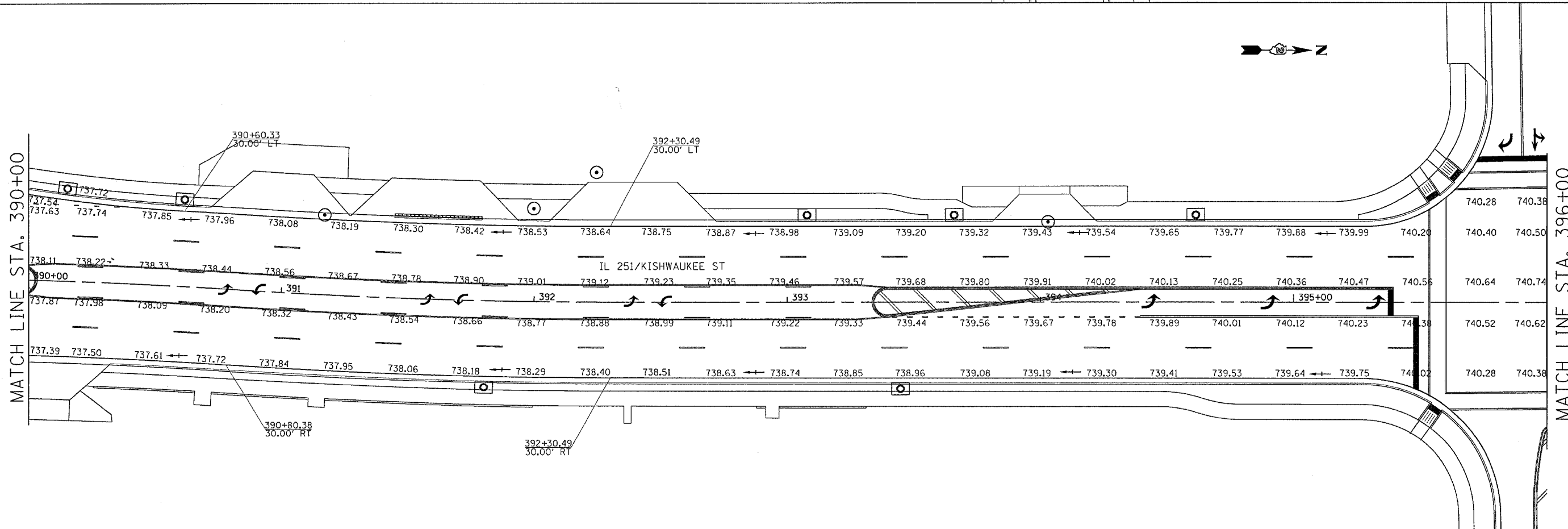
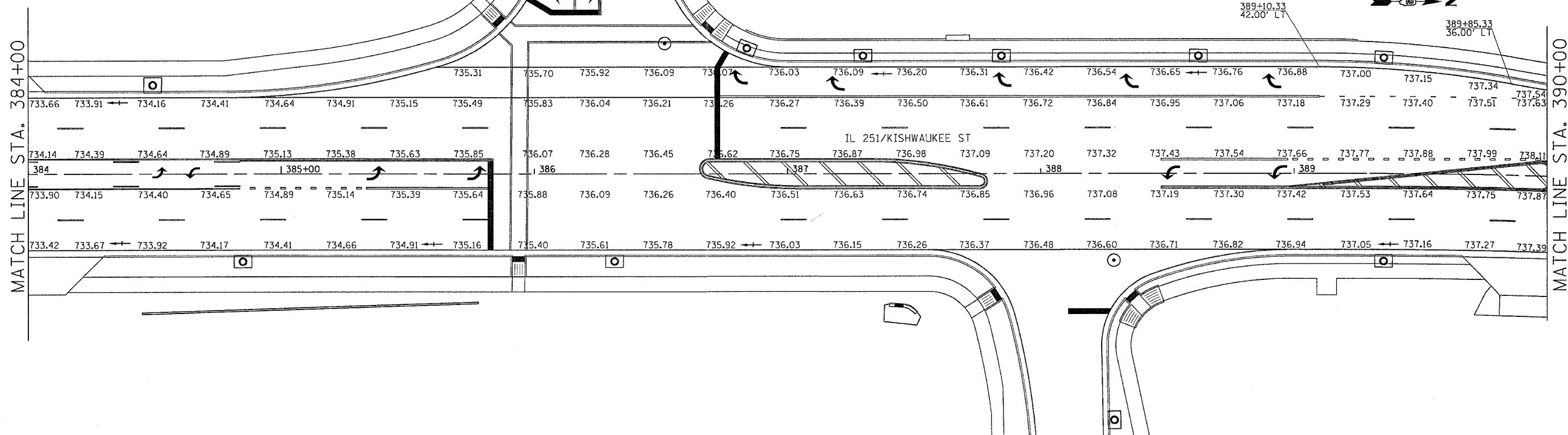


F.A.R. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
734	(4MFT)R	WINNEBAGO	353	201
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS	FED. AID PROJECT	

PAVEMENT ELEVATIONS



FILE NAME = #FILES
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 PLOT FOR =
 REF REF REF REF

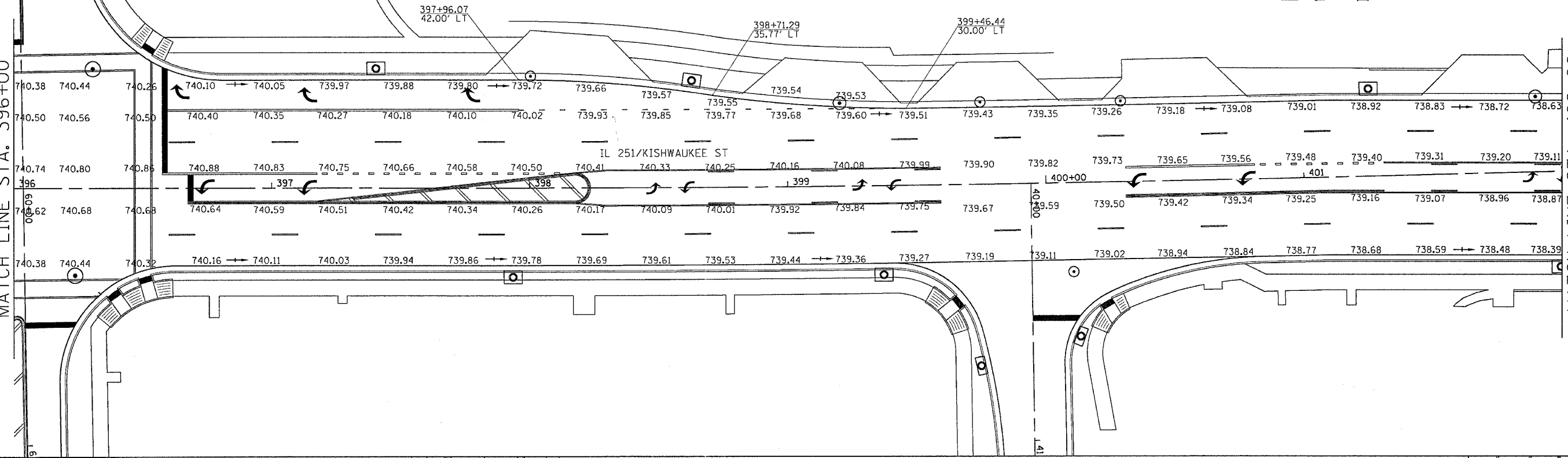
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
734	(4MFT)R	WINNEBAGO	353	202
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		

PAVEMENT ELEVATIONS



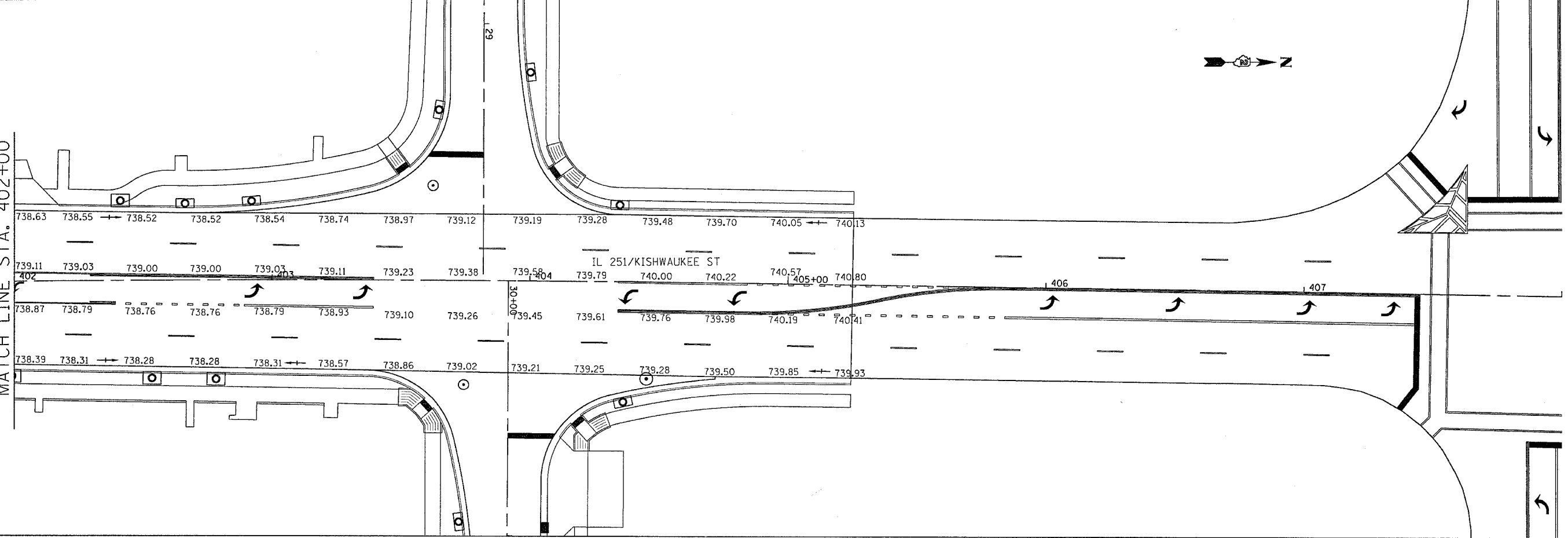
MATCH LINE STA. 396+00

MATCH LINE STA. 402+00



MATCH LINE STA. 402+00

MATCH LINE STA. 402+00

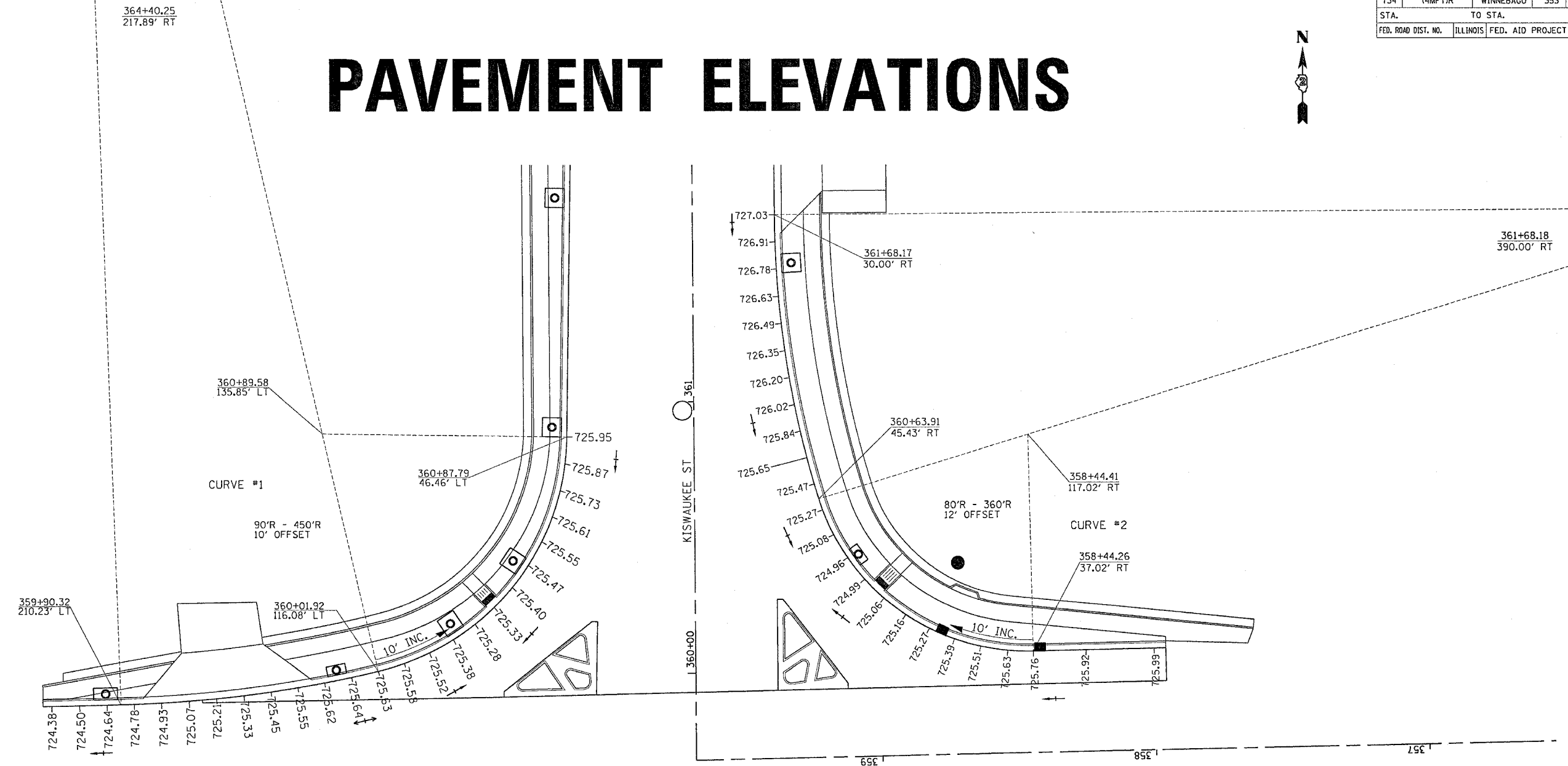


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 REF REF REF

F.A.R. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
734	(4MFT)R	WINNEBAGO	353	203
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS	FED. AID PROJECT	



PAVEMENT ELEVATIONS



FILE NAME = #FILES
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 REF REF REF REF

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION

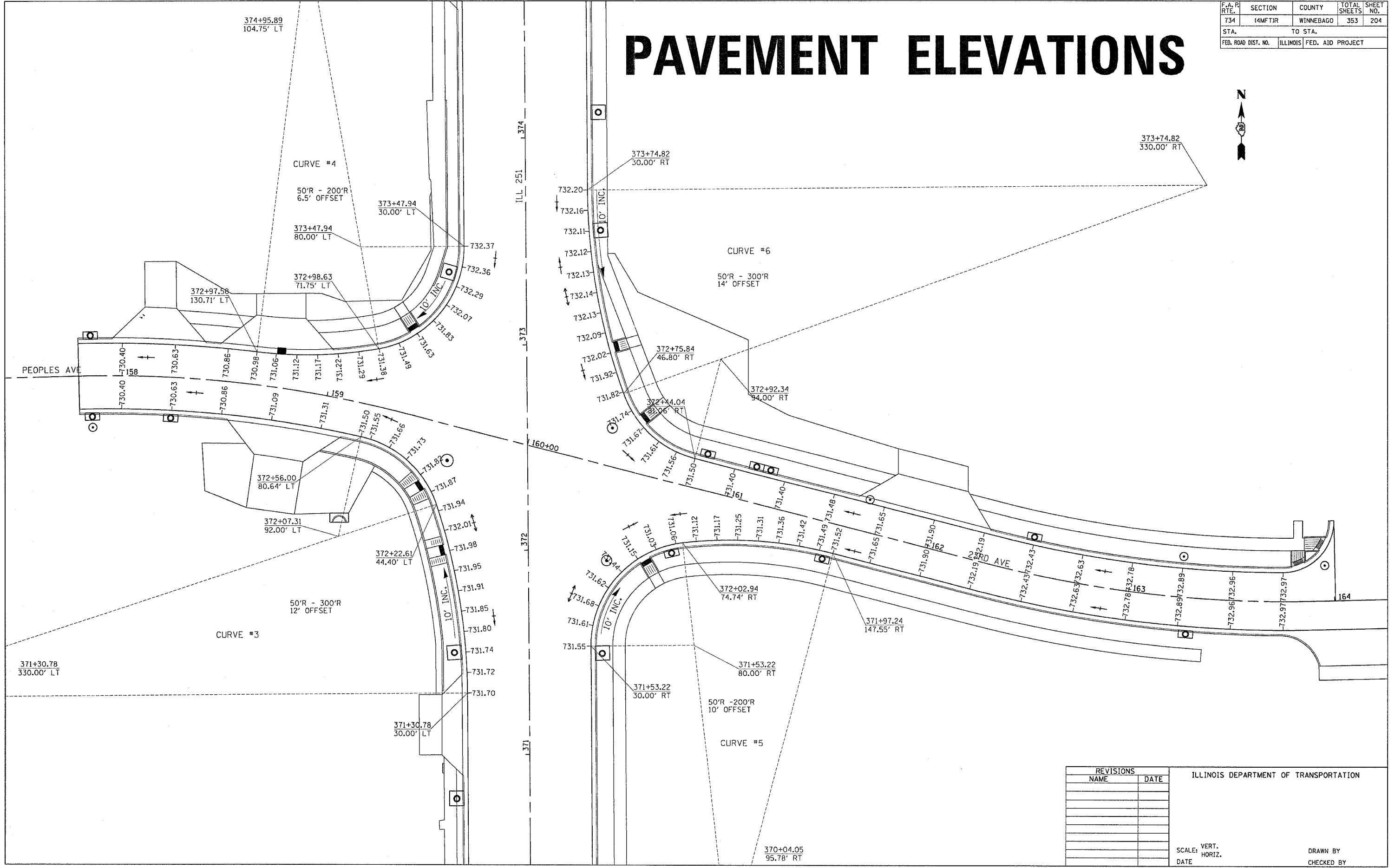
SCALE: VERT.
 HORIZ.
 DATE

DRAWN BY
 CHECKED BY

PAVEMENT ELEVATIONS

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
734	14MFTJR	WINNEBAGO	353	204
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		

PAVEMENT ELEVATIONS



FILE NAME: #FILES
 LEVELS: #LEVELS
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 REF: REF
 REF: REF
 REF: REF

REVISIONS	
NAME	DATE

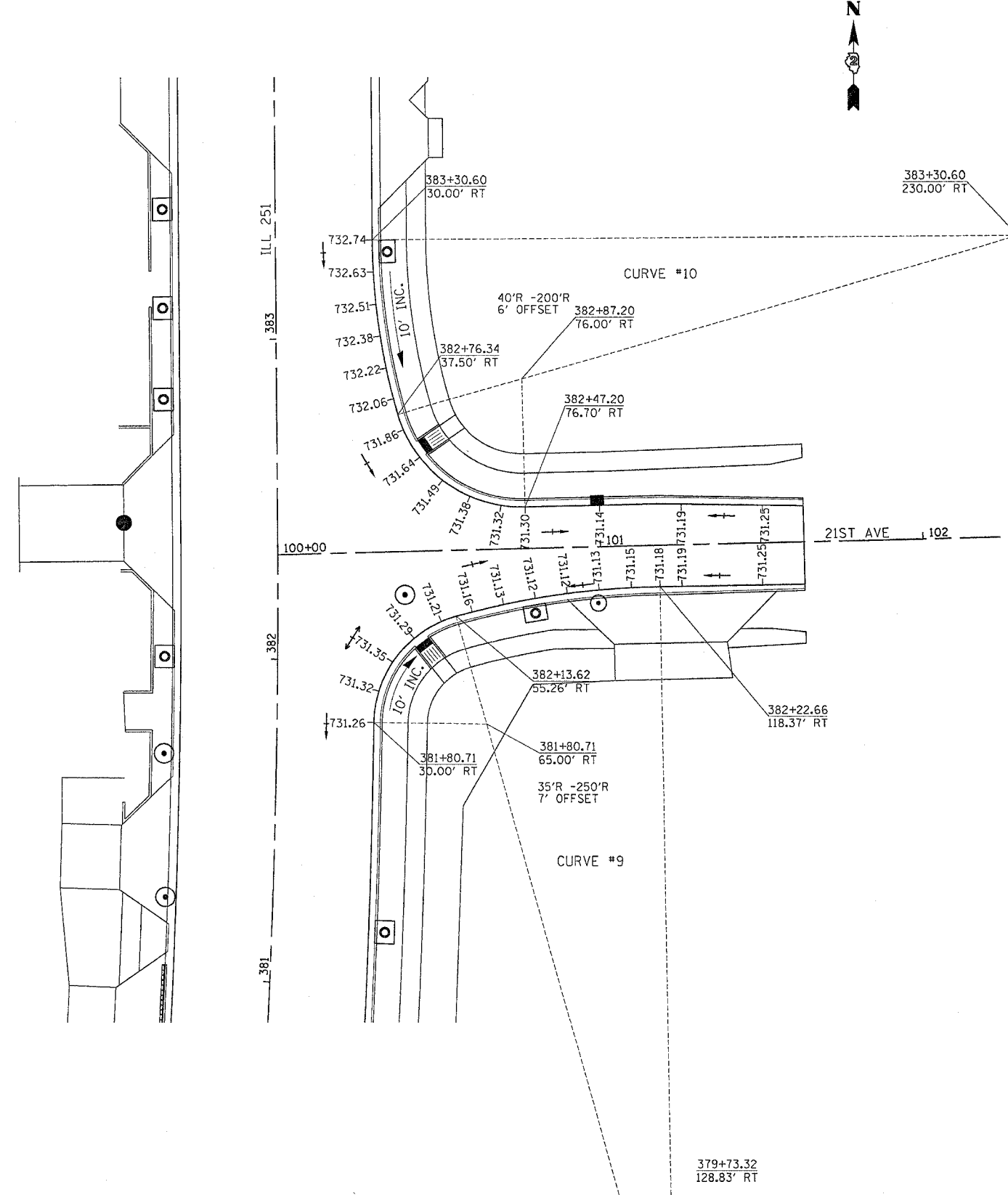
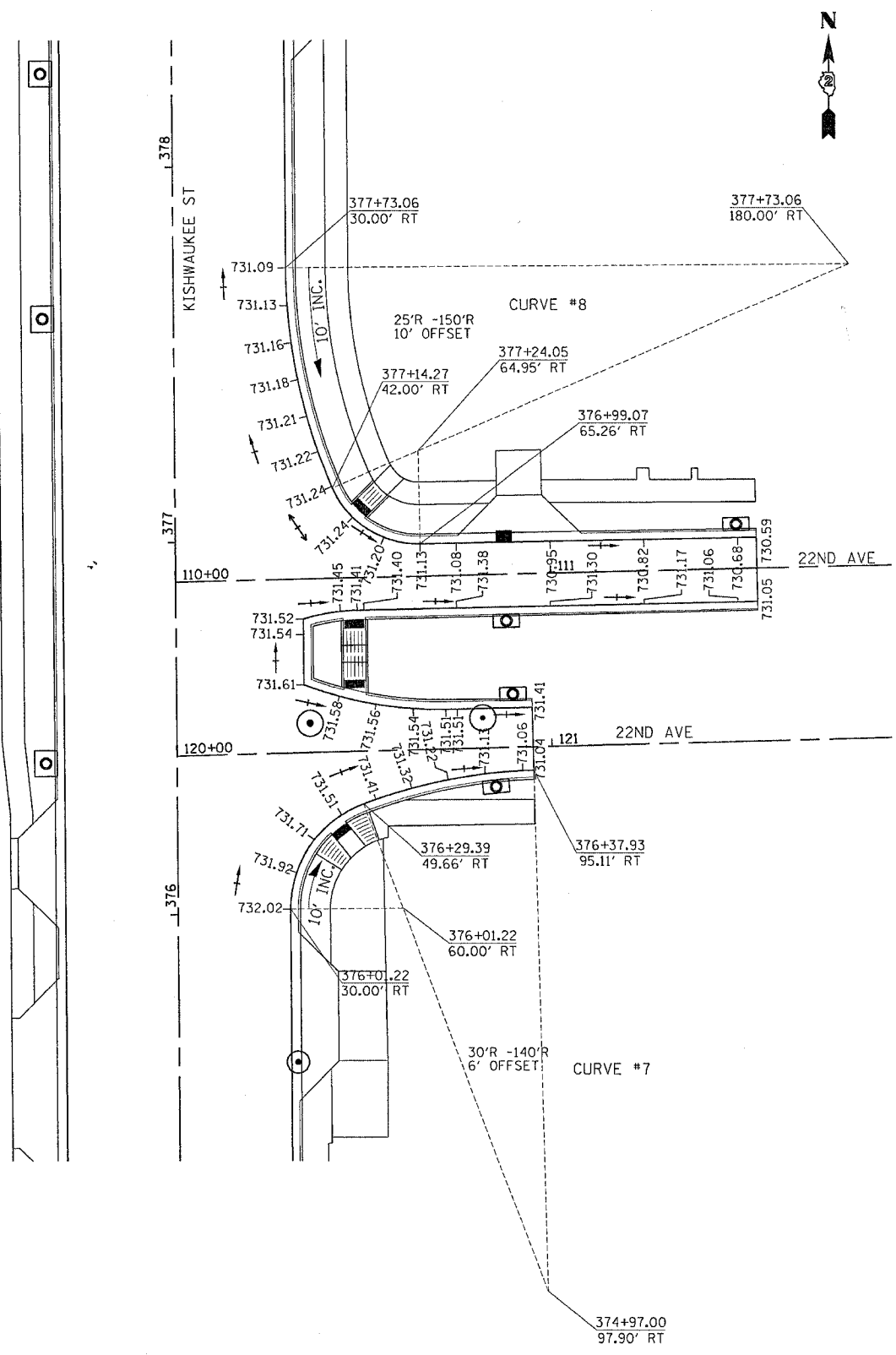
ILLINOIS DEPARTMENT OF TRANSPORTATION

SCALE: VERT. _____
 HORIZ. _____

DATE _____ DRAWN BY _____
 CHECKED BY _____

F.A.R. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
734	44MFT/R	WINNEBAGO	353	205
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		

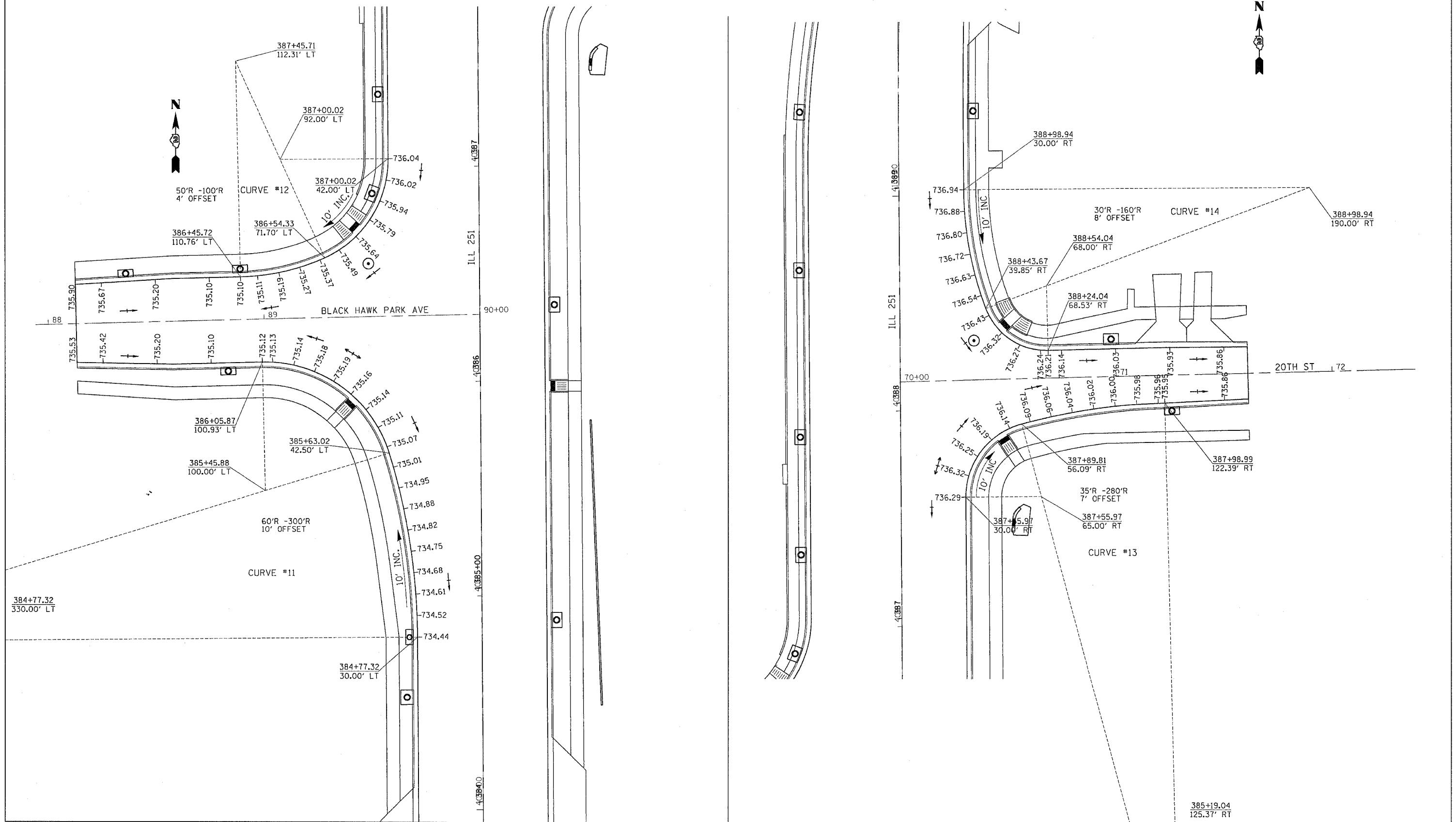
PAVEMENT ELEVATIONS



FILE NAME = #FILES
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 REF REF REF

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
734	(4MFT)R	WINNEBAGO	353	206
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS	FED. AID PROJECT	

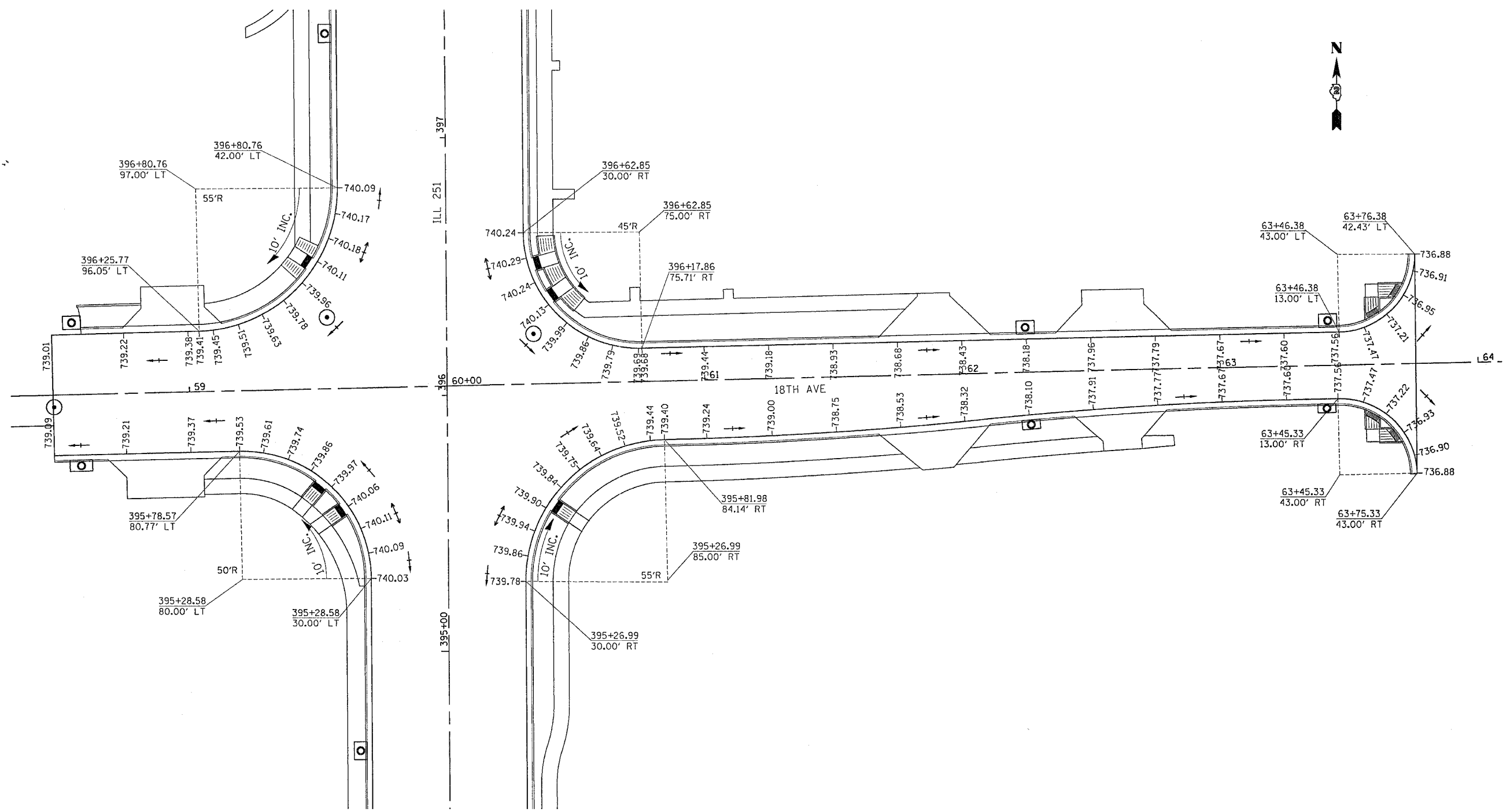
PAVEMENT ELEVATIONS



FILE NAME = ACTLES
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 OPERATOR = grantm
 REF REF REF

F.A. P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
734	(4MF)R	WINNEBAGO	353	207
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS	FED. AID PROJECT	

PAVEMENT ELEVATIONS



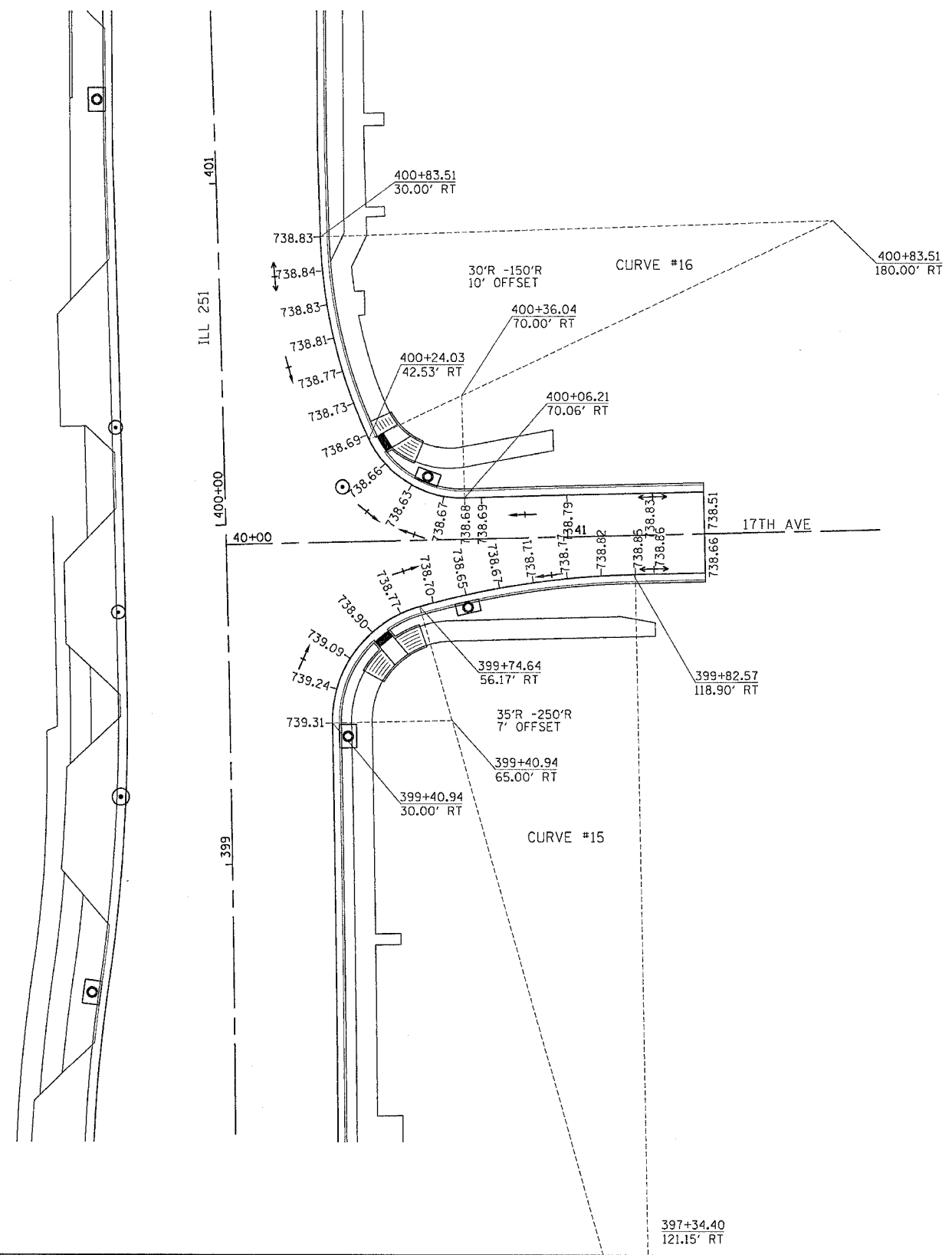
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 REF :
 REF :
 REF :

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

DRAWN BY
CHECKED BY

F.A. PROJECT NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
734	(4MFT)R	WINNEBAGO	353	208
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS	FED. AID PROJECT	

PAVEMENT ELEVATIONS



REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION

SCALE: VERT. HORIZ. DATE

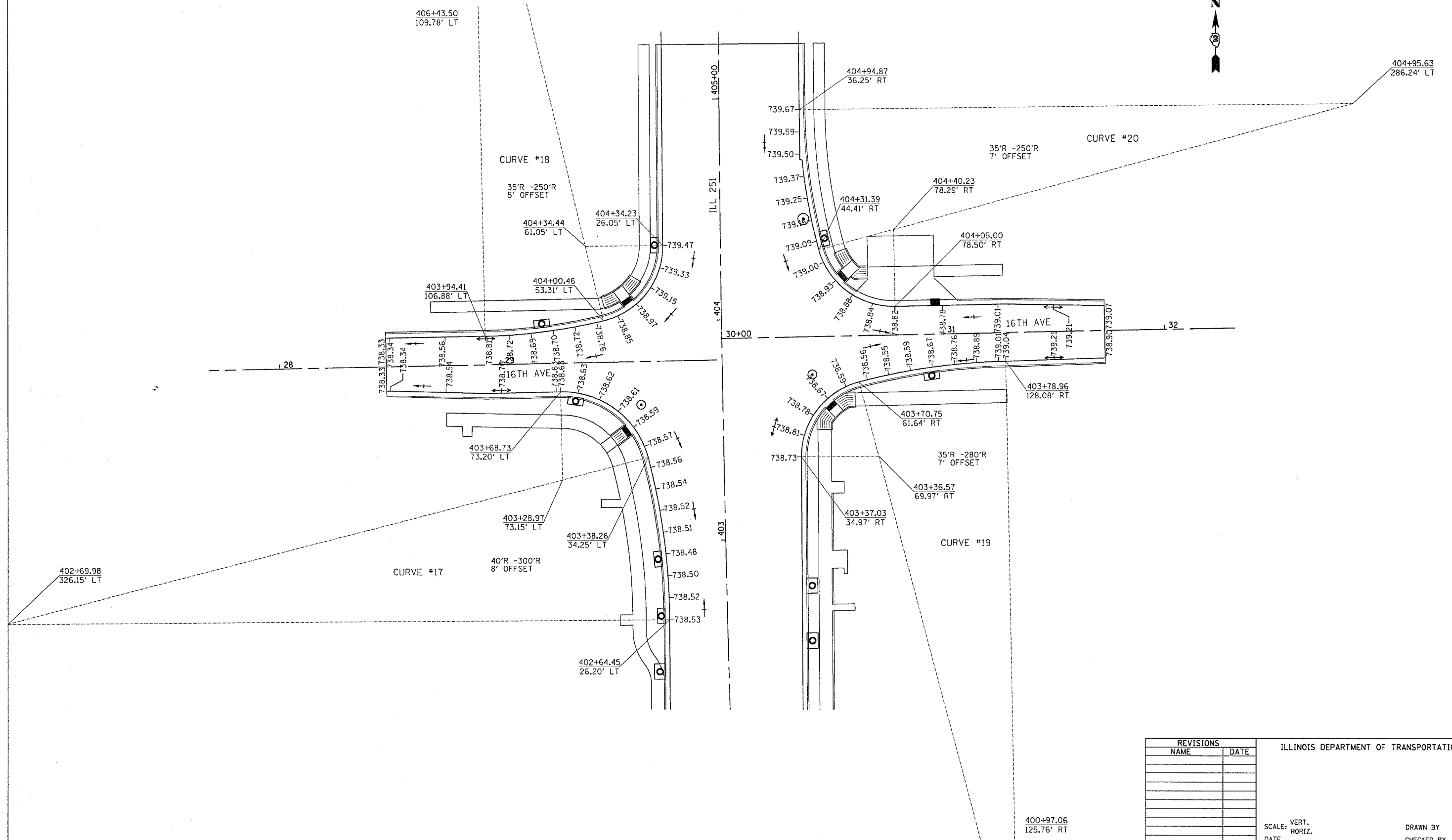
DRAWN BY CHECKED BY

PAVEMENT ELEVATIONS

FILE NAME **FILES
 LEVELS **LEVELS*
 PLOT SCALE **PLOTSCALE*
 DATE **DATE*
 OPERATOR **OPERATOR*
 REF REF
 REF REF

F.A.R. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
734	(4MFT)R	WINNEBAGO	353	209
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		

PAVEMENT ELEVATIONS



FILE NAME : #FILES
 LEVELS : #LEVELS
 PLOT DATE : #PLOTS/SCALE
 OPERATOR : #OPERATOR
 REF : #REF
 REF : #REF

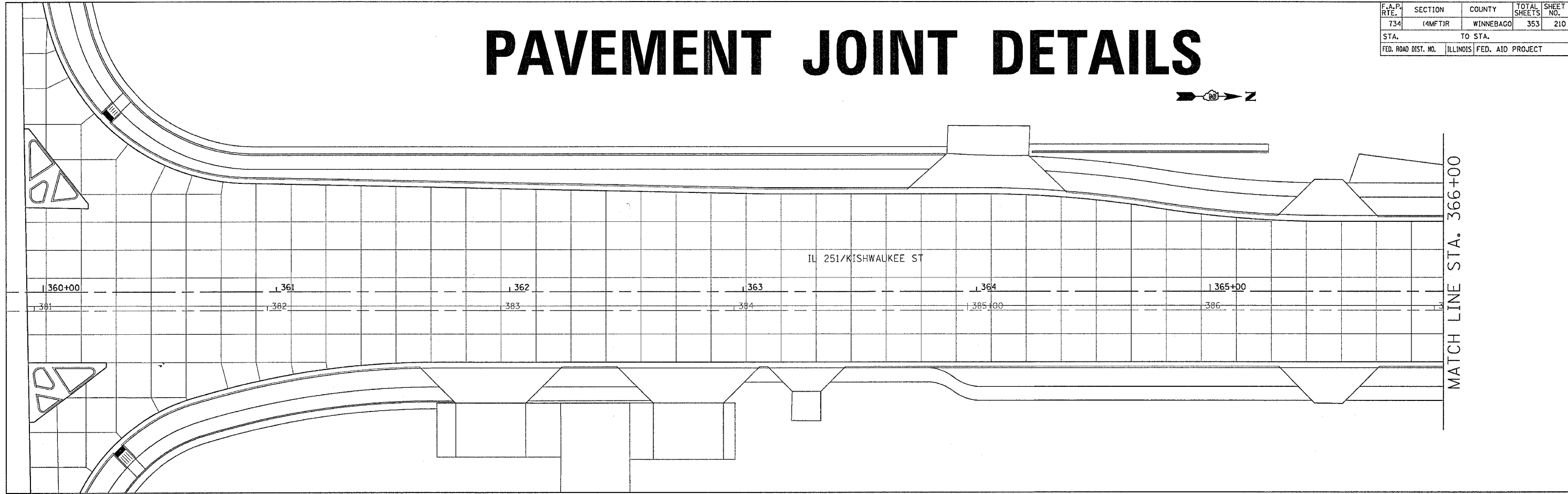
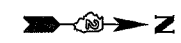
REVISIONS		ILLINOIS DEPARTMENT OF TRANSPORTATION
NAME	DATE	
		SCALE: VERT. _____ HORIZ. _____ DATE _____

PAVEMENT ELEVATIONS

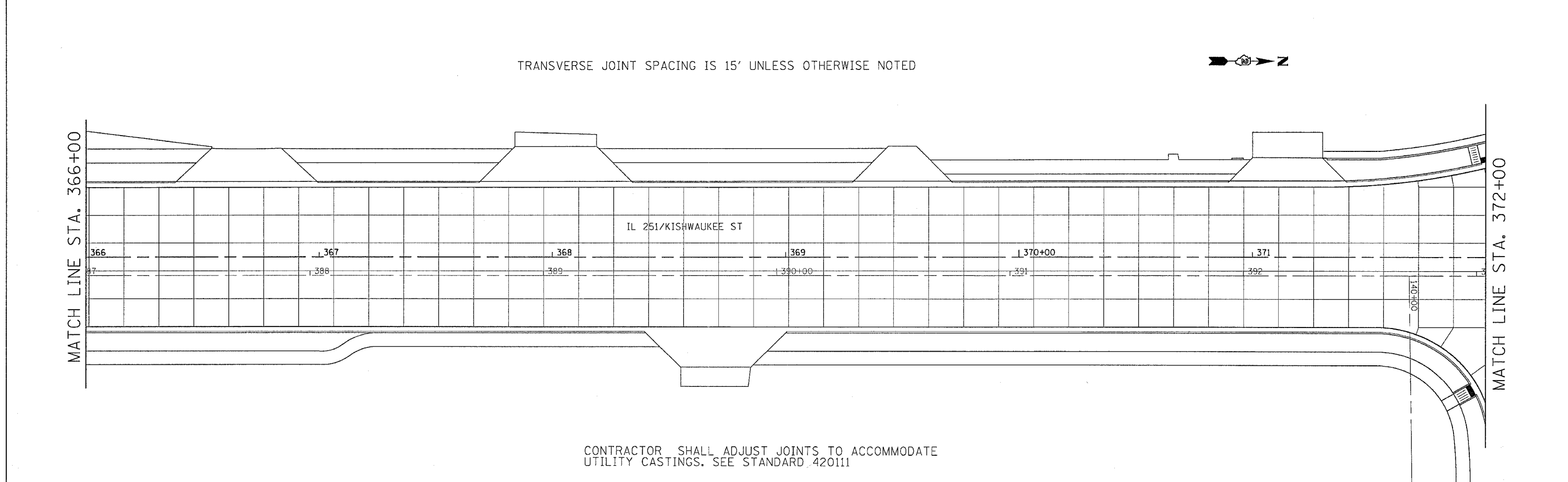
DRAWN BY _____
 CHECKED BY _____

CONTRACT NO.		CONTRACT NO. 64450	
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS
734	(4MFT)R	WINNEBAGO	353
STA.		TO STA.	
FED. ROAD DIST. NO.		ILLINOIS	FED. AID PROJECT

PAVEMENT JOINT DETAILS



TRANSVERSE JOINT SPACING IS 15' UNLESS OTHERWISE NOTED

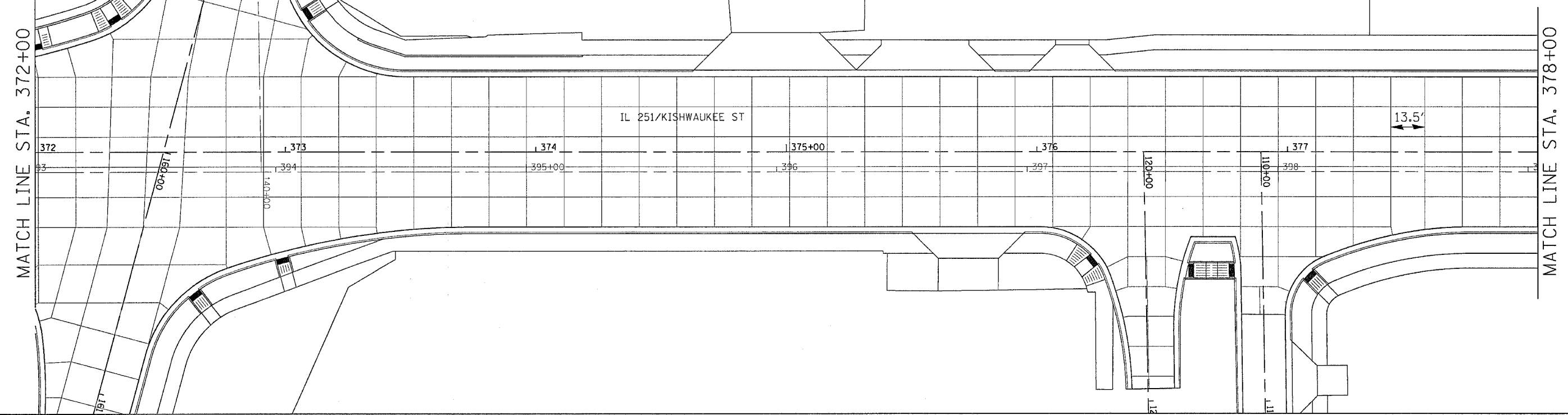


CONTRACTOR SHALL ADJUST JOINTS TO ACCOMMODATE UTILITY CASTINGS. SEE STANDARD 420111

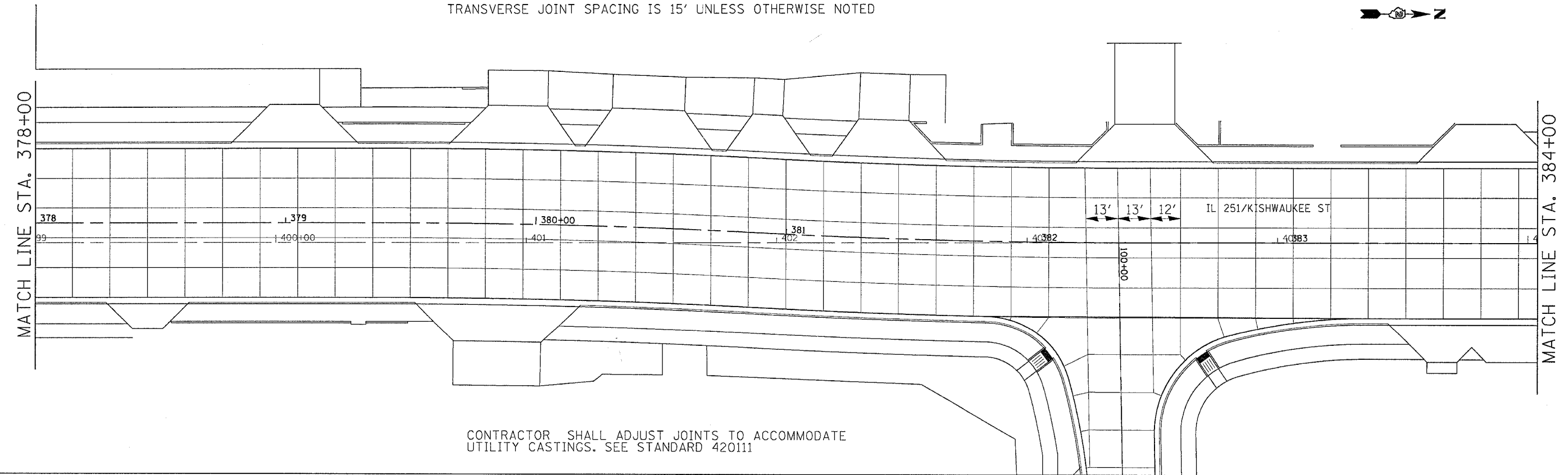
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 SCALE = #SCALE
 PLOT DATE = #PLOT DATE
 OPERATOR = #OPERATOR
 REF REF REF

CONTRACT NO.		CONTRACT NO. 64450	
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS
734	4MFT/R	WINNEBAGO	353
STA.		TO STA.	
FED. ROAD DIST. NO.		ILLINOIS	FED. AID PROJECT

PAVEMENT JOINT DETAILS



TRANSVERSE JOINT SPACING IS 15' UNLESS OTHERWISE NOTED



CONTRACTOR SHALL ADJUST JOINTS TO ACCOMMODATE UTILITY CASTINGS. SEE STANDARD 420111

FILE NAME = #FILES
 PLOT SCALE = #PLOTS/SCALE
 PLOT DATE = Fri, Apr 27 09:41:44 2007
 OPERATOR = gromm
 REF REF
 REF REF

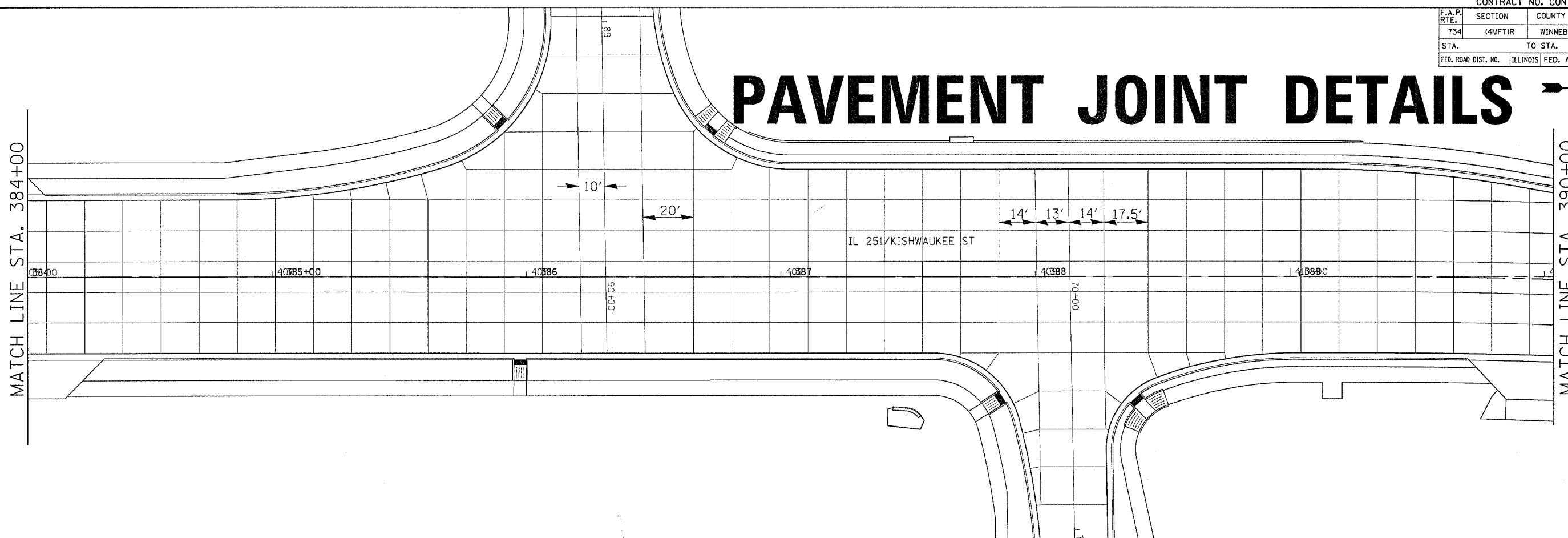
CONTRACT NO. 64450			
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS
734	4MFT/R	WINNEBAGO	353
STA.		TO STA.	
FED. ROAD DIST. NO.		FED. AID PROJECT	

PAVEMENT JOINT DETAILS



MATCH LINE STA. 384+00

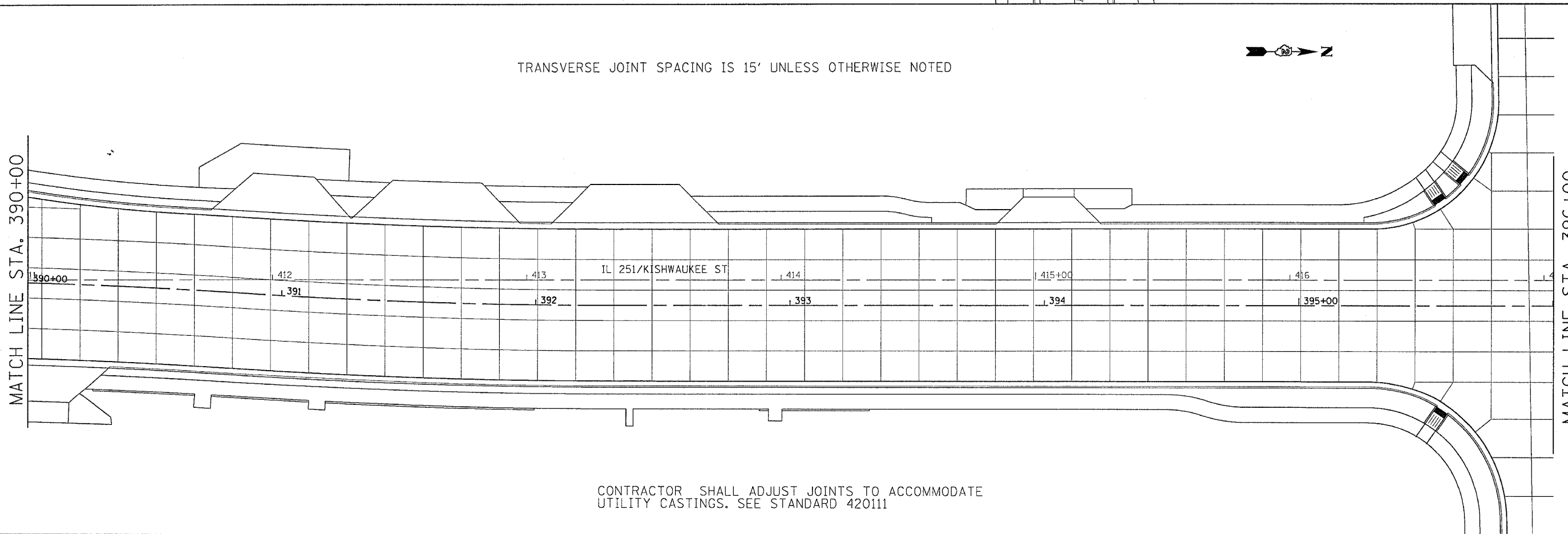
MATCH LINE STA. 390+00



TRANSVERSE JOINT SPACING IS 15' UNLESS OTHERWISE NOTED

MATCH LINE STA. 390+00

MATCH LINE STA. 396+00

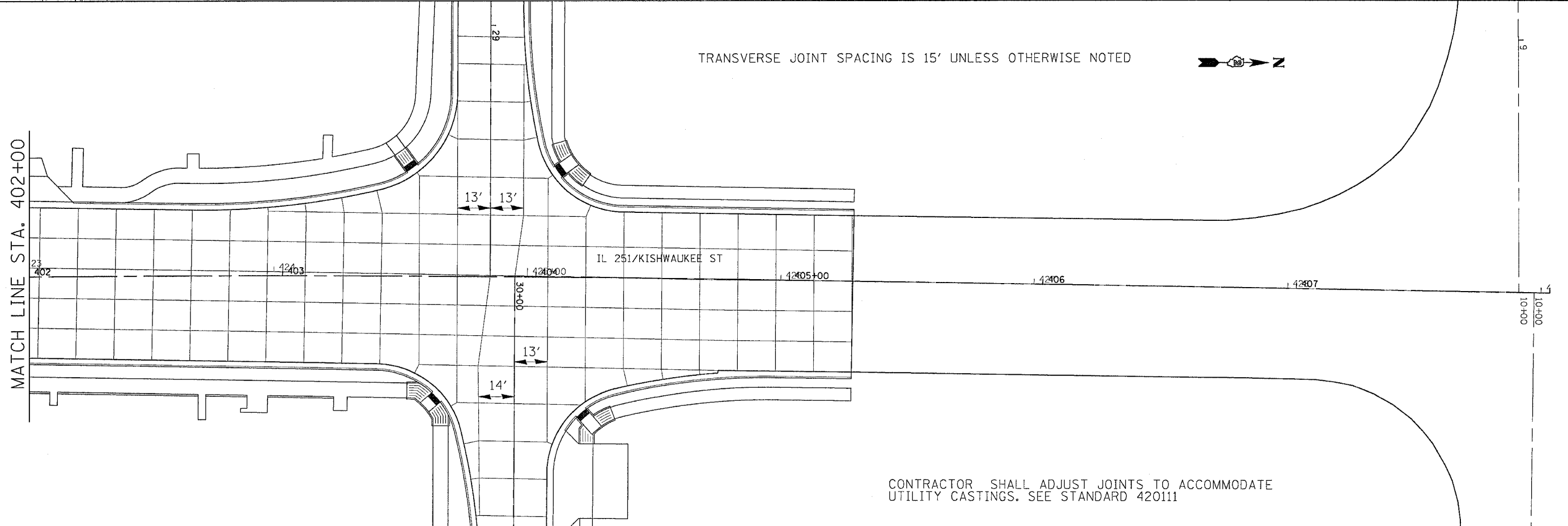
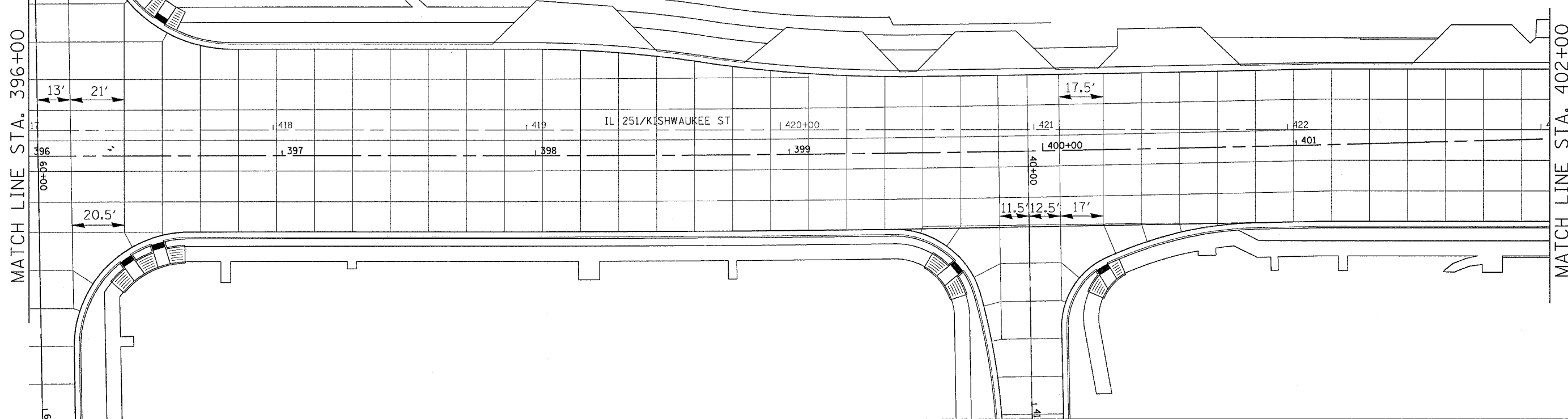
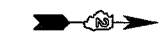


CONTRACTOR SHALL ADJUST JOINTS TO ACCOMMODATE UTILITY CASTINGS. SEE STANDARD 420111

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 PLOT SCALE = #PLOTS/SCALE
 PLOT DATE = Fri, Apr 27 09:41:45 2007
 OPERATOR = grantem
 REF REF
 REF REF

F.A.R. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
734	(4MFT)R	WINNEBAGO	353	213
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		

PAVEMENT JOINT DETAILS

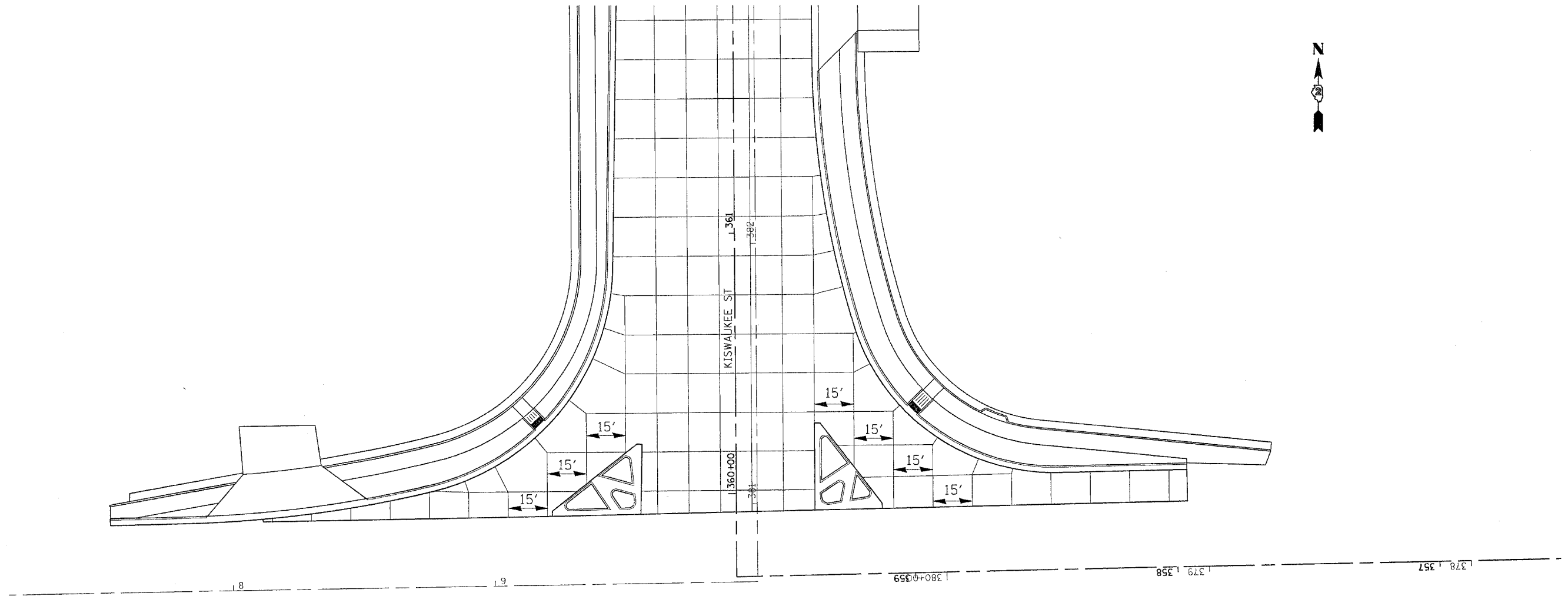


CONTRACTOR SHALL ADJUST JOINTS TO ACCOMMODATE UTILITY CASTINGS. SEE STANDARD 420111

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 LEVELS = #LEVELS
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 PLOT DATE = Fri Apr 27 09:41:47 2007
 PLOTTER =
 REF REF REF

F.A. PR RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
734	(4MFT)R	WINNEBAGO	353	214
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS	FED. AID PROJECT	

PAVEMENT JOINT DETAILS



TRANSVERSE JOINT SPACING IS 15' UNLESS OTHERWISE NOTED

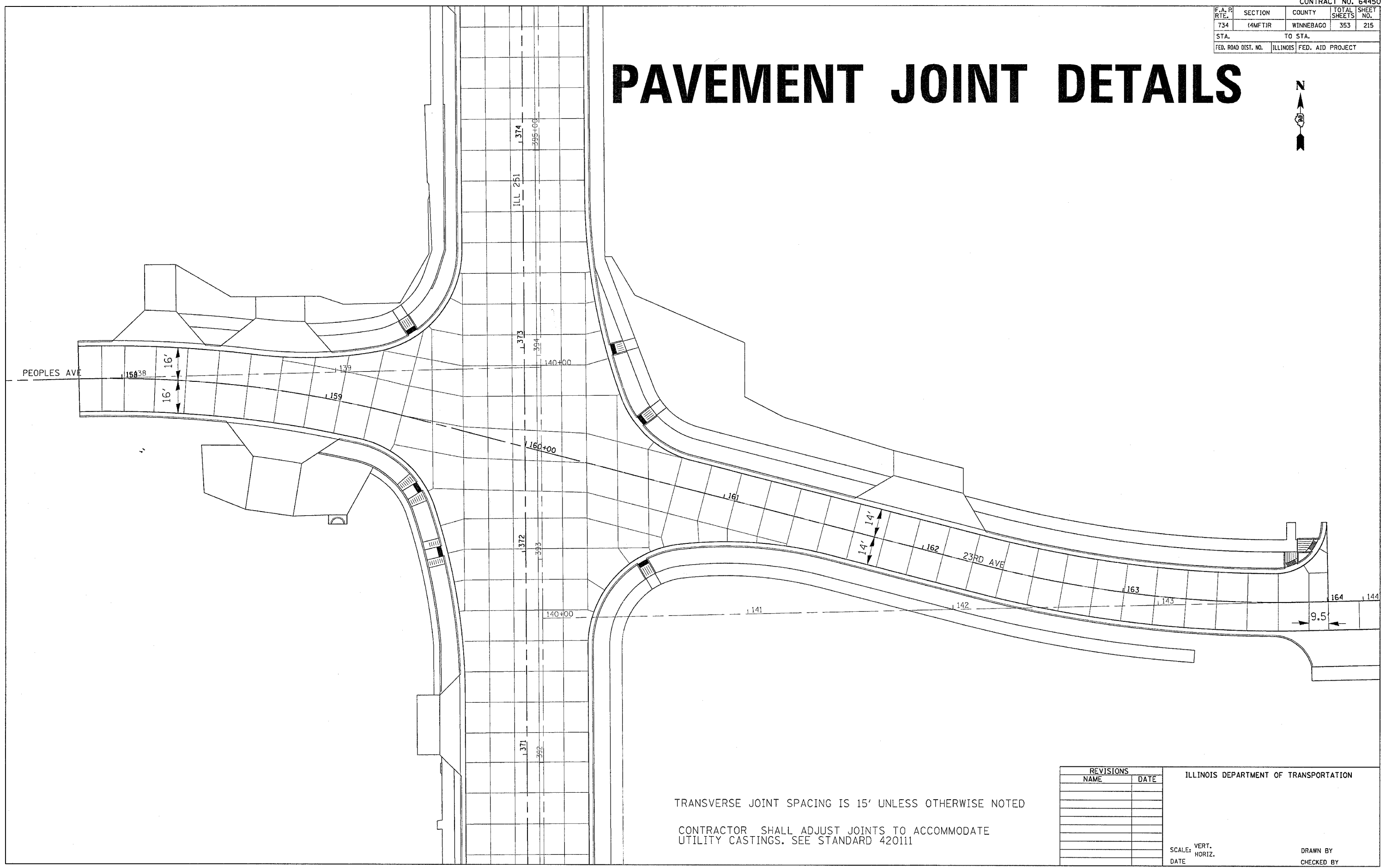
CONTRACTOR SHALL ADJUST JOINTS TO ACCOMMODATE
UTILITY CASTINGS. SEE STANDARD 420111

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

FILE NAME * REVISED
LEVELS * REVISED
PLOT SCALE * PLOTS CALES
PLOT DATE * Fri, Apr 27 09:41:48 2007
OPERATOR * gromm
REF
REF
REF

F.A. P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
734	14MFT1R	WINNEBAGO	353	215
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS	FED. AID PROJECT	

PAVEMENT JOINT DETAILS



TRANSVERSE JOINT SPACING IS 15' UNLESS OTHERWISE NOTED

CONTRACTOR SHALL ADJUST JOINTS TO ACCOMMODATE UTILITY CASTINGS. SEE STANDARD 420111

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION

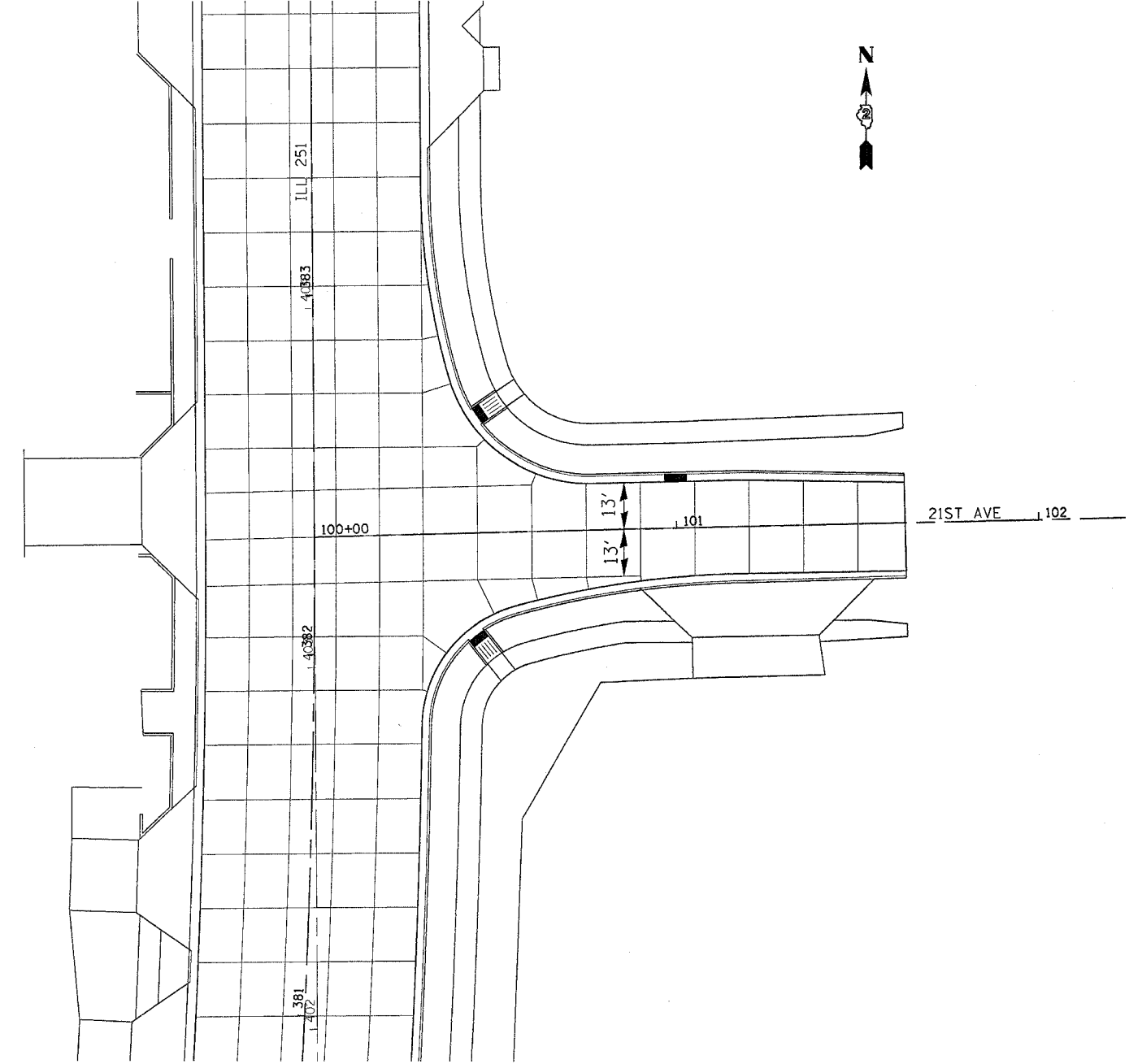
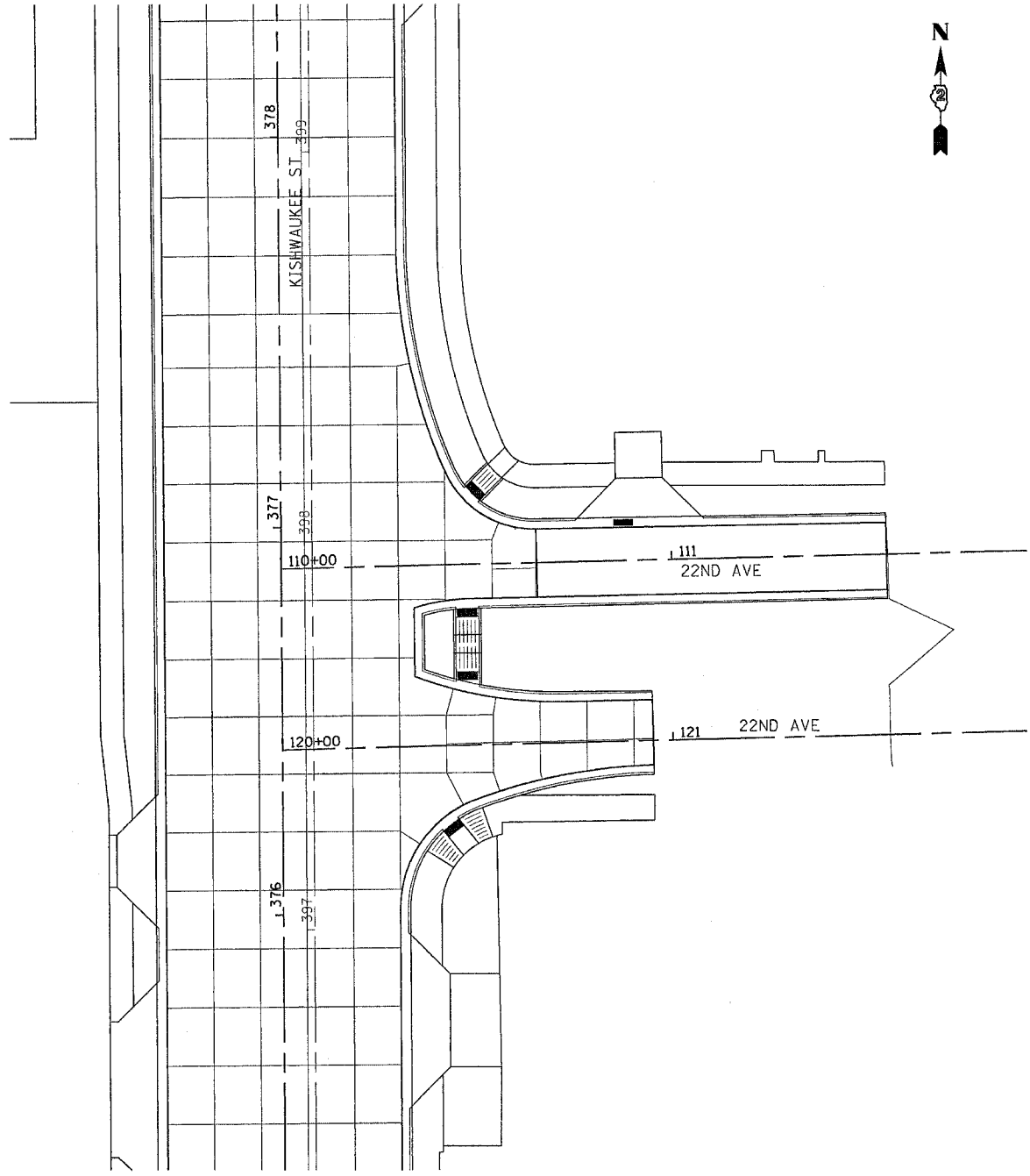
SCALE: VERT.
HORIZ.
DATE

DRAWN BY
CHECKED BY

FILE NAME = #FILE#
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DATE = #DATE#
OPERATOR = #OPERATOR#
REF
REF
REF

F.A. PR RT.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
734	(4MFT)R	WINNEBAGO	353	216
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS	FED. AID PROJECT	

PAVEMENT JOINT DETAILS



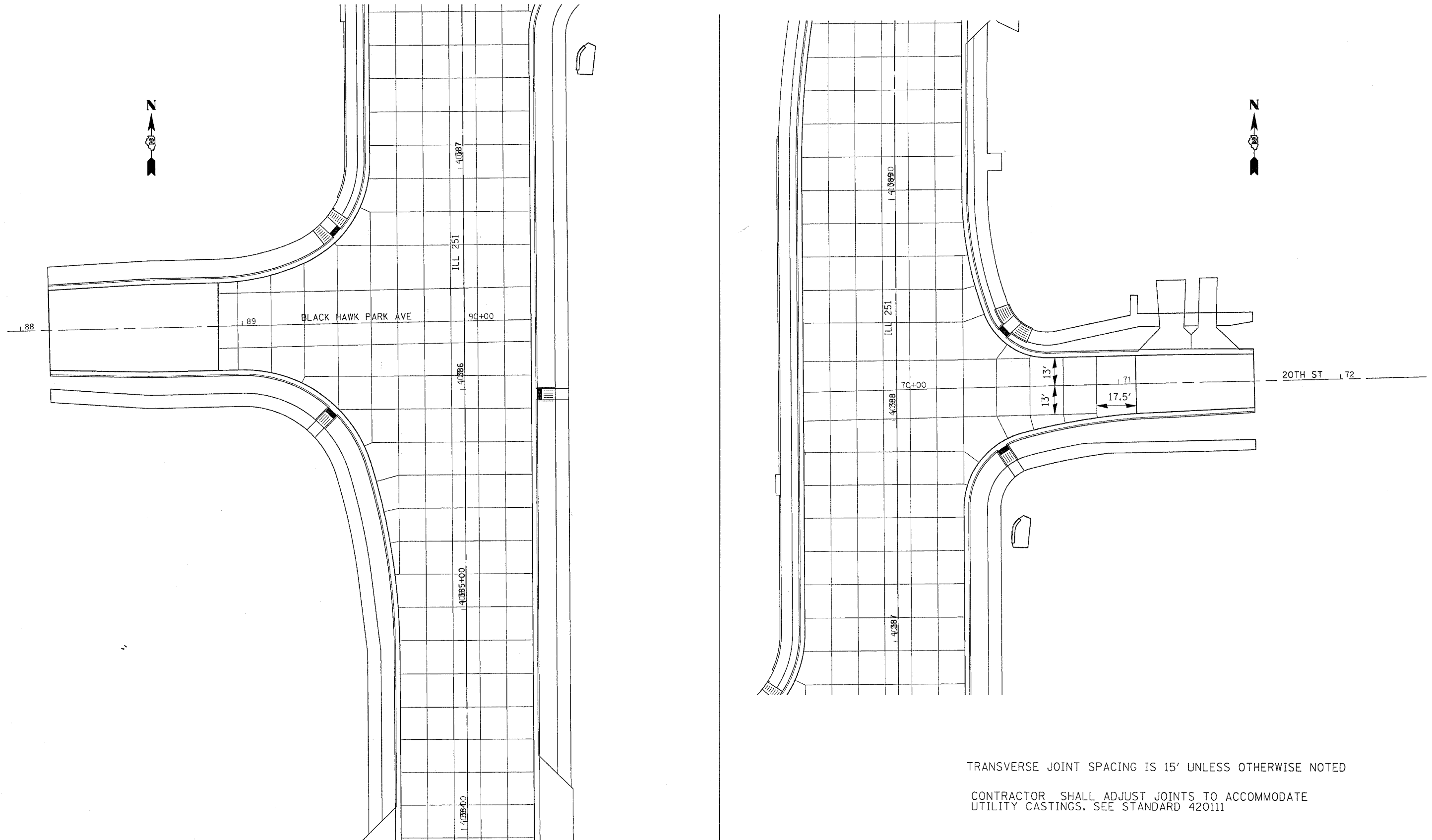
TRANSVERSE JOINT SPACING IS 15' UNLESS OTHERWISE NOTED

CONTRACTOR SHALL ADJUST JOINTS TO ACCOMMODATE UTILITY CASTINGS. SEE STANDARD 420111

FILE NAME = #FILES
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 PLOT DATE = Fr, Apr 27 09:41:58 2007
 OPERATOR = gyanym
 REF
 REF
 REF

F.A.R. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
734	(4M)TR	WINNEBAGO	353	217
STA.		TO STA.		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		

PAVEMENT JOINT DETAILS



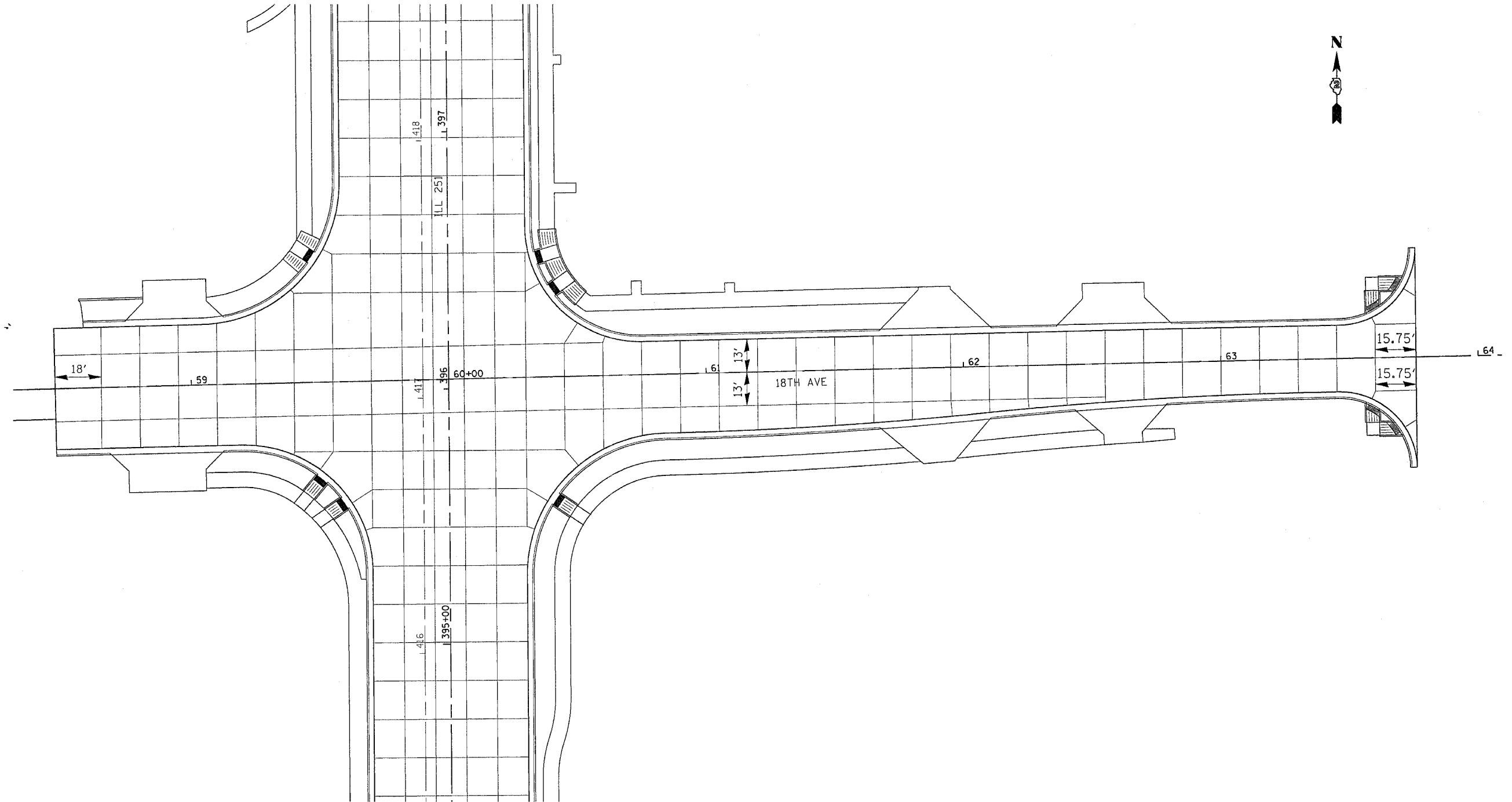
TRANSVERSE JOINT SPACING IS 15' UNLESS OTHERWISE NOTED

CONTRACTOR SHALL ADJUST JOINTS TO ACCOMMODATE UTILITY CASTINGS. SEE STANDARD 420111

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 LEVELS = #LEVELS
 PLOT SCALE = #PLOTS/SCALE
 OPERATOR = #OPERATOR
 REF REF REF REF REF REF

F.A.R. RY.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
734	(4MFT)R	WINNEBAGO	353	218
STA.		TO STA.		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		

PAVEMENT JOINT DETAILS



TRANSVERSE JOINT SPACING IS 15' UNLESS OTHERWISE NOTED

CONTRACTOR SHALL ADJUST JOINTS TO ACCOMMODATE UTILITY CASTINGS. SEE STANDARD 420111

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION

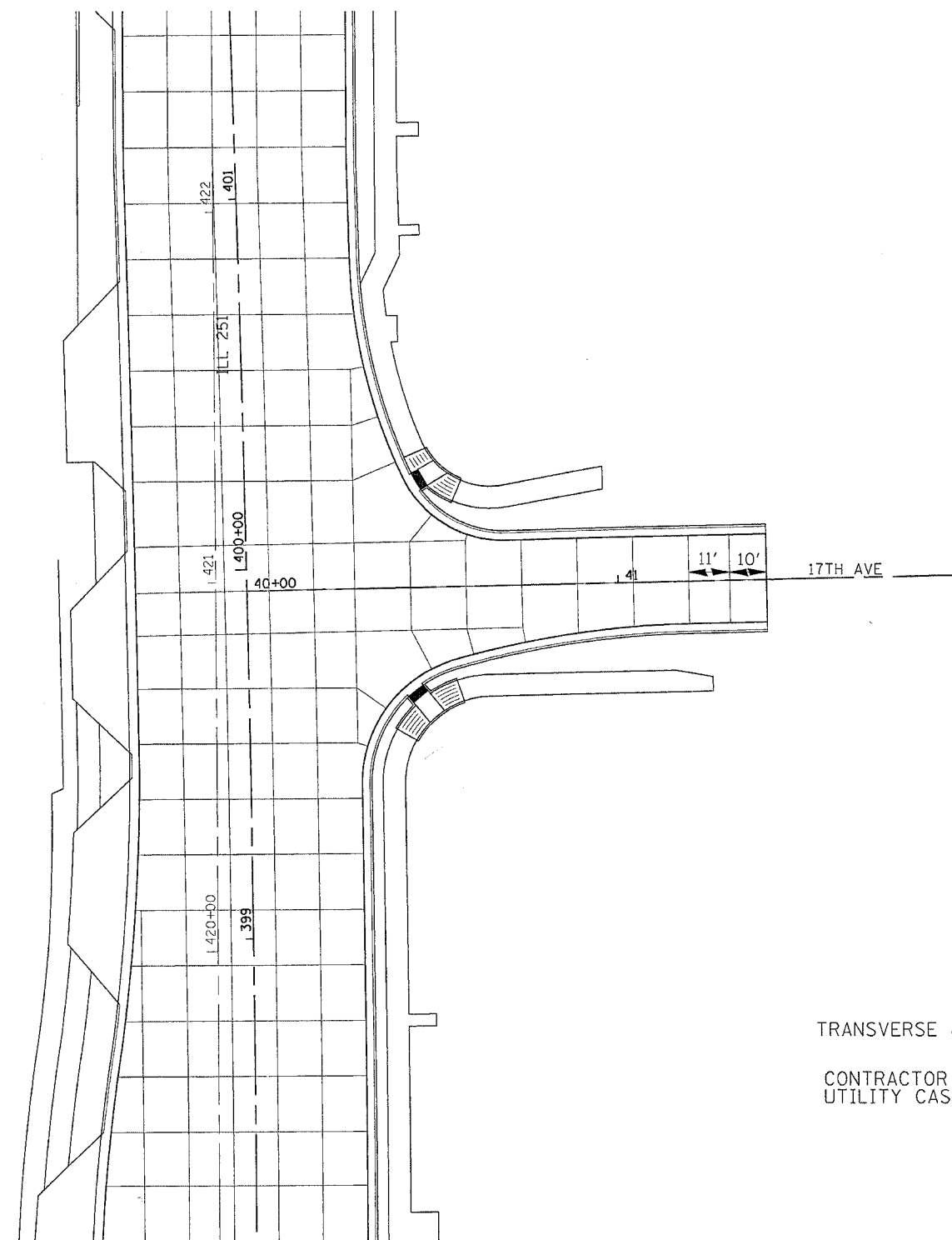
SCALE: VERT.
HORIZ.
DATE

DRAWN BY
CHECKED BY

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 PLOT DATE = Fri Apr 27 09:41:52 2007
 OPERATOR = granton
 REF REF REF REF REF REF REF

F.A. P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
734	(4MFT)R	WINNEBAGO	353	219
STA.		TO STA.		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		

PAVEMENT JOINT DETAILS



TRANSVERSE JOINT SPACING IS 15' UNLESS OTHERWISE NOTED

CONTRACTOR SHALL ADJUST JOINTS TO ACCOMMODATE UTILITY CASTINGS. SEE STANDARD 420111

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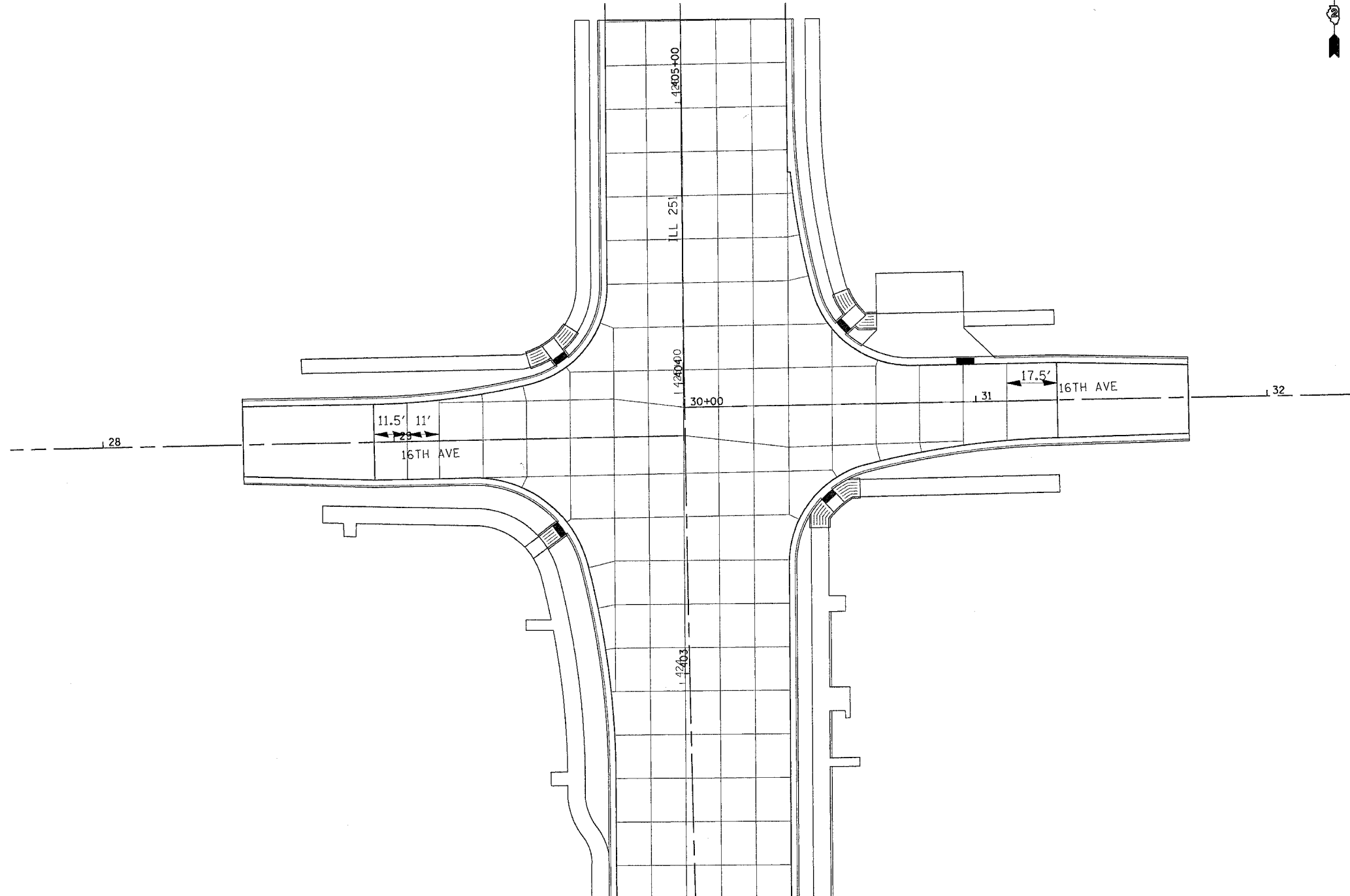
REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION

SCALE: VERT. DRAWN BY
 HORIZ. CHECKED BY
 DATE

F.A. P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
734	(4MFT)R	WINNEBAGO	353	220
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS	FED. AID PROJECT	

PAVEMENT JOINT DETAILS



TRANSVERSE JOINT SPACING IS 15' UNLESS OTHERWISE NOTED

CONTRACTOR SHALL ADJUST JOINTS TO ACCOMMODATE UTILITY CASTINGS. SEE STANDARD 420111

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION

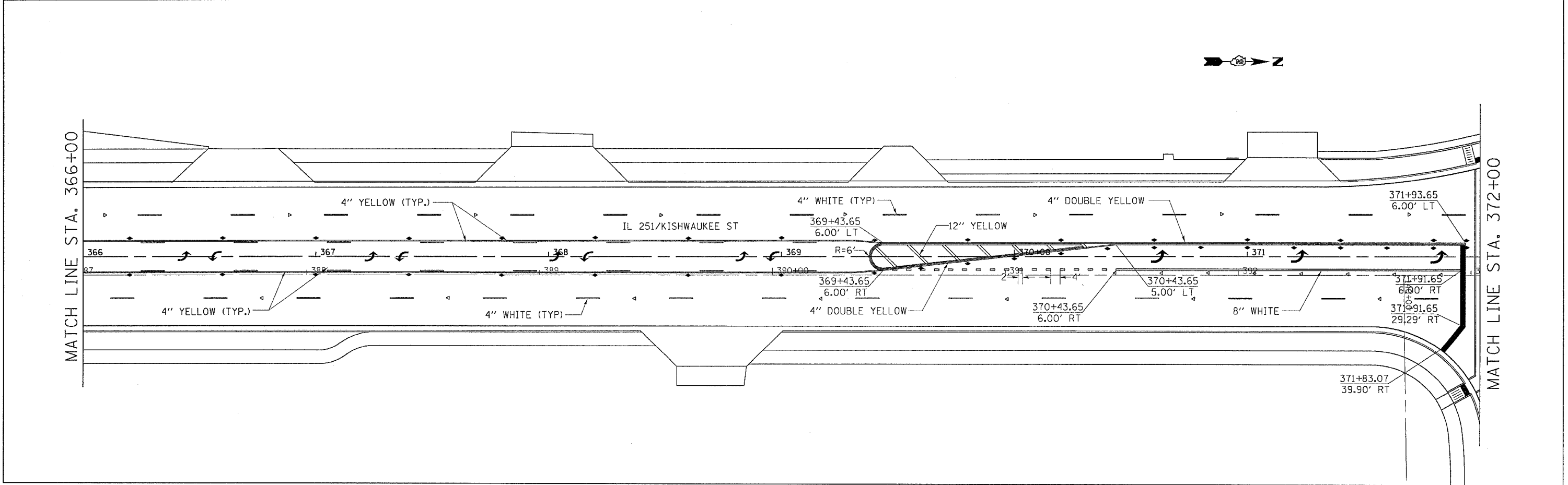
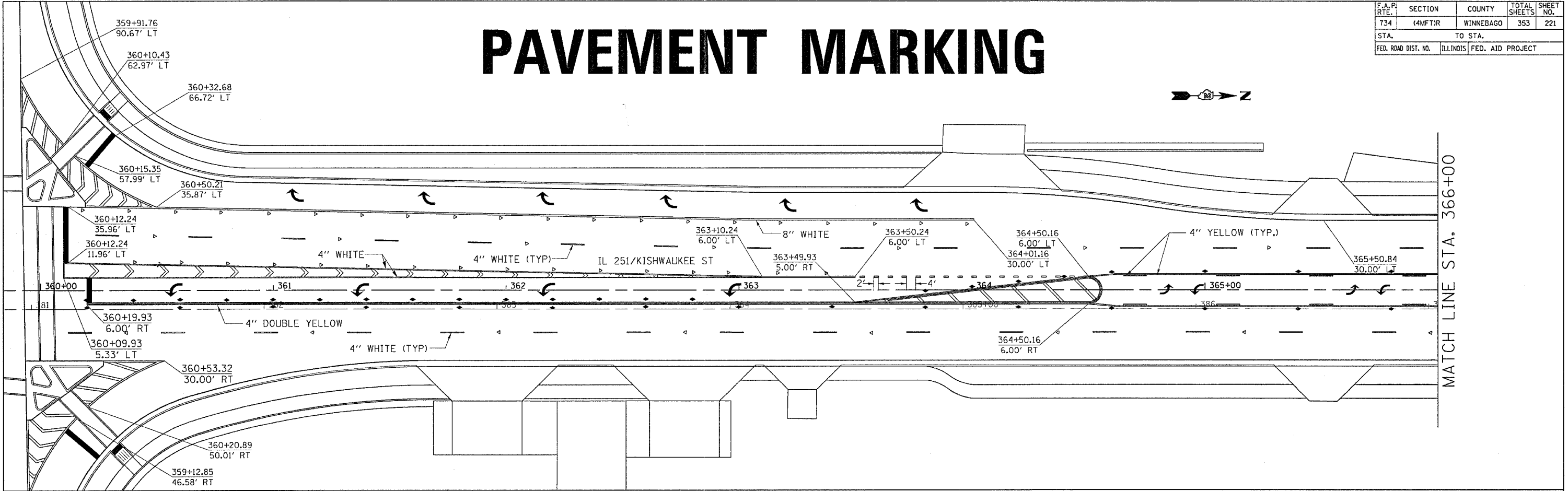
SCALE: VERT.
HORIZ.
DATE

DRAWN BY
CHECKED BY

FILE NAME = #FILES
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PLOT DATE = Fri, Apr 27 09:41:54 2007
OPERATOR = grantem
REF REF
REF REF

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
734	(4MFT)R	WINNEBAGO	353	221
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS	FED. AID PROJECT	

PAVEMENT MARKING



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 USER NAME = gromtpm

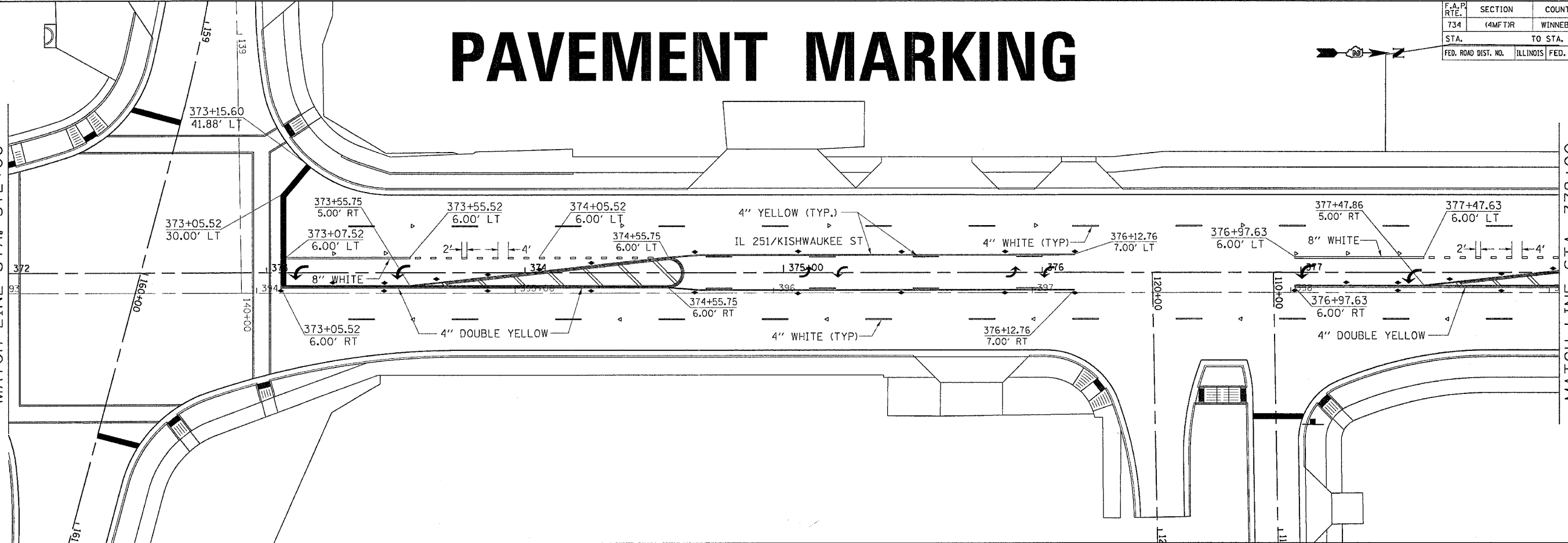
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
734	(4MFT)R	WINNEBAGO	353	222
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS	FED. AID PROJECT	

PAVEMENT MARKING



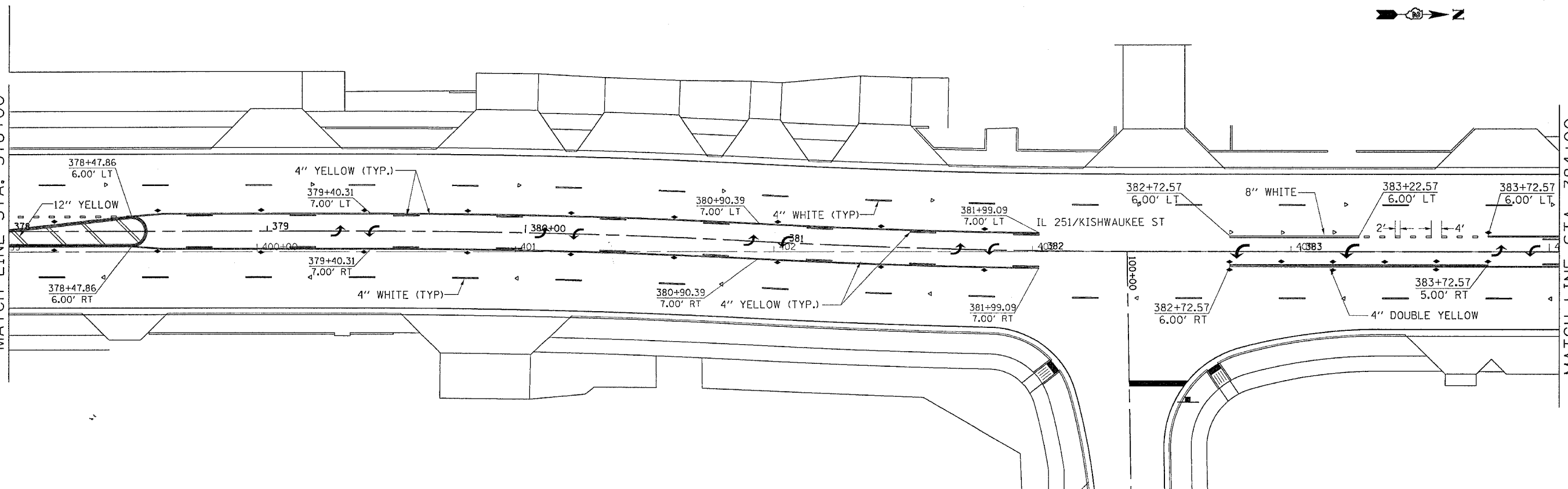
MATCH LINE STA. 372+00

MATCH LINE STA. 378+00



MATCH LINE STA. 378+00

MATCH LINE STA. 384+00



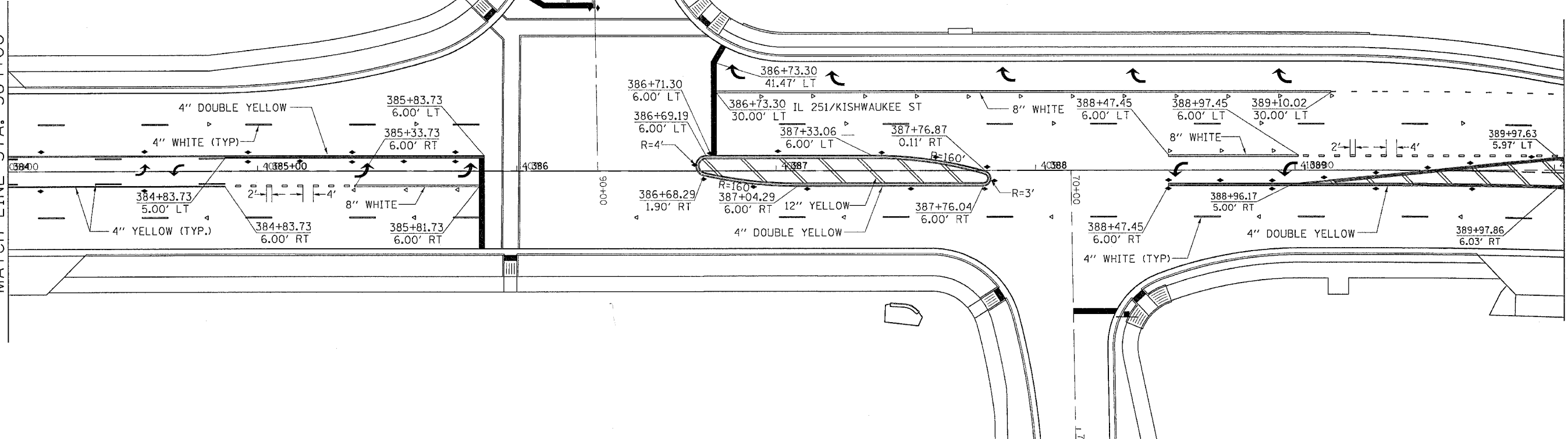
PLOT DATE = Fri Apr 27 09:48:21 2007
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 PLOT SCALE = 20.0000 / IN.
 USER NAME = grantpm

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
734	(4MFT)R	WINNEBAGO	353	223
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS	FED. AID PROJECT	

PAVEMENT MARKING

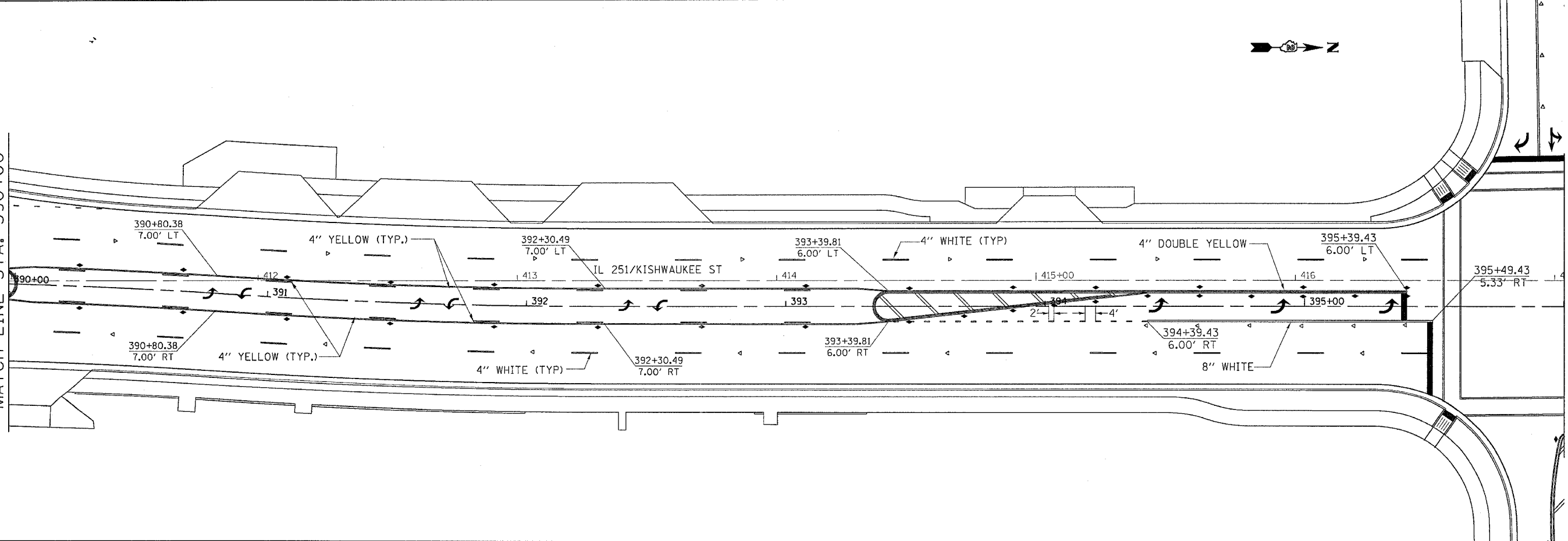
MATCH LINE STA. 384+00

MATCH LINE STA. 390+00



MATCH LINE STA. 390+00

MATCH LINE STA. 396+00



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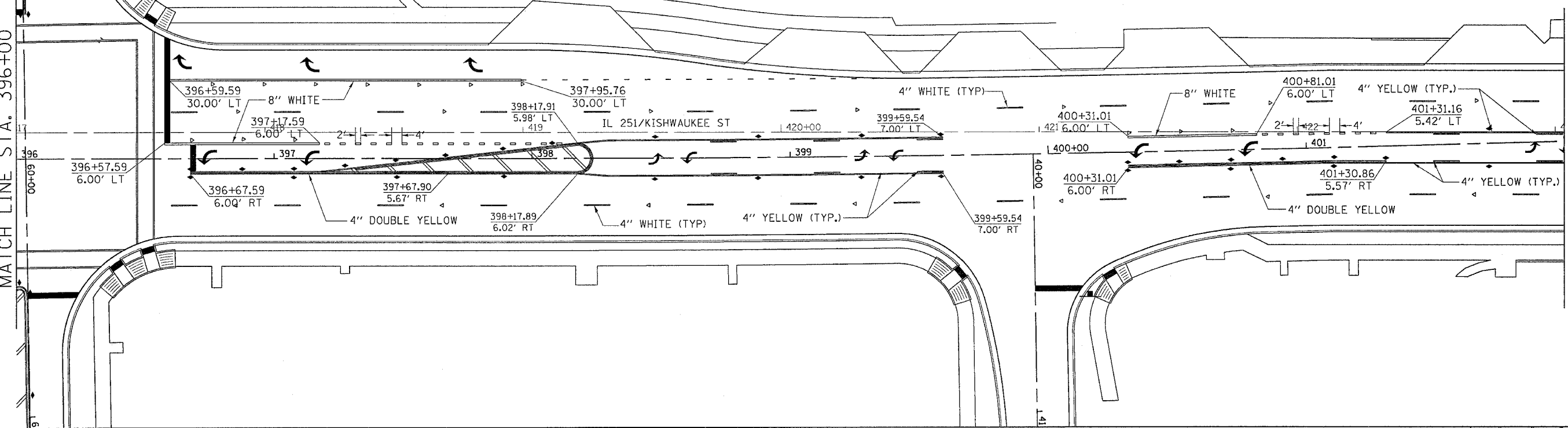
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
734	(4MFT)R	WINNEBAGO	353	224
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		

PAVEMENT MARKING



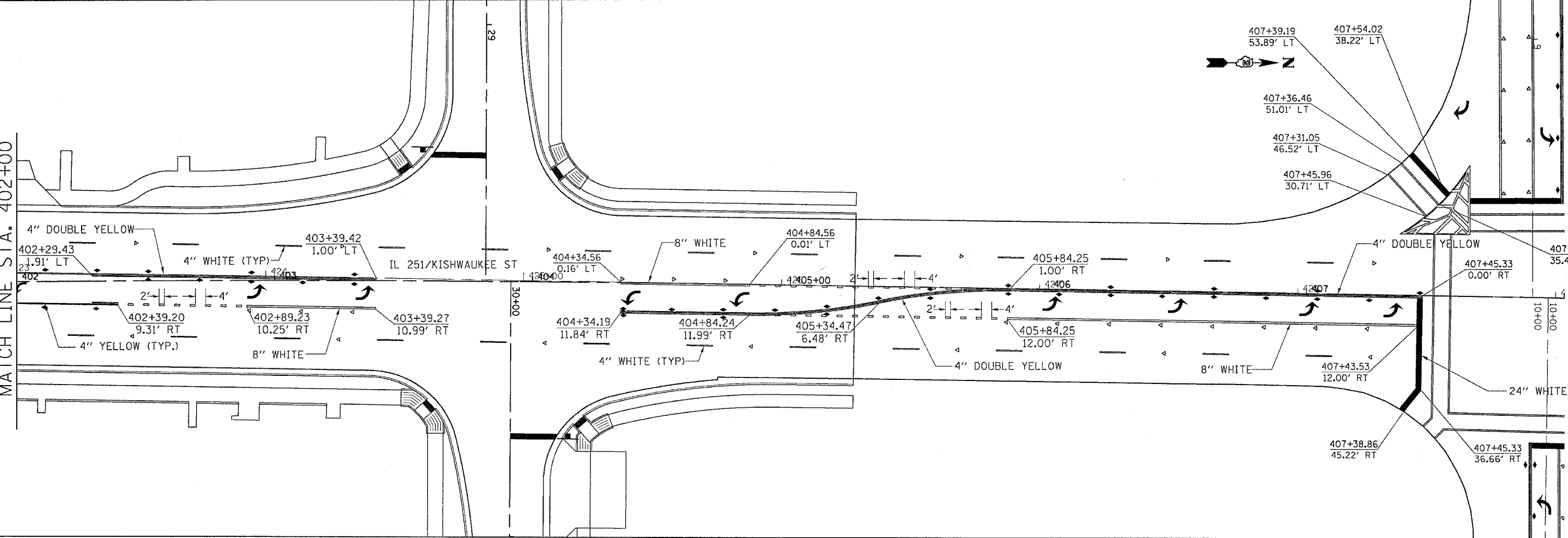
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MATCH LINE STA. 402+00



MATCH LINE STA. 402+00

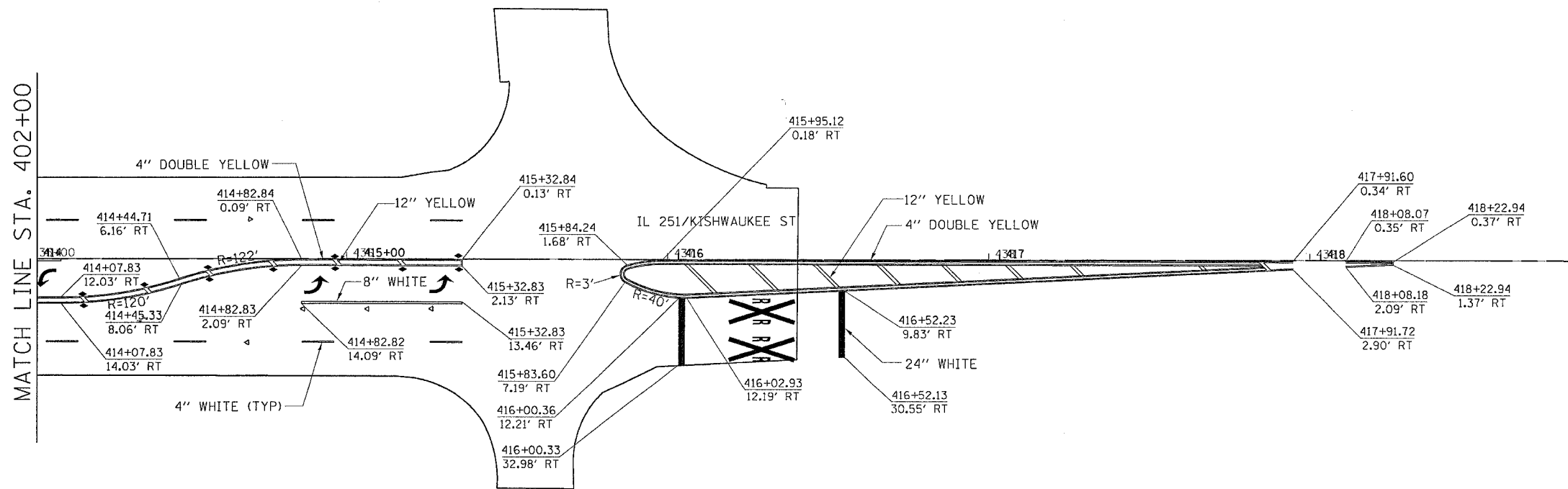
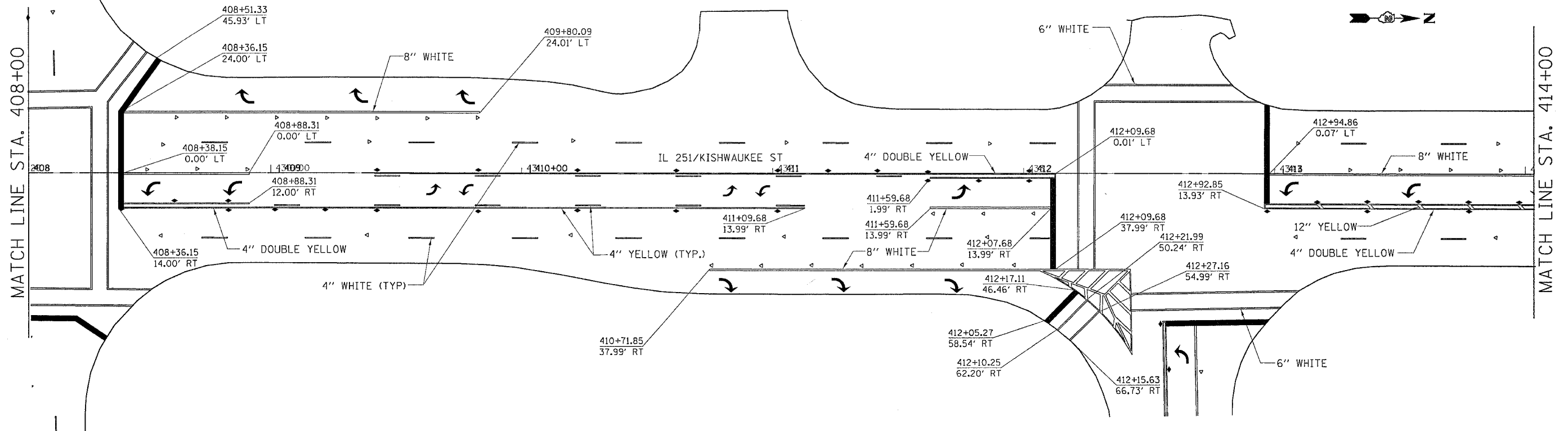
MATCH LINE STA. 407+00



PLOT DATE = Fri Apr 27 09:48:23 2007
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 USER NAME = ggrantpm

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
734	(4MFT)R	WINNEBAGO	353	225
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS	FED. AID PROJECT	

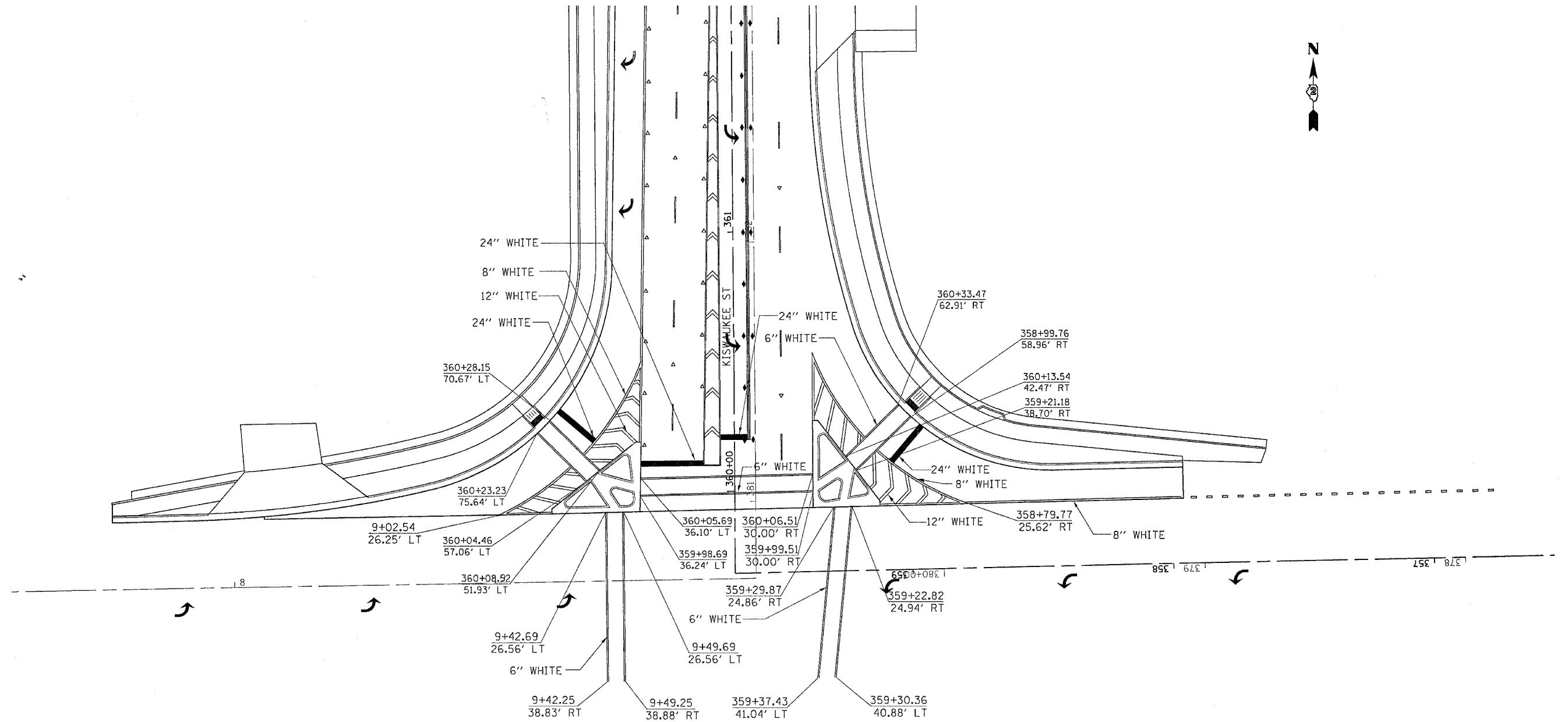
PAVEMENT MARKING



PLOT DATE = Fri Apr 27 09:48:24 2007
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 USER NAME = g-wentp

F.A. PI. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
734	(4MF)R	WINNEBAGO	353	226
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS	FED. AID PROJECT	

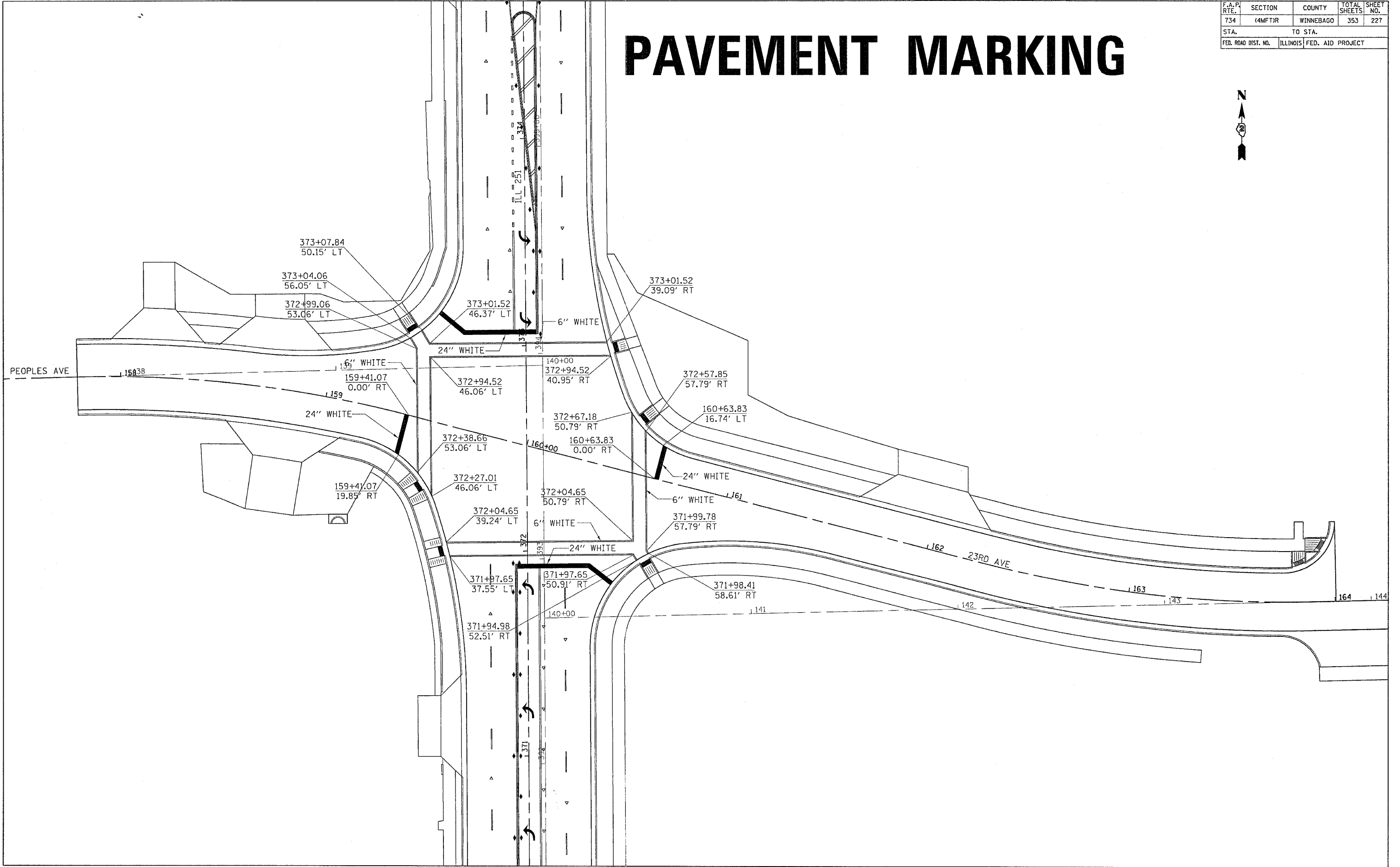
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PLOT DATE = Fri Apr 27 09:46:25 2007
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 USER NAME = grompin

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
734	(4MFT)R	WINNEBAGO	353	227
STA.		TO STA.		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		

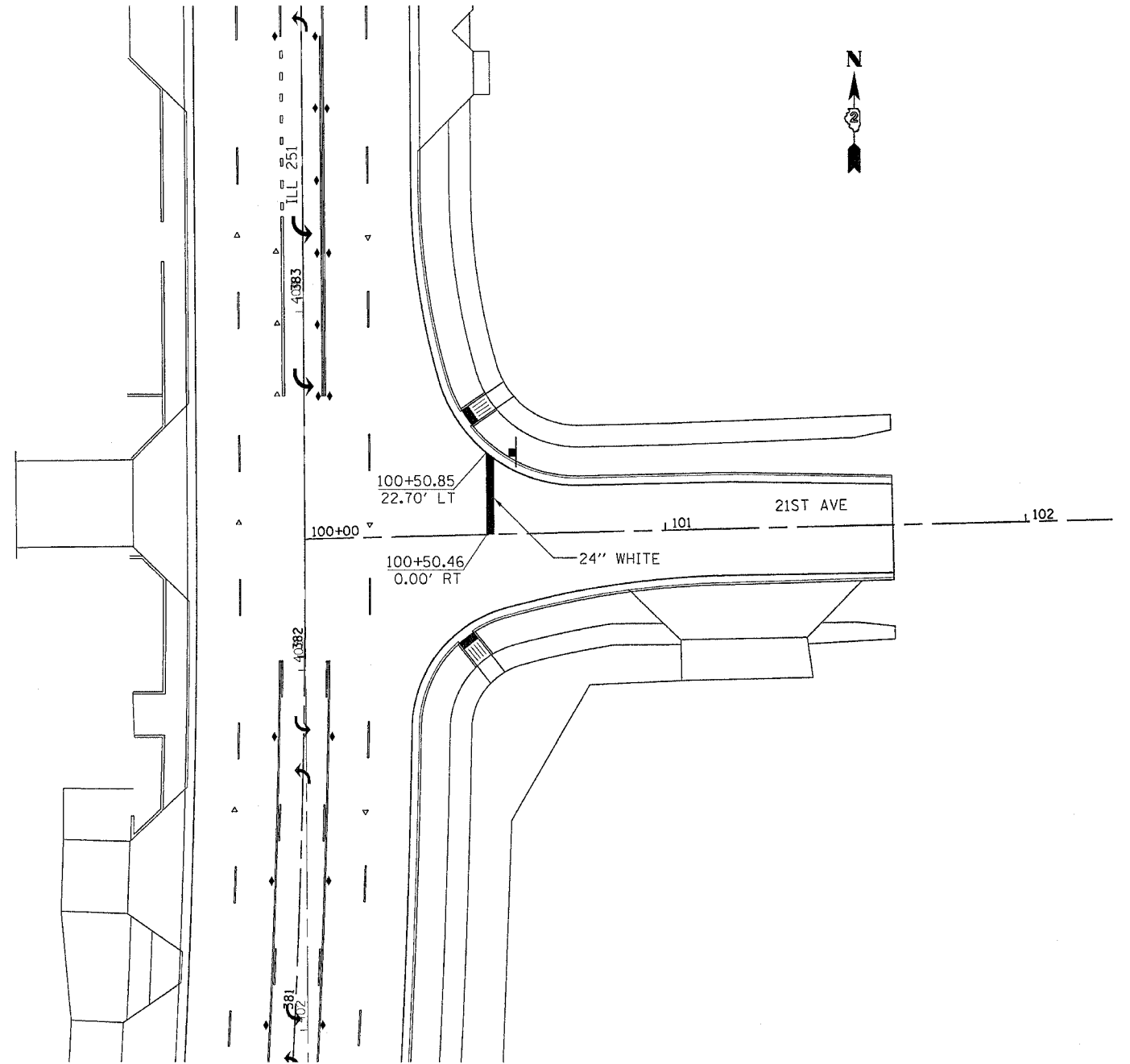
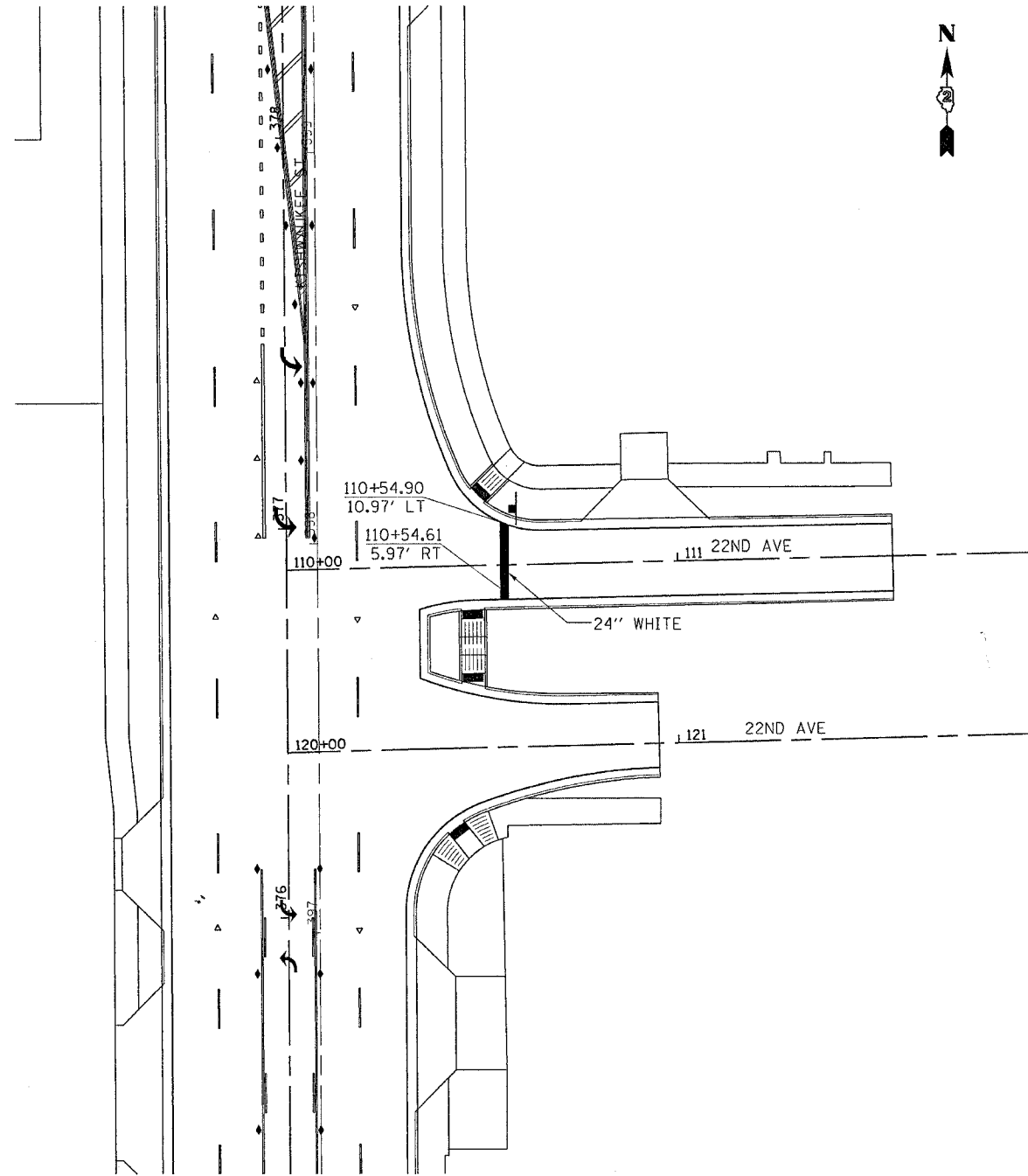
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F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
734	(4MFT)R	WINNEBAGO	353	228
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		

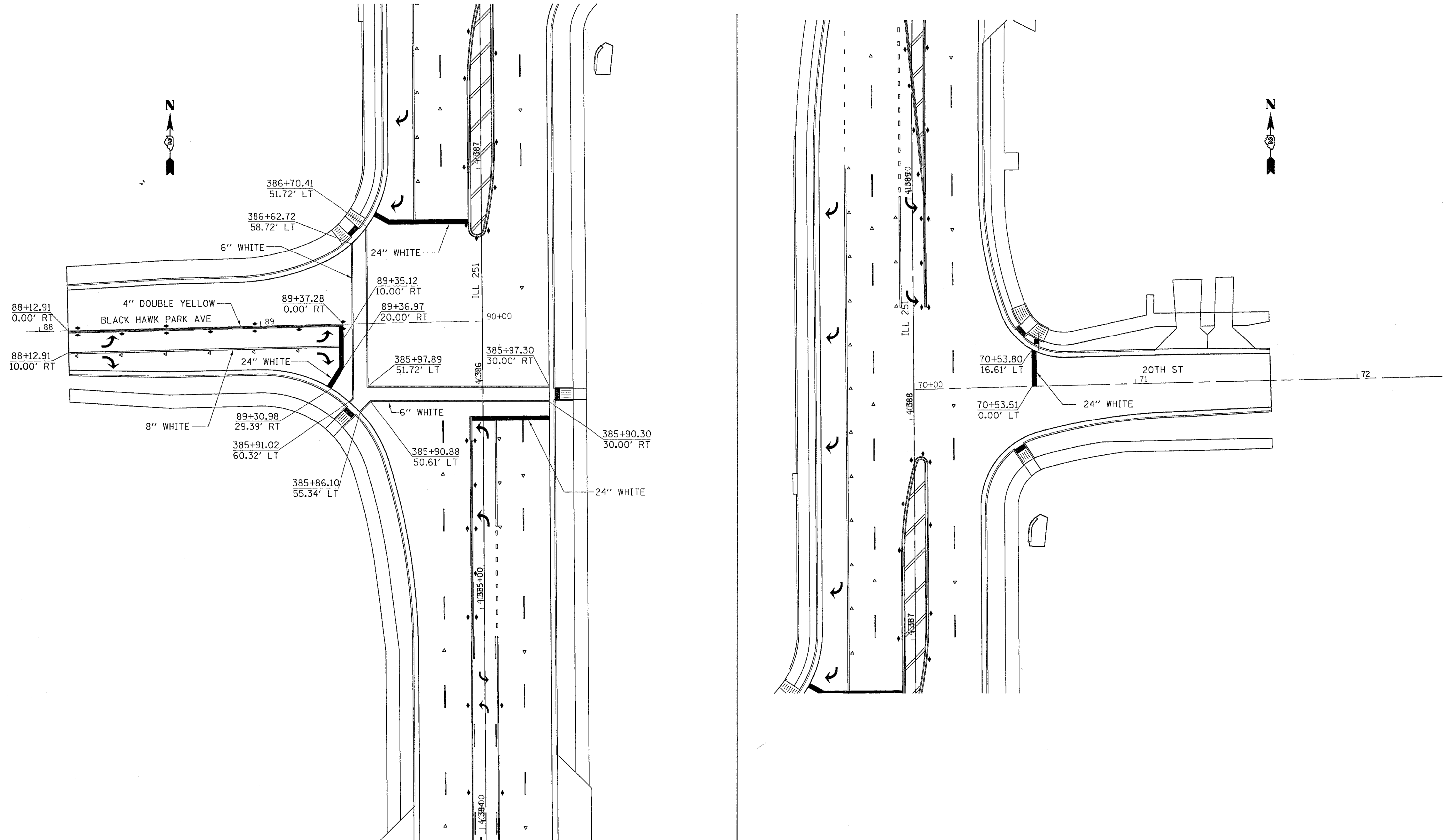
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F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
734	(4MFT)R	WINNEBAGO	353	229
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS	FED. AID PROJECT	

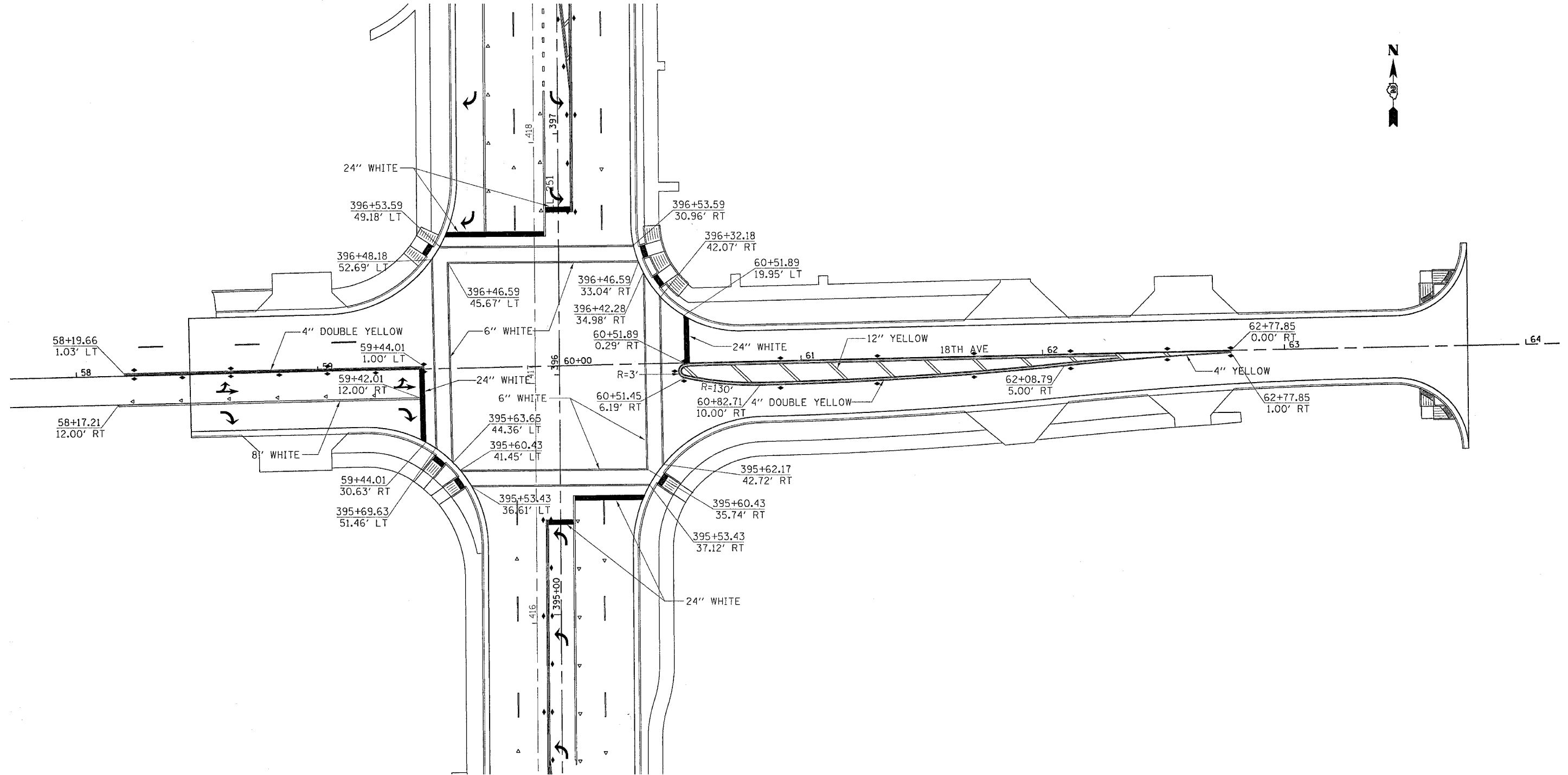
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F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
734	(4MFT)R	WINNEBAGO	353	230
STA.		TO STA.		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		

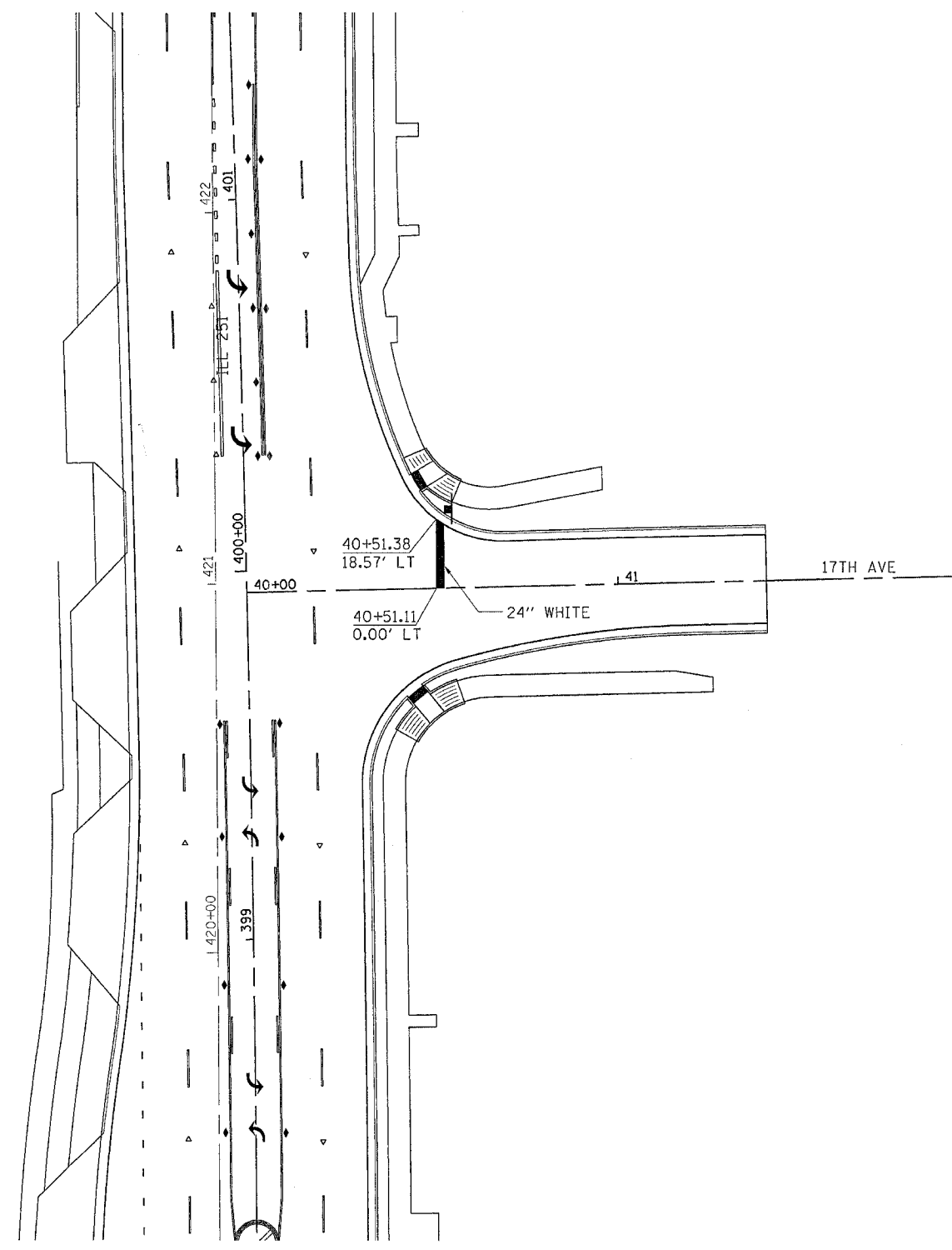
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F.A. PROJECT NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
734	(4MFT)R	WINNEBAGO	353	231
STA.		TO STA.		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		

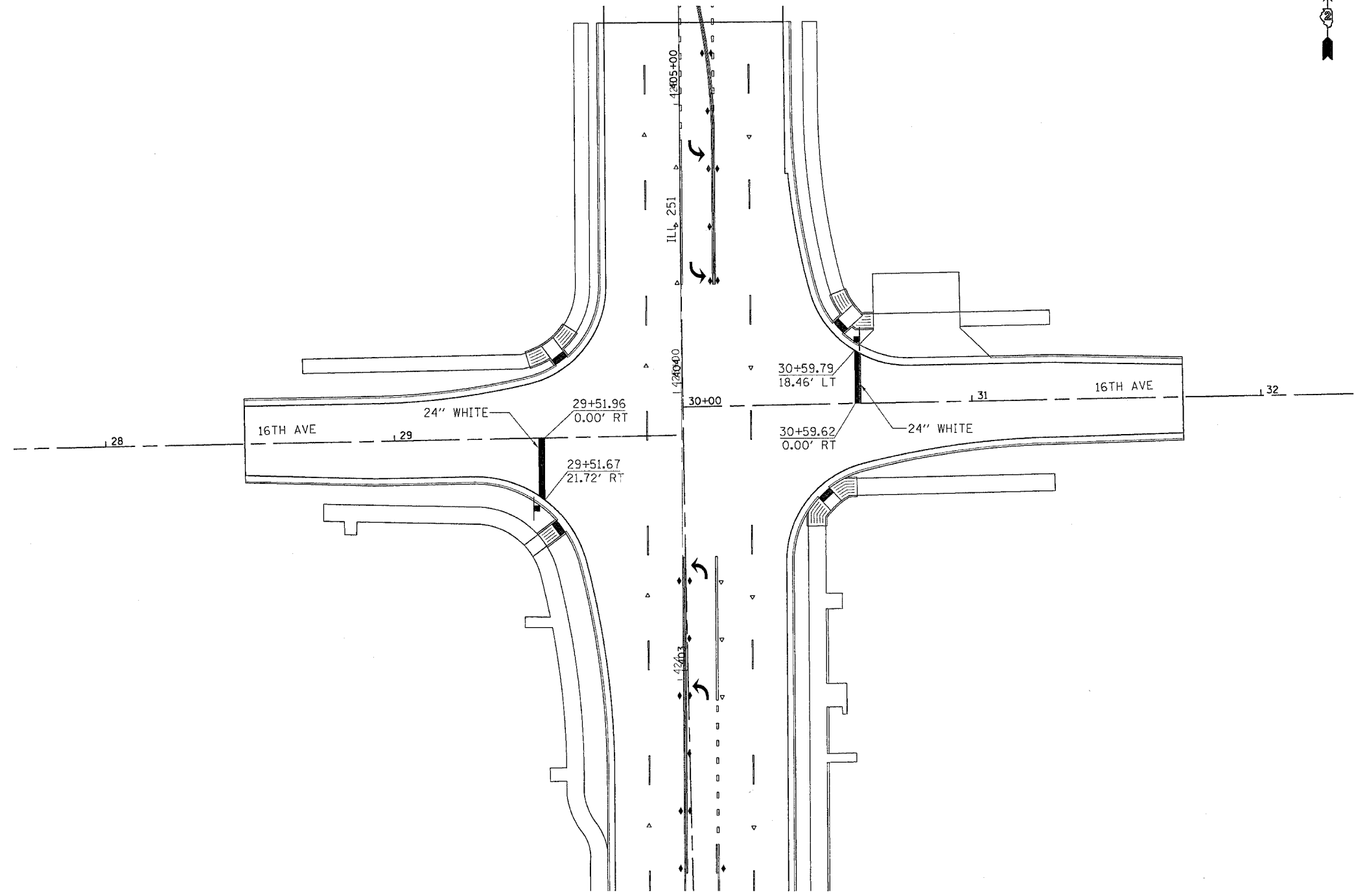
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F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
734	(4MFT)R	WINNEBAGO	353	232
STA.		TO STA.		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		

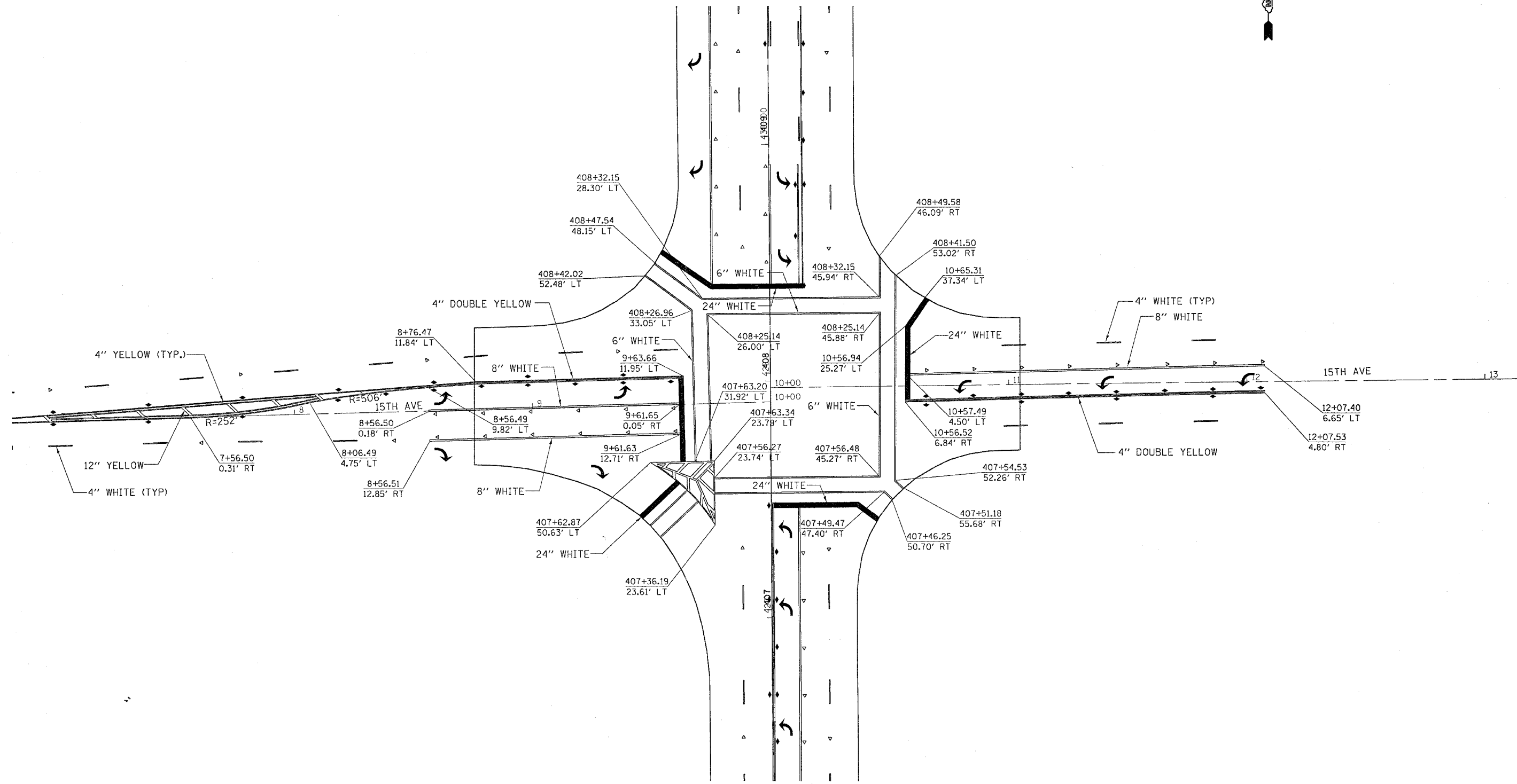
PAVEMENT MARKING



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F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
734	(4MFT)R	WINNEBAGO	353	233
STA.		TO STA.		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		

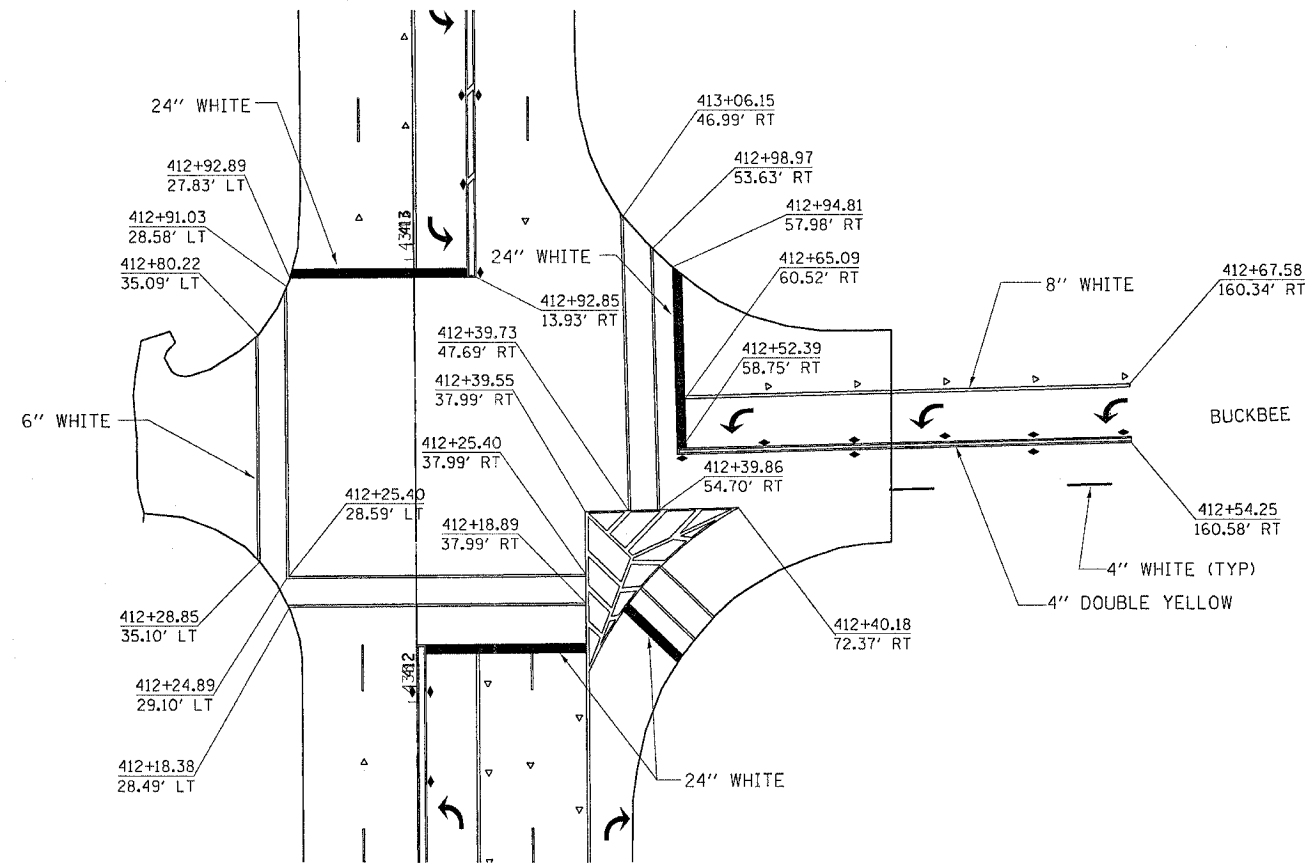
PAVEMENT MARKING



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F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
734	(4MFT)R	WINNEBAGO	353	234
STA.		TO STA.		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		

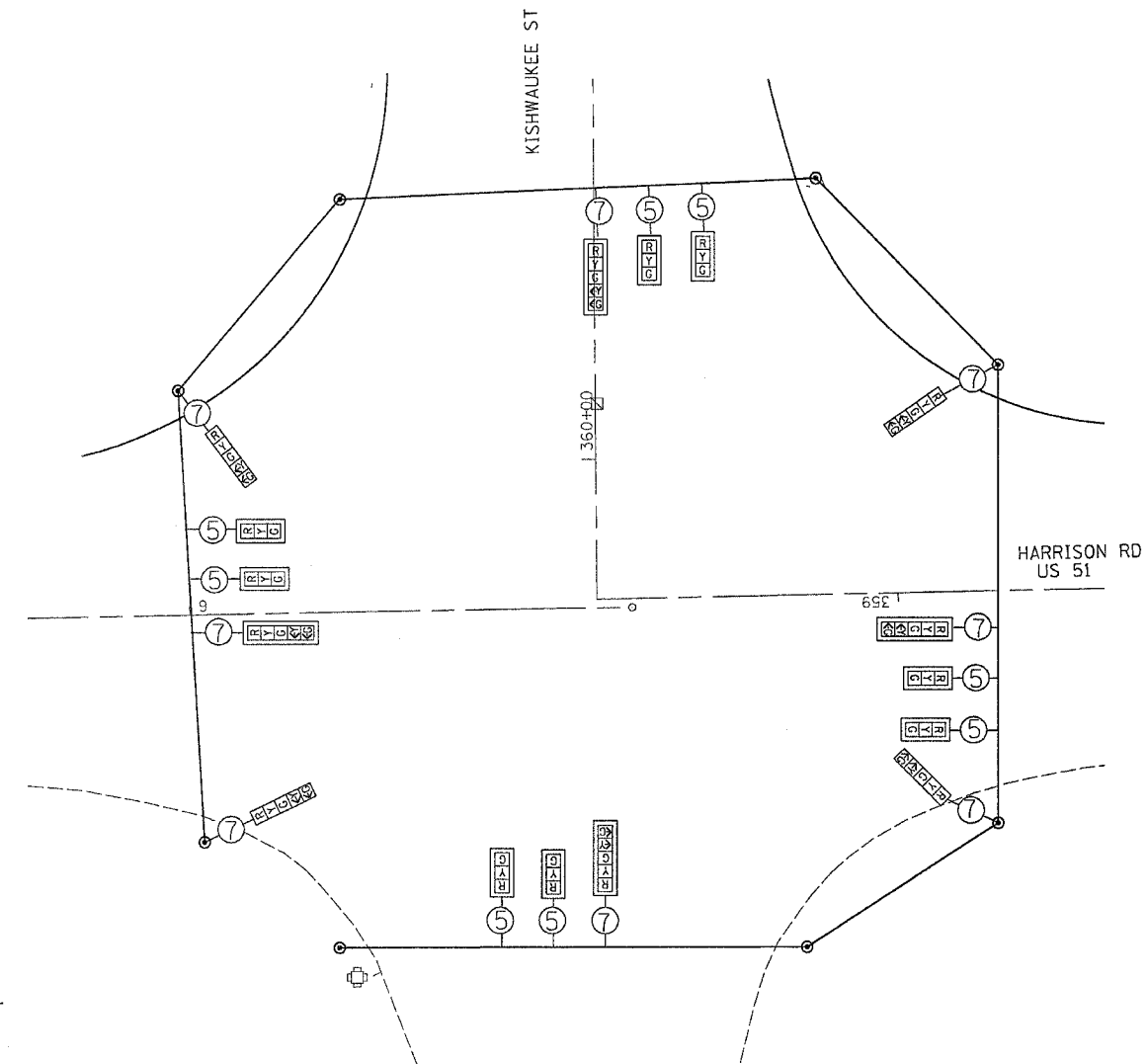
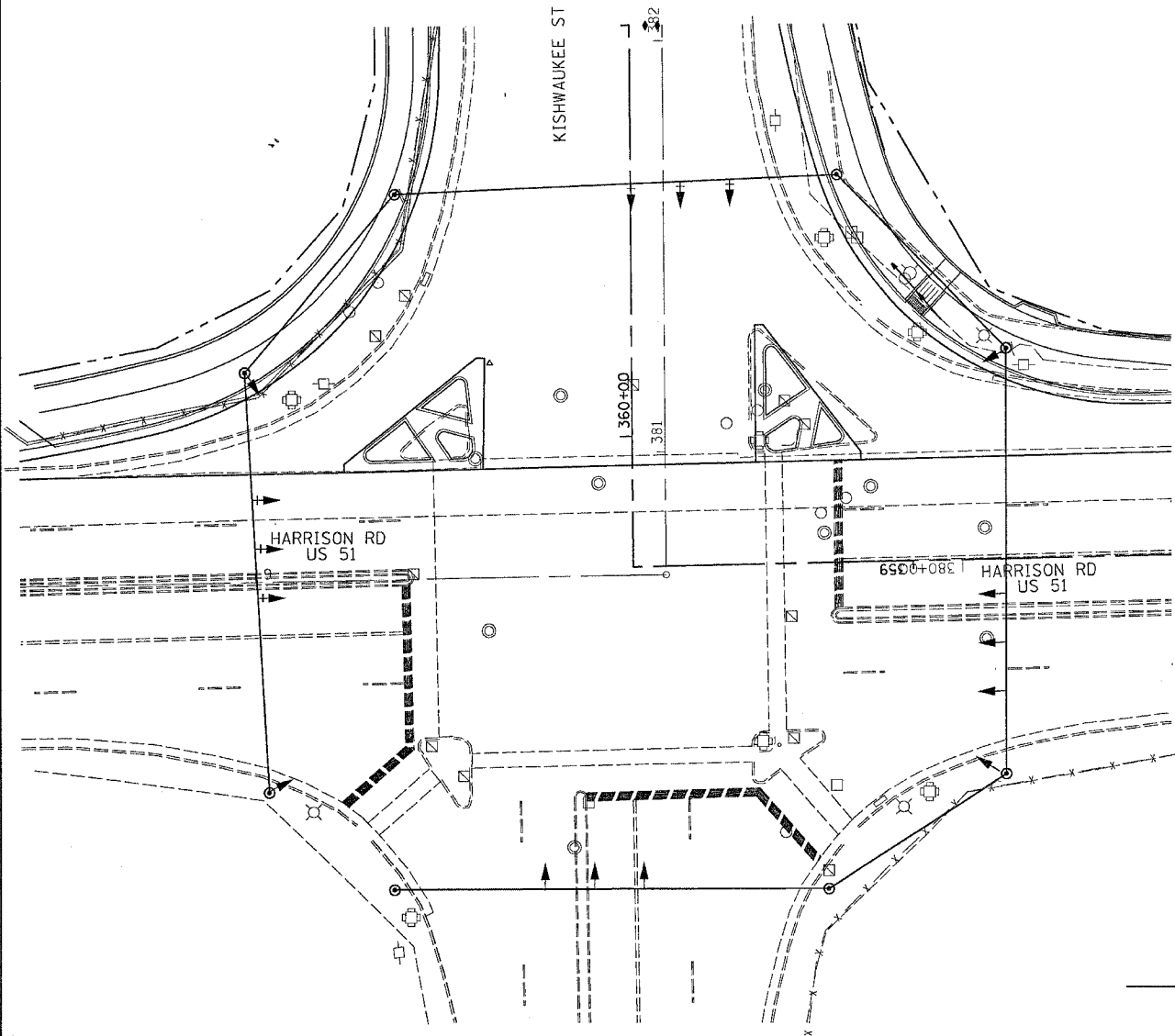
PAVEMENT MARKING



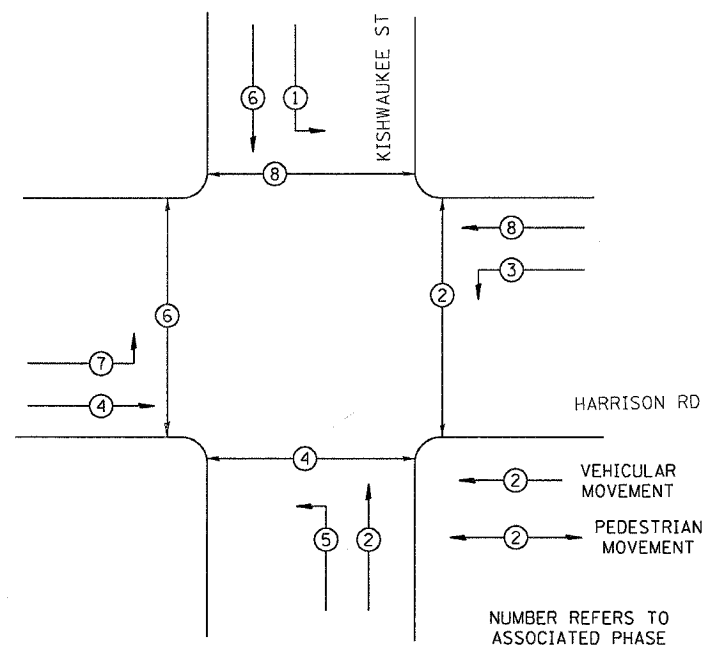
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F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
734	(4MFT)R	WINNEBAGO	353	235
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		

SUGGESTED TEMPORARY SIGNALS KISHWAUKEE AT HARRISON



PHASE DESIGNATION DIAGRAM



REFER TO STANDARD 857001

NOTE:
STAGING OF TEMPORARY SIGNAL INSTALLATION SHALL BE APPROVED BY THE RESIDENT ENGINEER.

PLT DATE = Mon Apr 30 10:38:46 2007
FILE NAME = c:\projects\14210399\vol188\sig.dgn
PLT SCALE = 20.00000 / IN.
USER NAME = grandpa

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

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
734	44MTR	WINNEBAGO	353	236
STA.		TO STA.		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		

TRAFFIC SIGNAL QUANTITIES

PAY CODE	ITEM	UNIT	HARRISON QUANTITY	PEOPLE-23rd AVE TOTAL	BLACKHAWK TOTAL	18th AVE TOTAL	15th AVE TOTAL	BROADWAY TOTAL	INTERCONNECT TOTAL	TOTALS
72000100	SIGN PANEL - TYPE 1	SQ FT	18	16.5		15				49.5
72000200	SIGN PANEL - TYPE 2	SQ FT	19.5	19.5	37.25	19.5				95.75
80500100	SERVICE INSTALLATION, TYPE A	EACH	1	1	1	1				4
81400700	HANDHOLE, PORTLAND CEMENT CONCRETE	EACH	5	5	3	3			19	35
81400720	DOUBLE HANDHOLE, PORTLAND CEMENT CONCRETE	EACH	1	1	1			1		4
81702110	ELECTRIC CABLE IN CONDUIT, 600V (XLP TYPE USE) I/C No 10	FOOT	1722	1211	845	548				4326
82103250	LUMINAIRE, SODIUM VAPOR, HORIZONTAL MOUNT, PHOTO-CELL CONTROL, 250 WATT	EACH	4	4	3	4				15
82500605	LIGHTING CONTROLLER PHOTOCELL RELAY	EACH	1	1	1	1				4
85700200	FULL-ACTUATED CONTROLLER AND TYPE IV CABINET	EACH	1	1	1	1				4
87301215	ELECTRIC CABLE IN CONDUIT, SIGNAL, NO. 14 2C	FOOT	1694	1346	386	911				4337
87301225	ELECTRIC CABLE IN CONDUIT, SIGNAL, NO. 14 3C	FOOT	1750	1402	407	953				4512
87301245	ELECTRIC CABLE IN CONDUIT, SIGNAL, NO. 14 5C	FOOT	2718	1460	777	1518				6473
87301255	ELECTRIC CABLE IN CONDUIT, SIGNAL, NO. 14 7C	FOOT	2962	776	564	1239				5541
87301815	ELECTRIC CABLE IN CONDUIT, SERVICE, NO 6 3C	FOOT	34	26	26	29				115
87502420	TRAFFIC SIGNAL POST GALVANIZED STEEL 8 FT	EACH		3						3
87502490	TRAFFIC SIGNAL POST GALVANIZED STEEL 15 FT	EACH			1					1
87502500	TRAFFIC SIGNAL POST GALVANIZED STEEL 16 FT	EACH	4							4
87702850	STEEL COMBINATION MAST ARM ASSEMBLY AND POLE 24 FT	EACH			1					1
87702930	STEEL COMBINATION MAST ARM ASSEMBLY AND POLE 40 FT	EACH			1					1
87702950	STEEL COMBINATION MAST ARM ASSEMBLY AND POLE 44 FT	EACH		1						1
87702960	STEEL COMBINATION MAST ARM ASSEMBLY AND POLE 46 FT	EACH		0		1				1
87702970	STEEL COMBINATION MAST ARM ASSEMBLY AND POLE 48 FT	EACH		2		2				4
87702980	STEEL COMBINATION MAST ARM ASSEMBLY AND POLE 50 FT	EACH		1						1
87702985	STEEL COMBINATION MAST ARM ASSEMBLY AND POLE 52 FT	EACH	1		1					2
87702990	STEEL COMBINATION MAST ARM ASSEMBLY AND POLE 54 FT	EACH	1			1				2
87703000	STEEL COMBINATION MAST ARM ASSEMBLY AND POLE 55 FT	EACH	2							2
87800100	CONCRETE FOUNDATION, TYPE A	FOOT	6	9	3					18

PLOT DATE = Thu May 17 08:08:52 2007
 FILE NAME = G:\projects\03210819\03210819.dgn
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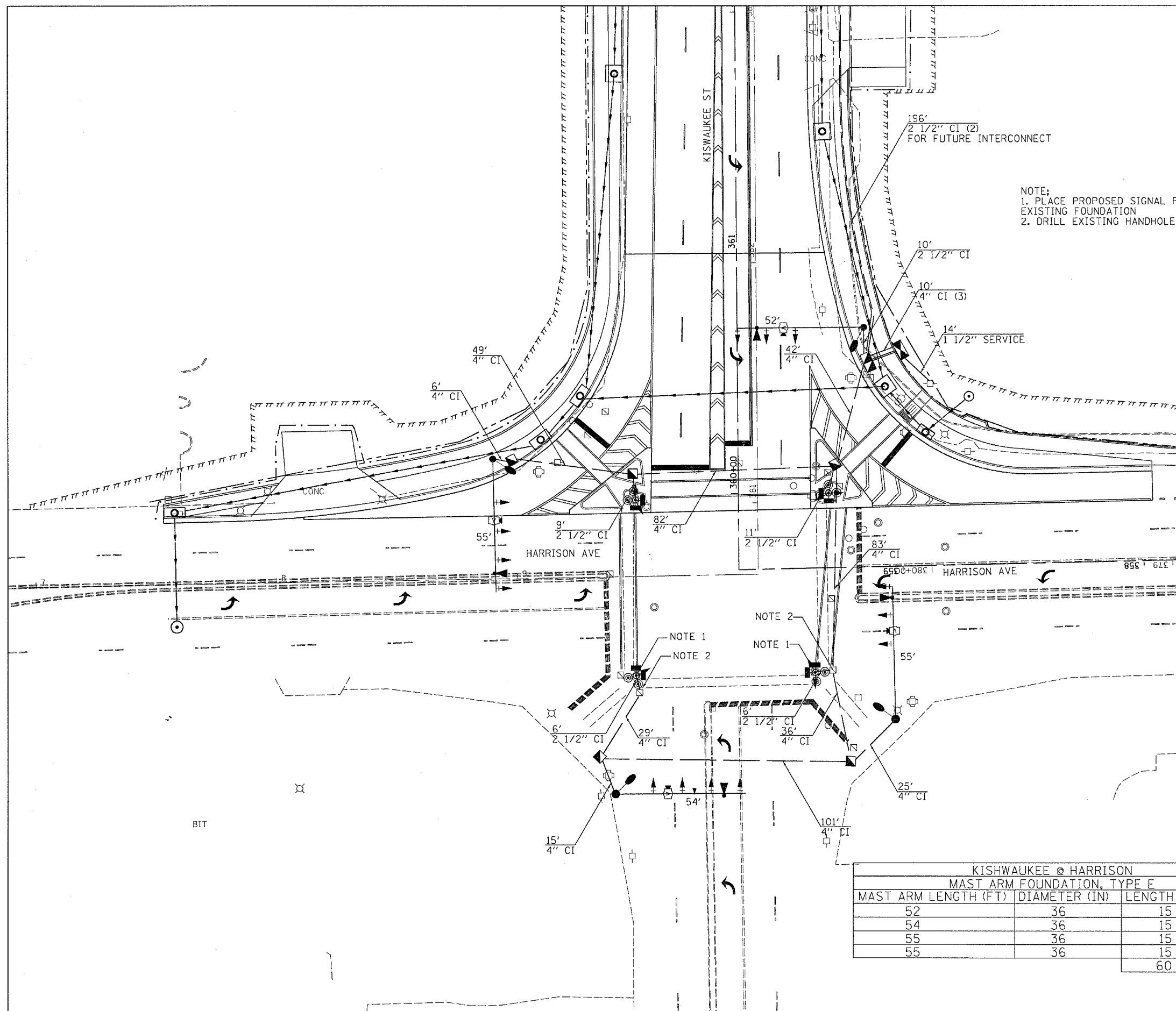
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
734	(4MFT)R	WINNEBAGO	353	237
STA.		TO STA.		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		

TRAFFIC SIGNAL QUANTITIES

PAY CODE	ITEM	UNIT	HARRISON QUANTITY	PEOPLE-23rd AVE TOTAL	BLACKHAWK TOTAL	18th AVE TOTAL	15th AVE TOTAL	BROADWAY TOTAL	INTERCONNECT TOTAL	TOTALS
87800400	CONCRETE FOUNDATION, TYPE E, 30 INCH	FOOT			10					10
87800415	CONCRETE FOUNDATION, TYPE E, 36 INCH	FOOT	60	54	26	54				194
87800200	CONCRETE FOUNDATION, TYPE D	FOOT	3	3	3	3				12
87900200	DRILL EXISTING HANDHOLE	EACH	5				11	11		27
88040070	SIGNAL HEAD, POLYCARBONATE, LED, 1-FACE, 3-SECTION, BRACKET MOUNTED	EACH	2							2
88040090	SIGNAL HEAD, POLYCARBONATE, LED, 1-FACE, 3-SECTION, MAST-ARM MOUNTED	EACH	8	8	6	8				30
88040150	SIGNAL HEAD, POLYCARBONATE, LED, 1-FACE, 5-SECTION, BRACKET MOUNTED	EACH	6	2	2	3				13
88040160	SIGNAL HEAD, POLYCARBONATE, LED, 1-FACE, 5-SECTION, MAST-ARM MOUNTED	EACH	6	2	2	3				13
88102717	PEDESTRIAN SIGNAL HEAD, LED, 1-FACE, BRACKET MOUNTED, WITH COUNT-DOWN TIMER	EACH	8	8	4	8				28
88200100	TRAFFIC SIGNAL BACKPLATE	EACH	14	10	8	11				43
89000100	TEMPORARY TRAFFIC SIGNAL INSTALLATION	EACH	1							1
89502210	MODIFY EXISTING CONTROLLER CABINET	EACH					1	1		2
89502375	REMOVE EXISTING TRAFFIC SIGNAL EQUIPMENT	EACH	1	1	1	1				4
89502380	REMOVE EXISTING HANDHOLE	EACH	3	2	2	1				8
X0321760	DOUBLE HANDHOLE REMOVAL	EACH	2	1	1	1				5
X0323153	ELECTRIC CABLE IN CONDUIT, GROUND, NO. 6 1C (GREEN)	FOOT	562	426	278	427				1693
X0324652	TRACER CABLE	FOOT							5794	5794
X0324886	CONDUIT INSTALLED, 1 1/4" DIA., NON-METALLIC	FOOT	14	6	6	9				35
X0324887	CONDUIT INSTALLED, 2 1/2" DIA., NON-METALLIC	FOOT	42	106	113	46	130	49	10721	11207
X0324888	CONDUIT INSTALLED, 4" DIA., NON-METALLIC	FOOT	478	233	191	300	337	280		1819
XX003163	EMERGENCY VEHICLE PRIORITY SYSTEM	EACH	1	1	1	1	1	1		6
XX003165	VIDEO CAMERA DETECTOR SYSTEM	EACH	1	1	1	1	1	1		6
XX004921	PEDESTRIAN PUSHBUTTON, SPECIAL	EACH	8	8	4	8				28
Z0050900	REMOVE CONCRETE FOUNDATION	EACH	8	8	6	8				30

PLOT DATE = Thu May 17 08:08:52 2007
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 USER NAME = gremson

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
734	(4MFT)R	WINNEBAGO	353	239
STA. _____		TO STA. _____		
FED. ROAD DIST. NO. _____		ILLINOIS FED. AID PROJECT _____		



NOTE:
 1. PLACE PROPOSED SIGNAL POST ON EXISTING FOUNDATION
 2. DRILL EXISTING HANDHOLE

LEGEND

- EXISTING CONTROLLER
- NEW CONTROLLER
- EXISTING STEEL MAST ARM ASSEMBLY AND POLE
- NEW STEEL MAST ARM ASSEMBLY AND POLE
- EXISTING SIGNAL HEAD AND POST
- NEW SIGNAL HEAD AND POST
- EXISTING SIGNAL HEAD
- NEW SIGNAL HEAD WITH BACKPLATE
- EXISTING PEDESTRIAN HEAD
- NEW PEDESTRIAN HEAD
- PEDESTRIAN PUSHBUTTON
- EXISTING HANDHOLE
- NEW HANDHOLE
- NEW DOUBLE HANDHOLE
- NEW LUMINAIRE
- NEW GALVANIZED STEEL OR PVC CONDUIT
- UPPER NUMERAL INDICATES LENGTH
- "CI" INDICATES CONDUIT INSTALLED
- TRENCH OR PUSHED
- LOWER NUMERAL INDICATES SIZE AND TYPE
- VIDEO CAMERA DETECTION SYSTEM
- EMERGENCY VEHICLE PRIORITY SYSTEM

KISHWAUKEE @ HARRISON		
MAST ARM FOUNDATION, TYPE E		
MAST ARM LENGTH (FT)	DIAMETER (IN)	LENGTH (FT)
52	36	15
54	36	15
55	36	15
55	36	15
		60

REVISIONS	
NAME	DATE

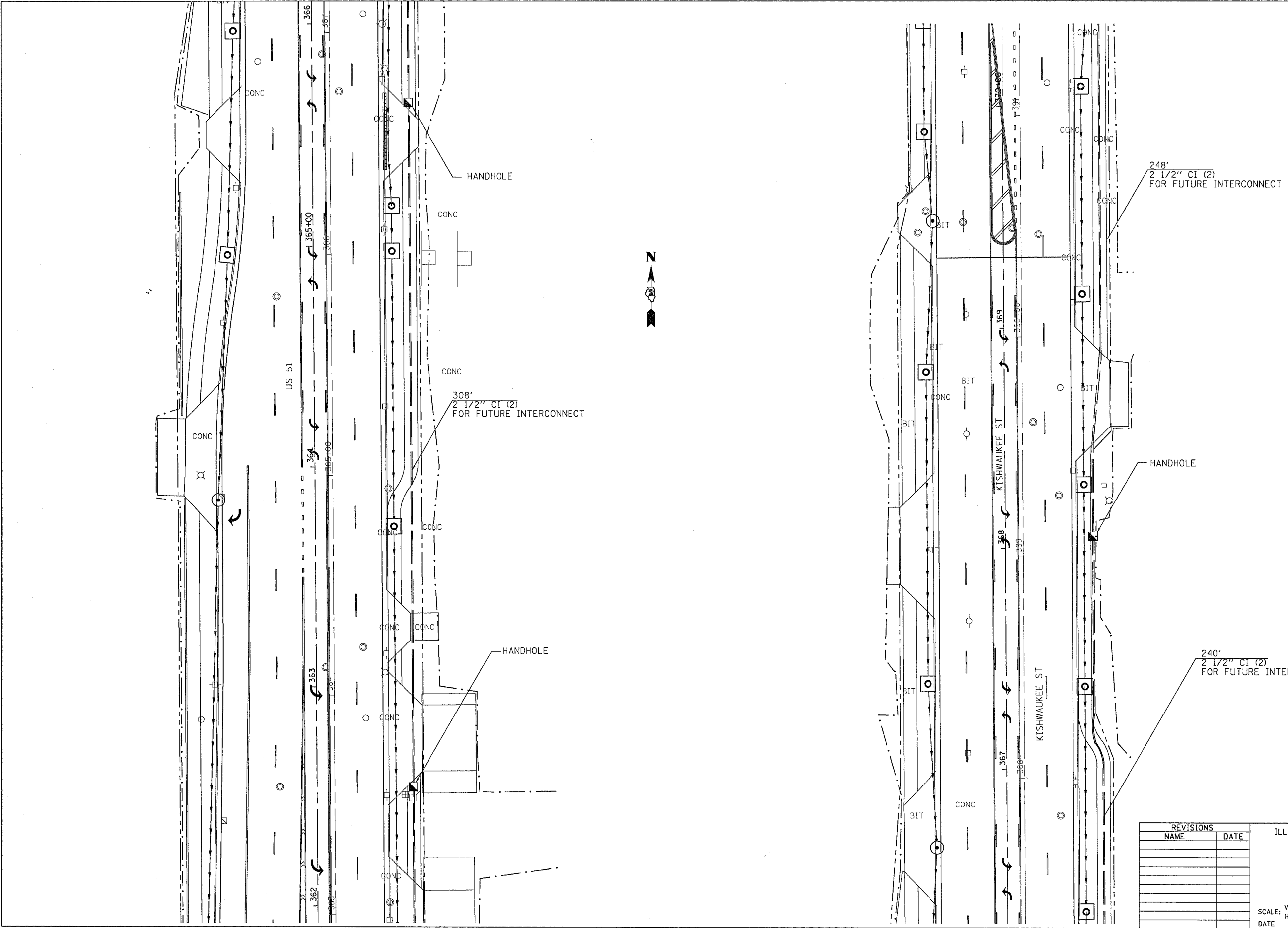
ILLINOIS DEPARTMENT OF TRANSPORTATION

SCALE: VERT. _____
 HORIZ. _____
 DATE _____

DRAWN BY _____
 CHECKED BY _____

PLOT DATE: Mon Apr 30 10:28:48 2007
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 USER: nelli

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
734	(4MFT)R	WINNEBAGO	353	240
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS	FED. AID PROJECT	



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REVISIONS	
NAME	DATE

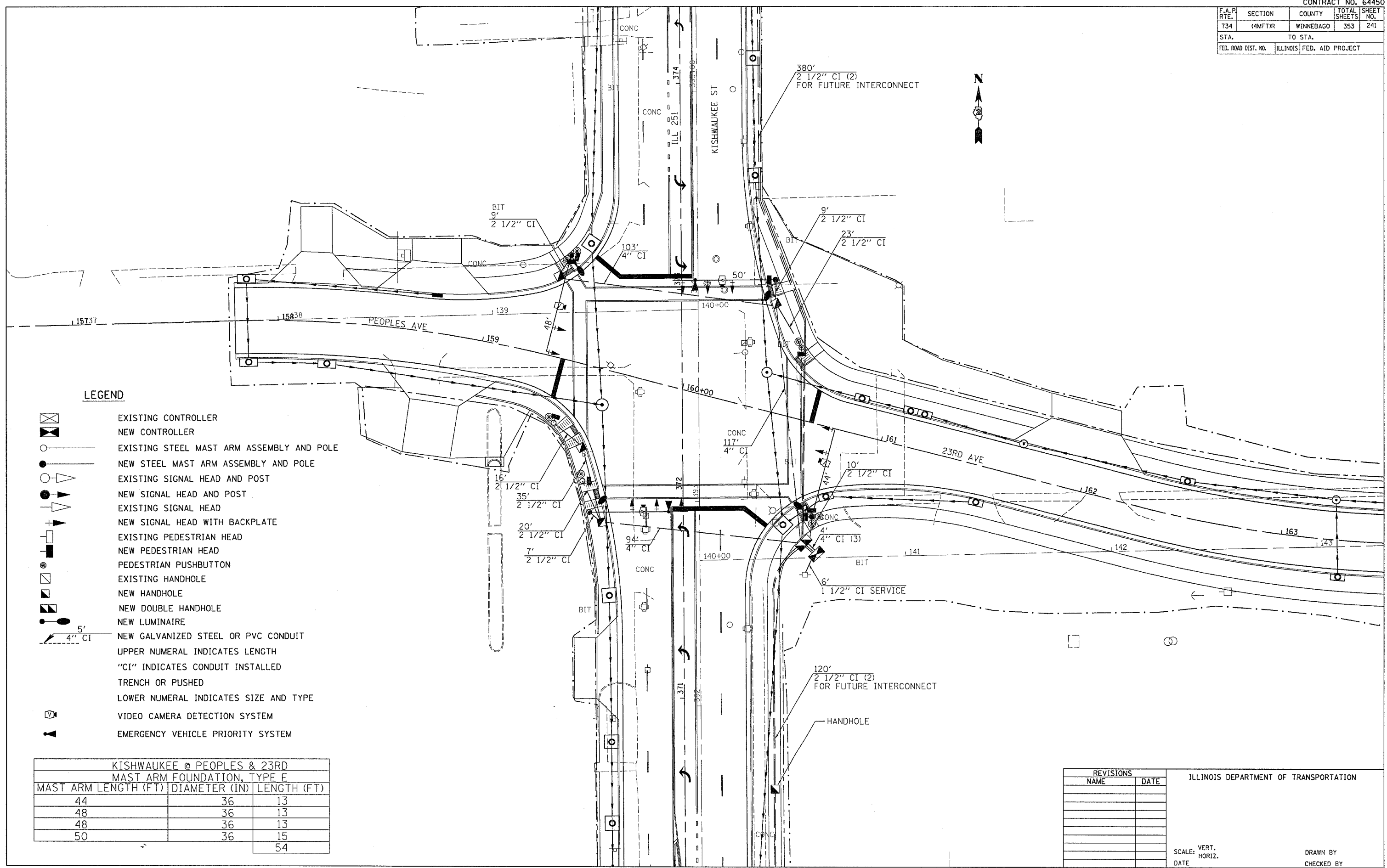
ILLINOIS DEPARTMENT OF TRANSPORTATION

SCALE: VERT. _____
 HORIZ. _____
 DATE _____

DRAWN BY _____
 CHECKED BY _____

**SIGNALS
 INTERCONNECT**

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
734	(4MFT)R	WINNEBAGO	353	241
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		



LEGEND

- EXISTING CONTROLLER
- NEW CONTROLLER
- EXISTING STEEL MAST ARM ASSEMBLY AND POLE
- NEW STEEL MAST ARM ASSEMBLY AND POLE
- EXISTING SIGNAL HEAD AND POST
- NEW SIGNAL HEAD AND POST
- EXISTING SIGNAL HEAD
- NEW SIGNAL HEAD WITH BACKPLATE
- EXISTING PEDESTRIAN HEAD
- NEW PEDESTRIAN HEAD
- PEDESTRIAN PUSHBUTTON
- EXISTING HANDHOLE
- NEW HANDHOLE
- NEW DOUBLE HANDHOLE
- NEW LUMINAIRE
- NEW GALVANIZED STEEL OR PVC CONDUIT
- UPPER NUMERAL INDICATES LENGTH
- "CI" INDICATES CONDUIT INSTALLED
- TRENCH OR PUSHED
- LOWER NUMERAL INDICATES SIZE AND TYPE
- VIDEO CAMERA DETECTION SYSTEM
- EMERGENCY VEHICLE PRIORITY SYSTEM

KISHWAUKEE @ PEOPLES & 23RD MAST ARM FOUNDATION, TYPE E		
MAST ARM LENGTH (FT)	DIAMETER (IN)	LENGTH (FT)
44	36	13
48	36	13
48	36	13
50	36	15
		54

REVISIONS	
NAME	DATE

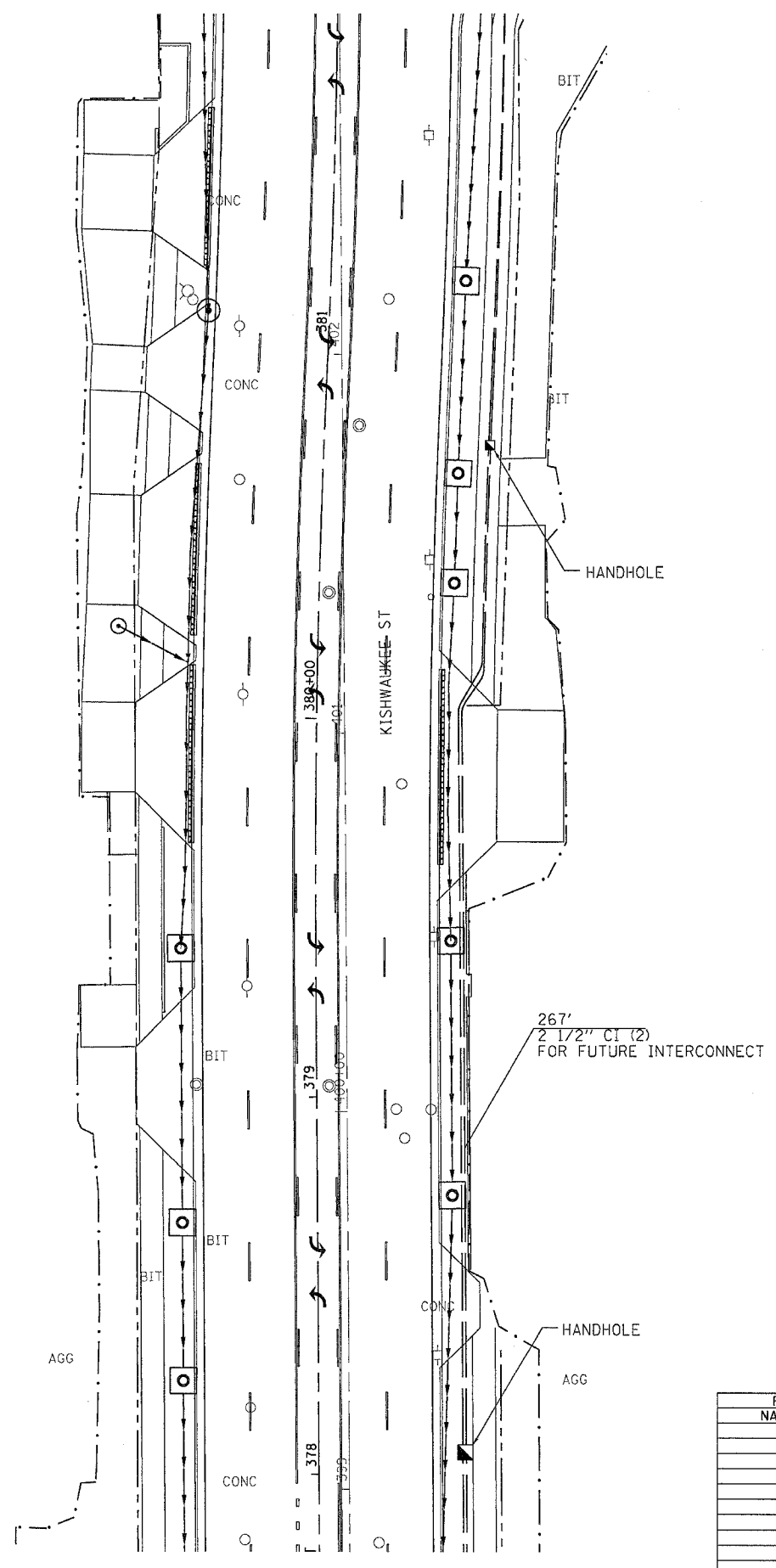
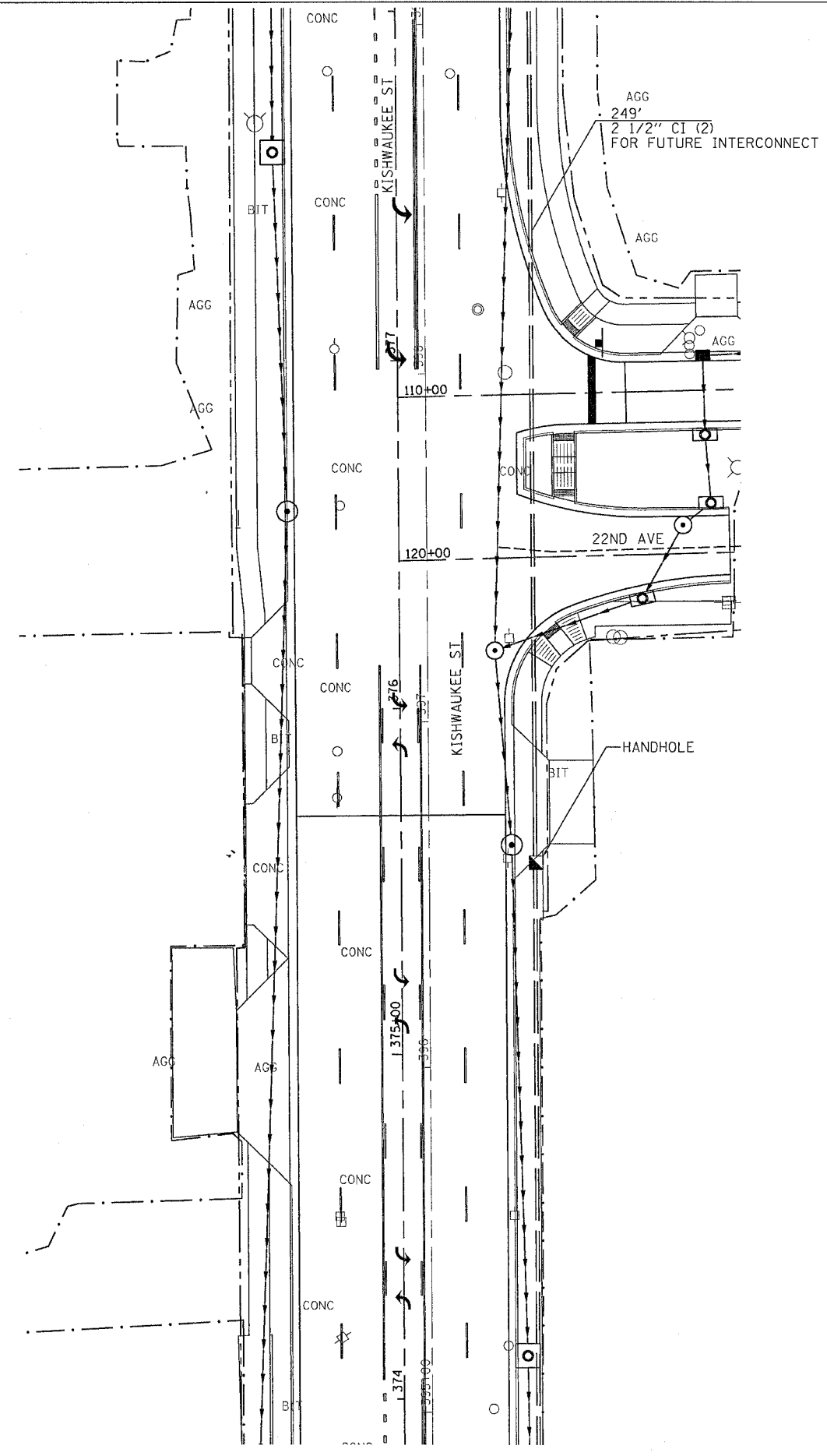
ILLINOIS DEPARTMENT OF TRANSPORTATION

SCALE: VERT. HORIZ.
DATE DATE

DRAWN BY
CHECKED BY

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F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
734	(4MFT)R	WINNEBAGO	353	242
STA.		TO STA.		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		



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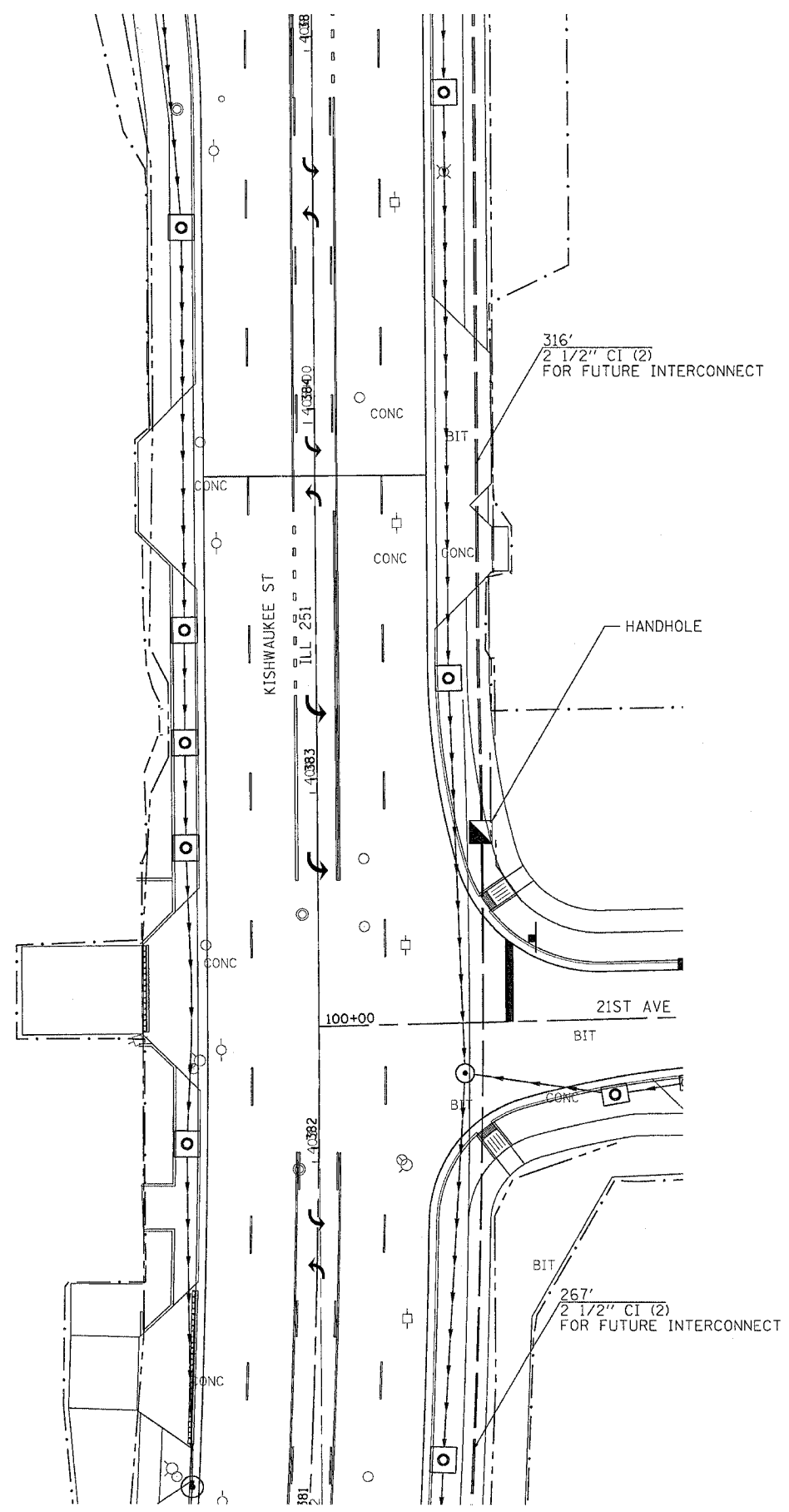
REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION

SCALE: VERT. _____
 HORIZ. _____
 DATE _____

DRAWN BY _____
 CHECKED BY _____

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
734	(4MFT)R	WINNEBAGO	353	243
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS	FED. AID PROJECT	

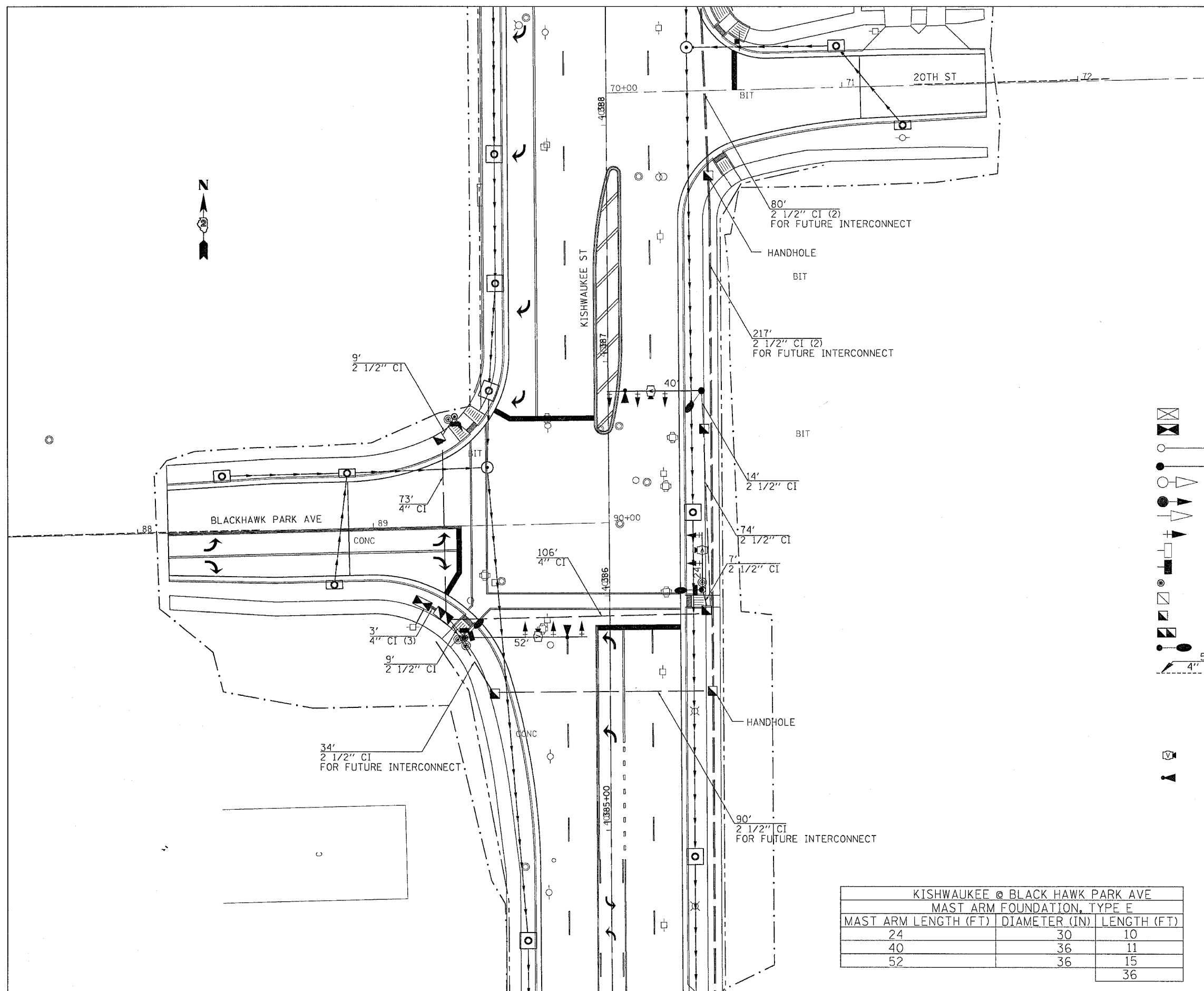


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 USER NAME = grantpm

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

DRAWN BY
 CHECKED BY
SIGNALS INTERCONNECT

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
734	(4MF)R	WINNEBAGO	353	244
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS	FED. AID PROJECT	



LEGEND

- EXISTING CONTROLLER
- NEW CONTROLLER
- EXISTING STEEL MAST ARM ASSEMBLY AND POLE
- NEW STEEL MAST ARM ASSEMBLY AND POLE
- EXISTING SIGNAL HEAD AND POST
- NEW SIGNAL HEAD AND POST
- EXISTING SIGNAL HEAD
- NEW SIGNAL HEAD WITH BACKPLATE
- EXISTING PEDESTRIAN HEAD
- NEW PEDESTRIAN HEAD
- PEDESTRIAN PUSHBUTTON
- EXISTING HANDHOLE
- NEW HANDHOLE
- NEW DOUBLE HANDHOLE
- NEW LUMINAIRE
- NEW GALVANIZED STEEL OR PVC CONDUIT
- UPPER NUMERAL INDICATES LENGTH
- "CI" INDICATES CONDUIT INSTALLED
- TRENCH OR PUSHED
- LOWER NUMERAL INDICATES SIZE AND TYPE
- VIDEO CAMERA DETECTION SYSTEM
- EMERGENCY VEHICLE PRIORITY SYSTEM

KISHWAUKEE @ BLACK HAWK PARK AVE		
MAST ARM FOUNDATION, TYPE E		
MAST ARM LENGTH (FT)	DIAMETER (IN)	LENGTH (FT)
24	30	10
40	36	11
52	36	15
		36

REVISIONS	
NAME	DATE

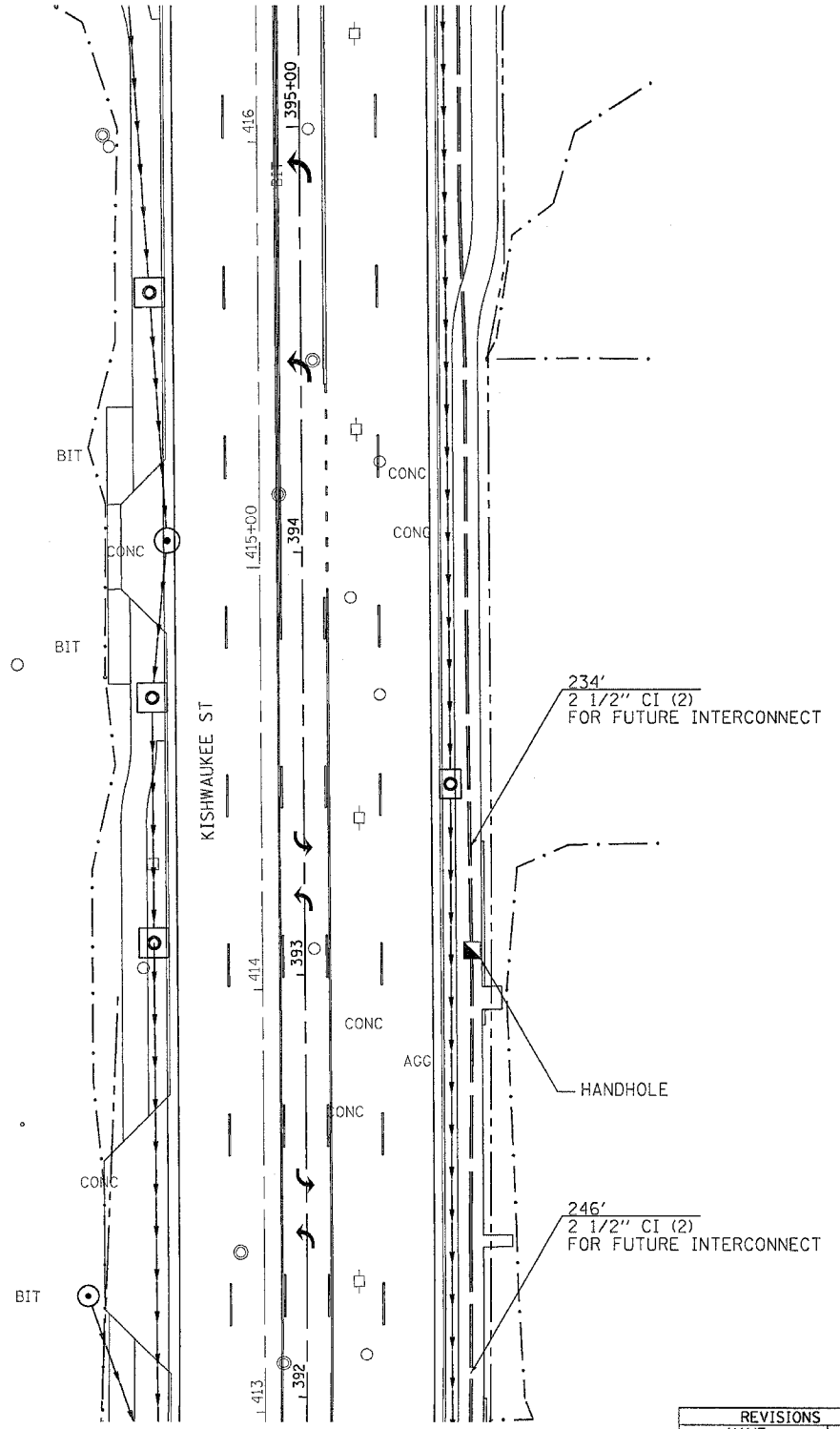
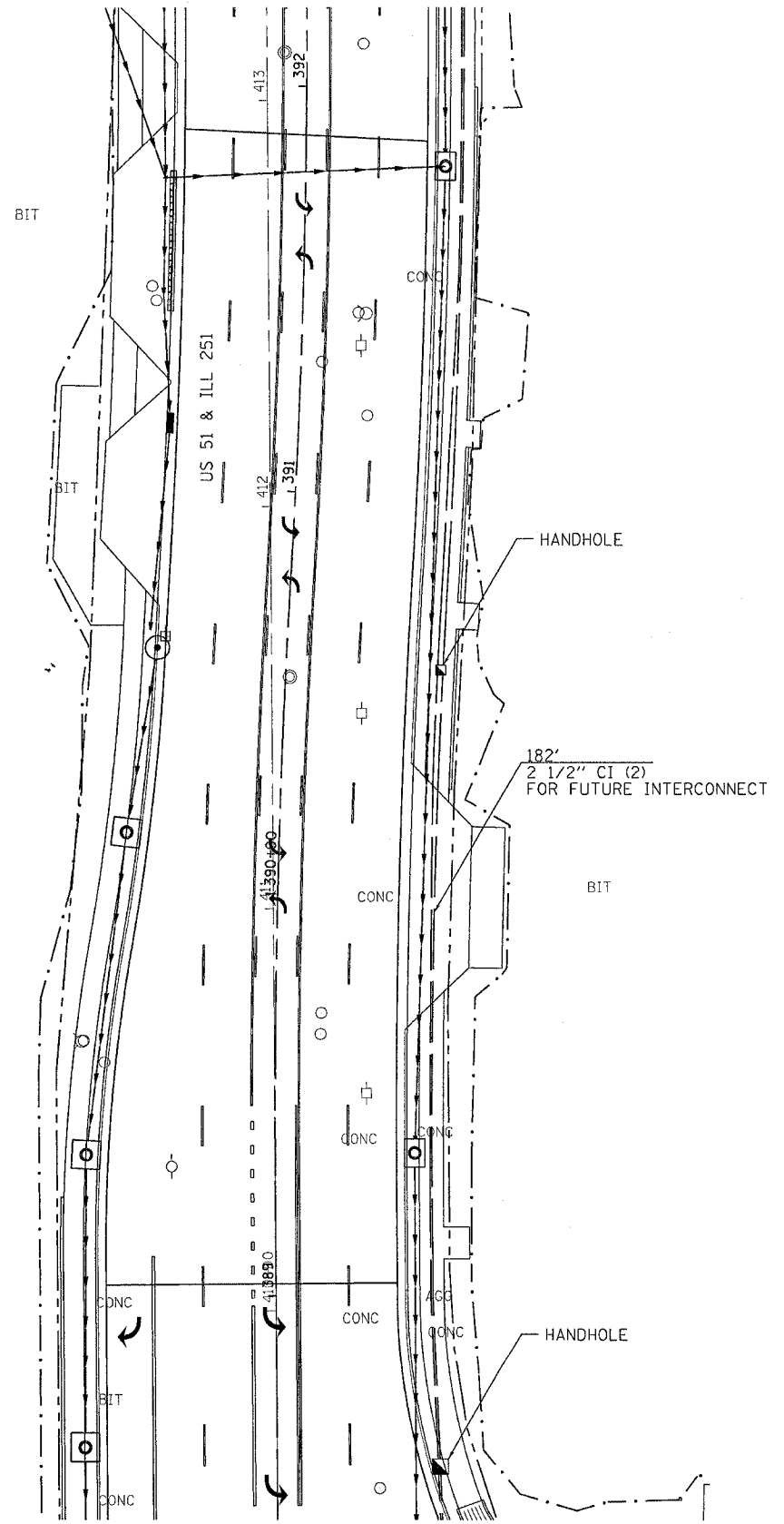
ILLINOIS DEPARTMENT OF TRANSPORTATION

SCALE: VERT. _____
 DATE _____ HORIZ. _____

DRAWN BY _____
 CHECKED BY _____

PLOT DATE = Mon Apr 30 10:33:58 2007
 FILE NAME = c:\p\proj\p21689g\p21689g\p21689g.dgn
 PLOT SCALE = 1/8" = 1'-0"
 USER NAME = graham

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
734	4MFTJR	WINNEBAGO	353	245
STA.		TO STA.		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		



PLOT DATE = Mon Apr 28 10:28:51 2008
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 USER NAME = grantpm

REVISIONS	
NAME	DATE





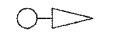

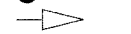






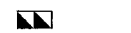

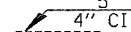


ILLINOIS DEPARTMENT OF TRANSPORTATION

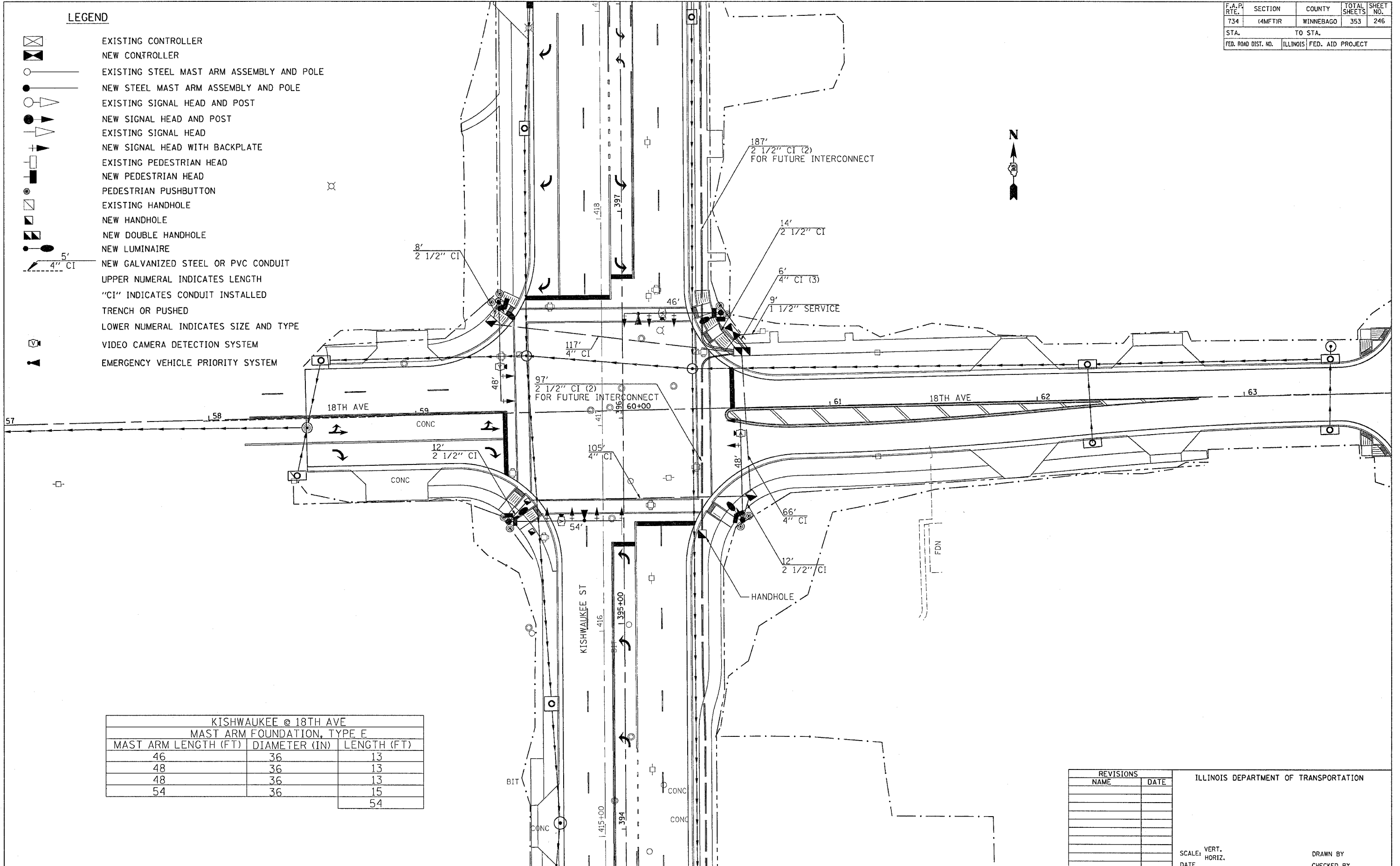
SCALE: VERT. _____
 HORIZ. _____
 DATE _____

DRAWN BY _____
 CHECKED BY _____

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
734	(4MFT)R	WINNEBAGO	353	246
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		

LEGEND

-  EXISTING CONTROLLER
-  NEW CONTROLLER
-  EXISTING STEEL MAST ARM ASSEMBLY AND POLE
-  NEW STEEL MAST ARM ASSEMBLY AND POLE
-  EXISTING SIGNAL HEAD AND POST
-  NEW SIGNAL HEAD AND POST
-  EXISTING SIGNAL HEAD
-  NEW SIGNAL HEAD WITH BACKPLATE
-  EXISTING PEDESTRIAN HEAD
-  NEW PEDESTRIAN HEAD
-  PEDESTRIAN PUSHBUTTON
-  EXISTING HANDHOLE
-  NEW HANDHOLE
-  NEW DOUBLE HANDHOLE
-  NEW LUMINAIRE
-  NEW GALVANIZED STEEL OR PVC CONDUIT
- UPPER NUMERAL INDICATES LENGTH
- "CI" INDICATES CONDUIT INSTALLED
- TRENCH OR PUSHED
- LOWER NUMERAL INDICATES SIZE AND TYPE
-  VIDEO CAMERA DETECTION SYSTEM
-  EMERGENCY VEHICLE PRIORITY SYSTEM



KISHWAUKEE @ 18TH AVE		
MAST ARM FOUNDATION, TYPE E		
MAST ARM LENGTH (FT)	DIAMETER (IN)	LENGTH (FT)
46	36	13
48	36	13
48	36	13
54	36	15
		54

REVISIONS	
NAME	DATE

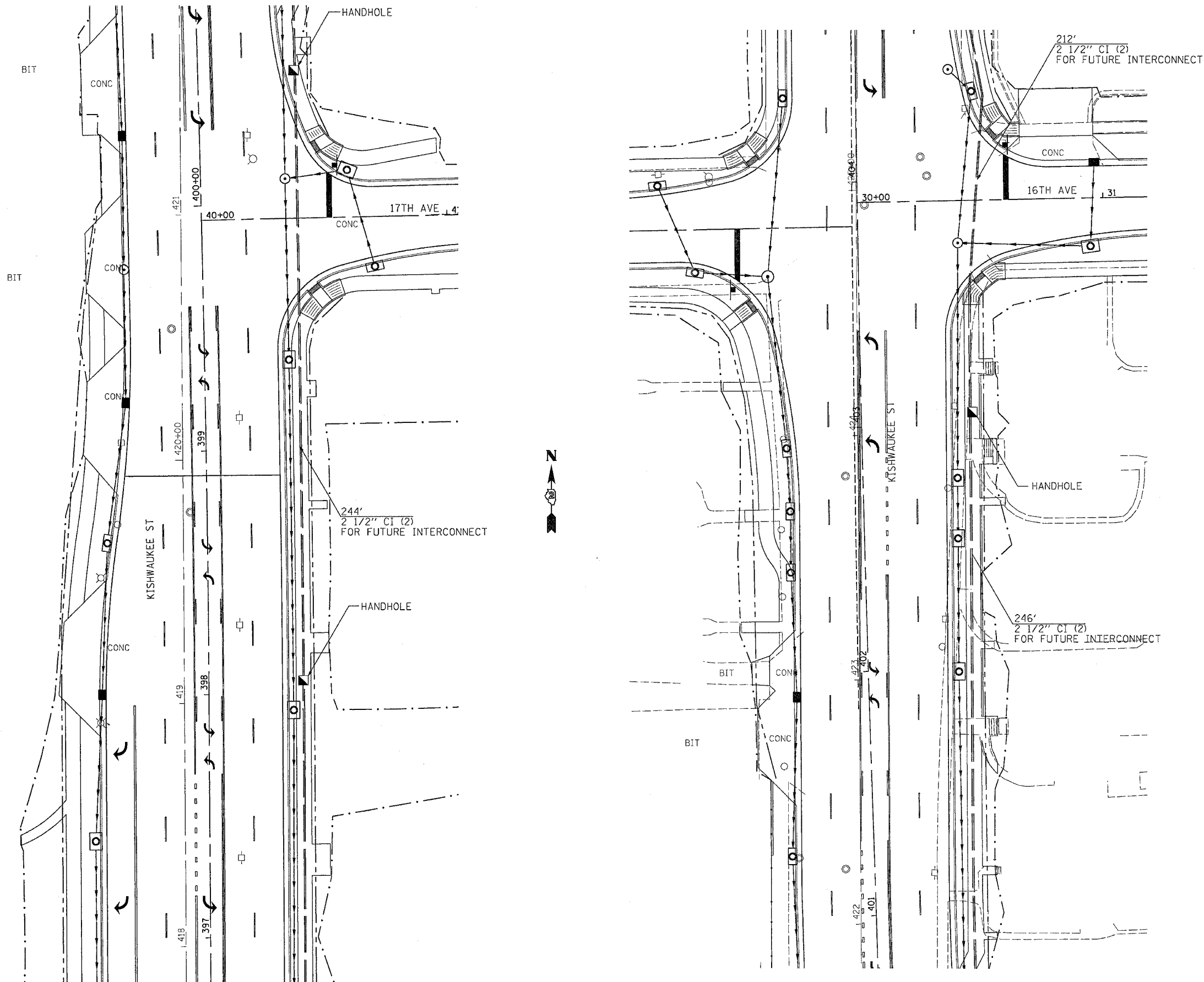
ILLINOIS DEPARTMENT OF TRANSPORTATION

SCALE: VERT. DATE
HORIZ.

DRAWN BY
CHECKED BY

PLOT DATE = Mon Apr 30 10:35:53 2007
 PLOT SCALE = 20/1000
 USER NAME = granton

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
734	44MFT/R	WINNEBAGO	353	247
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS	FED. AID PROJECT	



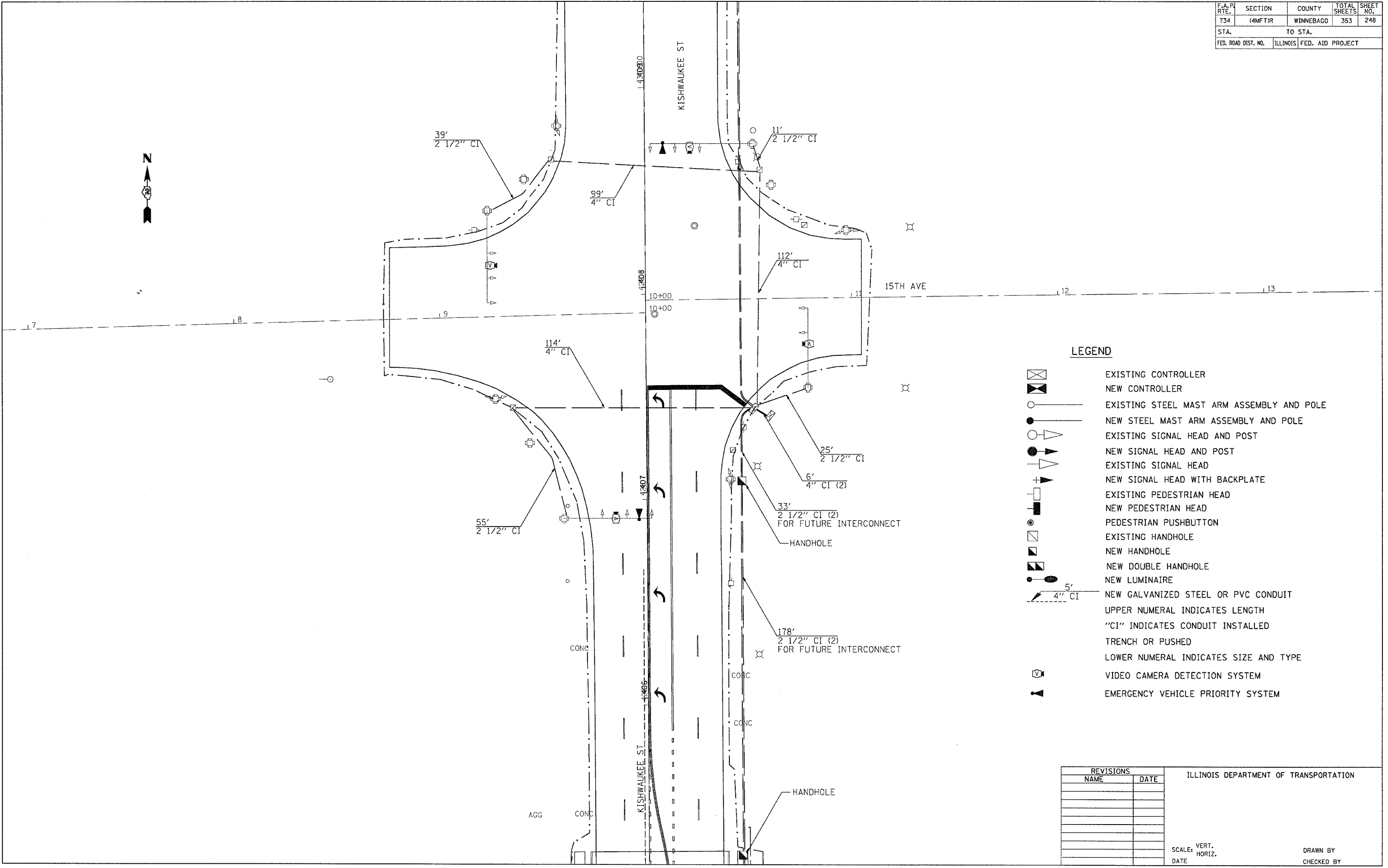
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 PLOT SCALE = 20.0000 / IN.
 USER NAME = grentpn

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION

SCALE: VERT. DRAWN BY
 HORIZ. CHECKED BY
 DATE

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
734	(4MFT)R	WINNEBAGO	353	248
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS	FED. AID PROJECT	



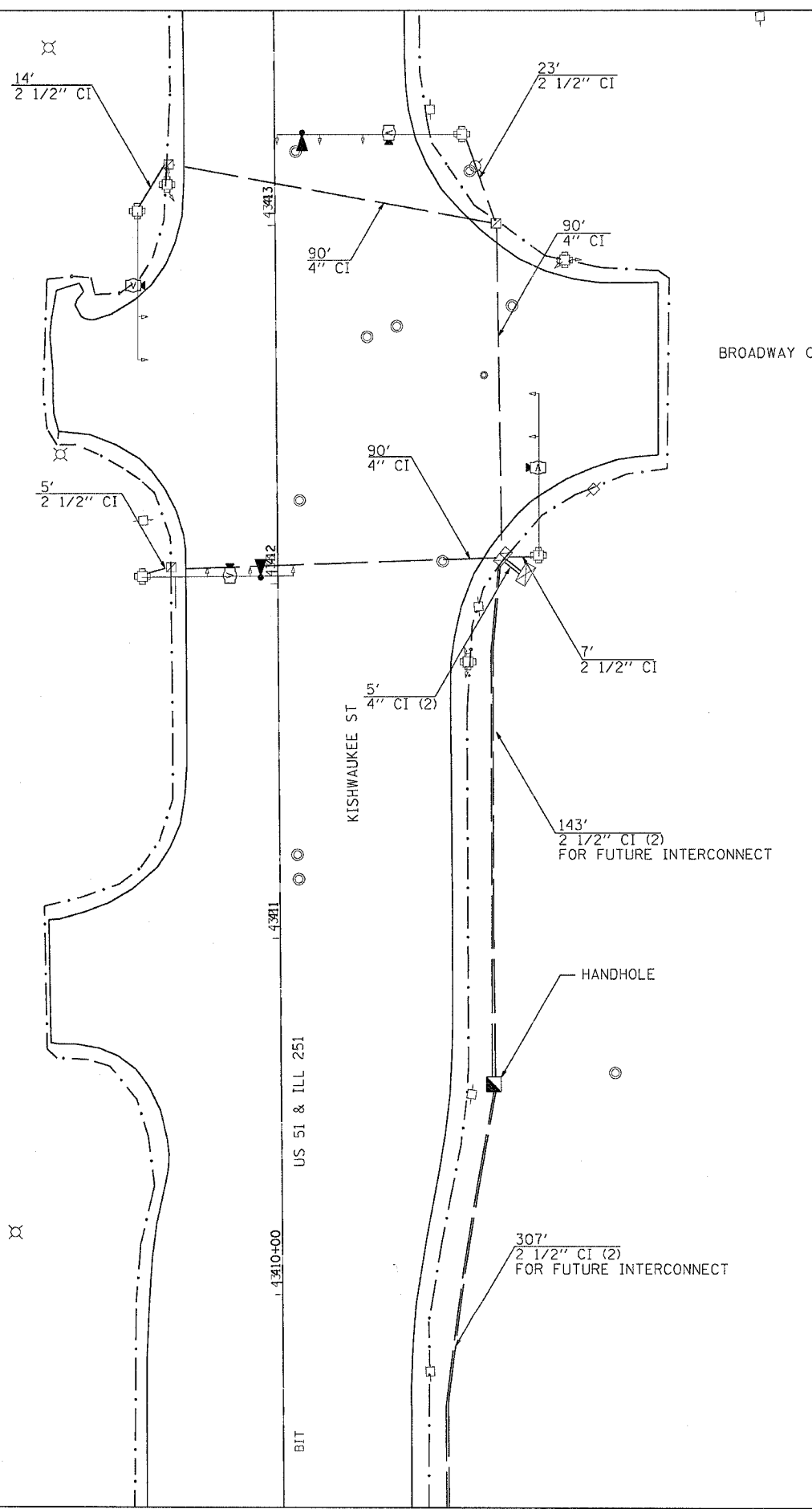
LEGEND

- EXISTING CONTROLLER
- NEW CONTROLLER
- EXISTING STEEL MAST ARM ASSEMBLY AND POLE
- NEW STEEL MAST ARM ASSEMBLY AND POLE
- EXISTING SIGNAL HEAD AND POST
- NEW SIGNAL HEAD AND POST
- EXISTING SIGNAL HEAD
- NEW SIGNAL HEAD WITH BACKPLATE
- EXISTING PEDESTRIAN HEAD
- NEW PEDESTRIAN HEAD
- PEDESTRIAN PUSHBUTTON
- EXISTING HANDHOLE
- NEW HANDHOLE
- NEW DOUBLE HANDHOLE
- NEW LUMINAIRE
- NEW GALVANIZED STEEL OR PVC CONDUIT
- UPPER NUMERAL INDICATES LENGTH
- "CI" INDICATES CONDUIT INSTALLED
- TRENCH OR PUSHED
- LOWER NUMERAL INDICATES SIZE AND TYPE
- VIDEO CAMERA DETECTION SYSTEM
- EMERGENCY VEHICLE PRIORITY SYSTEM

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

PLOT DATE = Nov 09 2007
 FILE NAME = c:\pwork\64450\15th\15th.dgn
 PLOT SCALE = 1/8" = 1'-0"
 USER NAME = grompton

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
734	(4MFT)R	WINNEBAGO	353	249
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS	FED. AID PROJECT	



LEGEND

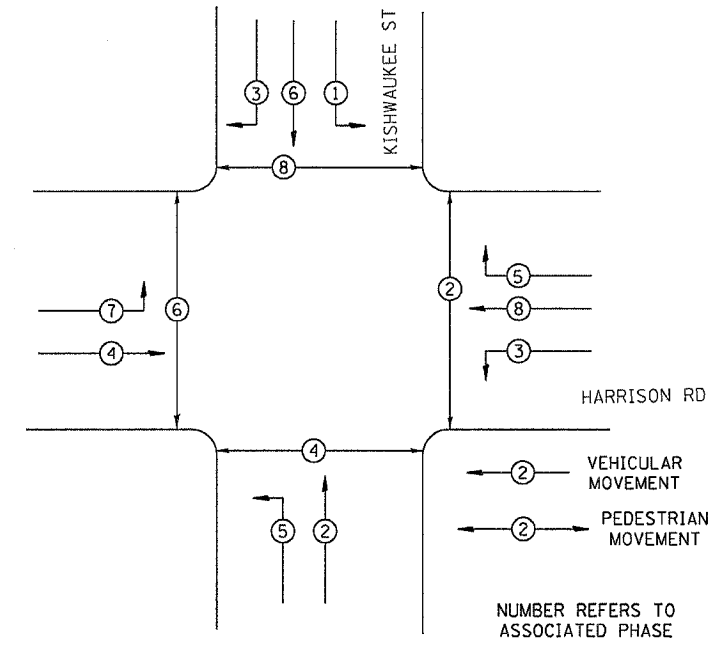
- EXISTING CONTROLLER
- NEW CONTROLLER
- EXISTING STEEL MAST ARM ASSEMBLY AND POLE
- NEW STEEL MAST ARM ASSEMBLY AND POLE
- EXISTING SIGNAL HEAD AND POST
- NEW SIGNAL HEAD AND POST
- EXISTING SIGNAL HEAD
- NEW SIGNAL HEAD WITH BACKPLATE
- EXISTING PEDESTRIAN HEAD
- NEW PEDESTRIAN HEAD
- PEDESTRIAN PUSHBUTTON
- EXISTING HANDHOLE
- NEW HANDHOLE
- NEW DOUBLE HANDHOLE
- NEW LUMINAIRE
- NEW GALVANIZED STEEL OR PVC CONDUIT
- UPPER NUMERAL INDICATES LENGTH
- "CI" INDICATES CONDUIT INSTALLED
- TRENCH OR PUSHED
- LOWER NUMERAL INDICATES SIZE AND TYPE
- VIDEO CAMERA DETECTION SYSTEM
- EMERGENCY VEHICLE PRIORITY SYSTEM

PLOT DATE = Nov 04 2010 10:26:51 2007
 FILE NAME = D:\cadd\10333\10333.dwg
 PLOT SCALE = 20.00000 / 1.00000
 USER NAME = ggrantpm

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

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
734	(4MFT)R	WINNEBAGO	353	250
STA.		TO STA.		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		

PHASE DESIGNATION DIAGRAM

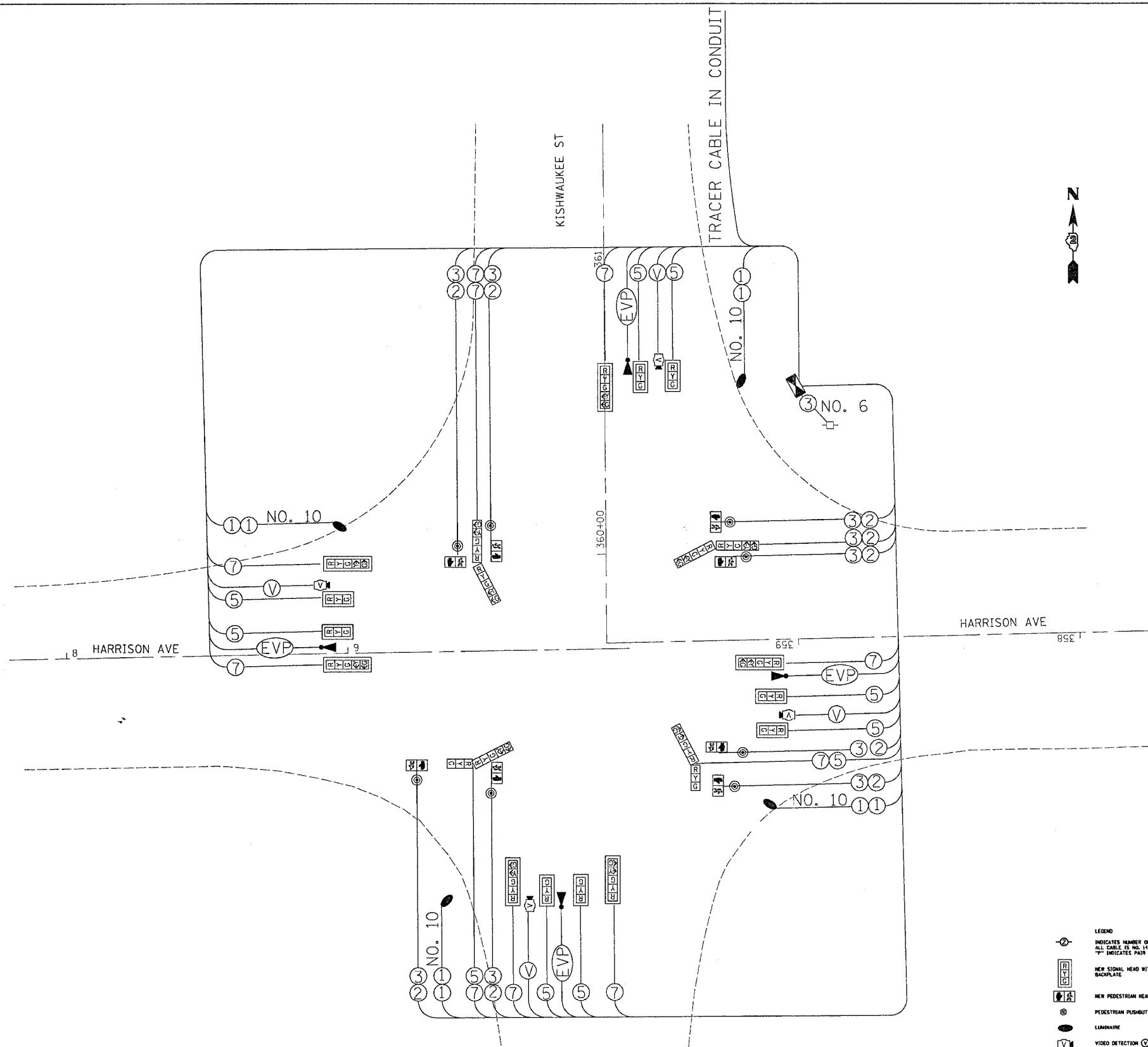


KISHWAUKEE AT HARRISON		
DETECTOR	PHASE NO.	DIRECTION
A	6	SB FAR ADVANCE
B	6	SB MID ADVANCE
C	6	SB PRESENT
D	1	SB LEFT
E	2	NB FAR ADVANCE
F	2	NB MID ADVANCE
G	2	NB PRESENT
H	5	NB LEFT
I	8	WB FAR ADVANCE
J	8	WB MID ADVANCE
K	8	WB PRESENT
L	3	WB LEFT
M	4	EB FAR ADVANCE
N	4	EB MID ADVANCE
O	4	EB PRESENT
P	7	EB LEFT

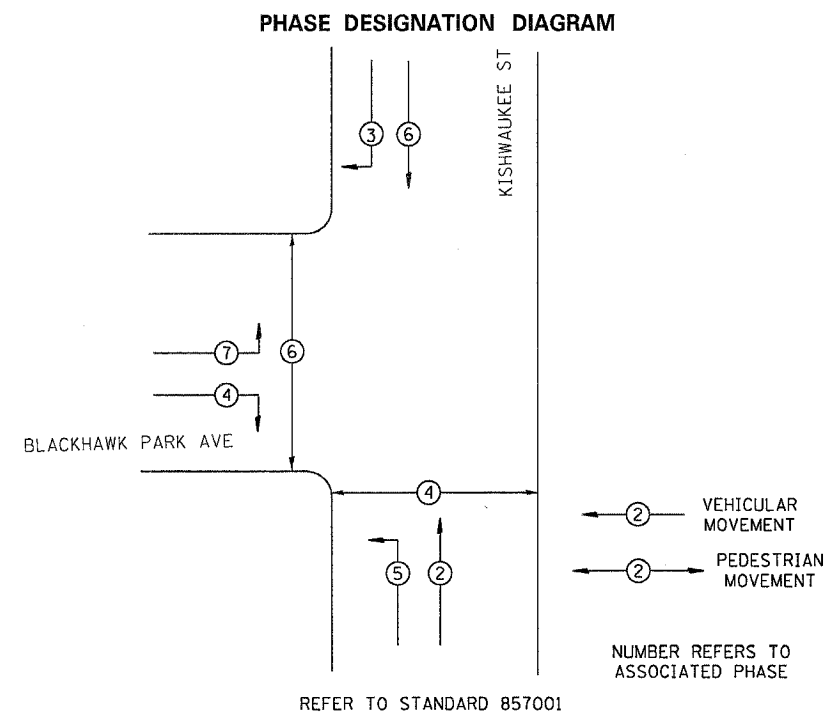
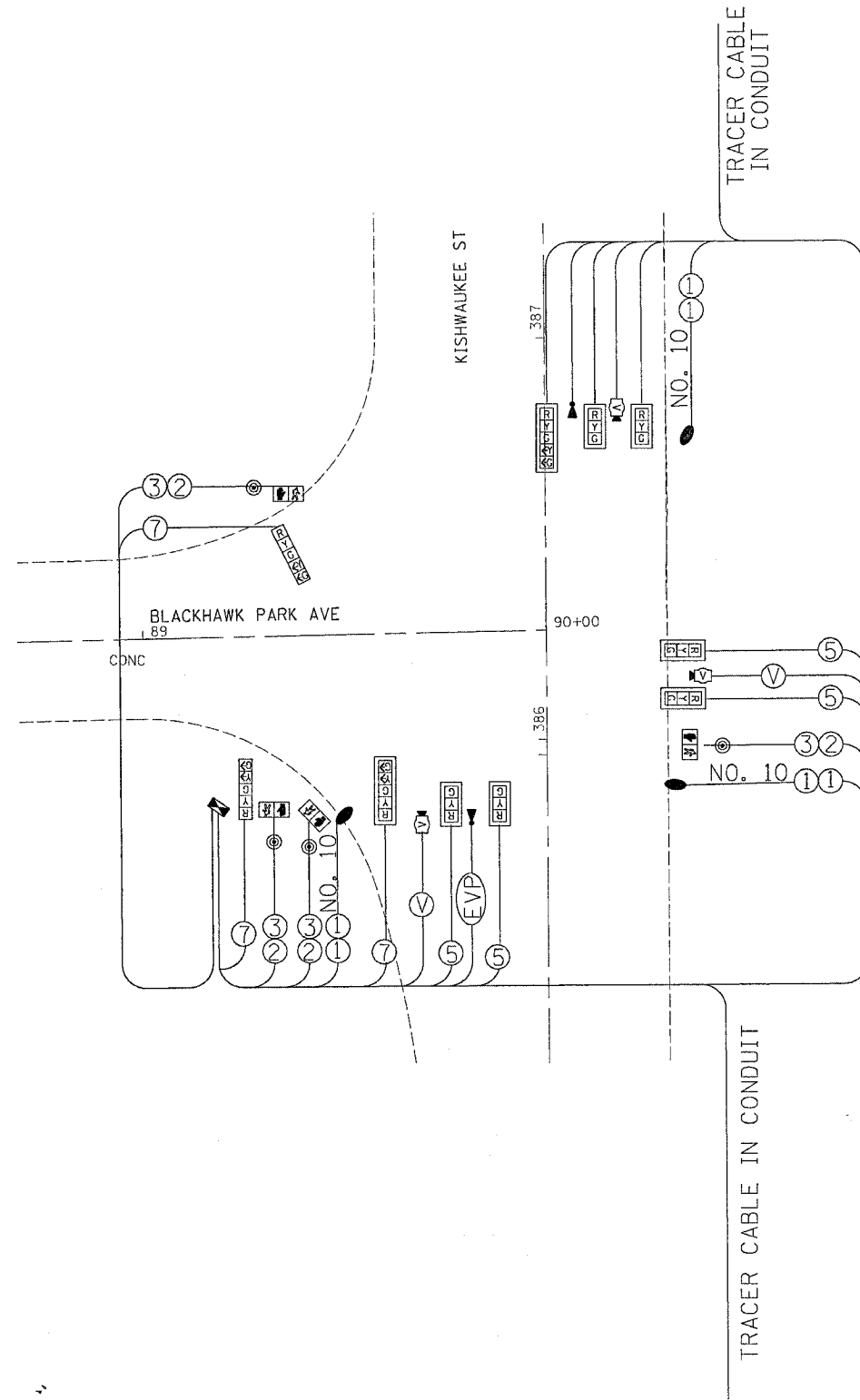
- LEGEND
- INDICATES NUMBER OF NEW CONDUCTORS. ALL CABLE IS IN. EXCEPT AS INDICATED. "P" INDICATES PAIR CABLE
 - NEW SIGNAL HEAD WITH OR WITHOUT BACKPLATE
 - NEW PEDESTRIAN HEAD - LED
 - PEDESTRIAN PUSHBUTTON
 - LUMINAIRE
 - ⊕ VIDEO DETECTION ○ INDICATES WIRING
 - ⚡ EMERGENCY VEHICLE PRIORITY ○ INDICATES WIRING

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

PLOT DATE = Mon Apr 30 10:36:53 2007
 PLOT SCALE = 20.000000 / IN.
 USER NAME = ggrant



F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
734	(4MFT)R	WINNEBAGO	353	252
STA.		TO STA.		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		



DETECTOR	PHASE NO.	DIRECTION
A	6	SB FAR ADVANCE
B	6	SB MID ADVANCE
C	6	SB PRESENT
D	2	NB FAR ADVANCE
E	2	NB MID ADVANCE
F	2	NB PRESENT
G	5	NB LEFT
H	4	EB PRESENT
I	7	EB PRESENT

- LEGEND
- ⊙ INDICATES NUMBER OF NEW CONDUCTORS. ALL CABLE IS NO. 14 EXCEPT AS INDICATED. "P" INDICATES PAIR CABLE.
 - [Symbol] NEW SIGNAL HEAD WITH OR WITHOUT BACKPLATE
 - [Symbol] NEW PEDESTRIAN HEAD - LED
 - [Symbol] PEDESTRIAN PUSHBUTTON
 - [Symbol] LUMINAIRE
 - [Symbol] VIDEO DETECTION (⊙) INDICATES WIRING
 - [Symbol] EMERGENCY VEHICLE PRIORITY INDICATES WIRING

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION

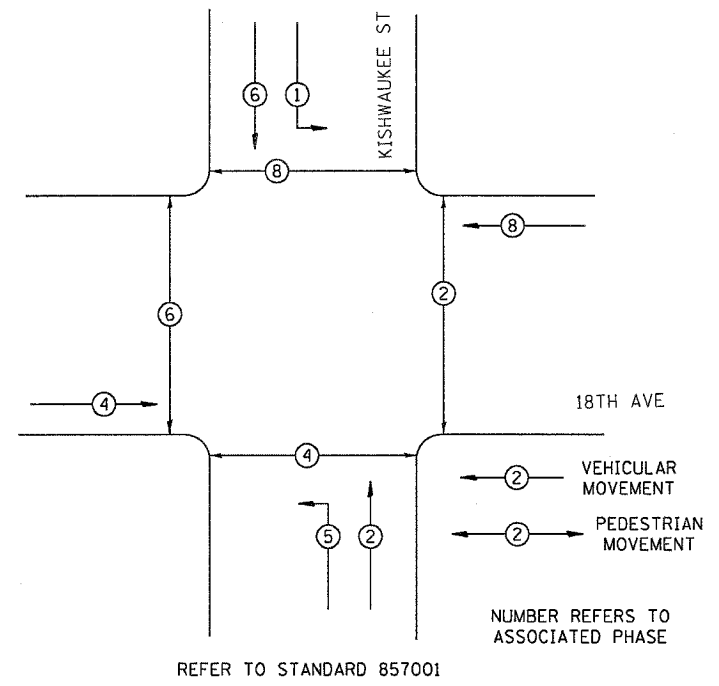
SCALE: VERT. _____
 HORIZ. _____
 DATE _____

DRAWN BY _____
 CHECKED BY _____

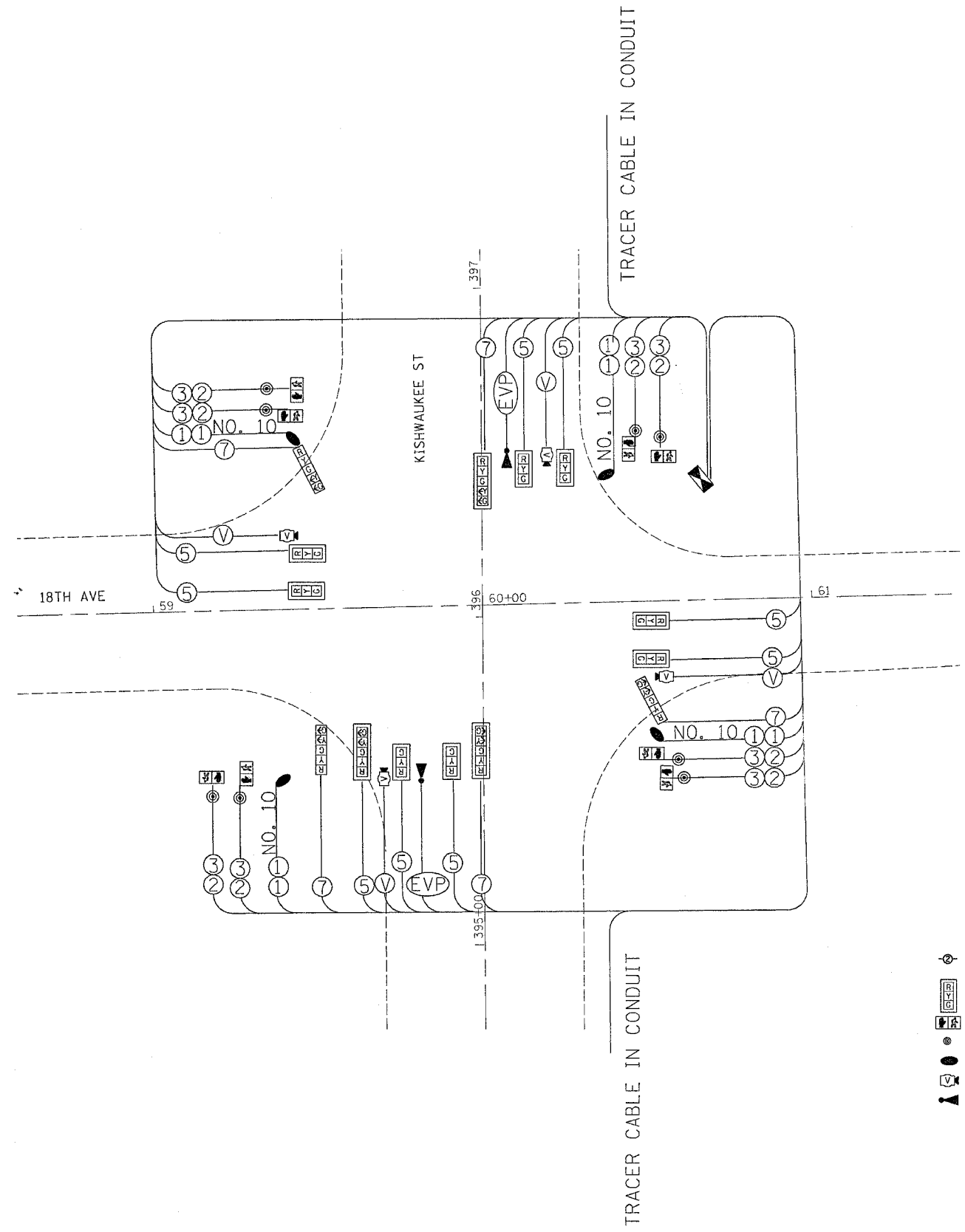
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 USER NAME = granton

F.A.P. RY.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
734	(4MFT)R	WINNEBAGO	353	253
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS	FED. AID PROJECT	

PHASE DESIGNATION DIAGRAM



KISHWAUKEE AT 18TH		
DETECTOR	PHASE NO.	DIRECTION
A	6	SB FAR ADVANCE
B	6	SB MID ADAVANCE
C	6	SB PRESENT
D	1	SB LEFT
E	2	NB FAR ADVANCE
F	2	NB MID ADAVANCE
G	2	NB PRESENT
H	5	NB LEFT
I	8	WB FAR ADVANCE
J	8	WB MID ADAVANCE
K	8	WB PRESENT
L	4	EB FAR ADVANCE
M	4	EB MID ADAVANCE
N	4	EB PRESENT



- LEGEND
- ⊙ INDICATES NUMBER OF NEW CONDUCTORS. ALL CABLE IS NO. 14 EXCEPT AS INDICATED. ** INDICATES PAIR CABLE
 - [Signal Head Symbol] NEW SIGNAL HEAD WITH OR WITHOUT BACKPLATE
 - [Pedestrian Head Symbol] NEW PEDESTRIAN HEAD - LED
 - ⊙ PEDESTRIAN PUSHBUTTON
 - ⊙ LUMINAIRE
 - [Video Detection Symbol] VIDEO DETECTION ⊙ INDICATES WIRING
 - [EVP Symbol] EMERGENCY VEHICLE PRIORITY (EVP) INDICATES WIRING

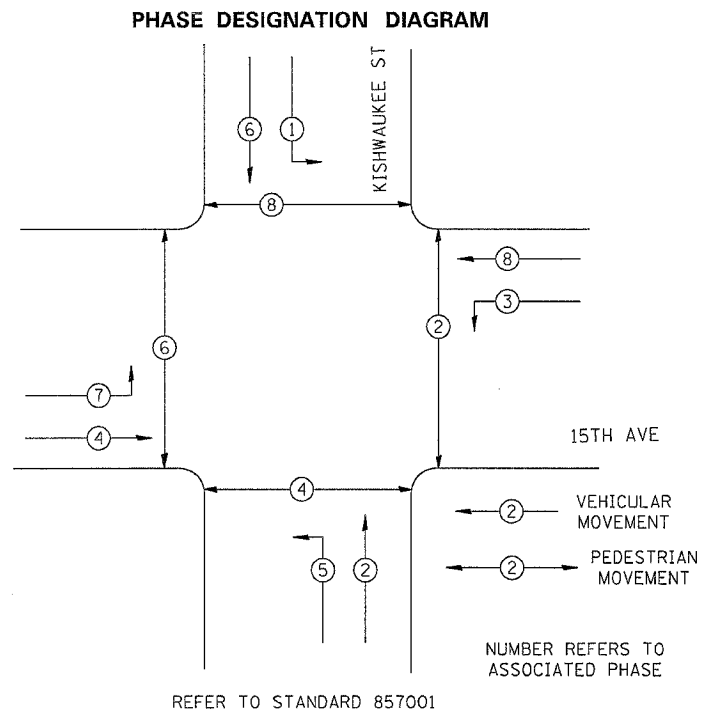
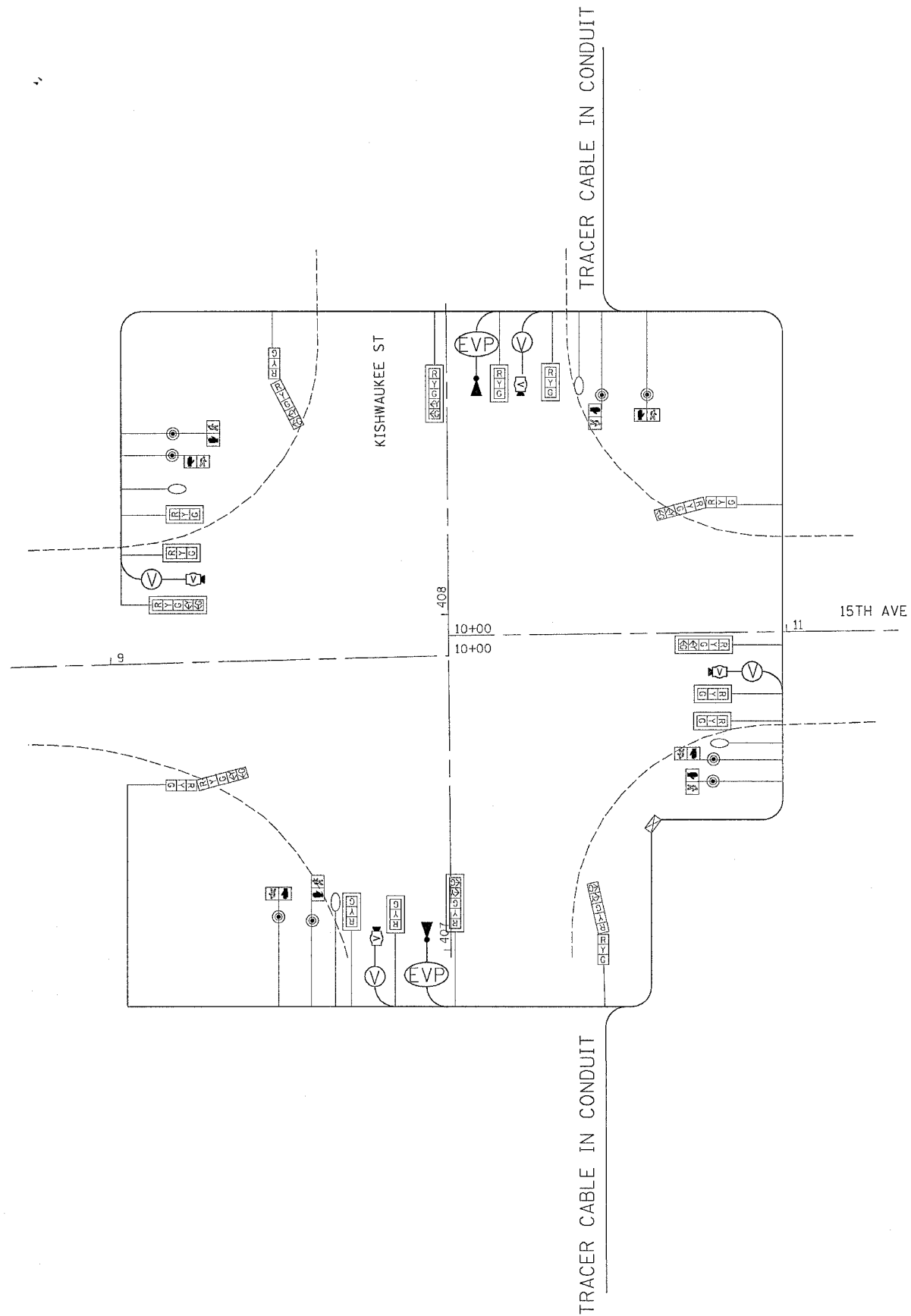


PLOT DATE = Nov. 09. 2007
 FILE NAME = c:\p1\2007\11\20\112007.dgn
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 USER NAME = grompam

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

DRAWN BY
CHECKED BY

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
734	(4MFT)R	WINNEBAGO	353	254
STA.		TO STA.		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		



KISHWAUKEE AT 15TH		
DETECTOR	PHASE NO.	DIRECTION
A	6	SB FAR ADVANCE
B	6	SB MID ADAVANCE
C	6	SB PRESENT
D	1	SB LEFT
E	2	NB FAR ADVANCE
F	2	NB MID ADAVANCE
G	2	NB PRESENT
H	5	NB LEFT
I	8	WB FAR ADVANCE
J	8	WB MID ADAVANCE
K	8	WB PRESENT
L	3	WB LEFT
M	4	EB FAR ADVANCE
N	4	EB MID ADAVANCE
O	4	EB PRESENT
P	7	EB LEFT

- LEGEND**
- INDICATES NUMBER OF NEW CONDUCTORS. ALL CABLE IS NO. 14 EXCEPT AS INDICATED. "P" INDICATES PAIR CABLE.
 - NEW SIGNAL HEAD WITH OR WITHOUT BACKPLATE.
 - NEW PEDESTRIAN HEAD - LED.
 - PEDESTRIAN PUSHBUTTON.
 - LUMINAIRE.
 - VIDEO DETECTION ○ INDICATES WIRING.
 - △ EMERGENCY VEHICLE PRIORITY △ INDICATES WIRING.

PLOT DATE = Nov Apr 30 10:25:51 2007
 FILE NAME = \\s0151596\64450\64450.dgn
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 USER NAME = ggrantipm

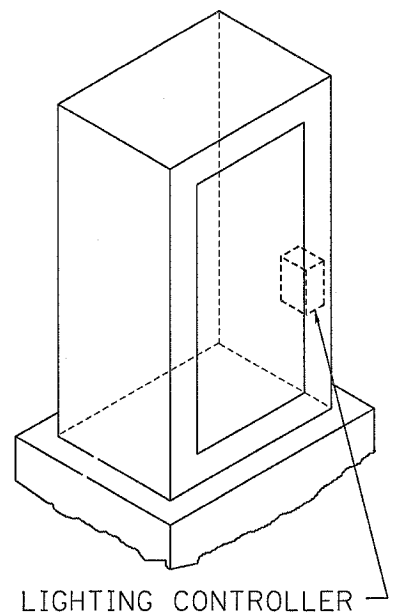
REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION

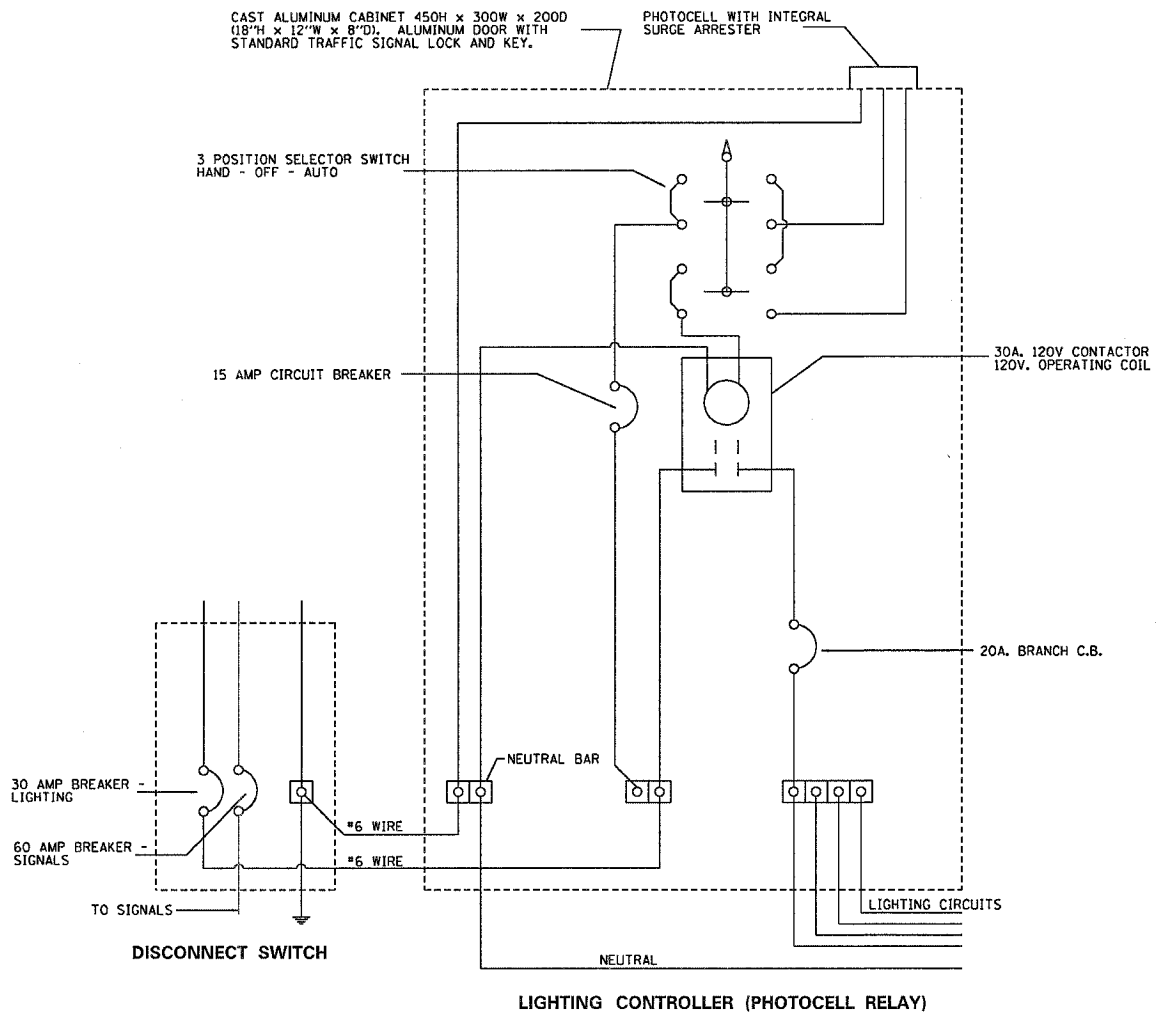
SCALE: VERT. _____
 HORIZ. _____
 DATE _____

DRAWN BY _____
 CHECKED BY _____

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
734	(4MFT)R	WINNEBAGO	353	257
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		



LIGHTING CONTROLLER



CAST ALUMINUM CABINET 450H x 300W x 200D (18"H x 12"W x 8"D). ALUMINUM DOOR WITH STANDARD TRAFFIC SIGNAL LOCK AND KEY.

PHOTOCELL WITH INTEGRAL SURGE ARRESTER

3 POSITION SELECTOR SWITCH HAND - OFF - AUTO

15 AMP CIRCUIT BREAKER

30A. 120V CONTACTOR 120V. OPERATING COIL

20A. BRANCH C.B.

30 AMP BREAKER LIGHTING

60 AMP BREAKER SIGNALS

TO SIGNALS

DISCONNECT SWITCH

NEUTRAL BAR

#6 WIRE

#6 WIRE

NEUTRAL

LIGHTING CIRCUITS

LIGHTING CONTROLLER (PHOTOCELL RELAY)

PLOT DATE = Mon Apr 30 10:38:55 2007
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 PLOT SCALE = 28.0000 / 1 IN.
 USER NAME = grantam

REVISIONS	
NAME	DATE

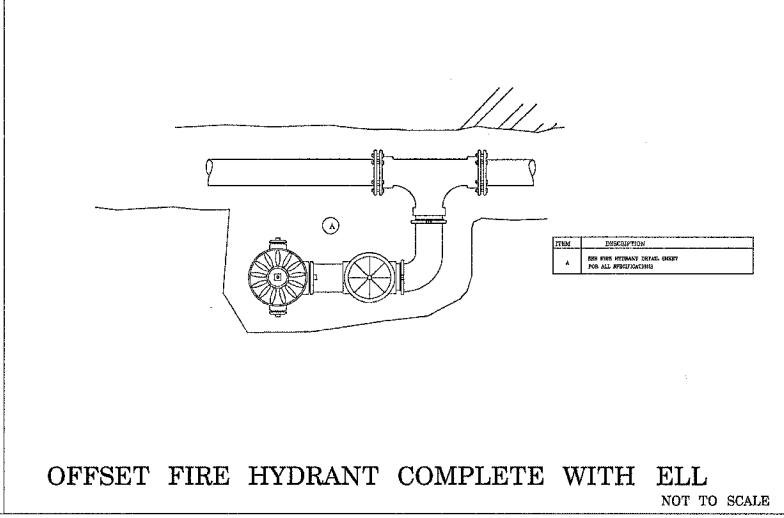
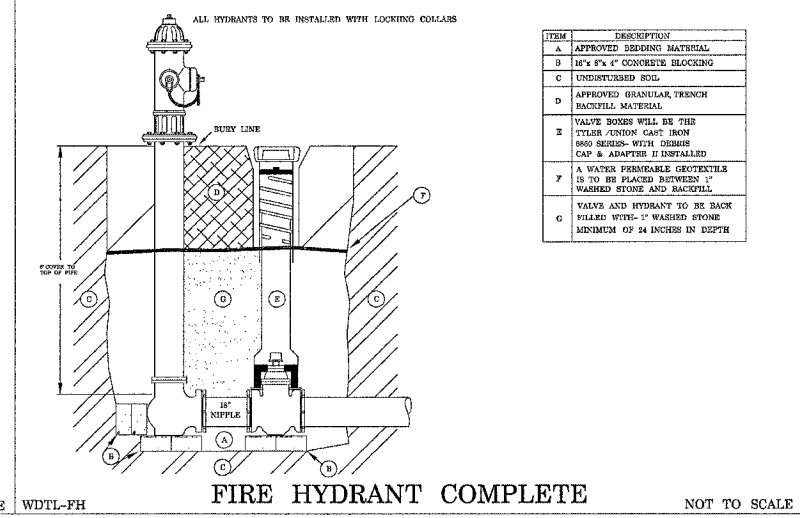
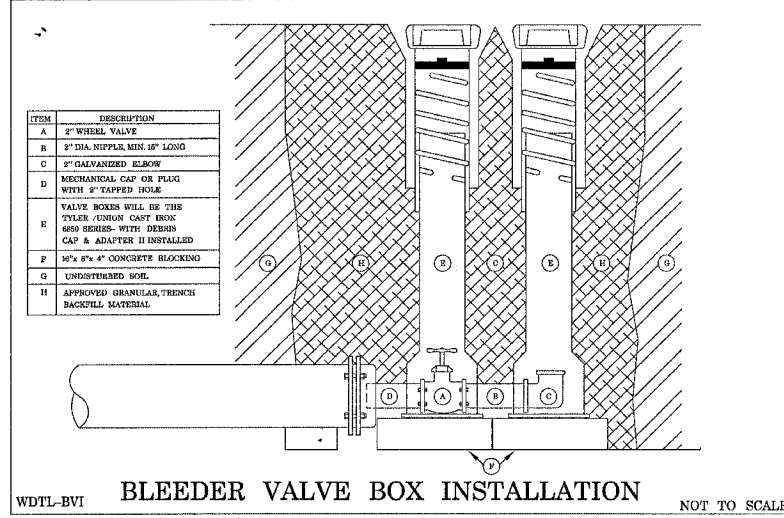
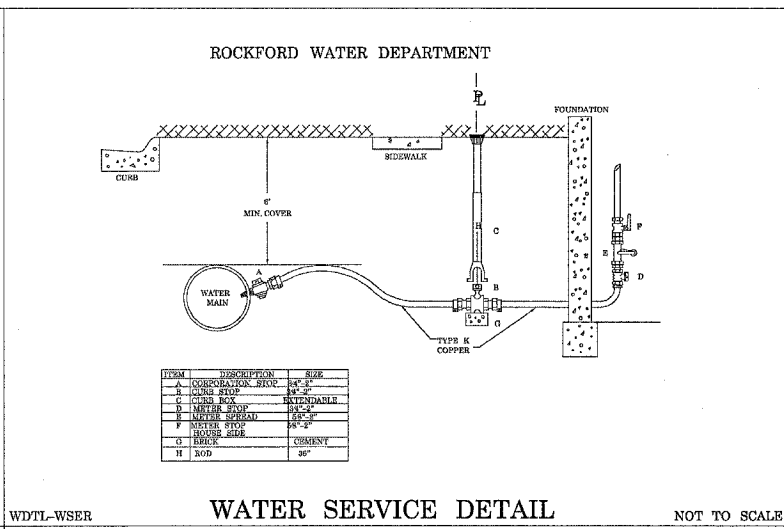
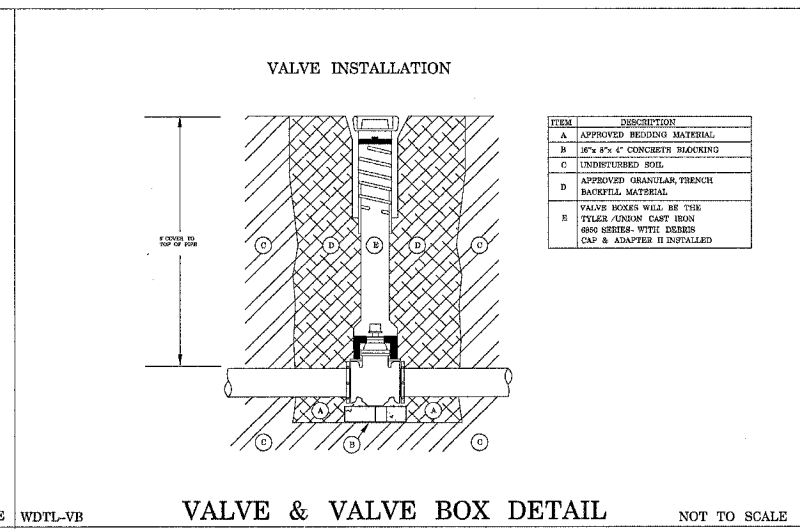
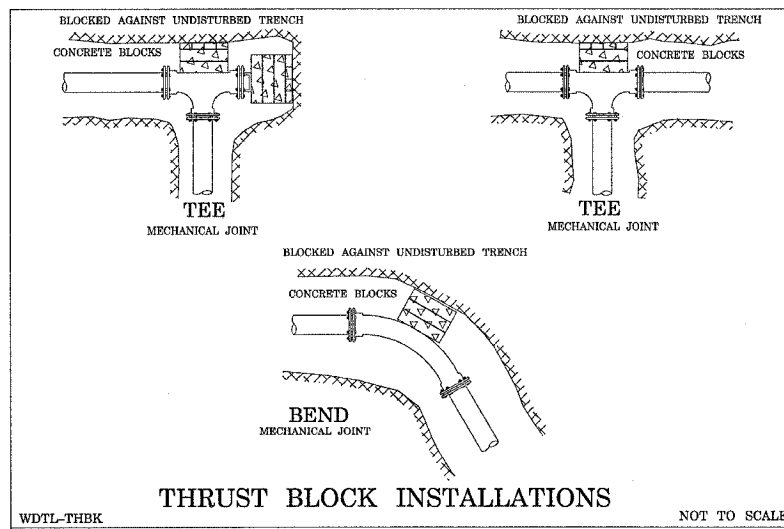
ILLINOIS DEPARTMENT OF TRANSPORTATION

SCALE: VERT. / HORIZ. / DATE

DRAWN BY / CHECKED BY

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
734	(4MFT)R	WINNEBAGO	353	258
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		

WATERMAIN DETAILS



PLOT DATE = Fri, Aug 27, 05:37:04, 2007
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 PLOT SCALE = 1/8" = 1'-0"
 USER NAME = ggrantem

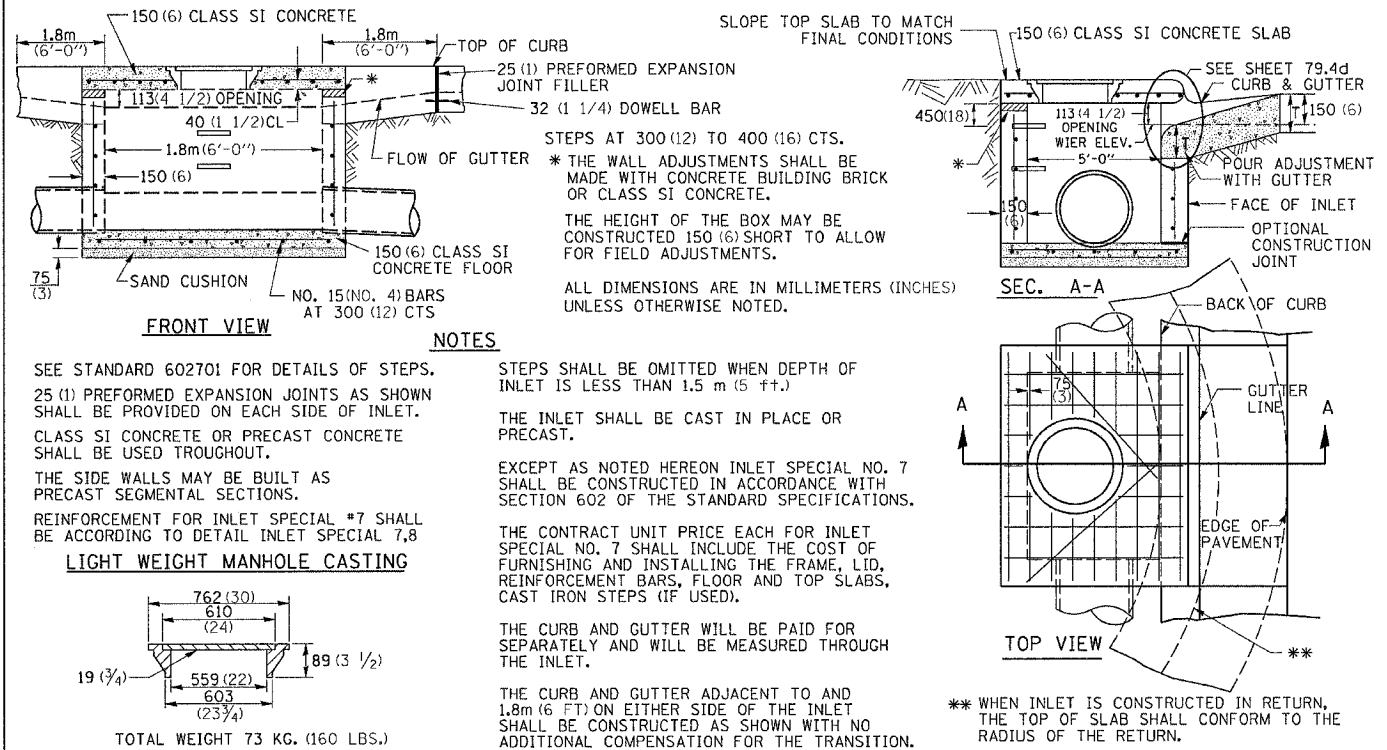
REVISIONS		ILLINOIS DEPARTMENT OF TRANSPORTATION
NAME	DATE	

SCALE: VERT. _____
 HORIZ. _____
 DATE _____

DRAWN BY _____
 CHECKED BY _____

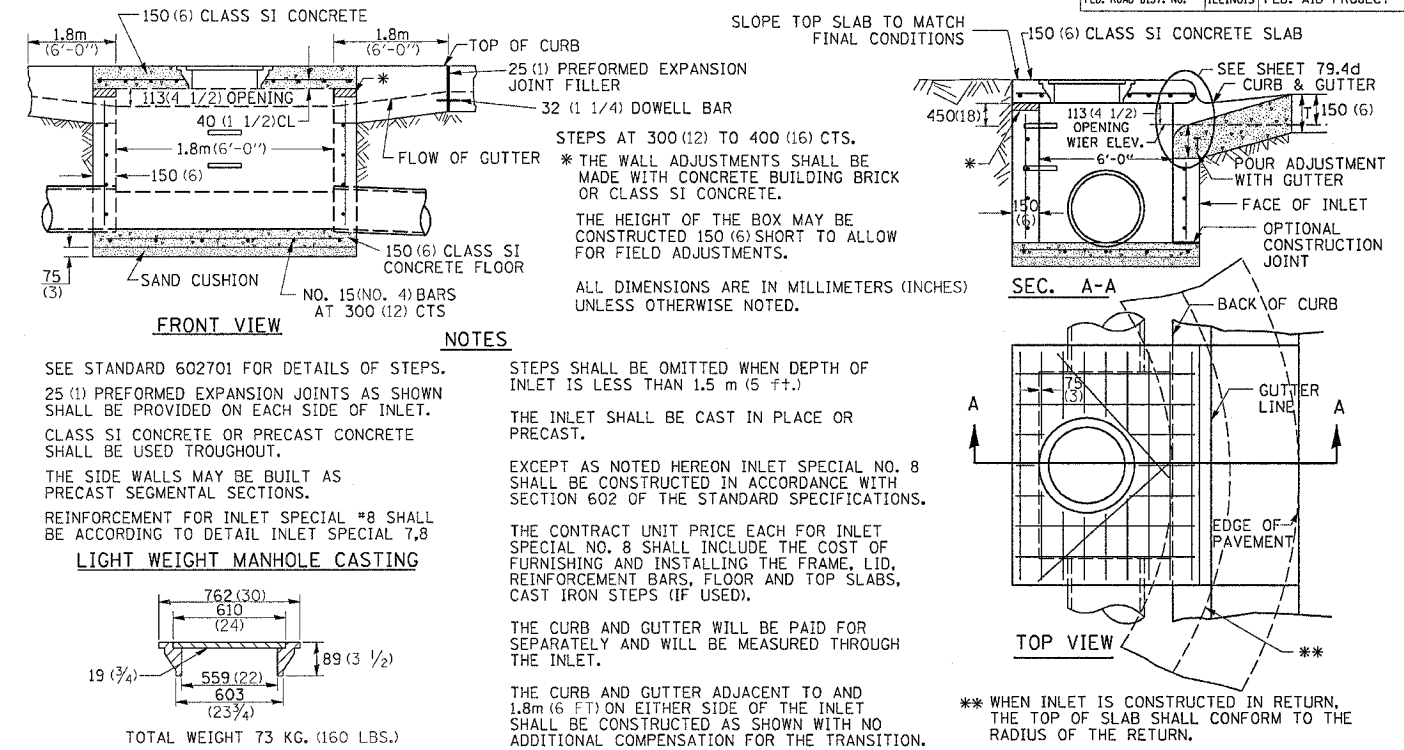
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
734	(4MFT)R	WINNEBAGO	353	259
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		

INLET SPECIAL NO. 7



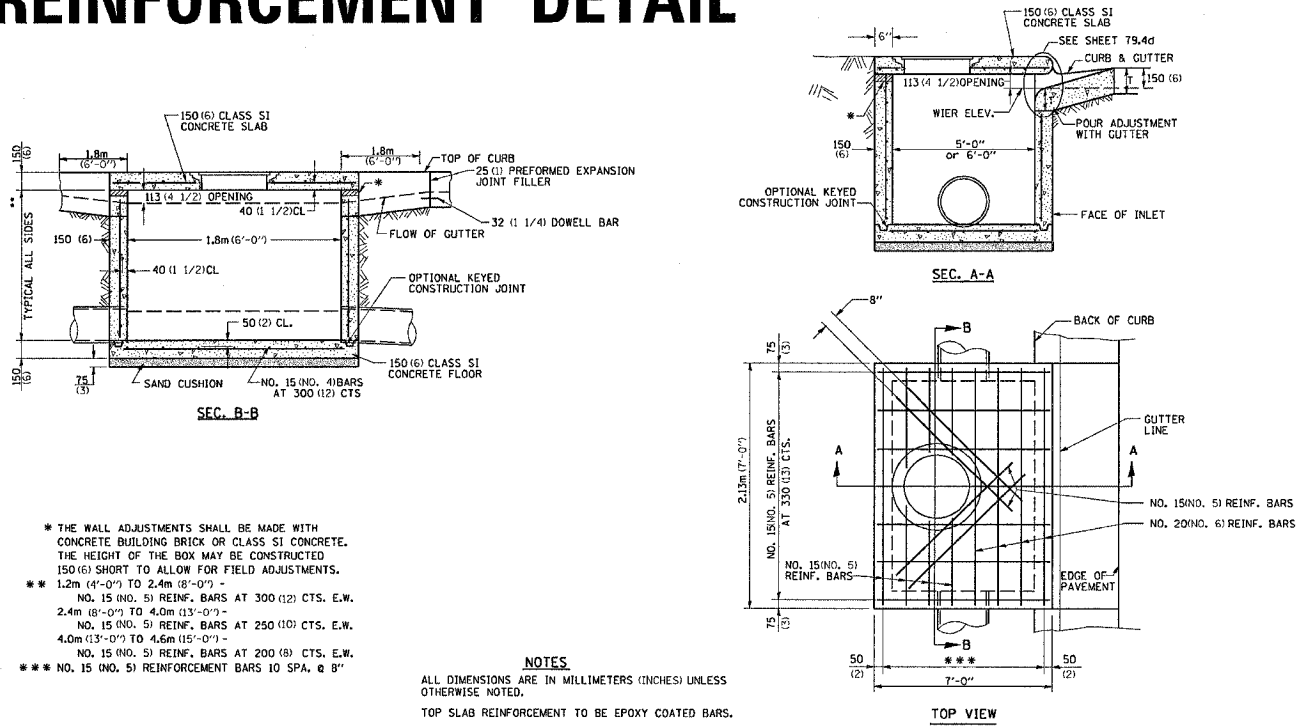
INLET SPECIAL NO. 7

INLET SPECIAL NO. 8



INLET SPECIAL NO. 8

INLET SPECIAL NO. 7,8 REINFORCEMENT DETAIL

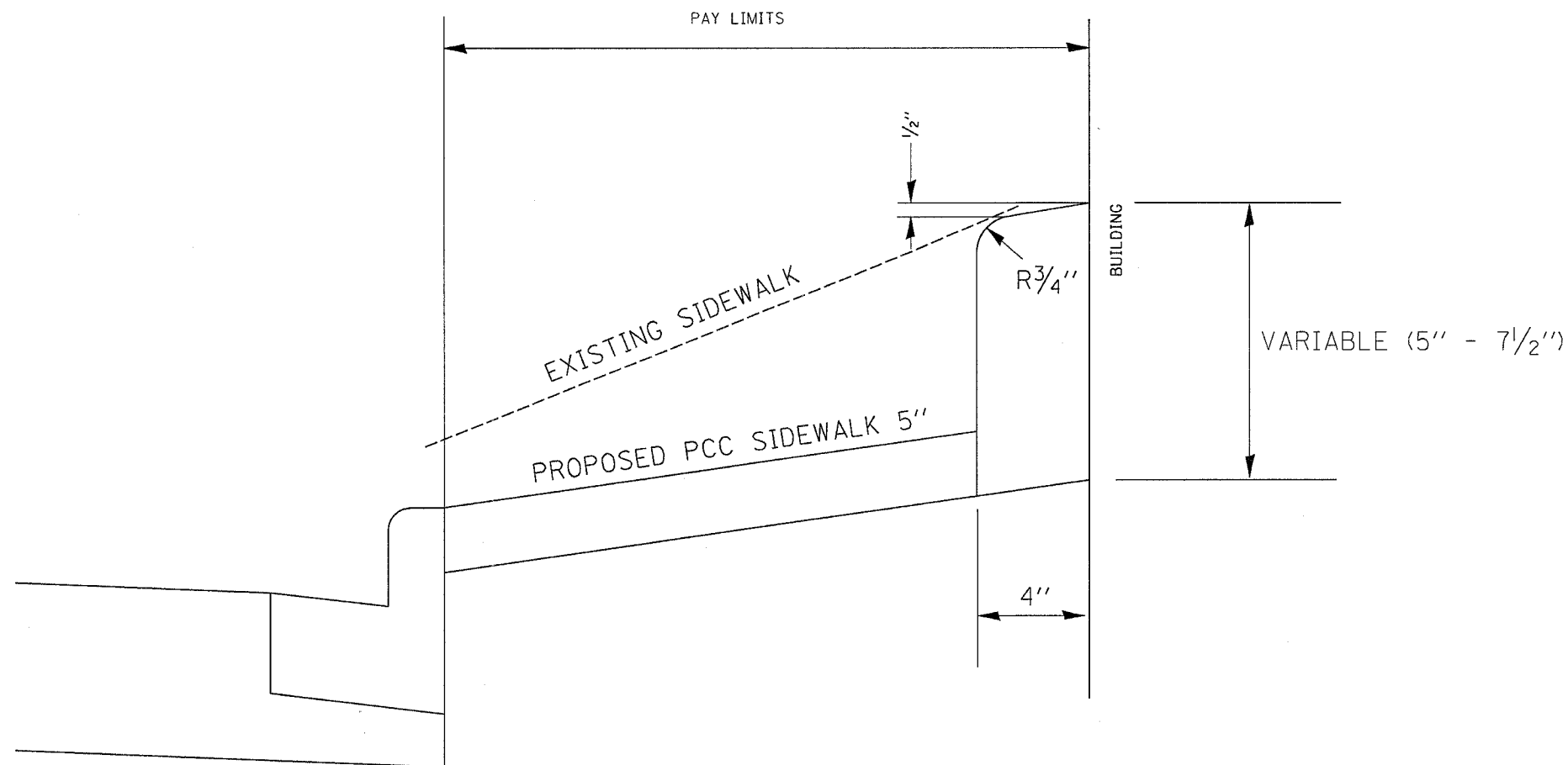


INLET SPECIAL NO. 7,8 REINFORCEMENT DETAIL

PLOT DATE = Fri, 06/27/2008 2:08:27
 FILE NAME = C:\Users\james\Documents\2008\64450\64450.dwg
 PLOT SCALE = 50.000000 / IN.
 REFERENCE = #REF#

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
734	(4MFT)R	WINNEBAGO	353	260
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS	FED. AID PROJECT	

PCC SIDEWALK 5 INCH (SPECIAL) DETAIL



LOCATIONS

(SEE SCHEDULE FOR QUANTITIES)

IL 251

RT. STA. 378+54 TO STA. 379+49
 LT. STA. 401+25 TO STA. 401+56

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.

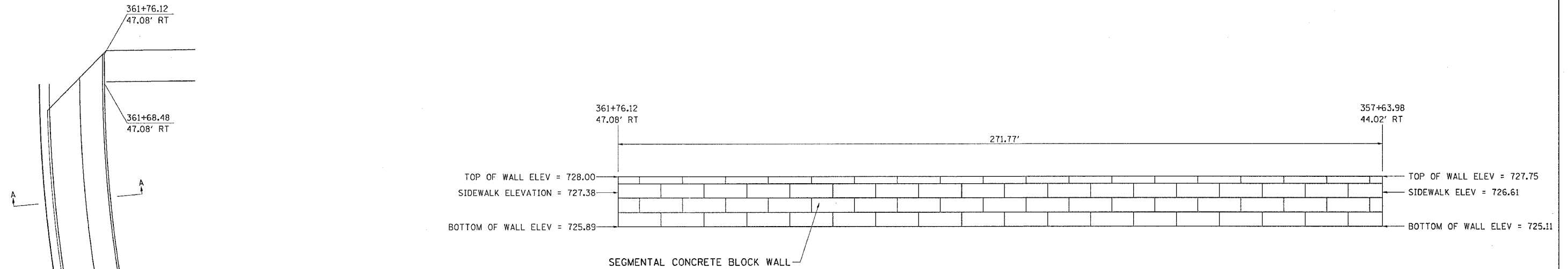
PLOT DATE = Fri, Apr 27, 1995 12:04:28 PM
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 PLOT SCALE = 50.000000 / IN.
 USER NAME = grantpm

REVISIONS		ILLINOIS DEPARTMENT OF TRANSPORTATION
NAME	DATE	
		SCALE: VERT. _____ HORIZ. _____ DATE _____

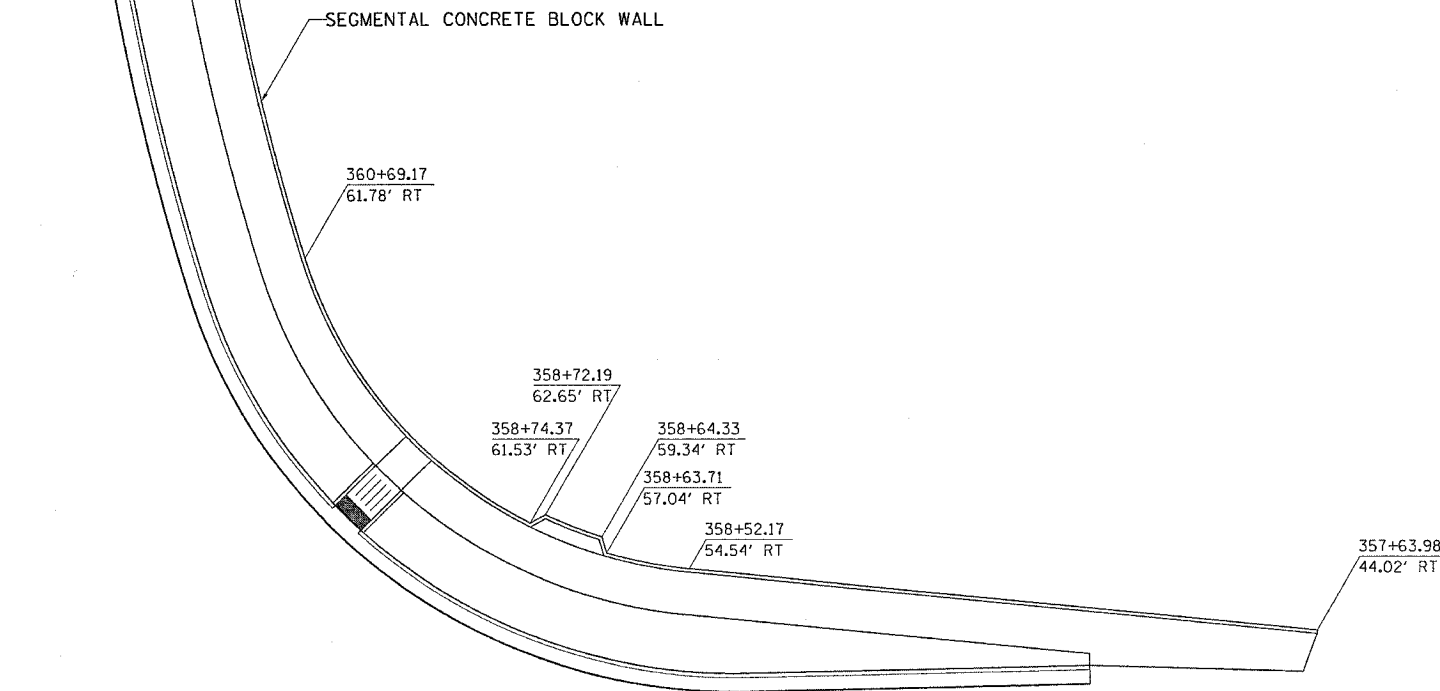
DRAWN BY _____
 CHECKED BY _____

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
734	4(MFT)R	WINNEBAGO	353	261
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS	FED. AID PROJECT	

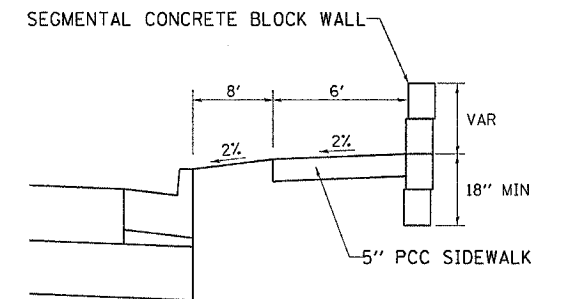
SEGMENTAL CONCRETE BLOCK WALL RT STA 357+63.98 TO RT STA 361+76.12



ELEVATION



PLAN



SECTION A-A

NOTES:

DIMENSIONS WILL VARY DEPENDING ON WHICH TYPE OF BLOCK IS USED.

THIS WORK SHALL BE PAID FOR AT THE CONTRACT PRICE PER SQUARE FOOT FOR:
SEGMENTAL CONCRETE BLOCK WALL.

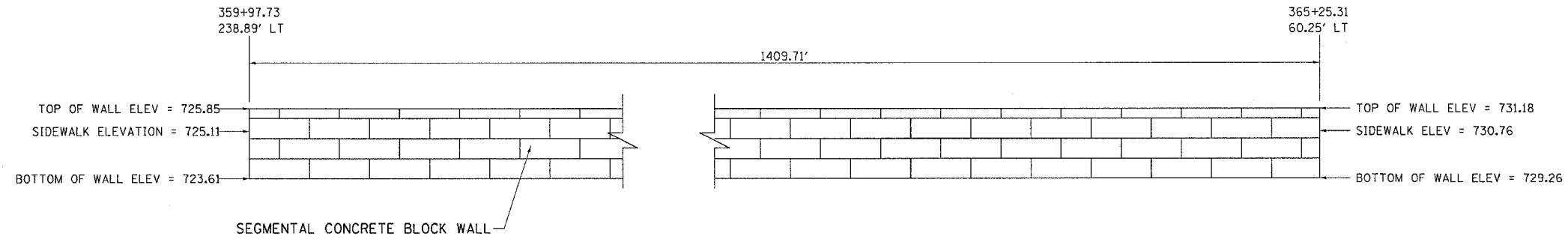
SEE SPECIAL PROVISIONS FOR OTHER DETAILS.

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

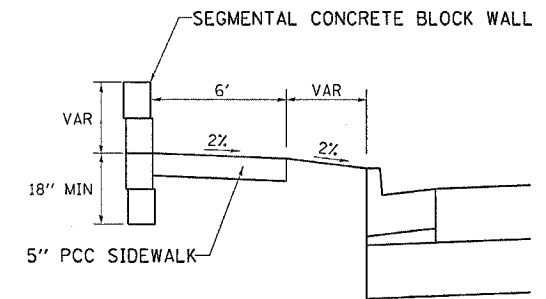
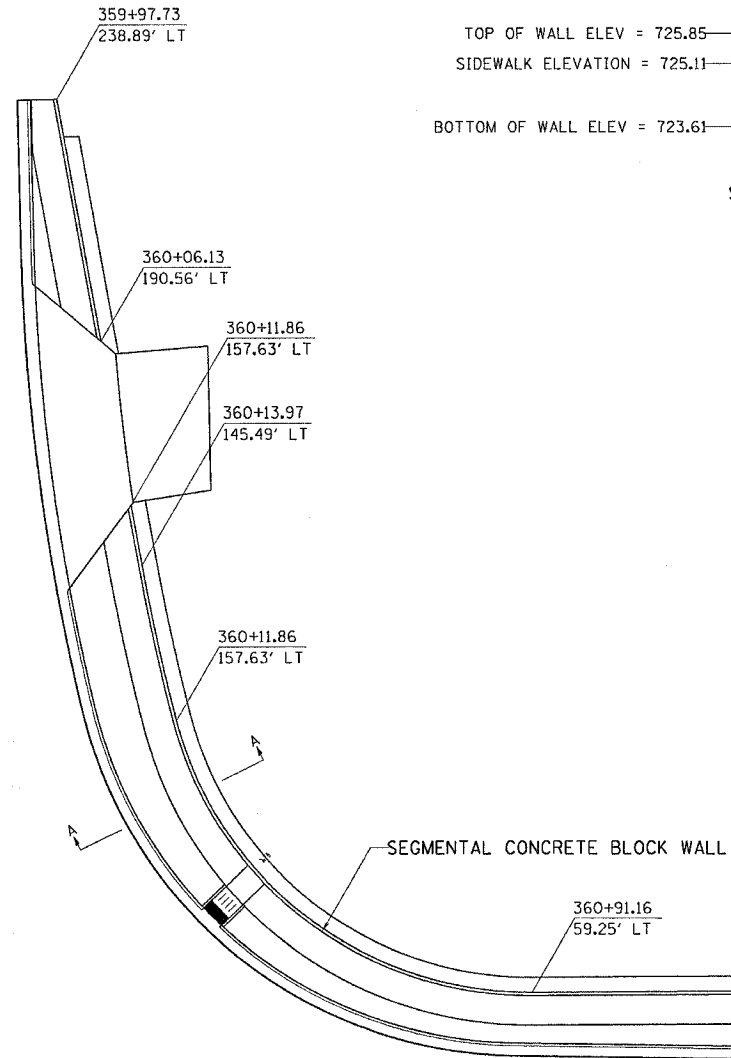
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 PLOT SCALE = 50.0000
 USER NAME = drcant

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
734	4(MFT)R	WINNEBAGO	353	262
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS	FED. AID PROJECT	

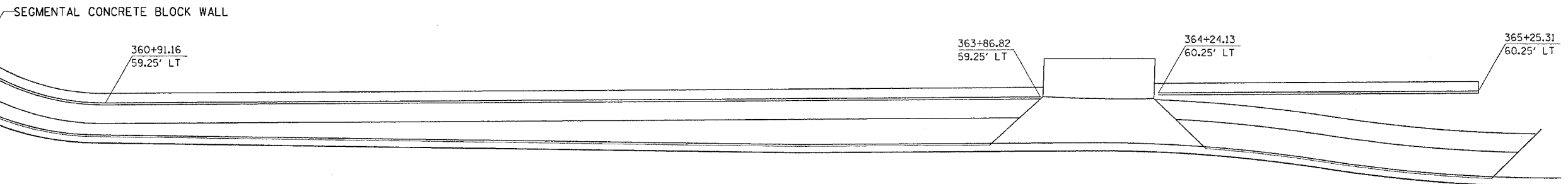
SEGMENTAL CONCRETE BLOCK WALL LT STA 359+97.73 TO LT STA 365+25.31



ELEVATION



SECTION A-A



PLAN

NOTES:

DIMENSIONS WILL VARY DEPENDING ON WHICH TYPE OF BLOCK IS USED.

THIS WORK SHALL BE PAID FOR AT THE CONTRACT PRICE PER SQUARE FOOT FOR:
SEGMENTAL CONCRETE BLOCK WALL.

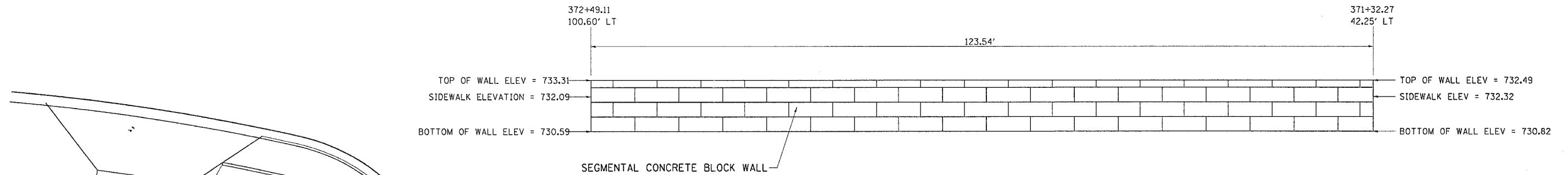
SEE SPECIAL PROVISIONS FOR OTHER DETAILS.

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

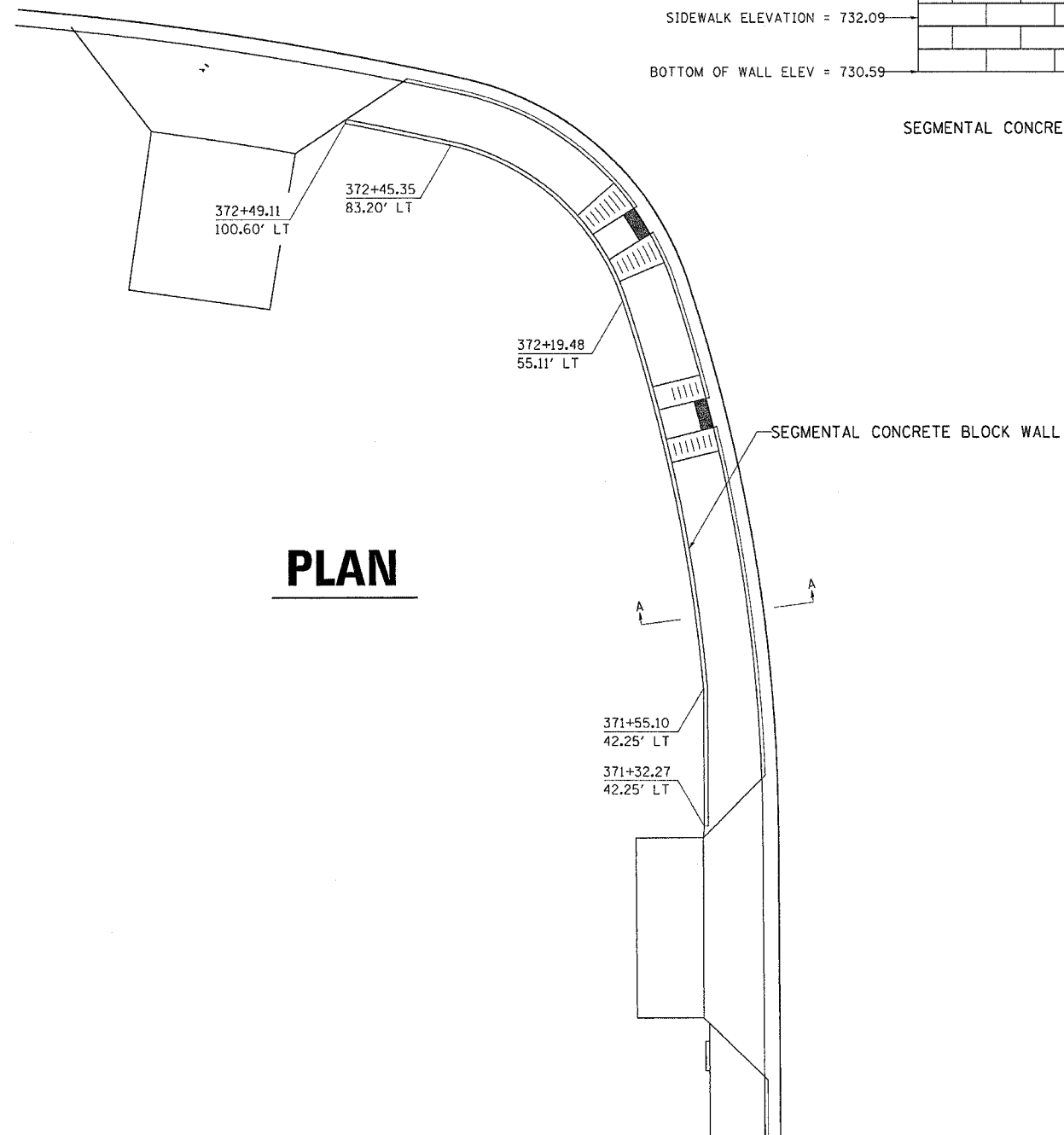
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 USER NAME = duncant6

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
734	4(MFT)R	WINNEBAGO	353	263
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS	FED. AID PROJECT	

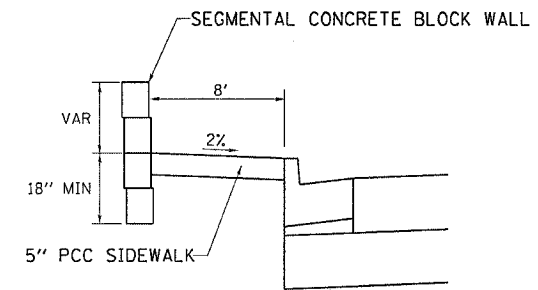
SEGMENTAL CONCRETE BLOCK WALL LT STA 372+49.11 TO LT STA 371+32.27



ELEVATION



PLAN



SECTION A-A

NOTES:

DIMENSIONS WILL VARY DEPENDING ON WHICH TYPE OF BLOCK IS USED.

THIS WORK SHALL BE PAID FOR AT THE CONTRACT PRICE PER SQUARE FOOT FOR:
SEGMENTAL CONCRETE BLOCK WALL.

SEE SPECIAL PROVISIONS FOR OTHER DETAILS.

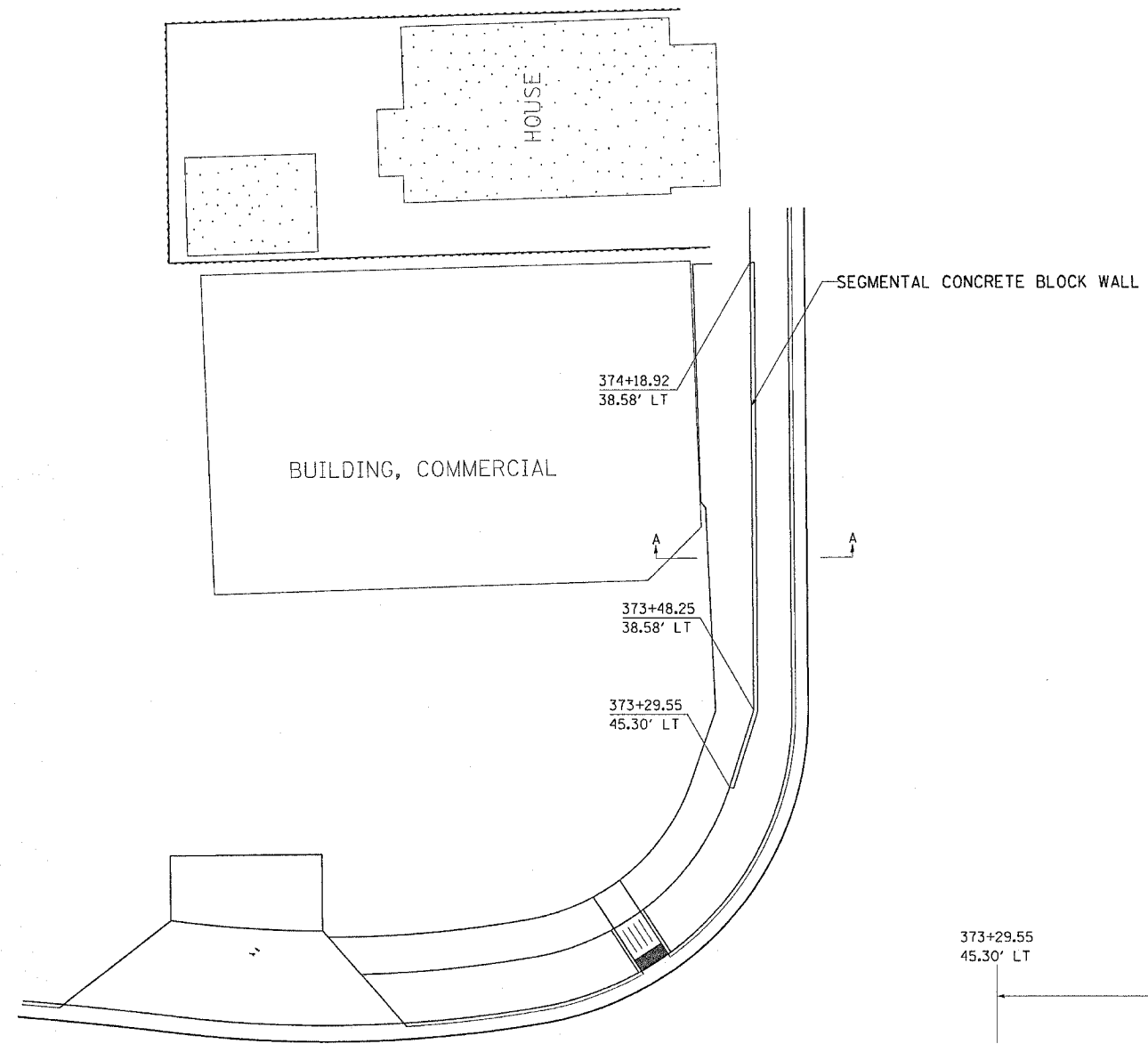
REVISIONS		ILLINOIS DEPARTMENT OF TRANSPORTATION
NAME	DATE	
		SCALE: VERT. HORIZ. DATE DRAWN BY CHECKED BY

PLOT DATE = Fri Apr 27 15:23:08 2007
 PLOT SCALE = 50.0000
 USER NAME = duncanr

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
734	4(MFT)R	WINNEBAGO	353	264
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS	FED. AID PROJECT	

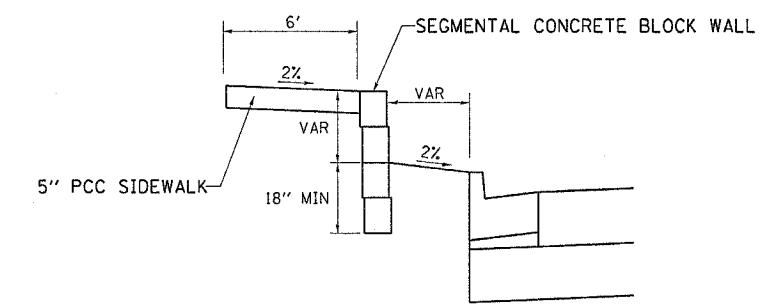
SEGMENTAL CONCRETE BLOCK WALL

LT STA 373+29.55 TO LT STA 374+18.92

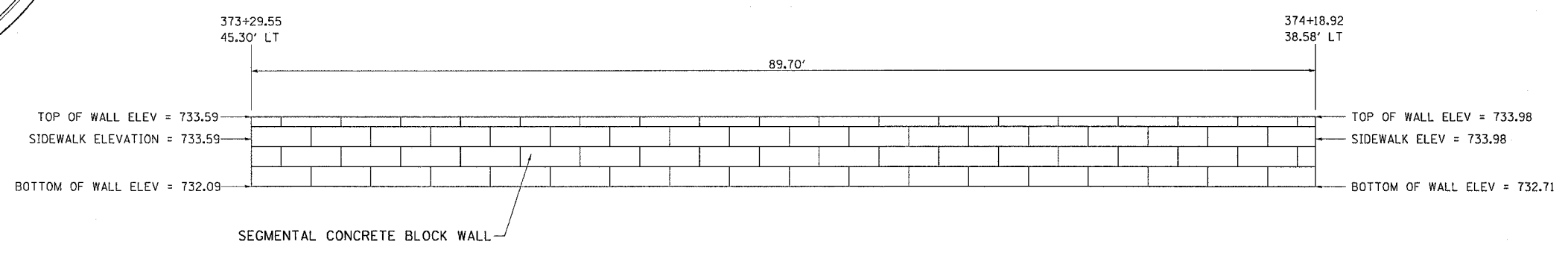


PLAN

NOTES:
 DIMENSIONS WILL VARY DEPENDING ON WHICH TYPE OF BLOCK IS USED.
 THIS WORK SHALL BE PAID FOR AT THE CONTRACT PRICE PER SQUARE FOOT FOR:
 SEGMENTAL CONCRETE BLOCK WALL.
 SEE SPECIAL PROVISIONS FOR OTHER DETAILS.



SECTION A-A



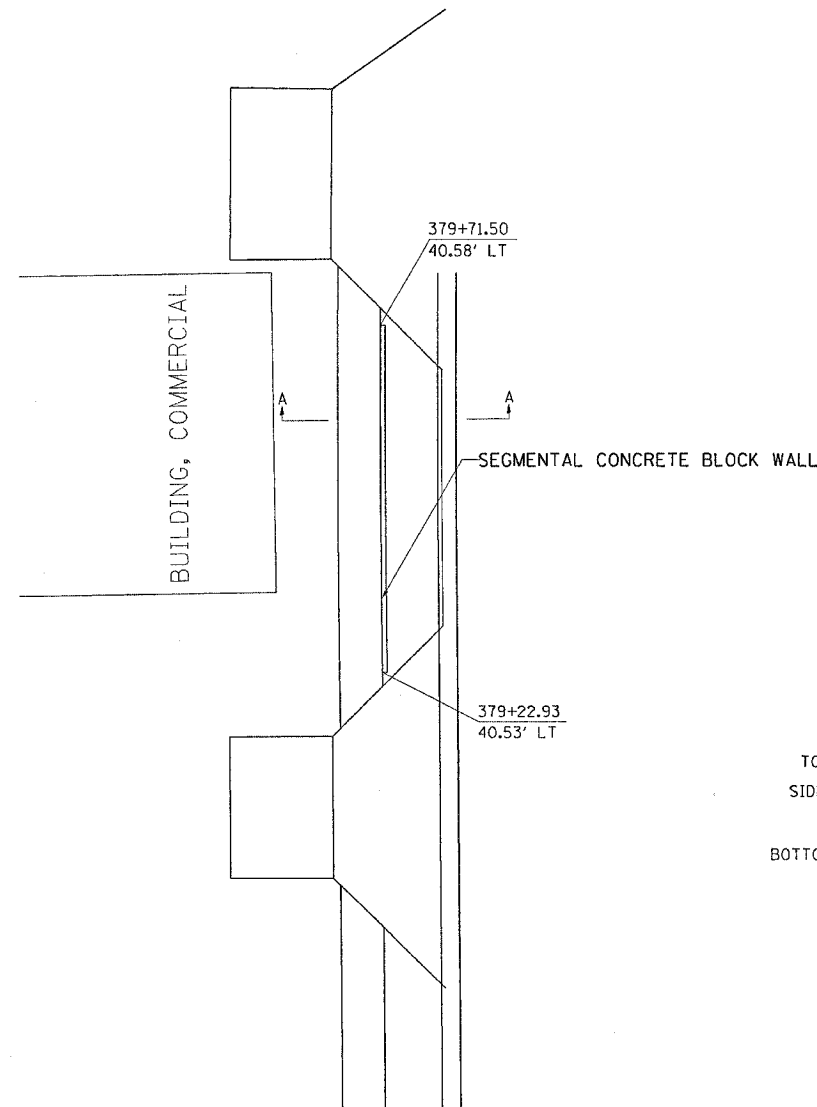
ELEVATION

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 USER NAME = duncantf

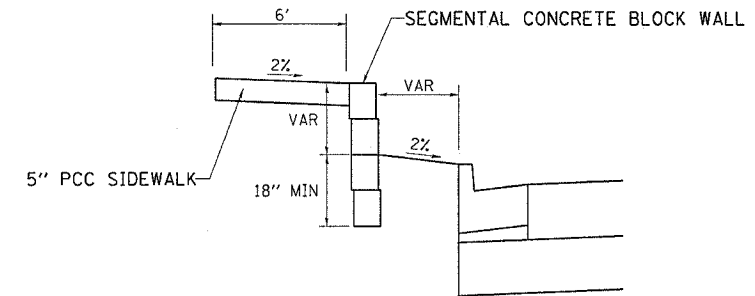
REVISIONS		ILLINOIS DEPARTMENT OF TRANSPORTATION
NAME	DATE	
		SCALE: VERT. DRAWN BY HORIZ. CHECKED BY DATE

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
734	4(MFT)R	WINNEBAGO	353	265
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS	FED. AID PROJECT	

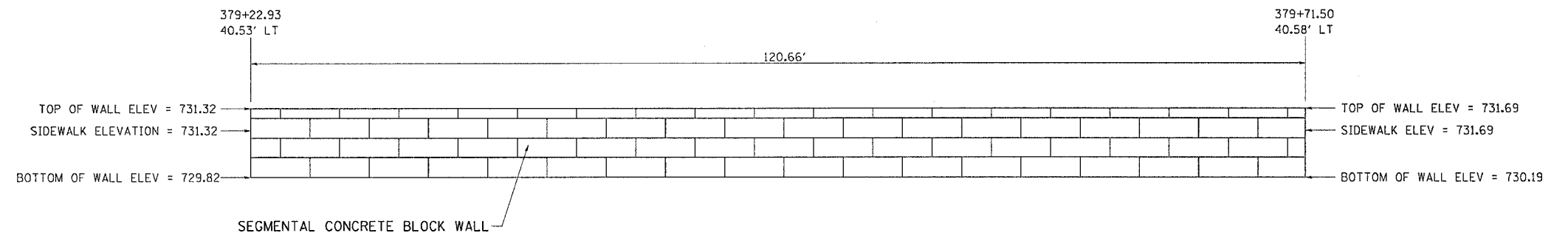
SEGMENTAL CONCRETE BLOCK WALL LT STA 379+22.93 TO STA 379+71.50



PLAN



SECTION A-A



ELEVATION

NOTES:

DIMENSIONS WILL VARY DEPENDING ON WHICH TYPE OF BLOCK IS USED.

THIS WORK SHALL BE PAID FOR AT THE CONTRACT PRICE PER SQUARE FOOT FOR:

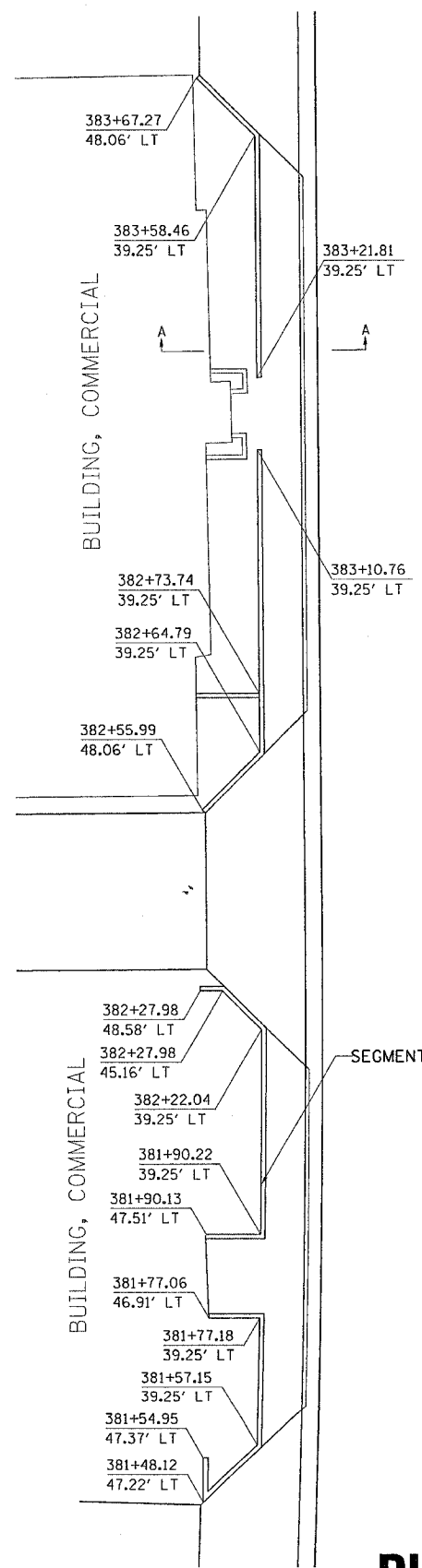
SEGMENTAL CONCRETE BLOCK WALL.

SEE SPECIAL PROVISIONS FOR OTHER DETAILS.

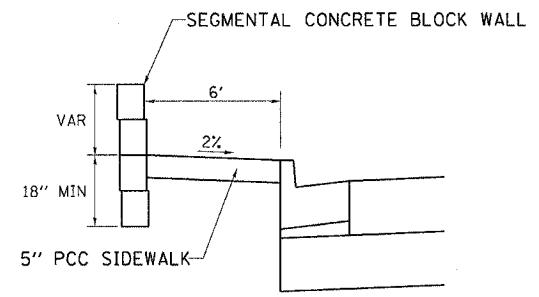
REVISIONS		ILLINOIS DEPARTMENT OF TRANSPORTATION
NAME	DATE	
		SCALE: VERT. _____ HORIZ. _____ DATE _____
DRAWN BY _____		CHECKED BY _____

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
734	4(MFT)R	WINNEBAGO	353	266
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		

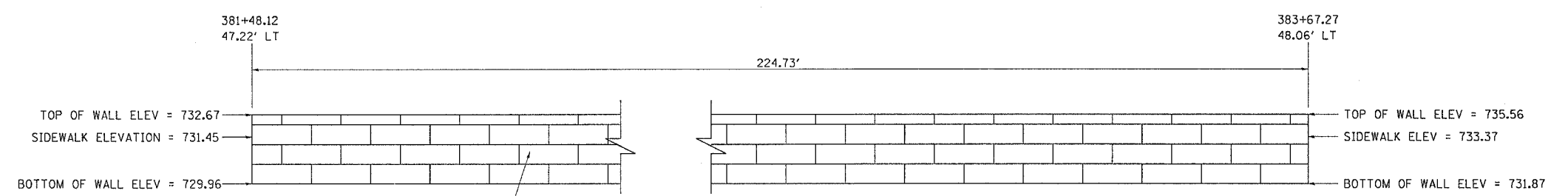
SEGMENTAL CONCRETE BLOCK WALL LT STA 381 + 48.12 TO LT STA 383 + 67.27



PLAN



SECTION A-A



ELEVATION

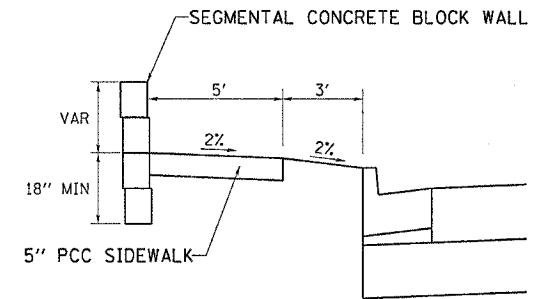
NOTES:
 DIMENSIONS WILL VARY DEPENDING ON WHICH TYPE OF BLOCK IS USED.
 THIS WORK SHALL BE PAID FOR AT THE CONTRACT PRICE PER SQUARE FOOT FOR:
 SEGMENTAL CONCRETE BLOCK WALL.
 SEE SPECIAL PROVISIONS FOR OTHER DETAILS.

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

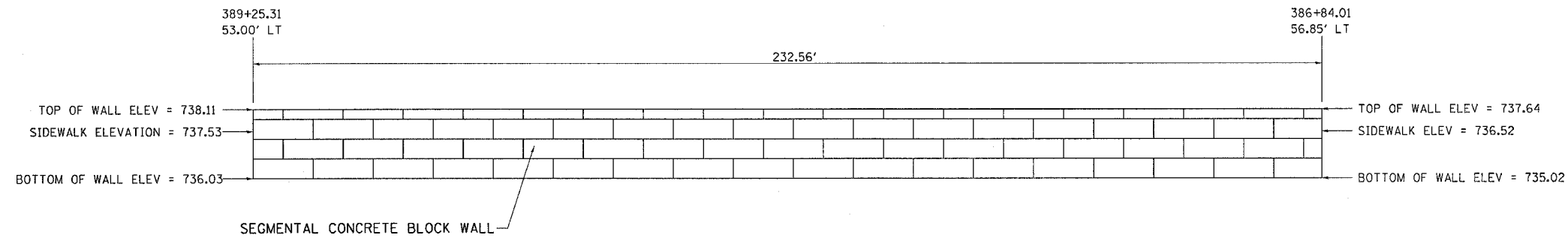
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 USER NAME = j...

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
734	4(MFT)R	WINNEBAGO	353	267
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS	FED. AID PROJECT	

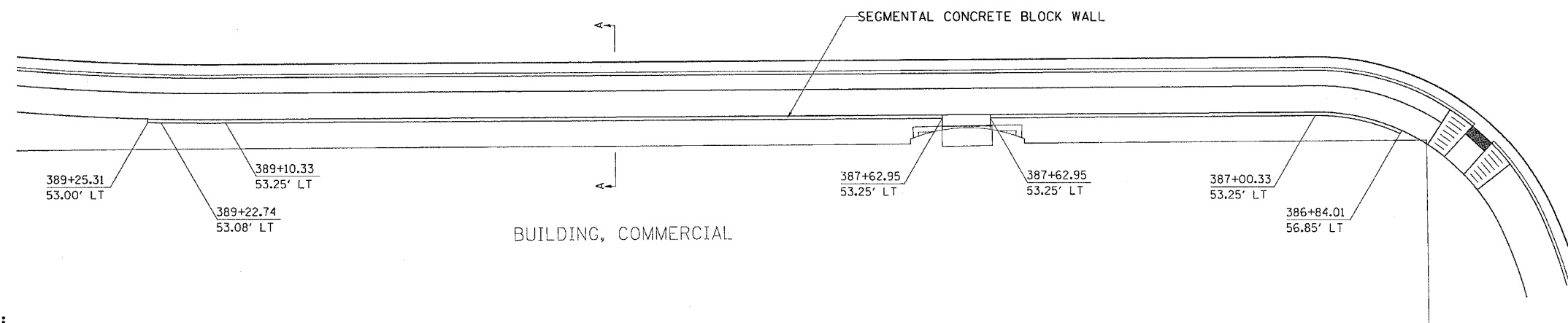
SEGMENTAL CONCRETE BLOCK WALL LT STA 386 + 84.01 TO LT STA 389 + 25.31



SECTION A-A



ELEVATION



PLAN

NOTES:

DIMENSIONS WILL VARY DEPENDING ON WHICH TYPE OF BLOCK IS USED.

THIS WORK SHALL BE PAID FOR AT THE CONTRACT PRICE PER SQUARE FOOT FOR:
SEGMENTAL CONCRETE BLOCK WALL.

SEE SPECIAL PROVISIONS FOR OTHER DETAILS.

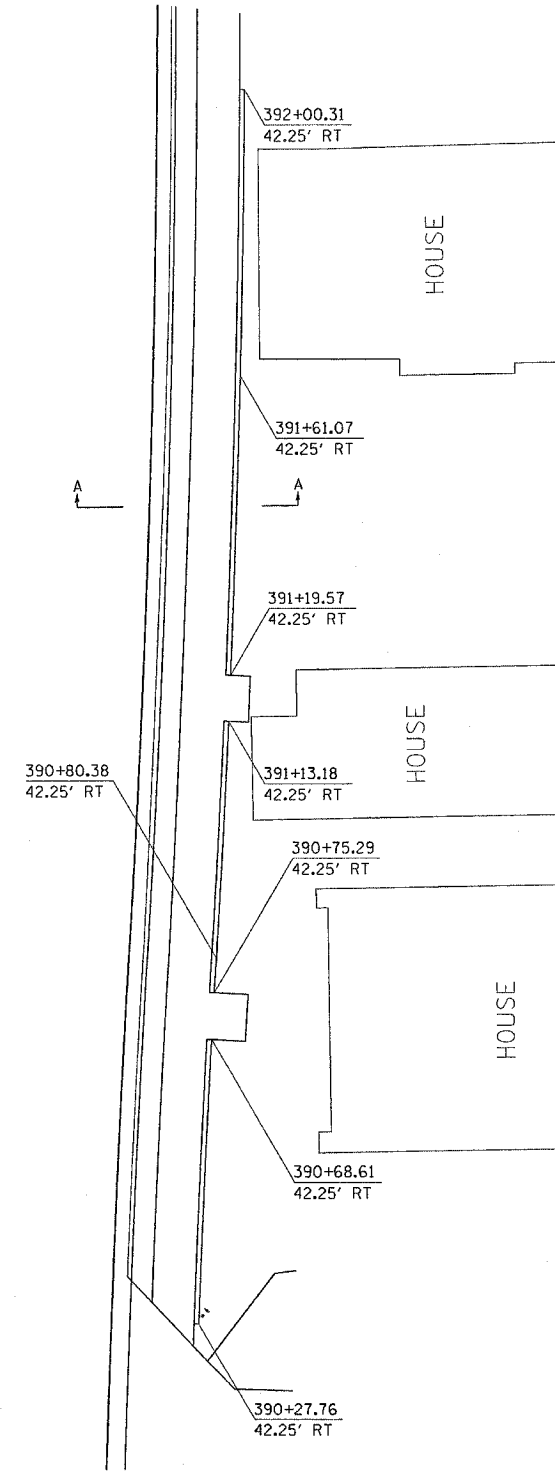
REVISIONS		ILLINOIS DEPARTMENT OF TRANSPORTATION
NAME	DATE	
		SCALE: VERT. DATE HORIZ. CHECKED BY

SEGMENTAL CONCRETE BLOCK WALL

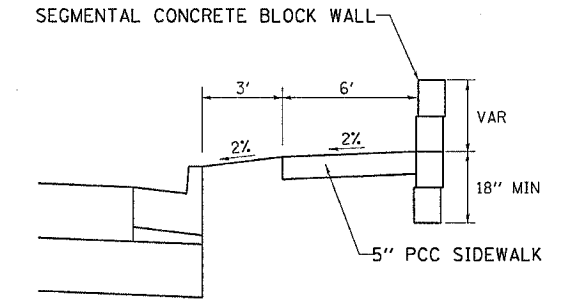
PLOT DATE = Fri Apr 27 15:23:05 2007
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 USER NAME = dunnant

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
734	4(MFT)R	WINNEBAGO	353	268
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS	FED. AID PROJECT	

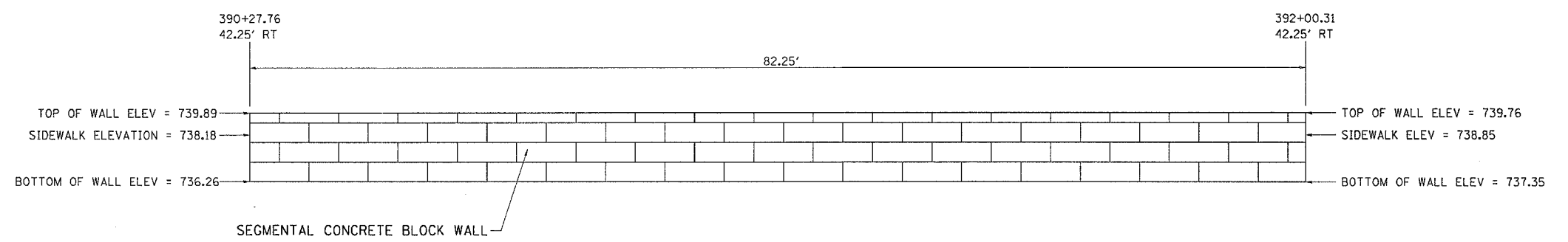
SEGMENTAL CONCRETE BLOCK WALL RT STA 390+27.79 TO RT STA 392+00.31



PLAN



SECTION A-A



ELEVATION

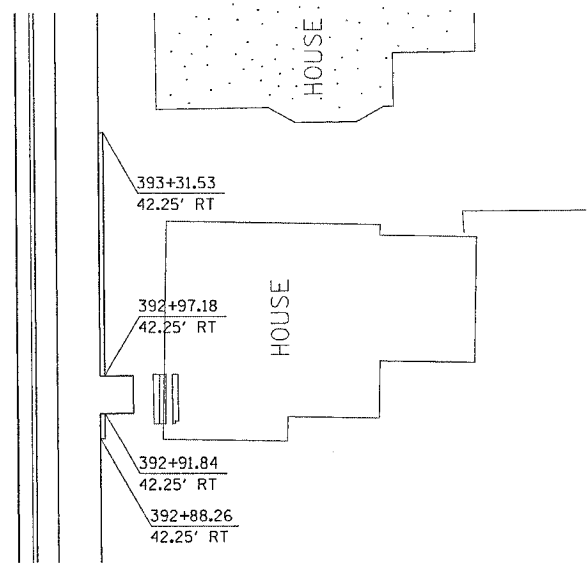
NOTES:
 DIMENSIONS WILL VARY DEPENDING ON WHICH TYPE OF BLOCK IS USED.
 THIS WORK SHALL BE PAID FOR AT THE CONTRACT PRICE PER SQUARE FOOT FOR:
 SEGMENTAL CONCRETE BLOCK WALL.
 SEE SPECIAL PROVISIONS FOR OTHER DETAILS.

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

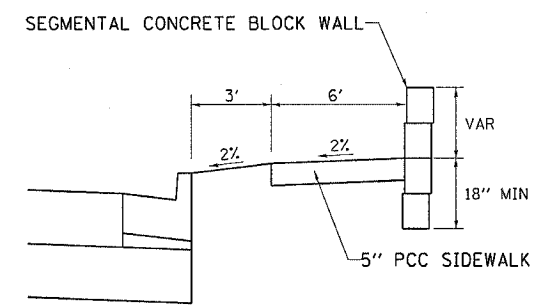
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F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
734	40(MT)R	WINNEBAGO	353	269
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS	FED. AID PROJECT	

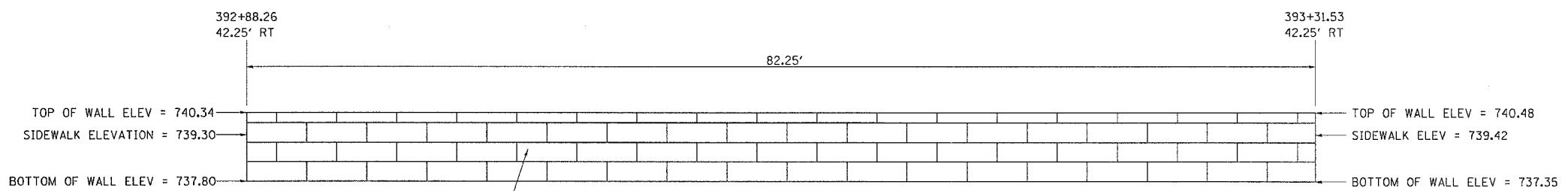
SEGMENTAL CONCRETE BLOCK WALL RT STA 392+88.26 TO RT STA 393+31.53



PLAN



SECTION A-A



ELEVATION

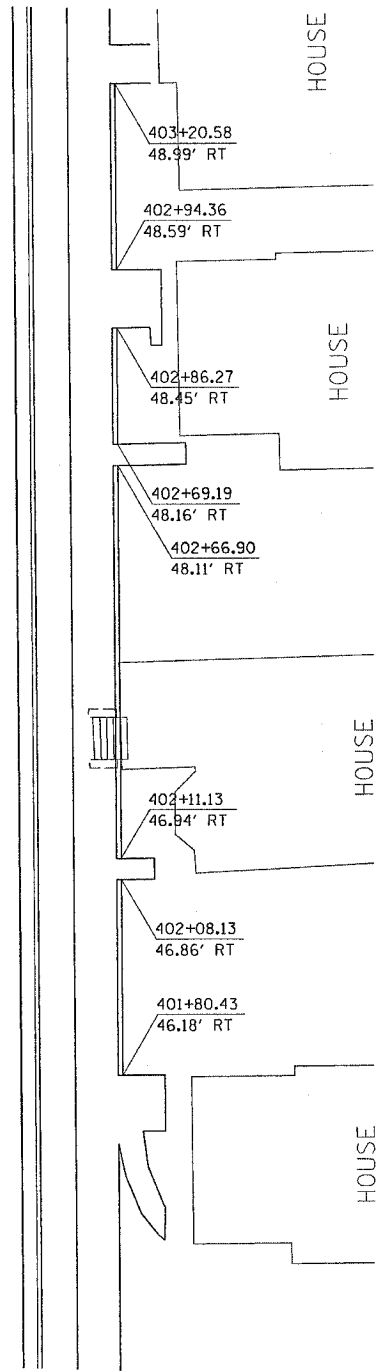
NOTES:
 DIMENSIONS WILL VARY DEPENDING ON WHICH TYPE OF BLOCK IS USED.
 THIS WORK SHALL BE PAID FOR AT THE CONTRACT PRICE PER SQUARE FOOT FOR:
 SEGMENTAL CONCRETE BLOCK WALL.
 SEE SPECIAL PROVISIONS FOR OTHER DETAILS.

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

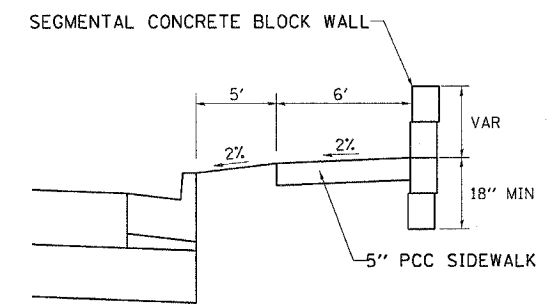
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F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
734	4(MFT)R	WINNEBAGO	353	270
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS	FED. AID PROJECT	

SEGMENTAL CONCRETE BLOCK WALL RT STA 401+80.43 TO RT STA 403+20.58

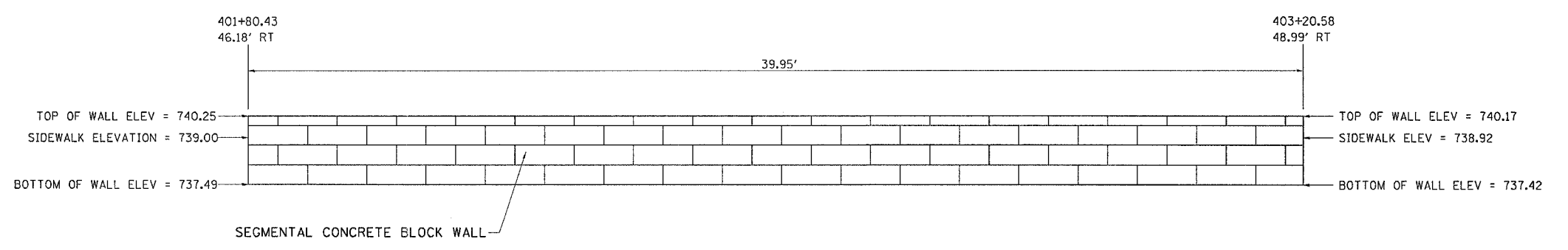


PLAN



SECTION A-A

NOTES:
 DIMENSIONS WILL VARY DEPENDING ON WHICH TYPE OF BLOCK IS USED.
 THIS WORK SHALL BE PAID FOR AT THE CONTRACT PRICE PER SQUARE FOOT FOR:
 SEGMENTAL CONCRETE BLOCK WALL.
 SEE SPECIAL PROVISIONS FOR OTHER DETAILS.



ELEVATION

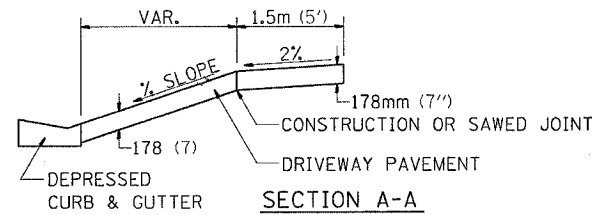
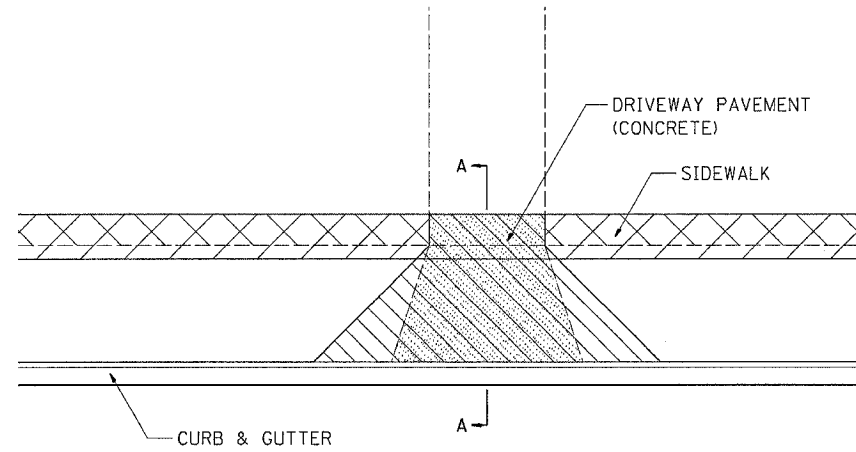
REVISIONS		ILLINOIS DEPARTMENT OF TRANSPORTATION
NAME	DATE	
		SCALE: VERT. HORIZ. DATE DRAWN BY CHECKED BY

PLOT DATE = Fri, Apr 27 15:25:18 2007
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 USER NAME = duncanfb

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
734	(4MFT)R	WINNEBAGO	353	271
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS	FED. AID PROJECT	

SIDEWALK AND DRIVEWAY PAVEMENT PAY AREAS

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



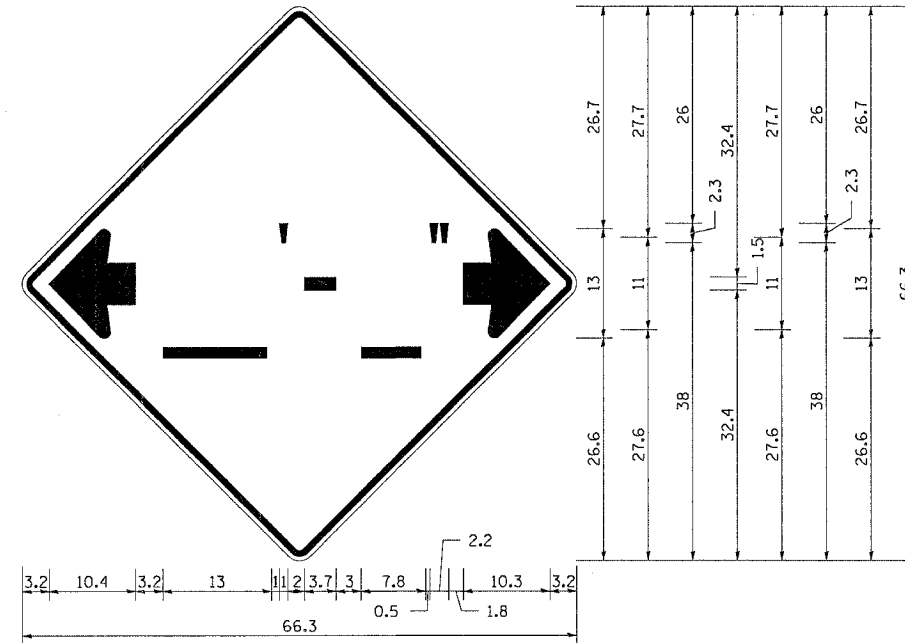
FOR DETAILS ON DIMENSIONS AND GRADES, SEE DISTRICT STANDARD 25.1 OR PLANS.

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

SIDEWALK AND DRIVEWAY PAVEMENT PAY AREAS 35.4

REVISED 10-15-04

INFORMATIONAL WARNING SIGN (FOR NARROW TRAVEL LANES)



NOTES

W12-2 - Horizontal Clearance Sign
48.0" across sides, 1.9" Radius,
0.8" Border, 0.5" Indent, Black on
Orange; Standard Arrow Custom
10.4" X 8.1" 180° Black 11 Inch
D Series Lettering; Standard Arrow
Custom 10.4" X 8.1" 0°

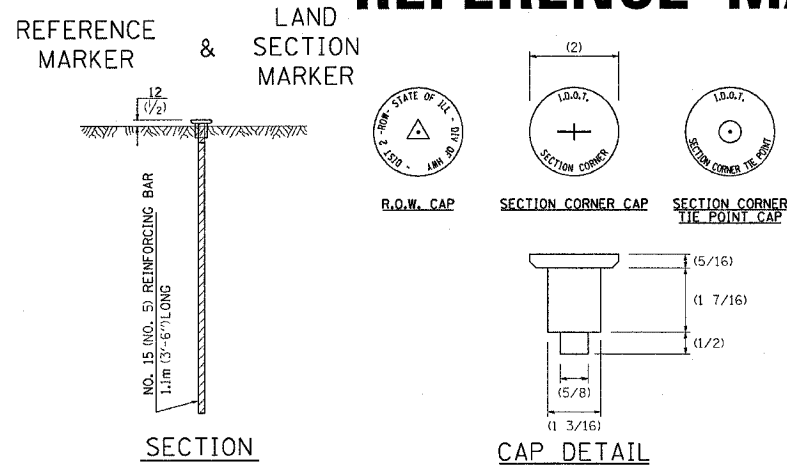
All work to furnish and install these signs shall be included in the cost of the Traffic Control Standards and shall not be paid for separately.

ALL DIMENSIONS ARE IN INCHES UNLESS OTHERWISE NOTED.

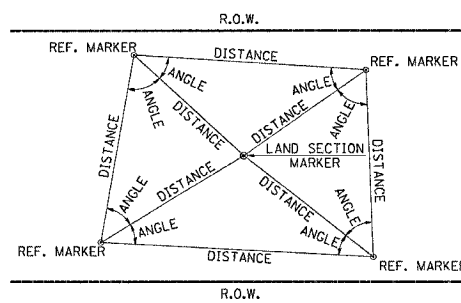
INFORMATIONAL WARNING SIGN (FOR NARROW TRAVEL LANES) 39.4

REVISED 6-29-05

LAND SECTION & REFERENCE MARKERS



METHOD OF REFERENCING MARKERS



- 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.

LAND SECTION & REFERENCE MARKERS 63.4

REVISED 4-22-05

DETAIL OF CONCRETE STEPS

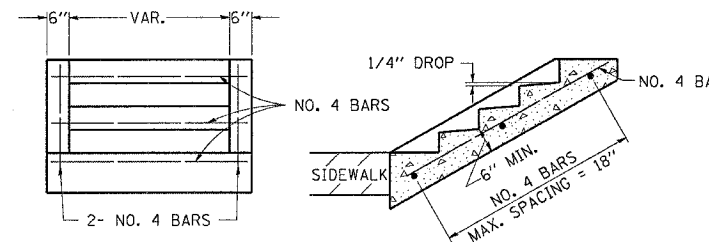


TABLE OF TREADS & RISERS

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 $4 1/4'' \times 4 = 17''$

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

CLASS SI CONCRETE SHALL BE USED THROUGHTOUT, 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.

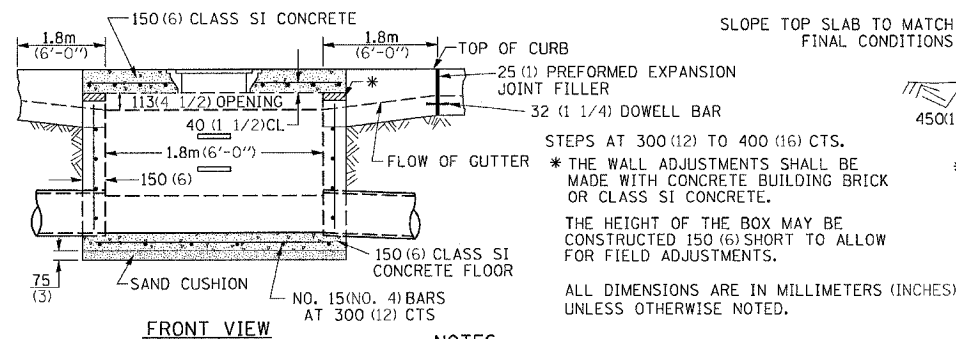
DETAIL OF CONCRETE STEPS 71.4

REVISED 3-3-05

PLOT DATE = Fri, Apr 27 09:37:04, 2007
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 REFERENCE = REF#4

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
734	(4MFT)R	WINNEBAGO	353	272
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS	FED. AID PROJECT	

INLET SPECIAL NO. 3



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

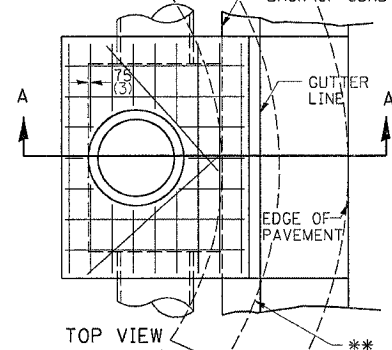
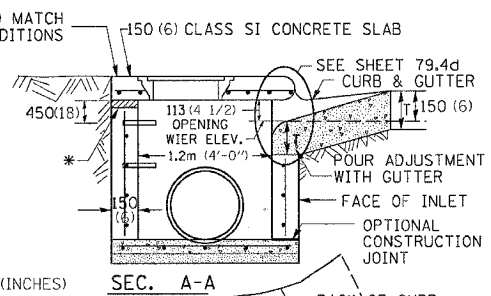
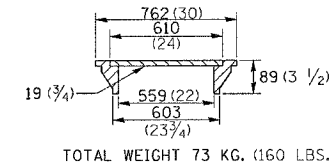
STEPS SHALL BE OMITTED WHEN DEPTH OF INLET IS LESS THAN 1.5 m (5 ft.).
 THE INLET SHALL BE CAST IN PLACE OR PRECAST.

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.

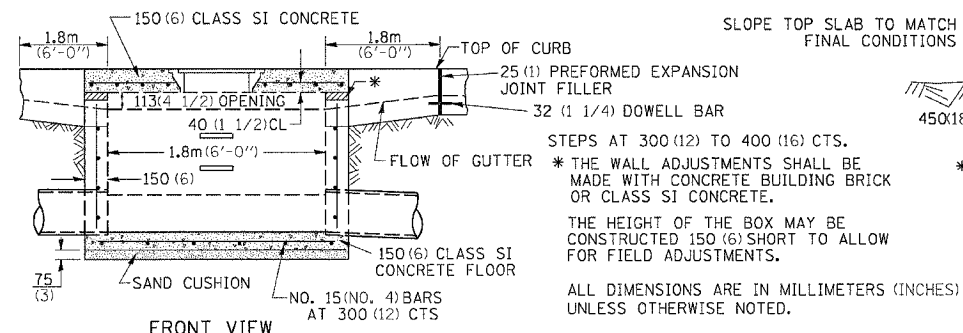
THE CURB AND GUTTER ADJACENT TO AND 1.8m (6 FT.) ON EITHER SIDE OF THE INLET SHALL BE CONSTRUCTED AS SHOWN WITH NO ADDITIONAL COMPENSATION FOR THE TRANSITION.



INLET SPECIAL NO. 3 79.4

REVISED 4-4-05

INLET SPECIAL NO. 5



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

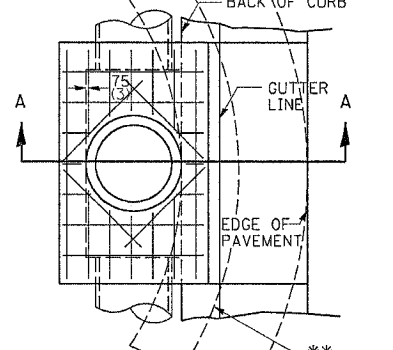
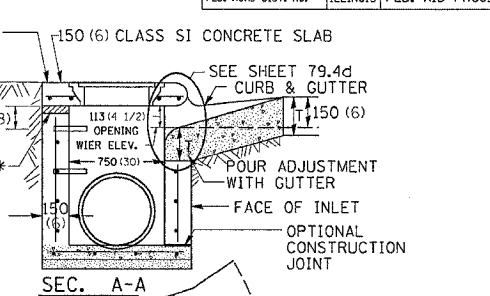
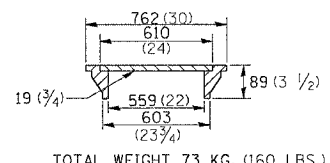
STEPS SHALL BE OMITTED WHEN DEPTH OF INLET IS LESS THAN 1.5 m (5 ft.).
 THE INLET SHALL BE CAST IN PLACE OR PRECAST.

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.

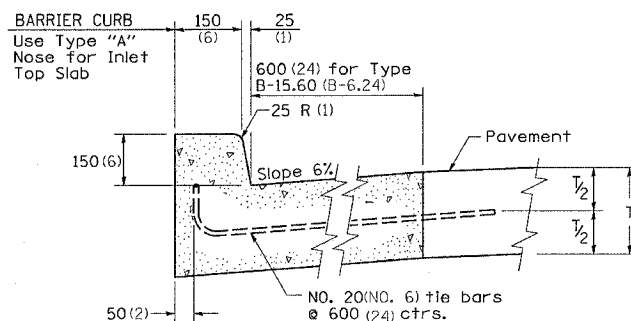
THE CURB AND GUTTER ADJACENT TO AND 1.8m (6 FT.) ON EITHER SIDE OF THE INLET SHALL BE CONSTRUCTED AS SHOWN WITH NO ADDITIONAL COMPENSATION FOR THE TRANSITION.



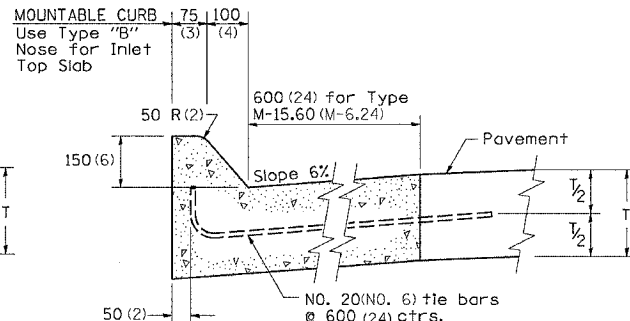
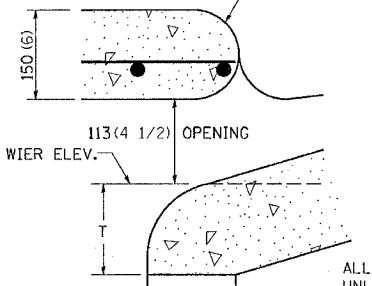
INLET SPECIAL NO. 5 79.4b

REVISED 4-4-05

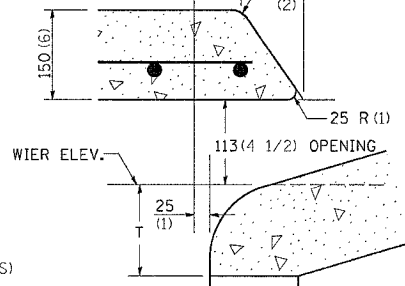
NOSE TYPE FOR INLET TOP SLAB



TYPE "A"
 TO BE USED ON EXISTING OR PROPOSED 150 (6) BARRIER CURB



TYPE "B"
 TO BE USED ON PROPOSED 150 (6) MOUNTABLE CURB



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

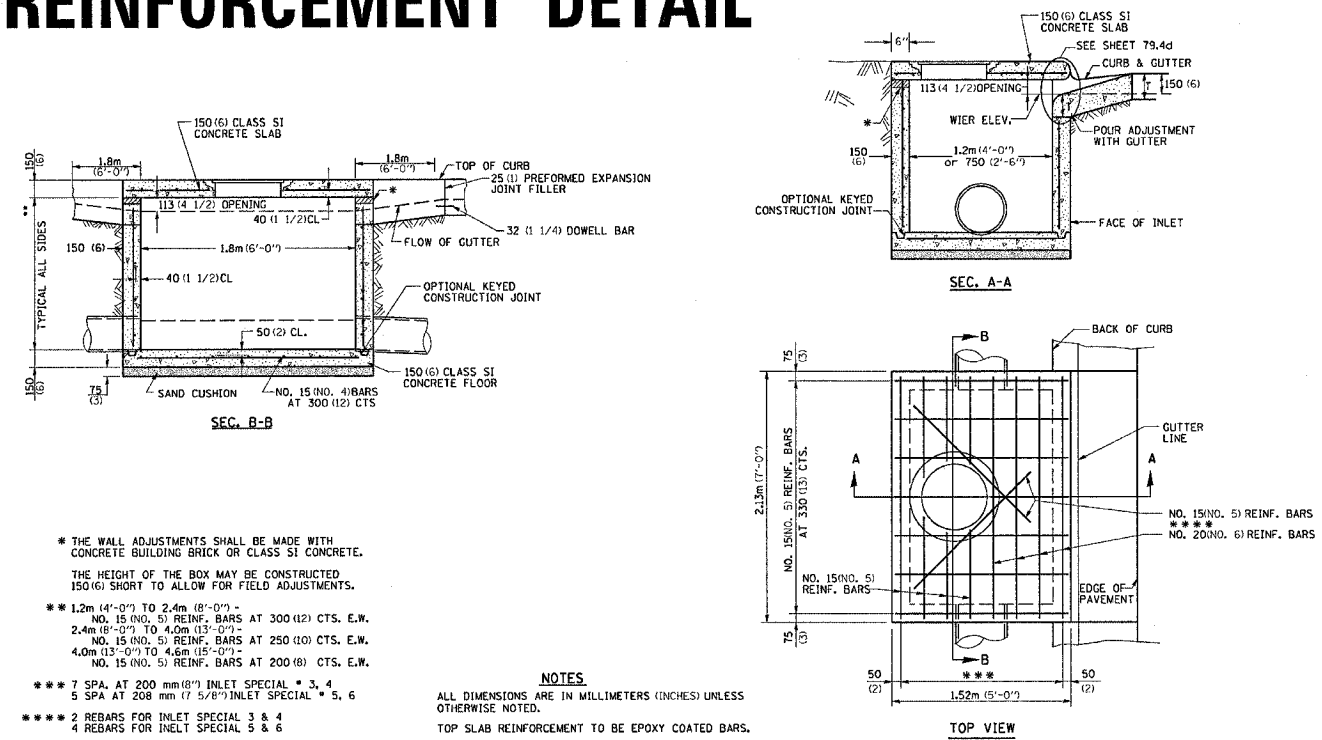
NOSE TYPE FOR INLET TOP SLAB 79.4d

REVISED 2-14-95

PLOT DATE = Thu May 17 09:05:14 2007
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 PLOT SCALE = 23.48000 X 1 IN.
 REFERENCE = REF#

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
734	(4MFT)R	WINNEBAGO	353	273
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		

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



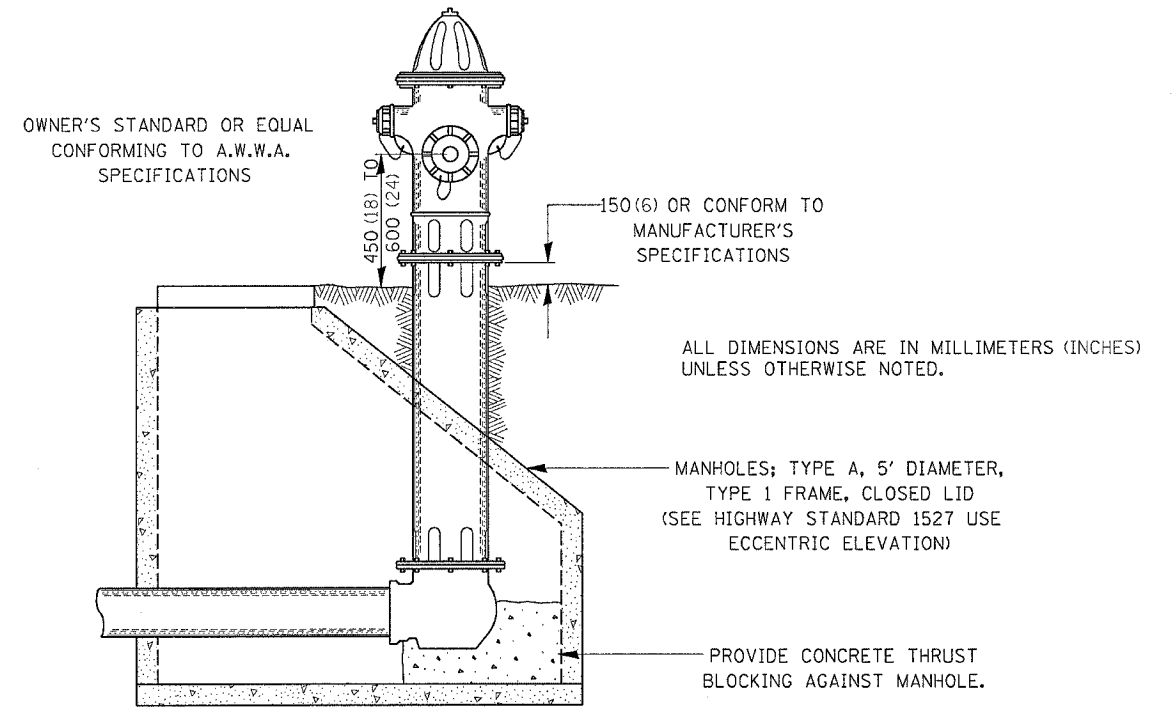
- * THE WALL ADJUSTMENTS SHALL BE MADE WITH CONCRETE BUILDING BRICK OR CLASS S1 CONCRETE. THE HEIGHT OF THE BOX MAY BE CONSTRUCTED 150(6) SHORT TO ALLOW FOR FIELD ADJUSTMENTS.
- ** 1.2m (4'-0") TO 2.4m (8'-0") - NO. 15 (NO. 5) REINF. BARS AT 300 (12) CTS. E.W.
- 2.4m (8'-0") TO 4.0m (13'-0") - NO. 15 (NO. 5) REINF. BARS AT 250 (10) CTS. E.W.
- 4.0m (13'-0") TO 4.6m (15'-0") - NO. 15 (NO. 5) REINF. BARS AT 200 (8) CTS. E.W.
- *** 7 SPA. AT 200 mm (8") INLET SPECIAL * 3, 4
- 5 SPA AT 208 mm (7 5/8") INLET SPECIAL * 5, 6
- *** 2 REBARS FOR INLET SPECIAL 3 & 4
- 4 REBARS FOR INLET SPECIAL 5 & 6

NOTES
ALL DIMENSIONS ARE IN MILLIMETERS (INCHES) UNLESS OTHERWISE NOTED.
TOP SLAB REINFORCEMENT TO BE EPOXY COATED BARS.

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

REVISED 4-4-05

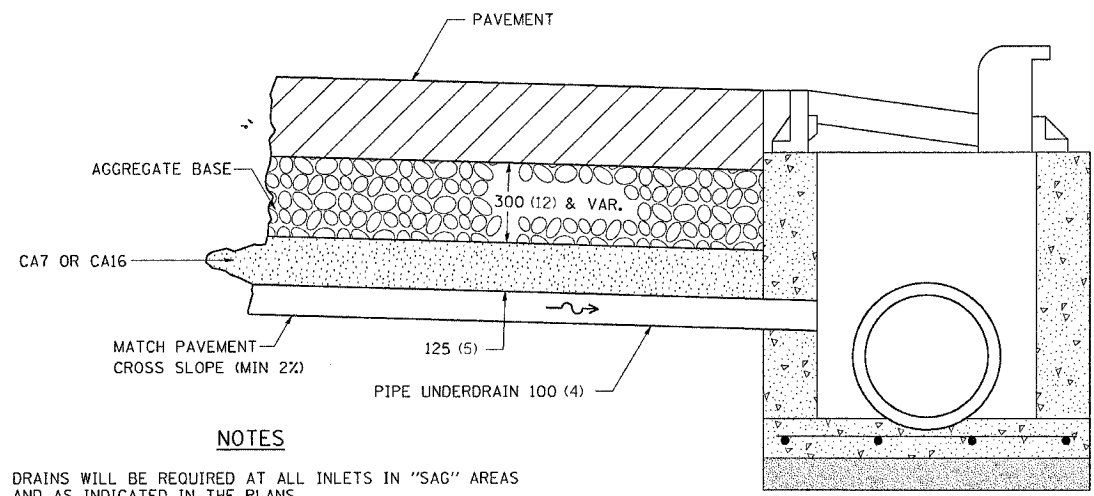
TYPICAL HYDRANT INSTALLATION



TYPICAL HYDRANT INSTALLATION 81.4

REVISED 1-8-96

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
A2000114	TREE, ACER X FREEMANII	AUTUMN BLAZE	1-3/4" CALIPER,	EACH	14
	AUTUMN BLAZE	FREEMAN MAPLE	BALLED AND BURLAPPED		
A2006714	TREE, QUERCUS MACROCARPA	BUR OAK	1-3/4" CALIPER,	EACH	10
			BALLED AND BURLAPPED		
B2000562	TREE, AMELANCHIER CANADENSIS	SHADGLOW SERVICEBERRY	4' HEIGHT, SHRUB FORM,	EACH	15
			BALLED AND BURLAPPED		
B2002716	TREE, MALUS ADIRONDACK	ADIRONDACK CRAB APPLE	2" CALIPER, TREE FORM,	EACH	15
			BALLED AND BURLAPPED		
B2005214	TREE, MALUS SUTYZAM	SUGAR TYME CRAB APPLE	1-3/4" CALIPER, TREE FORM,	EACH	15
			BALLED AND BURLAPPED		
D2001772	EVERGREEN, PICEA ABIES	NORWAY SPRUCE	6' HEIGHT,	EACH	15
			BALLED AND BURLAPPED		

- 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
 - ALTERNATE PLANTING SITE: US BYPASS 20

ALL DIMENSIONS ARE IN INCHES UNLESS OTHERWISE NOTED.

TREE REPLACEMENT SCHEDULE 90.4

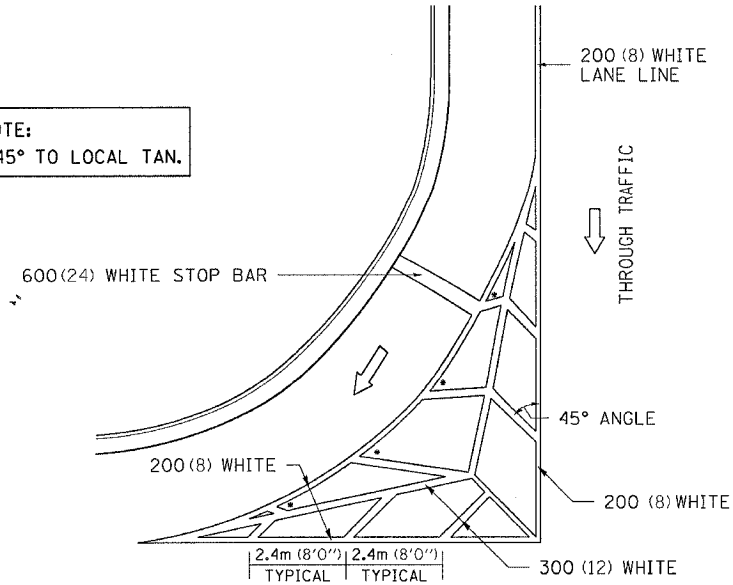
REVISED 8-10-05

PLOT DATE = Fri Apr 27 09:37:05 2007
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 PLOT SCALE = 20.0000 7 IN.
 REFERENCE = #REF#

F.A. PROJECT NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
734	(4MFT)R	WINNEBAGO	353	274
STA.		TO STA.		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		

TYPICAL MARKING FOR PAINTED ISLANDS

NOTE:
* 45° TO LOCAL TAN.

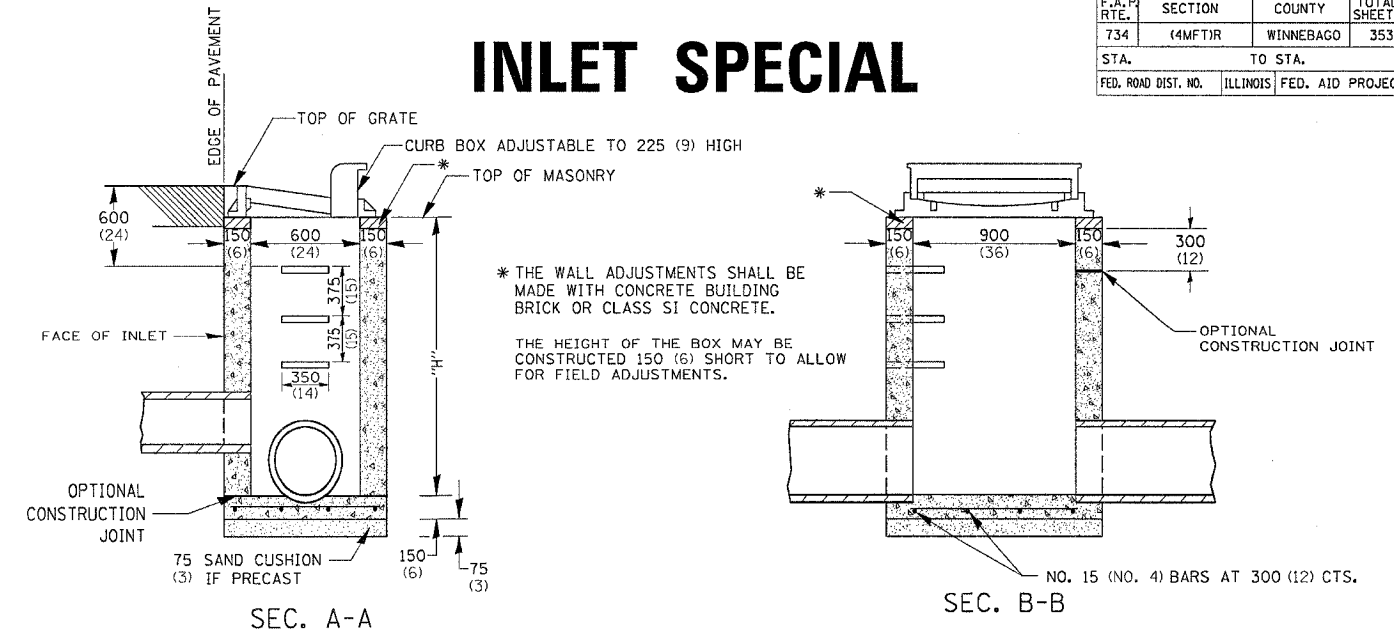


ALL DIMENSIONS ARE IN MILLIMETERS (INCHES) UNLESS OTHERWISE NOTED.

TYPICAL MARKING FOR PAINTED ISLANDS 93.4

REVISED 2-7-05

INLET SPECIAL

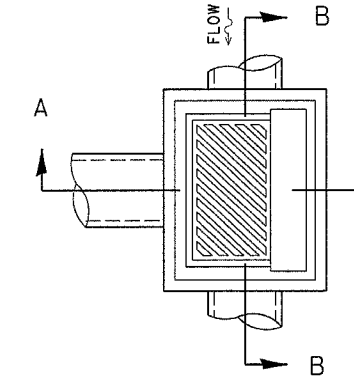


* THE WALL ADJUSTMENTS SHALL BE MADE WITH CONCRETE BUILDING BRICK OR CLASS SI CONCRETE.

THE HEIGHT OF THE BOX MAY BE CONSTRUCTED 150 (6) SHORT TO ALLOW FOR FIELD ADJUSTMENTS.

SEC. A-A

SEC. B-B



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.

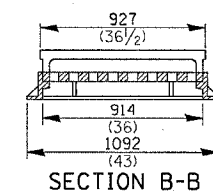
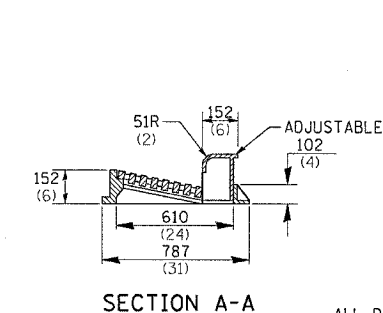
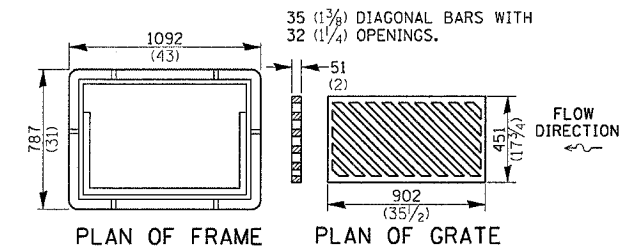
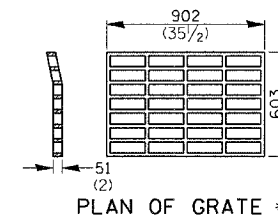
WEIGHT OF CAST IRON FRAME & GRATE = 240 kg (530 lbs.) ±. STEPS SHALL BE OMITTED WHEN DEPTH OF "H" IS LESS THAN 1.5 m (5 ft).

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.



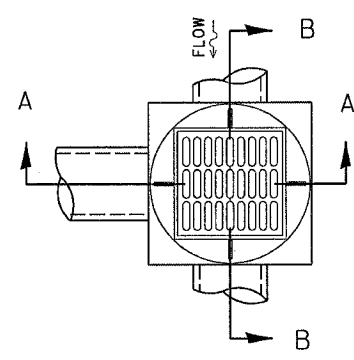
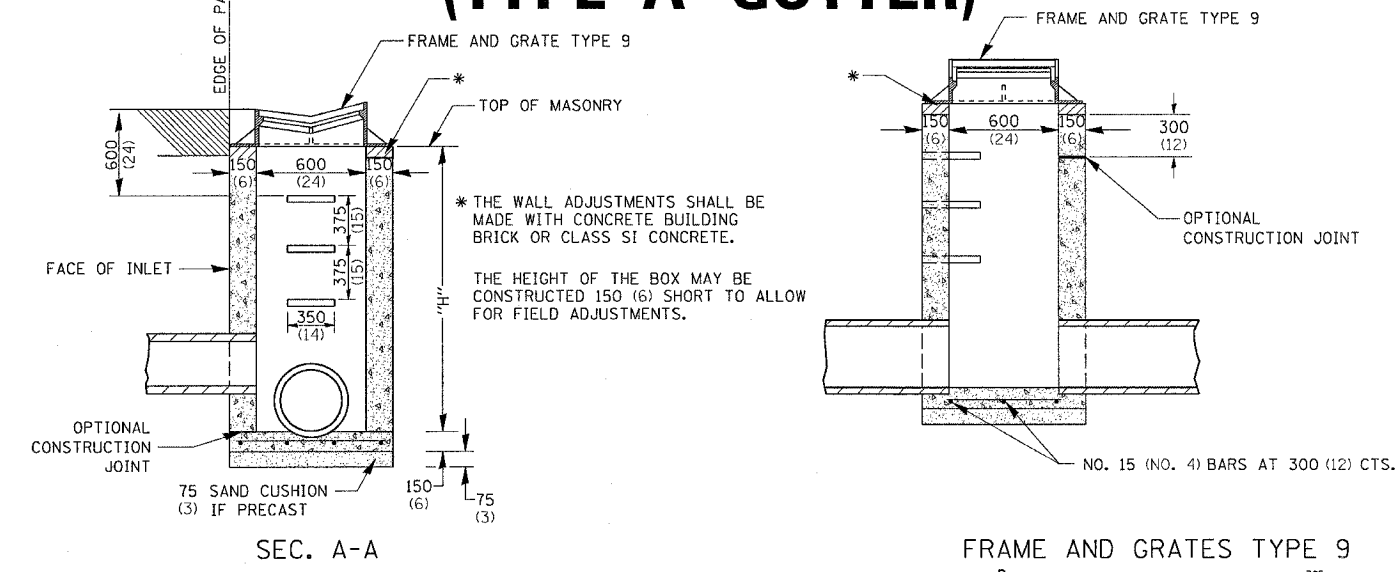
* THIS GRATE TO BE USED WITHOUT CURB BOX WHEN INLET IS IN DRIVEWAY.

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

PLOT DATE = Fri, Apr 27 09:27:06 2007
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PLOT SCALE = 28.000000 * / IN.
REFERENCE = REF#

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
734	(4MFT)R	WINNEBAGO	353	275
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		

INLET SPECIAL (TYPE A GUTTER)



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.

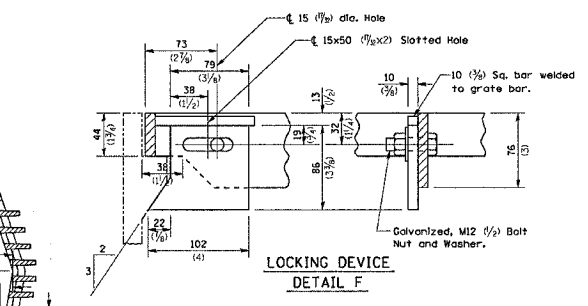
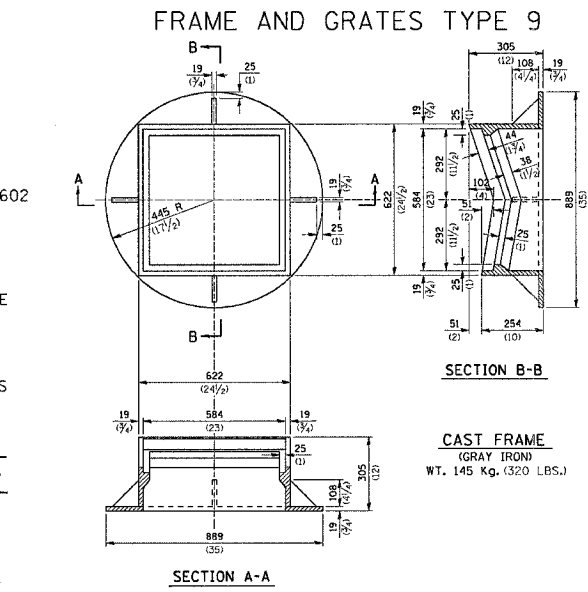
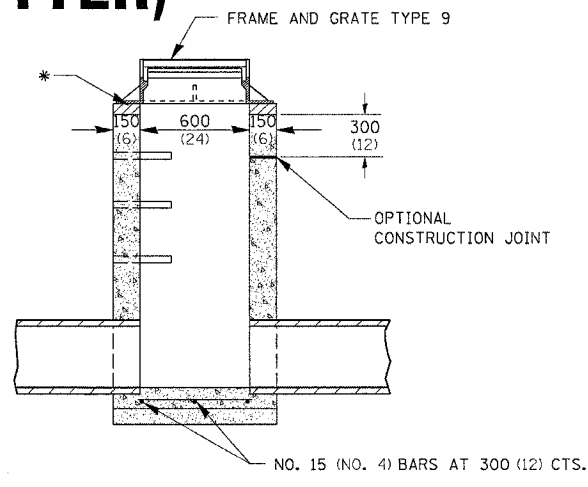
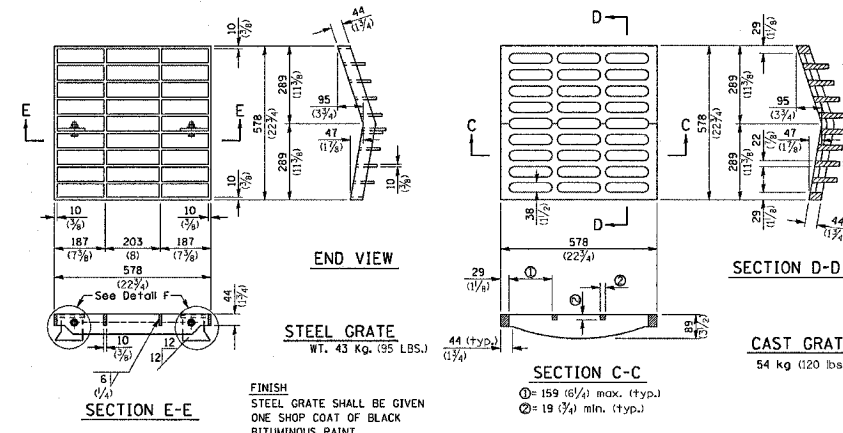
WEIGHT OF CAST IRON FRAME & GRATE = 200kg (440 LBS.).

STEPS SHALL BE OMITTED WHEN DEPTH OF "H" IS LESS THAN 1524 (60).

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 SLAB, SAND CUSHION (WHEN USED) AND REINFORCEMENT BARS.



GENERAL NOTES

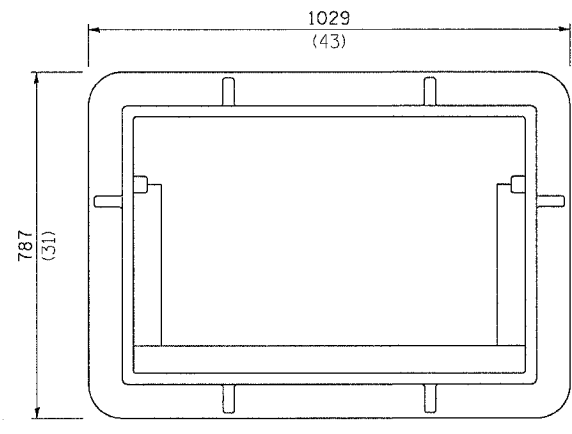
THE MATERIAL FOR STEEL GRATE SHALL CONFORM TO ARTICLE 1006.04 OF THE STANDARD SPECIFICATIONS.

THE USE OF EITHER A CAST GRATE OR A STEEL GRATE WITH THE CAST FRAME SHALL BE THE OPTION OF THE CONTRACTOR.

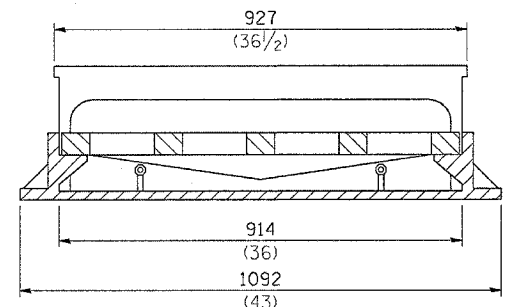
THE CAST GRATE MAY BE MADE OF EITHER GRAY IRON OR DUCTILE IRON CONFORMING TO THE STANDARD SPECIFICATIONS. DUCTILE IRON CASTING SHALL BE GRADE 65-45-12

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

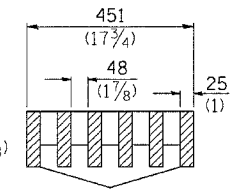
FRAME AND GRATE FOR INLET SPECIAL



PLAN OF FRAME WITHOUT GRATE AND CURB BOX

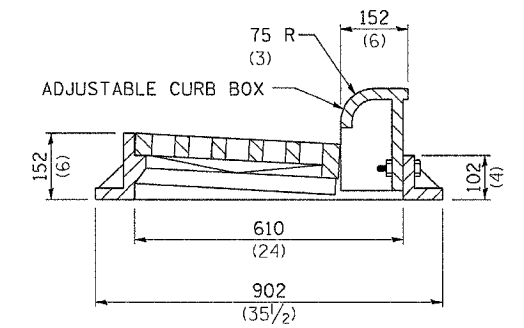


LONGITUDINAL SECTION

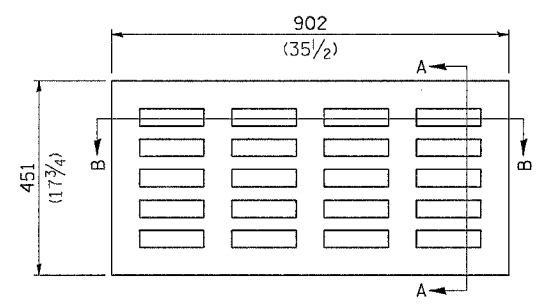


SECTION A-A

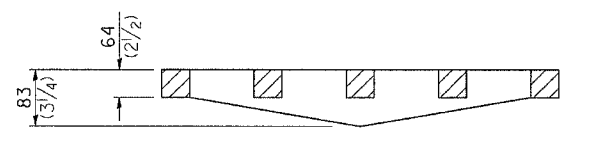
6 BARS AT 25 (1)
5 OPENINGS AT 48 (1 7/8)



TRANSVERSE SECTION



PLAN OF GRATE



SECTION B-B

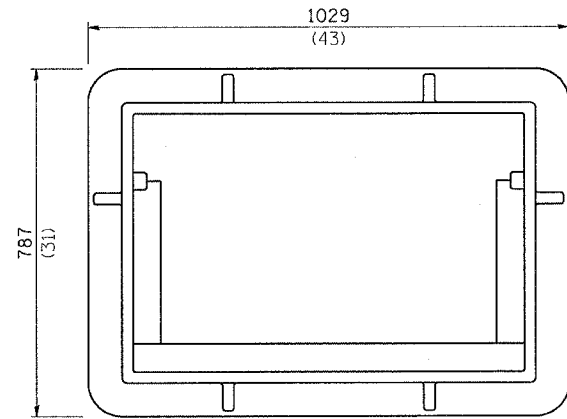
ALL DIMENSIONS ARE IN MILLIMETERS (INCHES) UNLESS OTHERWISE NOTED.

R 3246
APPROXIMATE WEIGHT - 225 Kg. (495 LBS.)

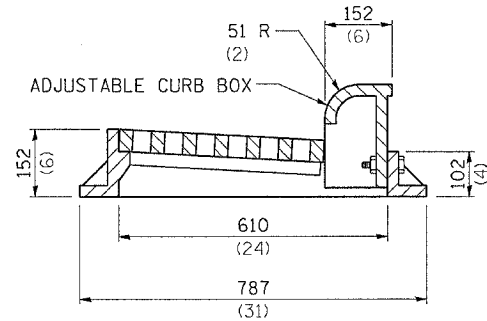
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 REFERENCE = SHEETS

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
734	(4MFT)R	WINNEBAGO	353	276
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS	FED. AID PROJECT	

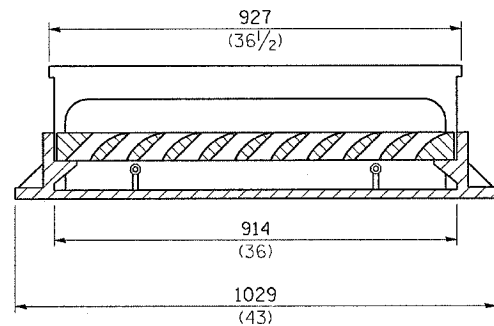
FRAME AND GRATE FOR INLET SPECIAL



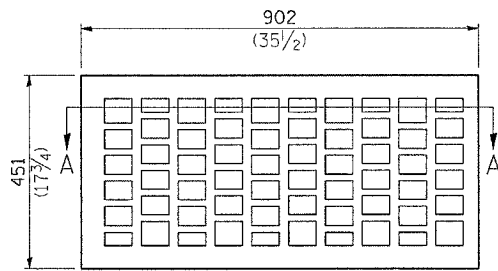
PLAN OF FRAME
WITHOUT GRATE AND CURB BOX



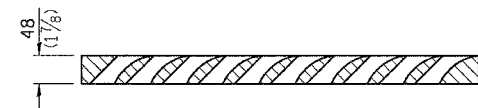
TRANSVERSE SECTION



LONGITUDINAL SECTION



PLAN OF GRATE

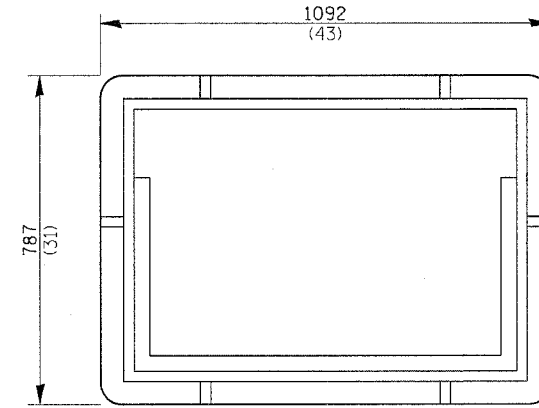


SECTION A-A

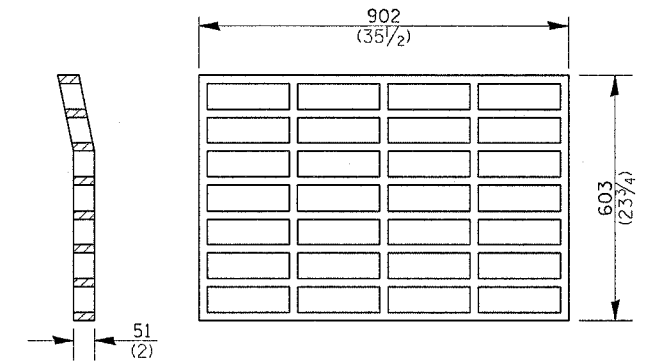
ALL DIMENSIONS ARE IN MILLIMETERS (INCHES) UNLESS OTHERWISE NOTED.

R 3067
APPROXIMATE WEIGHT - 222 Kg. (490 LBS.)

FRAME AND GRATE FOR INLET SPECIAL

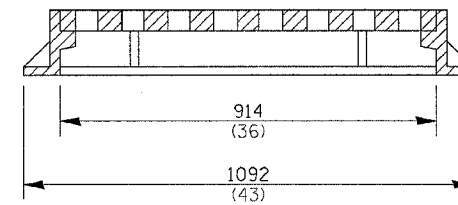


PLAN OF FRAME



PLAN OF GRATE

* THIS GRATE TO BE USED WITHOUT CURB BOX WHEN INLET IS IN DRIVEWAY.



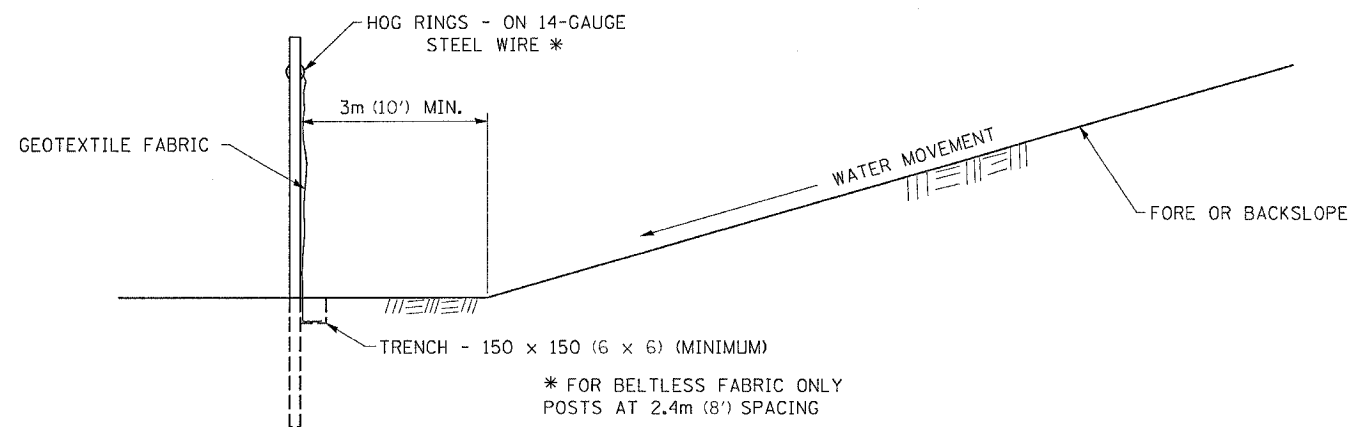
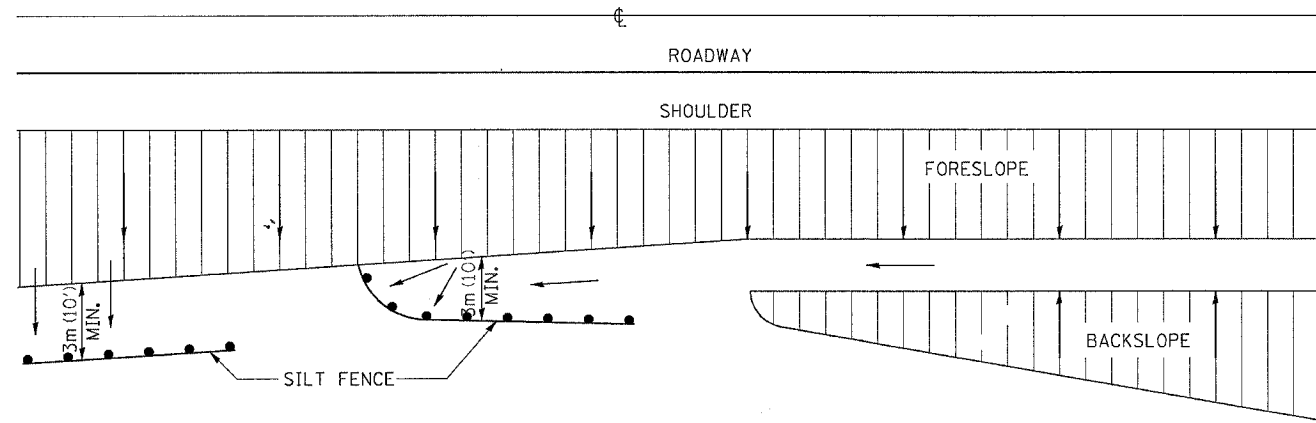
ALL DIMENSIONS ARE IN MILLIMETERS (INCHES) UNLESS OTHERWISE NOTED.

APPROXIMATE WEIGHT OF CAST IRON FRAME & GRATE - 240 Kg. (530 LBS.)

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PLOT SCALE = 20.0000 / 1 IN.
REFERENCE = #REF#

F.A.P. RY.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
734	(4MFT)R	WINNEBAGO	353	277
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS	FED. AID PROJECT	

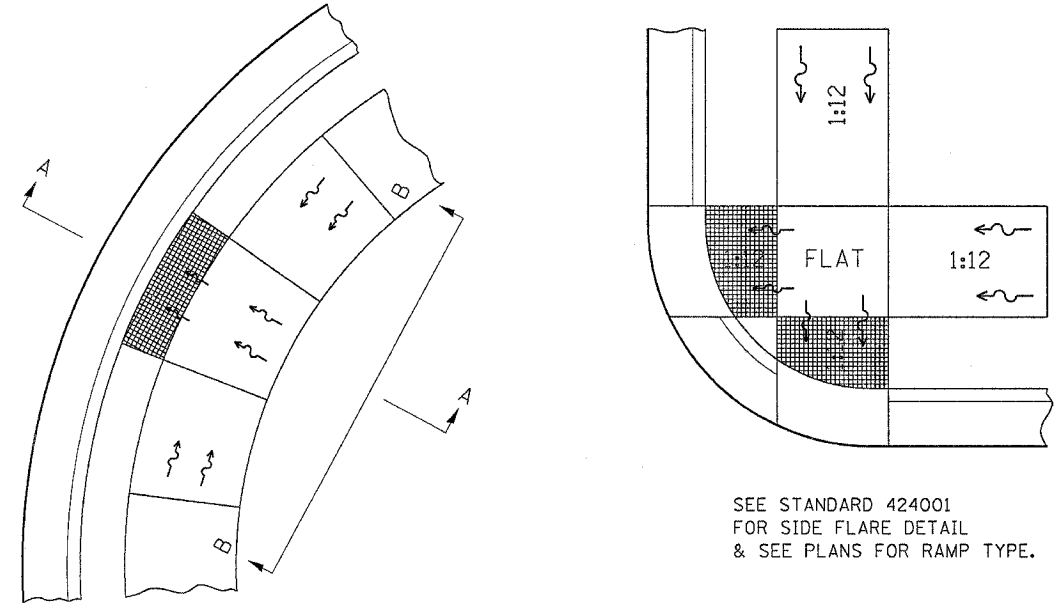
EROSION CONTROL DETAILS FOR SILT FENCE



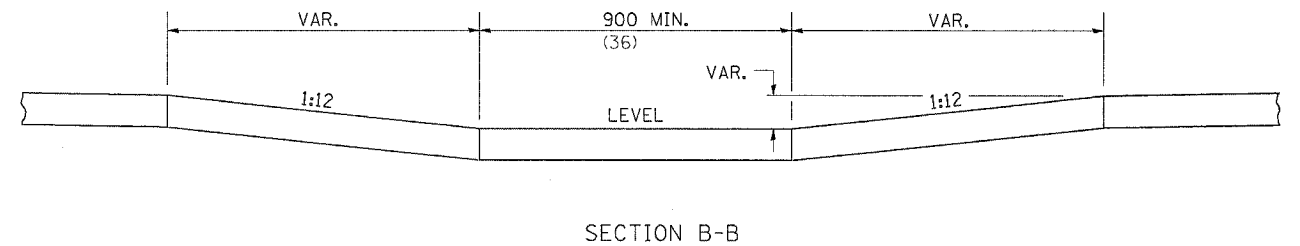
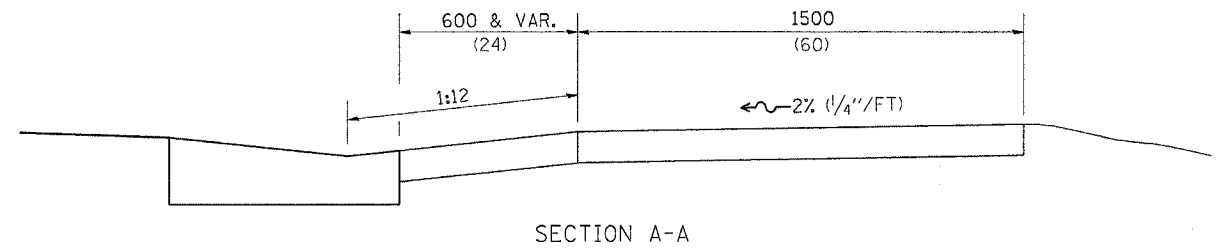
DETAILS OF SILT FENCE

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

DISABLED RAMP DETAIL



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

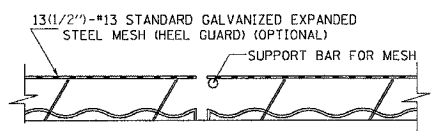
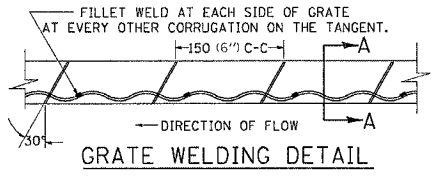
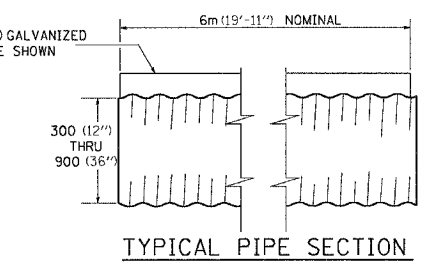
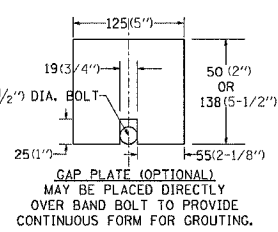
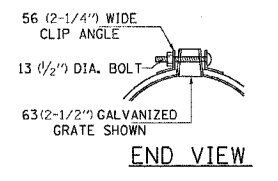
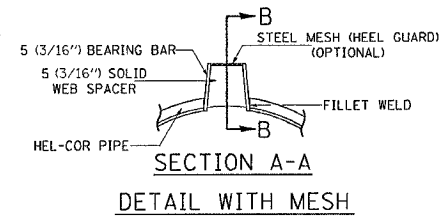
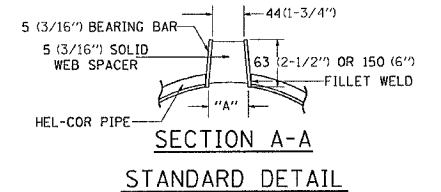
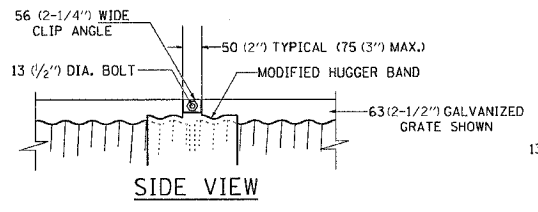
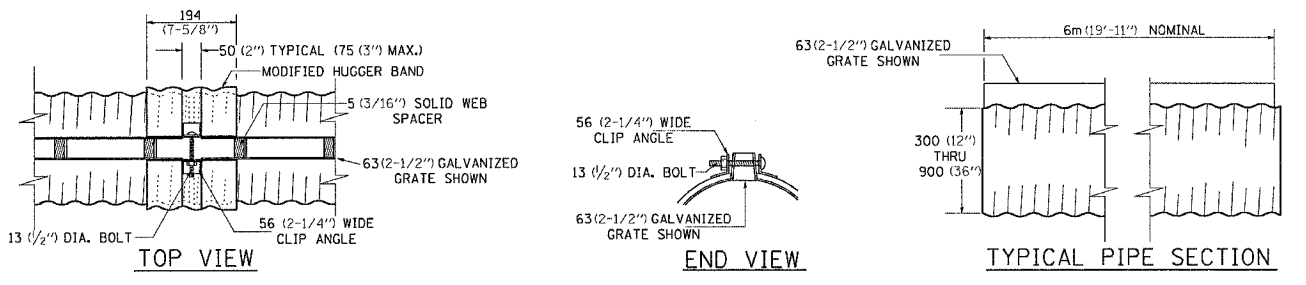


NOTES : THIS DETAIL TO BE USED IN CONJUNCTION WITH STATE STANDARD 424001. THE MAXIMUM ALLOWABLE CROSS SLOPE FOR SIDEWALK IS 2% (1/4\"/>

PLOT DATE = Fri Aug 27 09:37:07 2007
 FILE NAME = C:\Users\mcs11\Documents\2008\20080820\20080820.dwg
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 REFERENCE = REF#

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
734	(4MFT)R	WINNEBAGO	353	278
STA.	TO STA.			
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		

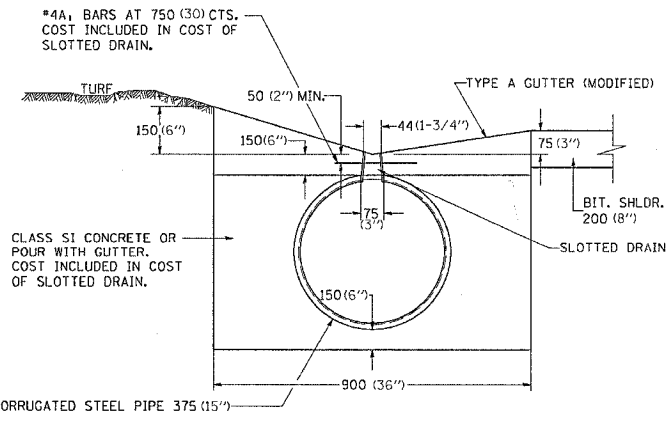
SLOTTED DRAIN PIPE



GAGE OF PIPE	STANDARD SIZES					
	300 (12')	375 (15')	450 (18')	600 (24')	750 (30')	900 (36')
16	X	X	X	X	X	X
14	X	X	X	X	X	X
12	N.A.	N.A.	N.A.	N.A.	X	X

GRATE TYPE	"A"
VERT 63(2-1/2'')	44(1-3/4'')
VERT 150(6'')	44(1-3/4'')
TRAP 63(2-1/2'')	56(2-1/4'')
TRAP 150(6'')	75(3'')

- SLOTTED DRAIN NOTES**
- GRATING IS AVAILABLE IN DEPTHS OF 63(2-1/2'') AND 150(6'').
 - VERTICAL GRATING (STRAIGHT SIDES) WITH VERTICAL SPACERS IS ALSO AVAILABLE.
 - FOR 150(6'') VERTICAL & TRAPZOIDAL REQUIREMENTS, THE SLOTTED DRAIN BAND MAY BE FURNISHED WITH THE 100(4'') TECHCO BAND ANGLE.
 - DIMENSIONS ARE SUBJECT TO MANUFACTURING TOLERANCES.
 - REFERENCE CONTECH BAND MANUAL DWG. NO. 1008466 FOR BAND DETAILS.



NOTES

CLASS SI CONCRETE SHALL BE USED THROUGHOUT.

THE SLOTTED DRAIN SHALL BE CORRUGATED PIPE CULVERT WITH INTEGRAL SLOTTED DRAINS. BEFORE PLACING THE CONCRETE ADJACENT TO THE PIPE, THE SLOT SHALL BE COVERED BY EITHER THIN, FLAT METAL SHEETING OR BY A BOARD NOTCHED TO FIT OVER THE GRATE BARS. THIS COVERING MUST FIT CLOSELY IN THE SLOT TO PREVENT ENTRY OF CONCRETE INTO THE PIPE. PAVING OVER THE SLOTTED DRAIN WILL THEN BE ONE CONTINUOUS OPERATION OVER THE PROTECTED DRAIN. THE PROTECTION FOR THE DRAIN SLOT SHALL THEN BE REMOVED. THE PIPE SHALL DRAIN INTO THE SIDE OF THE INLET. THE OPENING WHERE THE SLOT IS REMOVED SHALL BE COVERED TO PREVENT CONCRETE FROM ENTERING THE PIPE.

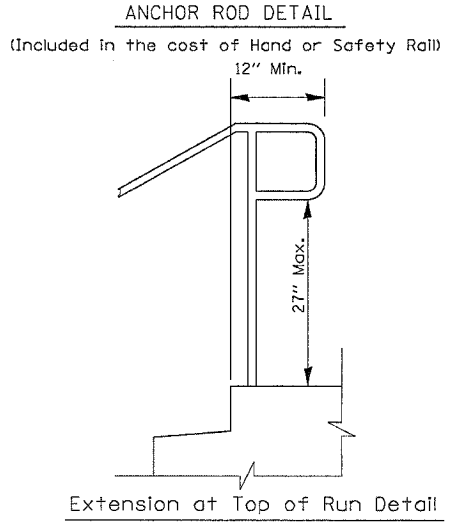
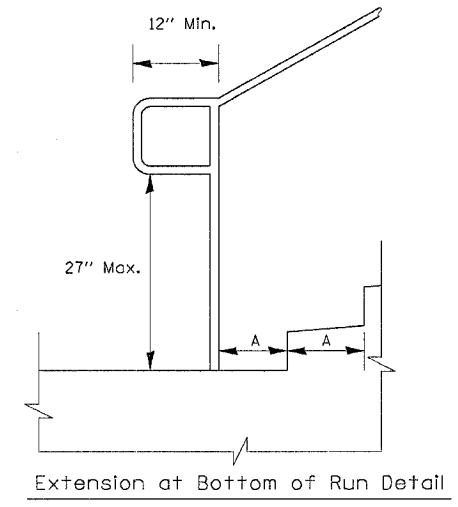
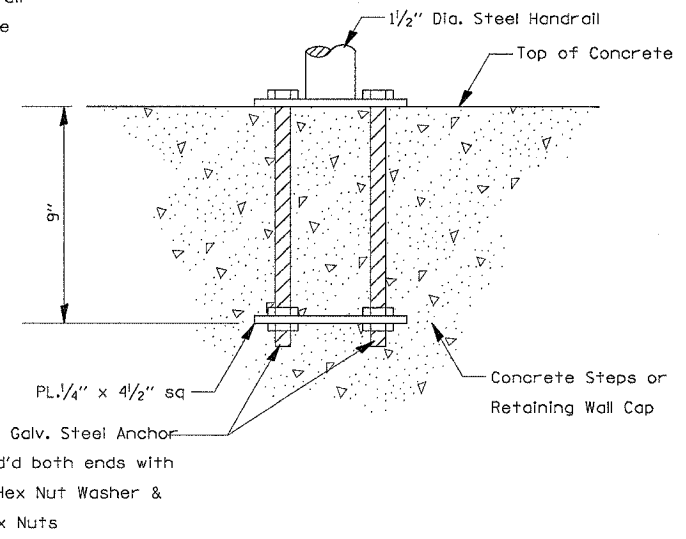
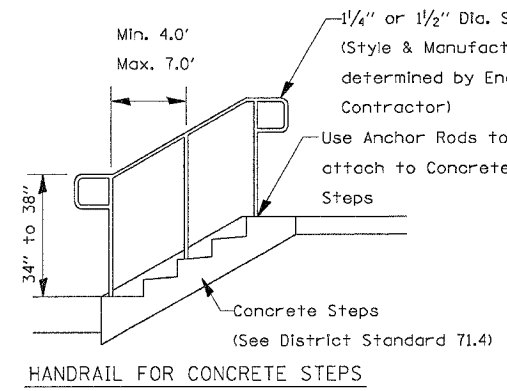
THE CORRUGATED STEEL PIPE USED IN THE SLOTTED DRAIN SHALL MEET THE REQUIREMENTS OF AASHTO M-36/ASTM A 760. THE CMP SHALL BE GALVANIZED OR ALUMINIZED STEEL TYPE 2. STEEL GRATING SHALL MEET THE GALVANIZING REQUIREMENTS OF AASHTO M-111. THIS WORK WILL BE PAID FOR AT THE CONTRACT UNIT PRICE PER FOOT FOR SLOTTED DRAIN PIPE, AND SHALL INCLUDE ELBOWS, DRILLING HOLES IN GRATING, SUPPLYING AND PLACING A1 BARS AND CONCRETE.

USE APPROVED END CAP TO PREVENT CONCRETE ENTRY INTO THE PIPE DURING GUTTER CONSTRUCTION ON THE UPSTREAM END OF PIPE.

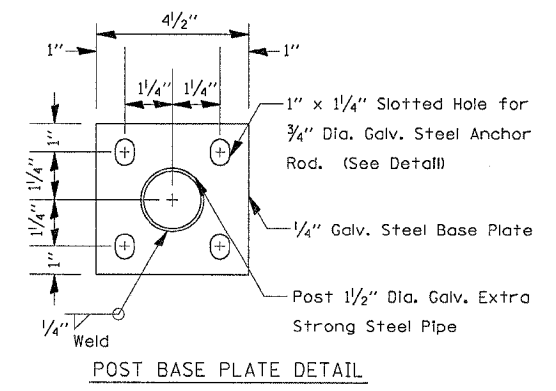
ANY BENDS, ELBOWS, TEES, OR FITTINGS NEEDED TO CONNECT SLOTTED DRAIN PIPE TO DRAINAGE STRUCTURE/SYSTEM SHALL BE INCLUDED IN THE COST OF SLOTTED DRAIN PAY ITEMS.

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

PIPE HANDRAILS FOR STEPS



- 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 509 with the exception that all pipe and connections shall be welded galvanized or aluminum according to Article 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.



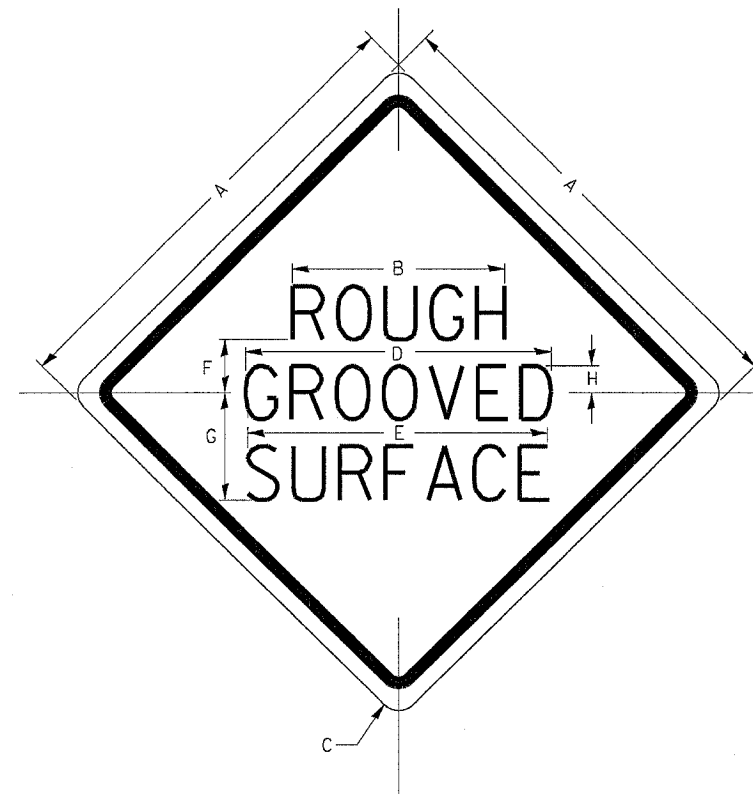
(Included in the cost of Hand or Safety Rail)

PLOT DATE = The May 17 06:08:14 2007
 PLOT SCALE = 3/8" = 1'-0"
 PLOT SIZE = 24" x 36"
 REFERENCE = #REF#

ROUGH GROOVED SURFACE SIGN

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
734	(4MFT)R	WINNEBAGO	353	279
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS	FED. AID PROJECT	

ILLINOIS STANDARD W8-I107
SIGN PANEL TYPE 1



COLOR: LEGEND AND BORDER - BLACK NON-REFLECTIVE
BACKGROUND - ORANGE REFLECTORIZED

GENERAL NOTES

SIGN PANELS AND FACE MATERIALS SHALL BE ACCORDING TO SECTION 720 OF THE STANDARD SPECIFICATIONS

METAL POSTS SHALL BE IN ACCORDANCE WITH STD. 720011.

ALL MOUNTING HARDWARE SHALL BE ALUMINUM, STAINLESS STEEL, ZINC OR CADMIUM PLATED STEEL AND SHALL BE INCIDENTAL TO THE COST OF THE INSTALLATION.

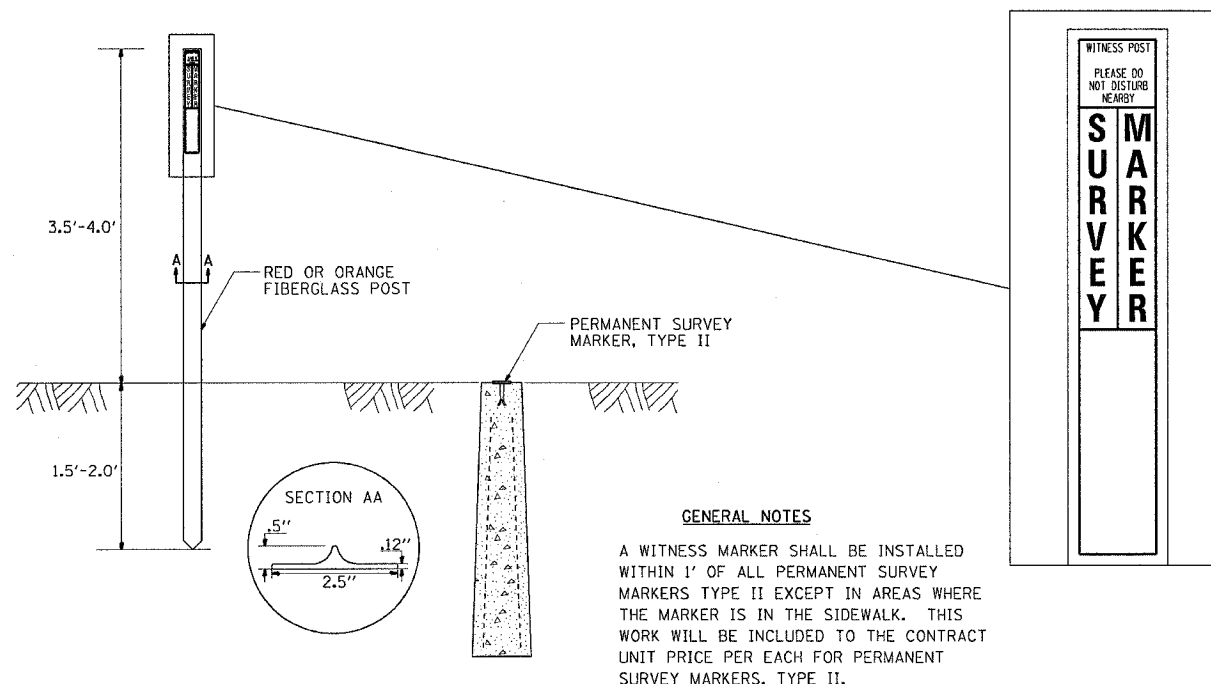
ALL DIMENSIONS ARE IN MILLIMETERS (INCHES) UNLESS OTHERWISE NOTED.

SIGN SIZE	DIMENSIONS							
	A	B	C	D	E	F	G	H
1200x1200 (48x48)	1200 (48.0)	600 (24.1)	75 (3.0)	850 (34.0)	825 (33.0)	150 (6.0)	325 (13.0)	88 (3.5)

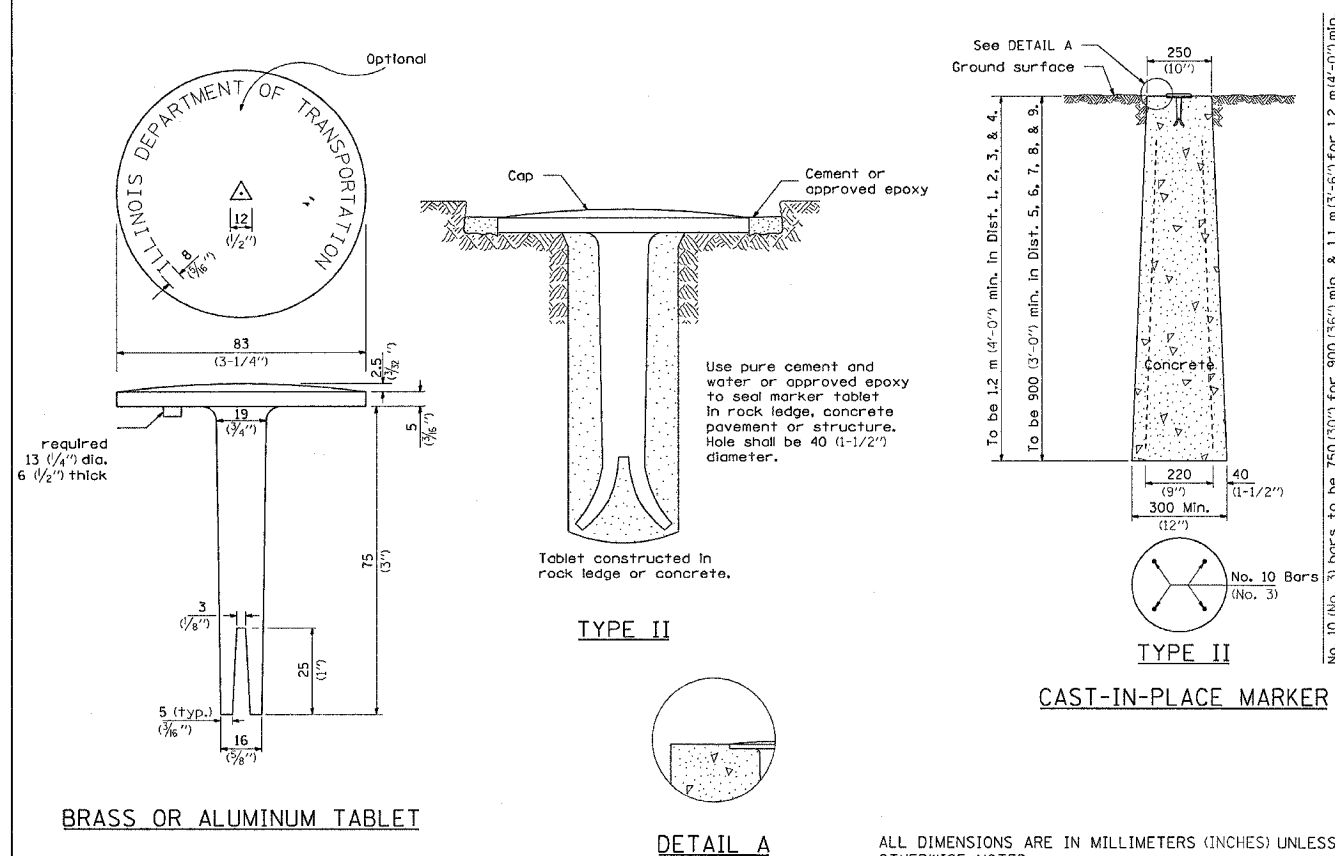
SIGN SIZE	SERIES LINES			MARGIN	BORDER	BLANK STD.
	1	2	3			
1200x1200 (48x48)	7C	7C	7C	20 (0.8)	30 (1.2)	B4-48D

ALL DIMENSIONS IN INCHES.

WITNESS MARKER FOR PERMANENT SURVEY MARKERS, TYPE II



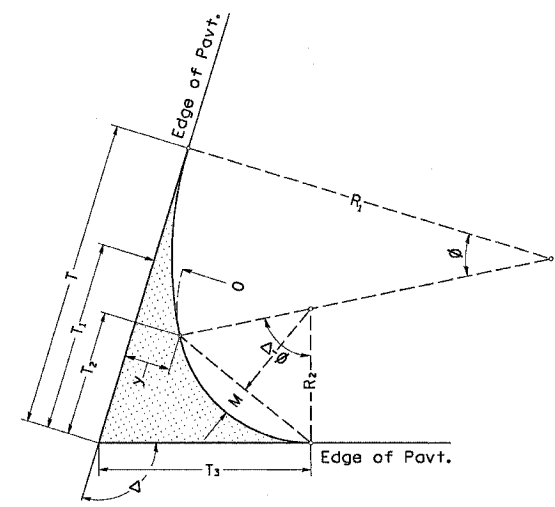
PERMANENT SURVEY MARKERS, TYPE II



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 REFERENCE = REF#

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
734	(4MFT)R	WINNEBAGO	353	280
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS	FED. AID PROJECT	

TWO CENTER CURVE DATA



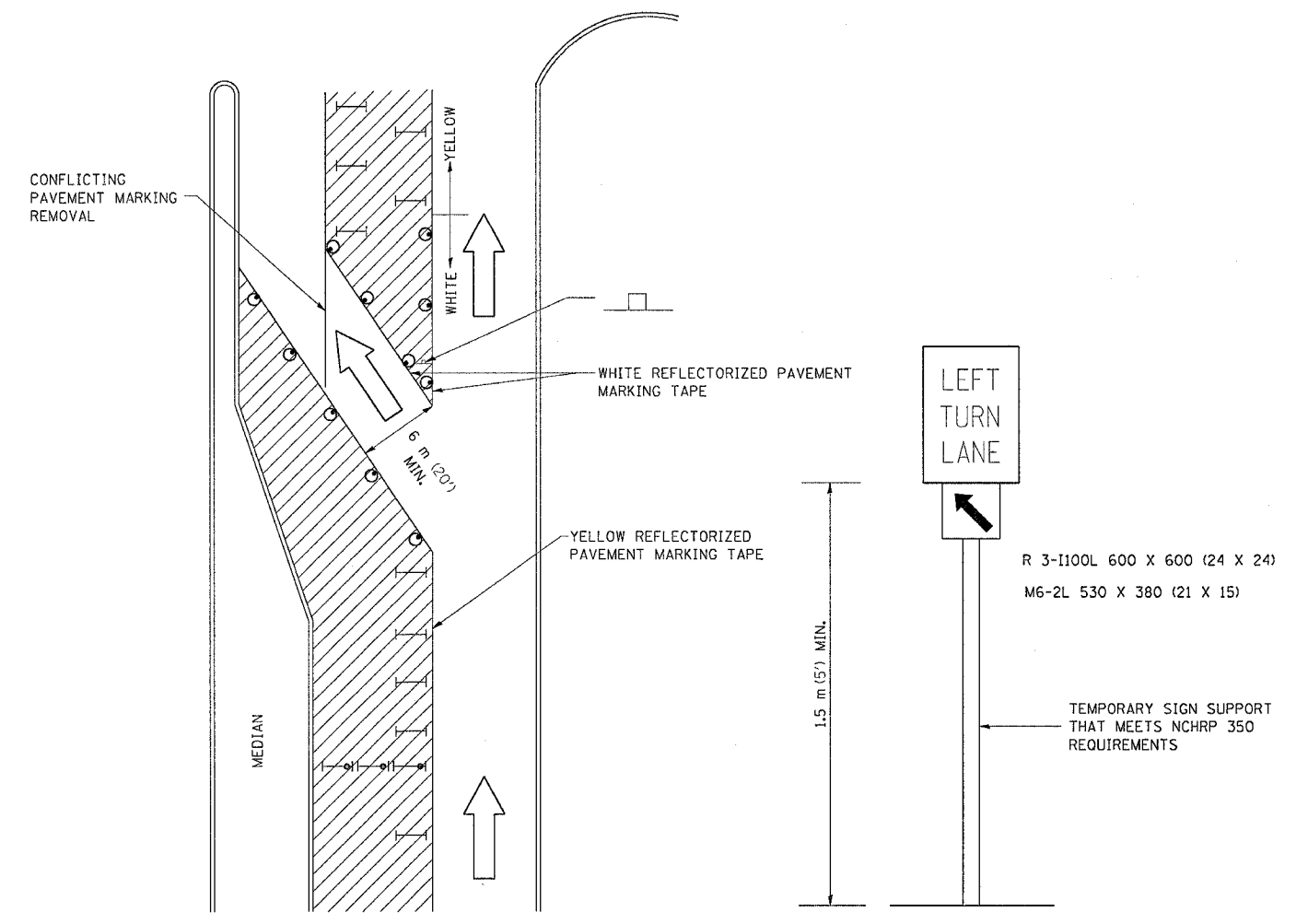
TWO CENTER CURVES

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

CURVE NO.	1	2	3	4	5	6	7	8	9	10
R1	450.0	360.0	300	200	200	300	140	150	250	200
R2	90.0	80.0	50.0	50.0	50.0	50.0	30.0	25.0	35.0	40.0
O	10.0	12.0	12.0	6.5	10.0	14.0	6.0	10.0	7.0	6.0
DELTA	87.90	91.00	79.70	100.30	105.00	75.00	89.30	90.70	88.60	91.00
T	170.66	162.71	116.08	104.8	121.7	117.1	65.4	74.419	88.4	84.21
T1	86.39	81.62	39.55	61.09	67.84	34.62	29.56	25.43	33.98	40.81
T2	65.33	58.45	24.25	46.53	49.89	18.12	19.79	15.63	25.13	29.96
T3	96.77	93.41	53.93	66.51	75.51	52.86	35.64	35.31	41.16	46.71
y	12.50	15.43	14.40	8.67	13.33	16.80	7.64	12.00	8.14	7.50
4y/9	5.56	6.86	6.40	3.85	5.93	7.47	3.39	5.33	3.62	3.33
y/9	1.39	1.71	1.60	0.96	1.48	1.87	0.85	1.33	0.90	0.83
M	18.30	16.18	7.11	12.66	12.83	5.80	5.47	4.23	7.04	8.32
15M/16	17.15	15.17	6.67	11.87	12.03	5.44	5.13	3.96	6.60	7.80
3M/4	13.72	12.13	5.34	9.49	9.62	4.35	4.10	3.17	5.28	6.24
7M/16	8.00	7.08	3.11	5.54	5.61	2.54	2.39	1.85	3.08	3.64
C	108.78	96.47	51.41	66.50	66.89	46.74	34.54	27.82	42.10	48.84

CURVE NO.	11	12	13	14	15	16	17	18	19	20
R1	300	100	280	160	250	150	300	250	280	250
R2	60.0	50.0	35.0	30.0	35.0	30.0	40.0	35.0	35.0	35.0
O	10.0	4.0	7.0	8.0	7.0	10.0	8.0	5.0	7.0	7.0
DELTA	90.90	89.10	87.50	91.00	89.90	91.20	90.80	89.40	88.50	90.50
T	129.7	68.75	91.35	75.57	89.34	78.8	104.7	80.68	92.06	89.78
T1	61.11	49.16	33.20	30.67	34.93	30.84	40.67	34.58	33.91	35.37
T2	43.97	29.56	24.89	20.31	26.07	18.85	30.83	27.08	25.61	26.51
T3	70.95	53.22	40.51	38.53	41.94	40.64	48.56	39.64	41.10	42.31
y	12.50	8.00	8.00	9.85	8.14	12.50	9.23	5.81	8.00	8.14
4y/9	5.56	3.56	3.56	4.38	3.62	5.56	4.10	2.58	3.56	3.62
y/9	1.39	0.89	0.89	1.09	0.90	1.39	1.03	0.65	0.89	0.90
M	12.18	8.07	7.01	5.55	7.28	5.08	8.60	7.61	7.19	7.39
15M/16	11.42	7.57	6.57	5.20	6.82	4.76	8.06	7.14	6.74	6.93
3M/4	9.13	6.05	5.25	4.16	5.46	3.81	6.45	5.71	5.39	5.54
7M/16	5.33	3.53	3.06	2.43	3.18	2.22	3.76	3.33	3.15	3.23
C	72.47	54.48	42.02	34.75	42.73	33.40	49.55	43.59	42.50	43.02

TRAFFIC CONTROL AND PROTECTION AT TURN BAYS (TO REMAIN OPEN TO TRAFFIC)



LEGEND

- WORK AREA
- LANE OPEN TO TRAFFIC
- TYPE I OR II BARRICADE OR DRUM WITH FLASHING BURNING LIGHT
- DRUM OR BARRICADE WITH STEADY BURN LIGHT
- SIGN (SEE DETAIL)
- TYPE I OR II CHECK BARRICADE WITH STEADY LIGHT BURN

GENERAL NOTES

CONES MAY BE SUBSTITUTED FOR BARRICADES OR DRUMS AT HALF THE SPACING DURING DAY OPERATIONS. CONES SHALL BE A MINIMUM OF 710 (28) IN HEIGHT.

STEADY BURNING LIGHTS WILL NOT BE REQUIRED ON BARRICADES OR DRUMS FOR DAY OPERATIONS. ALL LIGHTS WILL BE MONODIRECTIONAL.

REFLECTORIZED TEMPORARY PAVEMENT MARKING TAPE SHALL BE PLACED THROUGHOUT THE BARRICADED AREA OF EACH BAY WHERE THE CLOSURE TIME IS GREATER THAN FOURTEEN DAYS.

THIS APPLICATION ALSO APPLIES WHEN WORK IS BEING PERFORMED IN THE RIGHT LANE(S) AND THE RIGHT TURN BAY IS TO REMAIN OPEN. UNDER THIS CONDITION, "RIGHT TURN LANE" R3-100 600 X 600 (24 X 24) AND M6-2R 530 X 380 (21 X 15) SHALL BE USED.

THESE CONTROLS SHALL SUPPLEMENT MAINLINE TRAFFIC CONTROL FOR LANE CLOSURES.

LONGITUDINAL DIMENSIONS MAY BE ADJUSTED TO FIT FIELD CONDITIONS.

TRAFFIC CONTROL AND PROTECTION AT TURN BAYS (TO REMAIN OPEN TO TRAFFIC) SHALL BE INCLUDED IN THE COST SPECIFIED TRAFFIC CONTROL STANDARDS OR ITEMS.

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

PLOT DATE = Mon Apr 30 14:31:24 2007
 PLOT SCALE = 20.0000 / IN.
 REFERENCE = REF'S

STORM WATER POLLUTION PREVENTION PLAN EROSION CONTROL PLAN

CONTRACT NO. 64450				
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
734	(4MFT)R	WINNEBAGO	353	281
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 4530 FEET OF PAVEMENT RECONSTRUCTION WITH WIDENING AND DRAINAGE IMPROVEMENTS AND 1110 FEET OF RESURFACING FROM INTERSECTION OF HARRISON AVENUE TO BUCKBEE ST IN CITY OF ROCKFORD

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) 18 ACRES

PROPOSED R.O.W (TOTAL PARCEL AREA) 2.9 ACRES

DISTURBED BY EXCAVATION (E.O.P TO CONSTRUCTION LIMIT) 7.3 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

UNNAMED DRAINAGE DITCH 1600 FEET WEST OF ILLINOIS 251

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.

PLOT DATE = Fri, Apr 27 09:27:09, 2007
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 REFERENCE = REF#

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
734	(4MFT)R	WINNEBAGO	353	282
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.

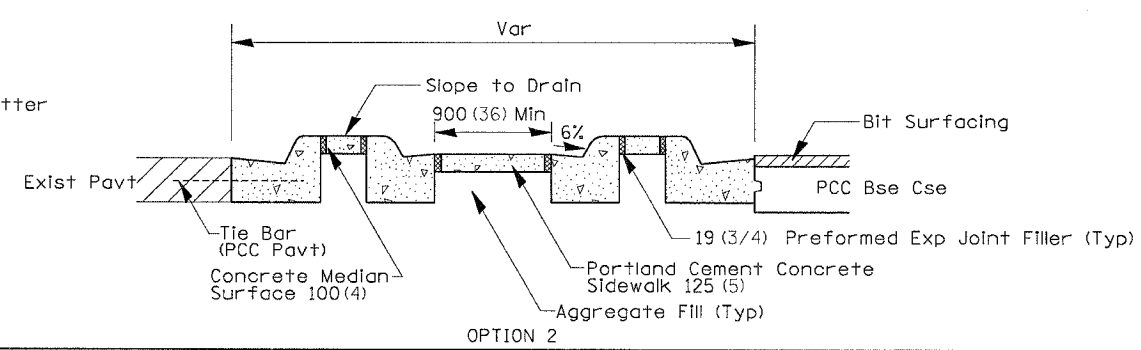
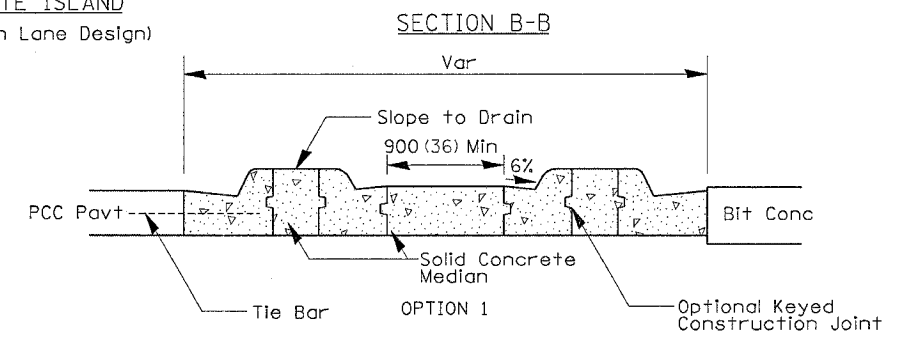
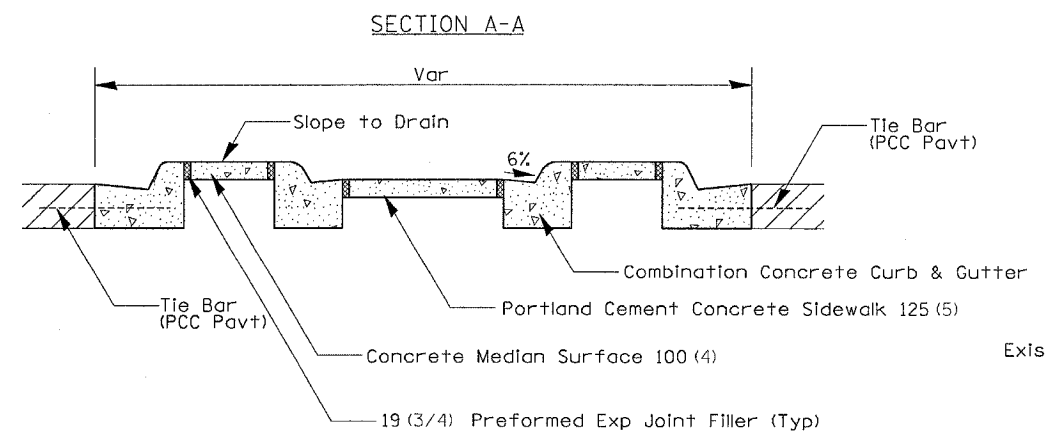
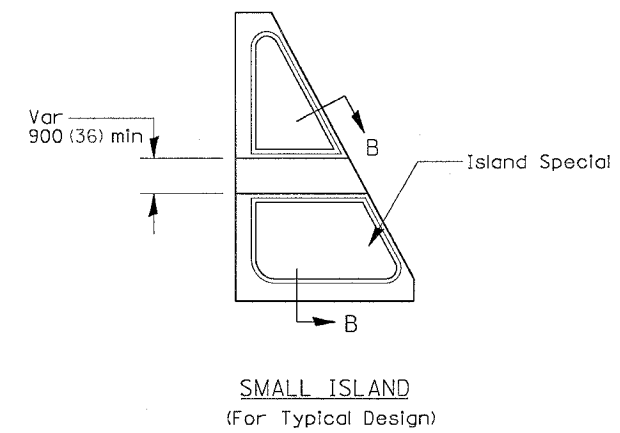
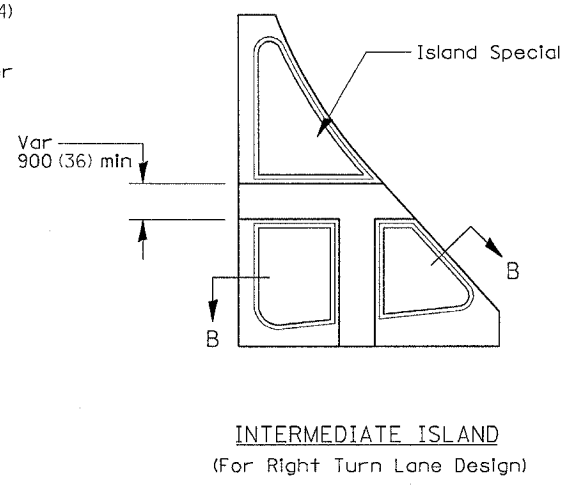
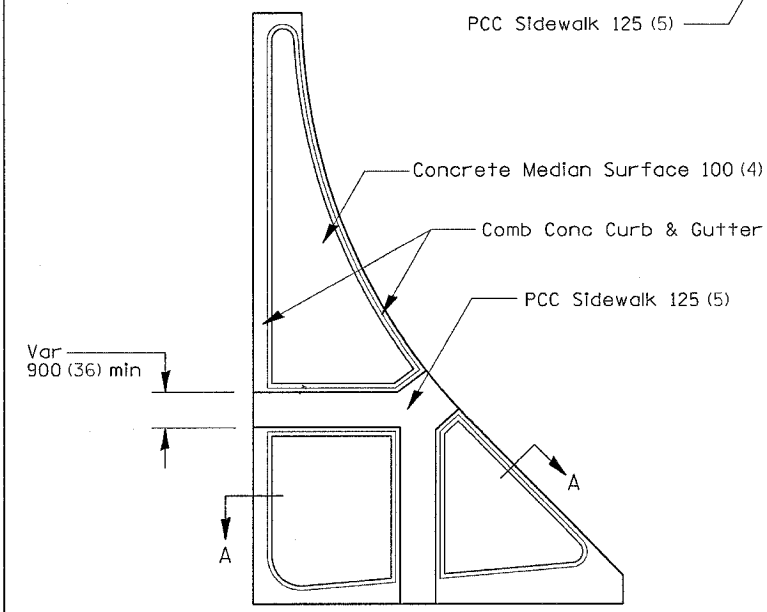
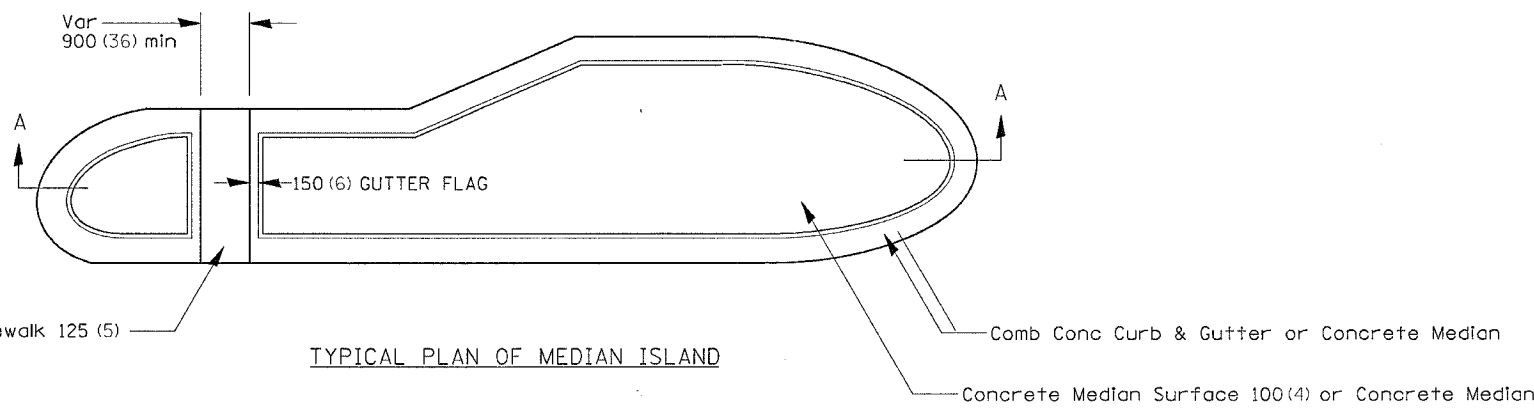
Keyed longitudinal construction joints shall be constructed without tie bars.

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.

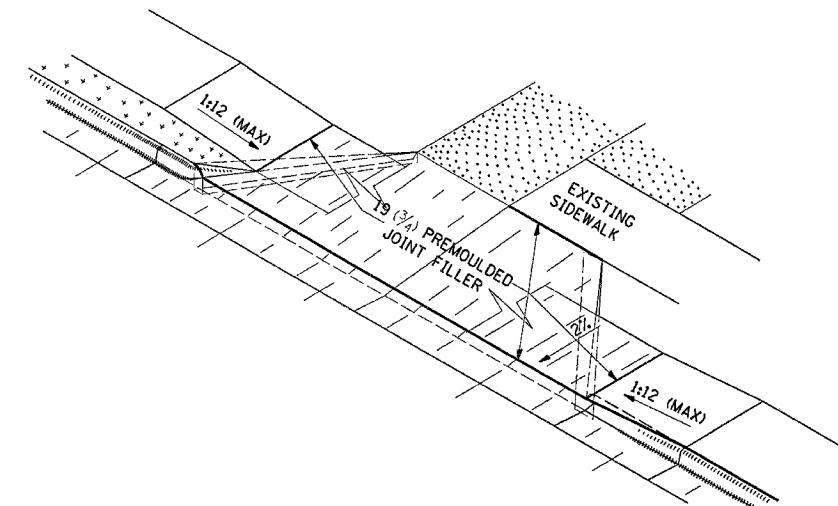
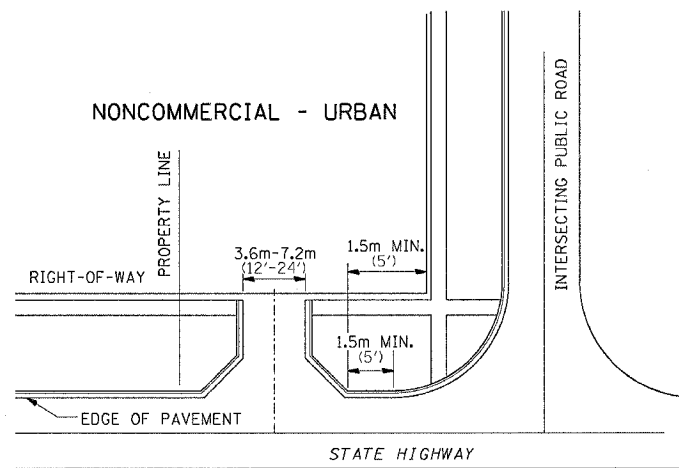
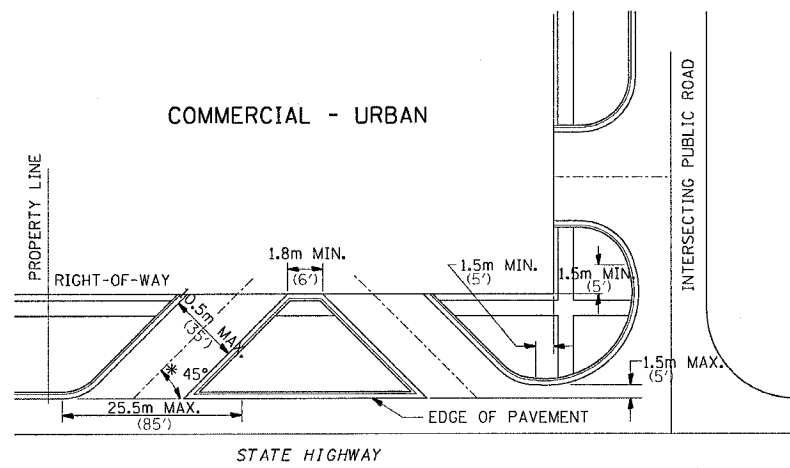


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F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
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STA.		TO STA.		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		

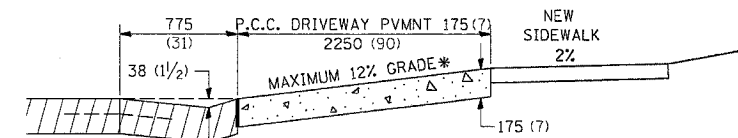
ENTRANCE APPROACHES - URBAN AREA

TYPICAL APPLICATION OF ENTRANCES

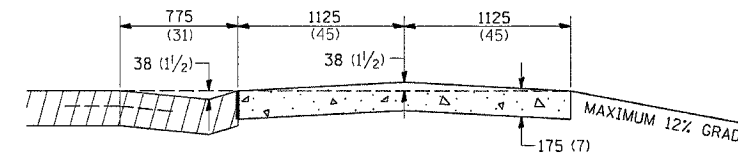


WHEN THE ISLAND BETWEEN DRIVES IS LESS THAN 7.5m (25') LONG OR LESS THAN 10 FEET WIDE, IT SHALL BE DEFINED BY CURBS, MASONRY, OR OTHER DEVICES.

* 45° MIN. ANGLE PERMITTED ONLY FOR ONE-WAY DRIVEWAYS.
60° MIN. ANGLE FOR TWO-WAY DRIVEWAYS.

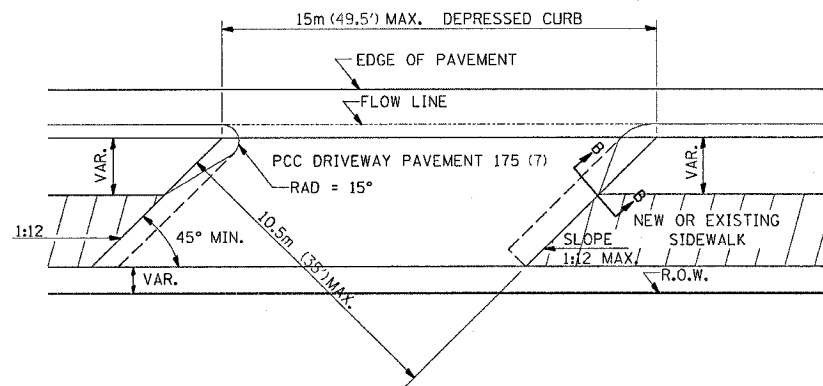


ASCENDING APPROACH

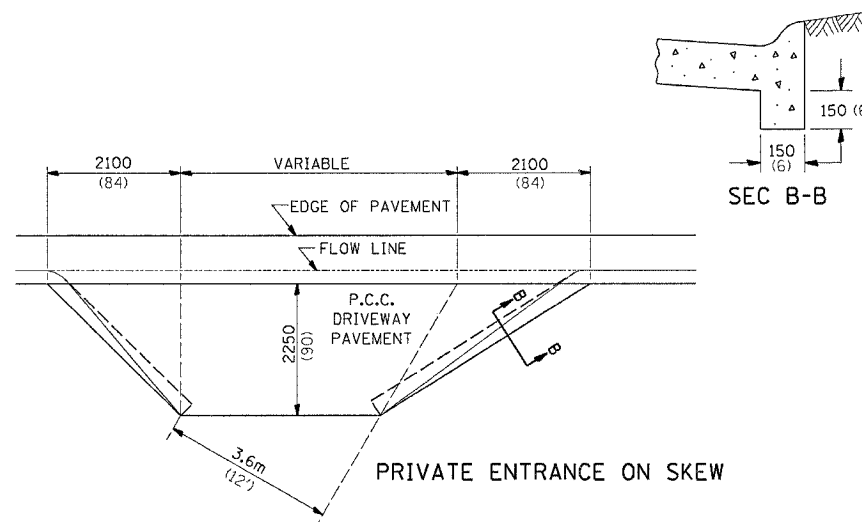


DESCENDING APPROACH

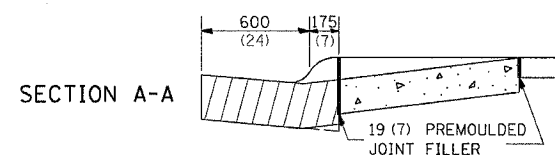
* IN CASES WHERE GRADE EXCEEDS 12%, THE RESIDENT ENGINEER SHALL CHECK WITH DISTRICT DESIGN OFFICE TO DETERMINE NEW APPROACH GRADE, PARTICULAR ATTENTION SHALL BE PAID TO THE NEGATIVE GRADE TO PREVENT DRAINAGE FROM OVER FLOWING INTO THE PRIVATE ENTRANCE.



COMMERCIAL ENTRANCE



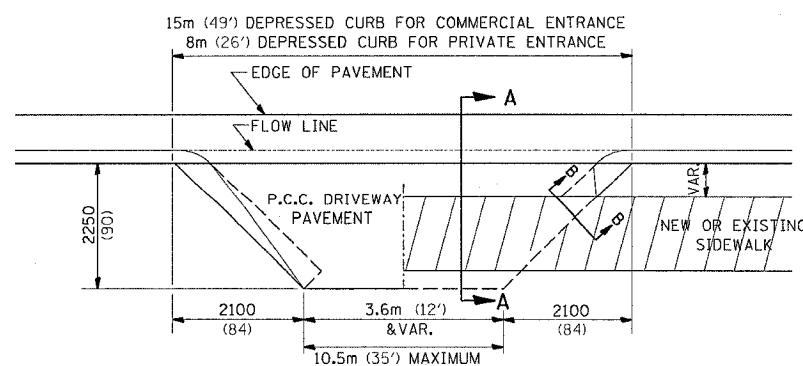
PRIVATE ENTRANCE ON SKEW



SECTION A-A

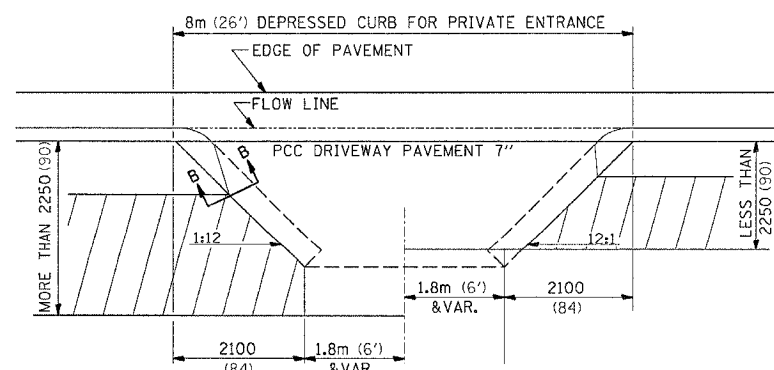
THE VARIABLE HEIGHT INTEGRAL CURB AND PREMOULDED JOINT FILLER WILL NOT BE PAID FOR SEPARATELY, BUT SHALL BE INCLUDED IN THE CONTRACT UNIT PRICE OF DRIVEWAY PAVEMENT OF THE THICKNESS SPECIFIED.

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



NO SIDEWALK

EXISTING SIDEWALK



NEW SIDEWALK

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REFERENCE = REF

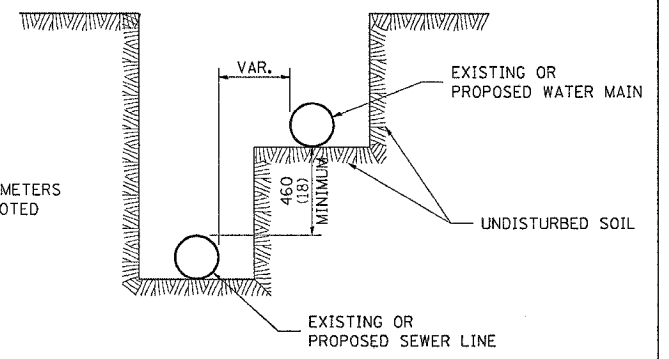
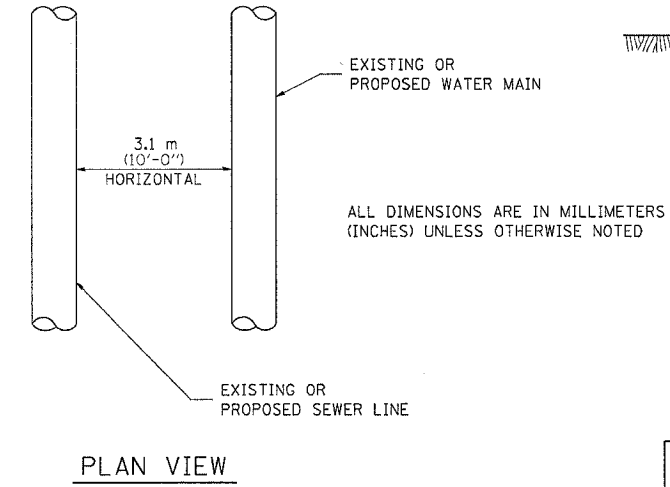
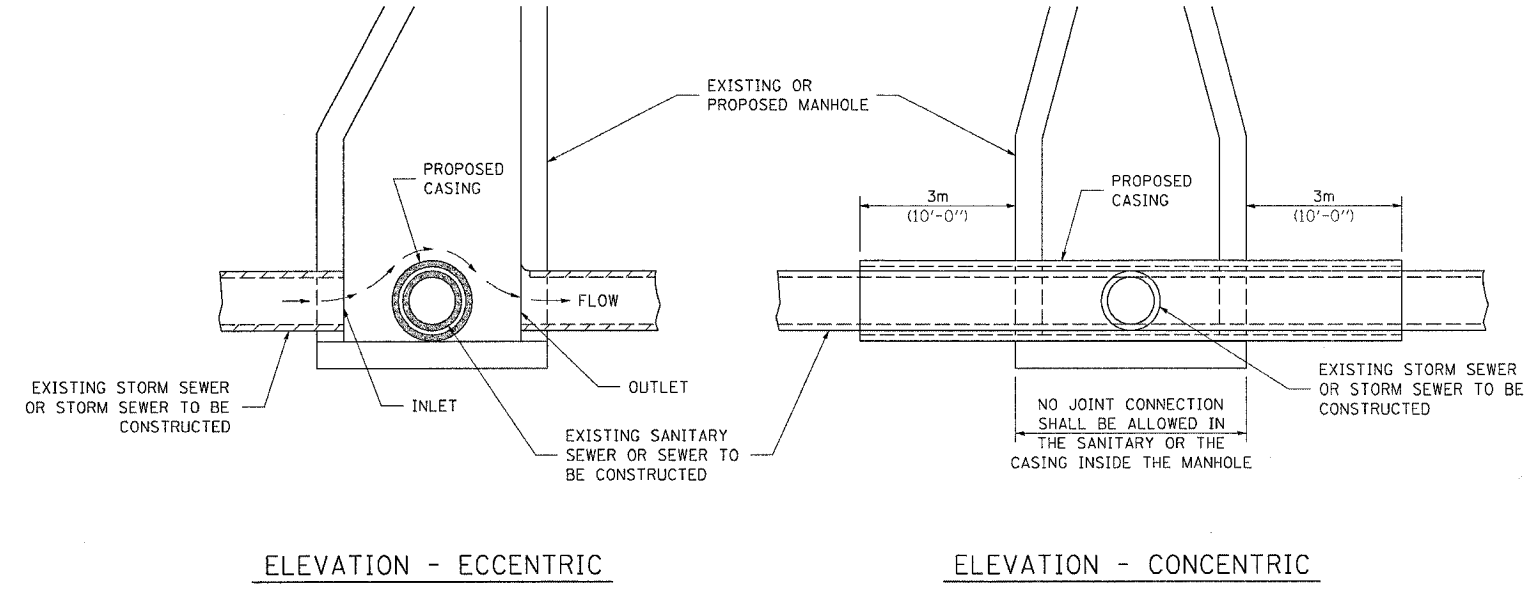
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
734	(4MFT)R	WINNEBAGO	353	284
STA.		TO STA.		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		

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.

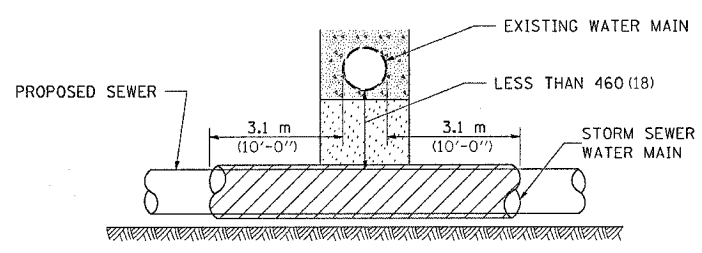


CASING SHALL BE CAST IRON WITH AN INSIDE DIAMETER 50 (2) LARGER IN DIAMETER THAN ENCASED PIPE OUTSIDE DIAMETER WITH BOTH ENDS OF CASING SEALED

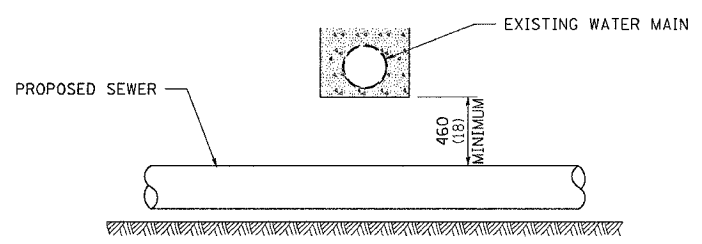
AT GRADE CROSSING OF SANITARY AND STORM SEWER

ALL DIMENSIONS ARE IN MILLIMETERS (INCHES) UNLESS OTHERWISE NOTED

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



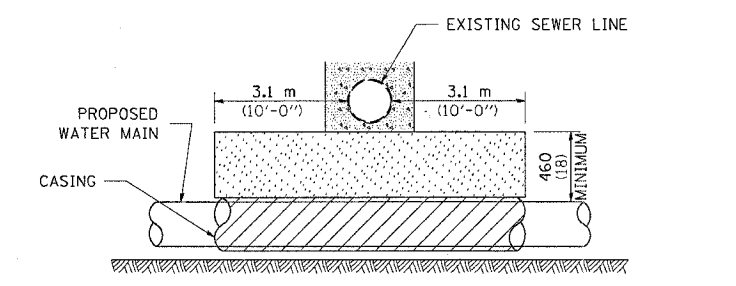
PROVIDE ADEQUATE SUPPORT FOR EXISTING WATER MAIN TO PREVENT DAMAGE DUE TO SETTLEMENT OF SEWER TRENCH
 MAINTAIN 460 (18) MINIMUM VERTICAL SEPARATION FOR 3.1m (10') HORIZONTALLY



ALL DIMENSIONS ARE IN MILLIMETERS (INCHES) UNLESS OTHERWISE NOTED

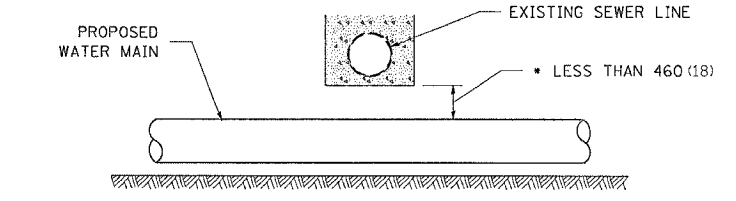
PROPOSED SEWER LINE BELOW EXISTING WATER MAIN

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

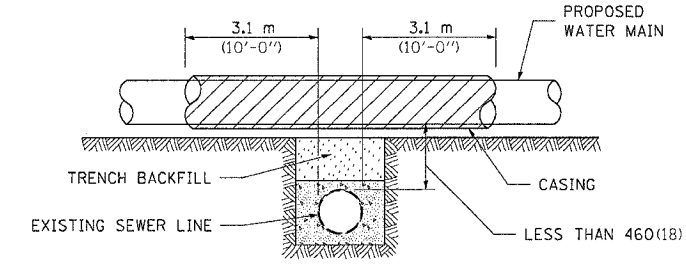
PROVIDE ADEQUATE SUPPORT FOR EXISTING WATER MAIN TO PREVENT DAMAGE DUE TO SETTLEMENT OF SEWER TRENCH
 MAINTAIN 460 (18) MINIMUM VERTICAL SEPARATION FOR 3.1 m (10') HORIZONTALLY



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

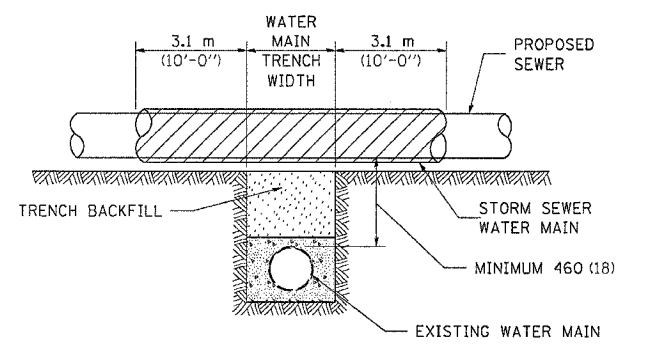


CASING SHALL BE CAST IRON WITH AN INSIDE DIAMETER 50 (2) LARGER IN DIAMETER THAN ENCASED PIPE OUTSIDE DIAMETER WITH BOTH ENDS OF CASING SEALED

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.



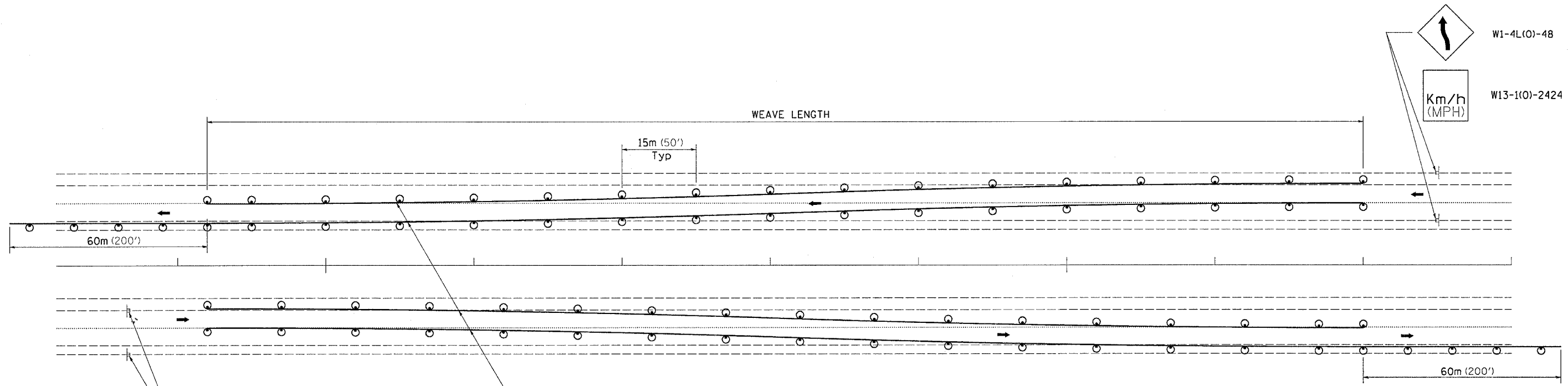
ALL DIMENSIONS ARE IN MILLIMETERS (INCHES) UNLESS OTHERWISE NOTED

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

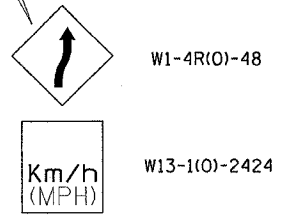
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F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
734	(4MFT)R	WINNEBAGO	353	285
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		

TRAFFIC CONTROL TYPICAL WEAVE



Temporary Pavement Marking required if Typical Weave is used for 14 days or more.



- LEGEND**
- ⊙ DRUM WITH STEADY BURN MONO-DIRECTIONAL LIGHTS
 - ⊥ SIGN ON PERMANENT MOUNT

STANDARD WEAVE CONDITIONS FOR DIFFERENT SPEED LIMITS

POSTED SPEED LIMIT	ADVISORY SPEED LIMIT	WEAVE LENGTH
110 Km/h (65 MPH)	80 Km/h (45 MPH)	240m (780 FT.)
90 Km/h (55 MPH)	60 Km/h (35 MPH)	200m (660 FT.)
80 Km/h (45 MPH)	40 Km/h (25 MPH)	165m (540 FT.)

DESIGNER NOTE:

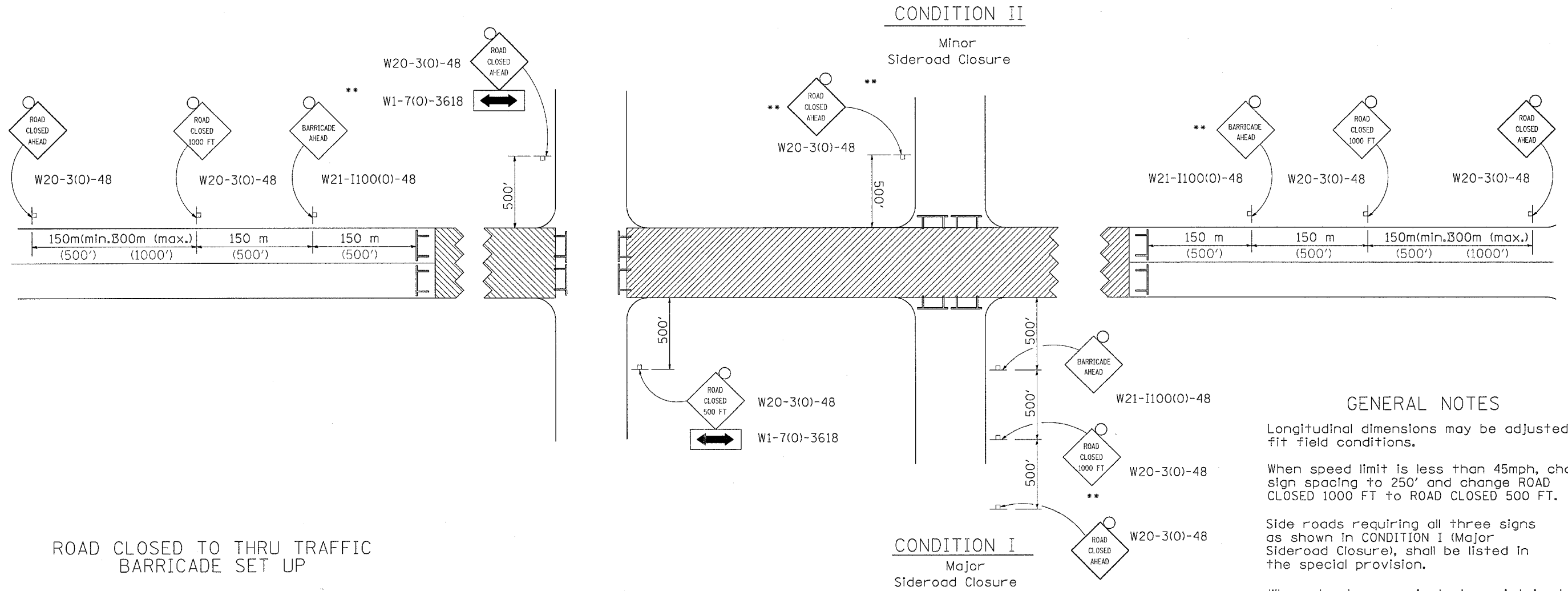
1. USE ON LONG 4-LANE PROJECTS WHERE THE CONTRACTOR MAY CHANGE A PORTION OF THE WORK TO THE OPPOSITE LANE.
2. USE WHERE THE PROJECT IS ADJACENT TO ANOTHER AND THE CONTRACTOR COULD BE WORKING ON DIFFERENT LANES.
3. TEMPORARY PAVEMENT MARKING SHALL BE USED WHEN TYPICAL WEAVE IS USED FOR 14 DAYS OR MORE.
4. TRAFFIC CONTROL TYPICAL WEAVE SHALL BE INCLUDED IN THE COST OF THE SPECIFIC TRAFFIC CONTROL STANDARDS OF ITEMS.

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

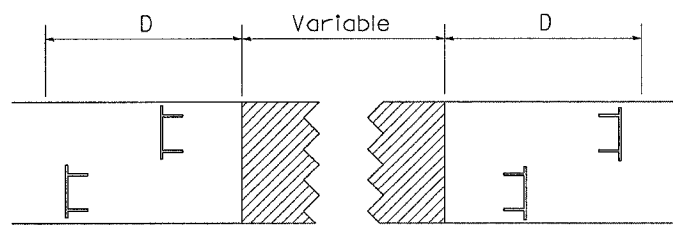
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F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
734	(4MFT)R	WINNEBAGO	353	286
STA.		TO STA.		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		

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.

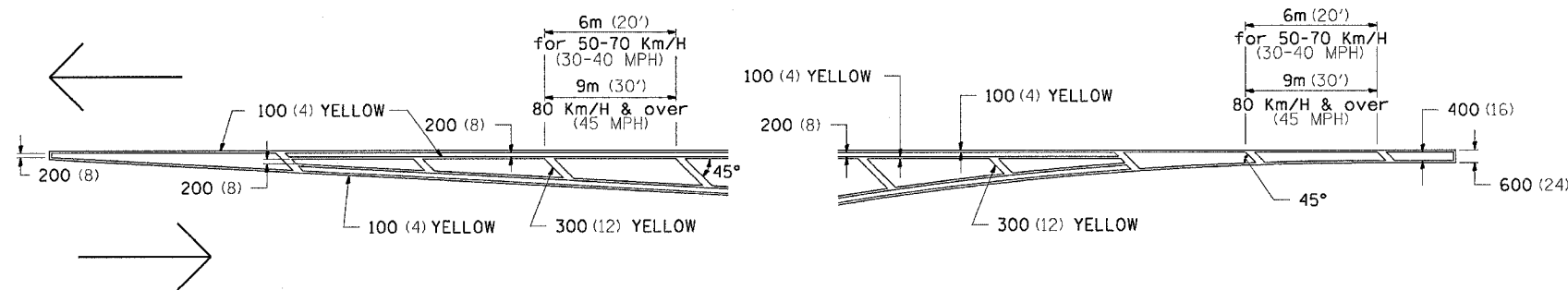
TYPICAL APPLICATION FOR ROAD CLOSURE

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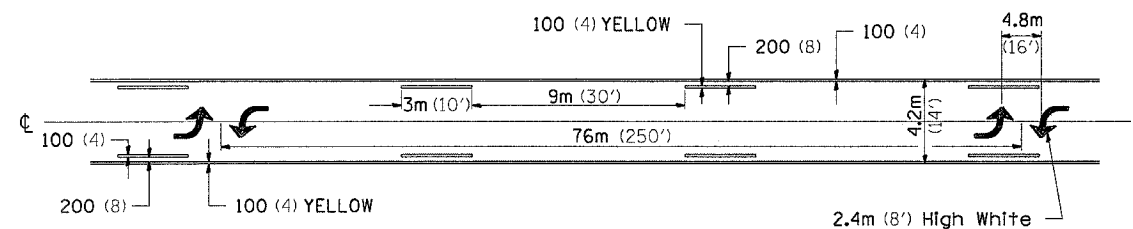
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
734	(4MFT)R	WINNEBAGO	353	287
STA.		TO STA.		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		

TYPICAL PAVEMENT MARKINGS

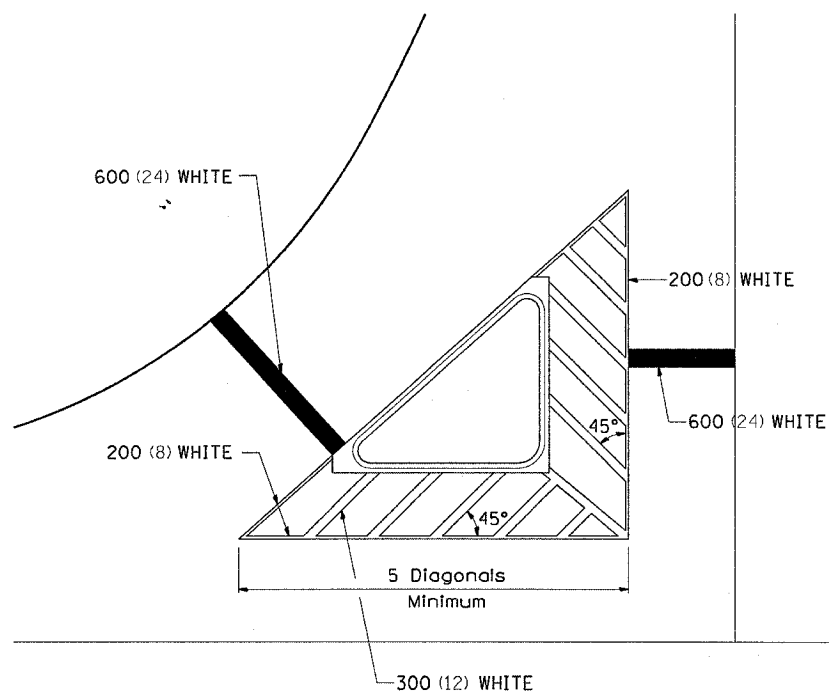
TYPICAL PAVEMENT MARKING FOR FLUSH MEDIAN AT LEFT TURN LANE



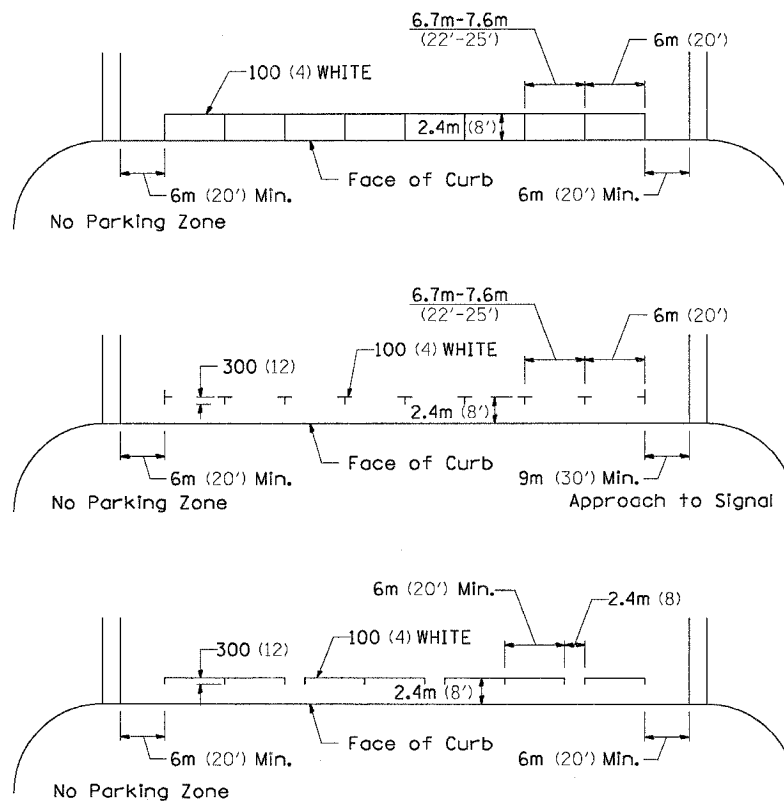
MEDIAN PAVEMENT MARKING



TYPICAL ISLAND OFFSET SHOULDER WIDTH



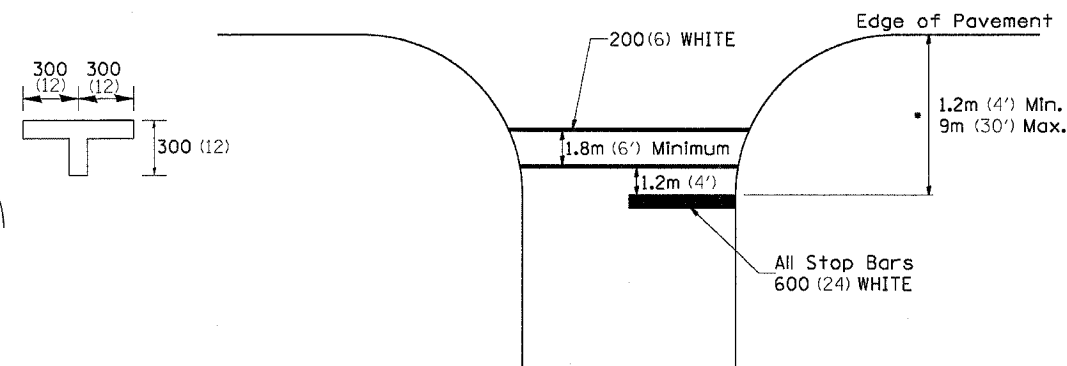
TYPICAL PARKING SPACING



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

STANDARD CROSSWALK MARKING

See Schedules for Locations



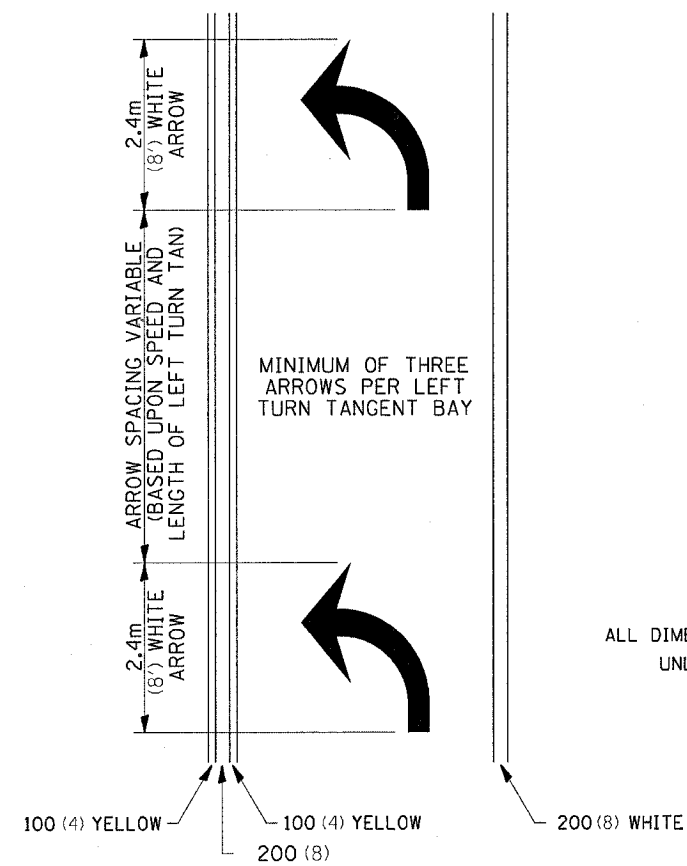
• Distance to the nearest edge of the intersecting roadway in the absence of a marked crosswalk.

PLOT DATE = Fri Apr 27 09:37:11 2007
 PLOT SCALE = 30.0000 / IN.
 REFERENCE = #REF#

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
734	(4MFT)R	WINNEBAGO	353	288
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS	FED. AID PROJECT	

TYPICAL PAVEMENT MARKINGS

ARROW LAYOUT

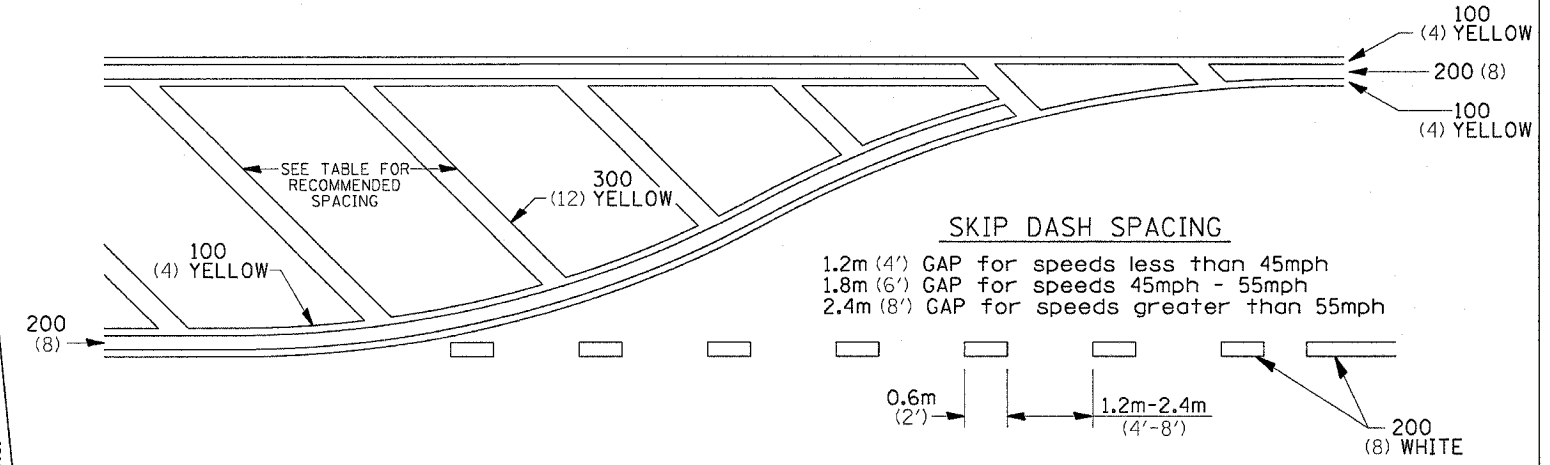


- ◀ ONE-WAY AMBER MARKER
- ◁ ONE-WAY CRYSTAL MARKER
- ◆ TWO-WAY AMBER MARKER

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

12.2m (40') O.C.
6 at (40') O.C.
APPROACH SIDE ONLY

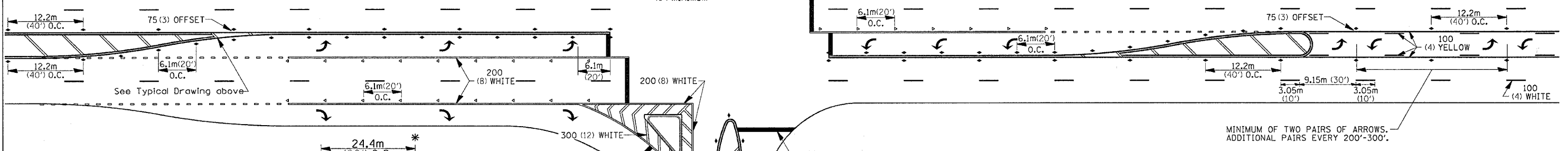
TYPICAL PAVEMENT MARKING FOR FLUSH MEDIAN



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.

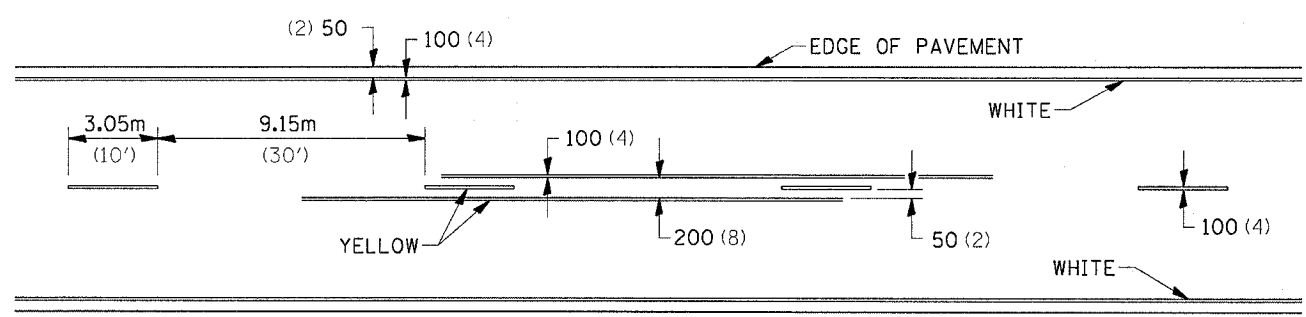


SYMBOLS

- * 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

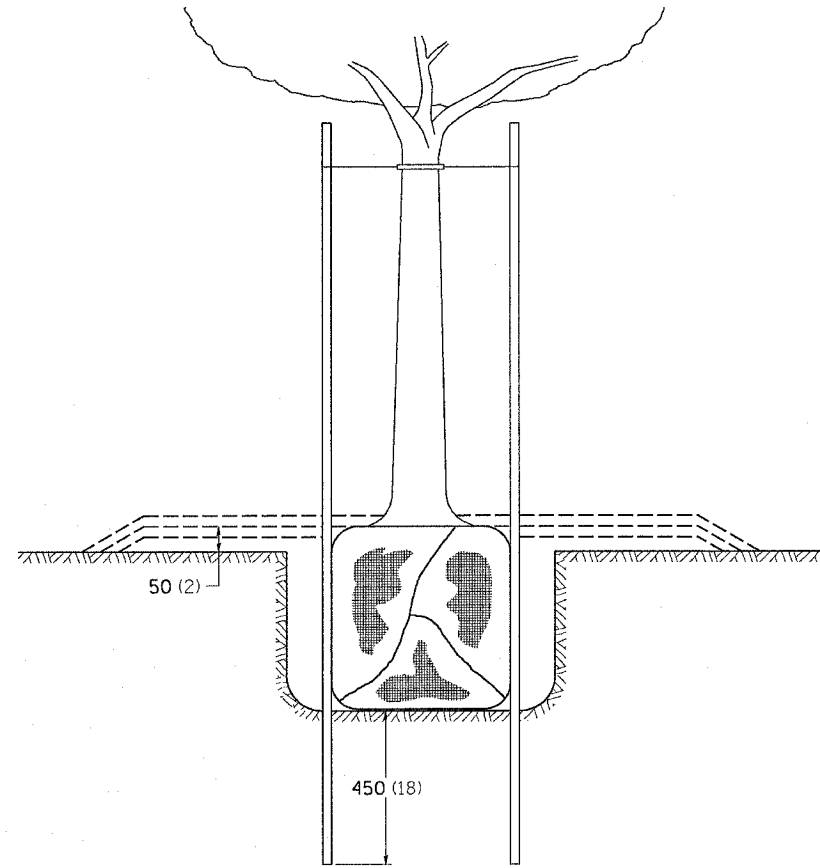
TYPICAL PAVEMENT MARKING FOR TWO LANE SECTION - NO PASSING ZONES



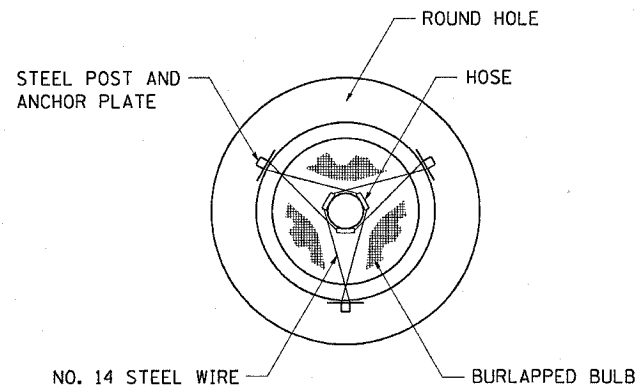
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F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
734	(4MFT)R	WINNEBAGO	353	289
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		

DETAILS OF PLANTING AND BRACING TREES

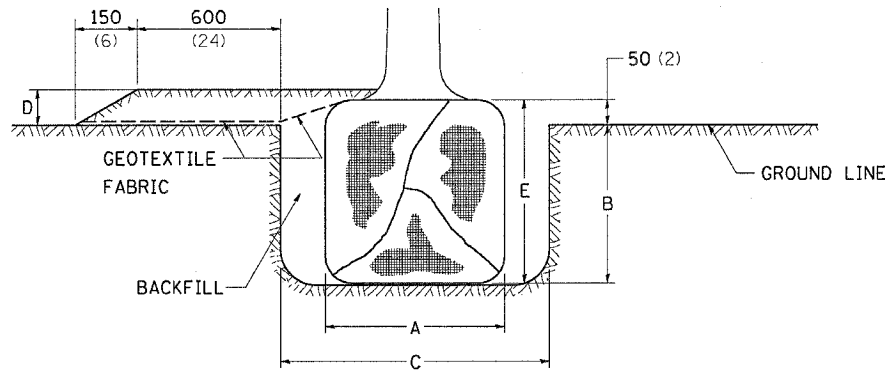


TREES SMALLER THAN 115 (4 1/2) IN DIAMETER

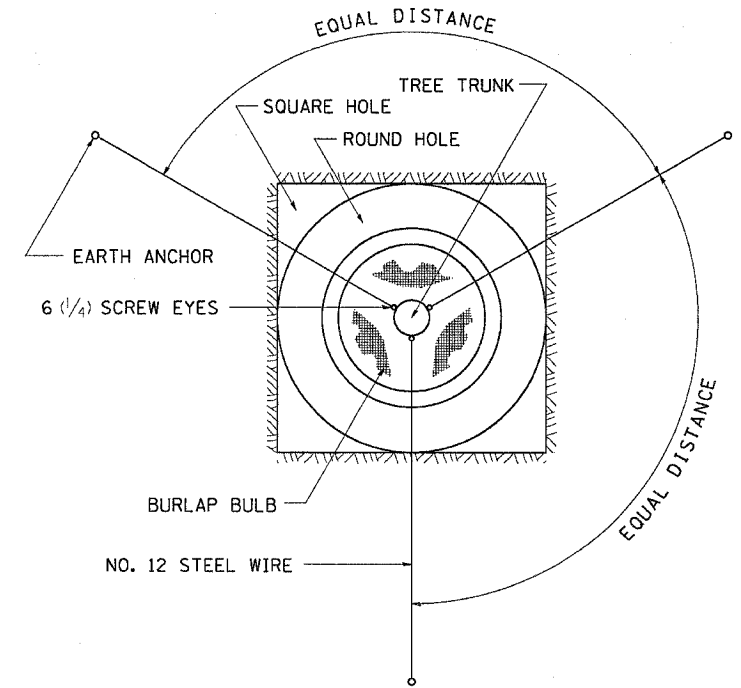


SMALL	A	B	C	D	E	F
TREE SIZE	DIAMETER OF BALL OR ROOT SYS.	DEPTH OF HOLE EXCAVATION	WIDTH OF HOLE EXCAVATION	THICKNESS OF MULCH COVER	DEPTH OF BALL OR ROOT SYS.	VOLUME OF MULCH COVER m ³ (CU. YDS.)
1.5-1.8m (5'-6')	400 (16)	250 (10)	750 (30)	100 (4)	300 (12)	0.41 (0.54)
1.5-1.8m (5'-6') BB	400 (16)	250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

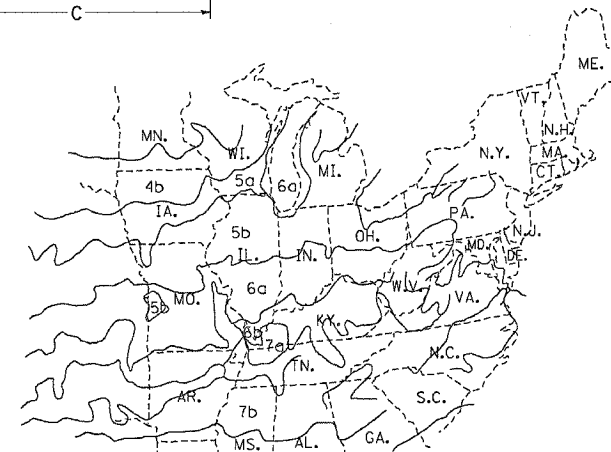
LARGE	A	B	C	D	E	F
TREE SIZE	DIAMETER OF BALL OR ROOT SYS.	DEPTH OF HOLE EXCAVATION	WIDTH OF HOLE EXCAVATION	THICKNESS OF MULCH COVER	DEPTH OF BALL OR ROOT SYS.	VOLUME OF MULCH COVER m ³ (CU. YDS.)
0-50 (0-2)	500 (20)	275 (11)	900 (36)	100 (4)	325 (13)	0.47 (0.61)
50-65 (2-2 1/2) BB	600 (24)	350 (14)	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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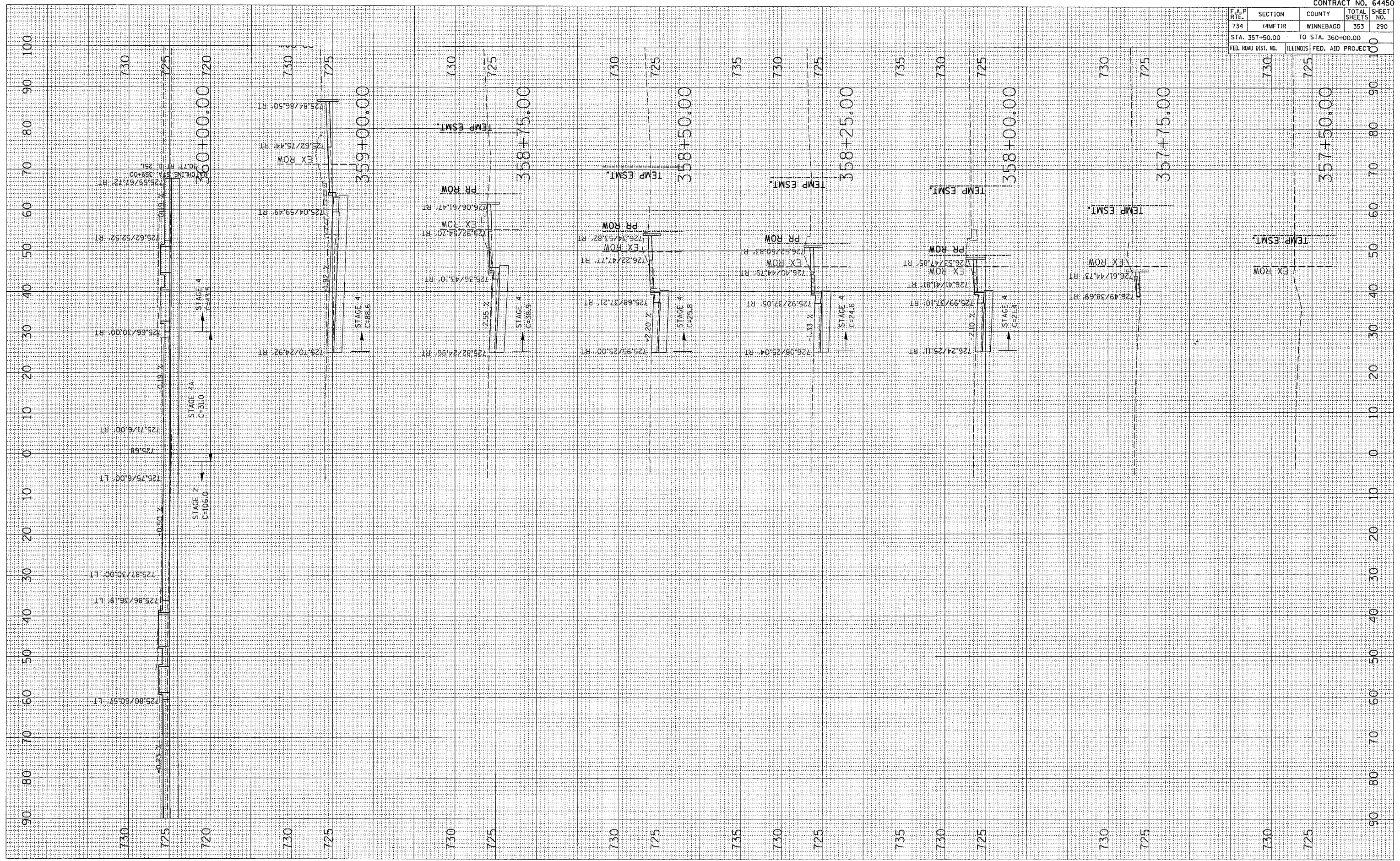
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 SURVEYED PLOTTED TEMPLATE AREAS CHECKED

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

PLOT DATE = Fri Apr 27 09:18:46 2007
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 USER NAME = grompam

F.A.P. RTE.		SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
734		(4MFT)R	WINNEBAGO	353	290
STA. 357+50.00			TO STA. 360+00.00		
FED. ROAD DIST. NO.		ILLINOIS	FED. AID PROJEC		

CONTRACT NO. 64450



X-SECTIONS IL 251

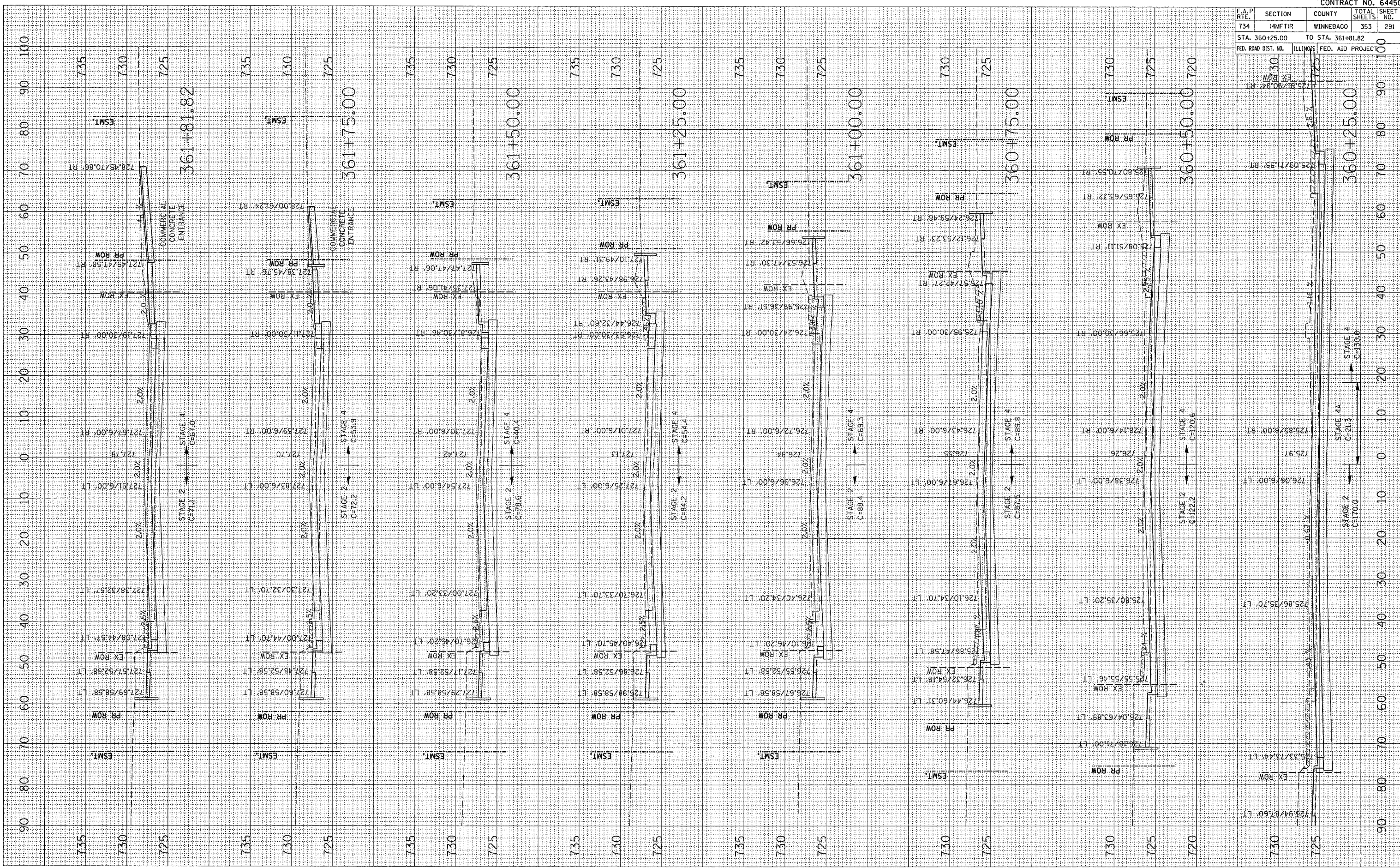
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ORIGINAL SURVEY PLOTTED TEMPLATE
 SURVEY PLOTTED TEMPLATE
 NOTE BOOK NO.
 AREAS CHECKED

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

BY: _____ DATE: _____

BY: _____ DATE: _____



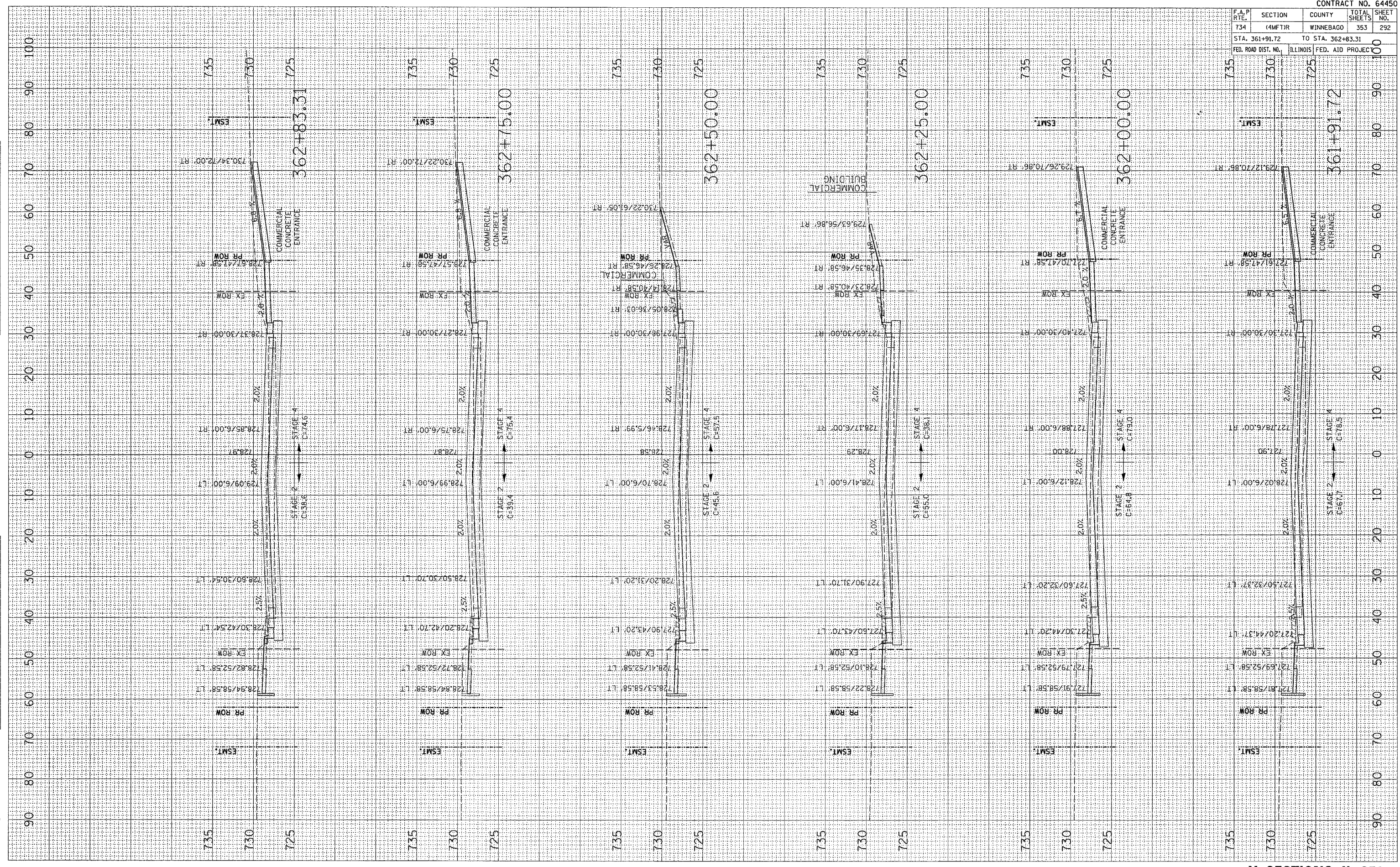
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
734	4MFT/R	WINNEBAGO	353	291
STA. 360+25.00		TO STA. 361+81.82		
FED. ROAD DIST. NO.		ILLINOIS	FED. AID PROJECT	

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
734	(4MFT)R	WINNEBAGO	353	292
STA. 361+91.72		TO STA. 362+83.31		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		

BY	DATE

BY	DATE

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 USER NAME = grompton



F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
734	(4MFT)R	WINNEBAGO	353	293
STA. 363+00.00 TO STA. 364+50.00				
FED. ROAD DIST. NO.		ILLINOIS	FED. AID PROJEC	

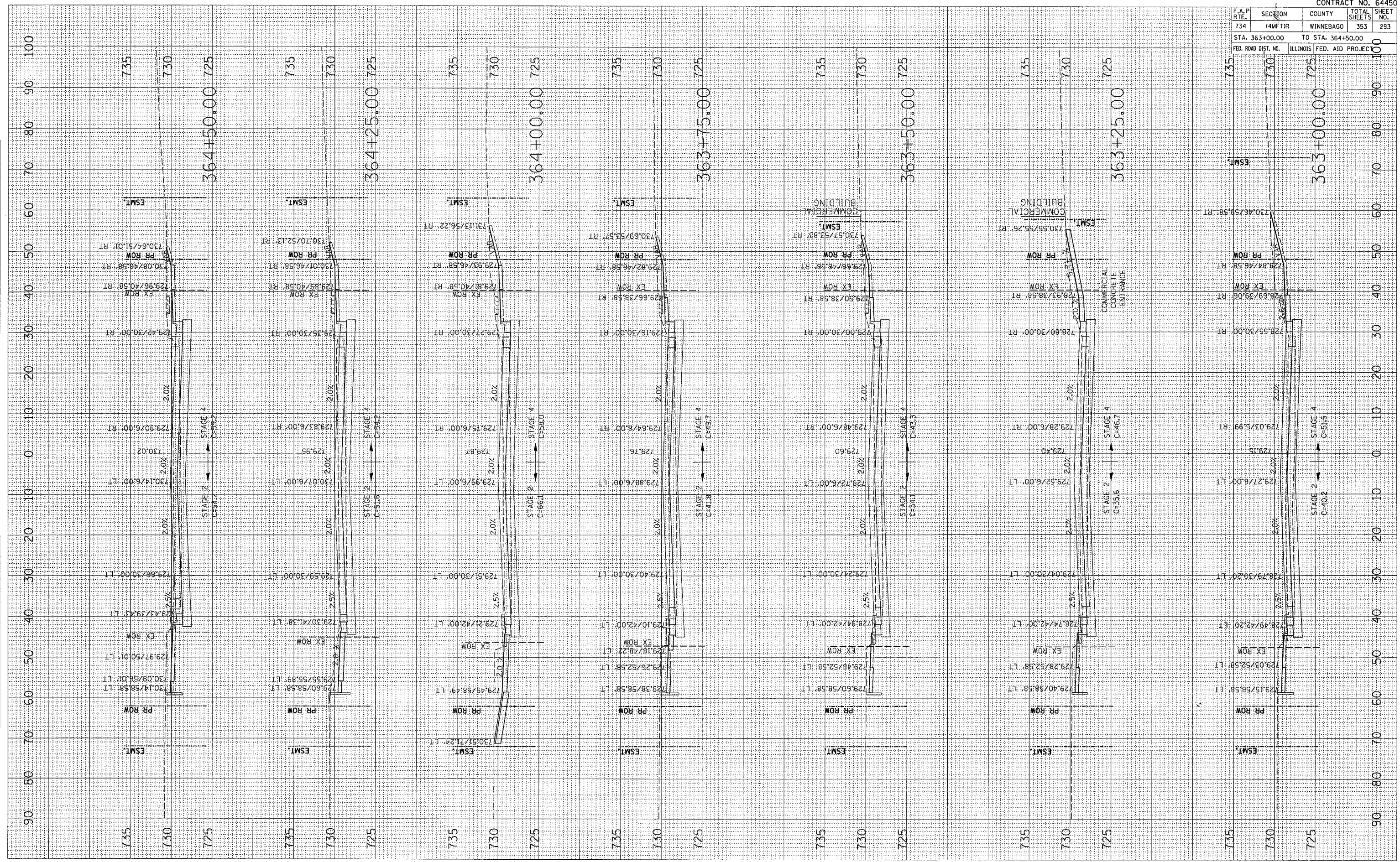
DATE	BY

FINAL SURVEY
NOTE BOOK NO. _____
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DATE	BY

ORIGINAL SURVEY
NOTE BOOK NO. _____
TEMPORARY AREAS CHECKED

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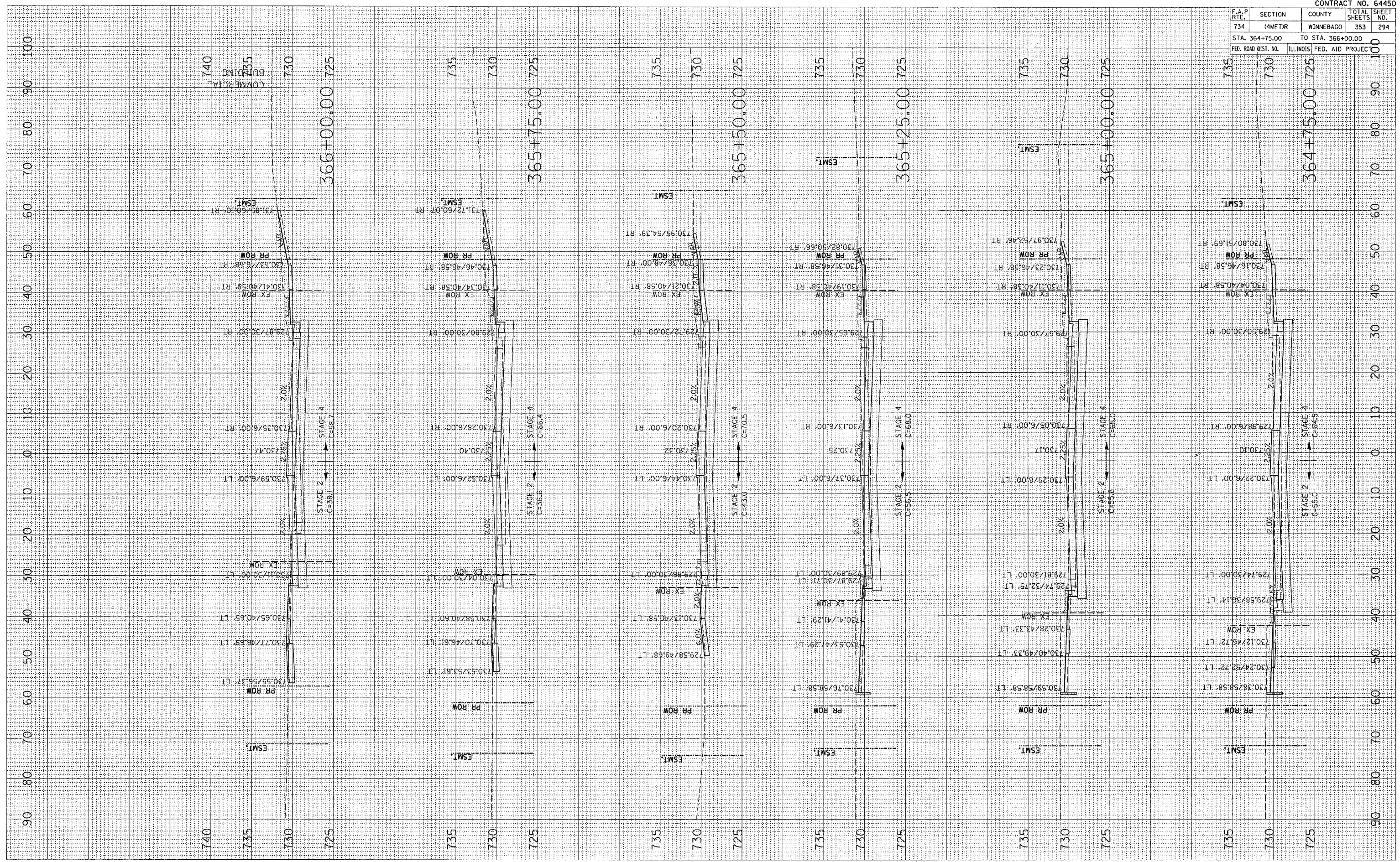


F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
734	(4MFT)R	WINNEBAGO	353	294
STA. 364+75.00		TO STA. 366+00.00		
FED. ROAD DIST. NO.		ILLINOIS	FED. AID PROJEC	

FINAL SURVEY	DATE
SURVEYED	BY
NOTE BOOK	
AREAS	
AREAS CHECKED	

ORIGINAL SURVEY	DATE
SURVEYED	BY
NOTE BOOK	
AREAS	
AREAS CHECKED	

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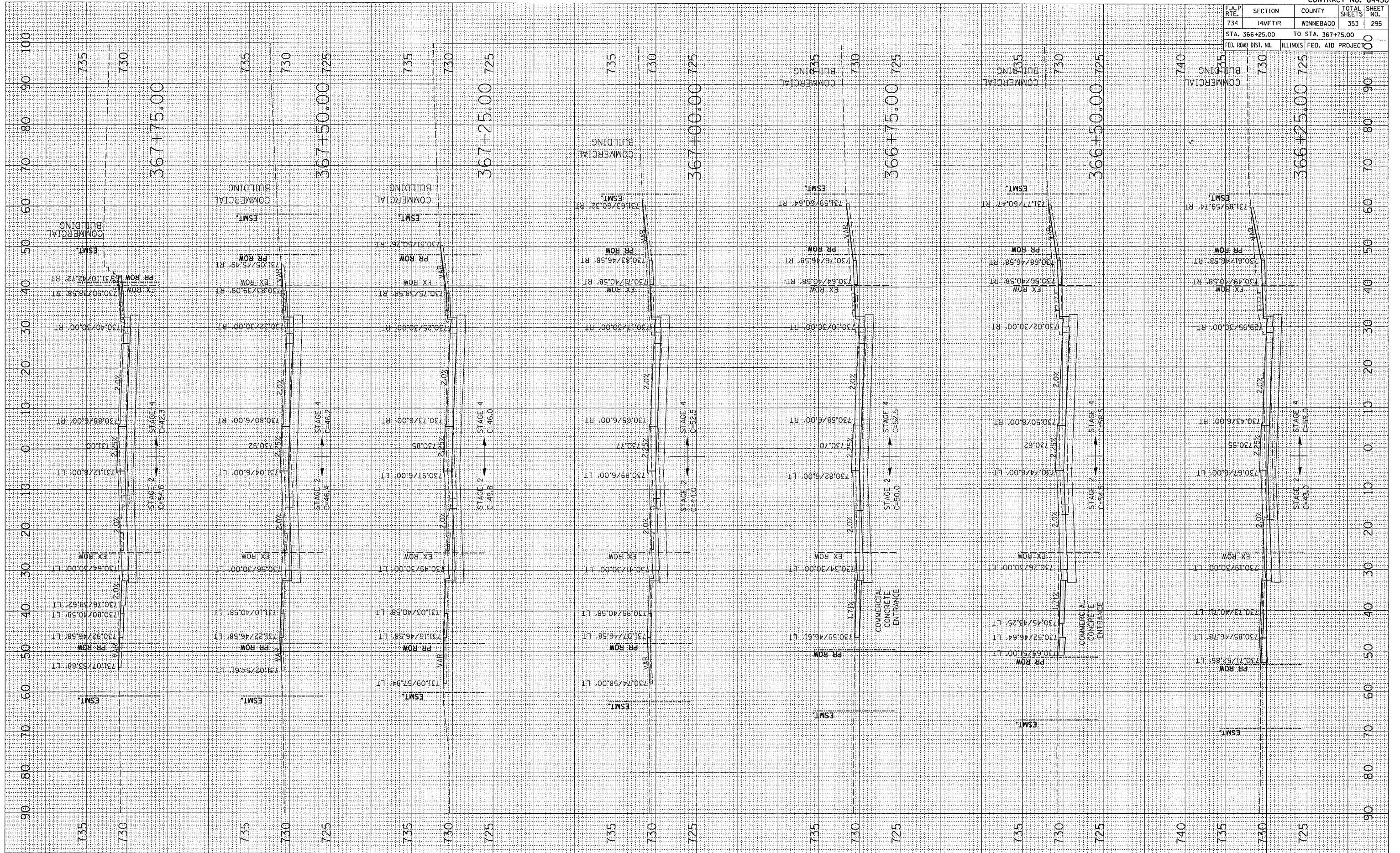


F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
734	(4MFT)R	WINNEBAGO	353	295
STA. 366+25.00		TO STA. 367+75.00		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		

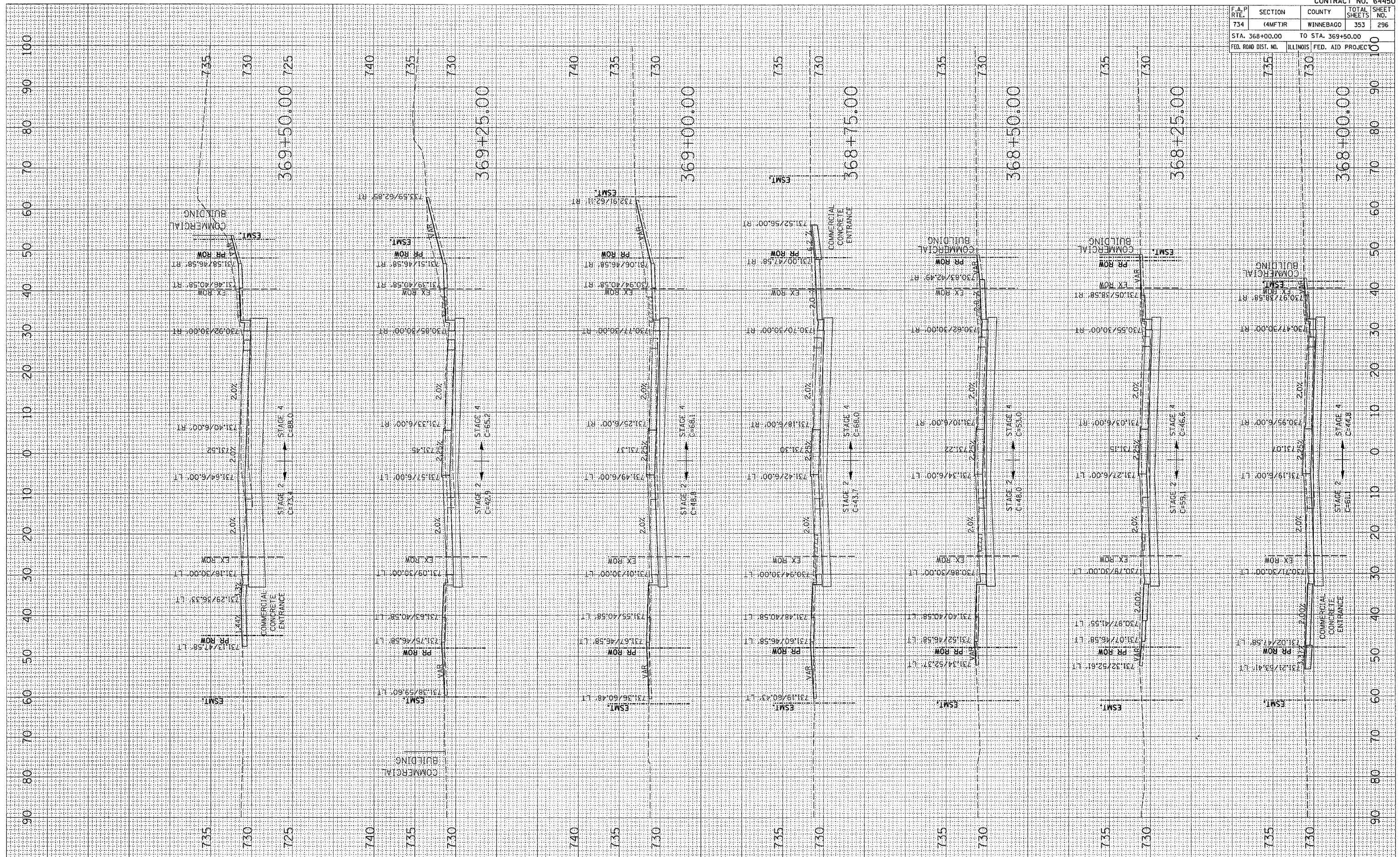
BY	DATE

BY	DATE

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 USER NAME = graham



F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
734	(4MFT)R	WINNEBAGO	353	296
STA. 368+00.00		TO STA. 369+50.00		
FED. ROAD DIST. NO.		ILLINOIS	FED. AID PROJECT	
735				100

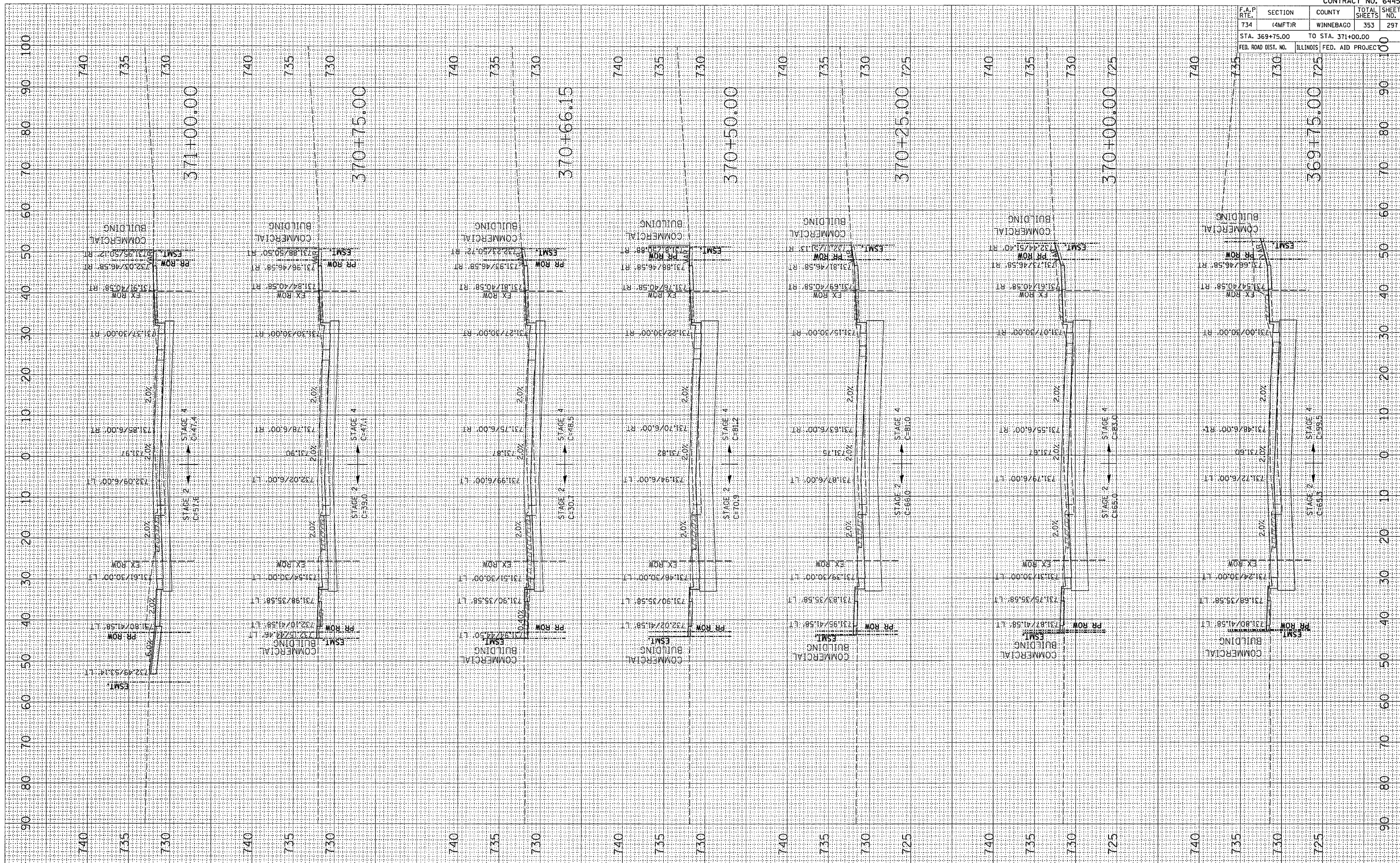


DATE	BY
NO.	NO.
AREAS CHECKED	AREAS CHECKED
TEMPERATURE	TEMPERATURE
PLATE	PLATE
NOTED	NOTED
FINAL SURVEY	FINAL SURVEY

DATE	BY
NO.	NO.
AREAS CHECKED	AREAS CHECKED
TEMPERATURE	TEMPERATURE
PLATE	PLATE
NOTED	NOTED
FINAL SURVEY	FINAL SURVEY

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F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
734	(4MFT)R	WINNEBAGO	353	297
STA. 369+75.00				TO STA. 371+00.00
ILLINOIS FED. AID PROJECT				



DATE
BY
SURVEYED
PLOTTED
NOTE BOOK
AREAS CHECKED

DATE
BY
SURVEYED
PLOTTED
NOTE BOOK
AREAS CHECKED

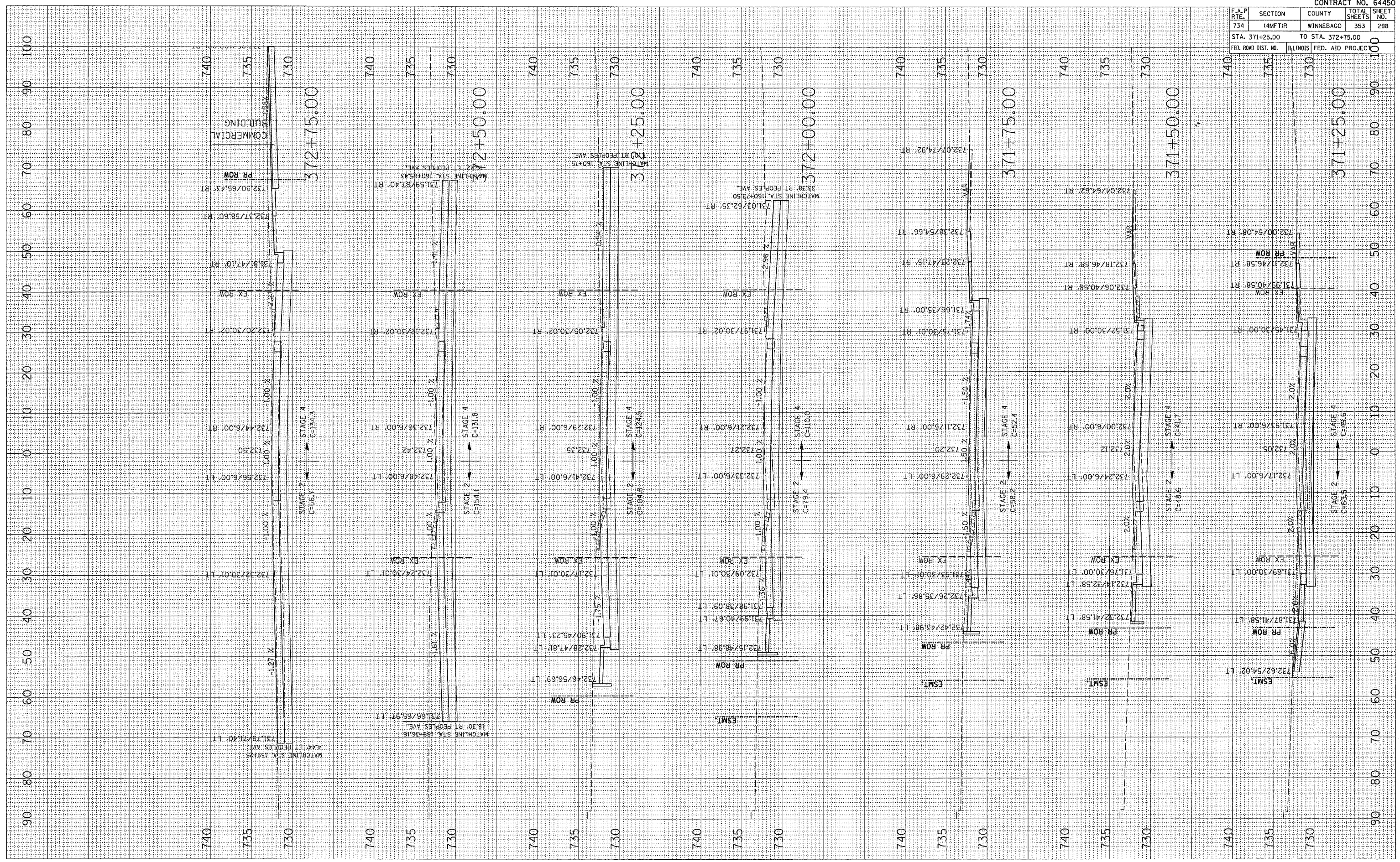
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USER NAME = gregcm

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
734	(4MFT)R	WINNEBAGO	353	298
STA. 371+25.00		TO STA. 372+75.00		
FED. ROAD DIST. NO.		ILLINOIS	FED. AID PROJ. NO.	

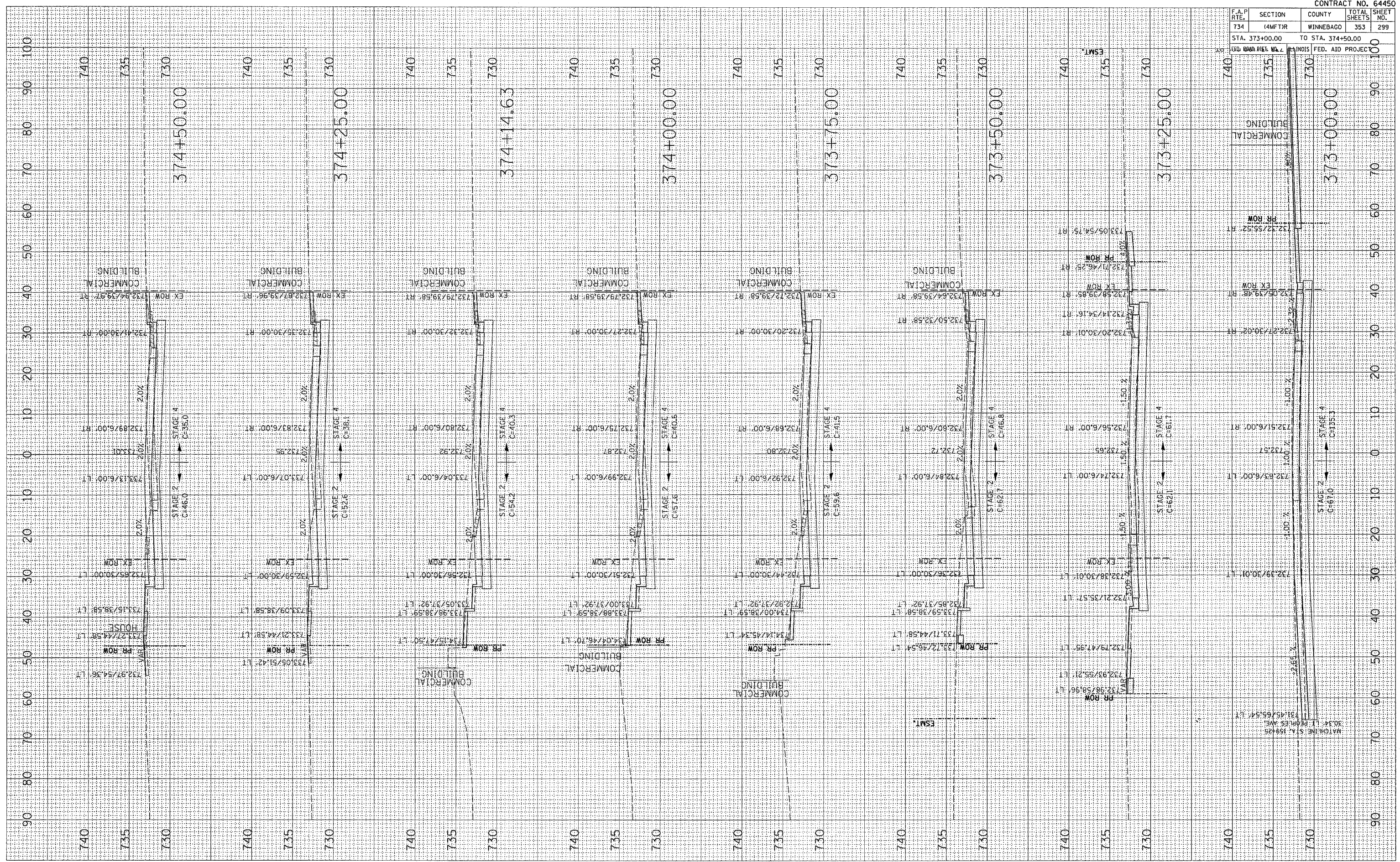
NO.	DATE	BY

NO.	DATE	BY

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F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
734	(4MFT)R	WINNEBAGO	353	299
STA. 373+00.00 TO STA. 374+50.00				
ILLINOIS FED. AID PROJECT				



X-SECTIONS IL 251

DATE	BY

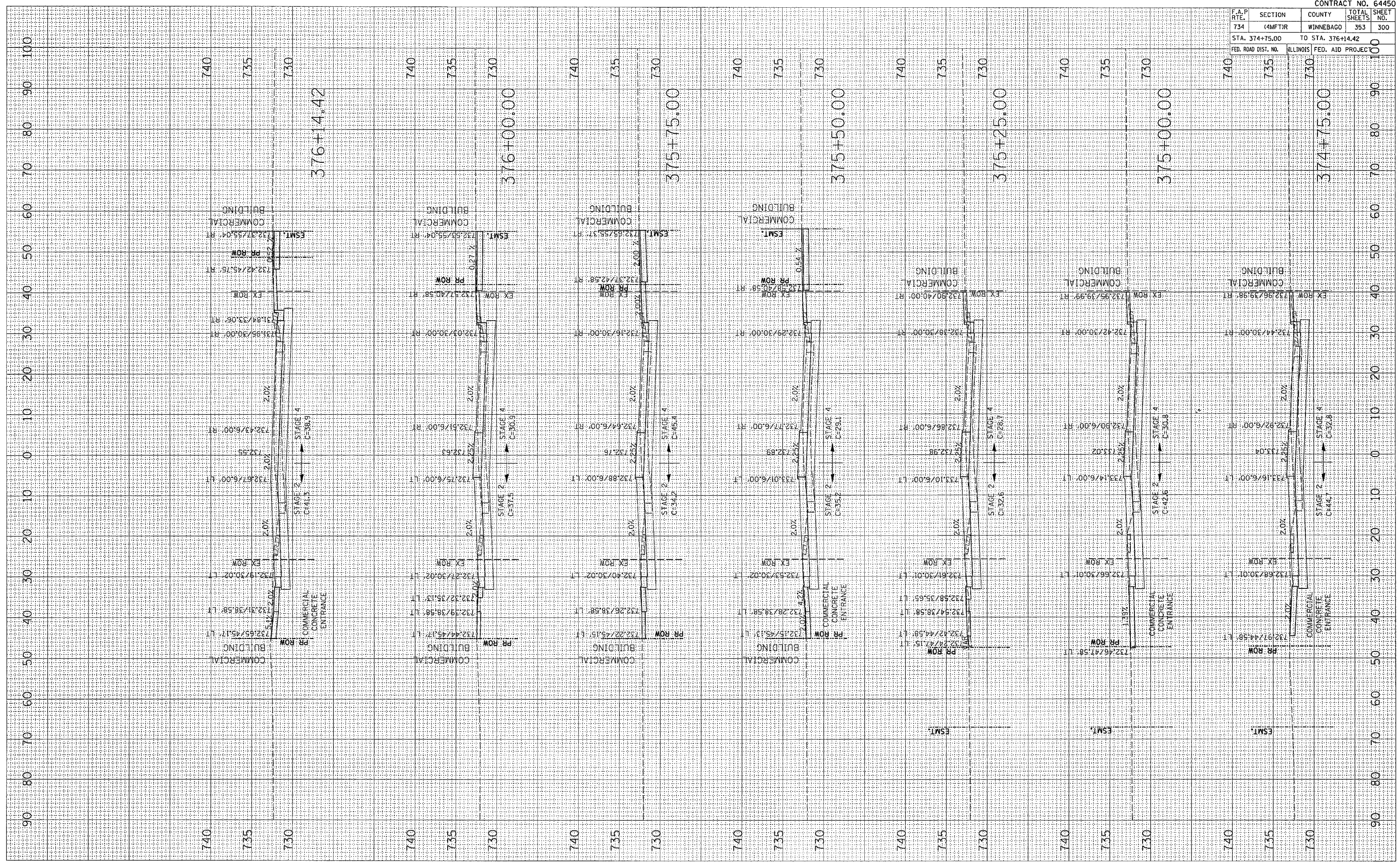
FINAL SURVEY
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 NOTE BOOK
 AREAS CHECKED

DATE	BY

ORIGINAL SURVEY
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 AREAS CHECKED

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F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
734	(4MFT)R	WINNEBAGO	353	300
STA. 374+75.00 TO STA. 376+14.42				
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJEC.		



FINAL SURVEY	DATE
NO.	

ORIGINAL SURVEY	DATE
NO.	

PLOT DATE = Fri Apr 27 09:18:55 2007
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