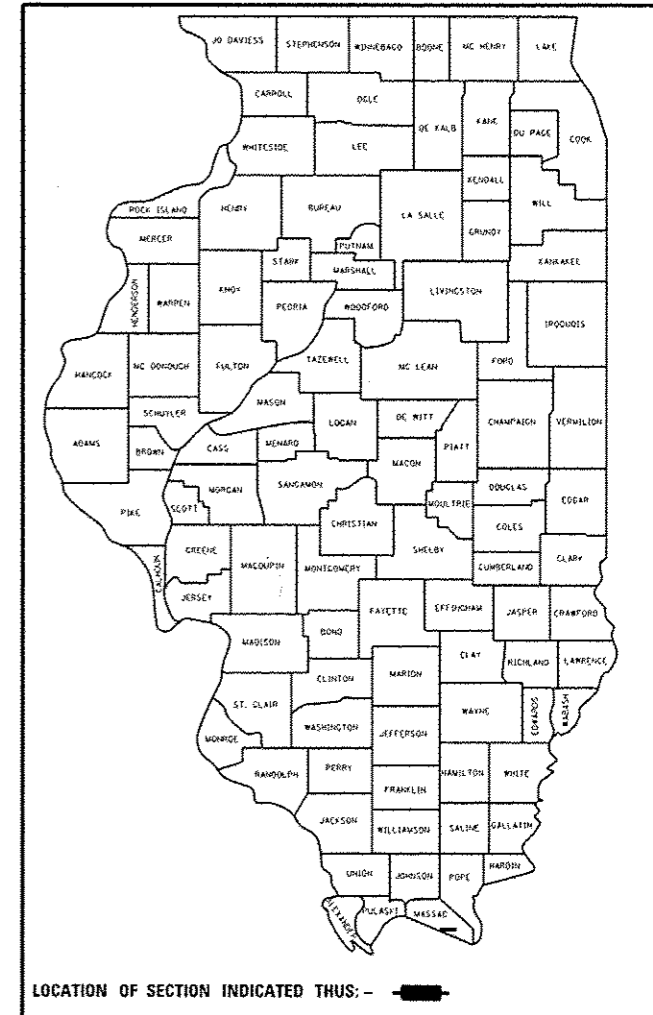


STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
24	(64-3) I-3	MASSAC	34	1
		ILLINOIS	CONTRACT NO. 78569	

D-98-020-17



**PROPOSED  
HIGHWAY PLANS**

FAI ROUTE 24 (I-24)  
SECTION (64-3) I-3

ADA SIDEWALK IMPROVEMENT  
MASSAC COUNTY

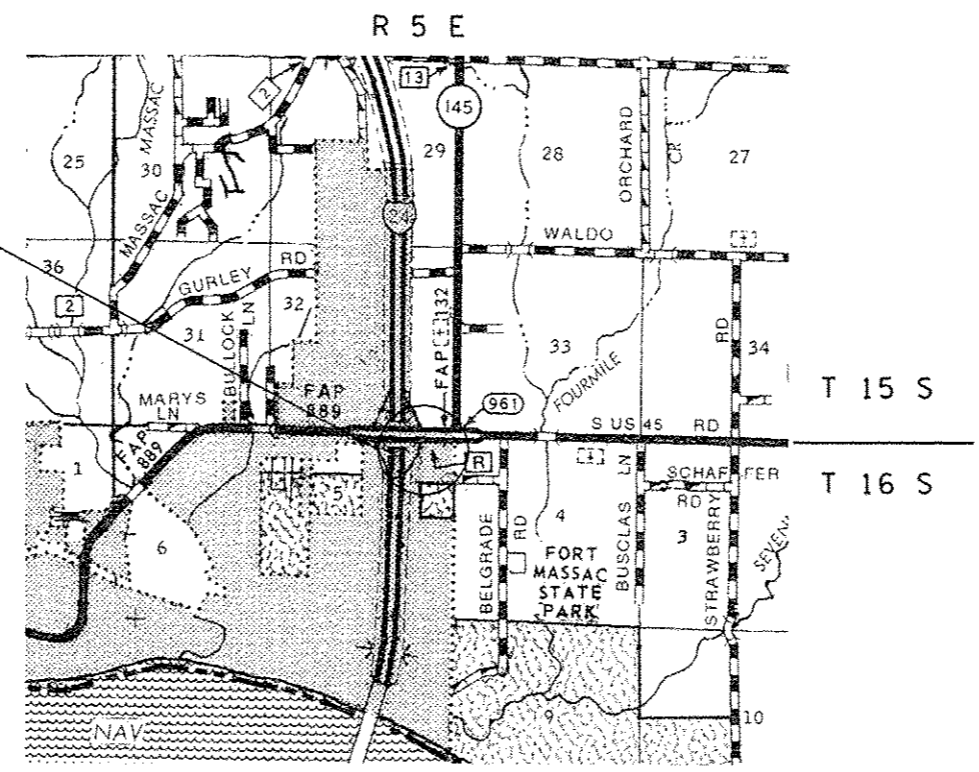
C-99-020-17

FOR INDEX OF SHEETS, SEE SHEET NO. 3  
FOR SUMMARY OF QUANTITIES, SEE SHEET NO. 4

**TRAFFIC DATA**

**TOWNSHIPS**  
METROPOLIS

PROPOSED IMPROVEMENT AT  
FAI 24 MASSAC REST AREA



DESIGN DESIGNATION : NA  
COORDINATE SYSTEM : NAD83 (97ADJ) ILLINOIS EAST  
POSTED SPEED : MPH

J.U.L.I.E.  
JOINT UTILITY LOCATION INFORMATION FOR EXCAVATION  
1-800-892-0123  
OR 811

PROJECT ENGINEER CHARLES STEIN 618-351-5210  
PROJECT DESIGNER ELISE KNOP 618-351-5212

GROSS LENGTH = . FT. = . MILES  
NET LENGTH = . FT. = . MILES

CONTRACT NO. 78569

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

SUBMITTED March 15 20 16  
Jeffrey & Kevin  
REGION FIVE ENGINEER

May 12 20 17  
Maureen M. Addis R.E. for  
ENGINEER OF DESIGN AND ENVIRONMENT

May 17 20 17  
Maureen M. Addis  
DIRECTOR OF PROGRAM DEVELOPMENT

**PRINTED BY THE AUTHORITY  
OF THE STATE OF ILLINOIS**

Prepared By:   
DISTRICT STUDIES & PLANS ENGINEER

Examined By:   
DISTRICT LAND ACQUISITION ENGINEER

Examined By:   
DISTRICT PROGRAM DEVELOPMENT ENGINEER

Examined By:   
DISTRICT OPERATIONS ENGINEER

Examined By:   
DISTRICT PROJECT IMPLEMENTATION ENGINEER

Examined By:   
DISTRICT CONSTRUCTION ENGINEER

Examined By:   
DISTRICT MATERIALS ENGINEER

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**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

SIGNATURE SHEET				
SCALE:	SHEET	OF	SHEETS	STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
24	164-31-3	MASSAC	34	2
CONTRACT NO. 78569			ILLINOIS FED. AID PROJECT	



# SUMMARY OF QUANTITIES

COUNTY:	Massac
ROUTE:	FAI 24
FUNDING:	100% STATE ✓
LOCATION:	RURAL ✓
	ROADWAY
	0021 ✓

CODE NUMBER	ITEM DESCRIPTION	UNIT	
20200100	EARTH EXCAVATION	CU YD	23
20400800	FURNISHED EXCAVATION	CU YD	5
21101610	TOPSOIL FURNISH AND PLACE, 3"	SQ YD	35
* 25000115	SEEDING, CLASS 1B	ACRE	0.1
* 25000350	SEEDING, CLASS 7	ACRE	0.1
* 25000400	NITROGEN FERTILIZER NUTRIENT	POUND	10
* 25000500	PHOSPHORUS FERTILIZER NUTRIENT	POUND	10
* 25000600	POTASSIUM FERTILIZER NUTRIENT	POUND	10
* 25000700	AGRICULTURAL GROUND LIMESTONE	TON	0.2
* 25100630	EROSION CONTROL BLANKET	SQ YD	561
28000250	TEMPORARY EROSION CONTROL SEEDING	POUND	35
35100100	AGGREGATE BASE COURSE, TYPE A	TON	25

12

\* SPECIALTY ITEM

# SUMMARY OF QUANTITIES - CONT

COUNTY:	Massac
ROUTE:	FAI 24
FUNDING:	100% STATE
LOCATION:	RURAL
	ROADWAY
	0021

CODE NUMBER	ITEM DESCRIPTION	UNIT	QUANTITY
42400200	PORTLAND CEMENT CONCRETE SIDEWALK 5 INCH	SQ FT	12,081
42400800	DETECTABLE WARNINGS	SQ FT	20
44000500	COMBINATION CURB AND GUTTER REMOVAL	FOOT	66
44000600	SIDEWALK REMOVAL	SQ FT	11,419
44213200	SAW CUTS	FOOT	42
44213204	TIE BARS 3/4"	EACH	78
60263100	INLETS TO BE RECONSTRUCTED WITH NEW TYPE 3 FRAME AND GRATE	EACH	3
60600605	CONCRETE CURB, TYPE B	FOOT	285
60603800	COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.12	FOOT	66
67100100	MOBILIZATION	LSUM	1
* 78009000	MODIFIED URETHANE PAVEMENT MARKING - LETTERS AND SYMBOLS	SQ FT	15.3
* 78009004	MODIFIED URETHANE PAVEMENT MARKING - LINE 4"	FOOT	1107

\*

\*

12

\* SPECIALTY ITEM

703 42 8AM

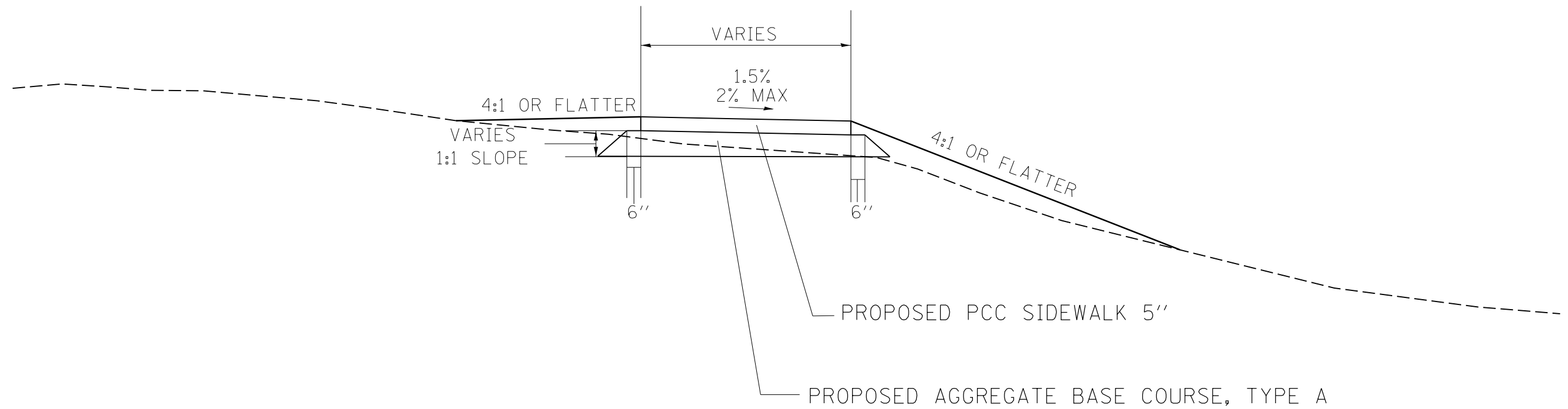
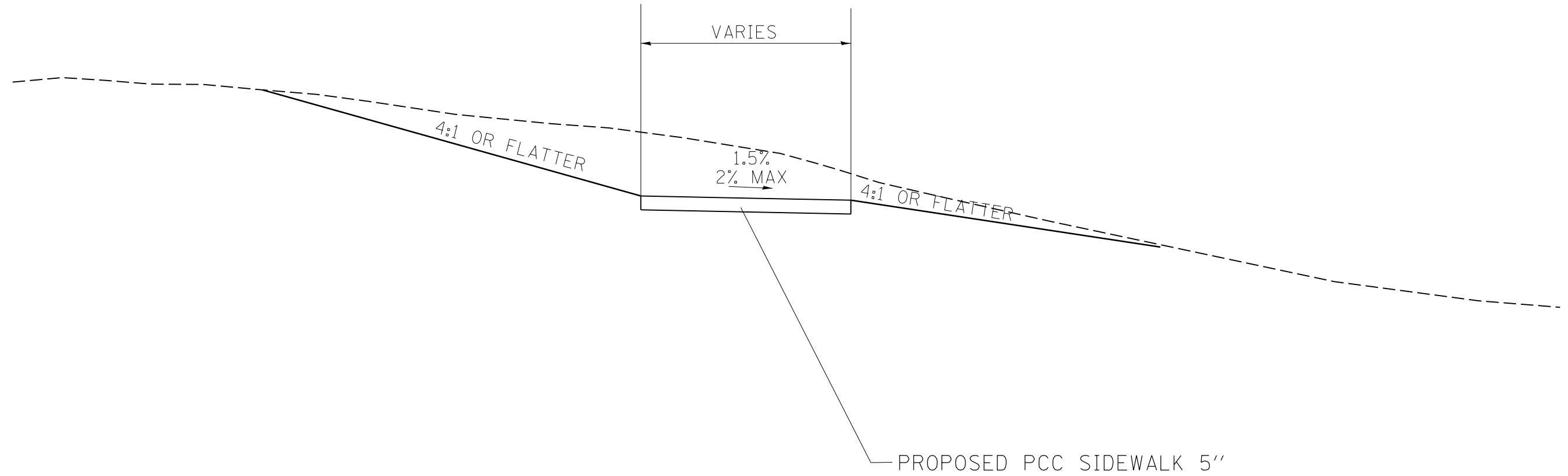
# SUMMARY OF QUANTITIES - CONT

COUNTY:	Massac
ROUTE:	FAI 24
FUNDING:	100% STATE
LOCATION:	RURAL
	ROADWAY
	0021

CODE NUMBER	ITEM DESCRIPTION	UNIT	QUANTITY
* 78009006	MODIFIED URETHANE PAVEMENT MARKING - LINE 6"	FOOT	34
* 78009012	MODIFIED URETHANE PAVEMENT MARKING - LINE 12"	FOOT	50
* K0012970	PERENNIAL PLANTS, BULB TYPE	UNIT	2
* K0012990	PERENNIAL PLANTS, ORNAMENTAL TYPE, GALLON POT	UNIT	0.1
* K1003680	MULCH	SO YD	36
X0321158	PARK BENCHES	EACH	4
X0327979	PAVEMENT MARKING REMOVAL - GRINDING	SO FT	368
X0350810	BOLLARD REMOVAL	EACH	8
X4420682	CLASS B PATCHES, TYPE II, 10 INCH (SPECIAL)	SO YD	9
Z0004002	BOLLARDS	EACH	10

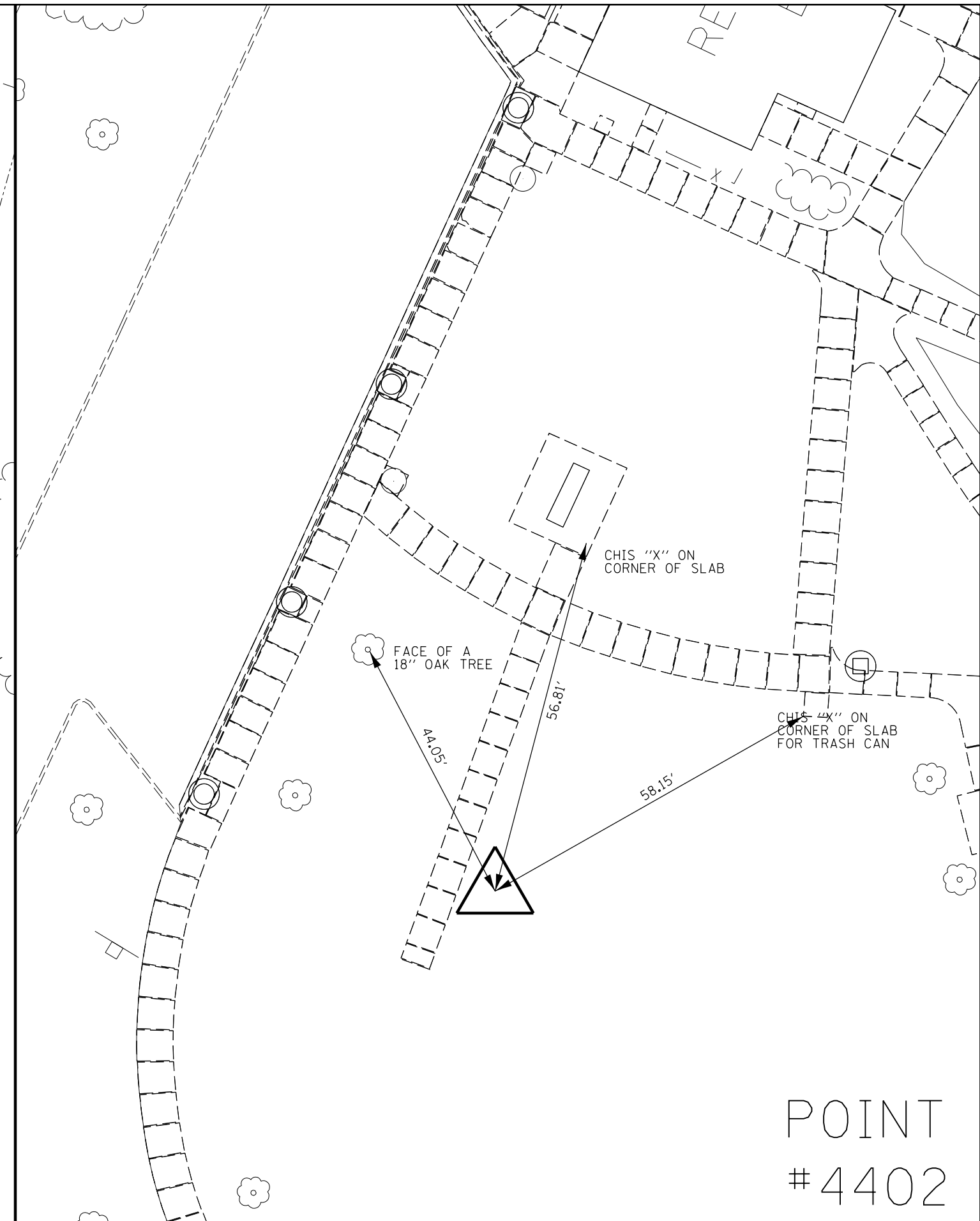
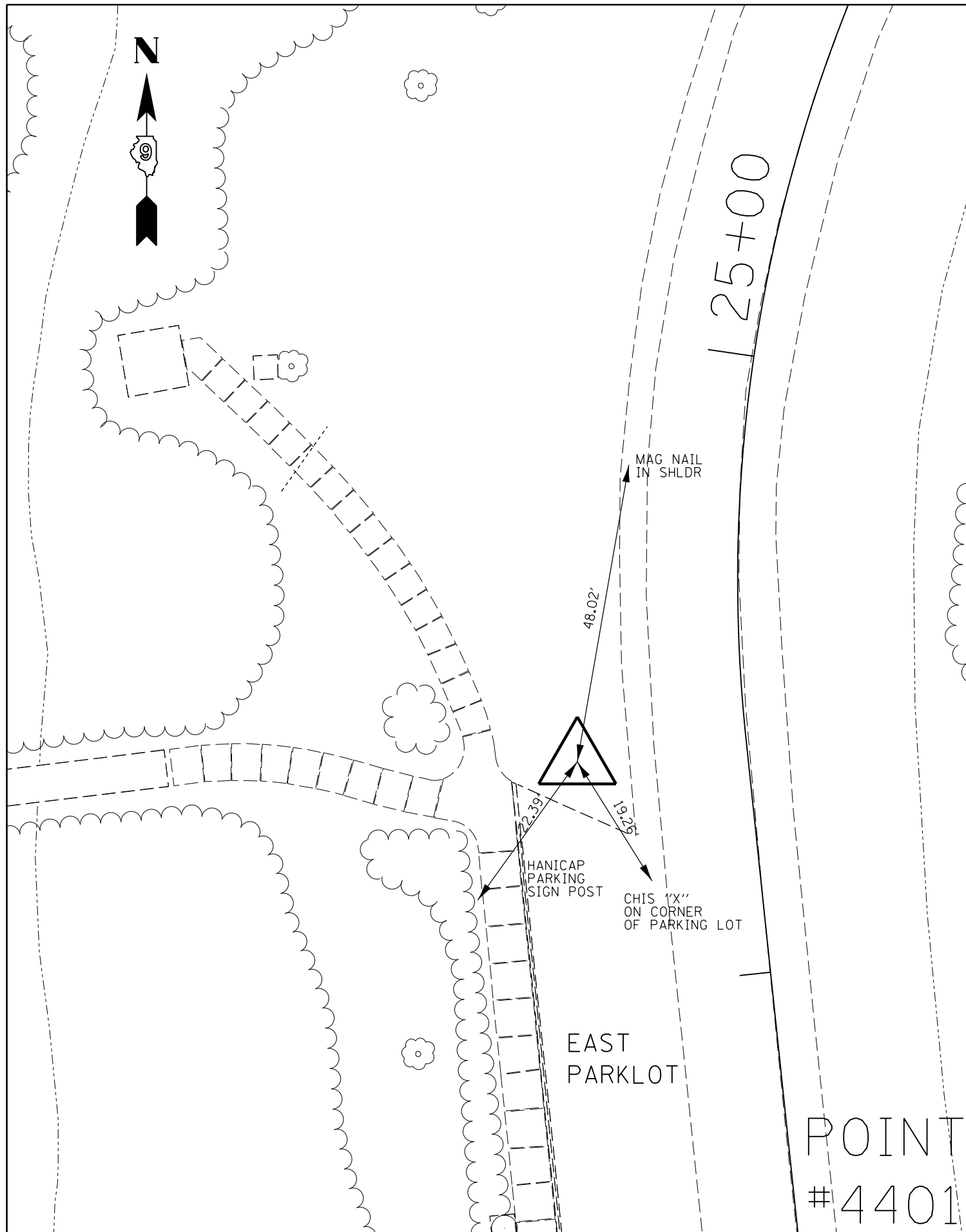
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\* SPECIALTY ITEM



NOT TO SCALE

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**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

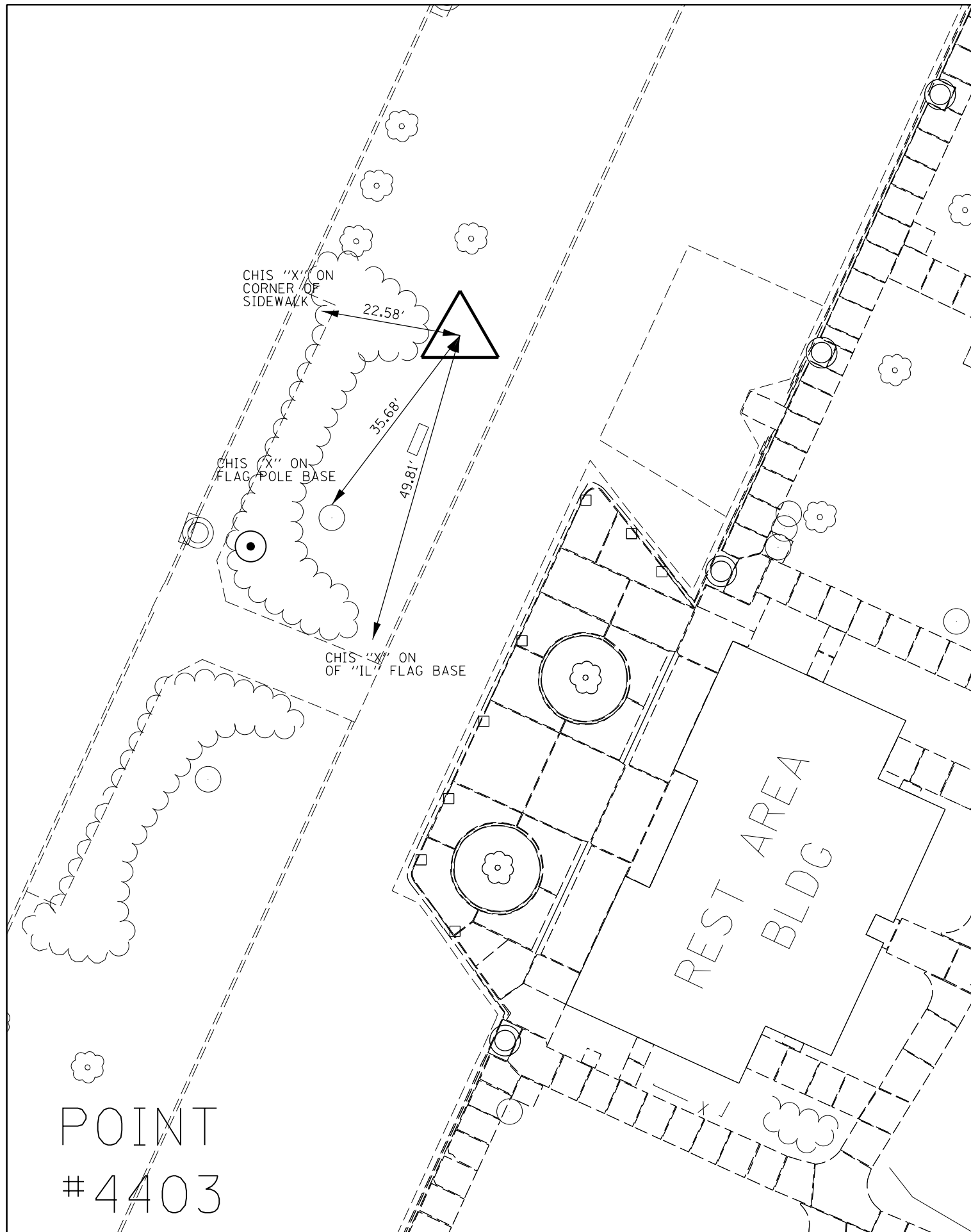
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F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
24	(64-3)1-3	MASSAC	34	8
CONTRACT NO. 78569				
ILLINOIS FED. AID PROJECT				



MASSAC CO. REST AREA  
 NAD83(97ADJ) ILLINOIS EAST

POINT	NORTHING	EASTING	ORTHO HT.	DESC.
#4401	179532.694	883475.747	359.981	IP W/CAP
#4402	179368.255	883252.646	360.386	IP W/CAP
#4403	179610.771	883249.115	361.939	IP W/CAP



POINT  
#4403

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STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION

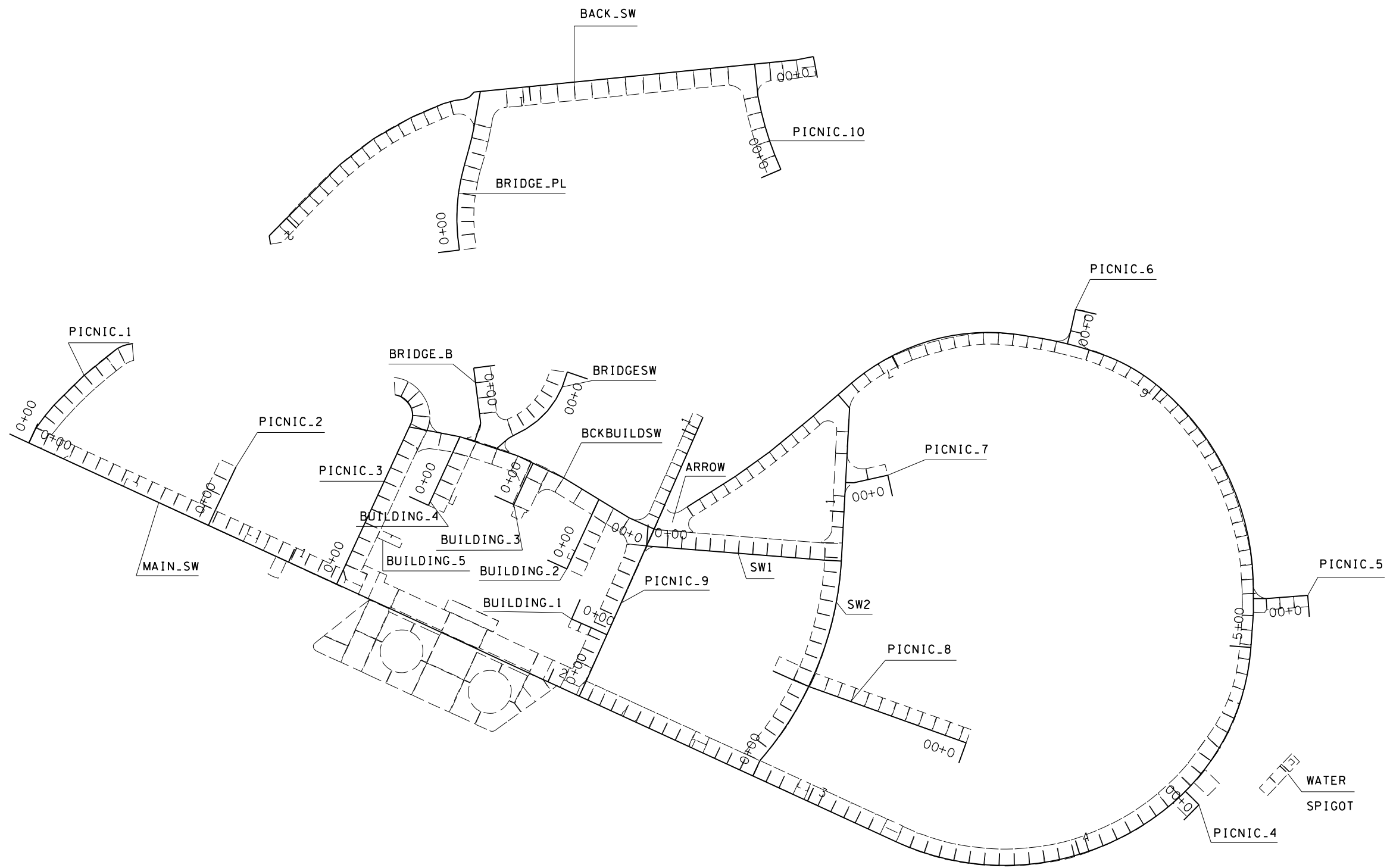
CONTROL POINTS

SCALE: SHEET OF SHEETS STA. TO STA.

F.A.I. RE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
24	(64-3)1-3	MASSAC	34	9
ILLINOIS FED. AID PROJECT			CONTRACT NO. 78569	







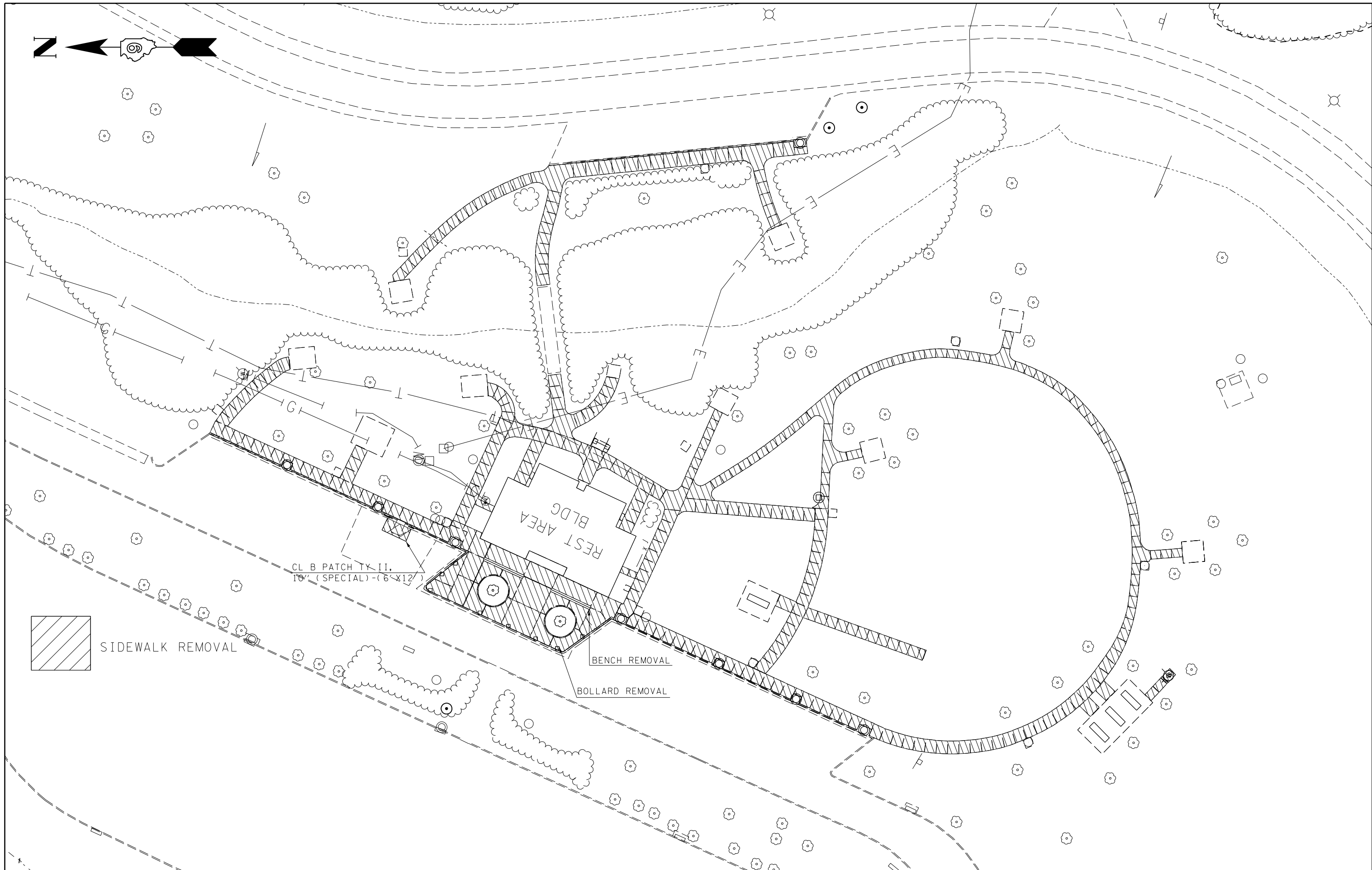
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**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**ALIGNMENT SHEET**

SCALE: SHEET OF SHEETS STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
24	(64-3)1-3	MASSAC	34	12
ILLINOIS FED. AID PROJECT			CONTRACT NO. 78569	




 SIDEWALK REMOVAL

CL B PATCH TY II,  
10' (SPECIAL) - (6'-X12')

REST AREA  
BLDG AREA

BENCH REMOVAL  
BOLLARD REMOVAL

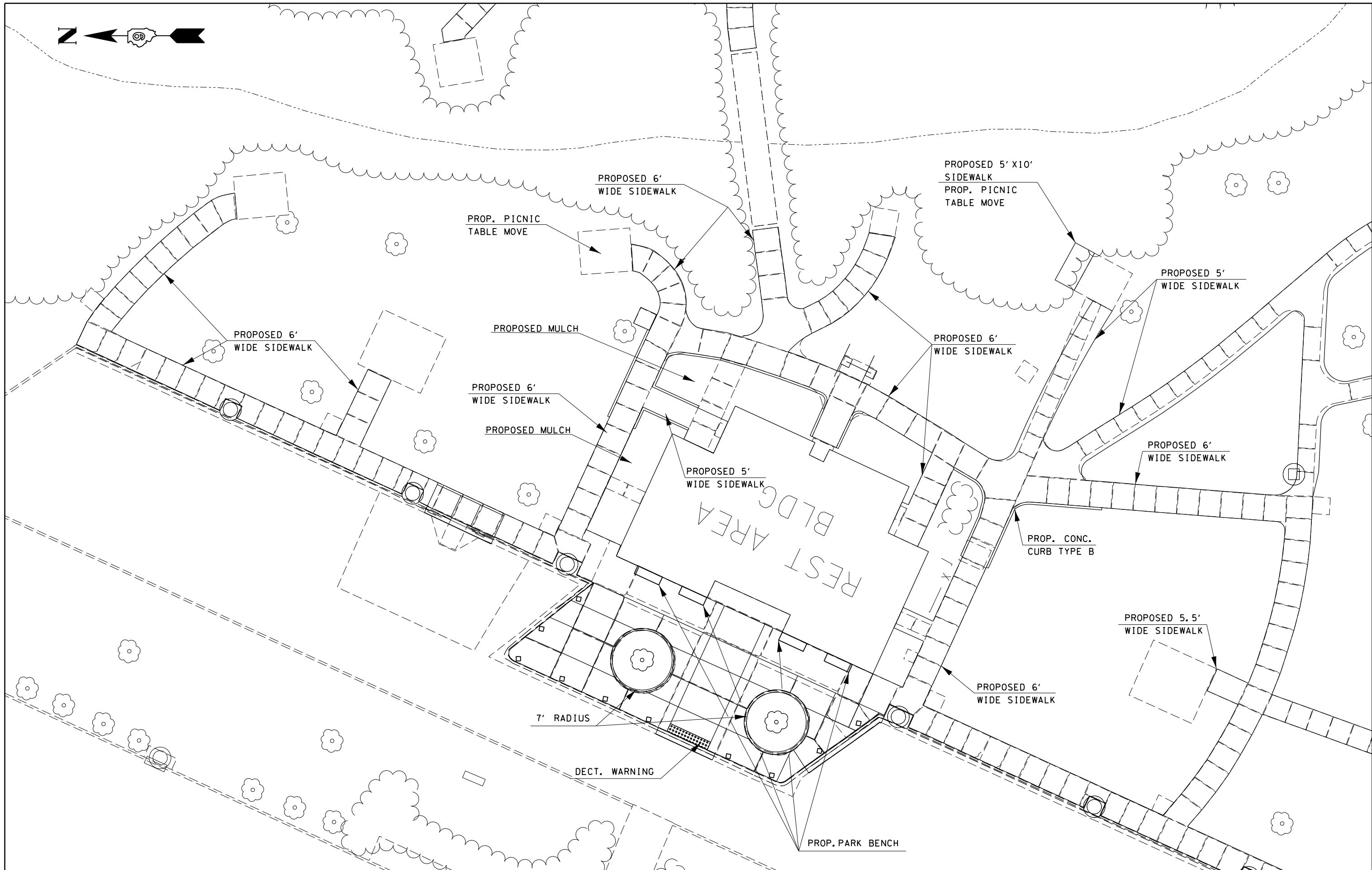
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	PLOT DATE = 3/22/2017	DATE -	REVISED -

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

REMOVAL SHEET

SCALE: SHEET OF SHEETS STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
24	(64-3)1-3	MASSAC	34	13
CONTRACT NO. 78569			ILLINOIS FED. AID PROJECT	



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**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**PLAN SHEET**

SCALE:      SHEET      OF      SHEETS      STA.      TO      STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
24	(64-3)1-3	MASSAC	34	14
ILLINOIS FED. AID PROJECT			CONTRACT NO. 78569	



125+00

PROPOSED 5'  
WIDE SIDEWALK

PROPOSED 6'  
WIDE SIDEWALK

PROPOSED 5'  
WIDE SIDEWALK

PROPOSED 6'  
WIDE SIDEWALK

PROPOSED 5' x 10'  
SIDEWALK

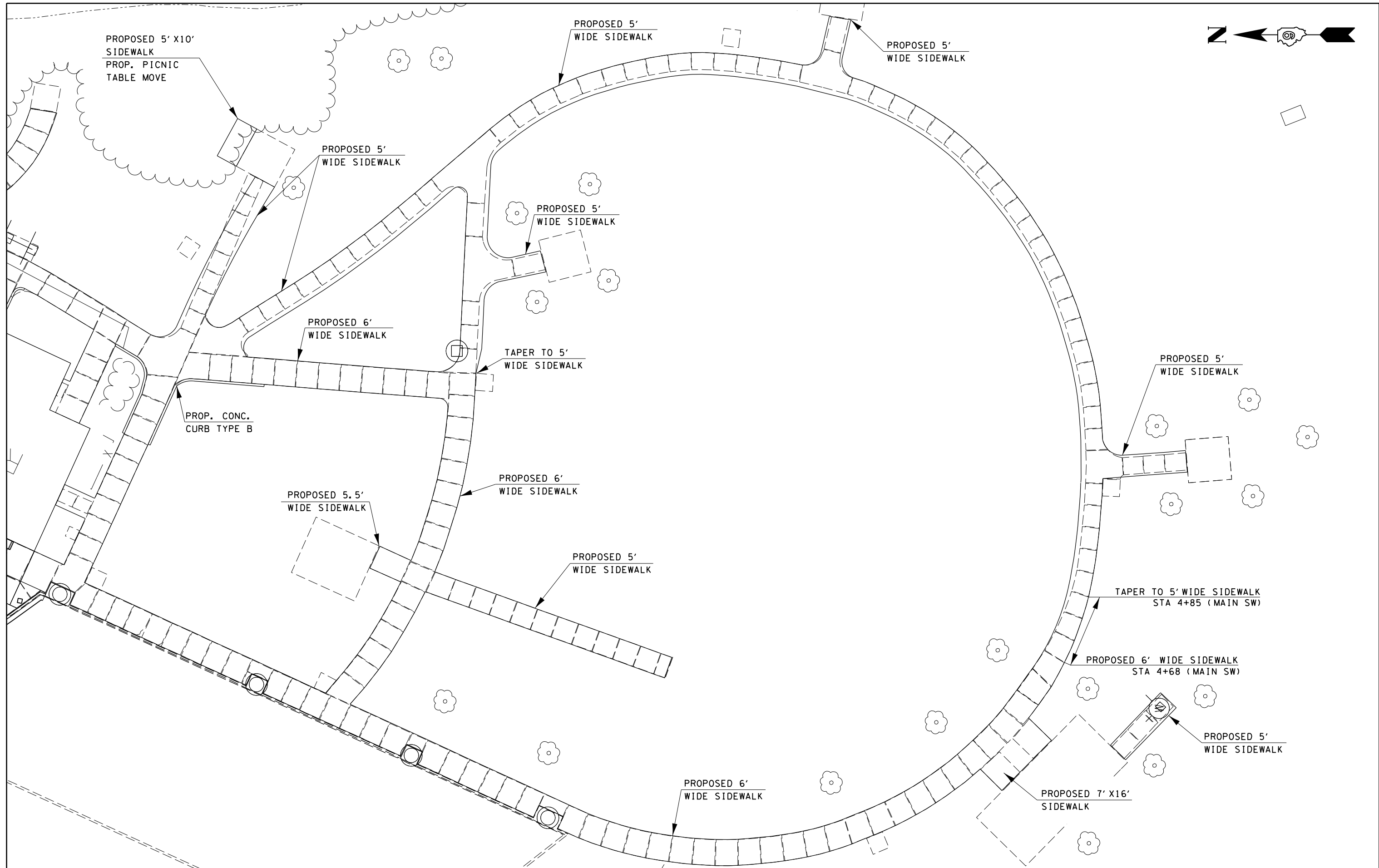
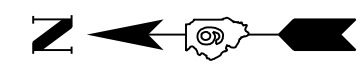
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**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**PLAN SHEET**

SCALE: SHEET OF SHEETS STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
24	(64-3)1-3	MASSAC	34	15
ILLINOIS FED. AID PROJECT			CONTRACT NO. 78569	



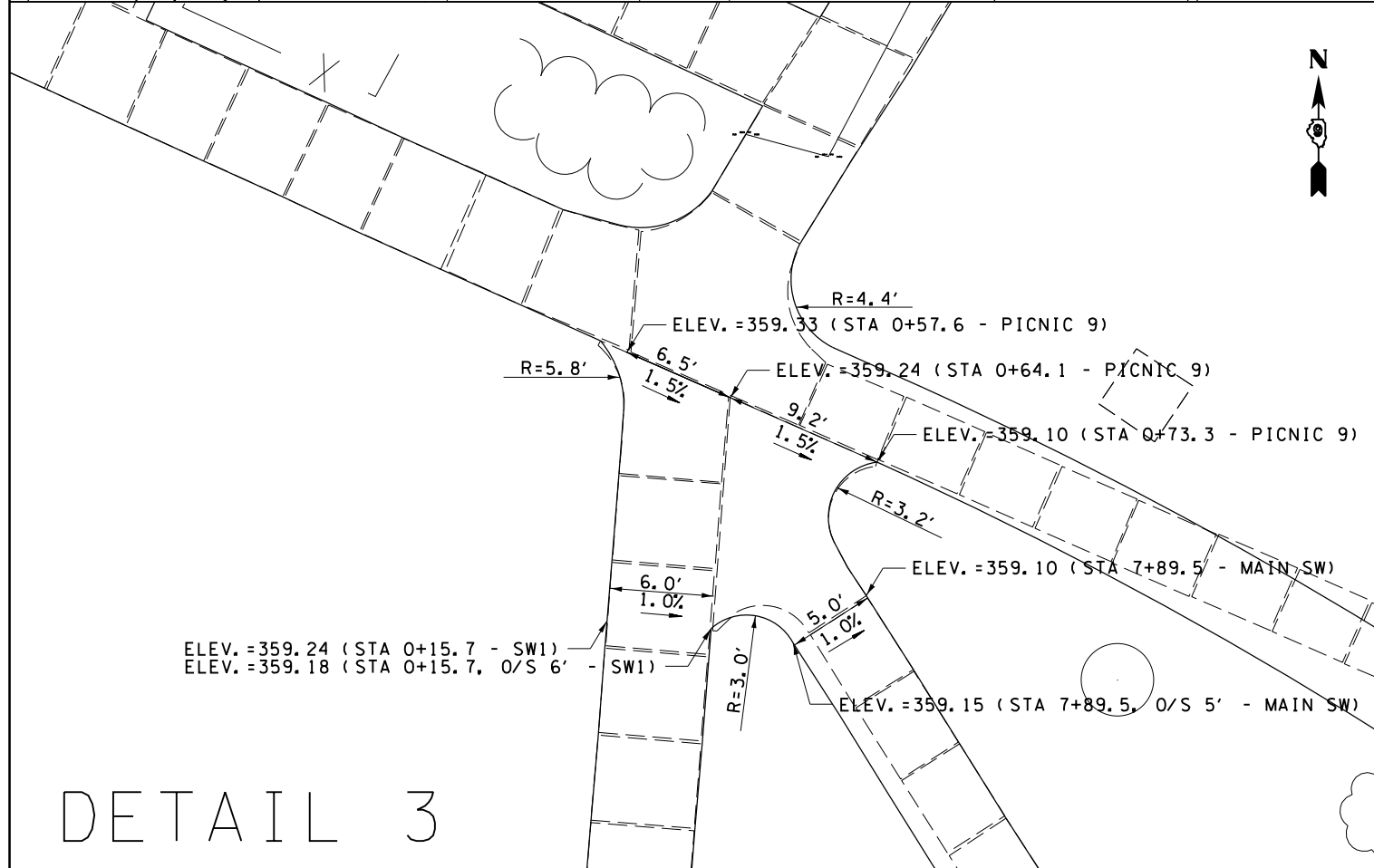
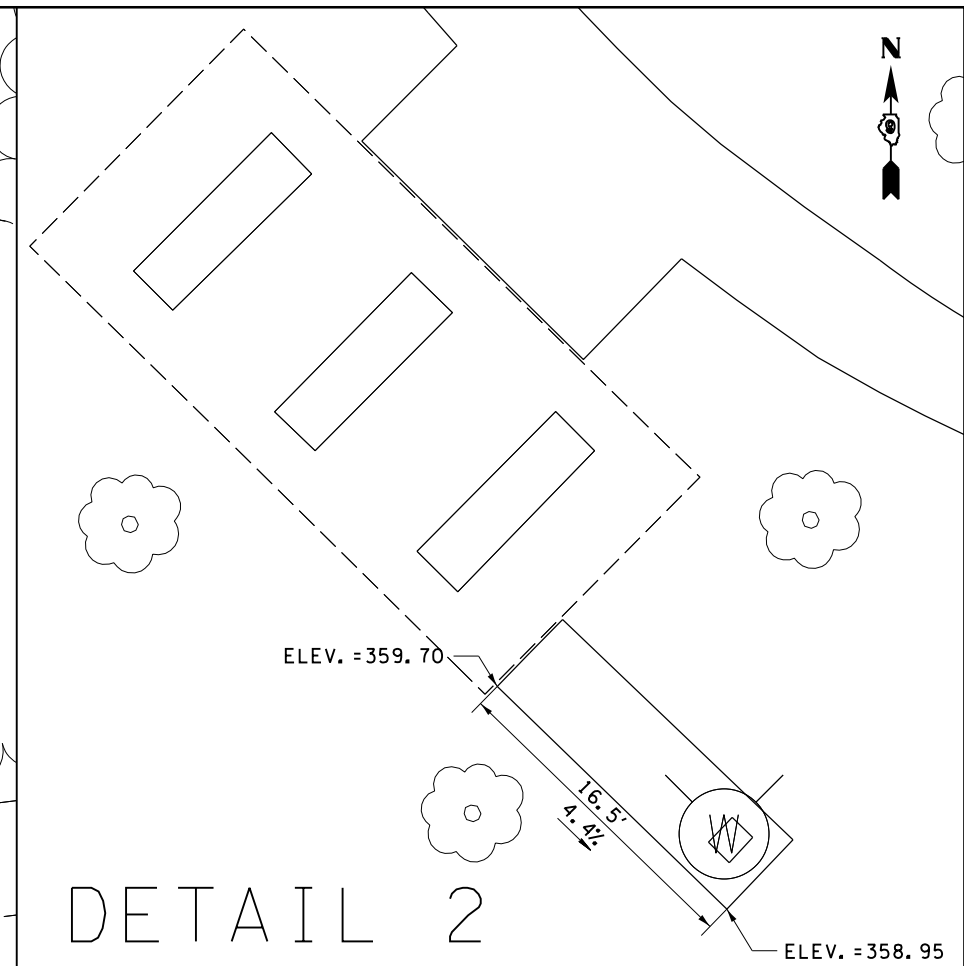
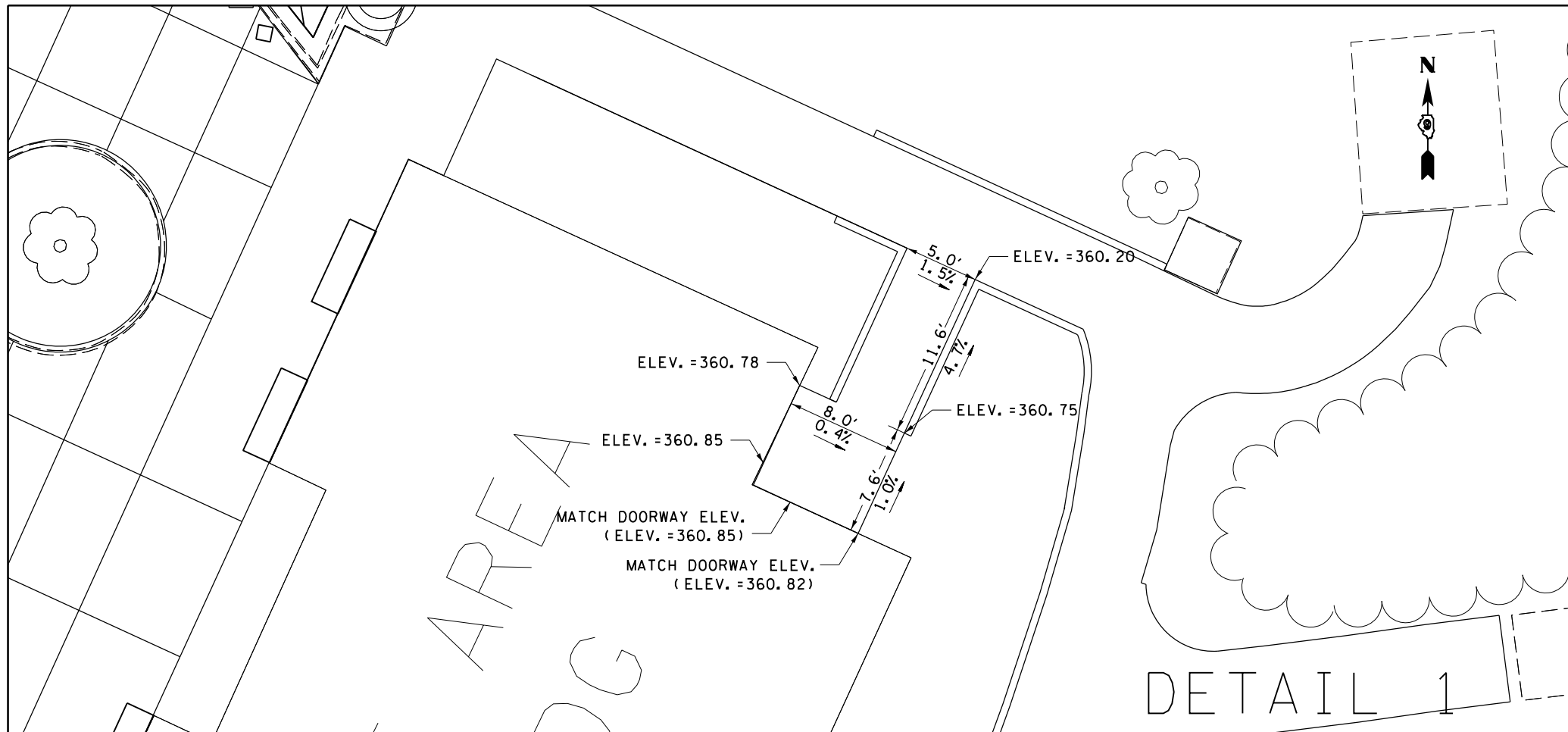
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**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

<b>PLAN SHEET</b>				
SCALE:	SHEET	OF	SHEETS	STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
24	(64-3)1-3	MASSAC	34	16
CONTRACT NO. 78569			ILLINOIS FED. AID PROJECT	





DETAIL 3

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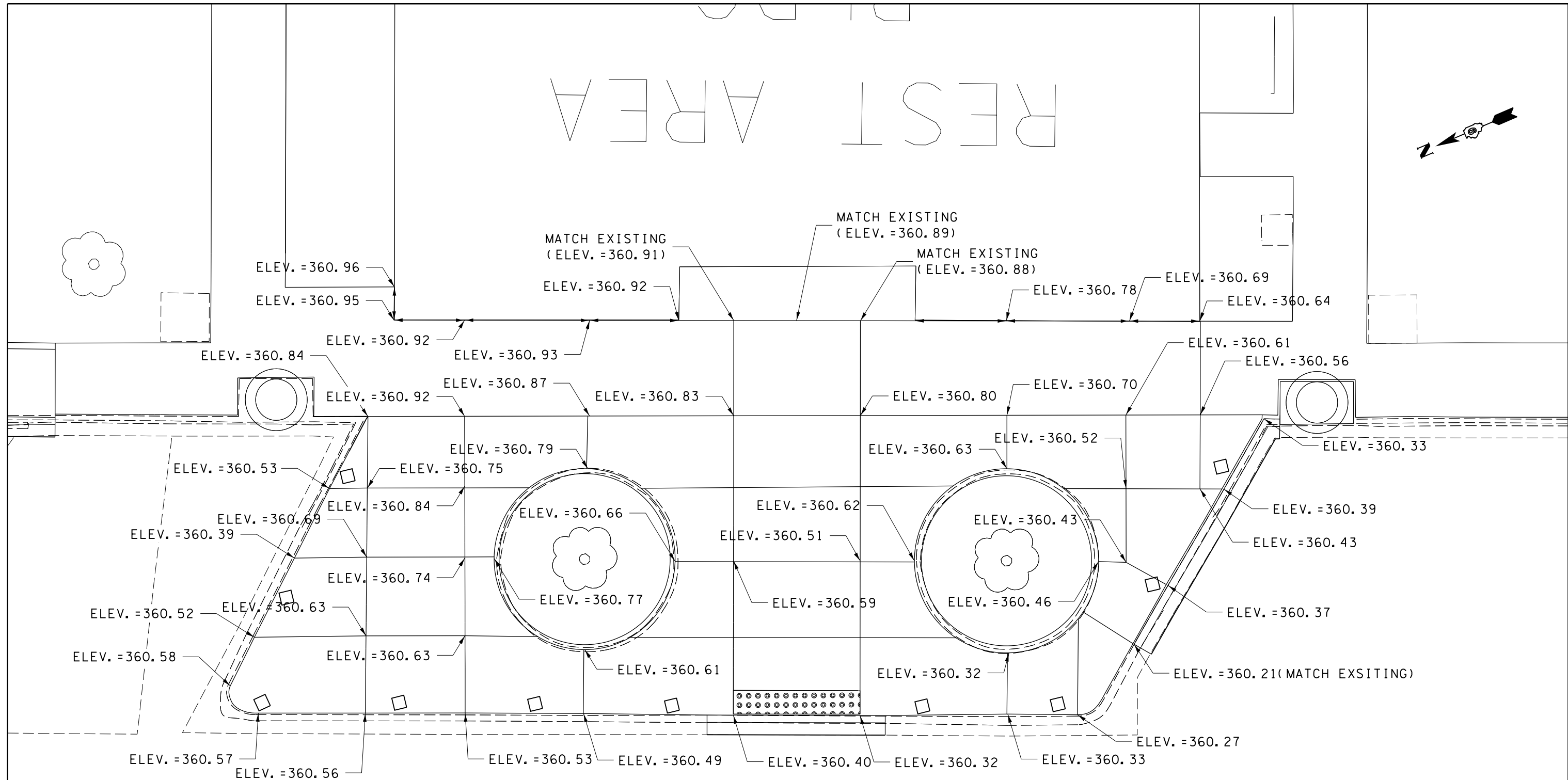
STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

PLAN SHEET

SCALE: SHEET OF SHEETS STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
24	(64-3)1-3	MASSAC	34	16
CONTRACT NO. 78569			ILLINOIS FED. AID PROJECT	

REST AREA



FILE NAME =	USER NAME = KNOPEN	DESIGNED -	REVISED -
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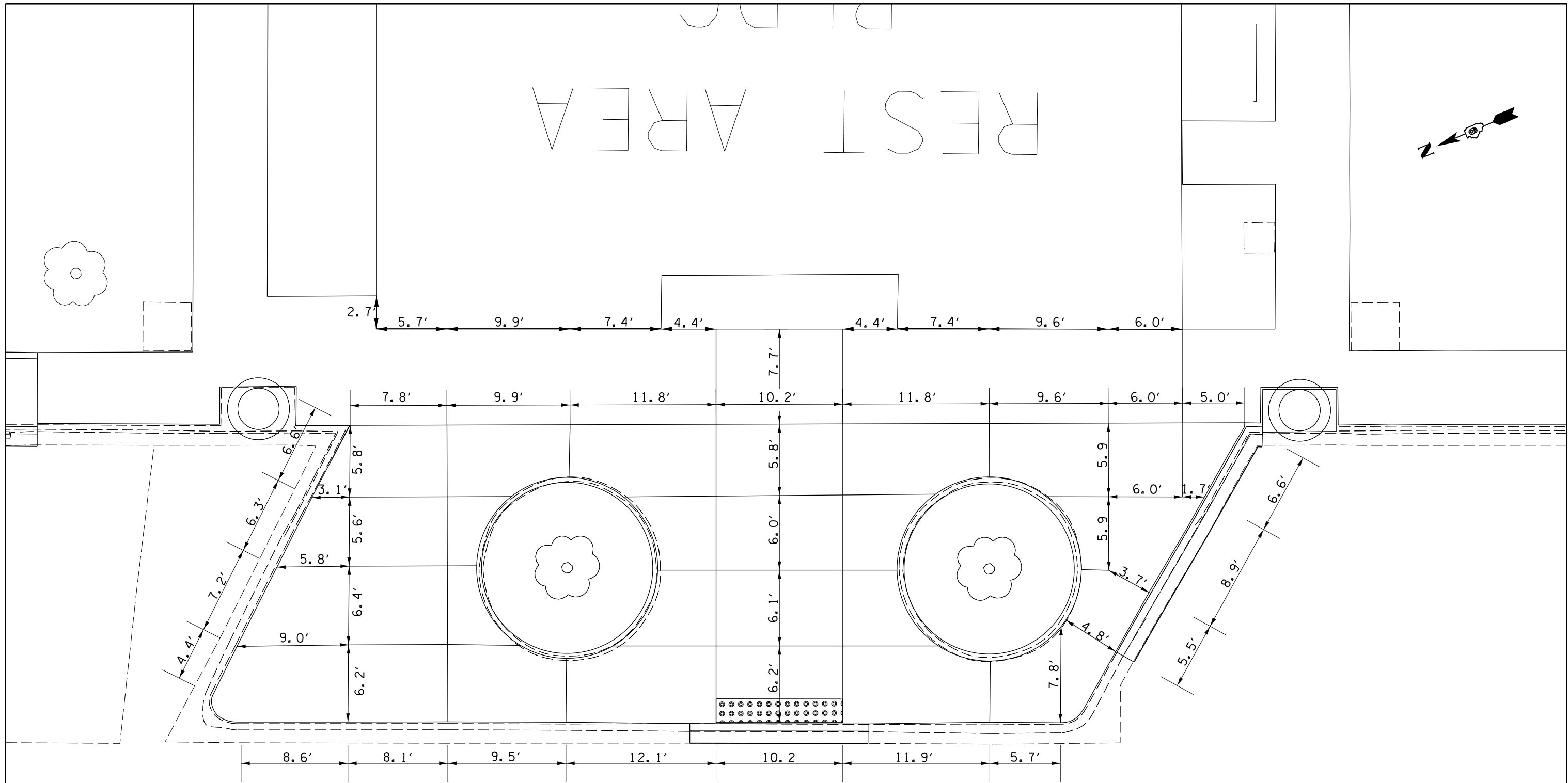
**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**PLAN SHEET-  
FRONT ENTRANCE**

SCALE:      SHEET      OF      SHEETS      STA.      TO      STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
24	(64-3)1-3	MASSAC	34	17
ILLINOIS FED. AID PROJECT			CONTRACT NO. 78569	

REST AREA



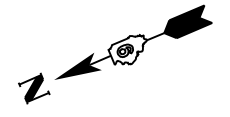
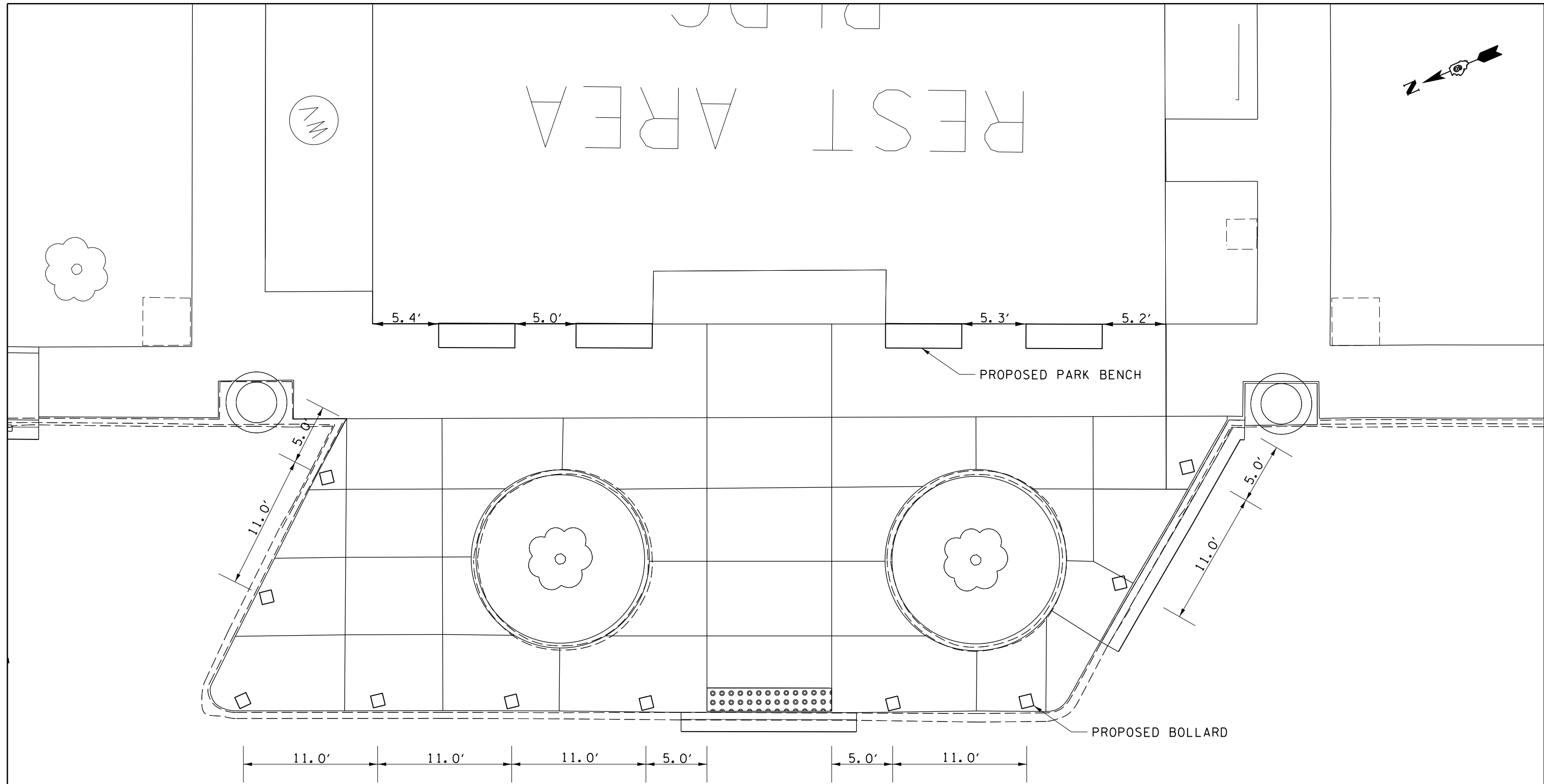
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	PLOT DATE = 3/22/2017	DATE -	REVISED -

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

PLAN SHEET-  
FRONT ENTRANCE

SCALE: SHEET OF SHEETS STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
24	(64-3)1-3	MASSAC	34	18
CONTRACT NO. 78569			ILLINOIS FED. AID PROJECT	



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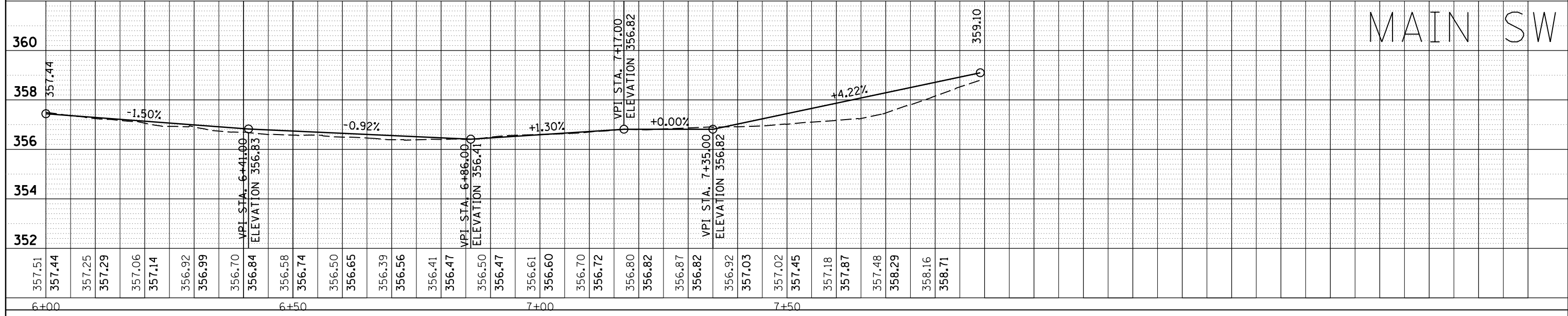
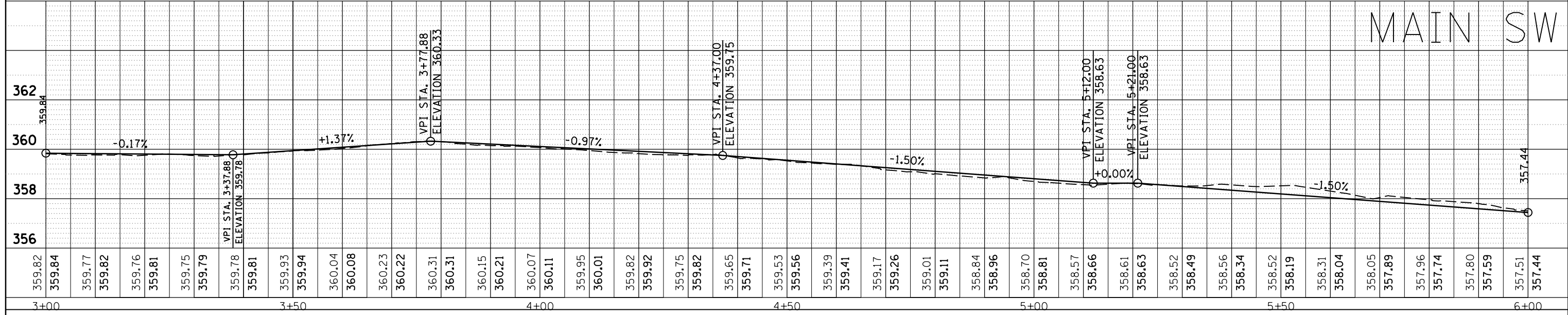
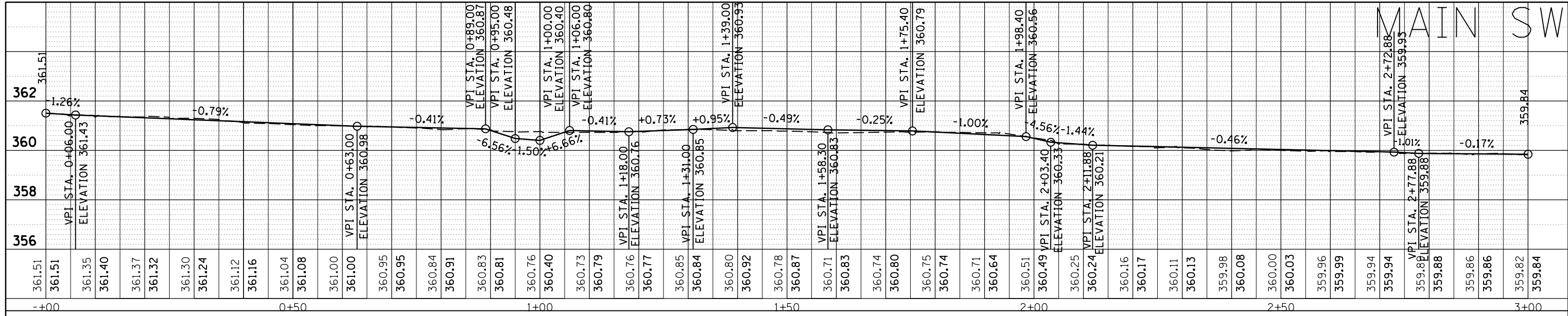
**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**PLAN SHEET-  
FRONT ENTRANCE**

SCALE:      SHEET      OF      SHEETS      STA.      TO      STA.

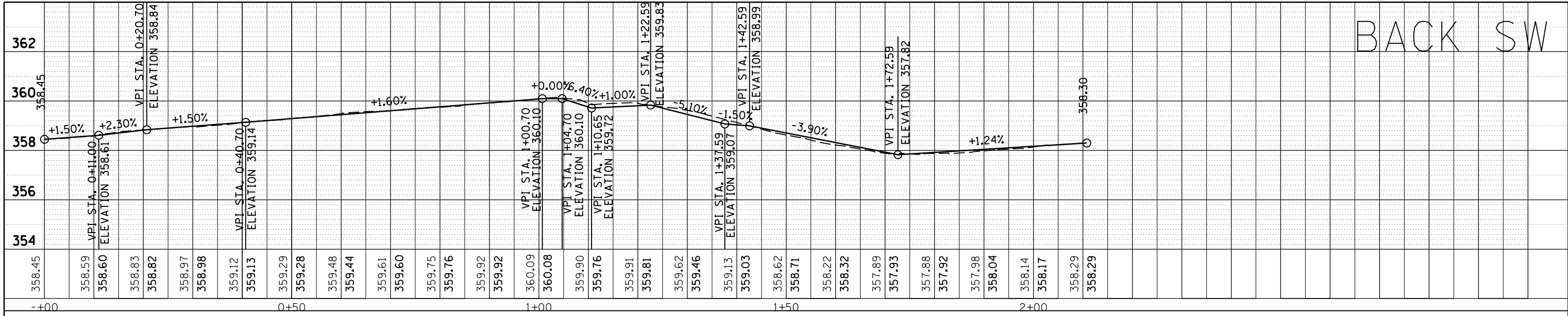
F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
24	(64-3)1-3	MASSAC	34	18
CONTRACT NO. 78569				
ILLINOIS FED. AID PROJECT				

PROFILE	SUBMITTED	BY	DATE
NOTE BOOK	GRADES CHECKED		
NO.	STRUCTURE NOTATIONS CHKD		

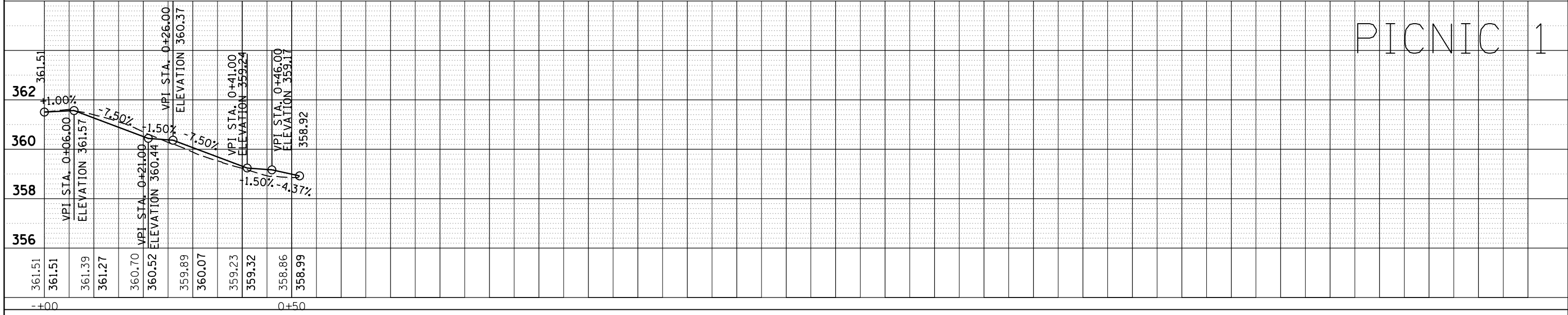


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	PLOT DATE = 3/22/2017					ILLINOIS FED. AID PROJECT					

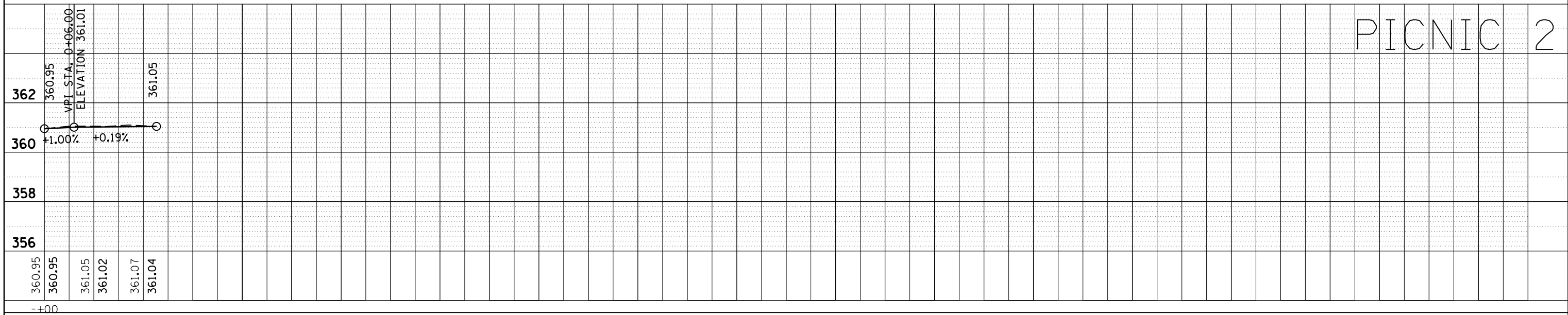
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NOTE BOOK	GRADES CHECKED		
NO.	STRUCTURE NOTATIONS CHK'D		



BACK SW



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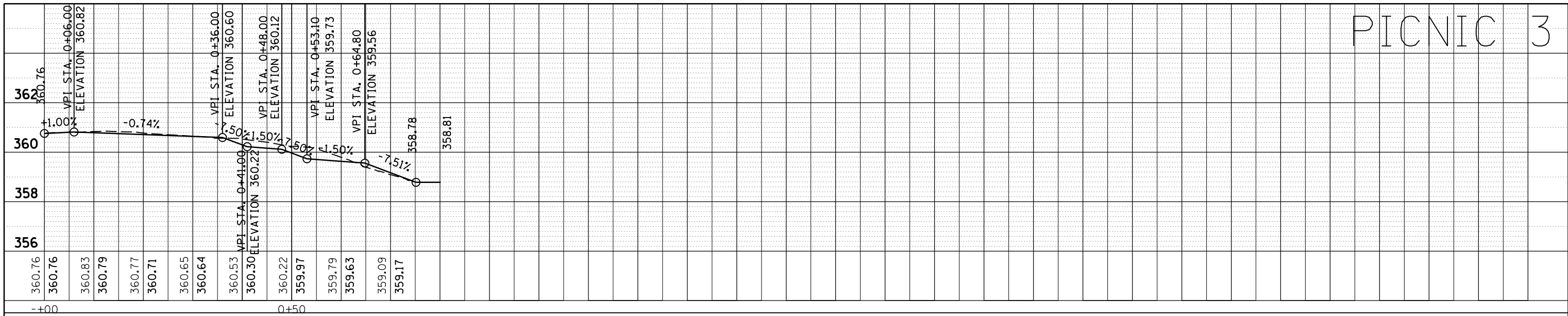


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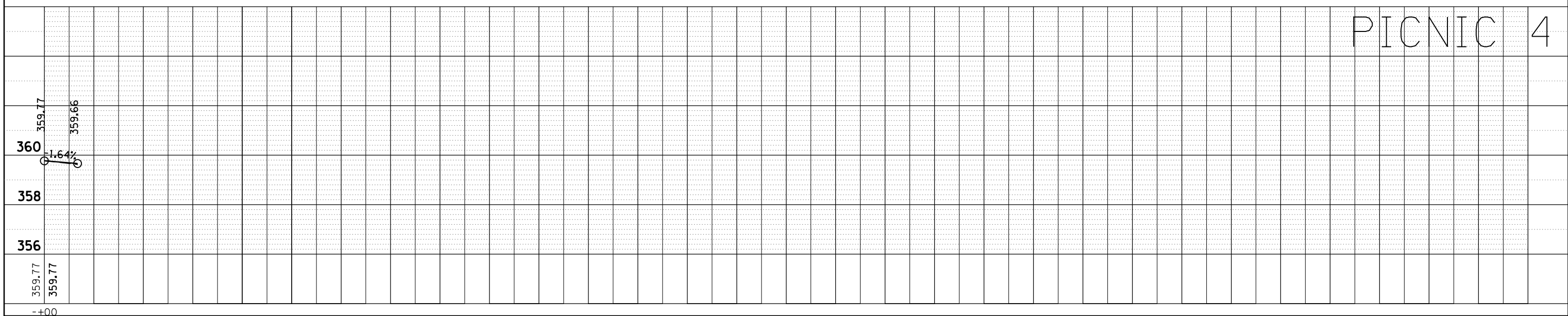
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	PLOT DATE = 3/22/2017	DATE -	REVISED -			ILLINOIS FED. AID PROJECT				

SCALE: SHEET OF SHEETS STA. TO STA.

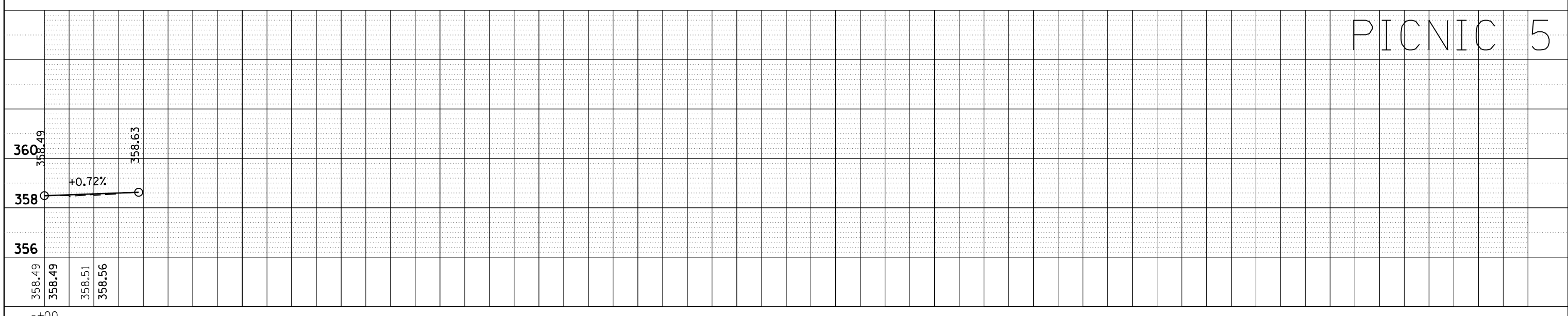
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 PLOTTED CHECKED  
 NO. TO GET  
 NO. STRUCTURE NOTATIONS CHKD



PICNIC 3



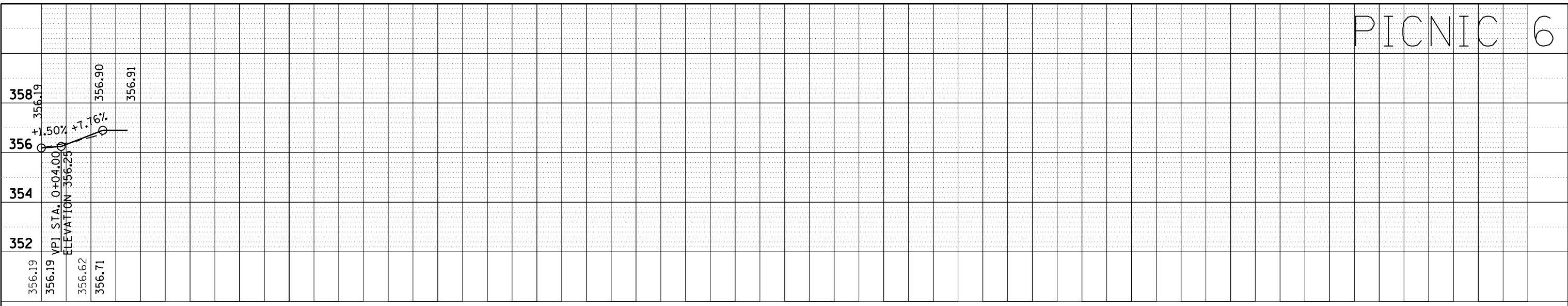
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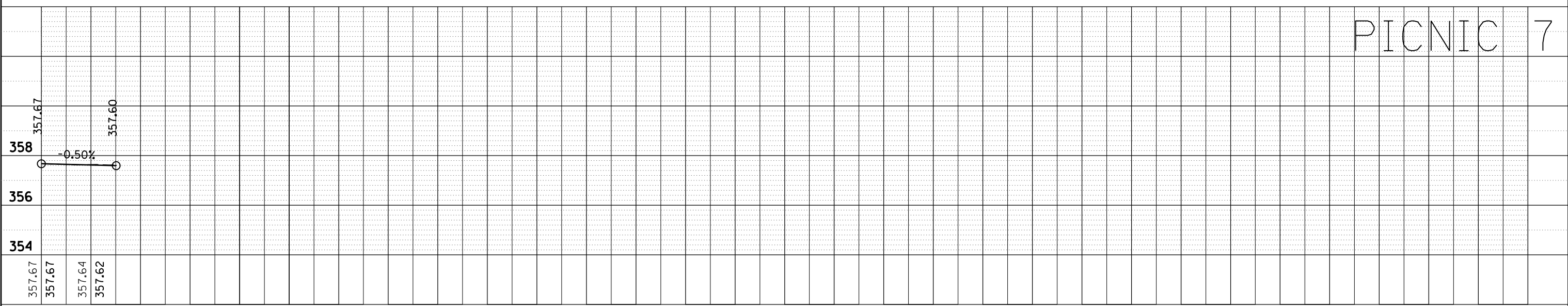
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PLOT DATE 03/22/2017			ILLINOIS PROJECT							

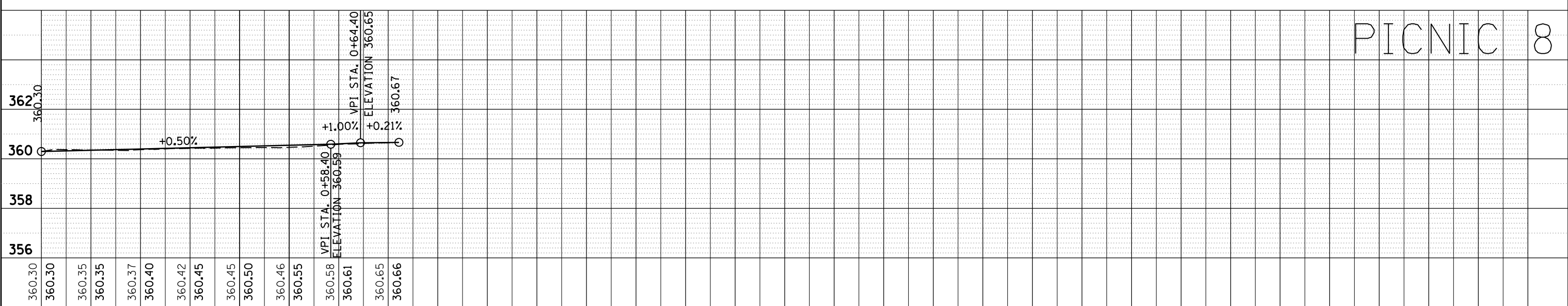
PICNIC 6



PICNIC 7



PICNIC 8



PROFILE	SUBMITTED	BY	DATE
NOTE BOOK	GRADES CHECKED		
NO.	STRUCTURE NOTATIONS CHKD		

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STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

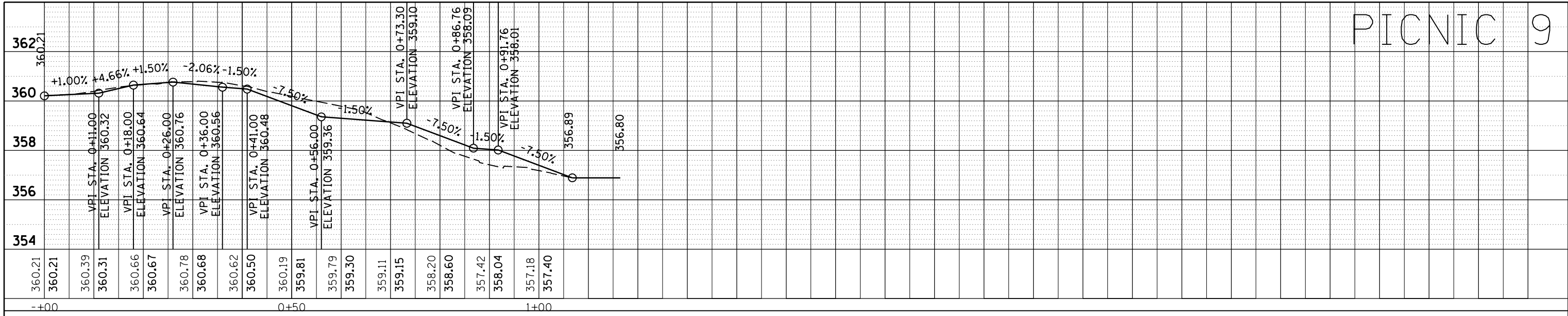
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PROFILE

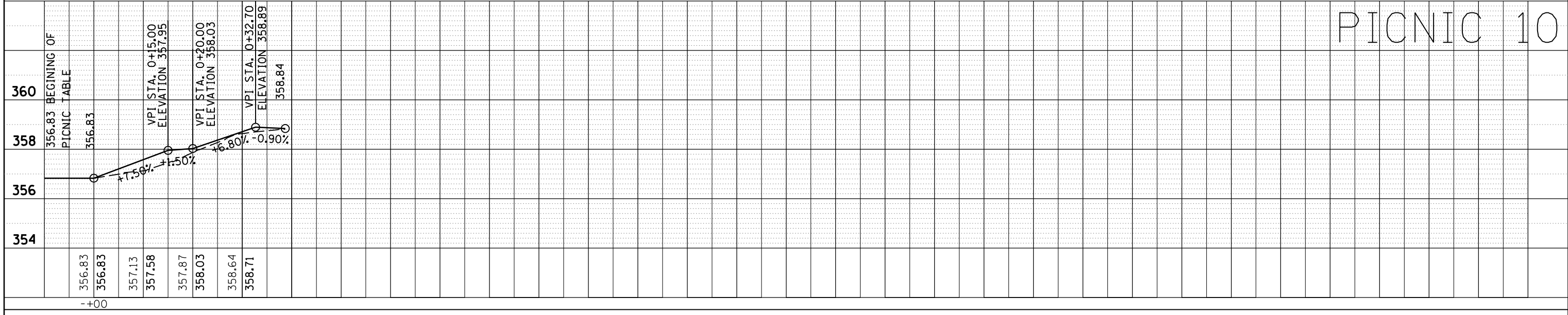
F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
24	(64-3)1-3	MASSAC	34	22
CONTRACT NO. 78569			ILLINOIS FED. AID PROJECT	



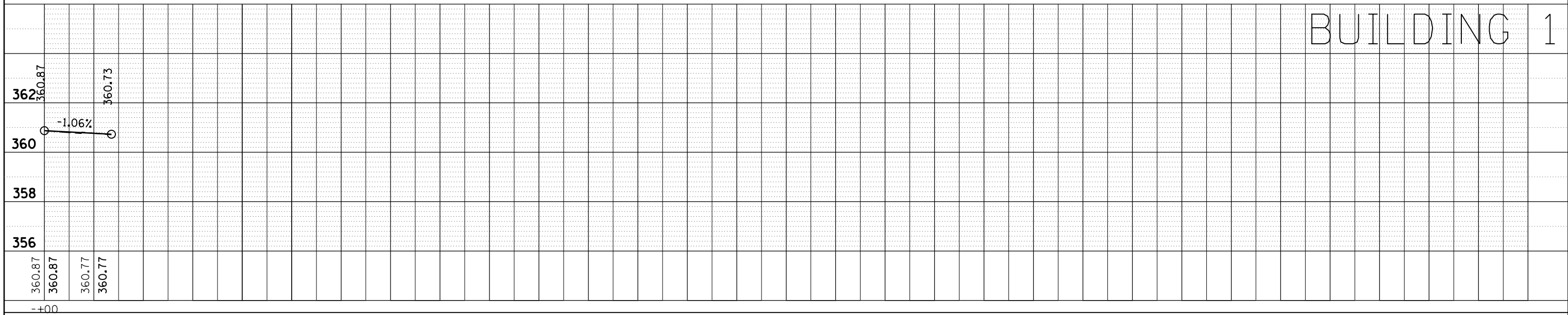
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 NOTE BOOK NO. STRUCTURE NOTATIONS CHKD



PICNIC 9



PICNIC 10



BUILDING 1

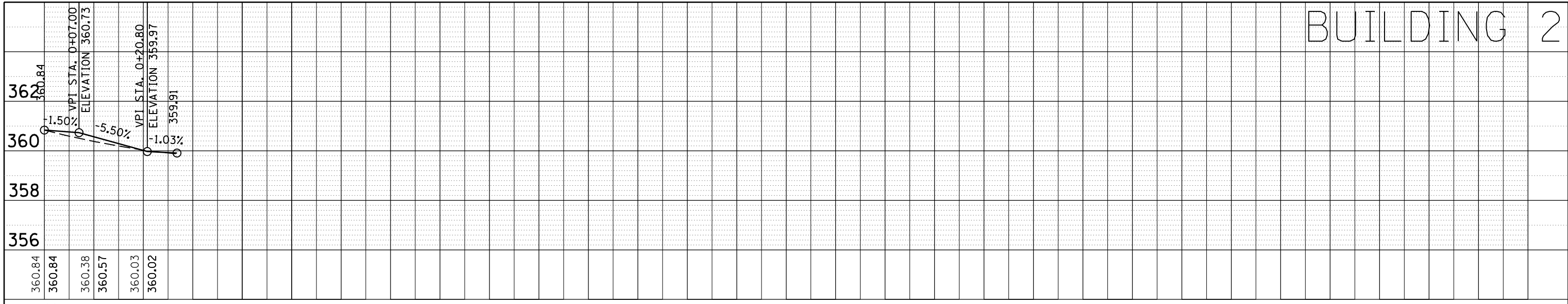
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 DESIGNED -  
 REVISIONS:  
 1. CHECKED -  
 2. DATE - 3/22/2017

STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION

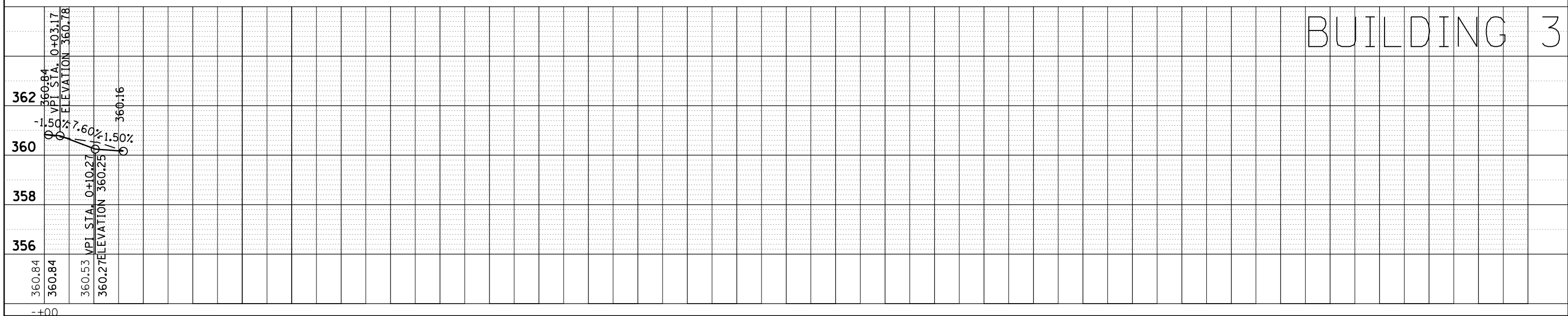
PROFILE  
 SCALE: SHEET OF SHEETS STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
24	(64-3)1-3	MASSAC	34	23
CONTRACT NO. 78569			ILLINOIS FED. AID PROJECT	

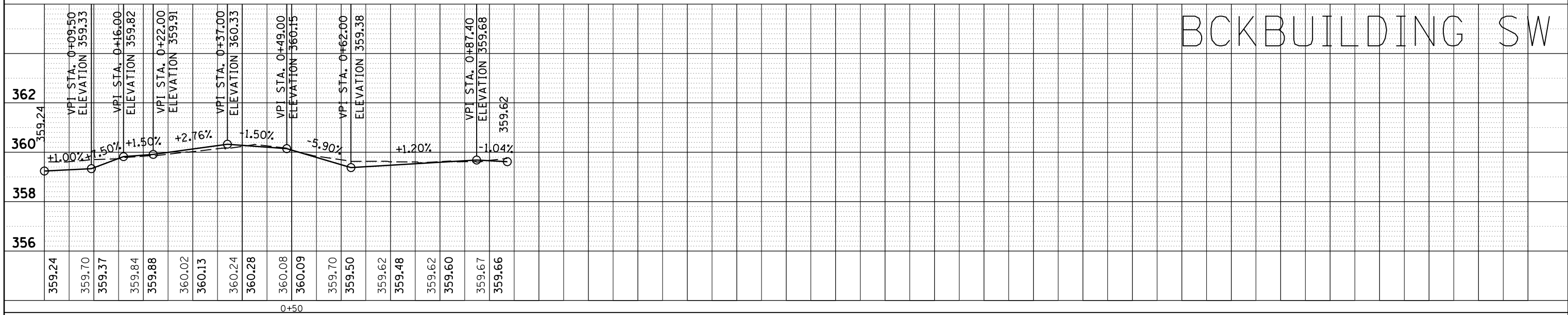
PROFILE	SUBMITTED	BY	DATE
NOTE BOOK	GRADES CHECKED		
NO.	STRUCTURE NOTATIONS CHKD		



BUILDING 2



BUILDING 3



BCK BUILDING SW

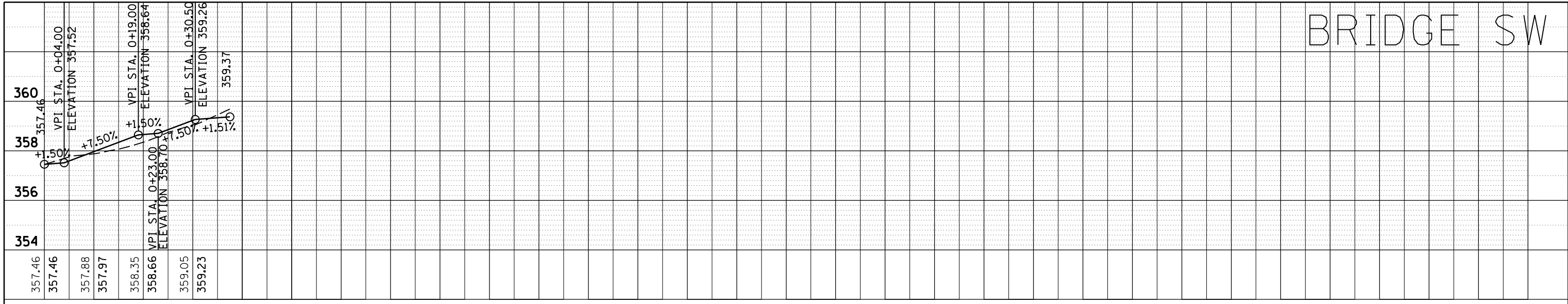
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STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

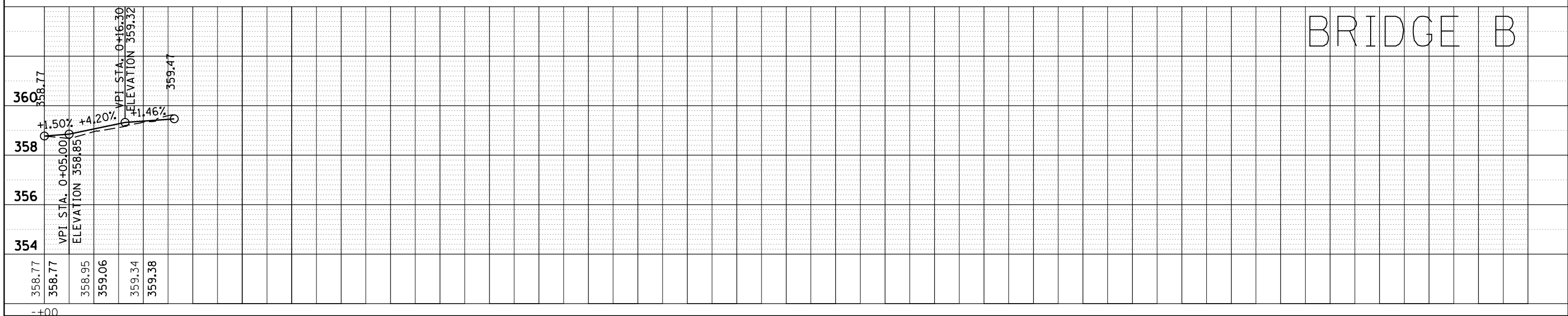
SCALE:	SHEET	OF	SHEETS	STA.	TO	STA.
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F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
24	(64-31)-3	MASSAC	34	24
ILLINOIS FED. AID PROJECT			CONTRACT NO. 78569	

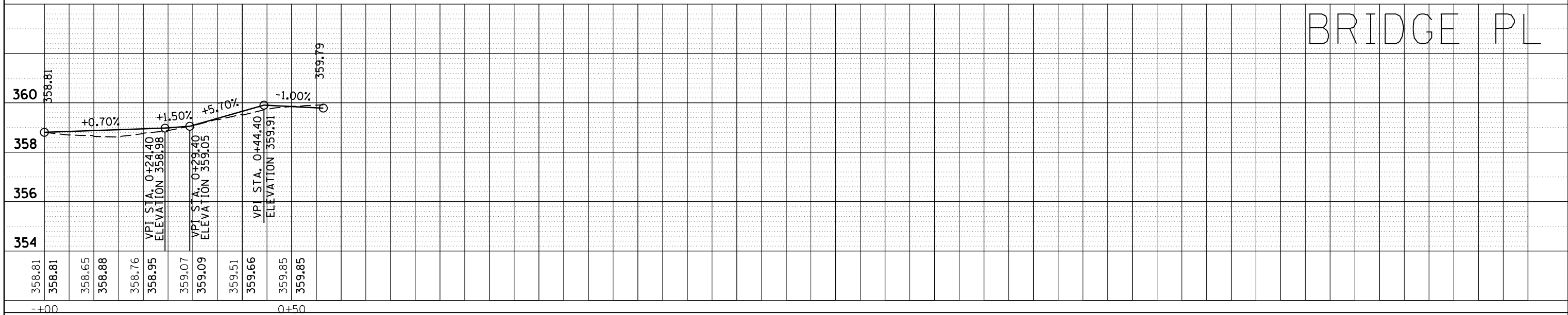
PROFILE	SUBMITTED	BY	DATE
NOTE BOOK	GRADES CHECKED		
NO.	STRUCTURE NOTATIONS CHKD		



BRIDGE SW



BRIDGE B



BRIDGE PL

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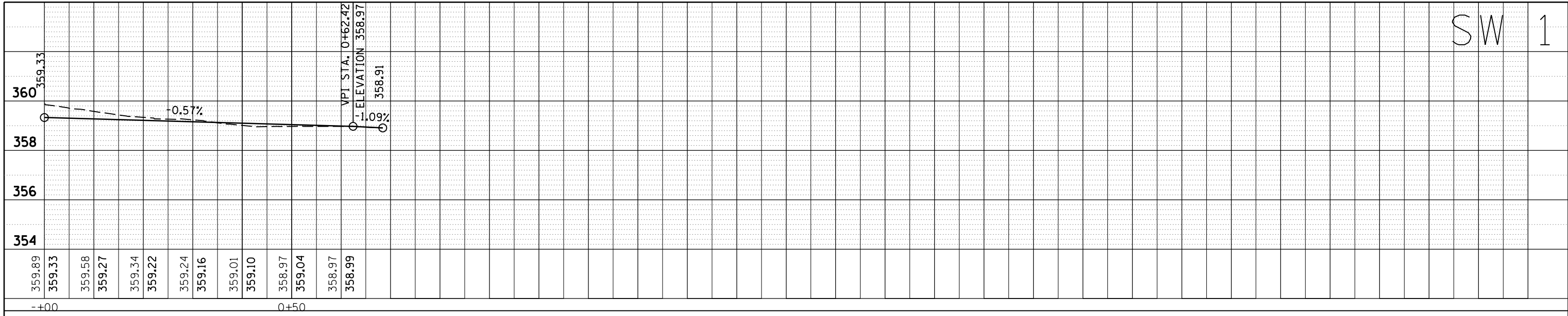
STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

SCALE:	SHEET	OF	SHEETS	STA.	TO	STA.
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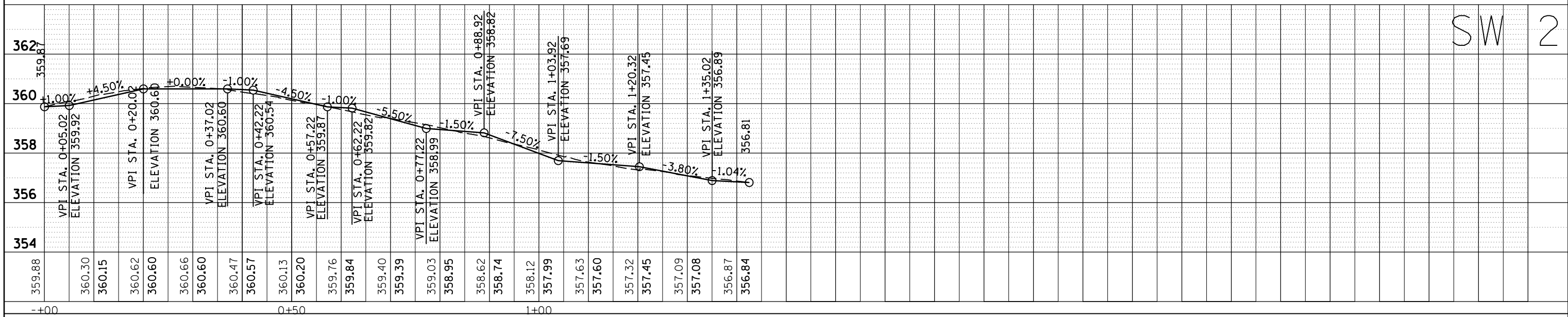
PROFILE

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
24	(64-3)1-3	MASSAC	34	25
ILLINOIS FED. AID PROJECT			CONTRACT NO. 78569	

PROFILE	SUBMITTED	BY	DATE
NOTE BOOK	GRADES CHECKED		
NO.	STRUCTURE NOTATIONS CHK'D		



SW 1



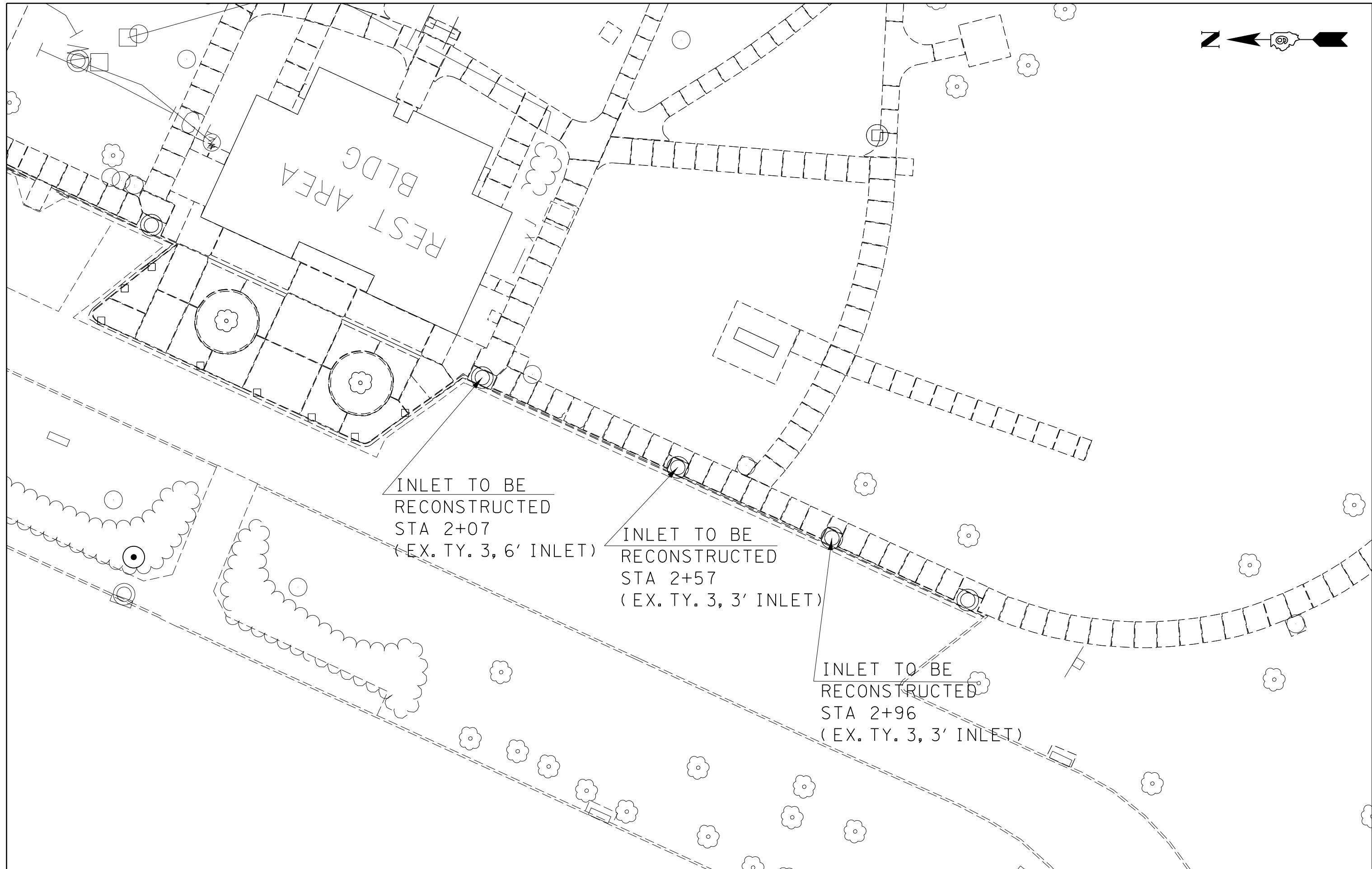
SW 2

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STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

SCALE:	SHEET	OF	SHEETS	STA.	TO	STA.
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F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
24	(64-3)1-3	MASSAC	34	26
CONTRACT NO. 78569			ILLINOIS FED. AID PROJECT	



INLET TO BE  
RECONSTRUCTED  
STA 2+07  
(EX. TY. 3, 6' INLET)

INLET TO BE  
RECONSTRUCTED  
STA 2+57  
(EX. TY. 3, 3' INLET)

INLET TO BE  
RECONSTRUCTED  
STA 2+96  
(EX. TY. 3, 3' INLET)

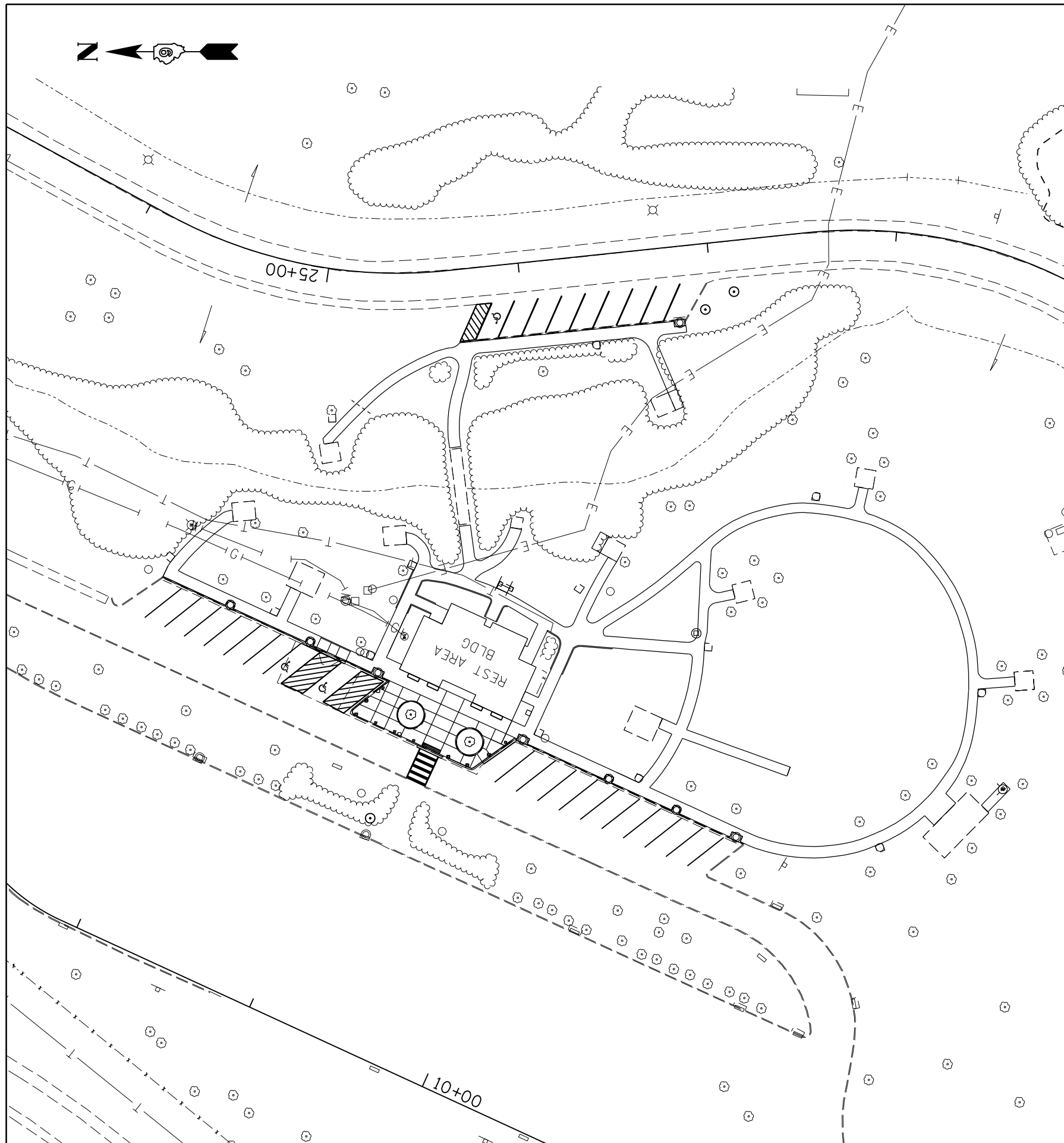
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**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

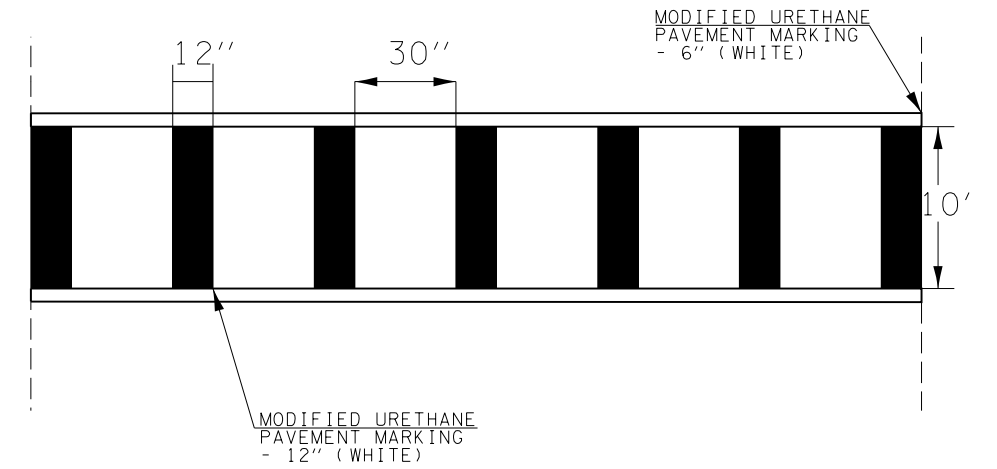
**PLAN SHEET  
INLET RECONSTRUCTION**

SCALE: SHEET OF SHEETS STA. TO STA.

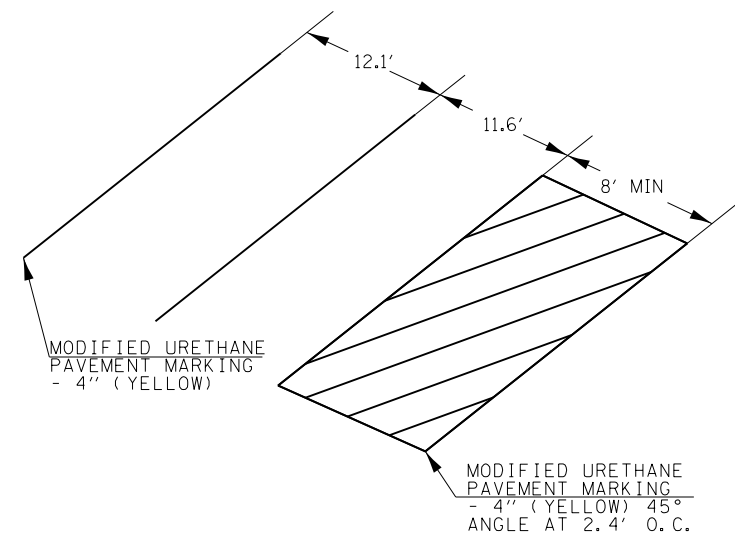
F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
24	(64-3)1-3	MASSAC	34	
			CONTRACT NO. 78569	
ILLINOIS FED. AID PROJECT				



CROSSWALK PAVEMENT MARKING DETAIL



ADA PARKING SPACE PAVEMENT MARKING (EAST PASSENGER VEHICLE PARKING LOT)



NOTE: MATCH EXISTING PAVEMENT MARKINGS ON WEST PARKLOTS.

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

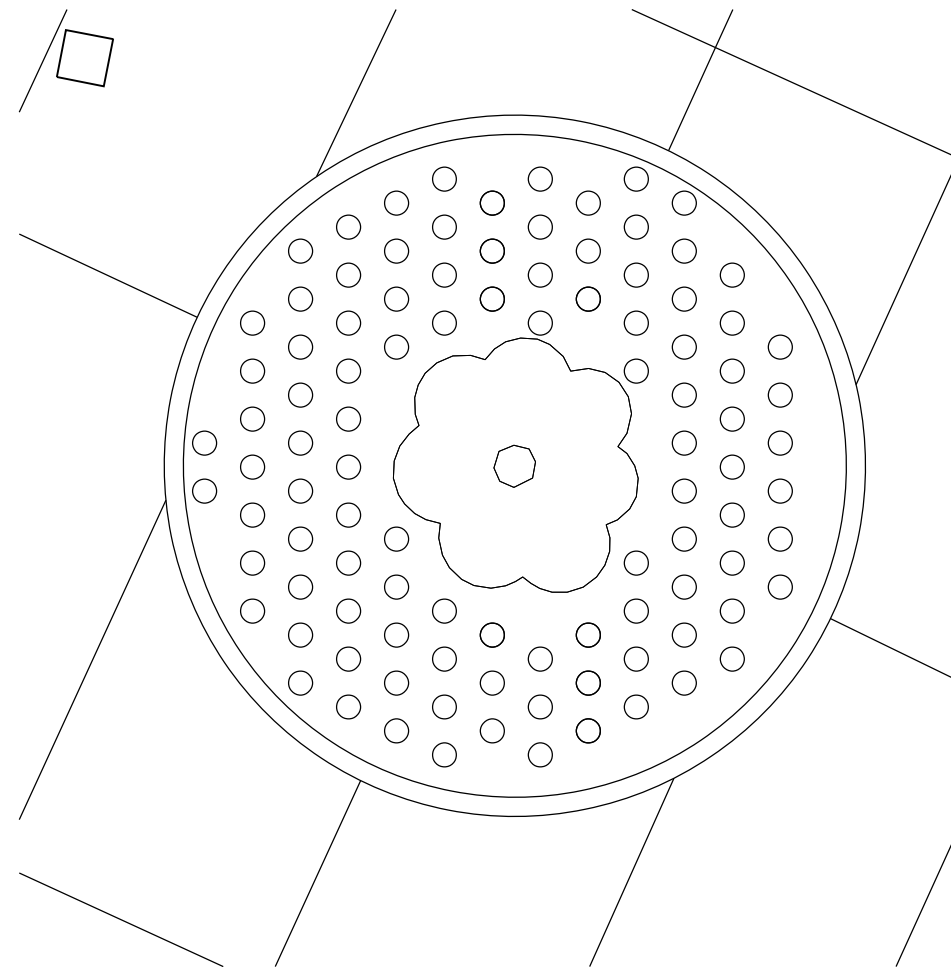
PAVEMENT MARKINGS

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F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
24	(64-3)1-3	MASSAC	34	28
CONTRACT NO. 78569			ILLINOIS FED. AID PROJECT	

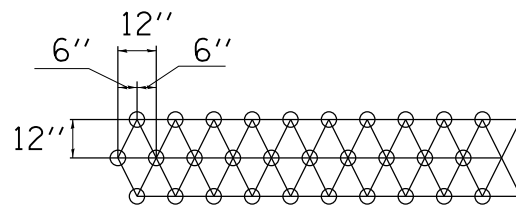


# LANDSCAPE PLAN



ⓓ - DAFFODIL  
(200 TOTAL)

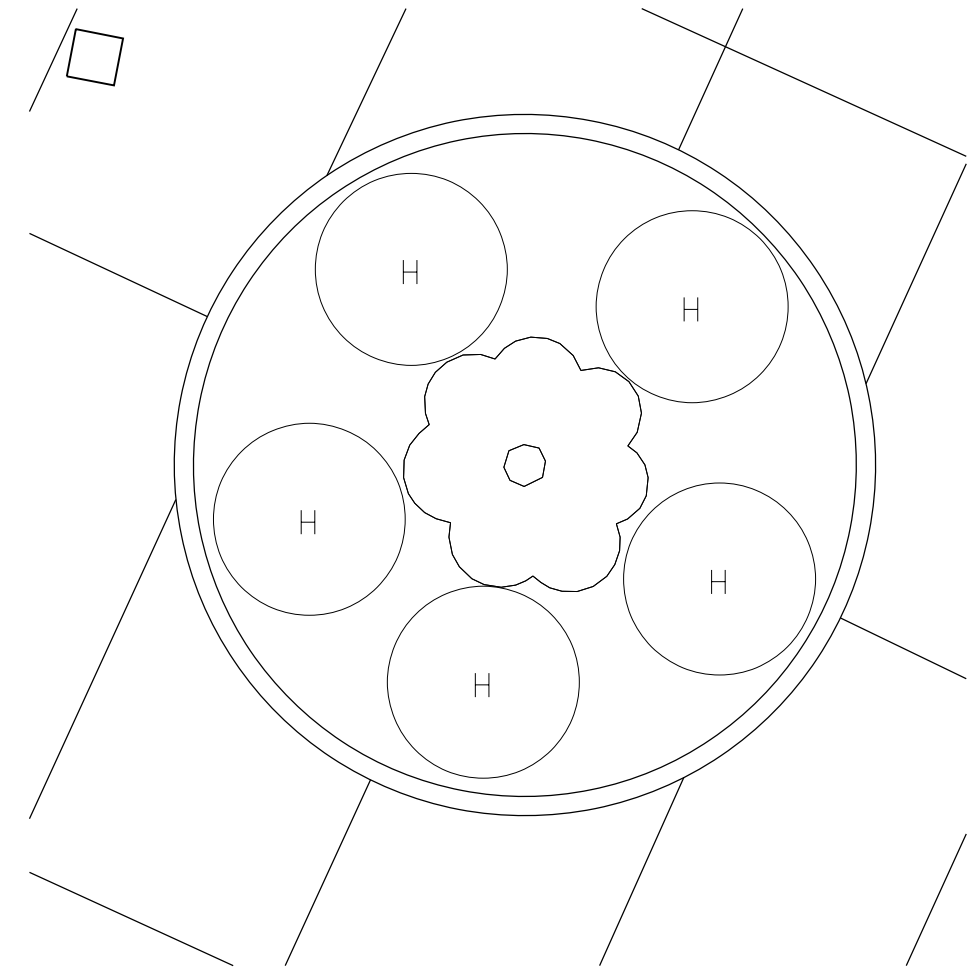
DAFFODIL PLANTING GUIDELINE



NOTE: THIS LANDSCAPE PLAN SHOULD BE USED ON BOTH TREES IN FRONT OF THE ENTRANCE BUILDING.



# LANDSCAPE PLAN



ⓓ - HOSTA  
(10 TOTAL)

NOTE: THIS LANDSCAPE PLAN SHOULD BE USED ON BOTH TREES IN FRONT OF THE ENTRANCE BUILDING.

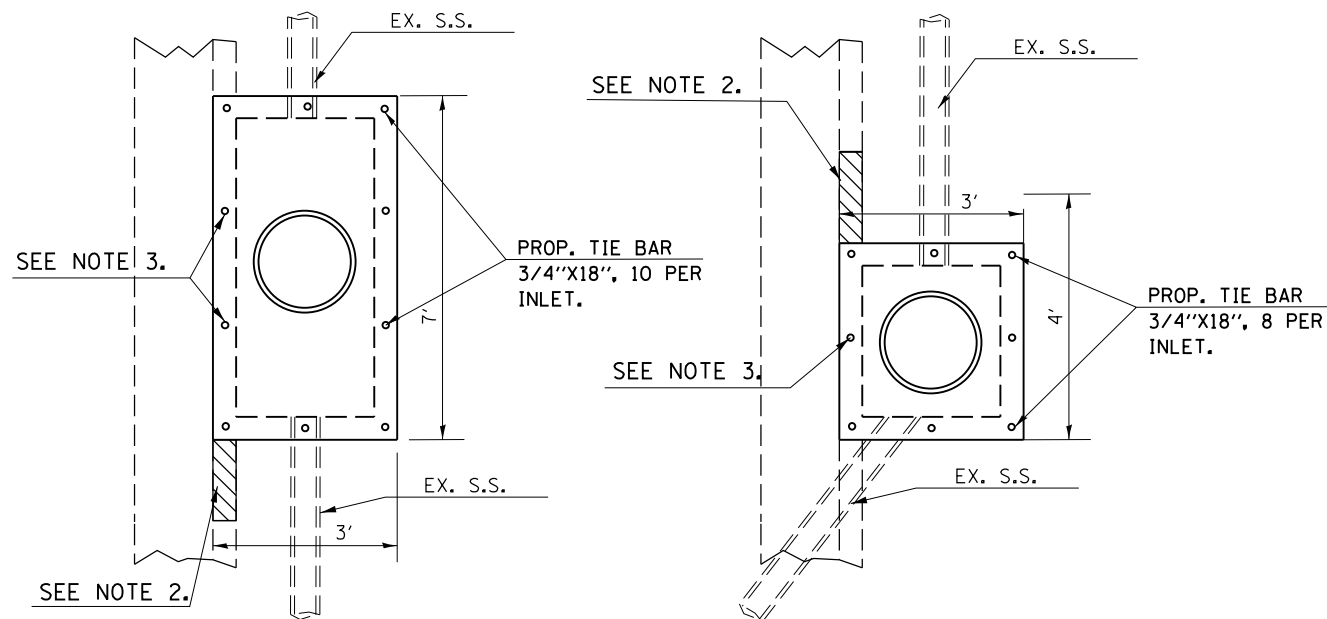
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	PLOT DATE = 3/22/2017	DATE -	REVISED -

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

LANDSCAPE PLAN	
SCALE:	SHEET OF SHEETS STA. TO STA.

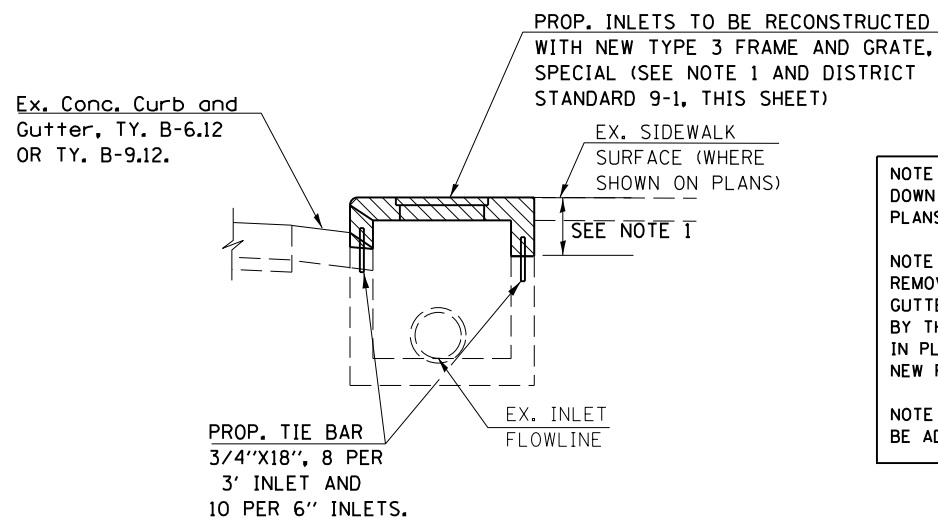
F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
24	(64-3)1-3	MASSAC	34	31
ILLINOIS FED. AID PROJECT			CONTRACT NO. 78569	

**DETAILS OF INLETS TO BE  
RECONSTRUCTED WITH NEW TYPE 3  
GRATE AND FRAME, SPECIAL**



PROP. RECONSTRUCTED  
INLET DETAIL  
(EX. TY. 3, 6' INLETS)

PROP. RECONSTRUCTED  
INLET DETAIL  
RT. STA. 5+91  
(EX. TY. 3, 3' INLET)



PROP. RECONSTRUCTED INLET  
SIDE VIEW DETAIL

**NOTES**

NOTE 1. 15" FROM THE TOP OF THE INLET DOWN SHALL BE REMOVED AS SHOWN ON THE PLANS AND AS DIRECTED BY THE ENGINEER.

NOTE 2. LIMITS OF CURB AND GUTTER REMOVAL AND NEW COMB. CONC. CURB AND GUTTER NEAR INLETS TO BE DETERMINED BY THE ENGINEER UNLESS OTHERWISE NOTED IN PLANS. SHALL BE INCLUDED IN COST OF NEW RECONSTRUCTED INLETS.

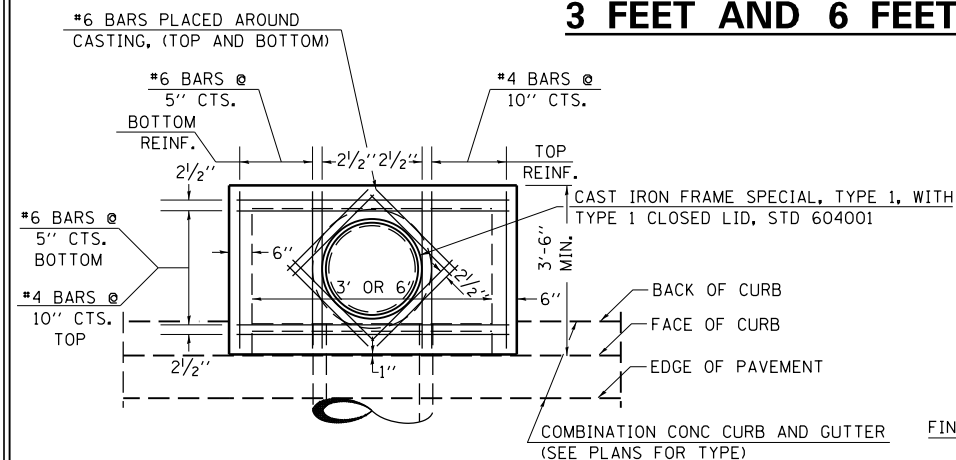
NOTE 3. PROP. TIE BAR LOCATIONS TO BE ADJUSTED DEPENDING ON INLET OPENING.

**LEGEND**

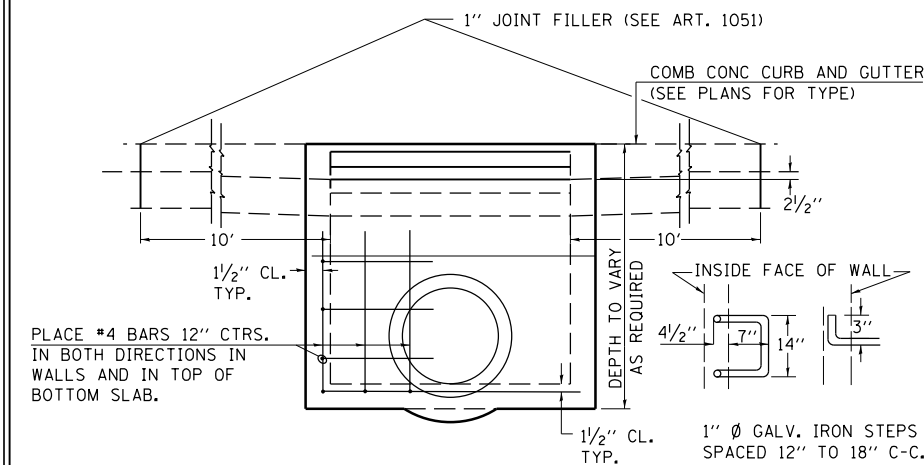


EX. INLET AND CONC. CURB & GUTTER TO BE REMOVED. (INCLUDED IN COST OF PROP. RECONSTRUCTED INLETS WITH NEW TYPE 3 FRAME & GRATE)

**DETAILS OF INLET SPECIAL, TYPE 3,  
3 FEET AND 6 FEET**



**PLAN**



**ELEVATION**

**NOTES:**

PROVIDE 1/2" CLEARANCE TYP. ALL REINFORCEMENT UNLESS OTHERWISE SPECIFIED.

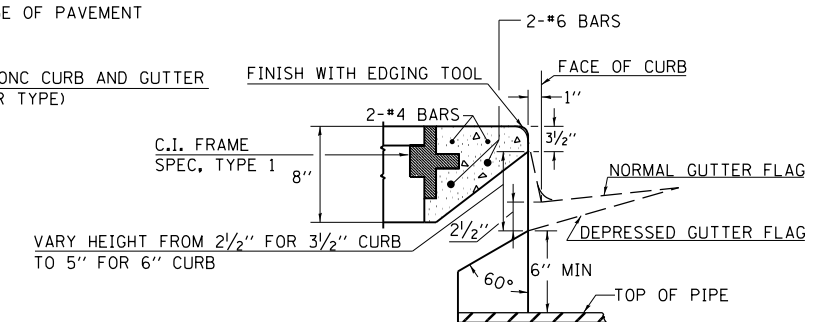
CLASS S1 CONCRETE SHALL BE USED THROUGHOUT. SET FACE OF INLET 1" BEHIND FACE OF CURB. DEPRESS GUTTER FLOWLINE AT INLET 2 1/2" BELOW NORMAL GUTTER FLOWLINE. CONSTRUCT TRANSITION IN FLOWLINE IN 10 FEET EACH SIDE OF INLET. PIPES TO BE CONNECTED TO INLET AS SHOWN ON STORM SEWER LAYOUT.

INLETS WILL BE PAID FOR AT THE CONTRACT UNIT PRICE EACH FOR **INLET TO BE RECONSTRUCTED**. WHICH PRICE SHALL INCLUDE THE CAST IRON FRAME, SPECIAL, TYPE 1 WITH TYPE 1 CLOSED LID, THE REINFORCEMENT BARS, METAL STEPS AND JOINT FILLER.

\*\* THE GALVANIZED IRON STEPS AS DETAILED HEREON ARE TYPICAL. STEPS OF OTHER DESIGN AND MATERIAL THAT WILL CONFORM TO THE MINIMUM REQUIREMENTS OF THE STEPS SHOWN. MAY BE USED WHEN APPROVED BY THE ENGINEER.

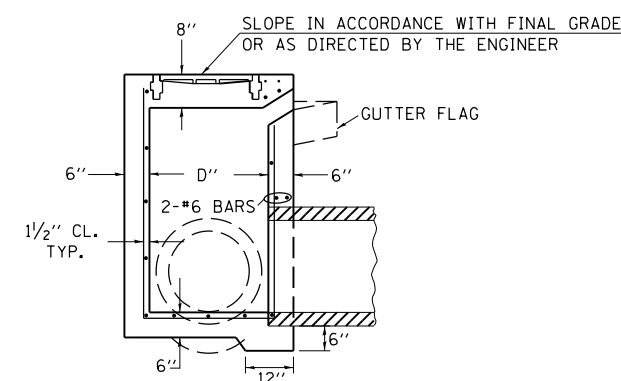
IF THE INLET IS NOT CAST IN PLACE THEN THE INLET SHALL BE PRODUCED ACCORDING TO THE DEPARTMENT'S CURRENT POLICY MEMORANDUM, "QUALITY CONTROL/QUALITY ASSURANCE PROGRAM FOR PRECAST CONCRETE PRODUCTS".

ONLY FOR REFERENCE WHEN BUILDING INLETS TO BE RECONSTRUCTED WITH NEW TYPE 3 GRATE & FRAME.



**SECTION AT WEIR**

DESIGN	PIPE DIA	"D"
A	18" & LESS	2'-6"
B	21" & 24"	3'-0"
C	27" & 30"	3'-7"
D	33" & 36"	4'-2"
E	42"	4'-9"
F	48"	5'-0"
G	54"	6'-1"



**SECTION**

**NOTE TO DESIGNER:**

WHEN USING THIS STANDARD THE DESIGNER SHOULD ALSO CHECK BDE SPECIAL PROVISION 419 "PRECAST CONCRETE PRODUCTS".

REVISIONS			
REDRAWN	2-15-89	REVISED	3-26-08
REVISED	8-15-94	REVISED	
REVISED	1-19-99	REVISED	
STD.	9-1	REVISED	5-6-04
		REVISED	

FILE NAME =	USER NAME = KNOPEN	DESIGNED -	REVISED -
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Default	PLOT DATE = 3/22/2017	CHECKED -	REVISED -
		DATE -	REVISED -

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**DETAIL: INLETS TO BE RECONSTRUCTED AND  
INLET SPECIAL, TYPE 3, 3' & 6' FEET**

SCALE: SHEET OF SHEETS STA. TO STA.

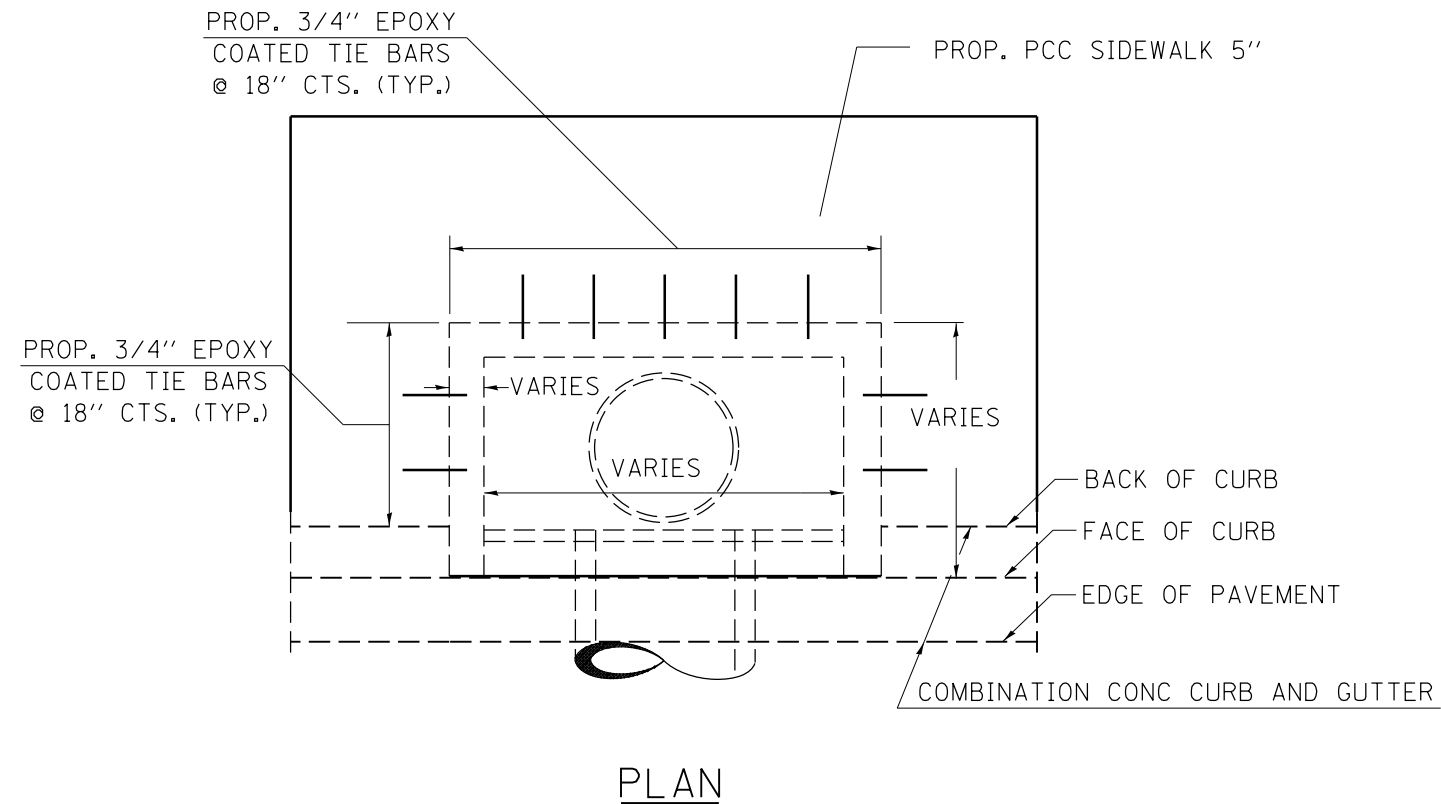
F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
24	(64-3)I-3	MASSAC	34	32
CONTRACT NO. 78569				
ILLINOIS FED. AID PROJECT				

• FAU 9760 (US 45)



## TIE BARS FOR PROPOSED SIDEWALK AND EXISTING INLETS DETAIL

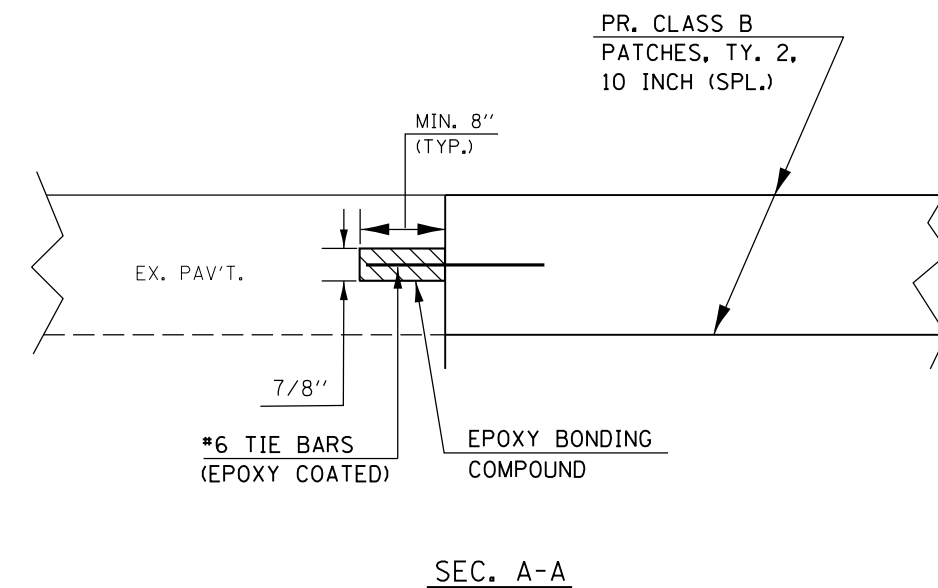
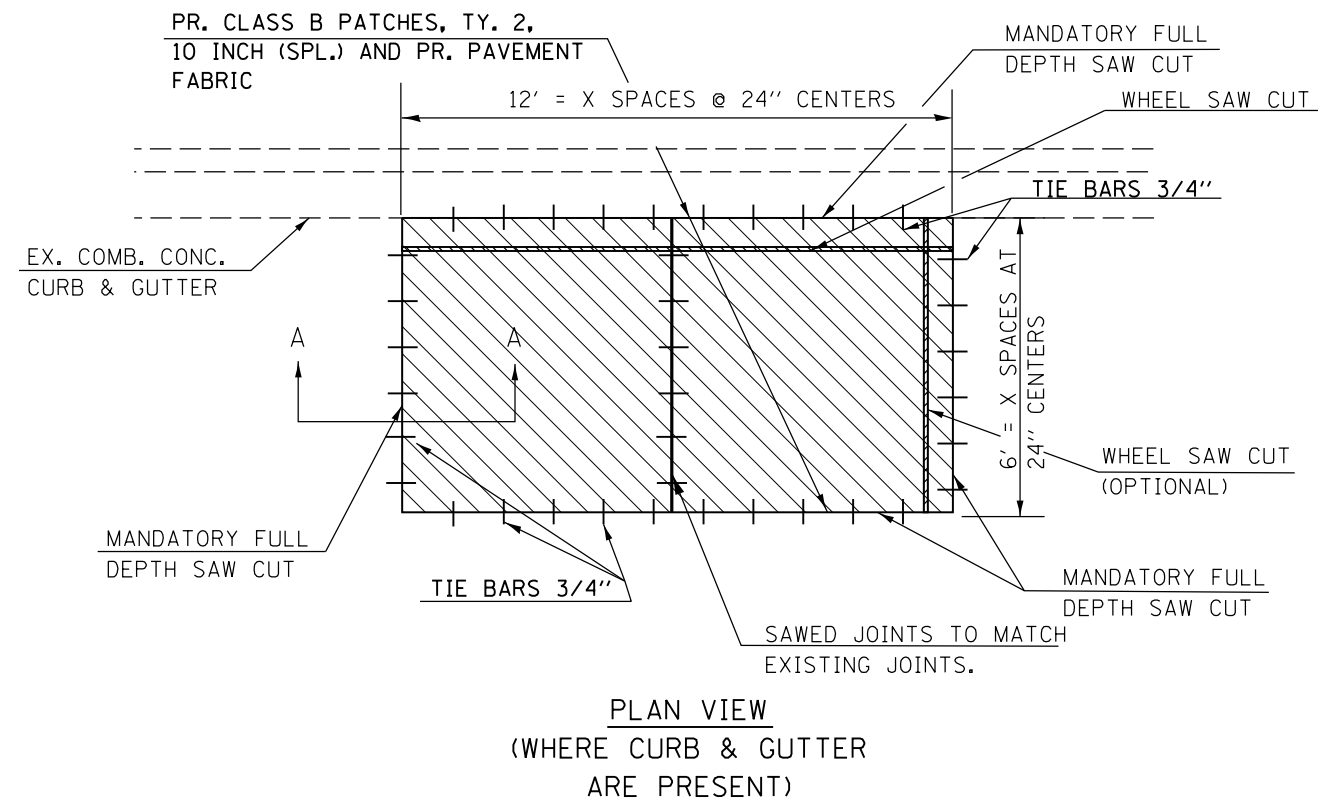
(NOT TO SCALE)



**NOTE:**

TIE NEW SIDEWALK TO INLETS WITH 3/4" EPOXY COATED TIE BARS AT 18" CENTERS. THE TIE BARS SHALL BE GROUTED IN PLACE.

## DETAIL FOR CLASS B PATCHING, TYPE 2, 10" (SPECIAL)



**NOTES**

NOTE 1: SEE SPECIAL PROVISIONS FOR INFORMATION ON CONSTRUCTION & PAYMENT OF CLASS B PATCHES, TY. 2, 10 INCH (SPECIAL).

NOTE 2: PATCHES SHALL HAVE FULL DEPTH SAWCUT JOINTS EVERY 20' OR AS DIRECTED BY THE ENGINEER.

FILE NAME =	USER NAME = KNOPEN	DESIGNED -	REVISED -
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**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

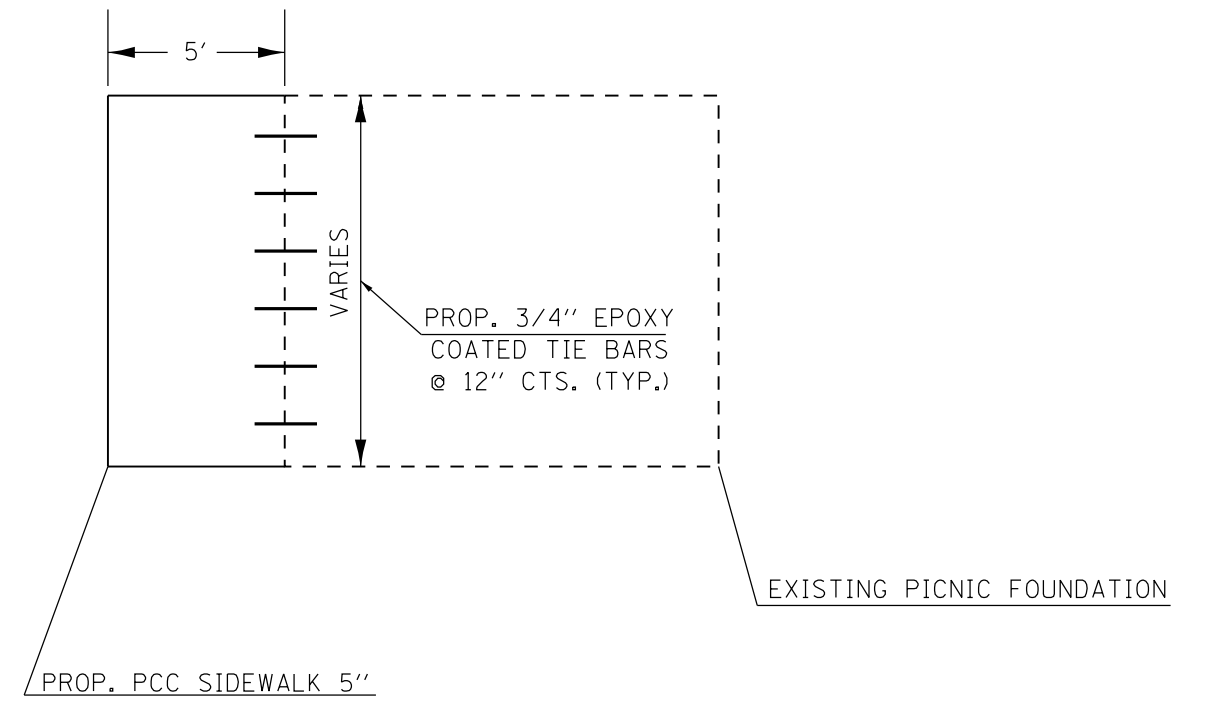
**TIE BAR DETAIL  
CLASS B PATCH (SPECIAL) DETAIL**

SCALE: SHEET OF SHEETS STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
24	(64-3)1-3	MASSAC	34	33
CONTRACT NO. 78569				
ILLINOIS FED. AID PROJECT				

**TIE BARS FOR PROPOSED SIDEWALK AND  
EXISTING PICNIC TABLE FOUNDATIONS**

(NOT TO SCALE)



FILE NAME =	USER NAME = KNOPEN	DESIGNED -	REVISED -
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	PLOT DATE = 3/22/2017	DATE -	REVISED -

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**PICNIC TABLE DETAIL**

SCALE: SHEET OF SHEETS STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
24	(64-3)1-3	MASSAC	34	34
ILLINOIS FED. AID PROJECT			CONTRACT NO. 78569	