)	100 (4)	475 (19)	0.73 (0.96)
90-100 (3 1/2-4) BB	900 (36)	500 (20)	1500 (60)	100 (4)	550 (22)	0.73 (0.96)
100-115 (4-4 1/2) BB	1000 (40)	550 (22)	1800 (72)	100 (4)	600 (24)	0.89 (1.16)
115-125 (4 1/2-5) BB	1100 (44)	600 (24)	1800 (72)	100 (4)	650 (26)	0.89 (1.16)
125-140 (5-5 1/2) BB	1200 (48)	675 (27)	2100 (84)	100 (4)	725 (29)	1.06 (1.38)



TREES OVER 115 (4 1/2) IN DIAMETER



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



PLANT HARDINESS ZONE MAP  
U.S. DEPARTMENT OF AGRICULTURE  
AGRICULTURAL RESEARCH SERVICE  
PUBLICATION NO. 814

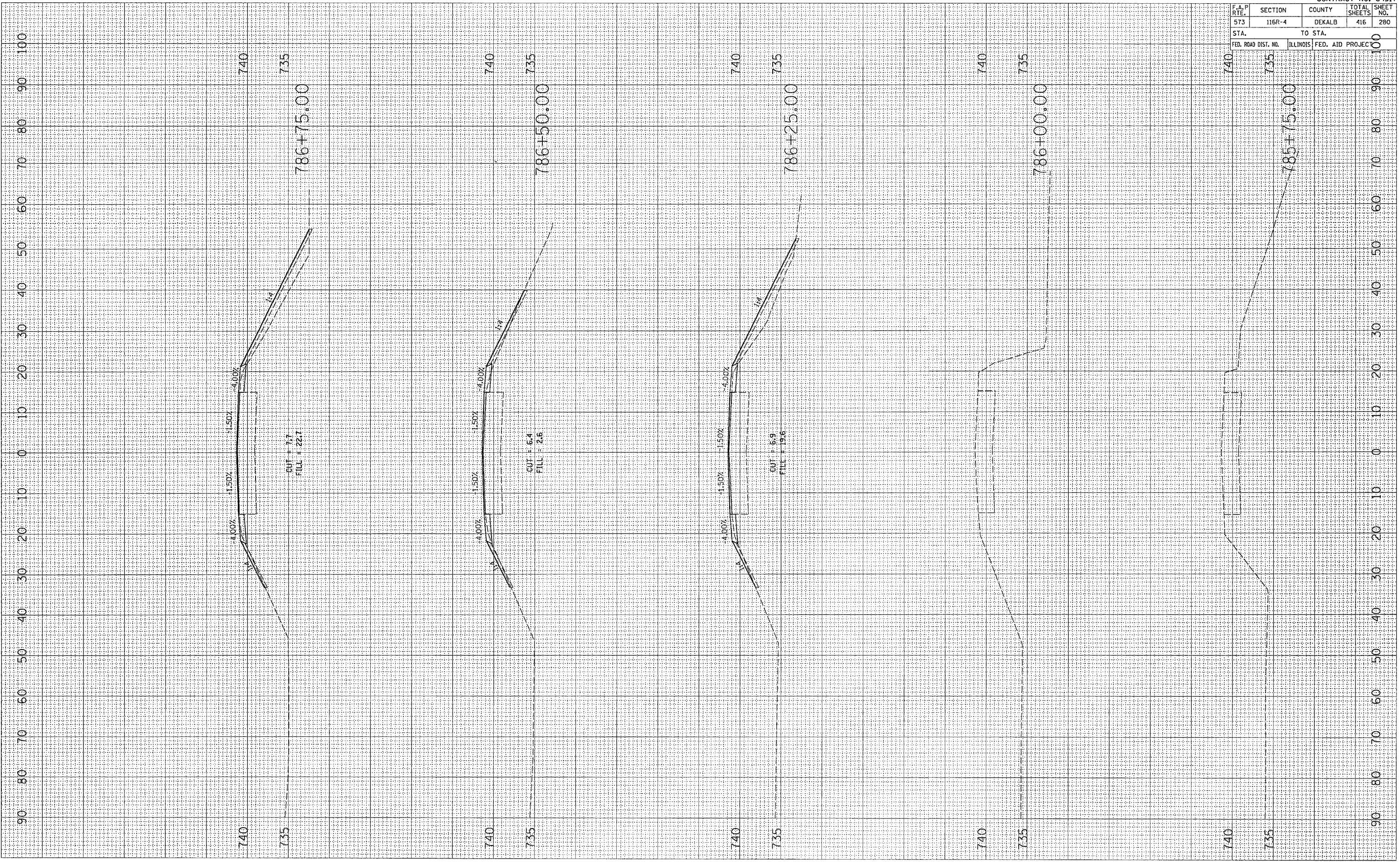
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REFERENCE = #REF!

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
573	116R-4	DEKALB	416	280
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS	FED. AID PROJEC	

FINAL SURVEY	BY	DATE
SURVEYED		
NOTE BOOK		
NO.		

ORIGINAL SURVEY	BY	DATE
SURVEYED		
NOTE BOOK		
NO.		

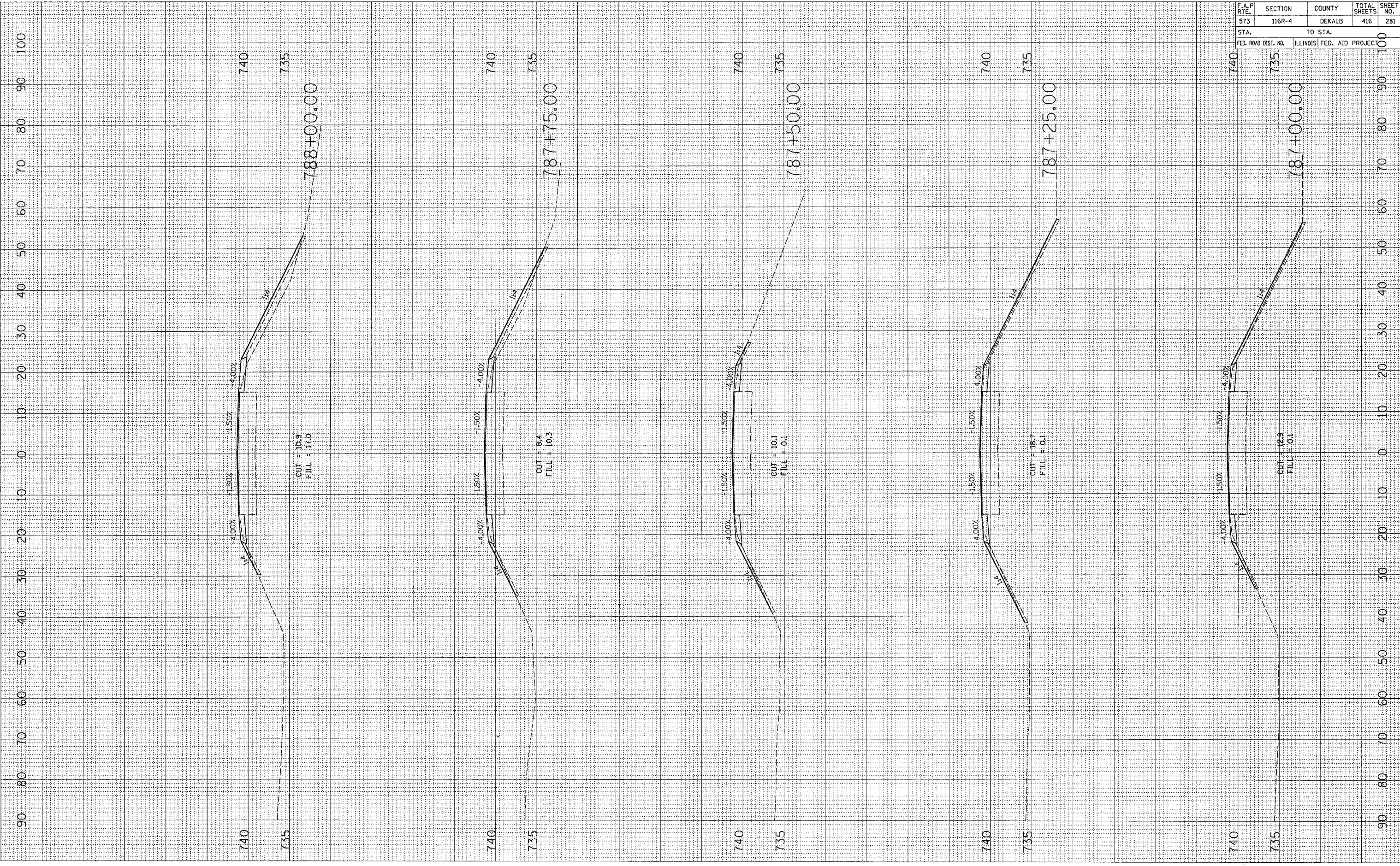
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 USER NAME : jordanhd



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 SURVEY DATE \_\_\_\_\_  
 NOTE BOOK NO. \_\_\_\_\_  
 TEMPLATE AREAS CHECKED \_\_\_\_\_  
 NO. \_\_\_\_\_

FINAL SURVEY  
 SURVEYED BY \_\_\_\_\_  
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 TEMPLATE AREAS CHECKED \_\_\_\_\_  
 NO. \_\_\_\_\_



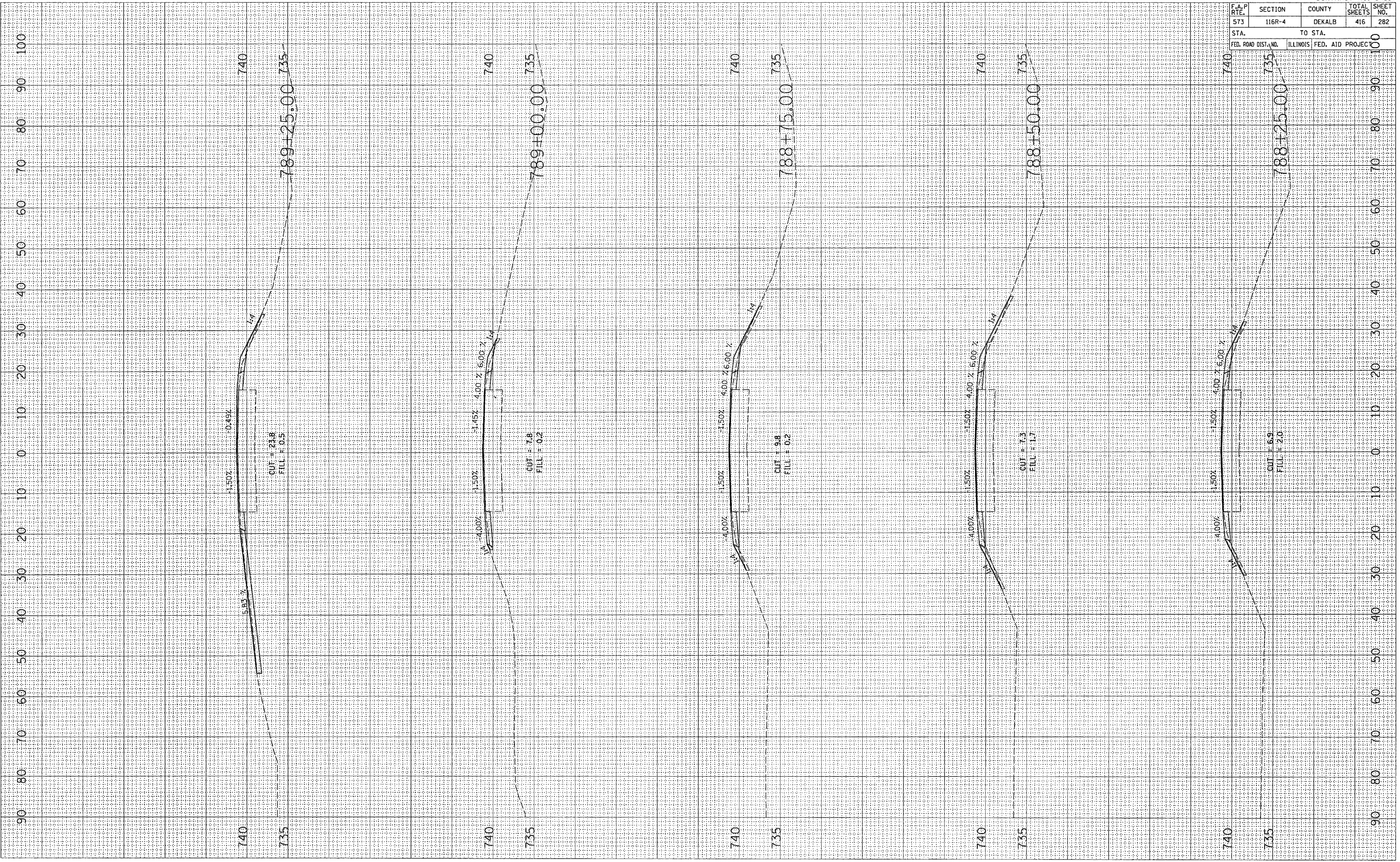
CONTRACT NO. 64517				
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
573	116R-4	DEKALB	416	281
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS	FED. AID PROJEC	

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
573	116R-4	DEKALB	416	282
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS	FED. AID PROJEC	100

FINAL SURVEY	DATE
SURVEY	BY
NOTE BOOK	
AREAS	
CHECKED	

ORIGINAL SURVEY	DATE
SURVEY	BY
NOTE BOOK	
AREAS	
CHECKED	

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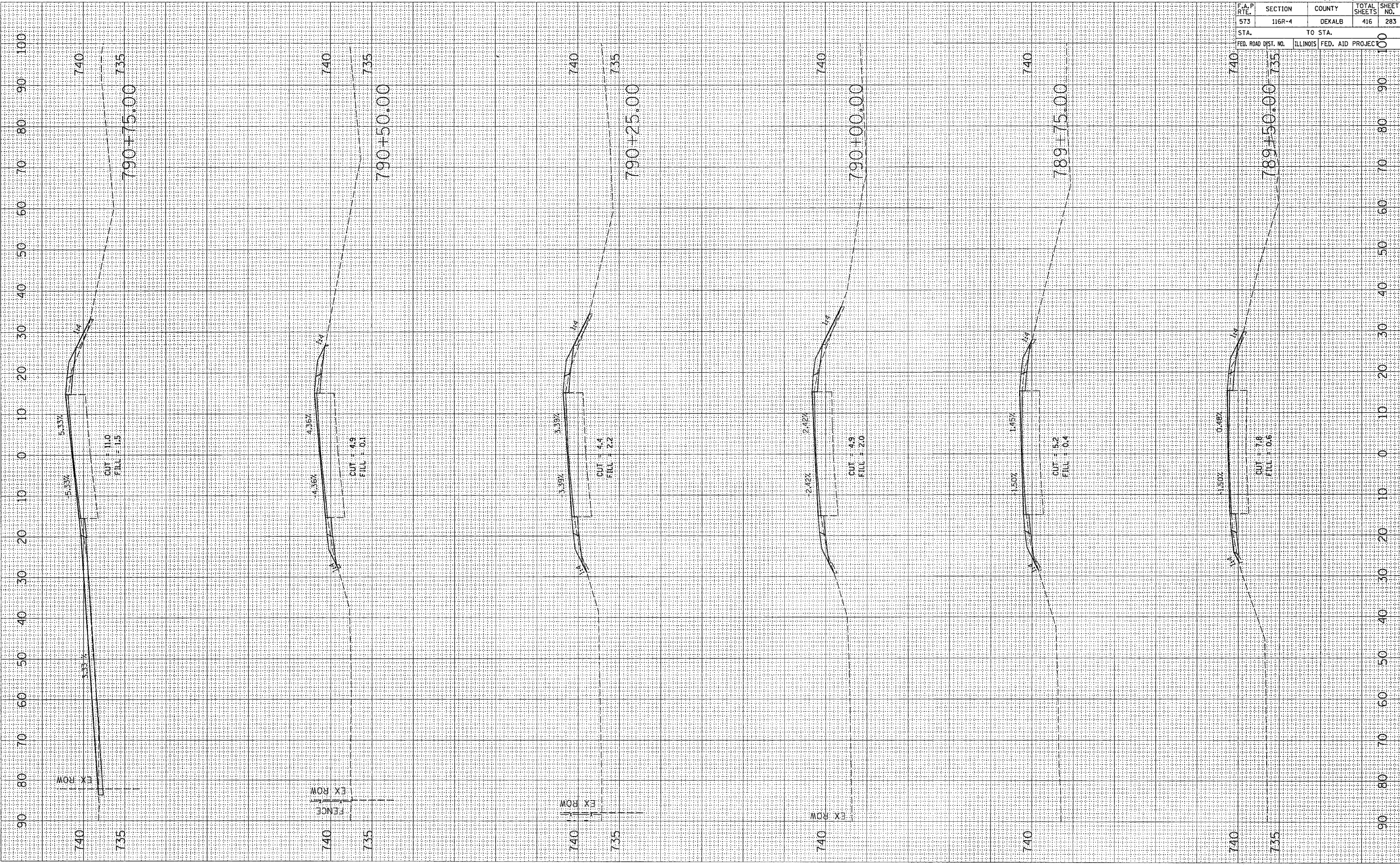


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 USER NAME : jrb@bnd

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 SURVEY TEMPLATE \_\_\_\_\_  
 NO. \_\_\_\_\_

FINAL SURVEY  
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 SURVEY TEMPLATE \_\_\_\_\_  
 NO. \_\_\_\_\_

DATE \_\_\_\_\_  
 BY \_\_\_\_\_



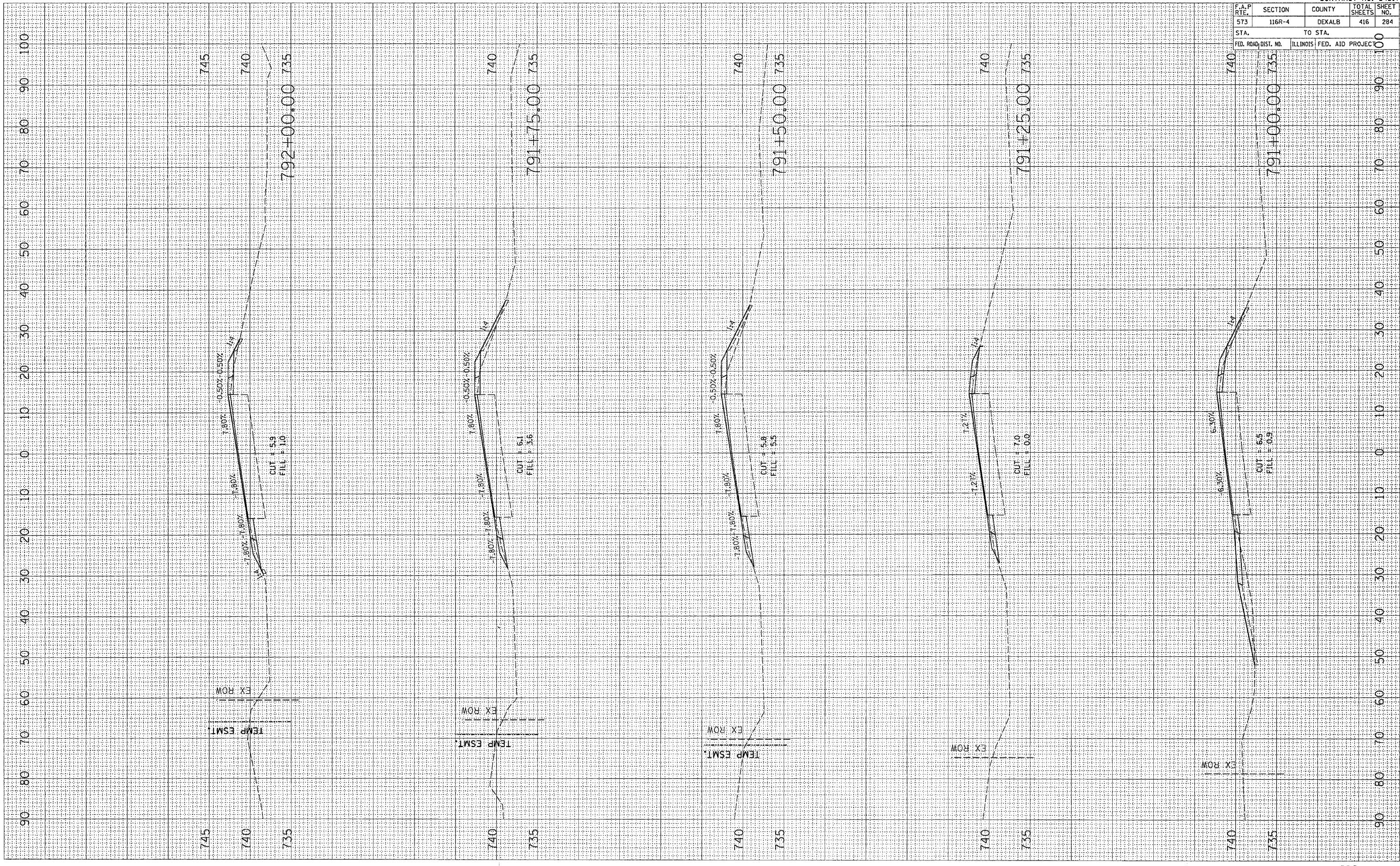
CONTRACT NO. 64517				
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
573	116R-4	DEKALB	416	283
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJEC		

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
573	116R-4	DEKALB	416	284
STA.		TO STA.		100
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		100

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

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

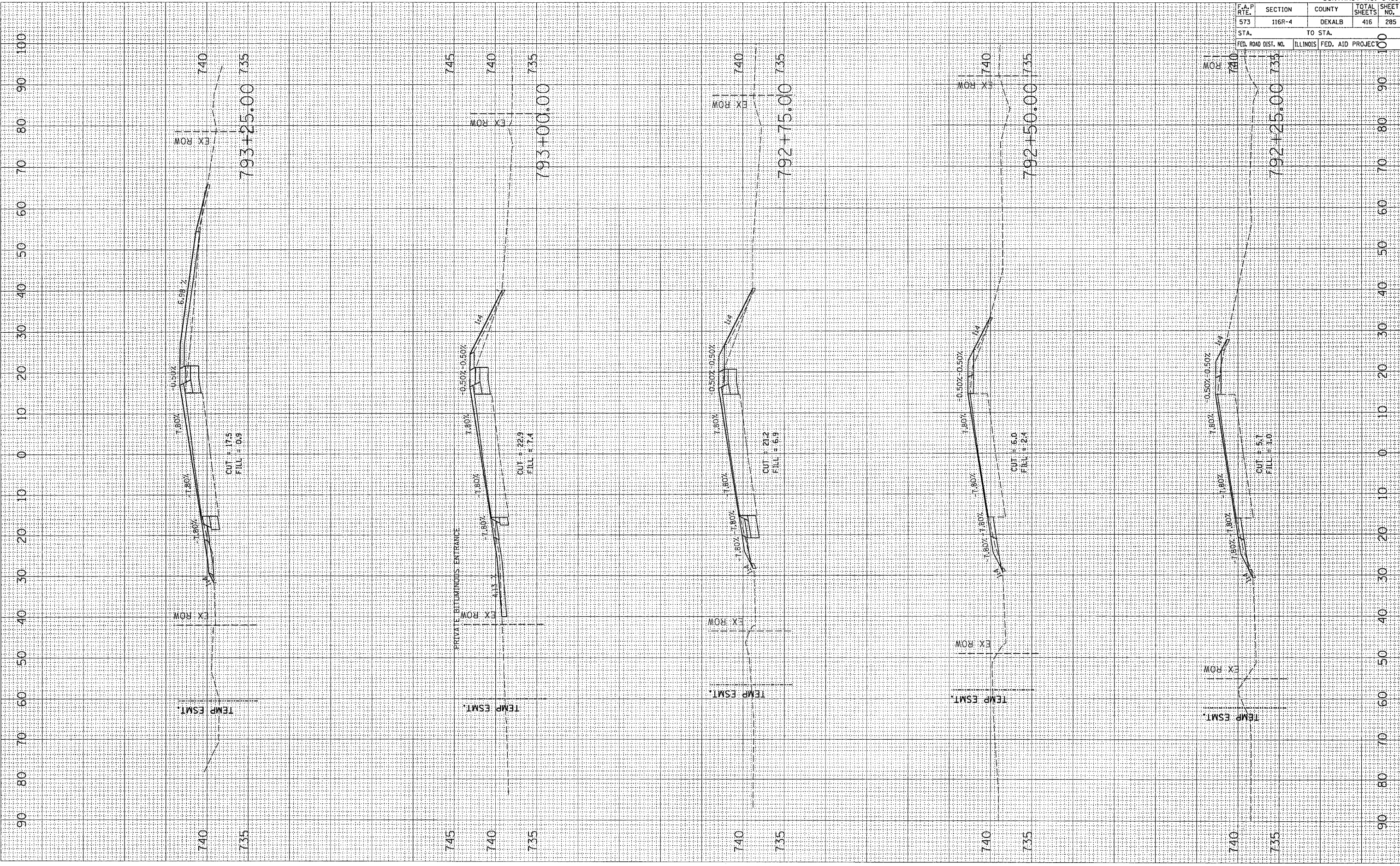
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 TEMPLATE NO. \_\_\_\_\_  
 AREAS CHECKED \_\_\_\_\_  
 BY \_\_\_\_\_  
 DATE \_\_\_\_\_

FINAL SURVEY NO. \_\_\_\_\_  
 SURVEY NO. \_\_\_\_\_  
 TEMPLATE NO. \_\_\_\_\_  
 AREAS CHECKED \_\_\_\_\_  
 BY \_\_\_\_\_  
 DATE \_\_\_\_\_



F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
573	116R-4	DEKALB	416	285
STA.		TO STA.		100
FED. ROAD DIST. NO.		ILLINOIS	FED. AID PROJECT	

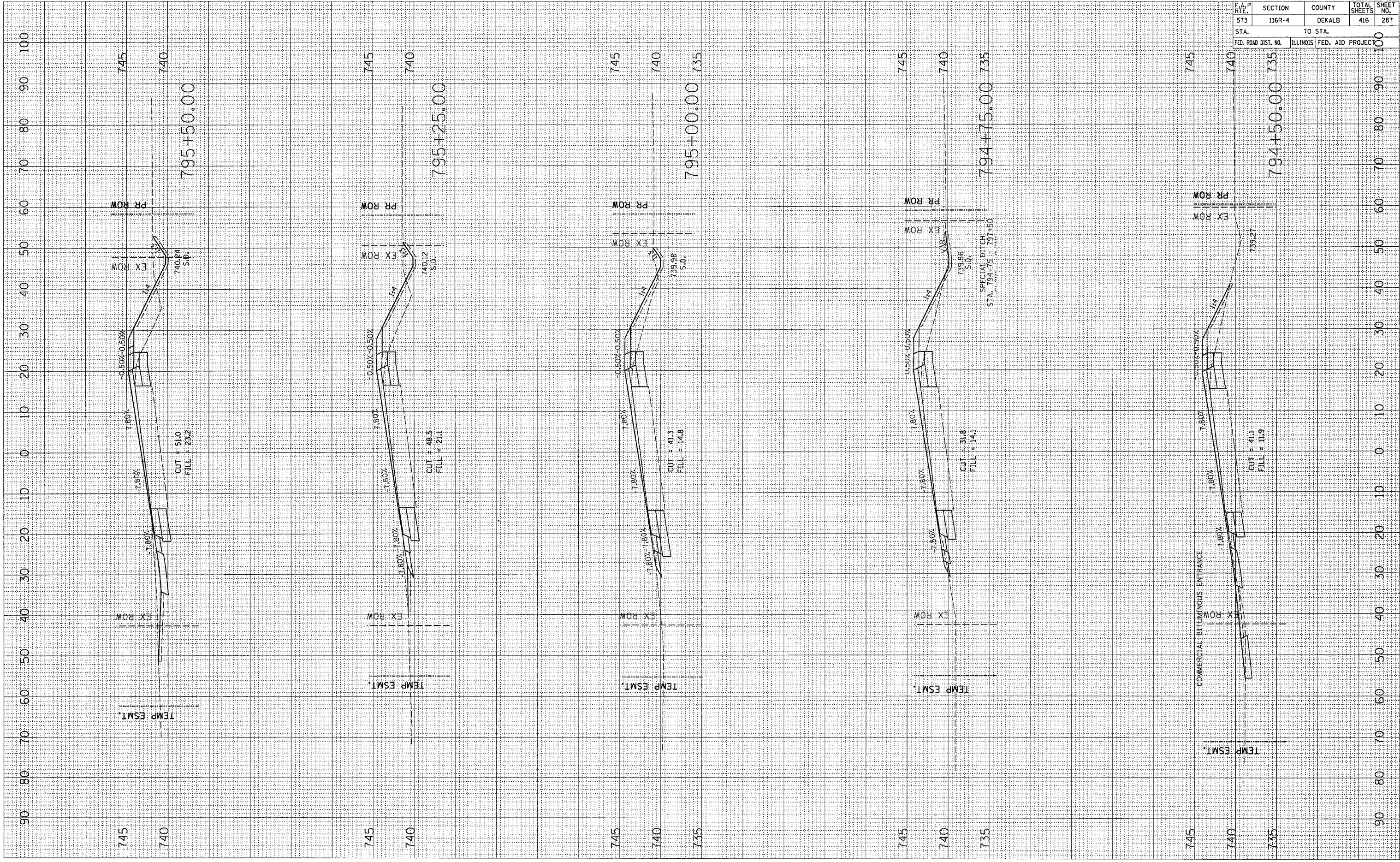




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ORIGINAL SURVEY	DATE
SURVEYED	
PLOTTED	
TEMP ESMT	
AREAS CHECKED	

FINAL SURVEY	DATE
SURVEYED	
PLOTTED	
TEMP ESMT	
AREAS CHECKED	



F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
573	116R-4	DEKALB	416	287

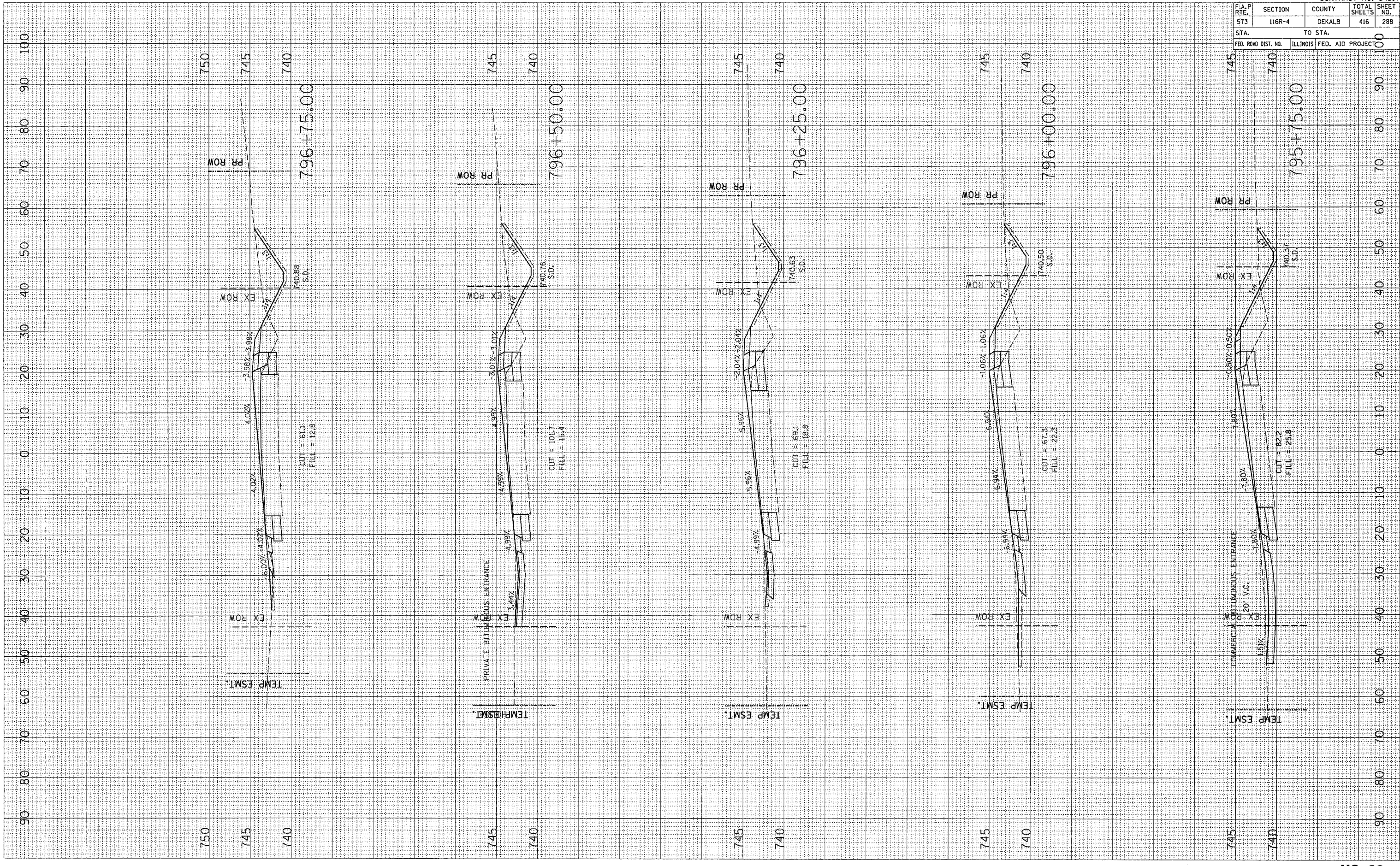
STA.	TO STA.	FED. ROAD DIST. NO.	ILLINOIS FED. AID PROJECT

PLOT DATE = Fri, Sep 02 07:55:46, 2005  
 PLOT SCALE = 1/8"=1'-0"  
 USER NAME = jordanhd

ORIGINAL SURVEYED  
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 PLOT SCALE = 1/8"=1'-0"  
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FINISH SURVEYED  
 SURVEY PLOTTED  
 PLOT SCALE = 1/8"=1'-0"  
 USER NAME = jordanhd

BY DATE

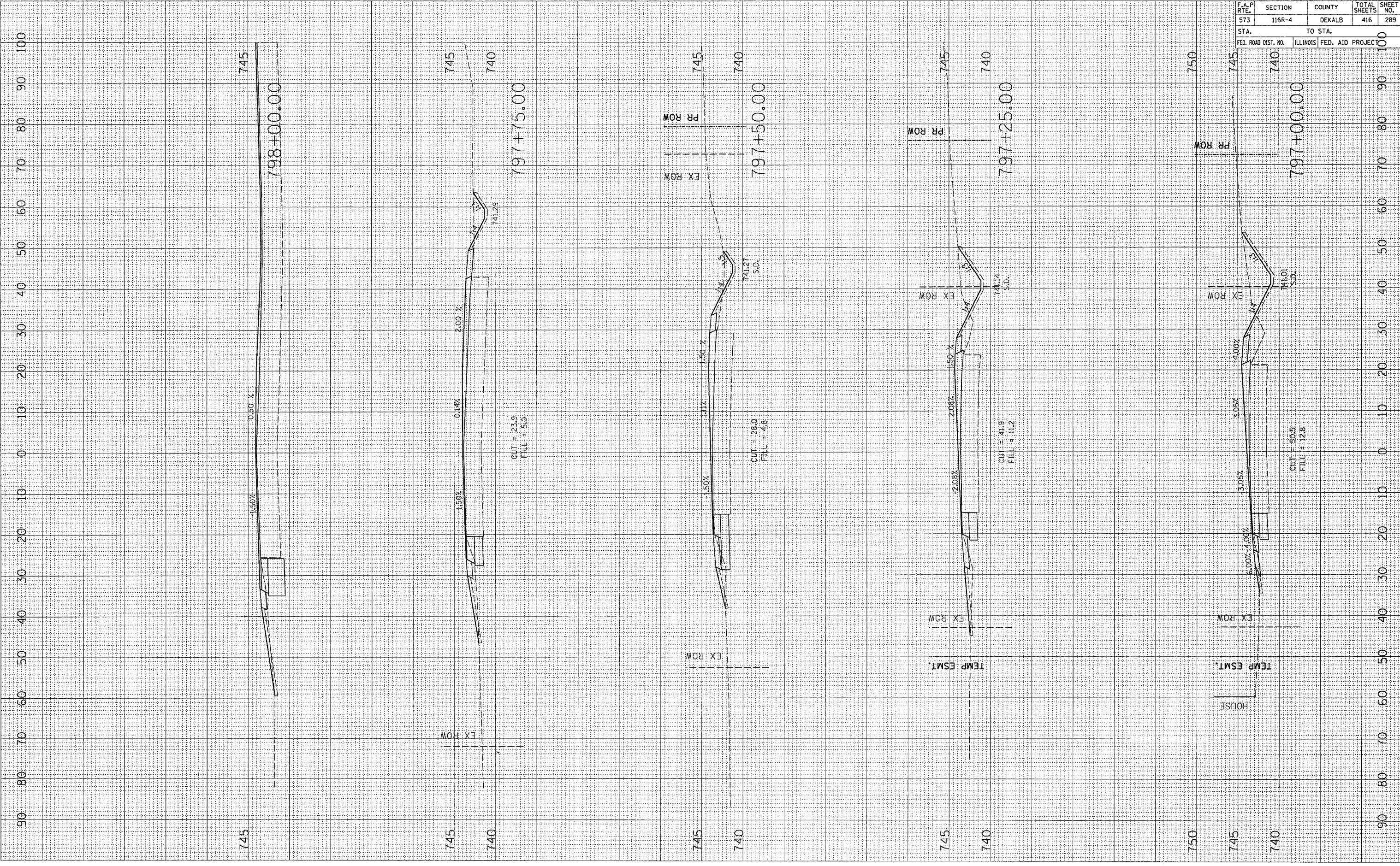


CONTRACT NO. 64517				
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
573	116R-4	DEKALB	416	288
STA.		TO STA.		
795		796		
ILLINOIS FED. AID PROJECT 100				

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ORIGINAL SURVEYED SURVEY BY DATE  
 NO. DATE

FINAL SURVEYED SURVEY BY DATE  
 NO. DATE



CONTRACT NO. 64517				
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
573	116R-4	DEKALB	416	289
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS	FED. AID PROJEC	100

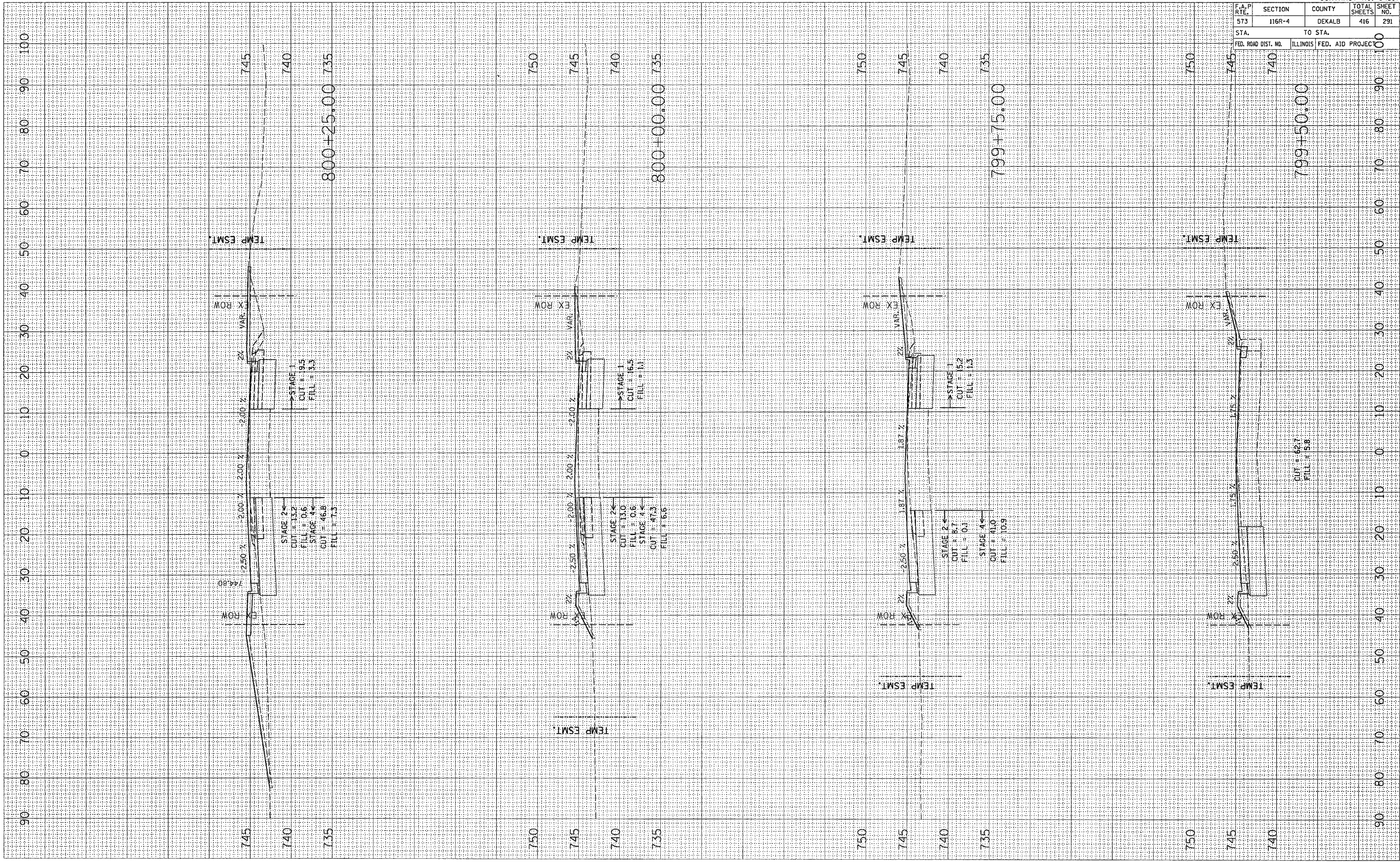


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 USER NAME = jandohnd

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 SURVEY PLOTTED  
 NOTE BOOK NO. \_\_\_\_\_  
 AREAS CHECKED

FINAL SURVEY PLOTTED  
 SURVEY PLOTTED  
 NOTE BOOK NO. \_\_\_\_\_  
 AREAS CHECKED

BY \_\_\_\_\_ DATE \_\_\_\_\_



F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
573	116R-4	DEKALB	416	291

CONTRACT NO. 64517

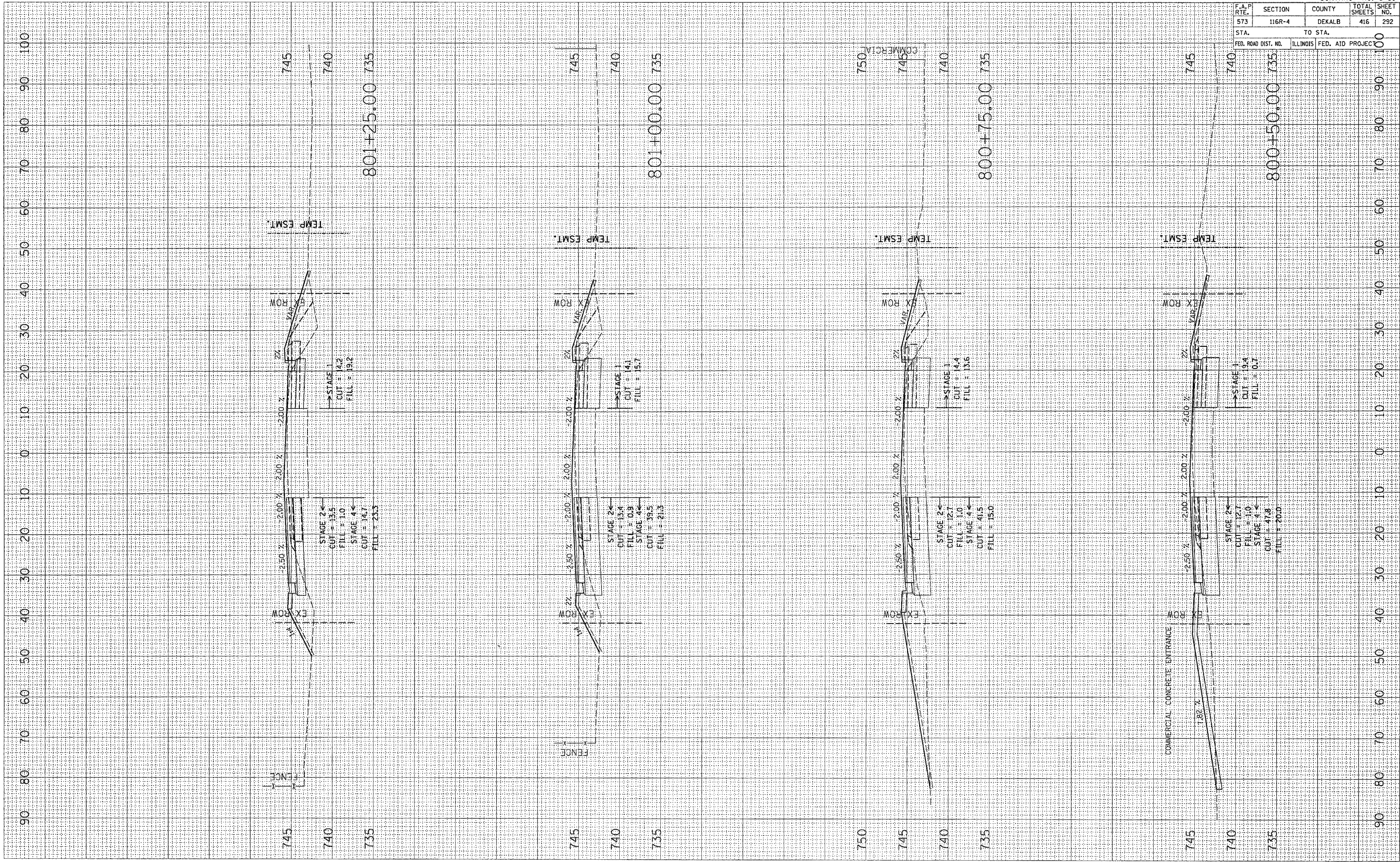
STA.	TO STA.
740	750

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

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 AREAS CHECKED AREAS CHECKED AREAS CHECKED

BY DATE  
 BY DATE  
 BY DATE



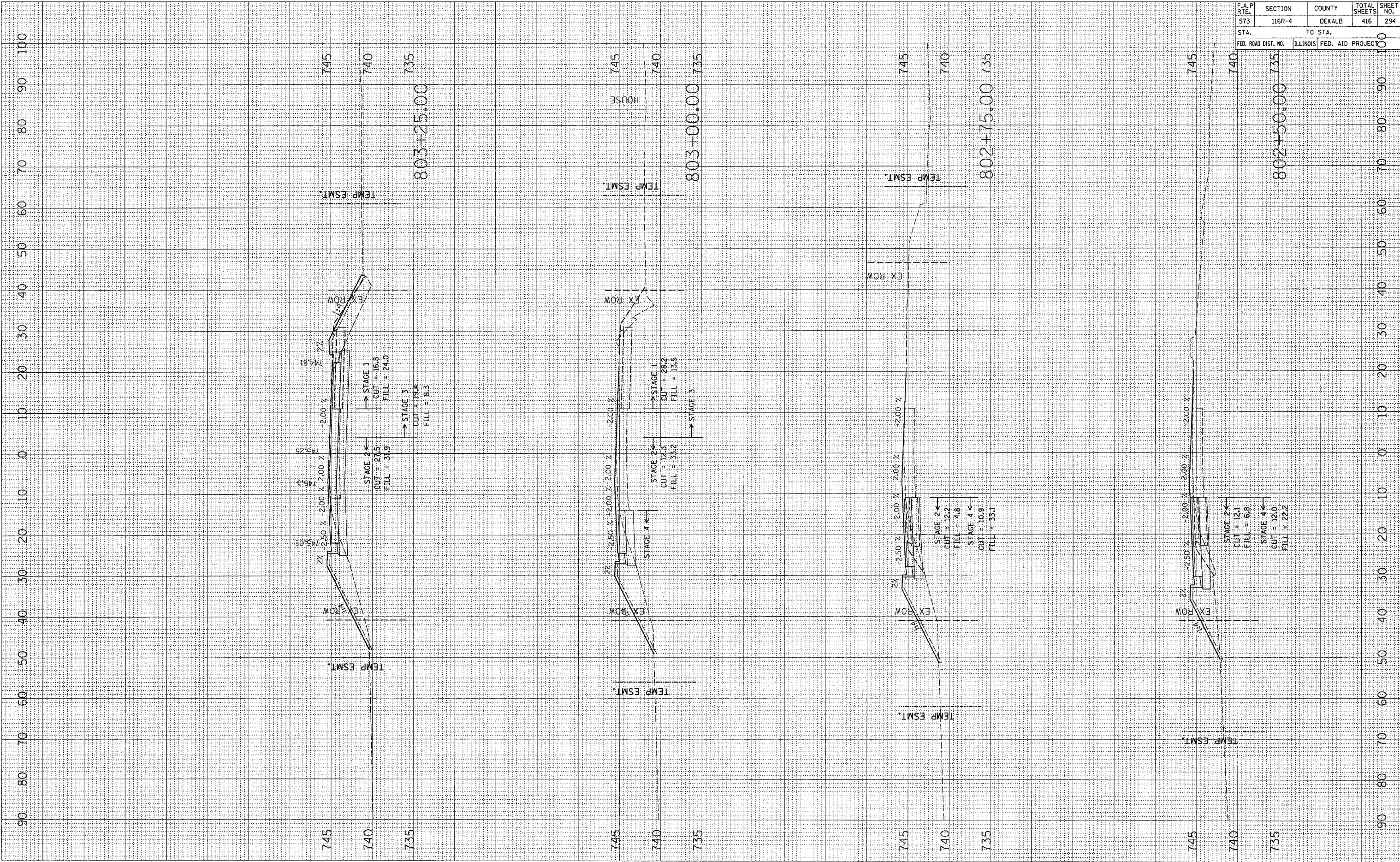
CONTRACT NO. 64517				
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
573	116R-4	DEKALB	416	292
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		



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



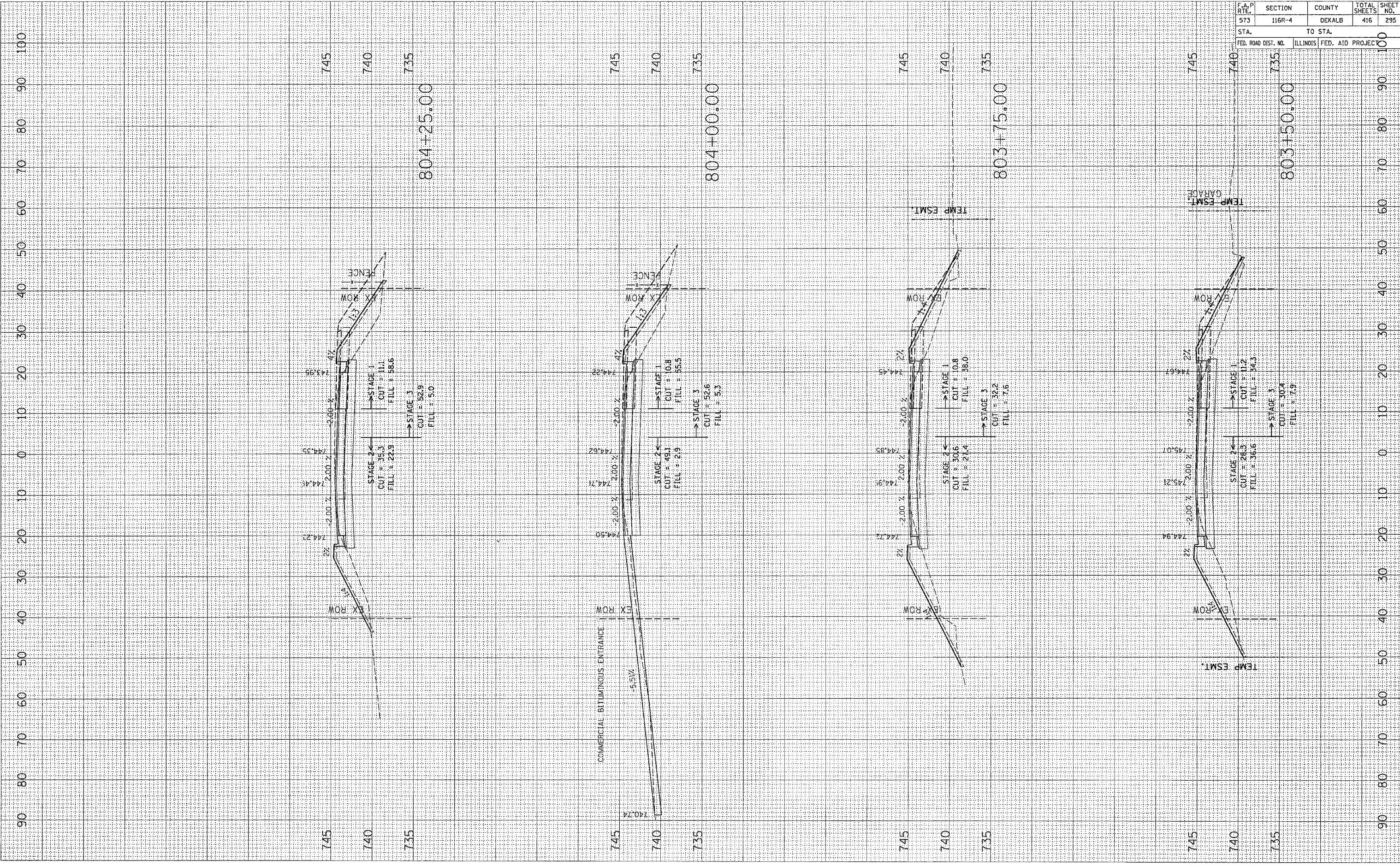
CONTRACT NO. 64517				
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
573	116R-4	DEKALB	416	294
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		



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

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



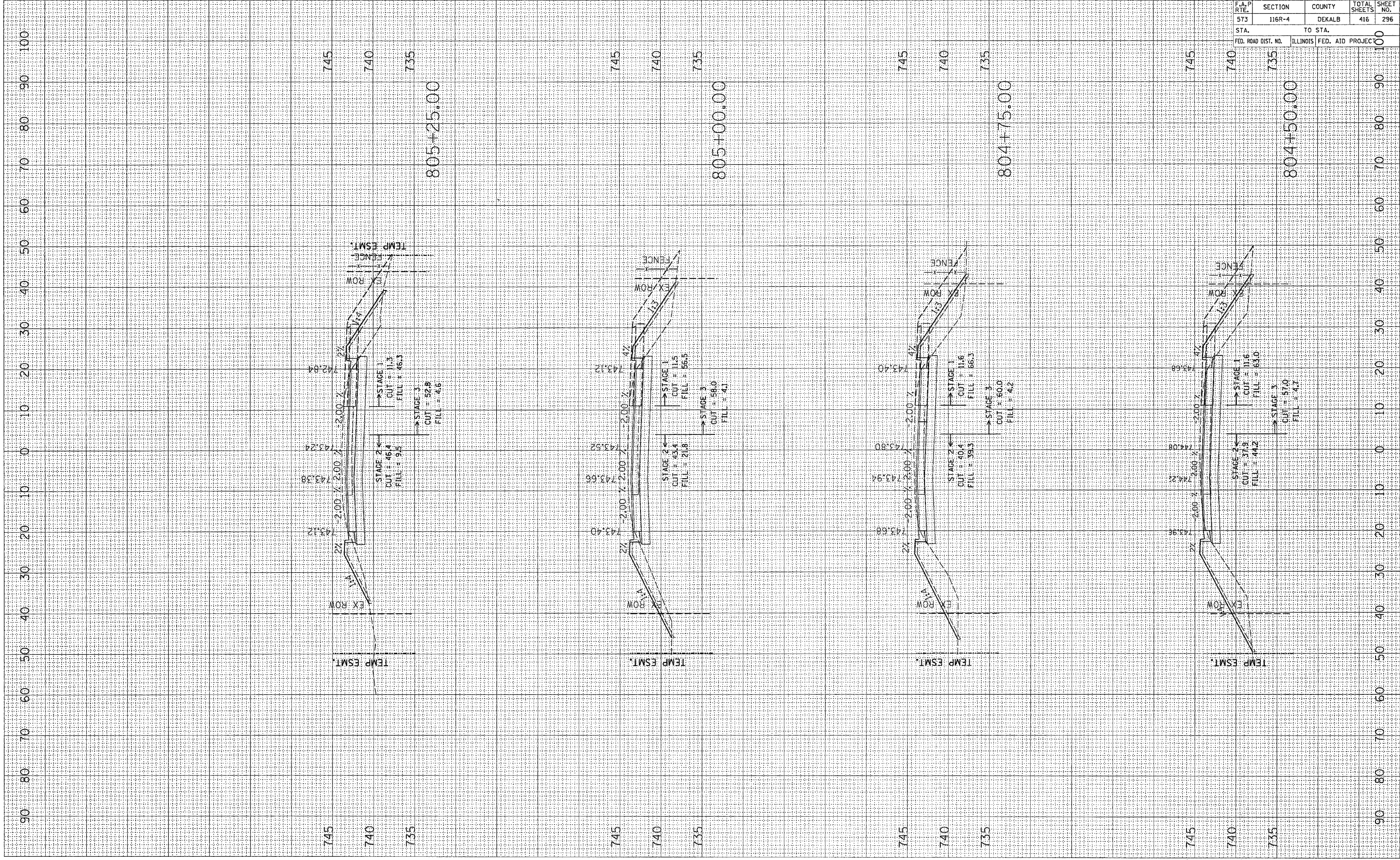
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573	116R-4	DEKALB	416	295
STA.		TO STA.		100
FED. ROAD DIST. NO.		ILLINOIS	FED. AID PROJEC	

PLOT DATE = Fri Sep 02 07:53:11 2005  
 PLOT SCALE = 1/4" = 1'-0"  
 USER NAME = jordanhd

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 SURVEY PLOTTED PLOTTED PLOTTED  
 NOTE BOOK TEMPLATE TEMPLATE TEMPLATE  
 NO. AREAS CHECKED AREAS CHECKED AREAS CHECKED

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

BY DATE



CONTRACT NO. 64517				
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
573	116R-4	DEKALB	416	296
STA. TO STA.		FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT		

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
573	116R-4	DEKALB	416	297
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJEC		

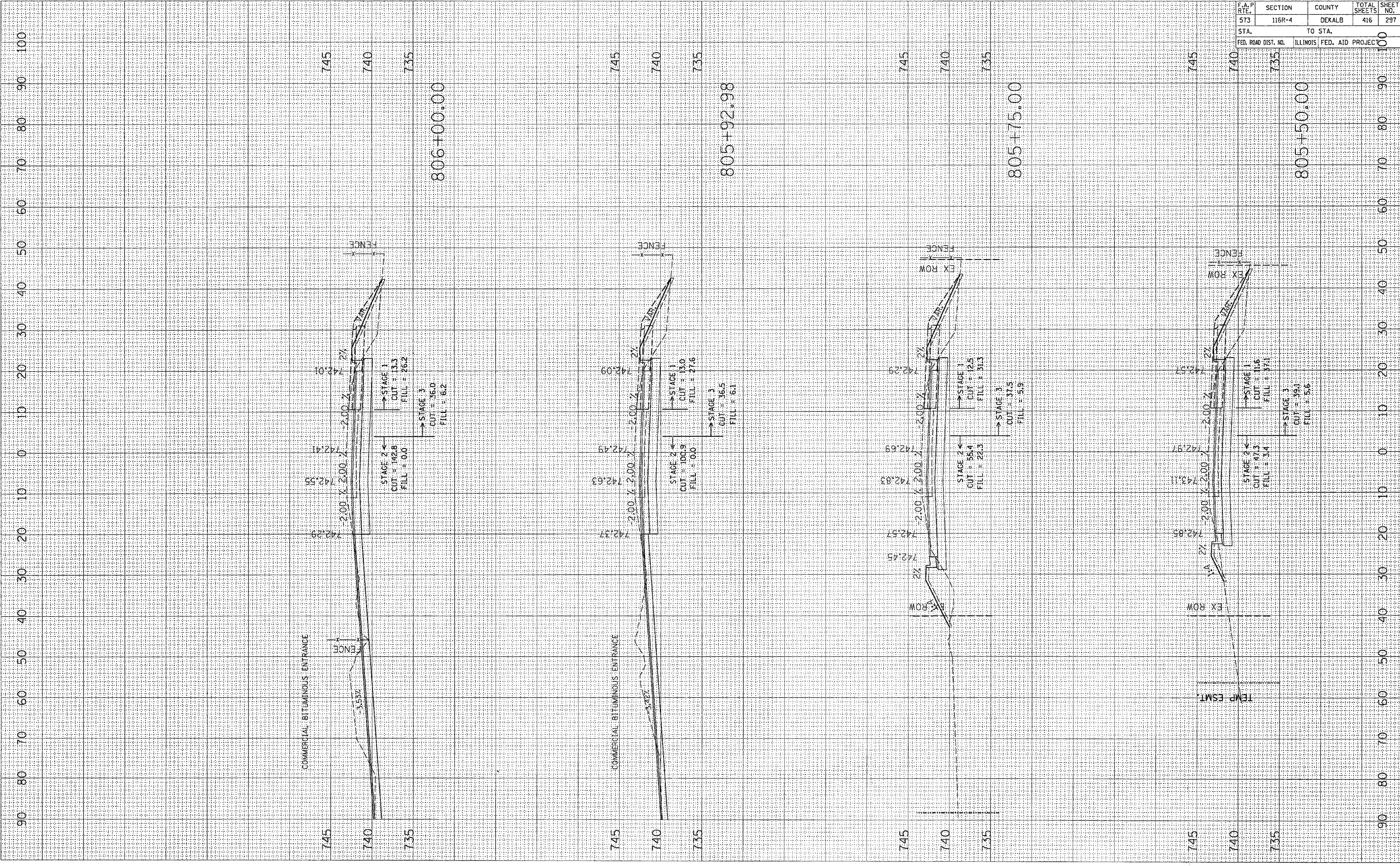
FINAL SURVEY NOTE BOOK NO.

DATE	BY

ORIGINAL SURVEY NOTE BOOK NO.

DATE	BY

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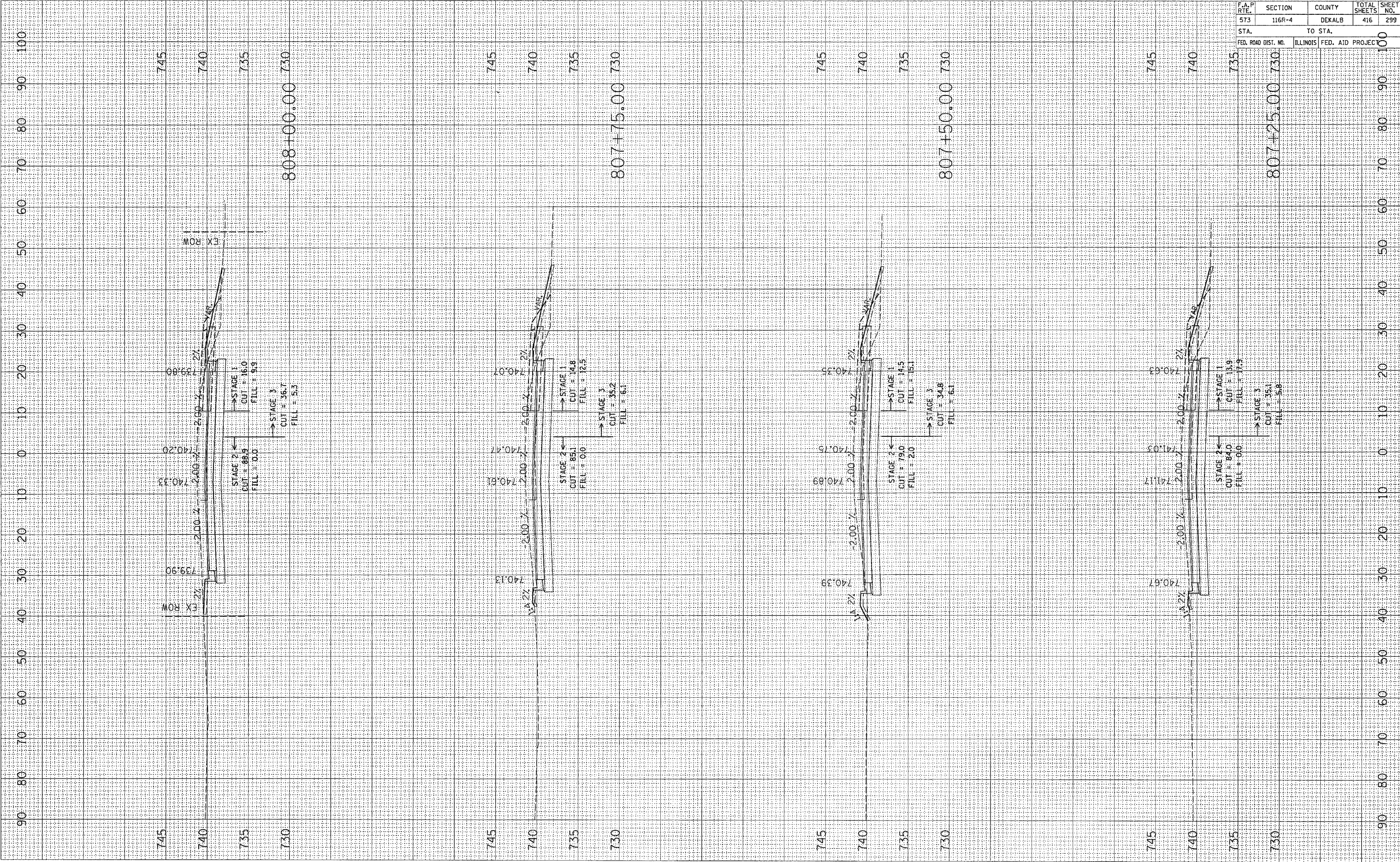


F.A. P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
573	116R-4	DEKALB	416	299
STA.		TO STA.		100
FED. ROAD DIST. NO.		ILLINOIS	FED. AID PROJ. EC.	

FINAL SURVEY	BY	DATE
SURVEYED		
NOTE BOOK		
NO.		

ORIGINAL SURVEY	BY	DATE
SURVEYED		
NOTE BOOK		
NO.		

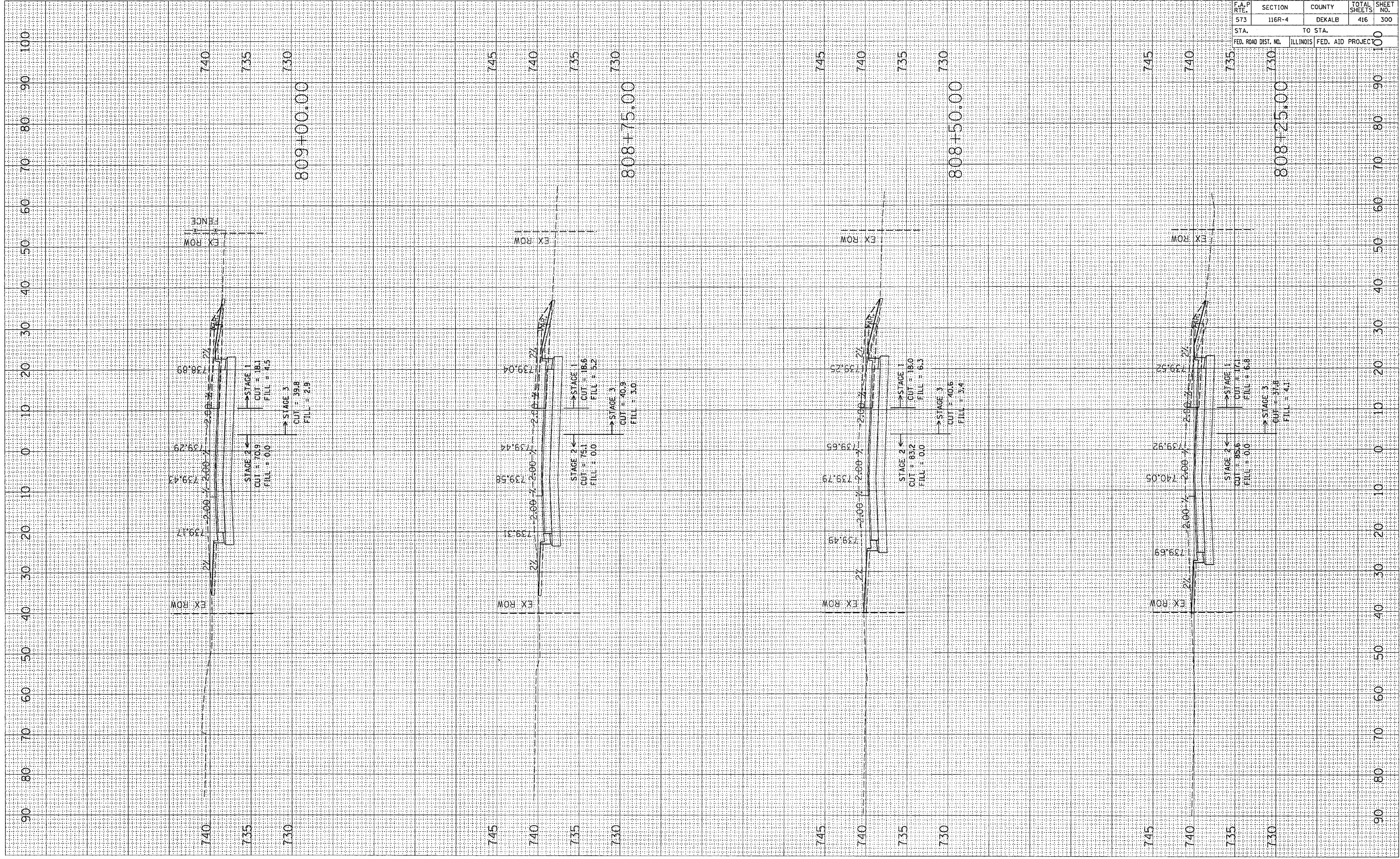
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 USER NAME = jrd



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 USER NAME : jrd

ORIGINAL SURVEY  
 SURVEYED  
 TEMPLATE  
 NOTE BOOK  
 AREAS CHECKED

BY  
 DATE  
 SURVEYED  
 TEMPLATE  
 NOTE BOOK  
 AREAS CHECKED



CONTRACT NO. 64517			
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS
573	116R-4	DEKALB	416
SHEET NO.		300	
STA.		TO STA.	
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJEC	