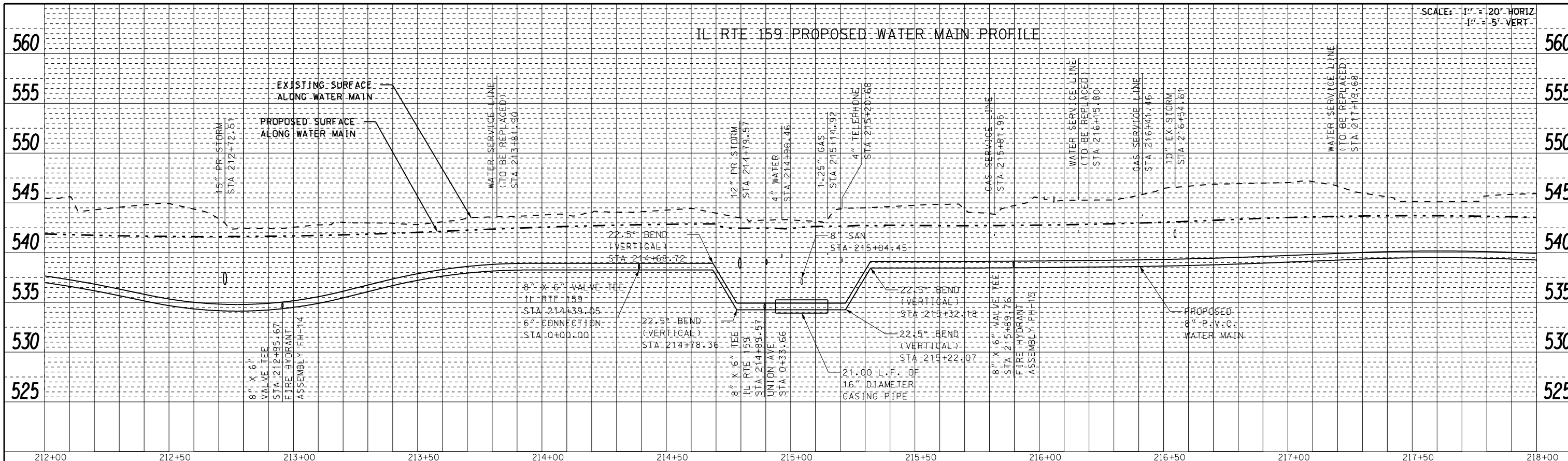
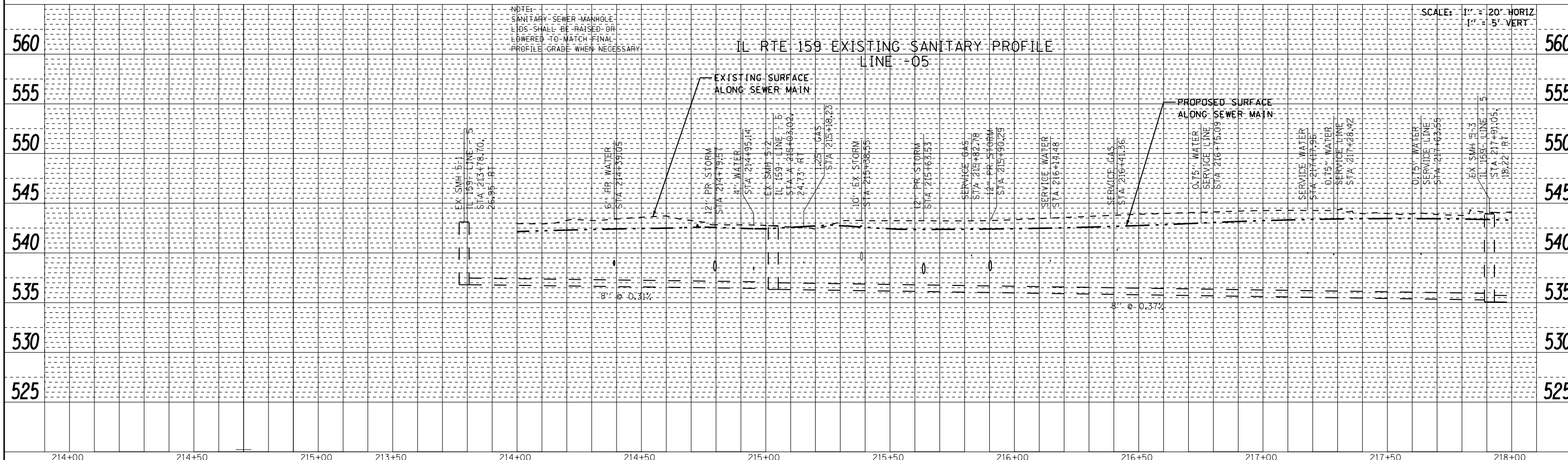


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	PLOTTED	BY
	NOTE BOOK	
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	CHECKED	
	FILE NAME	

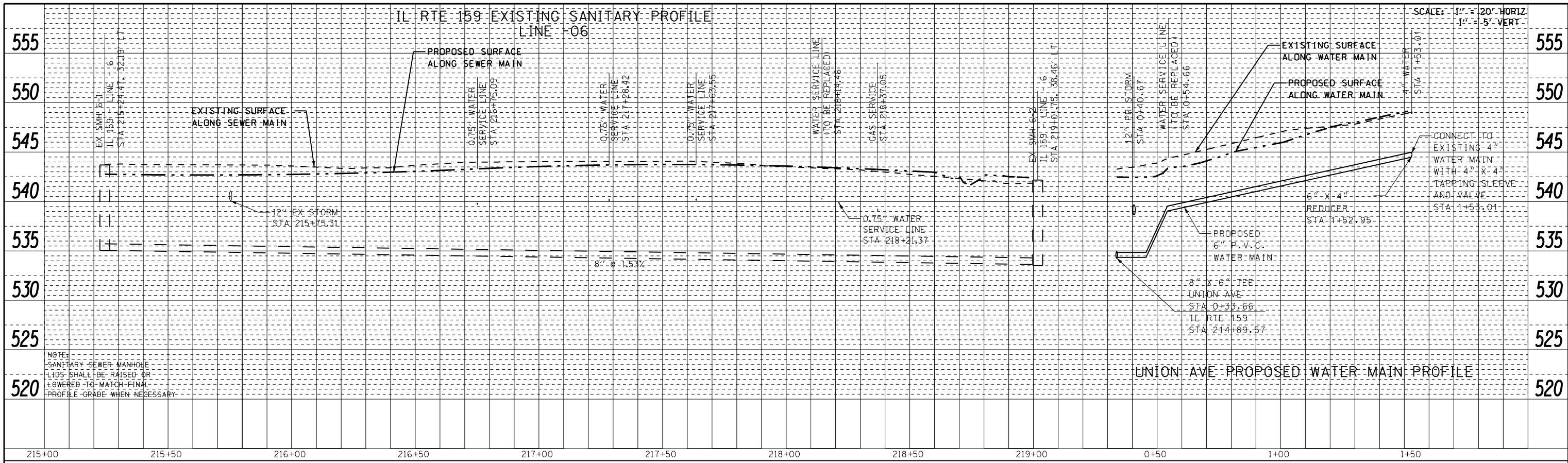


PROFILE	SURVEYED	DATE
	PLOTTED	BY
	GRADES CHECKED	
	STRUCTURE	
	NOTATRS CHKD	
	NO.	

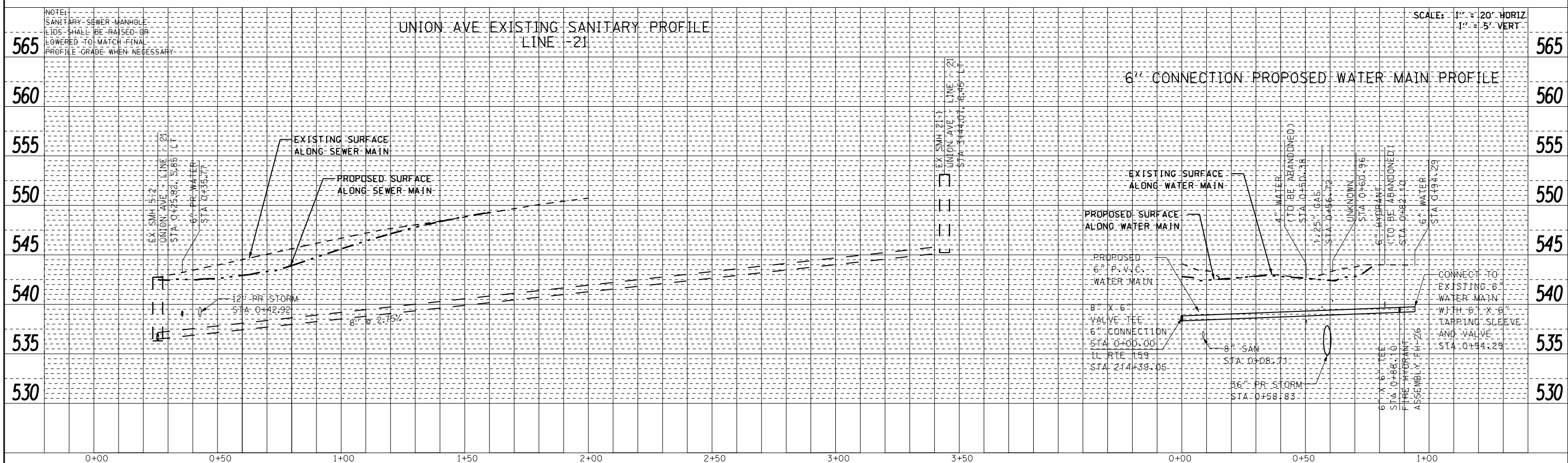


FILE NAME =	USER NAME = default	DESIGNED - DRH	REVISED -	<b>STATE OF ILLINOIS</b> <b>DEPARTMENT OF TRANSPORTATION</b>	<b>DRAINAGE AND UTILITY PROFILE</b> <b>IL ROUTE 159</b>	F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
P:\Projects\513501\CADD\DCN\0876885-shd-drain.dgn		DRAWN - DRH	REVISED -			600	60-(30,31,128)-3	MADISON	529	201
PLOT SCALE = 40.0000' / in.		CHECKED - VAM	REVISED -			CONTRACT NO. 76885				
PLOT DATE = 3/5/2013		DATE - 01/25/2013	REVISED -			ILLINOIS FED. AID PROJECT				

PLAN	SURVEYED	DATE
	PLOTTED	
	GRADES CHECKED	
	ALIGNMENT CHECKED	
	STRUCTURE NOTATIONS CHECKED	
	CARD FILE NAME	
	NO.	



PROFILE	SURVEYED	DATE
	PLOTTED	
	GRADES CHECKED	
	ALIGNMENT CHECKED	
	STRUCTURE NOTATIONS CHECKED	
	CARD FILE NAME	
	NO.	



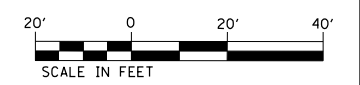
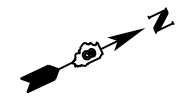
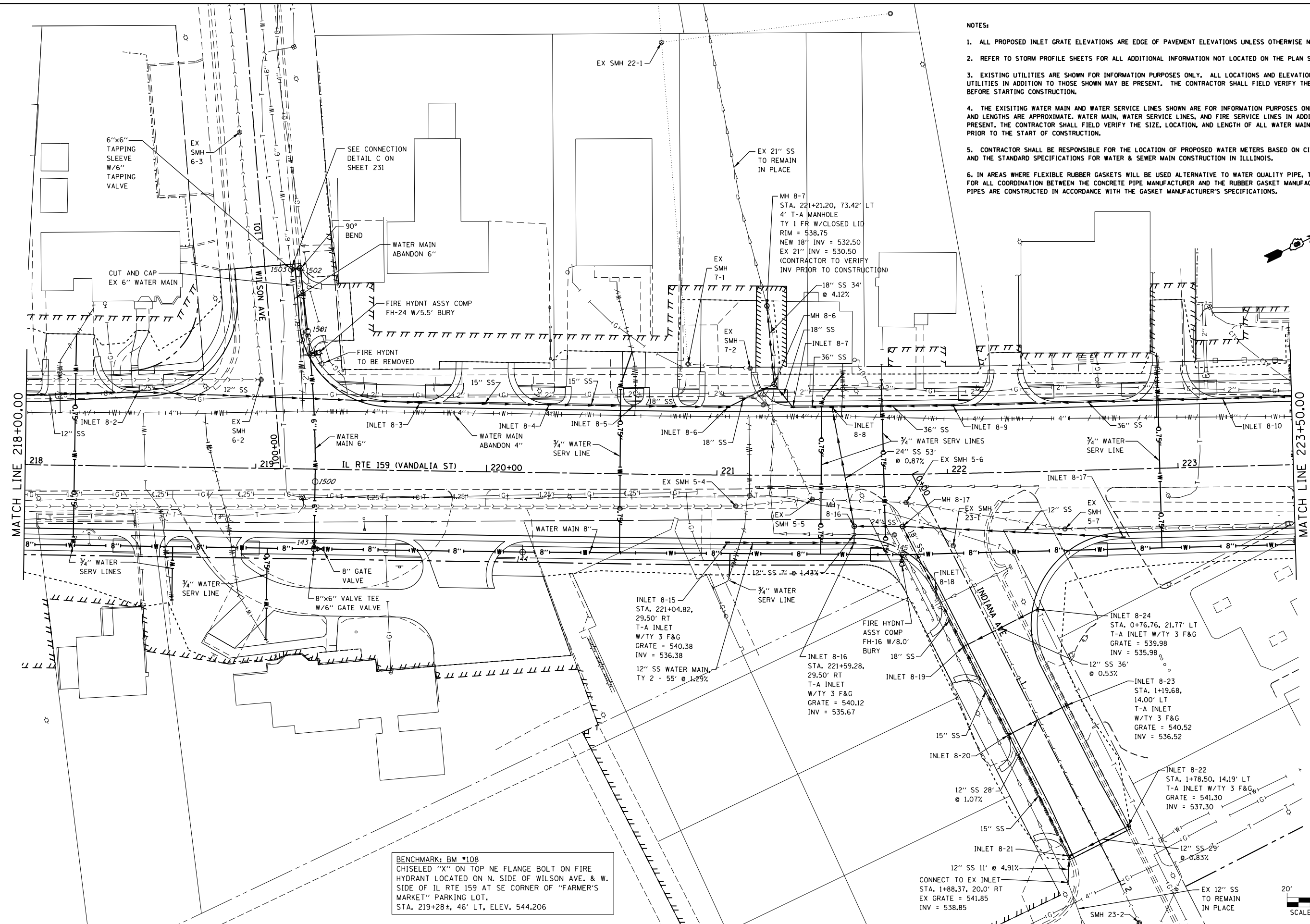
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P:\Projects\513501\CADD\00\0876B85-sht-drain.dgn		DRAWN - DRH	REVISED -
		CHECKED - VAM	REVISED -
		DATE - 01/25/2013	REVISED -

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

<b>DRAINAGE AND UTILITY PROFILE</b>	
<b>IL ROUTE 159 &amp; UNION AVE</b>	
SCALE: N/A	SHEET NO. 49 OF 73 SHEETS
STA.	TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
600	60-(30,31,128)-3	MADISON	529	202
CONTRACT NO. 76B85				
ILLINOIS FED. AID PROJECT				

- NOTES:
1. ALL PROPOSED INLET GRATE ELEVATIONS ARE EDGE OF PAVEMENT ELEVATIONS UNLESS OTHERWISE NOTED.
  2. REFER TO STORM PROFILE SHEETS FOR ALL ADDITIONAL INFORMATION NOT LOCATED ON THE PLAN SHEET.
  3. EXISTING UTILITIES ARE SHOWN FOR INFORMATION PURPOSES ONLY. ALL LOCATIONS AND ELEVATIONS ARE APPROXIMATE. UTILITIES IN ADDITION TO THOSE SHOWN MAY BE PRESENT. THE CONTRACTOR SHALL FIELD VERIFY THE LOCATION OF ALL UTILITIES BEFORE STARTING CONSTRUCTION.
  4. THE EXISTING WATER MAIN AND WATER SERVICE LINES SHOWN ARE FOR INFORMATION PURPOSES ONLY. ALL SIZES, LOCATIONS, AND LENGTHS ARE APPROXIMATE. WATER MAIN, WATER SERVICE LINES, AND FIRE SERVICE LINES IN ADDITION TO THOSE SHOWN MAY BE PRESENT. THE CONTRACTOR SHALL FIELD VERIFY THE SIZE, LOCATION, AND LENGTH OF ALL WATER MAIN AND WATER SERVICE LINES PRIOR TO THE START OF CONSTRUCTION.
  5. CONTRACTOR SHALL BE RESPONSIBLE FOR THE LOCATION OF PROPOSED WATER METERS BASED ON CITY OF COLLINSVILLE REGULATIONS AND THE STANDARD SPECIFICATIONS FOR WATER & SEWER MAIN CONSTRUCTION IN ILLINOIS.
  6. IN AREAS WHERE FLEXIBLE RUBBER GASKETS WILL BE USED ALTERNATIVE TO WATER QUALITY PIPE, THE CONTRACTOR WILL BE RESPONSIBLE FOR ALL COORDINATION BETWEEN THE CONCRETE PIPE MANUFACTURER AND THE RUBBER GASKET MANUFACTURER TO ENSURE THE CONCRETE PIPES ARE CONSTRUCTED IN ACCORDANCE WITH THE GASKET MANUFACTURER'S SPECIFICATIONS.



**BENCHMARK: BM #108**  
 CHISELED "X" ON TOP NE FLANGE BOLT ON FIRE HYDRANT LOCATED ON N. SIDE OF WILSON AVE. & W. SIDE OF IL RTE 159 AT SE CORNER OF "FARMER'S MARKET" PARKING LOT.  
 STA. 219+28.4, 46' LT, ELEV. 544.206

FILE NAME =	USER NAME = default	DESIGNED - DRH	REVISED -
P:\Projects\513501\CADD\DN\0876885-shd.dwg		DRAWN - DRH	REVISED -
		CHECKED - VAM	REVISED -
		DATE - 01/25/2013	REVISED -

**STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION**

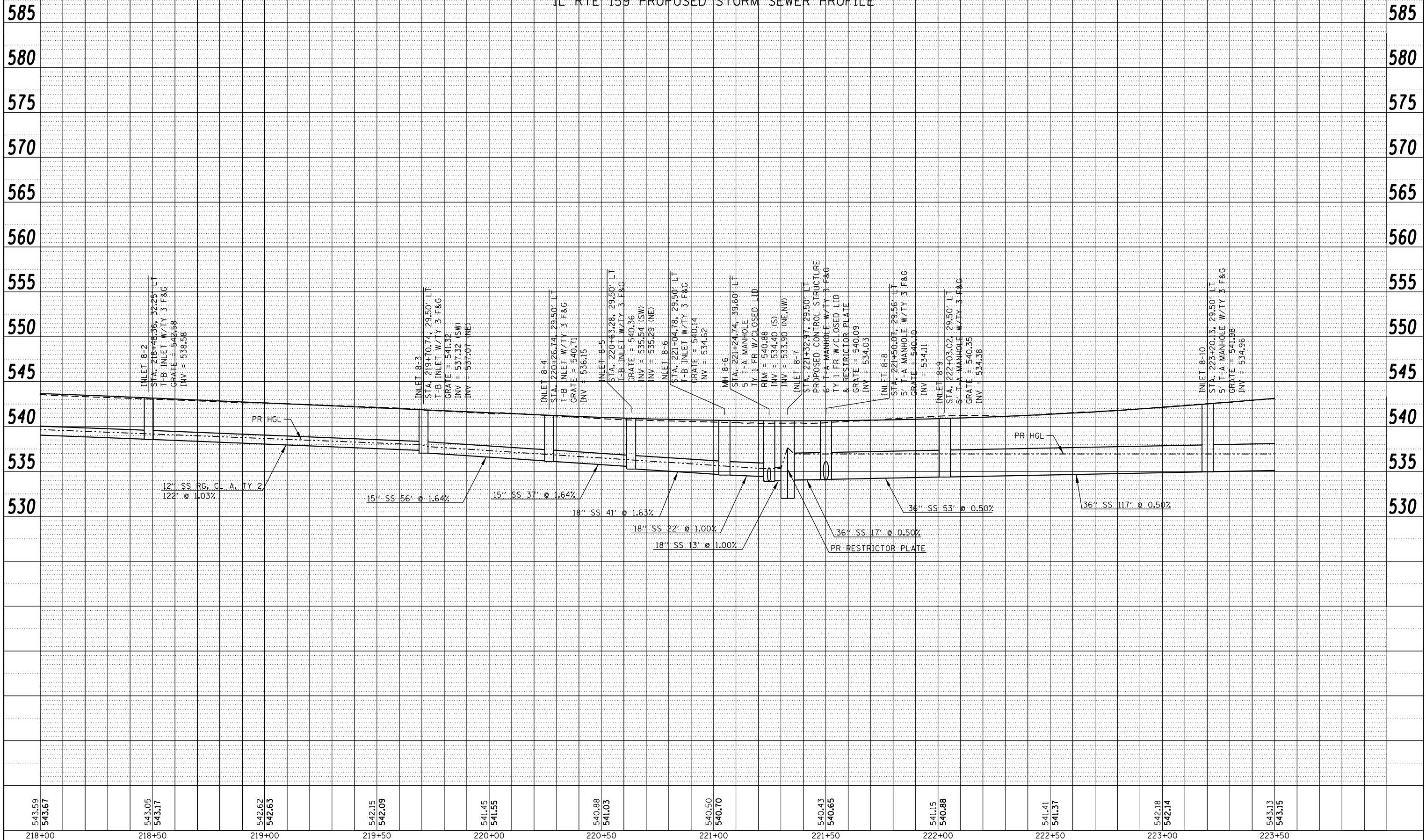
**DRAINAGE AND UTILITY PLAN  
 IL ROUTE 159**

SCALE: 1" = 20'    SHEET NO. 50 OF 73 SHEETS    STA. 218+00.00 TO STA. 223+50.00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
600	60-(30,31,128)-3	MADISON	529	203
CONTRACT NO. 76B85				
ILLINOIS FED. AID PROJECT				

IL RTE 159 PROPOSED STORM SEWER PROFILE

SCALE: 1" = 20' HORIZ  
1" = 5' VERT



PLAN	SURVEYED	BY	DATE
	PLOTTED		
	ALIGNMENT CHECKED		
	NOTE BOOK NO.		
	CARD FILE NAME		

PROFILE	SURVEYED	BY	DATE
	GRADES CHECKED		
	STRUCTURE NOTATIONS CHECKED		
	NOTE BOOK NO.		
	STRUCTURE		

543.59	543.67	543.05	543.17	542.62	542.63	542.15	542.09	541.45	541.55	540.88	541.03	540.50	540.70	540.43	540.65	541.15	540.88	541.41	541.37	542.18	542.14	543.13	543.15
218+00		218+50		219+00		219+50		220+00		220+50		221+00		221+50		222+00		222+50		223+00		223+50	

FILE NAME =	USER NAME = default	DESIGNED - DRH	REVISED -
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		CHECKED - VAM	REVISED -
		DATE - 01/25/2013	REVISED -

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

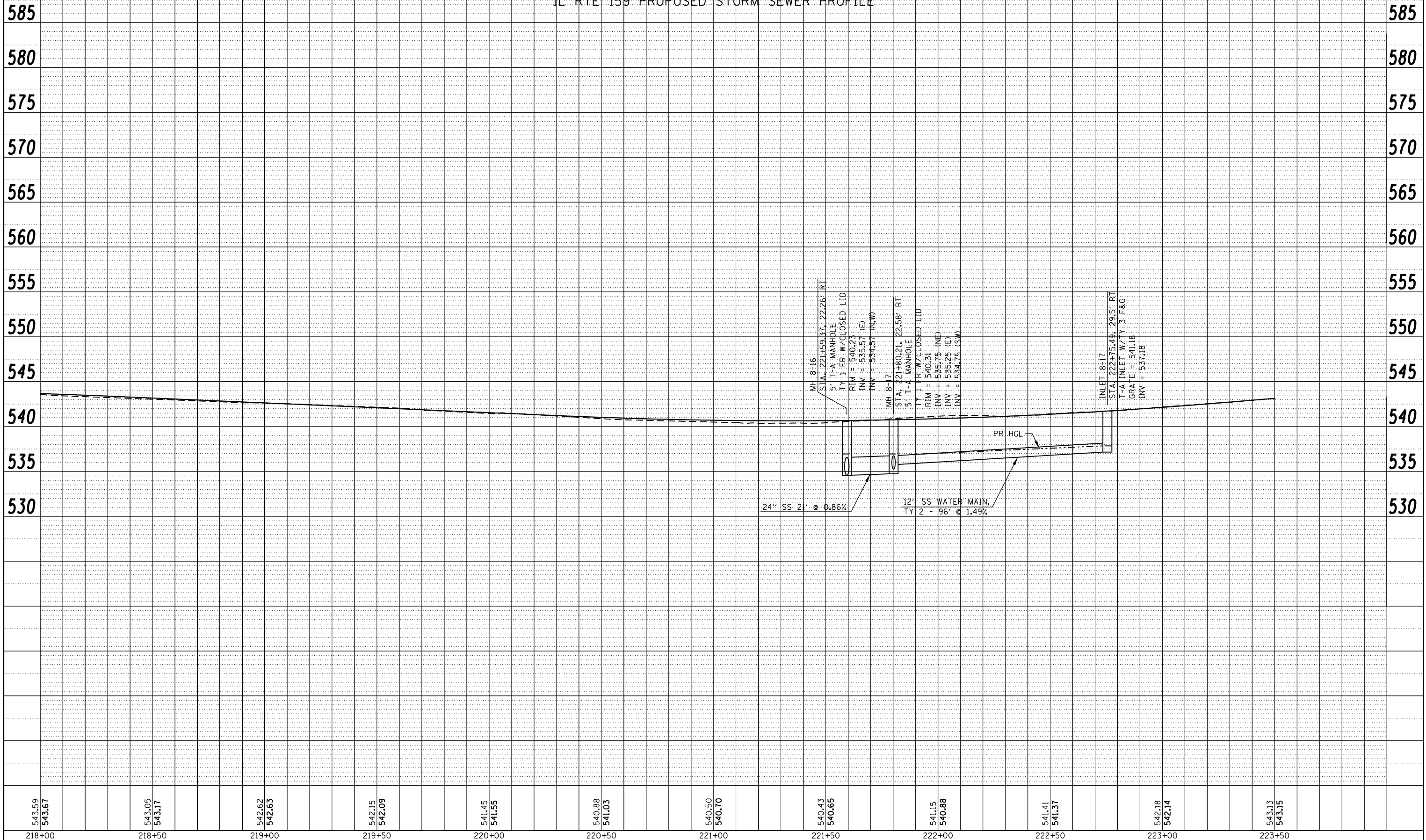
DRAINAGE AND UTILITY PROFILE  
IL ROUTE 159

SCALE: N/A SHEET NO. 51 OF 73 SHEETS STA. 218+00.00 TO STA. 223+50.00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
600	60-(30,31,128)-3	MADISON	529	204
CONTRACT NO. 76885				
ILLINOIS FED. AID PROJECT				

IL RTE 159 PROPOSED STORM SEWER PROFILE

SCALE: 1" = 20' HORIZ  
1" = 5' VERT



PLAN	SURVEYED	DATE
	PLOTTED	
	ALIGNMENT CHECKED	
	STRUCTURE CHECKED	
	CADD FILE NAME	
	NO.	

PROFILE	SURVEYED	DATE
	PLOTTED	
	GRADES CHECKED	
	STRUCTURE NOT AT THIS OFFICE	
	NO.	

543.59	543.67	543.05	543.17	542.62	542.63	542.15	542.09	541.45	541.55	540.88	541.03	540.50	540.70	540.43	540.65	541.15	540.88	541.41	541.37	542.18	542.14	543.13	543.15
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FILE NAME =	USER NAME = default	DESIGNED - DRH	REVISED -
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PLOT SCALE = 40.0000' / in.		CHECKED - VAM	REVISED -
PLOT DATE = 2/1/2013		DATE - 01/25/2013	REVISED -

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

DRAINAGE AND UTILITY PROFILE  
IL ROUTE 159

SCALE: N/A SHEET NO. 52 OF 73 SHEETS STA. 218+00.00 TO STA. 223+50.00

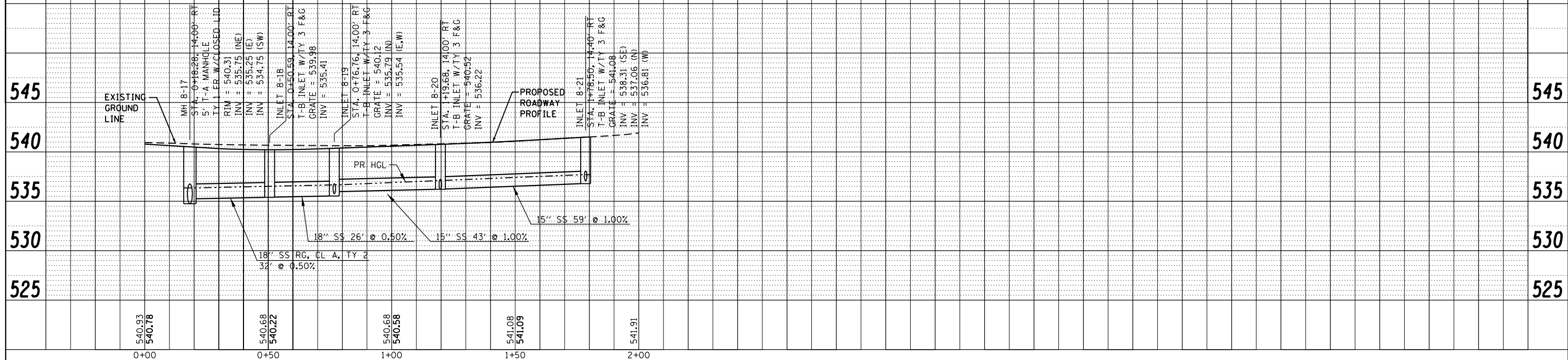
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
600	60-(30,31,128)-3	MADISON	529	205
CONTRACT NO. 76B85				
ILLINOIS FED. AID PROJECT				

SCALE: 1" = 20' HORIZ  
1" = 5' VERT

PLAN	SURVEYED	BY	DATE
	PLOTTED		
	ALIGNED		
	CHECKED		
	NO. _____		
	CARD FILE NAME		

PROFILE	SURVEYED	BY	DATE
	PLOTTED		
	GRADES CHECKED		
	STRUCTURE NOTATIONS CHECKED		
	NO. _____		

INDIANA AVE PROPOSED STORM SEWER PROFILE



FILE NAME =	USER NAME = default	DESIGNED - DRH	REVISED -
P:\Projects\513501\CADD\DCN\0876885-shd-drain.dgn		DRAWN - DRH	REVISED -
PLOT SCALE = 40.0000' / in.		CHECKED - VAM	REVISED -
PLOT DATE = 2/1/2013		DATE - 01/25/2013	REVISED -

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

DRAINAGE AND UTILITY PROFILE  
INDIANA AVE

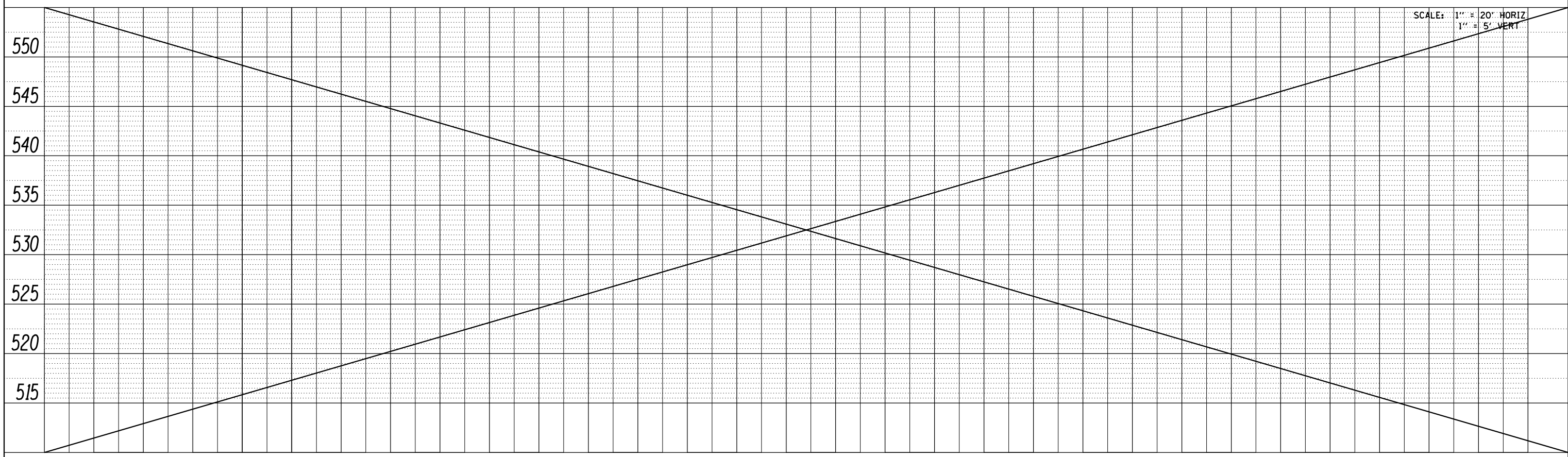
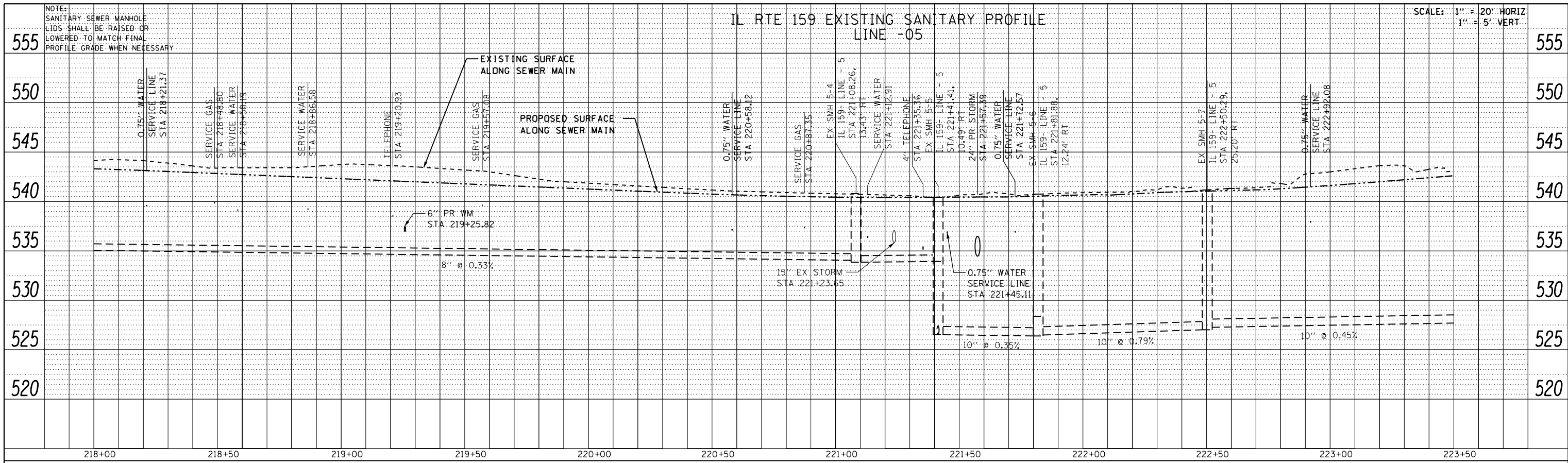
SCALE: N/A SHEET NO. 53 OF 73 SHEETS STA. 0+00.00 TO STA. 2+00.00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
600	60-(30,31,128)-3	MADISON	529	206
CONTRACT NO. 76885				
ILLINOIS FED. AID PROJECT				



PLAN	SURVEYED	DATE
	PLOTTED	
	ALIGNED	
	CHECKED	
	FILED	
	CARD FILE NAME	
	NO.	

PROFILE	SURVEYED	DATE
	PLOTTED	
	GRADES CHECKED	
	STRUCTURE NOTATIONS CHECKED	
	NO.	



FILE NAME =	USER NAME = default	DESIGNED - DRH	REVISED -
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		CHECKED - VAM	REVISED -
		DATE - 01/25/2013	REVISED -

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

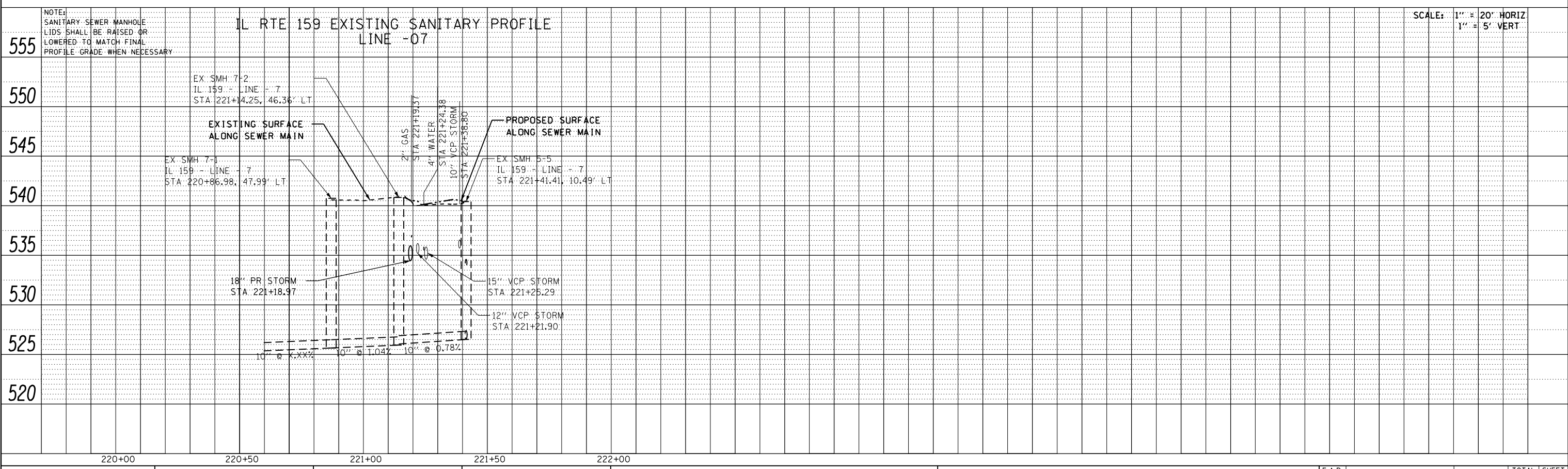
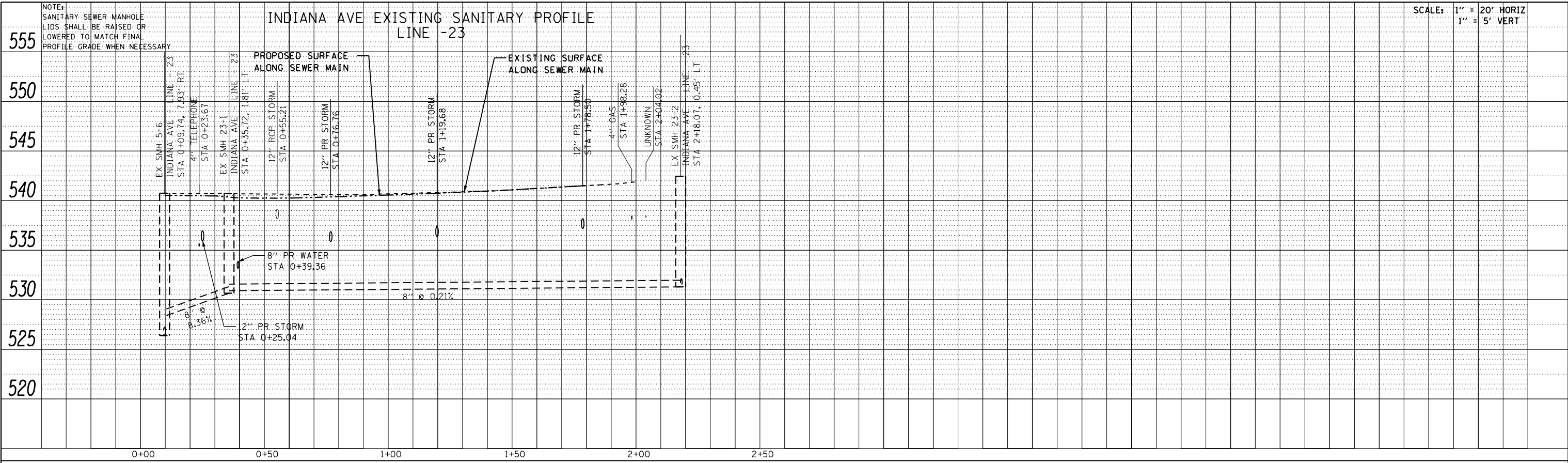
<b>DRAINAGE AND UTILITY PROFILE</b>		
<b>IL ROUTE 159</b>		
SCALE: N/A	SHEET NO. 55 OF 73 SHEETS	STA. 218+00.00 TO STA. 223+50.00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
600	60-(30,31,128)-3	MADISON	529	208
CONTRACT NO. 76885				
ILLINOIS FED. AID PROJECT				



PLAN	SURVEYED	DATE
	PLOTTED	BY
	GRADES CHECKED	
	STRUCTURE NOTATIONS OK'D	
	NO. _____	

PROFILE	SURVEYED	DATE
	PLOTTED	BY
	GRADES CHECKED	
	STRUCTURE NOTATIONS OK'D	
	NO. _____	



FILE NAME =	USER NAME = default	DESIGNED - DRH	REVISED -
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PLOT DATE = 2/1/2013		DATE - 01/25/2013	REVISED -

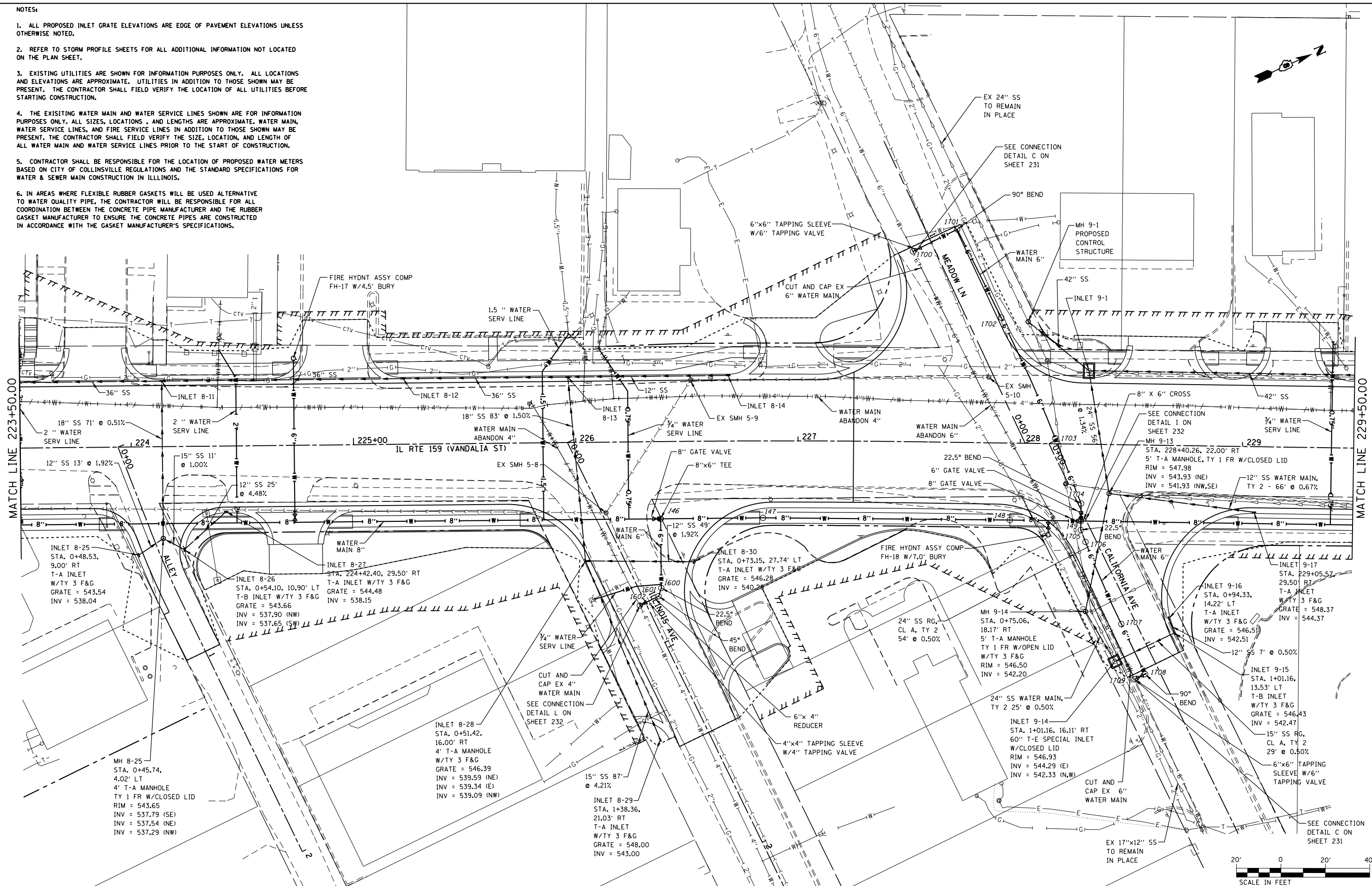
**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

DRAINAGE AND UTILITY PROFILE	
IL ROUTE 159 & INDIANA AVE	
SCALE: N/A	SHEET NO. 56 OF 73 SHEETS
STA.	TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
600	60-(30,31,128)-3	MADISON	529	209
CONTRACT NO. 76885				
ILLINOIS FED. AID PROJECT				

NOTES:

1. ALL PROPOSED INLET GRATE ELEVATIONS ARE EDGE OF PAVEMENT ELEVATIONS UNLESS OTHERWISE NOTED.
2. REFER TO STORM PROFILE SHEETS FOR ALL ADDITIONAL INFORMATION NOT LOCATED ON THE PLAN SHEET.
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FILE NAME =	USER NAME = default	DESIGNED - DRH	REVISED -
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		DATE - 01/25/2013	REVISED -

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

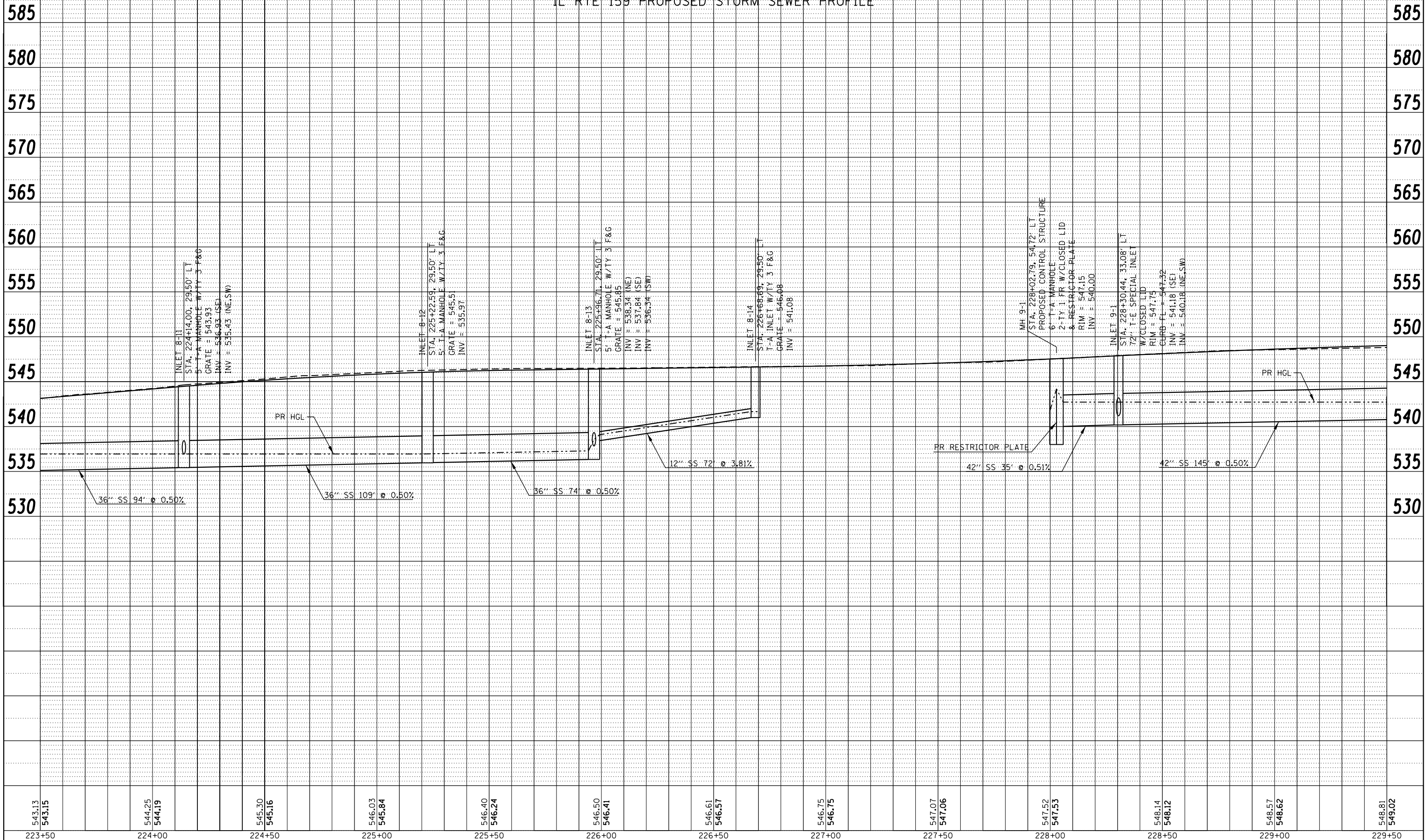
DRAINAGE AND UTILITY PLAN  
IL ROUTE 159

SCALE: 1" = 20' SHEET NO. 57 OF 73 SHEETS STA. 223+50.00 TO STA. 229+50.00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
600	60-(30,31,128)-3	MADISON	529	210
CONTRACT NO.				
ILLINOIS FED. AID PROJECT				

IL RTE 159 PROPOSED STORM SEWER PROFILE

SCALE: 1" = 20' HORIZ  
1" = 5' VERT



PLAN	SURVEYED	BY	DATE
	PLOTTED		
	GRADES CHECKED		
	STRUCTURE NOTED		
	NOTE BOOK NO.		
	FILE NAME		

PROFILE	SURVEYED	BY	DATE
	PLOTTED		
	GRADES CHECKED		
	STRUCTURE NOTED		
	NOTE BOOK NO.		
	FILE NAME		

543.13	543.15	544.25	544.19	545.30	545.16	546.03	545.84	546.40	546.24	546.50	546.41	546.61	546.57	546.75	546.75	547.07	547.06	547.52	547.53	548.14	548.12	548.57	548.62	548.81	549.02
223+50		224+00		224+50		225+00		225+50		226+00		226+50		227+00		227+50		228+00		228+50		229+00		229+50	

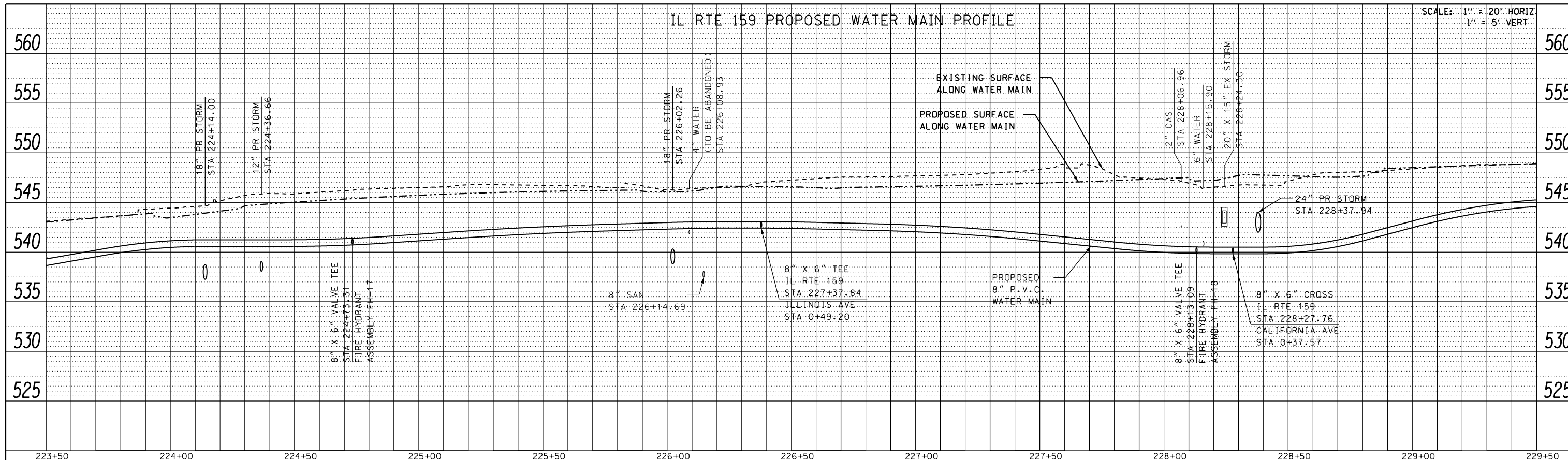
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		CHECKED - VAM	REVISED -
		DATE - 01/25/2013	REVISED -

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

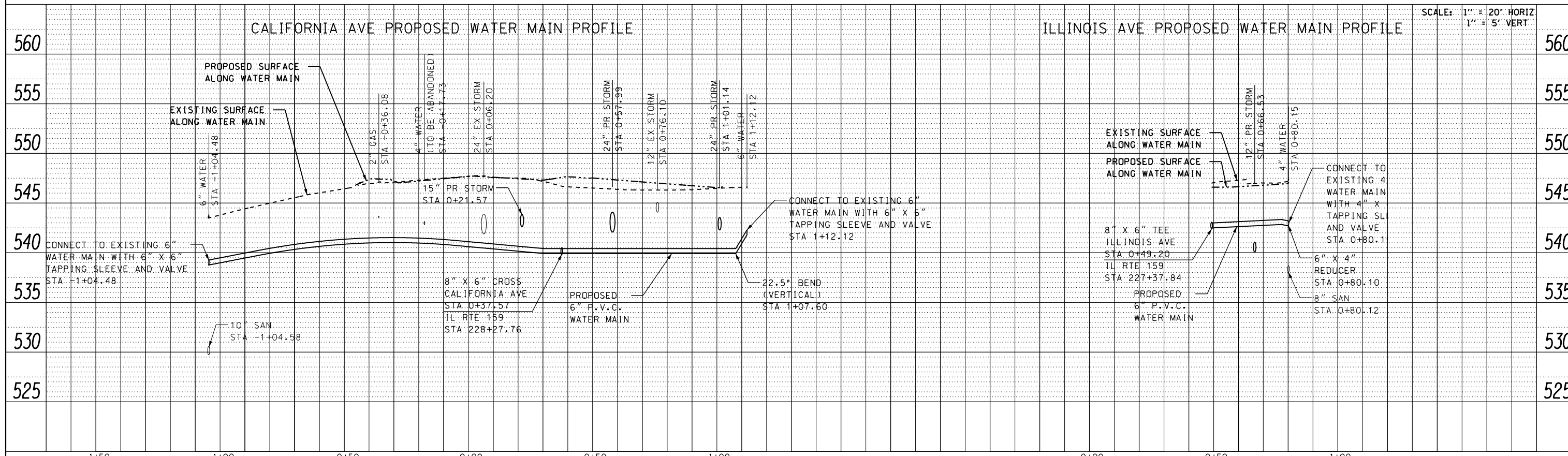
DRAINAGE AND UTILITY PROFILE		
IL ROUTE 159		
SCALE: N/A	SHEET NO. 58 OF 73 SHEETS	STA. 223+50.00 TO STA. 229+50.00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
600	60-(30,31,128)-3	MADISON	529	211
CONTRACT NO.				
ILLINOIS FED. AID PROJECT				

PLAN	SURVEYED	DATE
	PLOTTED	
	GRADES CHECKED	
	STRUCTURE NOTATIONS OK'D	
	NOTE BOOK NO.	
	CADD FILE NAME	



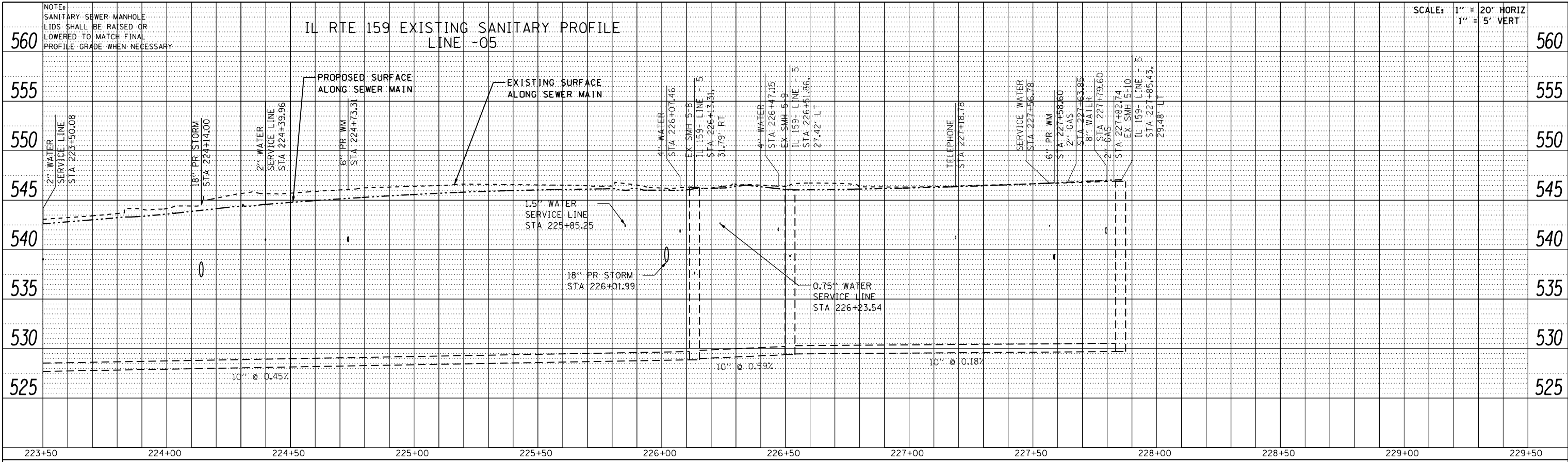
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	PLOTTED	
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	STRUCTURE NOTATIONS OK'D	
	NOTE BOOK NO.	
	CADD FILE NAME	



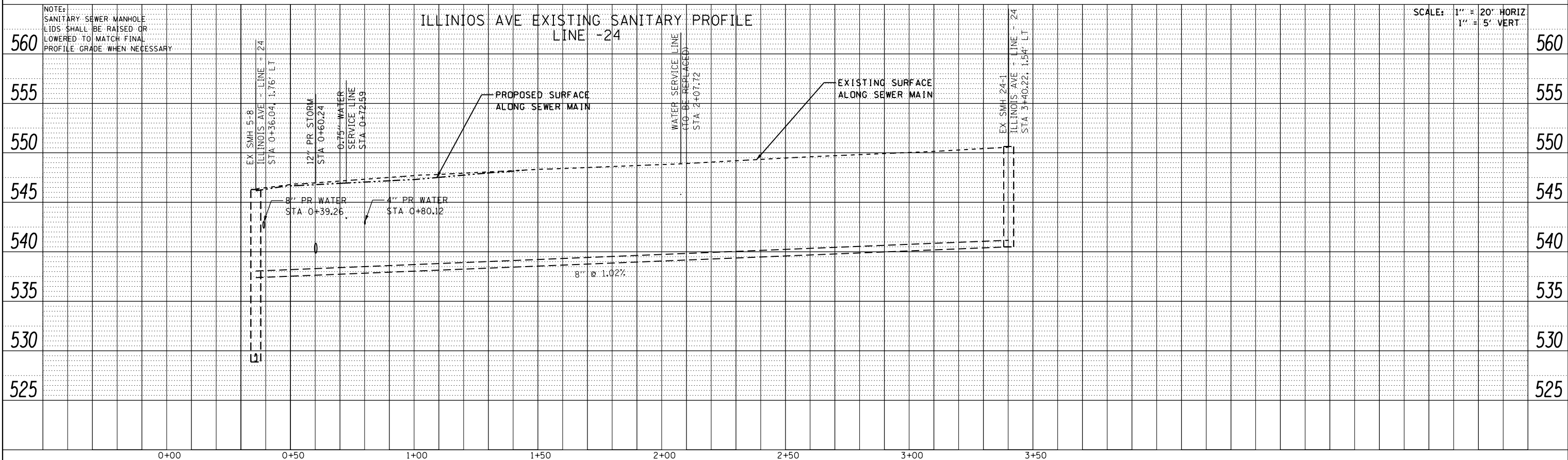
FILE NAME =	USER NAME = default	DESIGNED - DRH	REVISED -	<b>STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION</b>	<b>DRAINAGE AND UTILITY PROFILE IL ROUTE 159 &amp; CALIFORNIA AVE</b>	F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
P:\Projects\513501\CADD\DCN\0876885-shd-drain.dgn		DRAWN - DRH	REVISED -			600	60-(30,31,128)-3	MADISON	529	212
PLOT SCALE = 40.0000' / in.		CHECKED - VAM	REVISED -			CONTRACT NO. 76885				
PLOT DATE = 2/1/2013		DATE - 01/25/2013	REVISED -			ILLINOIS FED. AID PROJECT				

SCALE: N/A SHEET NO. 59 OF 73 SHEETS STA. TO STA.

PLAN	SURVEYED	DATE
	PLOTTED	
	GRADES CHECKED	
	STRUCTURE NOTATIONS CHECKED	
NOTE BOOK NO.	ALIGNED	
	CARD FILE NAME	



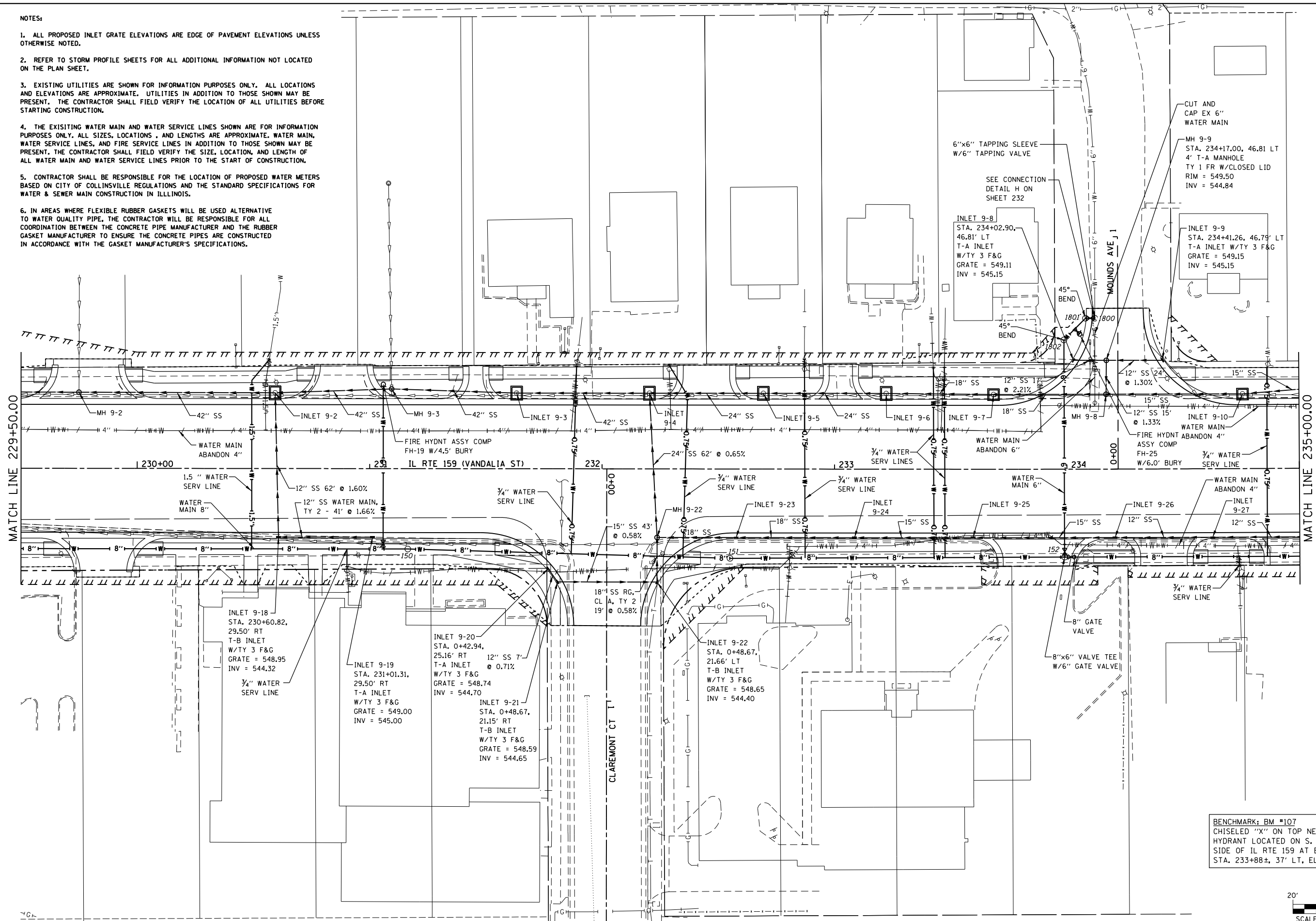
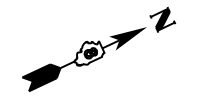
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	STRUCTURE NOTATIONS CHECKED	
NOTE BOOK NO.	ALIGNED	
	CARD FILE NAME	



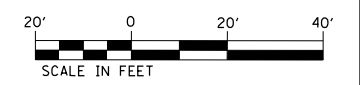
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P:\Projects\513501\CADD\DCN\0876885-shd-drain.dgn		DRAWN - DRH	REVISED -		SCALE: N/A	SHEET NO. 60 OF 73 SHEETS	STA.	TO STA.	CONTRACT NO. 76885			
PLOT SCALE = 40.0000' / in.		CHECKED - VAM	REVISED -		ILLINOIS FED. AID PROJECT							
PLOT DATE = 2/1/2013		DATE - 01/25/2013	REVISED -									

**NOTES:**

1. ALL PROPOSED INLET GRATE ELEVATIONS ARE EDGE OF PAVEMENT ELEVATIONS UNLESS OTHERWISE NOTED.
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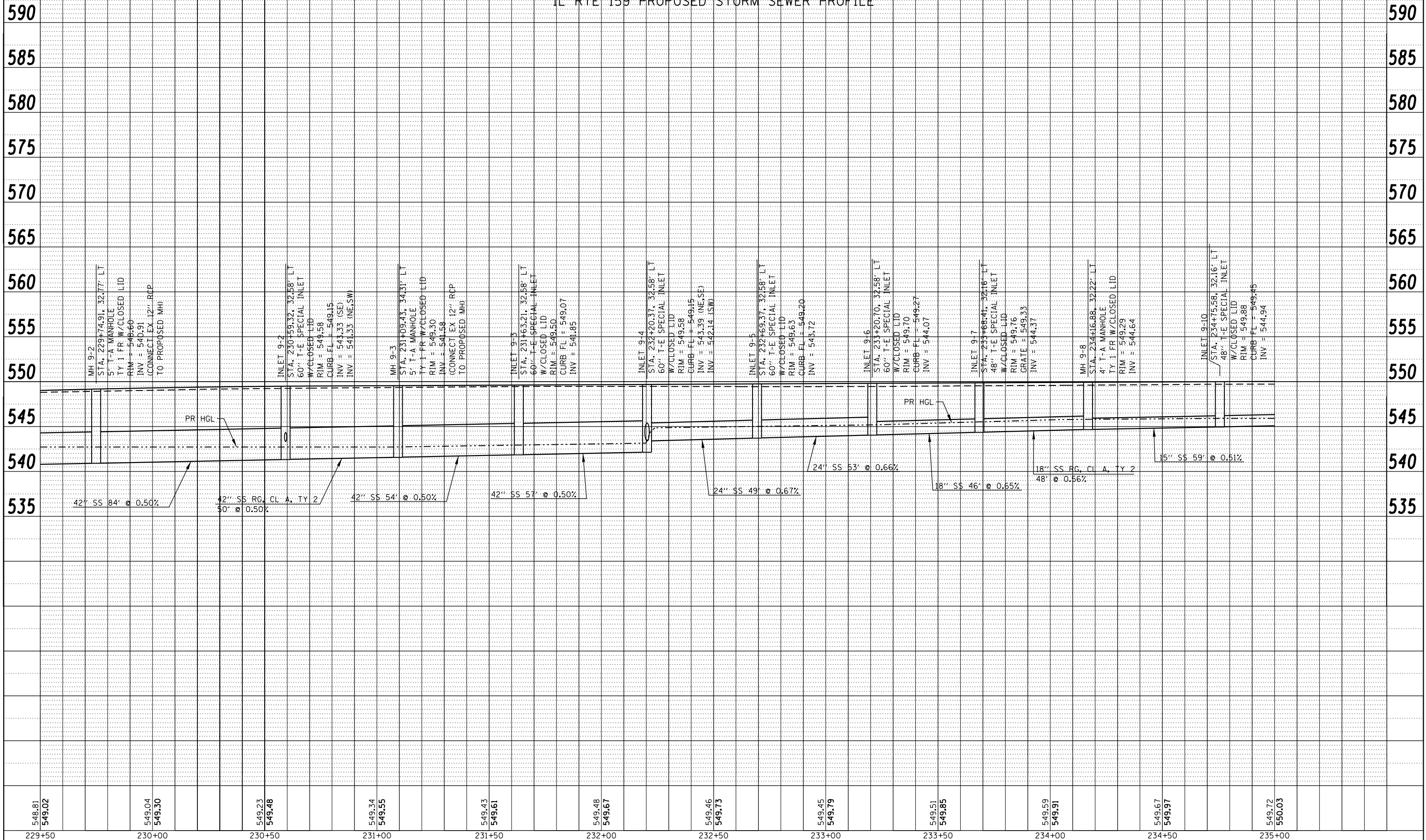
BENCHMARK: BM #107  
 CHISELED "X" ON TOP NE FLANGE BOLT ON FIRE HYDRANT LOCATED ON S. SIDE OF MOUNDS AVE. & W. SIDE OF IL RTE 159 AT BUILDING ADDRESSED #1509. STA. 233+88±, 37' LT. ELEV. 552.024



FILE NAME =	USER NAME = default	DESIGNED - DRH	REVISED -	<b>STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION</b>	<b>DRAINAGE AND UTILITY PLAN IL ROUTE 159</b>	F.A.P. R.T.E. = 600	SECTION = 60-(30,31,128)-3	COUNTY = MADISON	TOTAL SHEETS = 529	SHEET NO. = 214	
P:\Projects\513501\CADD\DN\0876885-shd.dwg	PLOT SCALE = 40.0000' / in.	CHECKED - VAM	REVISED -			SCALE: 1" = 20'	SHEET NO. 61 OF 73 SHEETS	STA. 229+50.00 TO STA. 235+00.00		CONTRACT NO. 76B85	
PLOT DATE = 2/1/2013	DATE = 01/25/2013	REVISED -	REVISED -			ILLINOIS FED. AID PROJECT					

IL RTE 159 PROPOSED STORM SEWER PROFILE

SCALE: 1" = 20' HORIZ  
1" = 5' VERT



PLAN	SURVEYED	BY	DATE
	PLOTTED		
	GRADES CHECKED		
	STRUCTURE NOTED		
	NO. _____		

PROFILE	SURVEYED	BY	DATE
	PLOTTED		
	GRADES CHECKED		
	STRUCTURE NOTED		
	NO. _____		

548.81	549.02	549.04	549.30	549.23	549.48	549.34	549.55	549.43	549.61	549.48	549.67	549.46	549.73	549.45	549.79	549.51	549.85	549.59	549.91	549.67	549.97	549.72	550.03	
229+50	230+00	230+50	231+00	231+50	232+00	232+50	233+00	233+50	234+00	234+50	235+00													

FILE NAME =	USER NAME = default	DESIGNED - DRH	REVISED -
P:\Projects\513501\CADD\DCN\0876885-shd-drain.dgn		DRAWN - DRH	REVISED -
		CHECKED - VAM	REVISED -
		DATE - 01/25/2013	REVISED -

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

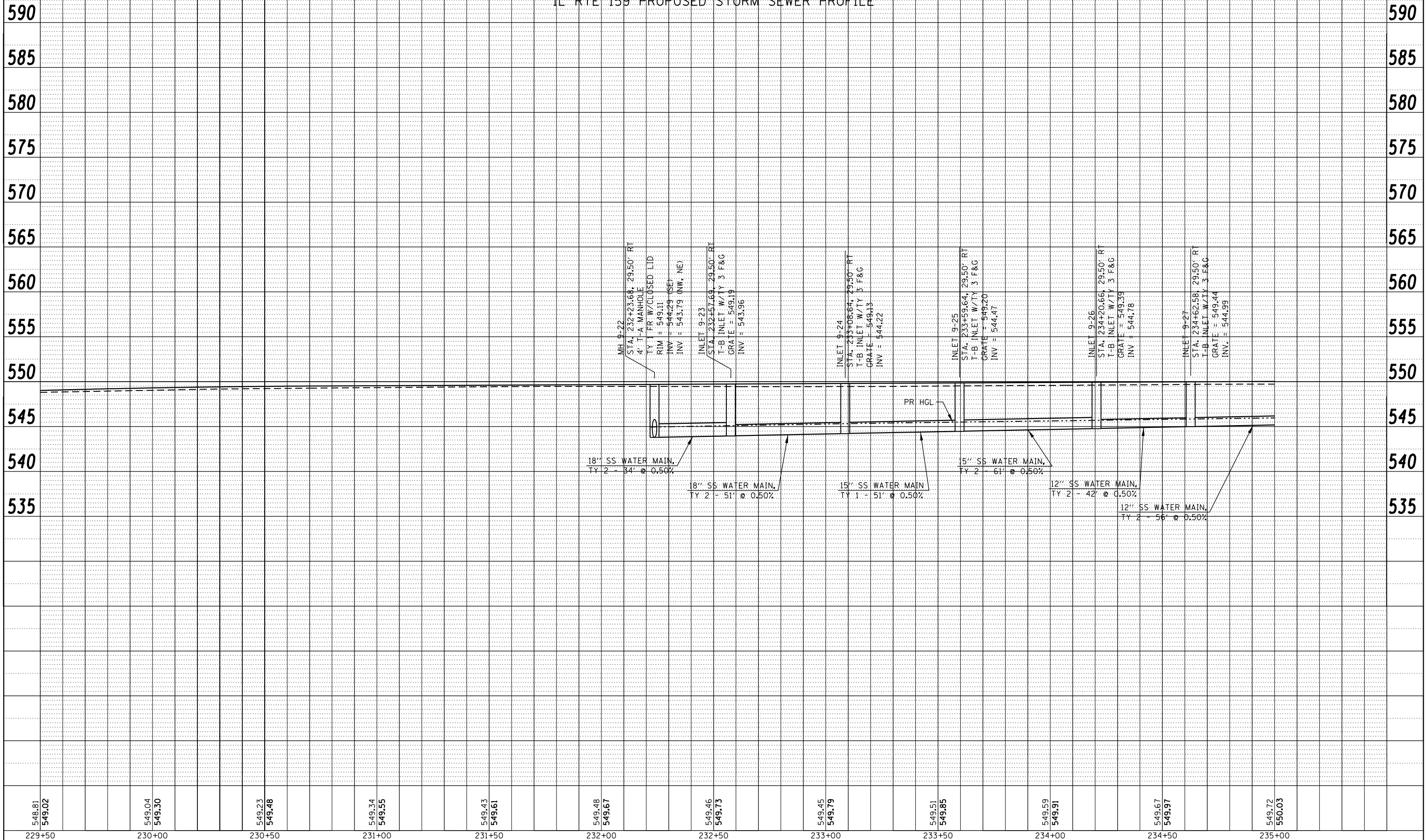
DRAINAGE AND UTILITY PROFILE  
IL ROUTE 159

SCALE: N/A SHEET NO. 62 OF 73 SHEETS STA. 229+50.00 TO STA. 235+00.00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
600	60-(30,31,128)-3	MADISON	529	215
CONTRACT NO. 76B85				
ILLINOIS FED. AID PROJECT				

IL RTE 159 PROPOSED STORM SEWER PROFILE

SCALE: 1" = 20' HORIZ  
1" = 5' VERT



PLAN	SURVEYED	BY	DATE
	PLOTTED		
	GRADES CHECKED		
	STRUCTURE NOTED		
	NO. _____		

PROFILE	SURVEYED	BY	DATE
	PLOTTED		
	GRADES CHECKED		
	STRUCTURE NOTED		
	NO. _____		

548.81 549.02	549.04 549.30	549.23 549.48	549.34 549.55	549.43 549.61	549.48 549.67	549.46 549.73	549.45 549.79	549.51 549.85	549.59 549.91	549.67 549.97	549.72 550.03
229+50	230+00	230+50	231+00	231+50	232+00	232+50	233+00	233+50	234+00	234+50	235+00

FILE NAME = P:\Projects\513501\CADD\DCN\0876885-shd-drain.dgn	USER NAME = default	DESIGNED - DRH	REVISED -
PLOT SCALE = 40.0000' / in.	CHECKED - VAM	DRAWN - DRH	REVISED -
PLOT DATE = 2/1/2013	DATE - 01/25/2013		REVISED -

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

DRAINAGE AND UTILITY PROFILE  
IL ROUTE 159

SCALE: N/A SHEET NO. 63 OF 73 SHEETS STA. 229+50.00 TO STA. 235+00.00

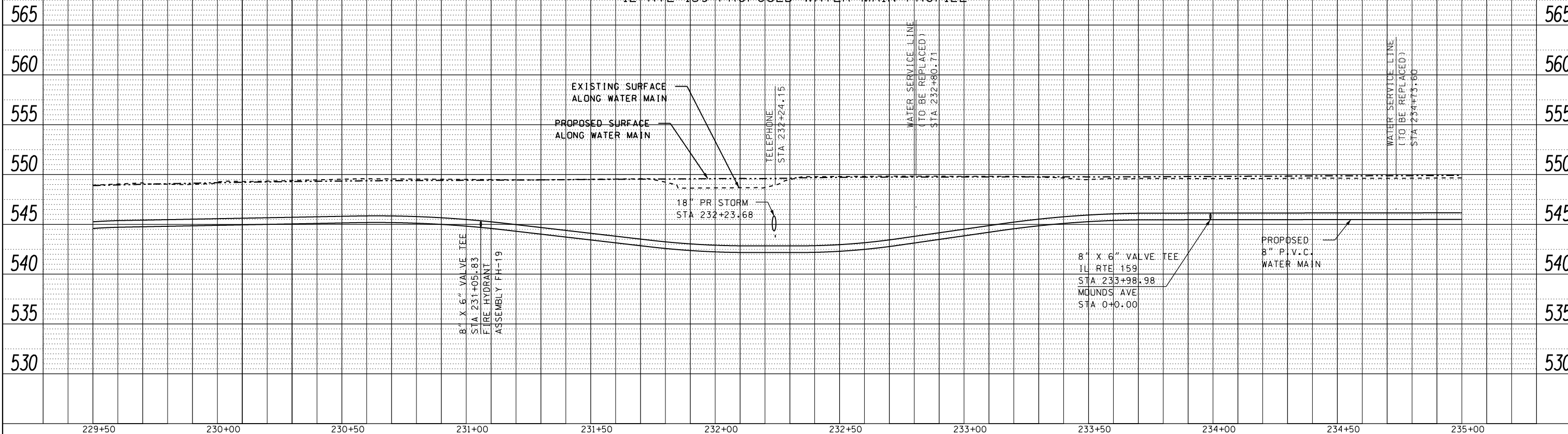
F.A.P. RTE. 600	SECTION 60-(30,31,128)-3	COUNTY MADISON	TOTAL SHEETS 529	SHEET NO. 216
CONTRACT NO. 76885			ILLINOIS FED. AID PROJECT	



PLAN	SURVEYED	DATE
	PLOTTED	
	GRADES CHECKED	
	STRUCTURE NOTATIONS CHECKED	
	NOTE BOOK NO.	
	CARD FILE NAME	

IL RTE 159 PROPOSED WATER MAIN PROFILE

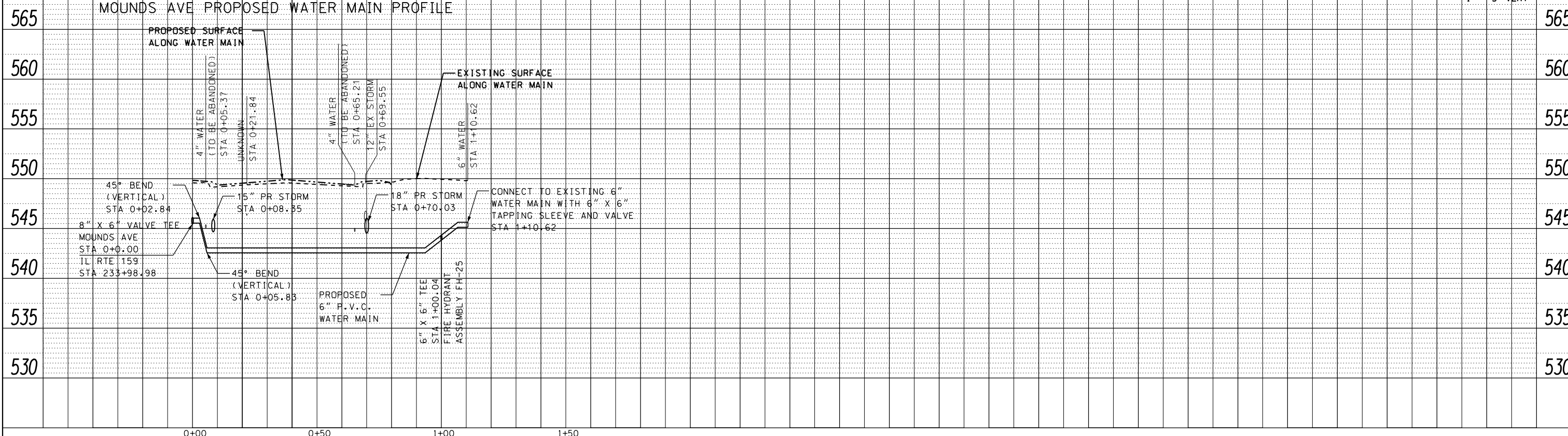
SCALE: 1" = 20' HORIZ  
1" = 5' VERT



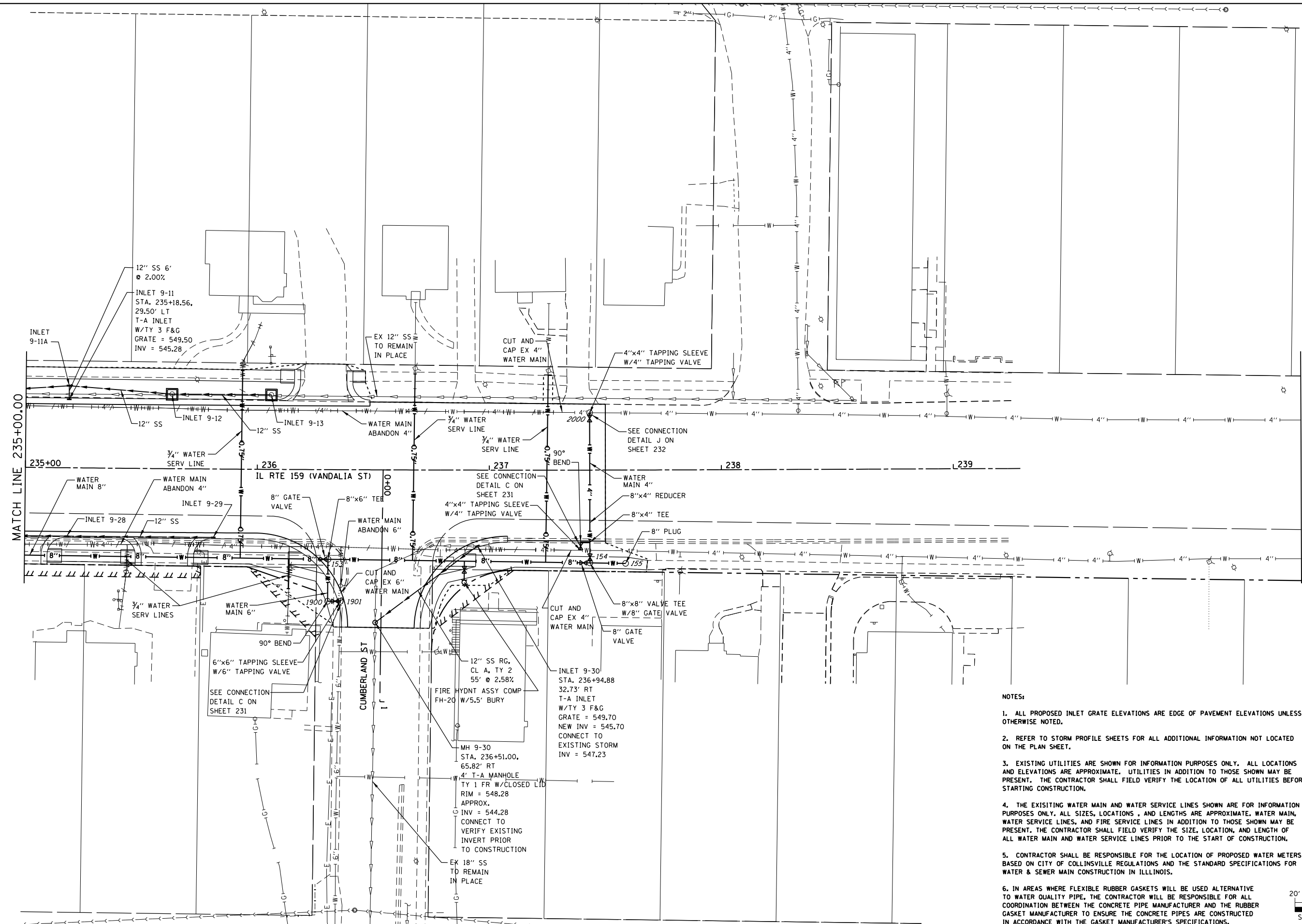
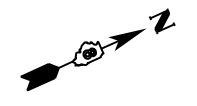
PROFILE	SURVEYED	DATE
	PLOTTED	
	GRADES CHECKED	
	STRUCTURE NOTATIONS CHECKED	
	NOTE BOOK NO.	
	CARD FILE NAME	

MOUNDS AVE PROPOSED WATER MAIN PROFILE

SCALE: 1" = 20' HORIZ  
1" = 5' VERT

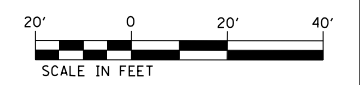


FILE NAME =	USER NAME = default	DESIGNED - DRH	REVISED -	<b>STATE OF ILLINOIS</b> <b>DEPARTMENT OF TRANSPORTATION</b>	<b>DRAINAGE AND UTILITY PROFILE</b> <b>IL ROUTE 159 &amp; MOUNDS AVE</b>	F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
P:\Projects\513501\CADD\DCN\0876885-shd-drain.dgn	DRAWN - DRH	REVISED -	600			60-(30,31,128)-3	MADISON	529	217	
PLOT SCALE = 40.0000' / in.	CHECKED - VAM	REVISED -	CONTRACT NO. 76885							
PLOT DATE = 2/1/2013	DATE - 01/25/2013	REVISED -	ILLINOIS FED. AID PROJECT							
				SCALE: N/A	SHEET NO. 64 OF 73 SHEETS	STA.	TO STA.			



**NOTES:**

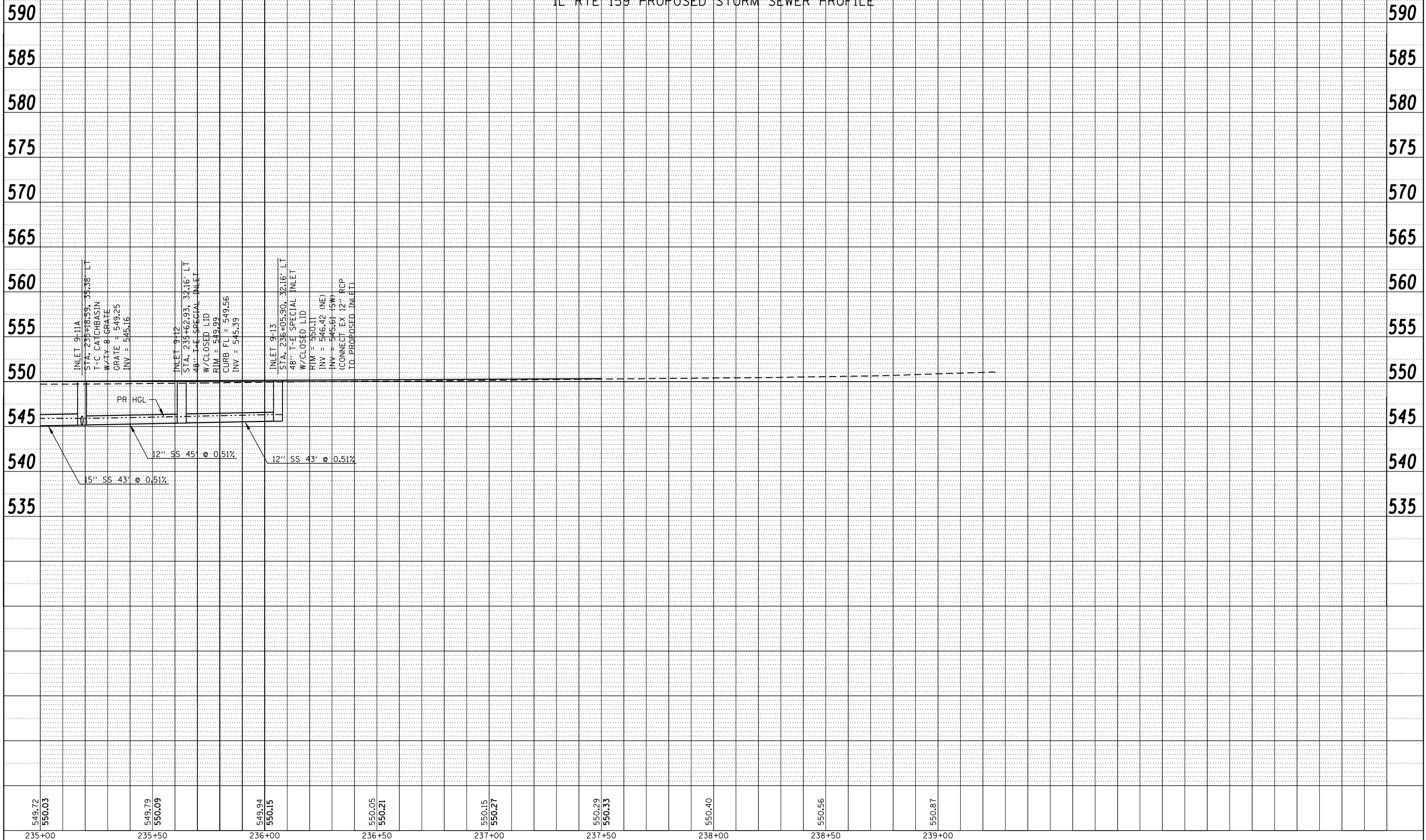
1. ALL PROPOSED INLET GRATE ELEVATIONS ARE EDGE OF PAVEMENT ELEVATIONS UNLESS OTHERWISE NOTED.
2. REFER TO STORM PROFILE SHEETS FOR ALL ADDITIONAL INFORMATION NOT LOCATED ON THE PLAN SHEET.
3. EXISTING UTILITIES ARE SHOWN FOR INFORMATION PURPOSES ONLY. ALL LOCATIONS AND ELEVATIONS ARE APPROXIMATE. UTILITIES IN ADDITION TO THOSE SHOWN MAY BE PRESENT. THE CONTRACTOR SHALL FIELD VERIFY THE LOCATION OF ALL UTILITIES BEFORE STARTING CONSTRUCTION.
4. THE EXISTING WATER MAIN AND WATER SERVICE LINES SHOWN ARE FOR INFORMATION PURPOSES ONLY. ALL SIZES, LOCATIONS, AND LENGTHS ARE APPROXIMATE. WATER MAIN, WATER SERVICE LINES, AND FIRE SERVICE LINES IN ADDITION TO THOSE SHOWN MAY BE PRESENT. THE CONTRACTOR SHALL FIELD VERIFY THE SIZE, LOCATION, AND LENGTH OF ALL WATER MAIN AND WATER SERVICE LINES PRIOR TO THE START OF CONSTRUCTION.
5. CONTRACTOR SHALL BE RESPONSIBLE FOR THE LOCATION OF PROPOSED WATER METERS BASED ON CITY OF COLLINSVILLE REGULATIONS AND THE STANDARD SPECIFICATIONS FOR WATER & SEWER MAIN CONSTRUCTION IN ILLINOIS.
6. IN AREAS WHERE FLEXIBLE RUBBER GASKETS WILL BE USED ALTERNATIVE TO WATER QUALITY PIPE, THE CONTRACTOR WILL BE RESPONSIBLE FOR ALL COORDINATION BETWEEN THE CONCRETE PIPE MANUFACTURER AND THE RUBBER GASKET MANUFACTURER TO ENSURE THE CONCRETE PIPES ARE CONSTRUCTED IN ACCORDANCE WITH THE GASKET MANUFACTURER'S SPECIFICATIONS.



FILE NAME =	USER NAME = default	DESIGNED - DRH	REVISED -	<b>STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION</b>	<b>DRAINAGE AND UTILITY PLAN IL ROUTE 159</b>	F.A.P. RTE. 600	SECTION 60-(30,31,128)-3	COUNTY	TOTAL SHEETS 529	SHEET NO. 218		
P:\Projects\513501\CADD\DN\0876885-shd.dwg	PLOT SCALE = 40.0000' / in.	CHECKED - VAM	REVISED -			SCALE: 1" = 20'	SHEET NO. 65 OF 73 SHEETS	STA. 235+00 TO STA. 237+50.00	CONTRACT NO. 76B85		ILLINOIS FED. AID PROJECT	
PLOT DATE = 2/1/2013	DATE = 01/25/2013	REVISED -	REVISED -									

IL RTE 159 PROPOSED STORM SEWER PROFILE

SCALE: 1" = 20' HORIZ  
1" = 5' VERT



PLAN	SURVEYED	BY	DATE
	PLOTTED		
	ALIGNED		
	CHECKED		
	NO. _____		
	CARD FILE NAME		

PROFILE	SURVEYED	BY	DATE
	PLOTTED		
	GRADES CHECKED		
	STRUCTURE		
	NOT AT THIS OFFICE		
	NO. _____		

549.72	550.03	549.79	550.09	549.94	550.15	550.05	550.21	550.15	550.27	550.29	550.33	550.40	550.56	550.87
235+00		235+50		236+00		236+50		237+00		237+50		238+00		239+00

FILE NAME =	USER NAME = default	DESIGNED - DRH	REVISED -
P:\Projects\513501\CADD\GDN\0876885-shd-drain.dgn		DRAWN - DRH	REVISED -
		CHECKED - VAM	REVISED -
		DATE - 01/25/2013	REVISED -

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

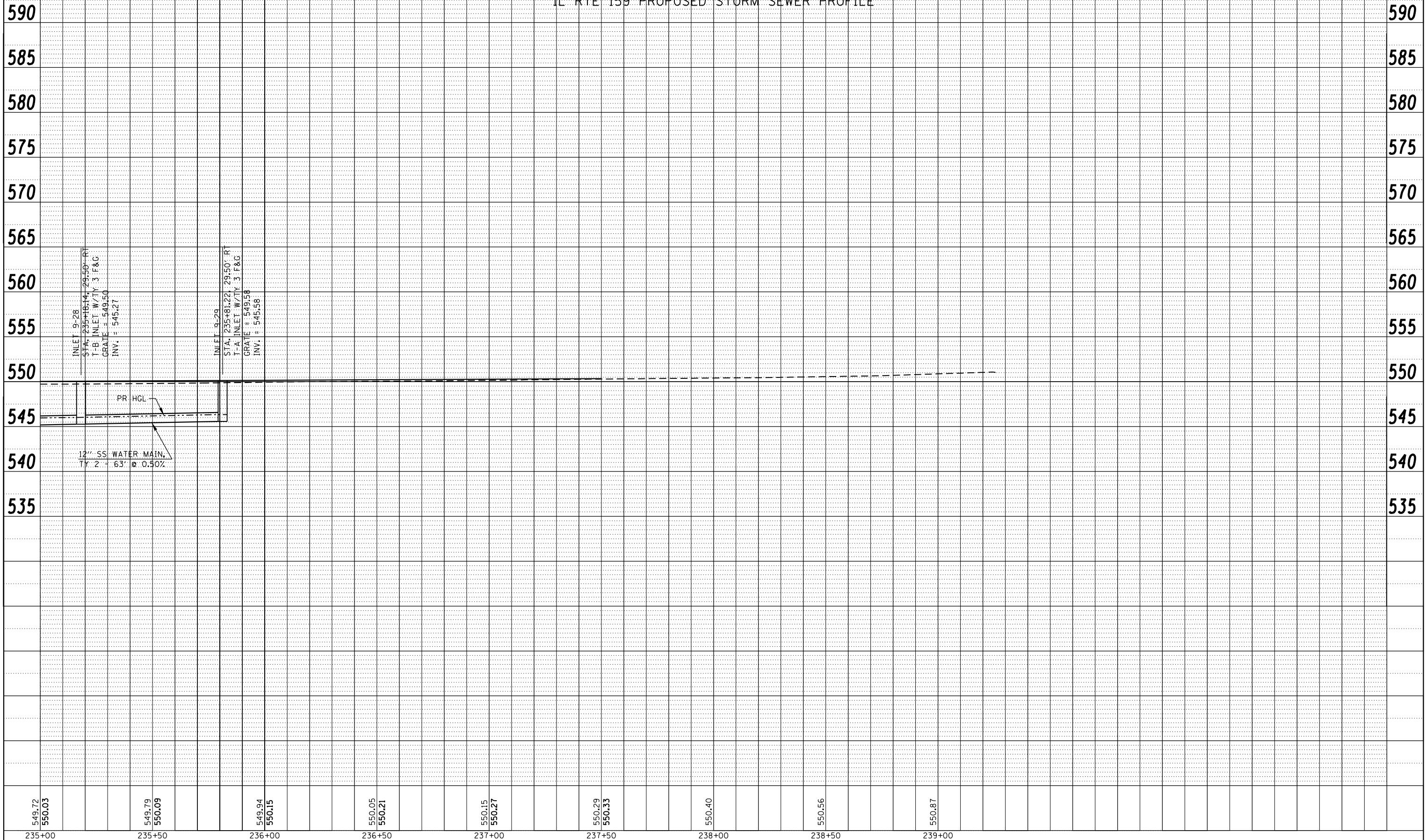
DRAINAGE AND UTILITY PROFILE  
IL ROUTE 159

SCALE: N/A SHEET NO. 66 OF 73 SHEETS STA. 235+00.00 TO STA. 237+50.00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
600	60-(30,31,128)-3	MADISON	529	219
CONTRACT NO. 76B85				
ILLINOIS FED. AID PROJECT				

SCALE: 1" = 20' HORIZ  
1" = 5' VERT

IL RTE 159 PROPOSED STORM SEWER PROFILE



PLAN	SURVEYED	DATE
	PLOTTED	
	GRADES CHECKED	
	STRUCTURE NOTATIONS CHECKED	
NOTE BOOK NO.	ALIGNED	
	CARD FILE NAME	

PROFILE	SURVEYED	DATE
	PLOTTED	
	GRADES CHECKED	
	STRUCTURE NOTATIONS CHECKED	
NOTE BOOK NO.	ALIGNED	
	CARD FILE NAME	

549.72 550.03	235+00	549.79 550.09	235+50	549.94 550.15	236+00	550.05 550.21	236+50	550.15 550.27	237+00	550.29 550.33	237+50	550.40	238+00	550.56	238+50	550.87	239+00
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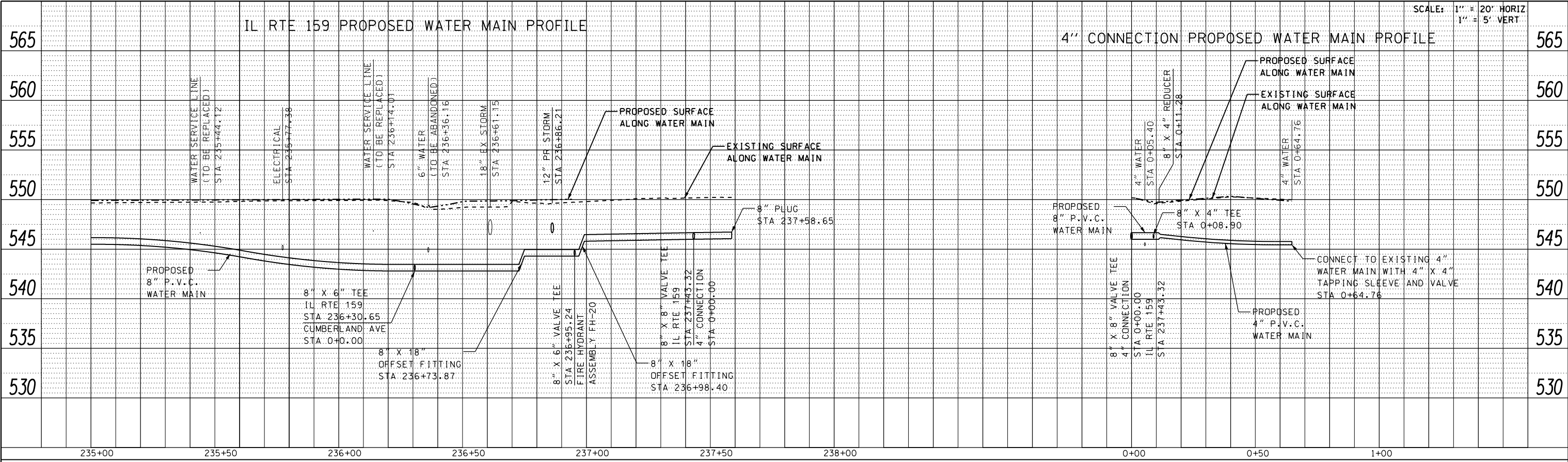
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		DRAWN - DRH	REVISED -
		CHECKED - VAM	REVISED -
		DATE - 01/25/2013	REVISED -

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

DRAINAGE AND UTILITY PROFILE		
IL ROUTE 159		
SCALE: N/A	SHEET NO. 67 OF 73 SHEETS	STA. 235+00.00 TO STA. 237+50.00

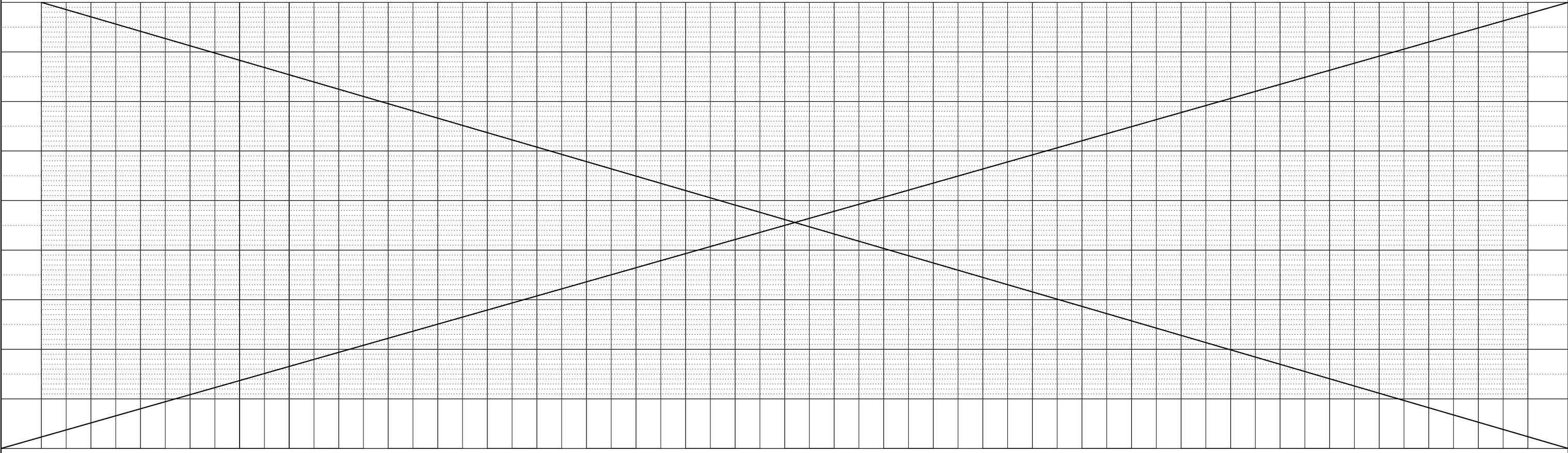
F.A.P. RTE. 600	SECTION 60-(30,31,128)-3	COUNTY MADISON	TOTAL SHEETS 529	SHEET NO. 220
CONTRACT NO. 76B85				ILLINOIS FED. AID PROJECT

SCALE: 1" = 20' HORIZ  
1" = 5' VERT



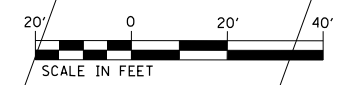
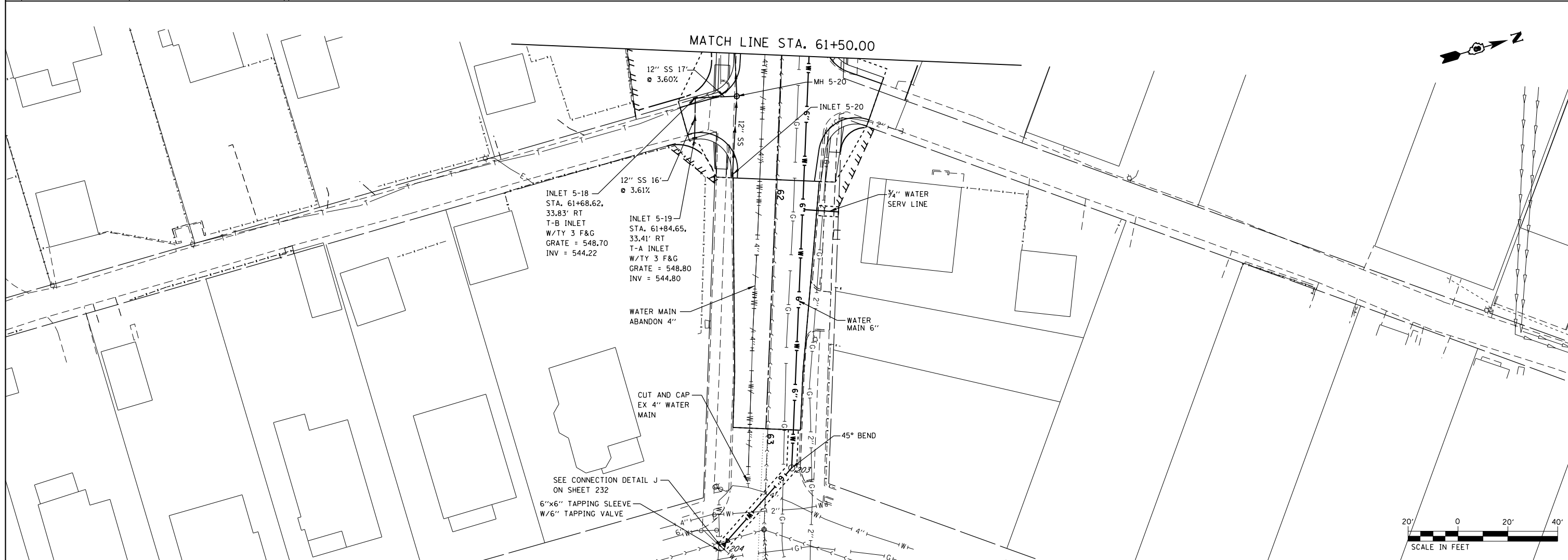
PLAN	SURVEYED	BY	DATE
	PLOTTED		
	GRADES CHECKED		
	STRUCTURE NOTATIONS CHECKED		
	NOTE BOOK NO.		

PROFILE	SURVEYED	BY	DATE
	PLOTTED		
	GRADES CHECKED		
	STRUCTURE NOTATIONS CHECKED		
	NOTE BOOK NO.		





- NOTES:
1. ALL PROPOSED INLET GRATE ELEVATIONS ARE EDGE OF PAVEMENT ELEVATIONS UNLESS OTHERWISE NOTED.
  2. REFER TO STORM PROFILE SHEETS FOR ALL ADDITIONAL INFORMATION NOT LOCATED ON THE PLAN SHEET.
  3. EXISTING UTILITIES ARE SHOWN FOR INFORMATION PURPOSES ONLY. ALL LOCATIONS AND ELEVATIONS ARE APPROXIMATE. UTILITIES IN ADDITION TO THOSE SHOWN MAY BE PRESENT. THE CONTRACTOR SHALL FIELD VERIFY THE LOCATION OF ALL UTILITIES BEFORE STARTING CONSTRUCTION.
  4. THE EXISTING WATER MAIN AND WATER SERVICE LINES SHOWN ARE FOR INFORMATION PURPOSES ONLY. ALL SIZES, LOCATIONS, AND LENGTHS ARE APPROXIMATE. WATER MAIN, WATER SERVICE LINES, AND FIRE SERVICE LINES IN ADDITION TO THOSE SHOWN MAY BE PRESENT. THE CONTRACTOR SHALL FIELD VERIFY THE SIZE, LOCATION, AND LENGTH OF ALL WATER MAIN AND WATER SERVICE LINES PRIOR TO THE START OF CONSTRUCTION.
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  6. IN AREAS WHERE FLEXIBLE RUBBER GASKETS WILL BE USED ALTERNATIVE TO WATER QUALITY PIPE, THE CONTRACTOR WILL BE RESPONSIBLE FOR ALL COORDINATION BETWEEN THE CONCRETE PIPE MANUFACTURER AND THE RUBBER GASKET MANUFACTURER TO ENSURE THE CONCRETE PIPES ARE CONSTRUCTED IN ACCORDANCE WITH THE GASKET MANUFACTURER'S SPECIFICATIONS.



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	PLOT DATE = 2/1/2013	DATE - 01/25/2013	REVISED -

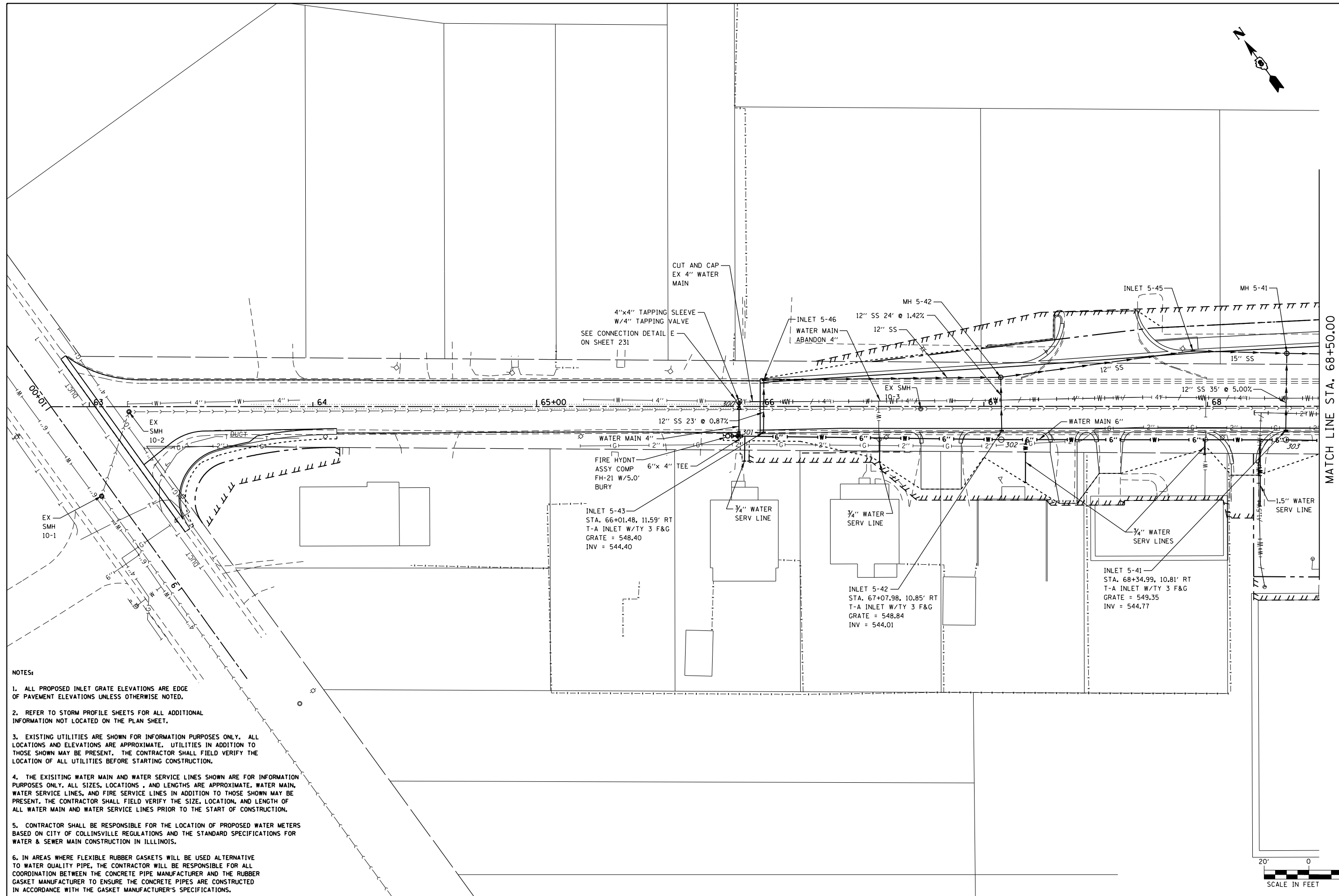
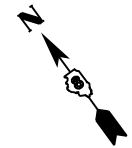
**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**DRAINAGE AND UTILITY PLAN  
WICKLIFFE AVE**

SCALE: 1" = 20'    SHEET NO. 69 OF 73 SHEETS    STA. 57+00.00 TO STA. 63+00.00

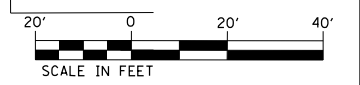
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
600	60-(30,31,128)-3	MADISON	529	222
CONTRACT NO. 76B85				
ILLINOIS FED. AID PROJECT				





MATCH LINE STA. 68+50.00

- NOTES:**
1. ALL PROPOSED INLET GRATE ELEVATIONS ARE EDGE OF PAVEMENT ELEVATIONS UNLESS OTHERWISE NOTED.
  2. REFER TO STORM PROFILE SHEETS FOR ALL ADDITIONAL INFORMATION NOT LOCATED ON THE PLAN SHEET.
  3. EXISTING UTILITIES ARE SHOWN FOR INFORMATION PURPOSES ONLY. ALL LOCATIONS AND ELEVATIONS ARE APPROXIMATE. UTILITIES IN ADDITION TO THOSE SHOWN MAY BE PRESENT. THE CONTRACTOR SHALL FIELD VERIFY THE LOCATION OF ALL UTILITIES BEFORE STARTING CONSTRUCTION.
  4. THE EXISTING WATER MAIN AND WATER SERVICE LINES SHOWN ARE FOR INFORMATION PURPOSES ONLY. ALL SIZES, LOCATIONS, AND LENGTHS ARE APPROXIMATE. WATER MAIN, WATER SERVICE LINES, AND FIRE SERVICE LINES IN ADDITION TO THOSE SHOWN MAY BE PRESENT. THE CONTRACTOR SHALL FIELD VERIFY THE SIZE, LOCATION, AND LENGTH OF ALL WATER MAIN AND WATER SERVICE LINES PRIOR TO THE START OF CONSTRUCTION.
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FILE NAME =	USER NAME = default	DESIGNED - DRH	REVISED -
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		CHECKED - VAM	REVISED -
		DATE - 01/25/2013	REVISED -

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**DRAINAGE AND UTILITY PLAN  
E PARK AVE**

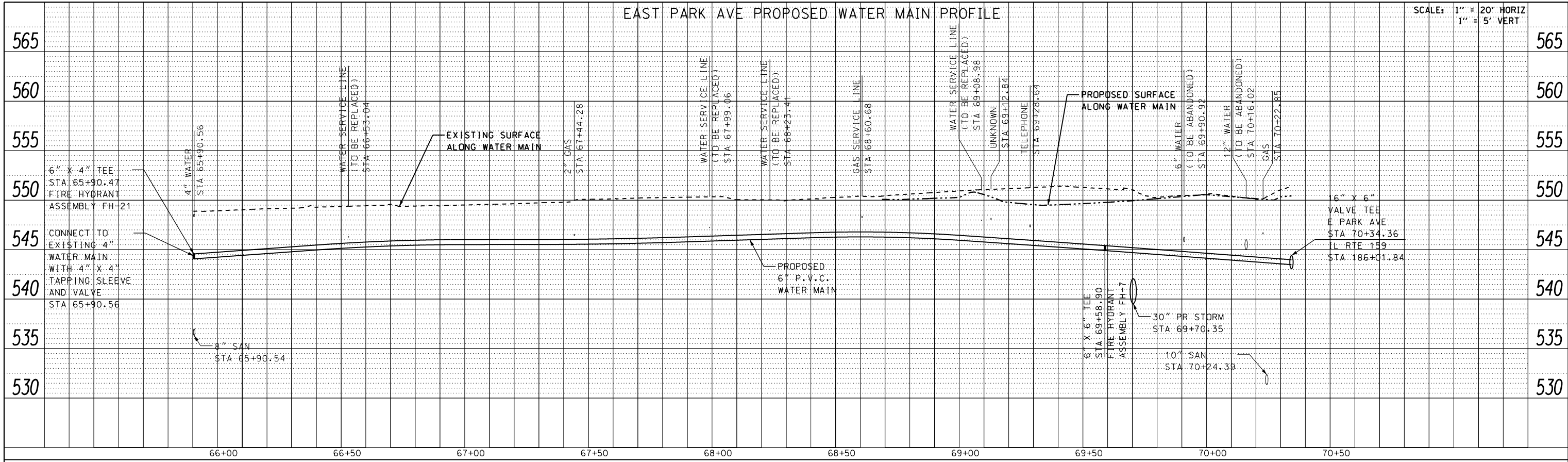
SCALE: 1" = 20'    SHEET NO. 71 OF 73 SHEETS    STA. 62+83.00 TO STA. 68+50.00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
600	60-(30,31,128)-3	MADISON	529	224
CONTRACT NO. 76B85				
ILLINOIS FED. AID PROJECT				

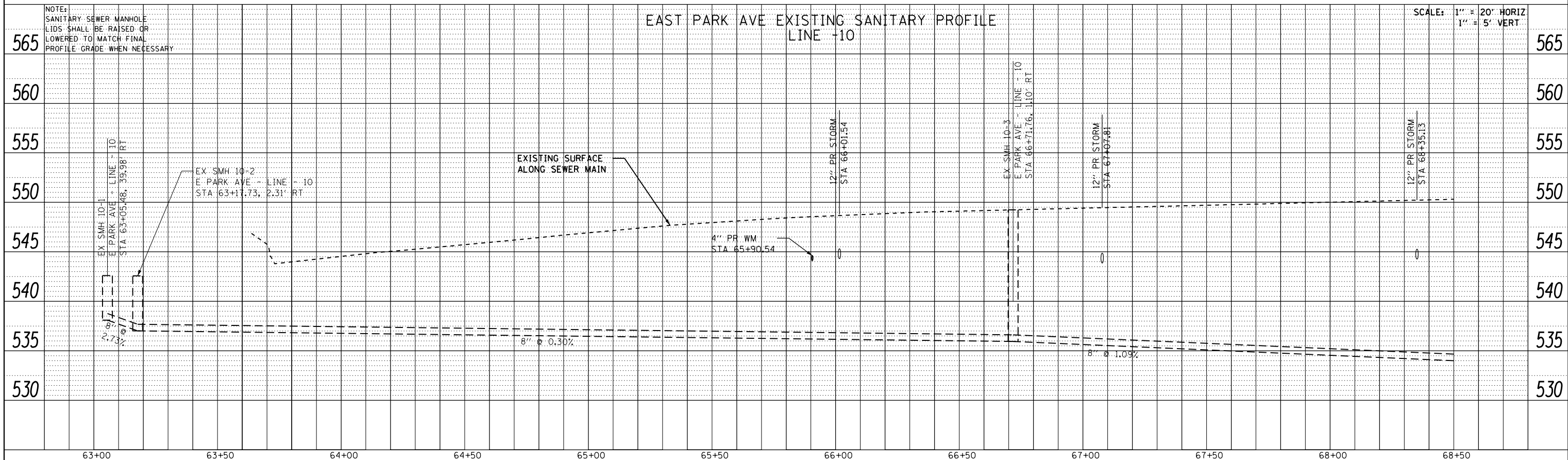




PLAN	SURVEYED	DATE
	PLOTTED	
	GRADES CHECKED	
	STRUCTURE NOTATIONS CHECKED	
	NO.	



PROFILE	SURVEYED	DATE
	PLOTTED	
	GRADES CHECKED	
	STRUCTURE NOTATIONS CHECKED	
	NO.	



FILE NAME =	USER NAME = default	DESIGNED - DRH	REVISED -	<b>STATE OF ILLINOIS</b> <b>DEPARTMENT OF TRANSPORTATION</b>	<b>DRAINAGE AND UTILITY PROFILE</b> <b>E PARK AVE</b>	F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
P:\Projects\513501\CADD\DCN\0876885-shd-drain.dgn		DRAWN - DRH	REVISED -			600	60-(30,31,128)-3	MADISON	529	226
PLOT SCALE = 40.0000' / in.		CHECKED - VAM	REVISED -			CONTRACT NO. 76885				
PLOT DATE = 2/1/2013		DATE - 01/25/2013	REVISED -			ILLINOIS FED. AID PROJECT				

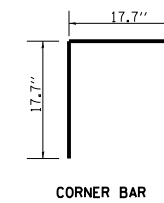
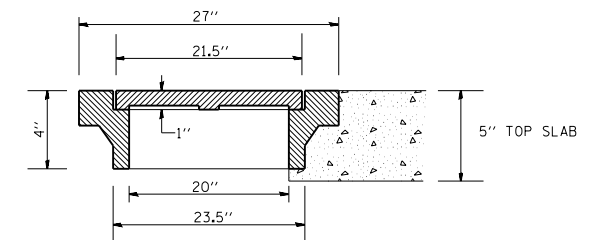
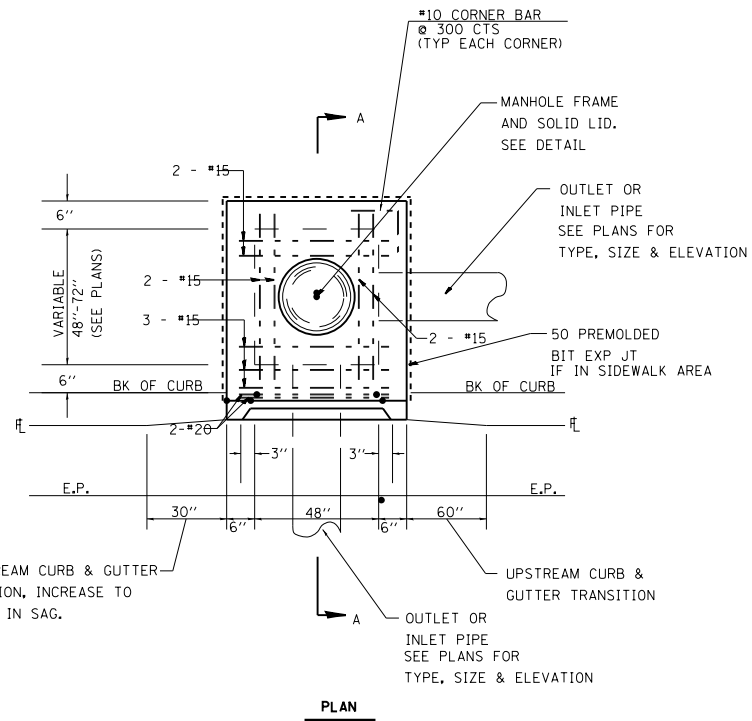
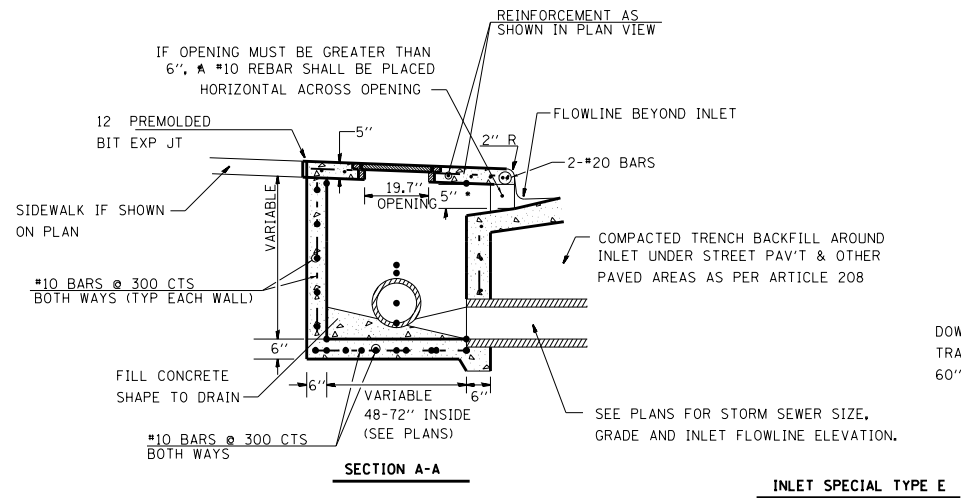
## UTILITY GENERAL NOTES

1. ALL CONSTRUCTION SHALL BE IN ACCORDANCE WITH THE PROVISIONS OF THE "STANDARD SPECIFICATIONS FOR WATER AND SEWER MAIN CONSTRUCTION IN ILLINOIS" CURRENT EDITION, THESE PLANS, THE SPECIAL PROVISIONS, THE CONDITIONS OF THE I.E.P.A. PERMIT, AND THE CITY OF COLLINSVILLE SUBDIVISION ORDINANCE.
2. ILLINOIS STATE LAW REQUIRES A 48-HOUR NOTICE BE GIVEN TO ALL UTILITIES BEFORE DIGGING. FIELD MARKING OF FACILITIES MAY BE OBTAINED BY CONTACTING J.U.L.I.E. OR FOR NON-MEMBERS, THE UTILITY COMPANY DIRECTLY.
  - A) AGENCIES KNOWN TO HAVE FACILITIES WITHIN THE PROJECT AREA ARE AS FOLLOWS:
    - \* AMEREN IP (GAS & ELECTRIC)
    - \* AT&T (COMMUNICATIONS)
    - \* AT&T CORPORATION (COMMUNICATIONS)
    - \* BUCO SERVICES, LTD (COMMUNICATIONS)
    - \* CHARTER COMMUNICATIONS, INC. (CABLE TV)
    - \* CITY OF COLLINSVILLE (WATER & SANITARY SEWER)
    - \* MCLEOD (COMMUNICATIONS)
  - MEMBERS OF J.U.L.I.E. (800-892-0123) ARE INDICATED BY AN \*. NON-J.U.L.I.E. MEMBERS MUST BE NOTIFIED INDIVIDUALLY. IT UNDERSTOOD AND AGREED THAT THE CONTRACTOR HAS TAKEN THE FOREGOING INFORMATION INTO CONSIDERATION IN PREPARING HIS/HER BID, AND NO ADDITIONAL COMPENSATION WILL BE ALLOWED FOR ANY DELAYS OR INCONVENIENCE CAUSED BY SAME.
  - B) UNDERGROUND FACILITIES, STRUCTURES AND UTILITIES HAVE BEEN PLOTTED FROM THE AVAILABLE INFORMATION FURNISHED BY THE UTILITY OWNERS AND MUST BE CONSIDERED APPROXIMATE. IT IS POSSIBLE THERE MAY BE OTHERS. THE EXISTENCE OF WHICH IS NOT PRESENTLY KNOWN OR SHOWN. IT IS THE CONTRACTOR'S RESPONSIBILITY TO DETERMINE THEIR EXISTENCE AND EXACT LOCATION AND DEPTH TO AVOID DAMAGE THERETO WITH NO ADDITIONAL COMPENSATION BEING GIVEN. FIELD LOCATIONS OF UNDERGROUND FACILITIES MAY BE OBTAINED BY PROVIDING A MINIMUM OF 48 HOURS ADVANCE NOTICE THROUGH THE J.U.L.I.E. SYSTEM BY CALLING 800-892-0123 OR BY DIRECT CONTACT WITH NON MEMBERS OF J.U.L.I.E.
  - C) THERE WILL BE NO ADDITIONAL COMPENSATION FOR THE ADJUSTMENT OF THE PROPOSED WATER MAIN AS SHOWN ON THE PLANS TO AVOID CONFLICTS WITH EXISTING UTILITIES.
3. ALL EXCAVATIONS UNDER AND WITHIN 2' OF ALL ROADWAY ELEMENTS SUCH AS PAVEMENT, SHOULDERS, DRIVEWAYS, AND SIDEWALKS SHALL BE BACKFILLED WITH CLASS I (COMPACTED CA-6) OR APPROVED EQUAL, AND SURFACE RESTORED WITH BITUMINOUS COLD PATCH MATERIAL. CLASS III (EARTHEN) BACKFILL CAN BE USED EVERYWHERE ELSE. PATCHING SHALL BE INCLUDED WITH THE INSTALLATION OF THE WATER MAIN.
4. WATER MAIN AND SERVICE LINE TRENCHES IN EARTHEN AREAS SHALL BE BACKFILLED WITH THE EXCAVATED MATERIAL AND MODERATELY COMPACTED WITH THE BACKHOE BUCKET OR WHEEL SO AS TO MINIMIZE / ELIMINATE SETTLEMENT AND THE POTENTIAL CREATION OF HAZARDOUS DEPRESSIONS. THIS WORK IS INCLUDED IN THE COST OF THE CONTRACT.
5. MINIMUM DEPTH OF COVER ON THE PROPOSED WATER MAINS AND SERVICES SHALL BE 42".
6. THWN SOFT DRAW NO. 12 COPPER TRACER WIRE SHALL BE INSTALLED WITH ALL PVC WATER MAINS. IT SHALL BE CONNECTED TO ALL VALVES AND HYDRANTS. ALL SPLICES SHALL BE SOLDERED AND WATER TIGHT. THE COSTS FOR COMPLYING WITH THIS REQUIREMENT SHALL BE INCLUDED IN THE COST OF THE CONTRACT.
7. REMOVAL AND SUITABLE DISPOSAL OF SURPLUS EXCAVATED MATERIAL SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR WITH THE COST OF SAID DISPOSAL INCLUDED IN THE COST OF THE CONTRACT.
8. ANY DAMAGE TO EXISTING CULVERTS/STORM SEWERS BY CONTRACTOR'S OPERATIONS SHALL BE CAUSE FOR THE CONTRACTOR TO REMOVE AND REPLACE SAME AT NO COST TO THE CONTRACT. COST TO REMOVE AND REPLACE CULVERTS AS NECESSARY TO INSTALL WATER MAIN SHALL BE INCLUDED IN THE COST OF THE CONTRACT.
9. THE CONTRACTOR SHALL PROVIDE ALL NECESSARY TRENCH SHORING, EQUIPMENT, ETC., TO PROVIDE FOR THE PROPER PROTECTION OF HIS WORKERS AS REQUIRED BY O.S.H.A., THE ILLINOIS DEPARTMENT OF TRANSPORTATION, AND THE ILLINOIS DEPARTMENT OF LABOR. THIS REQUIREMENT IS SOLELY THE RESPONSIBILITY OF THE CONTRACTOR AND THE CITY WILL NOT BE RESPONSIBLE FOR THE ENFORCEMENT OF SAFETY STANDARDS.
10. HYDRANTS ARE TO BE SET ON 6" LATERALS, ISOLATED BY A GATE VALVE WITH BOX, AND RESTRAINED WITH SET SCREW RETAINER GLANDS, AND CONCRETE THRUST BLOCKS. TYPICALLY, FIRE HYDRANT ASSEMBLY TO INCLUDE 6" GATE VALVE/VALVE BOX, 6" LEAD PIPE, AND 6" FIRE HYDRANT.
11. REMOVAL OF EXISTING HYDRANT ASSEMBLIES AND SALVAGED TO THE CITY SHALL BE INCLUDED IN THE COST OF THE CONTRACT.
12. PROPOSED FIRE HYDRANT BURY DEPTHS ARE SHOWN FOR INFORMATION PURPOSES ONLY. THE CONTRACTOR SHALL CONFIRM THE ACTUAL DEPTHS AFTER THE UTILITIES THAT WILL BE CROSSED ARE VERIFIED AND THE PROPOSED WATER MAIN IS INSTALLED. THIS WORK SHALL BE INCLUDED IN THE COST OF THE CONTRACT.
13. NEW MAINS TO BE INSTALLED AND ISOLATED BY MEANS OF VALVES UNTIL PERMITTED FOR OPERATIONS BY I.E.P.A. COORDINATE WITH CITY WATER DIVISION FOR FLUSHING, TESTING AND PERMITTING.
14. ALL SERVICES CONNECTED BY TAPPING SADDLE. INSTALL MAIN AVOIDING DAMAGE TO EXISTING SERVICES. REPLACE ALL SERVICE LINES FROM NEW MAIN TO METER WITH FLEXIBLE COPPER TUBING, TYPE "K" ONLY AFTER MAIN HAS BEEN PERMITTED BY I.E.P.A. FOR OPERATION. NEW, SCANNABLE METERS WILL BE FURNISHED BY THE CITY ALONG WITH DRILLED METER PIT LIDS. SALVAGE OLD METERS TO THE CITY.
15. HYDRANT AND VALVE LOCATIONS SHOWN ARE APPROXIMATE. HYDRANTS SHALL BE PLACED EVERY 300-FEET AND AT PROPERTY CORNERS WHERE POSSIBLE. NO HYDRANTS TO BE PLACED IN FRONT OF BUILDINGS.
16. THE CONTRACTOR WILL REPLACE ALL EXISTING WATER METERS AND METER BOXES WITH CITY FURNISHED SCANNABLE METERS AND METER BOXES. ALL WATER SERVICE LINES SHALL BE INSTALLED NEW TO THE METER. MODIFICATIONS TO EXISTING WATER LINE SERVICES SHALL BE INCLUDED AT NO ADDITIONAL COMPENSATION. DEPTH OF WATER METER SHALL NOT EXCEED A DEPTH OF 18" TO TOP OF METER REGISTER FROM FINISHED GRADE.
17. THE CONTRACTOR SHALL FURNISH AND REPLACE METER SETTERS WITH A DOUBLE CHECK VALVE THAT IS ACCEPTABLE BY THE CITY AND STATE. VERTICAL CHECK VALVES MUST BE REMOVABLE FROM THE TOP FOR SERVICE WITHOUT DISTURBING THE SETTER. ALSO INCLUDED WITH THIS ITEM ARE THE TAPPING SLEEVE CONNECTION AND INSTALLATION OF THE CITY FURNISHED SCANNABLE METERS AND METER BOXES. METER LIDS SHALL BE DRILLED FOR SCANNABLE HEADS. THE INSTALLATION OF THE METER SETTER, METER, AND METER BOX SHALL BE MEASURED FOR PAYMENT AS AN INSTALLED UNIT.
18. ALL SERVICE CROSSINGS SHALL BE BORED UNLESS OPEN CUT METHOD IS APPROVED BY THE ILLINOIS DEPARTMENT OF TRANSPORTATION AND THE CITY OF COLLINSVILLE. PLEASE REFER TO THE "STANDARD SPECIFICATIONS FOR WATER & SEWER MAIN CONSTRUCTION IN ILLINOIS."
19. TRENCH BACKFILL WILL BE PAID TO THE DEPTH AS SHOWN ON THE PLANS OR AS DIRECTED BY THE ENGINEER. PLEASE REFER TO THE "STANDARD SPECIFICATIONS FOR WATER & SEWER MAIN CONSTRUCTION IN ILLINOIS."
20. LINE ENDS ARE TO BE CAPPED WITH MECHANICAL JOINT CAP AND A SET SCREW RETAINER GLAND, LESS THAN ONE LENGTH OF PIPE PAST GATE VALVE.
21. ALL VALVES AND FITTINGS SUCH AS TEES, CROSSES, REDUCERS, ELBOWS, CAPS, PLUGS, ETC., SHALL BE DUCTILE IRON WITH MECHANICAL JOINTS AND INCLUDE TRANSITION GASKETS. AND THEY SHALL BE RESTRAINED WITH SET SCREW RETAINER GLANDS AND CONCRETE THRUST BLOCKS.
22. CONCRETE THRUST BLOCKS SHALL NOT BE POURED "WET" UNLESS SPECIFICALLY REQUESTED BY THE CITY, HOWEVER PREFABRICATED CONCRETE BLOCKS (PER THE CITY OF COLLINSVILLE'S SPECIFICATIONS) CAN BE USED TO PROVIDE THRUST RESISTANCE.
23. PIPE MATERIAL SHALL BE PVC SDR 21 WITH PUSH JOINTS MEETING ASTM 3139.
24. MAILBOX REMOVAL AND REPLACEMENT WILL NOT BE PAID FOR SEPARATELY, BUT SHALL BE INCLUDED IN THE CONTRACT.
25. WATER MAINS SHALL BE SEPARATED FROM SEPTIC TANKS, DISPOSAL FIELDS, AND ABSORPTION BEDS BY A MINIMUM OF 25 FEET.
26. THE CONTRACTOR SHALL CONFINE HIS OPERATIONS TO THE AREA LOCATED WITHIN THE CONSTRUCTION LIMITS, SHOWN ON THE PLANS. ANY AREAS DISTURBED BEYOND THESE LIMITS SHALL BE RESTORED TO ITS ORIGINAL CONDITION AT THE CONTRACTOR'S EXPENSE.
27. THE CONTRACTOR SHALL STAGE HIS WORK IN SUCH A WAY AS TO MAINTAIN INGRESS AND EGRESS TO ALL ABUTTING PROPERTIES AT ALL TIMES DURING CONSTRUCTION OPERATIONS. THE CONTRACTOR SHALL NOTIFY PROPERTY OWNERS 24 HOURS PRIOR TO TEMPORARILY CLOSING ENTRANCES.
28. AFTER FINAL GRADING, THE CONTRACTOR SHALL SEED AND MULCH ALL DISTURBED AREAS. THE COST SHALL BE INCLUDED IN THE PRICE FOR WATER MAIN INSTALLATION.
29. ALL SURVEY AND LAYOUT WORK IS THE RESPONSIBILITY OF THE CONTRACTOR AND INCLUDED IN THE COST OF THE CONTRACT
30. ALL TAPPING SLEEVES SHALL BE STAINLESS STEEL WITH A DUCTILE IRON FLANGE.
31. ALL GATE VALVES SHALL BE RIGHT CLOSING WITH STAINLESS STEEL BONNET AND PACK BOLTS.
32. THE EXISTING WATER MAIN AND WATER SERVICE LINES SHOWN ARE FOR INFORMATION PURPOSES ONLY. ALL SIZES, LOCATIONS, AND LENGTHS ARE APPROXIMATE. WATER MAINS AND WATER SERVICE LINES IN ADDITION TO THOSE SHOWN MAY BE PRESENT. THE CONTRACTOR SHALL FIELD VERIFY THE SIZE, LOCATION, AND LENGTH OF ALL WATER MAINS AND WATER SERVICES LINES PRIOR TO THE START OF CONSTRUCTION.
33. WATER VALVE RISERS SHALL BE FINAL SET AS PER ARTICLE 602.11 (C) OF THE STANDARD SPECIFICATIONS AND THE MINIMUM THICKNESS FOR THE RISER ALLOWED WILL BE 3 INCHES.
34. ANY PATCHING FOR POTHOLING FROM STATION 227+30 TO THE END OF THE PROJECT (OVERLAY SECTION) SHALL BE FULL LANE AND INCLUDED IN THE PRICE OF THE WATER MAIN.
35. SEE SUGGESTED STAGES OF CONSTRUCTION AND TRAFFIC CONTROL PLANS FOR ADDITIONAL INFORMATION.

FILE NAME =	USER NAME = default	DESIGNED - DRH	REVISED -	<b>STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION</b>	<b>UTILITY RELOCATION GENERAL NOTES</b>	F.A.P RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	
P:\Projects\513501\CADD\DN\0876885-shd	drawn-details.dgn	DRAWN - DRH	REVISED -			600	60-(30,31,128)-3	MADISON	529	227	
	PLOT SCALE = 40.0000' / in.	CHECKED - VAM	REVISED -			<b>CONTRACT NO. 76B85</b>					
	PLOT DATE = 3/5/2013	DATE - 01/25/2013	REVISED -			SCALE: N/A	SHEET NO. 1 OF 7 SHEETS	FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT			

NOTES:

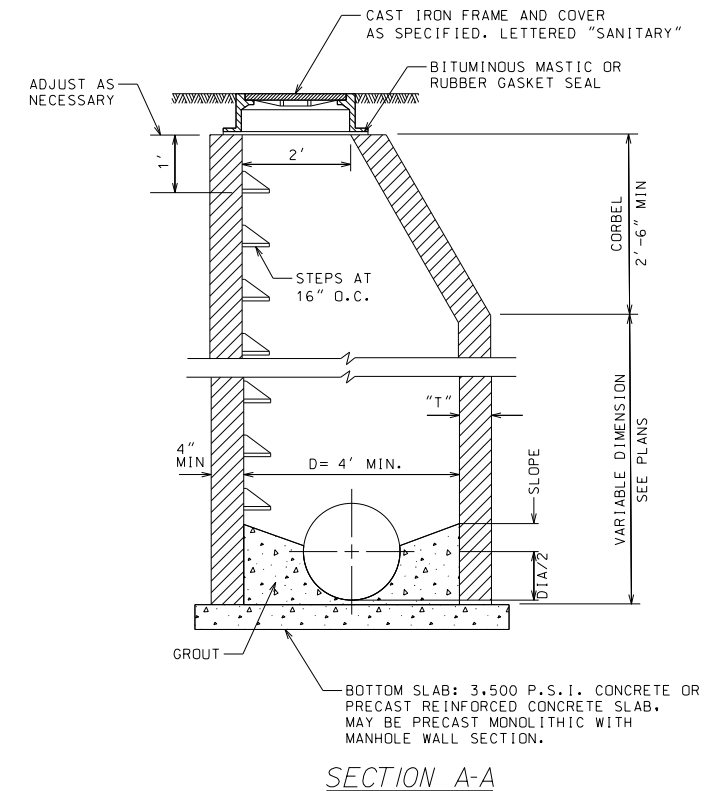
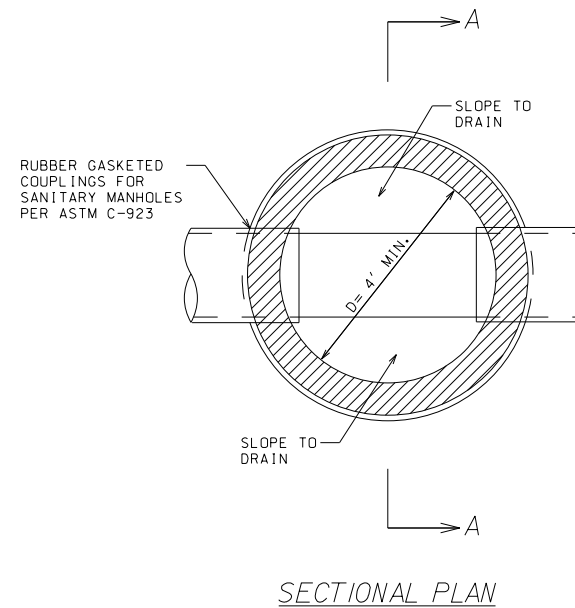
1. THE CONTRACT UNIT PRICE OF EACH FOR INLET, (SPECIAL) TYPE E SHALL INCLUDE ALL LABOR AND MATERIALS NECESSARY TO CONSTRUCT THE INLET IN ACCORDANCE WITH ARTICLE 602 OF THE STANDARD SPECIFICATIONS AND AS SHOWN HEREIN.
2. CLASS SI CONCRETE SHALL BE USED THROUGHOUT.
3. THE FRONT EDGE OF THE TOP SLAB SHALL BE EITHER STRAIGHT OR RADIUS AS NEEDED TO CONFORM WITH THE SHAPE OF THE ADJACENT CURB AND GUTTER.



SANITARY NOTES:

1. ALL MATERIALS, INSTALLATION, AND TESTING SHALL BE IN ACCORDANCE WITH THE "STANDARD SPECIFICATIONS FOR WATER AND SEWER MAIN CONSTRUCTION IN ILLINOIS", THE ILLINOIS ENVIRONMENTAL PROTECTION AGENCY, THE ILLINOIS DEPARTMENT OF PUBLIC HEALTH, THE ILLINOIS PLUMBING CODE, AND THE REQUIREMENTS OF THE CITY OF COLLINSVILLE.
2. PRIOR TO COMMENCEMENT OF ANY WORK, THE CONTRACTOR SHALL VERIFY ALL DIMENSIONS AND CONDITIONS OF THE PLANS WITH THE ACTUAL DIMENSIONS AND CONDITIONS OF THE SITE. THE CONTRACTOR MUST VERIFY THE ENGINEER'S LINES AND GRADES. IF A DISCREPANCY OCCURS FROM WHAT IS SHOWN ON THE PLANS, STANDARD SPECIFICATIONS, AND/OR DETAILS, THE CONTRACTOR SHALL NOTIFY THE ENGINEER AND SECURE WRITTEN INSTRUCTION FROM THE ENGINEER PRIOR TO PROCEEDING WITH ANY PART OF THE AFFECTED WORK. FAILING TO DO SO WILL BE CONSIDERED AS THE CONTRACTOR HAVING PROCEEDED AT HIS OWN RISK AND EXPENSE.
3. SANITARY SEWER PIPE SHALL BE POLYVINYL CHLORIDE (PVC) AND SHALL CONFORM TO ASTM D 3034, TYPE PSM FOR SIZES 4"-15", STANDARD DIMENSION RATION (SDR) 35.
4. PVC SEWER PIPE JOINTS SHALL BE GASKETED PIPE JOINTS PER ASTM D 3212.
5. ALL MANHOLES SHALL BE PRECAST CONCRETE TYPE A, 48-INCH IN DIAMETER WITH GASKETED INVERTS, ECCENTRIC CONES, STEPS, AND TYPE 1 FRAME AND CLOSED LIDS. LIDS SHALL BE STAMPED "SANITARY". SEE DETAIL FOR MORE INFORMATION.

6. SANITARY SEWER MANHOLE RIM ELEVATIONS SHOWN ON THE PLANS ARE APPROXIMATE. FINAL RIM ELEVATIONS SHALL BE SET TO MATCH THE SURROUNDING FINISH GRADES. ALL COSTS ASSOCIATED WITH THE FINAL RIM ADJUSTMENTS SHALL BE INCIDENTAL TO THE COST OF THE AFFECTED MANHOLE.
7. BEDDING OF THE PIPE AND BACKFILL SHALL BE DONE IN ACCORDANCE WITH THE "STANDARD SPECIFICATIONS FOR WATER AND SEWER MAIN CONSTRUCTION IN ILLINOIS" AND AS SHOWN IN THE PLANS. GRANULAR TRENCH BACKFILL SHALL BE USED AS INDICATED ON THE PLANS AND WHEN THE EDGE OF ANY TRENCH IS WITHIN 2 FT. OF ANY PAVEMENT, CURB, SIDEWALK, OR OTHER STRUCTURE. TRENCH BACKFILL SHALL BE COMPACTED WITH A ROLLER, VIBRATORY PLATE, OR OTHER COMPACTING DEVICE IN 12-INCH LIFTS.
8. ALL SURFACE MATERIAL SHALL BE REPLACED IN KIND AND TO THE DEPTH THAT EXISTED PRIOR TO REMOVAL.
9. TRENCH BACKFILL SHALL BE USED IN ACCORDANCE TO THE PLANS AND SHALL BE PLACED WHERE THE EDGE OF ANY TRENCH IS WITHIN 2- FEET OF ANY EDGE OF PAVEMENT, BACK OF CURB, SIDEWALK, OR ANY OTHER STRUCTURE.
10. LEAK TESTING FOR MANHOLES SHALL BE DONE IN ACCORDANCE WITH ASTM C969-94- "STANDARD PRACTICE FOR INFILTRATION AND EXFILTRATION ACCEPTANCE TESTING OF INSTALLED PRECAST CONCRETE PIPE SEWER LINES", VOL. 04.05, CHEMICAL RESISTANT MATERIALS, VITRIFIED CLAY, CONCRETE, FIBER-CEMENT PRODUCTS; MORTARS; MASONRY (1996) (NO LATER EDITIONS OR AMENDMENTS) OR ASTM C1244-93 "STANDARD TEST METHOD FOR CONCRETE SEWER MANHOLES BY THE NEGATIVE PRESSURE (VACUUM) TEST", VOL. 04.05, CHEMICAL RESISTANT MATERIALS, VITRIFIED CLAY, CONCRETE, FIBER-CEMENT PRODUCTS; MORTARS; MASONRY (1996) (NO LATER EDITIONS OR AMENDMENTS)

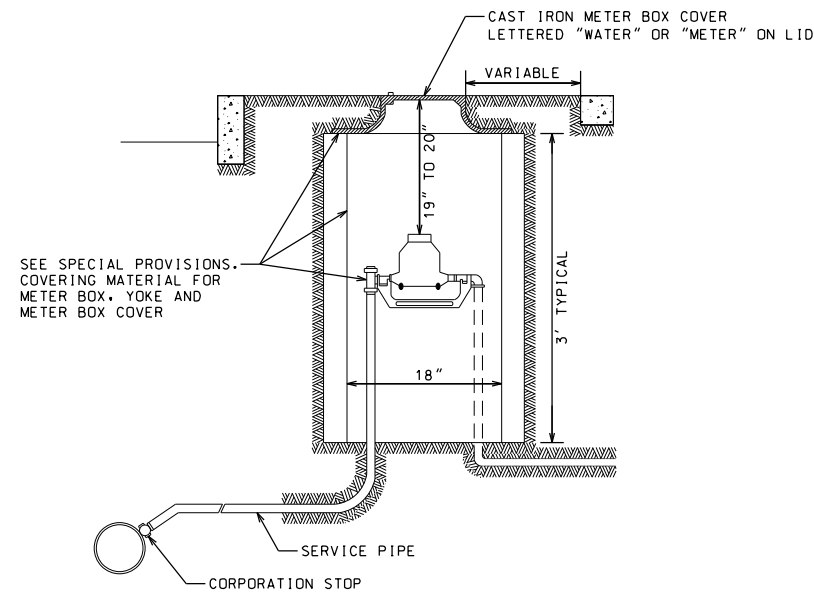


NOTE:  
SEPERATE SANITARY SEWER MANHOLES SUBJECT TO SATURATED SOIL CONDITIONS OR SURFACE SUBMERGENCE SHALL BE EQUIPPED WITH CHIMNEY SEALS AND WATER TIGHT MANHOLE COVERS.

FILE NAME =	USER NAME = default	DESIGNED - DRH	REVISED -	<b>STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION</b>	<b>UTILITY RELOCATION DETAILS</b>		F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
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PLOT SCALE = 40.0000' / in.	CHECKED - VAM	REVISIED -	REVISIED -				<b>CONTRACT NO. 76B85</b>				
PLOT DATE = 3/6/2013	DATE - 01/25/2013	REVISIED -	REVISIED -				ILLINOIS FED. AID PROJECT				

# DETAIL SHEET

NOT TO SCALE



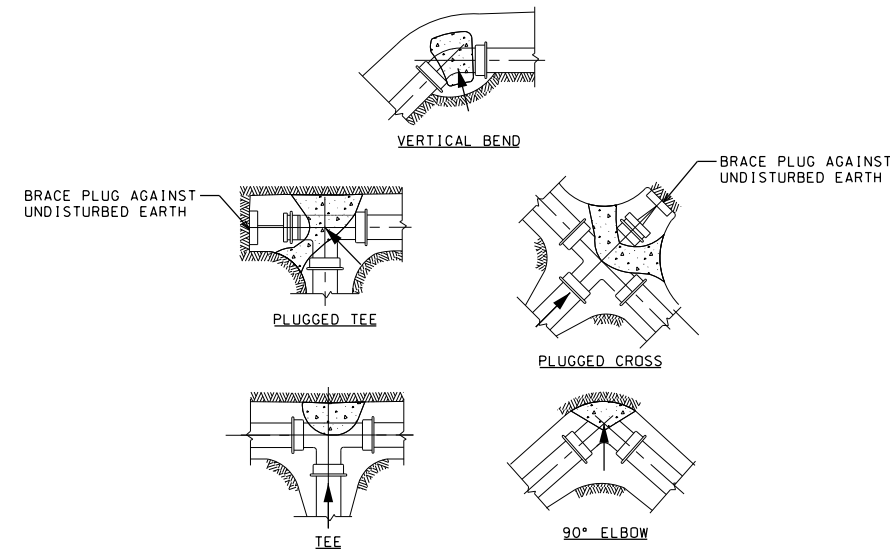
WATER METER BOX INSTALLATION

TYPICAL TAP SERVICE PIPING (COPPER)

WATER AND STORM SEWER SEPARATION (HORIZONTAL)

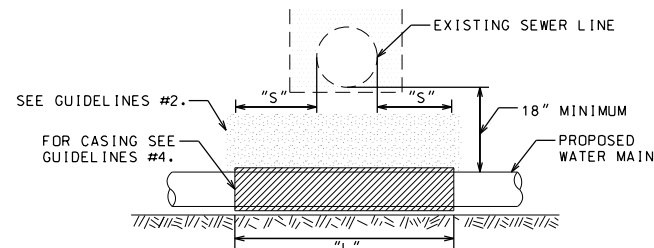
PROPOSED WATER MAIN BELOW EXISTING SEWER LINE WITH 18" MINIMUM VERTICAL SEPARATION.

NOTE: COMPACTION REQUIREMENTS REFER TO 20-2.20B



NOTE:  
ALL BLOCKS BEAR AGAINST UNDISTURBED EARTH. ARROWS INDICATE DIRECTION OF THRUST. ALL BLOCKS TO BE 3000 P.S.I. CONCRETE. ALL FITTINGS SHOWN IN PLAN EXCEPT VERTICAL BEND.

TYPICAL THRUST BLOCK INSTALLATIONS

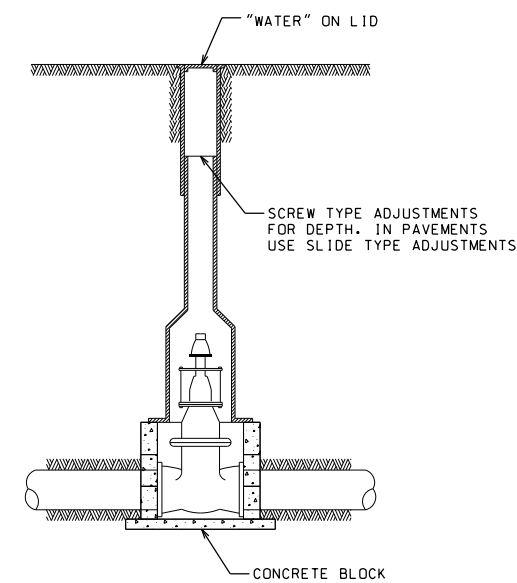


NOTE:  
"S" THE LENGTH NECESSARY TO PROVIDE 10 FEET OF SEPARATION AND MEASURED PERPENDICULAR TO EXISTING SEWER LINE.

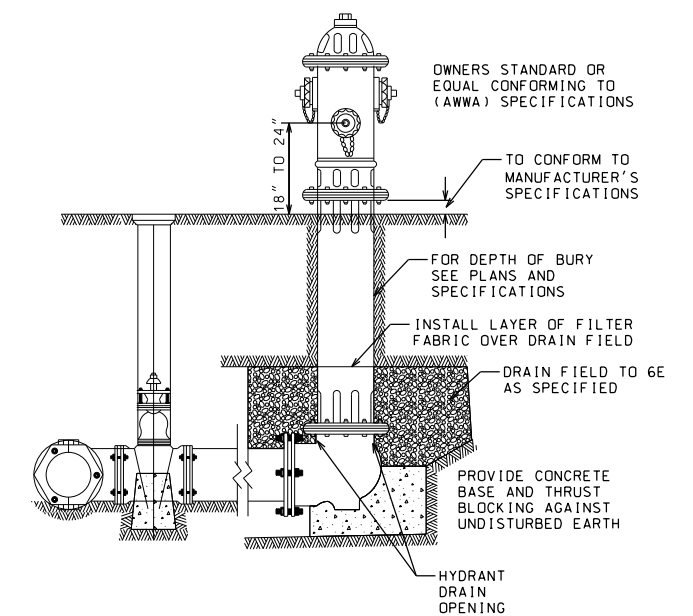
**GUIDELINES**

1. OMIT SELECT GRANULAR EMBEDMENT AND GRANULAR BACKFILL TO ONE (1) FOOT OVER TOP OF WATER MAIN AND USE SELECT EXCAVATED MATERIAL (CLASS IV) AND COMPACT THE LENGTH OF "L".
2. IF SELECT GRANULAR BACKFILL EXISTS, REMOVE WITHIN WIDTH OF EXISTING SEWER LINE TRENCH AND REPLACE WITH SELECT EXCAVATED MATERIAL (CLASS IV) AND COMPACT.
3. PROVIDE ADEQUATE SUPPORT FOR EXISTING SEWER LINE TO PREVENT DAMAGE DUE TO SETTLEMENT.
4. USE "L" FEET OF WATER MAIN MATERIAL FOR CASING OF PROPOSED WATER MAIN AND SEAL ENDS OF CASING.

WATER AND STORM SEWER SEPARATION (VERTICAL)



TYPICAL VALVE BOX INSTALLATION



**NOTES:**

1. CONCRETE BASE AND BLOCKING MATERIAL SHALL NOT BLOCK NOR OBSTRUCT HYDRANT DRAIN AS SHOWN IN AWWA MANUAL M 17

FIRE HYDRANT ASSEMBLY

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**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

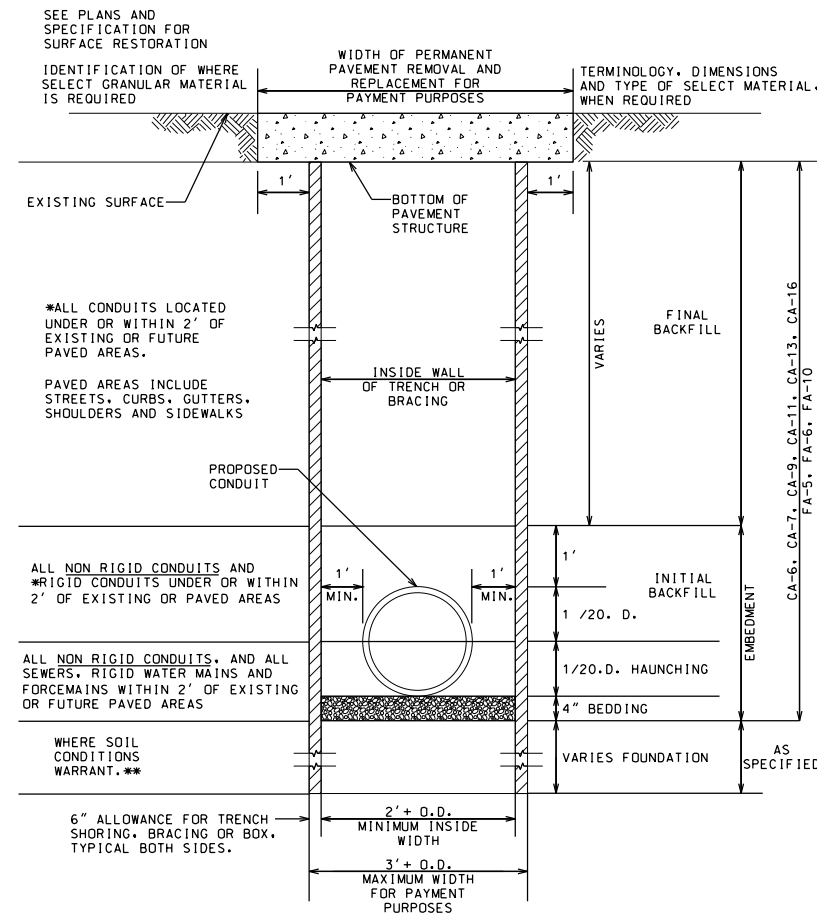
**UTILITY RELOCATION DETAILS**

SCALE: SHEET NO. 3 OF 7 SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
600	60-(30,31,128)-3	MADISON	529	229
CONTRACT NO. 76B85				
ILLINOIS FED. AID PROJECT				

# DETAIL SHEET

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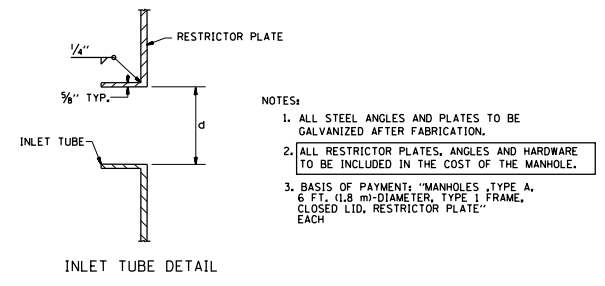
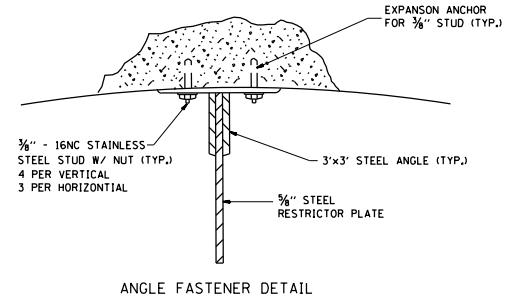
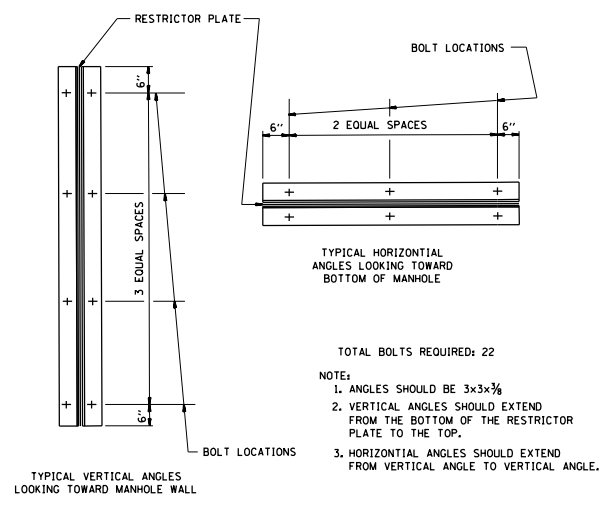
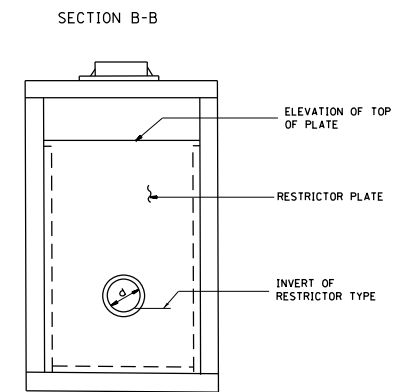
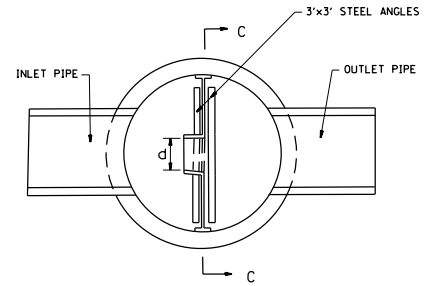
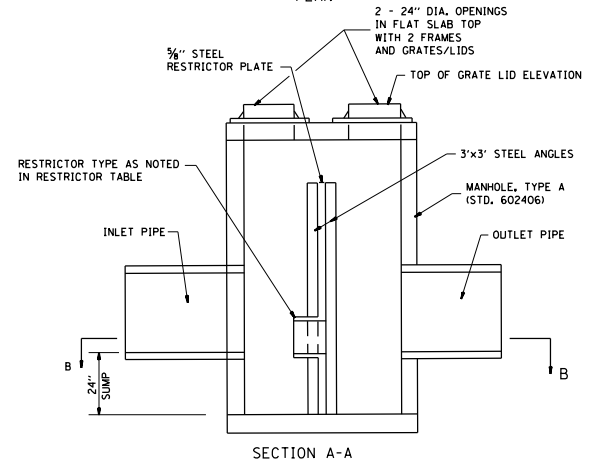
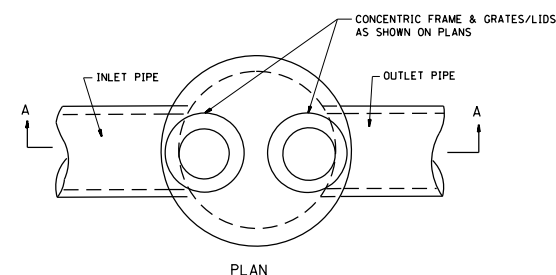
\*INDICATES ELIGIBLE FOR PAYMENT AS SELECT GRANULAR BACKFILL OTHERWISE INCIDENTAL TO THE PIPE.

\*\*INDICATES ELIGIBLE FOR PAYMENT AS SELECT FOUNDATION MATERIAL.

NON RIGID CONDUITS ARE DEFINED AS FLEXIBLE THERMOPLASTIC PIPE AND/OR CORRUGATED METAL PIPE.

NOTE: TRENCH BOX SHALL NOT EXTEND BELOW TOP OF PIPE, HOWEVER IT SHALL NOT EXCEED 2 FEET FROM THE BOTTOM OF THE TRENCH.

TRENCH DETAIL



NOTES:

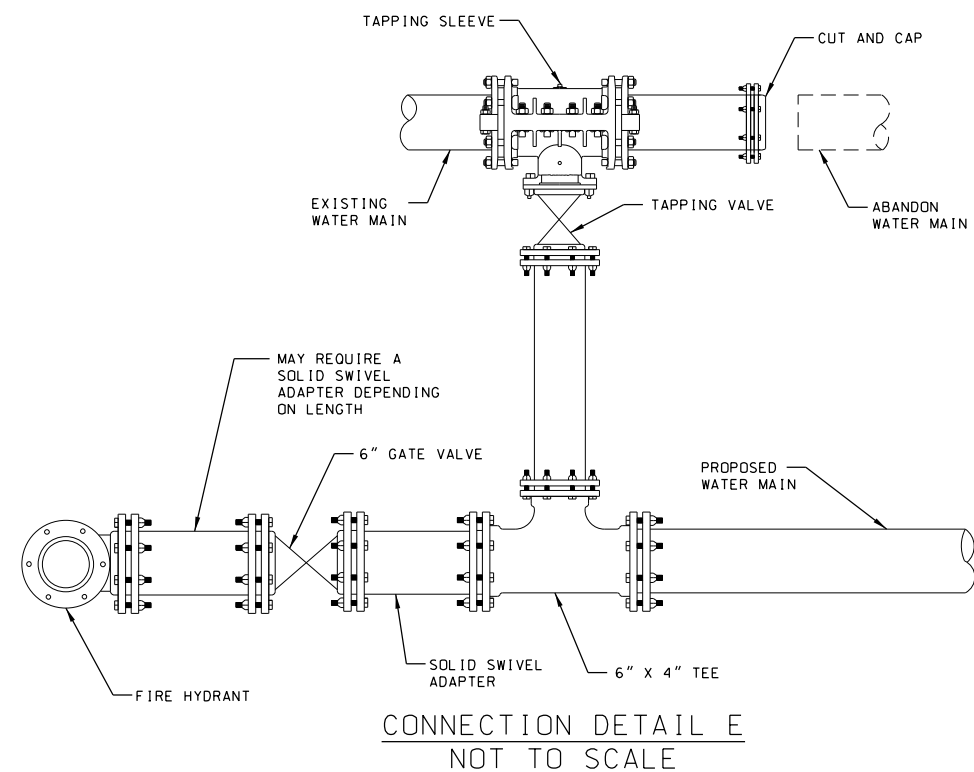
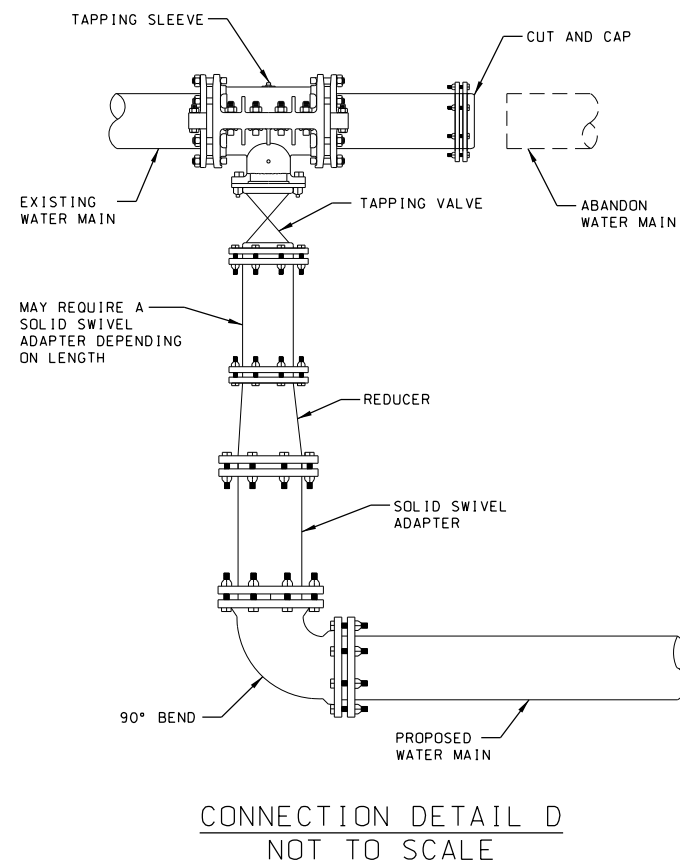
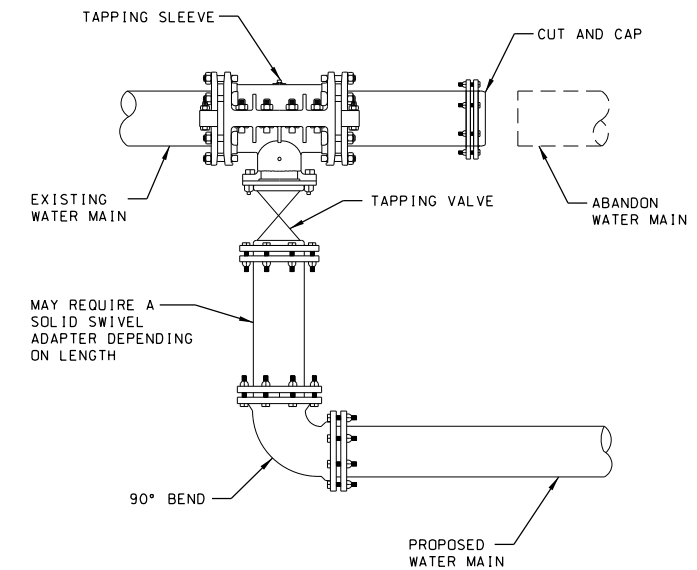
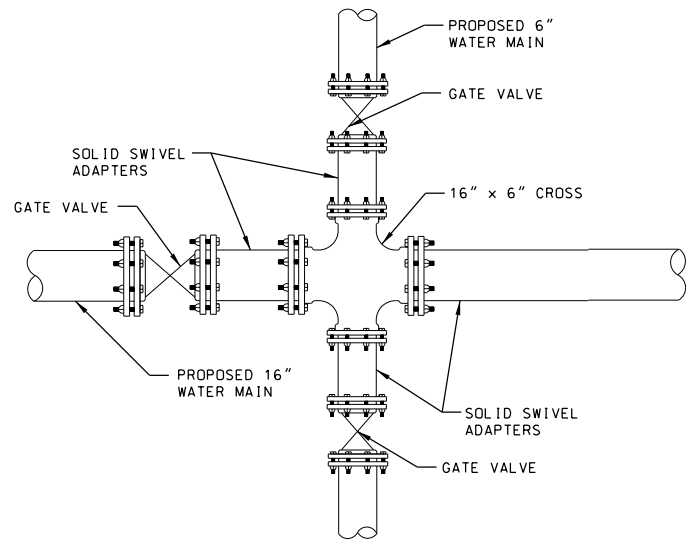
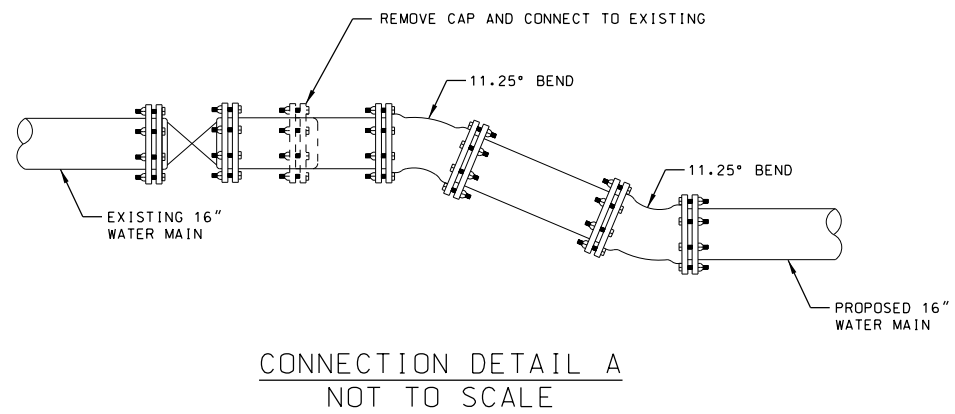
1. ALL STEEL ANGLES AND PLATES TO BE GALVANIZED AFTER FABRICATION.
2. ALL RESTRICTOR PLATES, ANGLES AND HARDWARE TO BE INCLUDED IN THE COST OF THE MANHOLE.
3. BASIS OF PAYMENT: "MANHOLES, TYPE A, 6 FT. (1.8 m) DIAMETER, TYPE I FRAME, CLOSED LID, RESTRICTOR PLATE" EACH

RESTRICTOR TYPE					
1	2	3	4	5	6
RE-ENTRANT TUBE	SHARP EDGED	SQUARE EDGED	RE-ENTRANT TUBE	SQUARE EDGED	ROUNDED
LENGTH: 1/2 TO 1 DIA.		STREAM CLEARS SIDES	LENGTH: 2-1/2 DIA.	LENGTH: 2-1/2 DIA.	
C=.52	C=.61	C=.61	C=.73	C=.82	C=.98

VALUES OF "C" FOR CIRCULAR AND SQUARE ORIFICES

I.D.	STATION	MANHOLE DIAMETER	FRAME AND GRATE	RESTRICTOR TYPE	INSIDE RESTRICTOR TYPE DIAMETER (IN.) (d)	INVERT OF RESTRICTOR TYPE	ELEVATION OF TOP OF PLATE OVERFLOW
MH 5-24	176+31.23, 17.30' RT	6'-0"	2-TY 1 FR W/CLOSED LIDS	TYPE 2	21"	540.58	543.63
MH 5-36	182+19.30, 22.00' LT	6'-0"	2-TY 1 FR W/CLOSED LIDS	TYPE 2	30"	534.80	539.07
INLET 5-38	182+60.57, 29.50' LT	6'-0"	TY 3 F&G, TY 1 FR W/CLOSED LID	TYPE 2	18"	537.85	540.14
MH 6-18	198+42.30, 22.00' RT	6'-0"	2-TY 1 FR W/CLOSED LIDS	TYPE 2	18"	536.87	539.66
MH 7-22	213+07.16, 45.08' LT	6'-0"	2-TY 1 FR W/CLOSED LIDS	TYPE 2	18"	534.11	537.17
INLET 8-7	221+32.97, 29.50' LT	6'-0"	TY 3 F&G, TY 1 FR W/CLOSED LID	TYPE 2	18"	534.03	537.70
MH 9-1	228+02.79, 54.70' LT	6'-0"	2-TY 1 FR W/CLOSED LIDS	TYPE 2	24"	540.00	544.17

TYPICAL VALVE VAULT DETAIL



**NOTES:**

HYDRANTS ARE TO BE SET ON 6" LATERALS, ISOLATED BY A GATE VALVE WITH BOX, AND RESTRAINED WITH SET SCREW RETAINER GLANDS, AND CONCRETE THRUST BLOCKS.

FIRE HYDRANT ASSEMBLY TO INCLUDE 6" GATE VALVE, VALVE BOX, 6" LEAD PIPE, AND 6" FIRE HYDRANT.

LINE ENDS ARE TO BE CAPPED WITH MECHANICAL JOINT CAP AND A SET SCREW RETAINER GLAND, NO GREATER THAN 5 FEET PAST THE GATE VALVE OR TAPPING SLEEVE.

ALL VALVES AND FITTINGS SUCH AS TEES, CROSSES, REDUCERS, ELBOWS, CAPS, PLUGS, ETC., SHALL BE DUCTILE IRON WITH MECHANICAL JOINTS AND INCLUDE TRANSITION GASKETS, AND THEY SHALL BE RESTRAINED WITH SET SCREW RETAINER GLANDS AND CONCRETE THRUST BLOCKS.

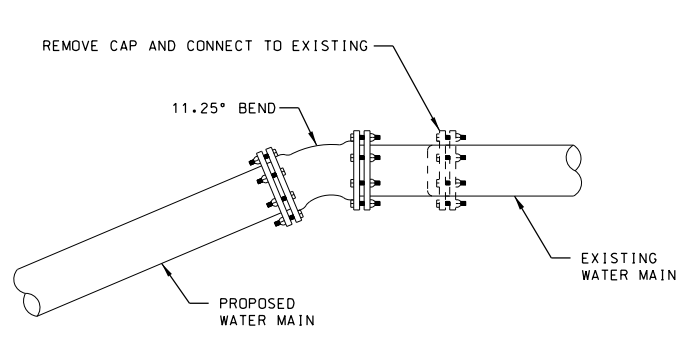
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**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

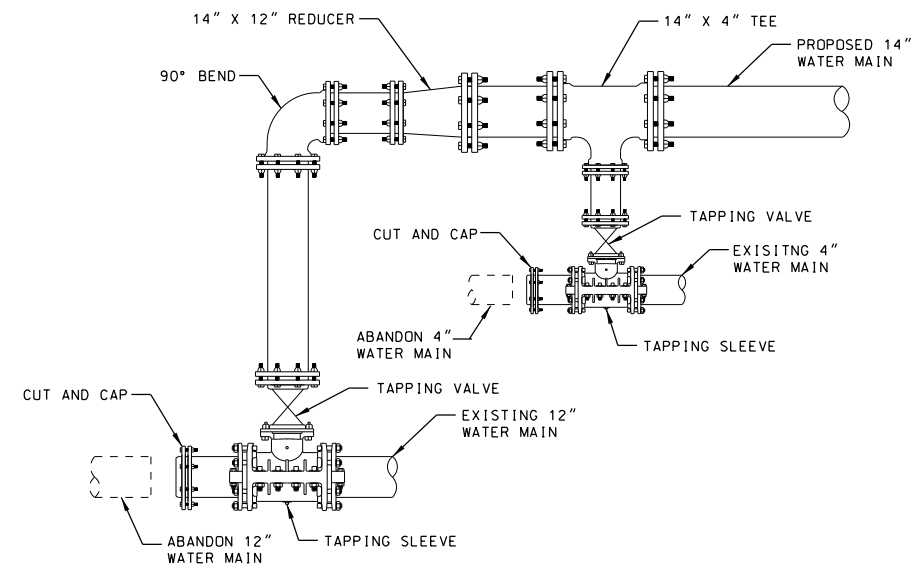
**WATER MAIN CONNECTION DETAILS**

SCALE: SHEET NO. 5 OF 7 SHEETS STA. TO STA.

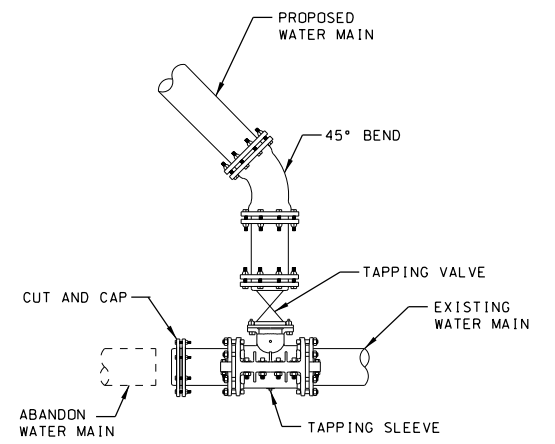
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
600	60-(30,31,128)-3	MADISON	529	231
CONTRACT NO. 76885				
ILLINOIS FED. AID PROJECT				



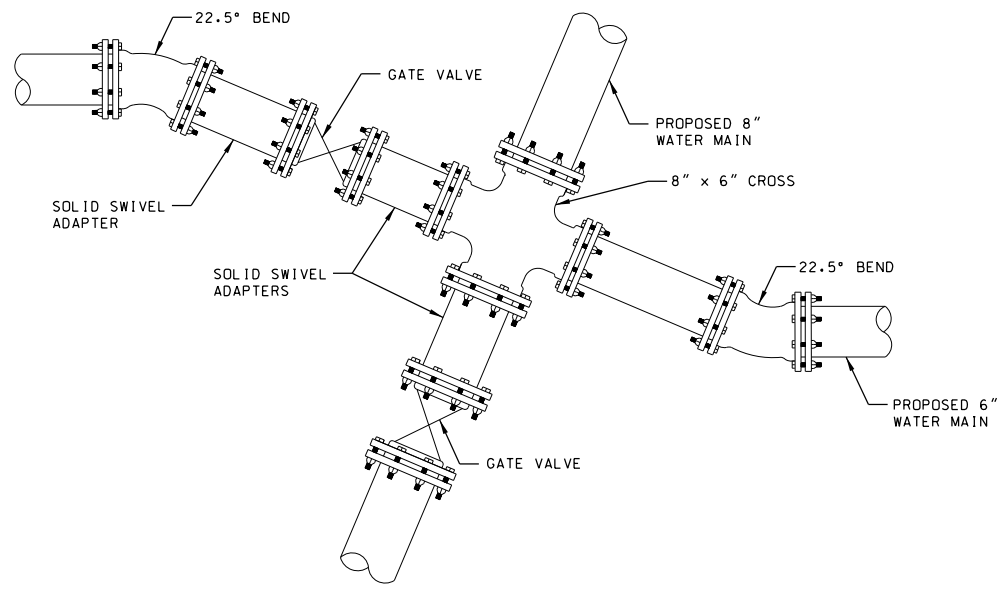
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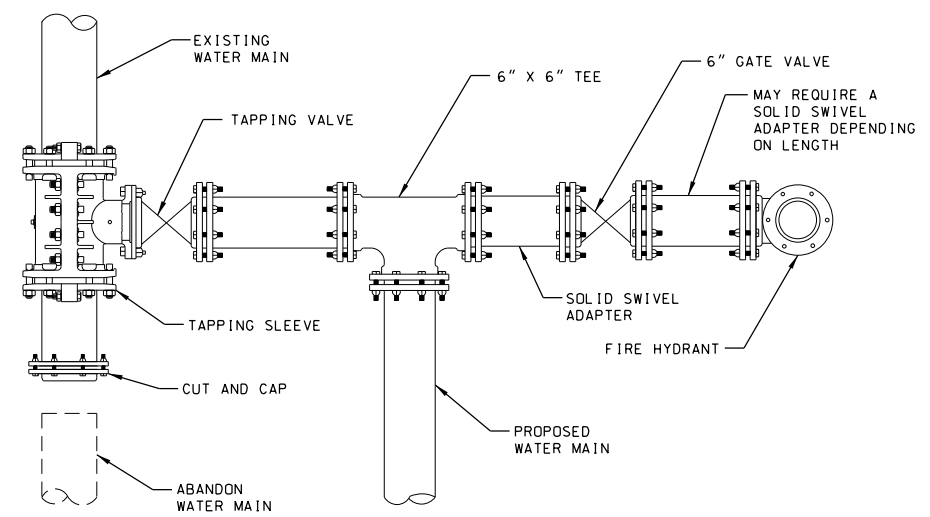
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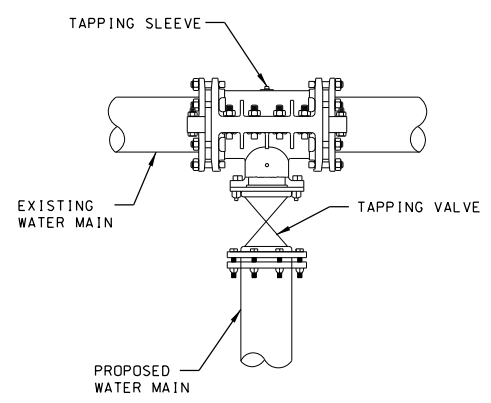
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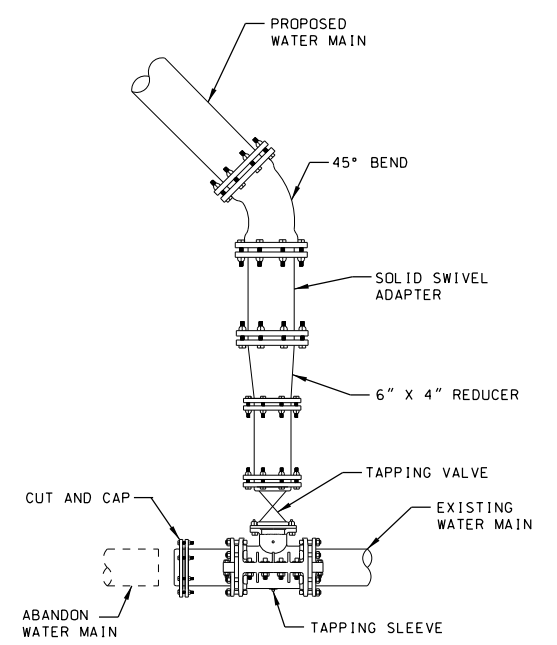
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CONNECTION DETAIL K  
NOT TO SCALE



CONNECTION DETAIL J  
NOT TO SCALE



CONNECTION DETAIL L  
NOT TO SCALE

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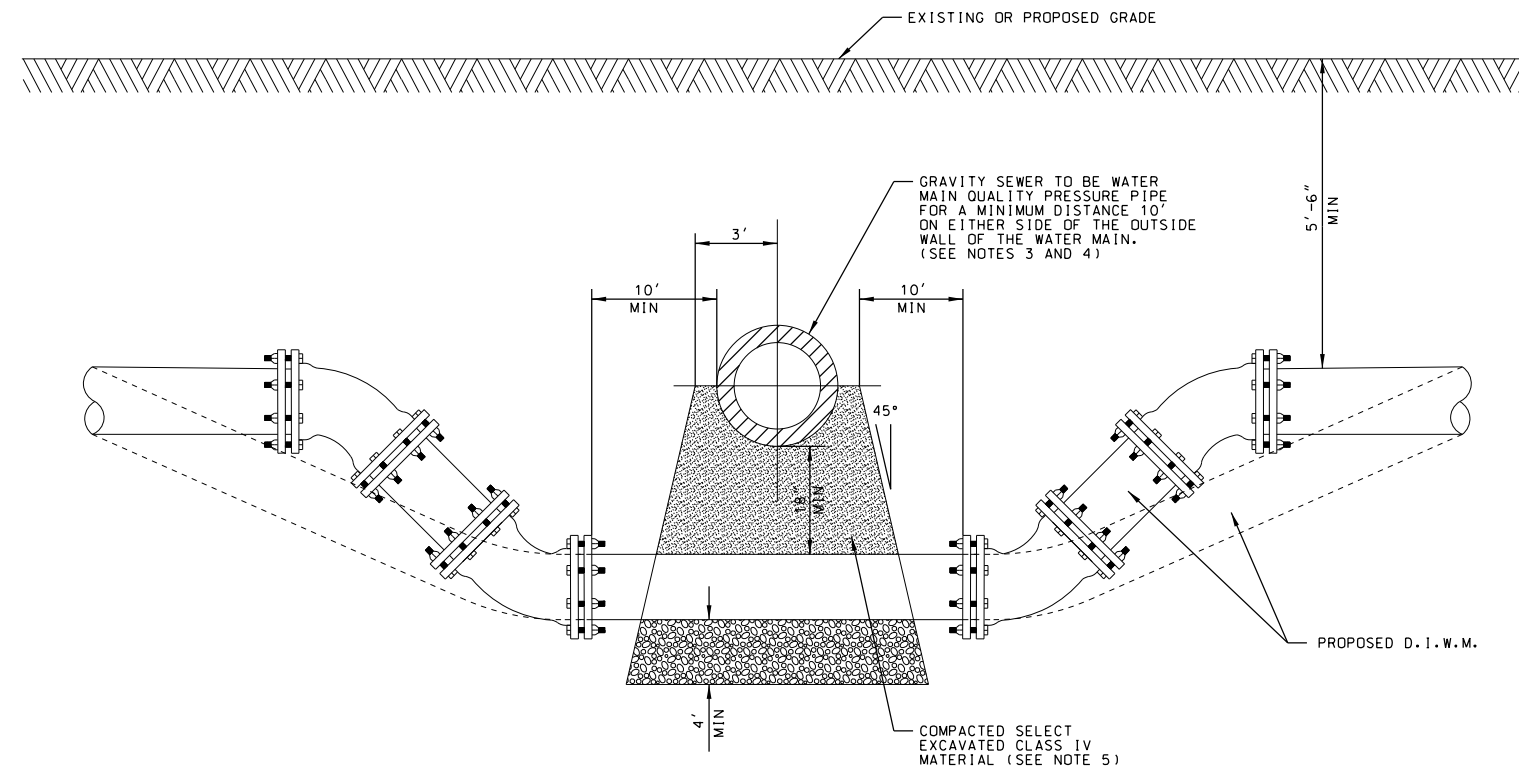
STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

WATER MAIN CONNECTION DETAILS

SCALE: SHEET NO. 6 OF 7 SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
600	60-(30,31,128)-3	MADISON	529	232
CONTRACT NO. 76B85				
ILLINOIS FED. AID PROJECT				





1. HORIZONTAL AND VERTICAL SEPARATION BETWEEN WATER MAINS AND SEWERS SHALL COMPLY WITH SECTION 652.03 OF THE STANDARD SPECIFICATIONS FOR SEWERS AND WATER MAIN CONSTRUCTION IN ILLINOIS, LATEST EDITION.
2. CONTRACTOR MAY BEND WATER MAIN PIPE UNIFORMLY UNDER SEWERS WITHOUT USING FITTINGS PROVIDED THAT JOINT DEFLECTION DOES NOT EXCEED 5 DEGREES PER JOINT FOR PIPE UNDER 14" IN SIZE AND 3 DEGREES PER JOINT FOR PIPE 14" AND OVER IN SIZE. IF FITTINGS ARE USED, CONTINUOUS STRAPPING WITH RODS, STRAPS, NUTS, AND BOLTS BELOW NORMAL WATER MAIN DEPTH ARE REQUIRED OR RETAINER GLANDS MAY BE USED IN LEU OF STRAPPING. RETAINER GLANDS TO BE CLOW NO. F-1058. OR APPROVED EQUAL.
3. ALL SANITARY SEWER (INCLUDING SERVICE) CROSSINGS WHERE THE WATER MAINS OR WATER SERVICES ARE LESS THAN 18" VERTICALLY ABOVE THE SEWER SHALL BE POLYVINYL CHLORIDE PRESSURE PIPE (SDR 26-160 PSI) AND SHALL CONFORM WITH THE LATEST REVISION OF ASTM SPECIFICATION D-2241. JOINTS SHALL CONFORM TO ASTM D-3139 AND ELASTOMERIC GASKETS SHALL CONFORM TO ASTM F-477. THE SAME PIPE AND JOINT MATERIAL SHALL BE USED WHENEVER WATER MAIN CROSSES BELOW THE SEWER.
4. ALL STORM SEWER CROSSINGS WHERE THE WATER MAINS OR WATER SERVICES ARE LESS THAN 18" VERTICALLY ABOVE THE STORM SEWER. SHALL BE REINFORCED PRECAST CONCRETE SEWER PIPE, ASTM C-76 OR C-361 PIPE WITH RUBBER GASKET JOINTS PER ASTM C-443, OR PVC SDR 26 AS SPECIFIED IN NOTE 3 ABOVE. THE SAME PIPE AND JOINT MATERIAL SHALL BE USED WHENEVER WATER MAIN CROSSES BELOW THE SEWER.
5. COMPACTED MATERIAL BELOW SEWER SHALL CONFORM TO STANDARD SPECS.

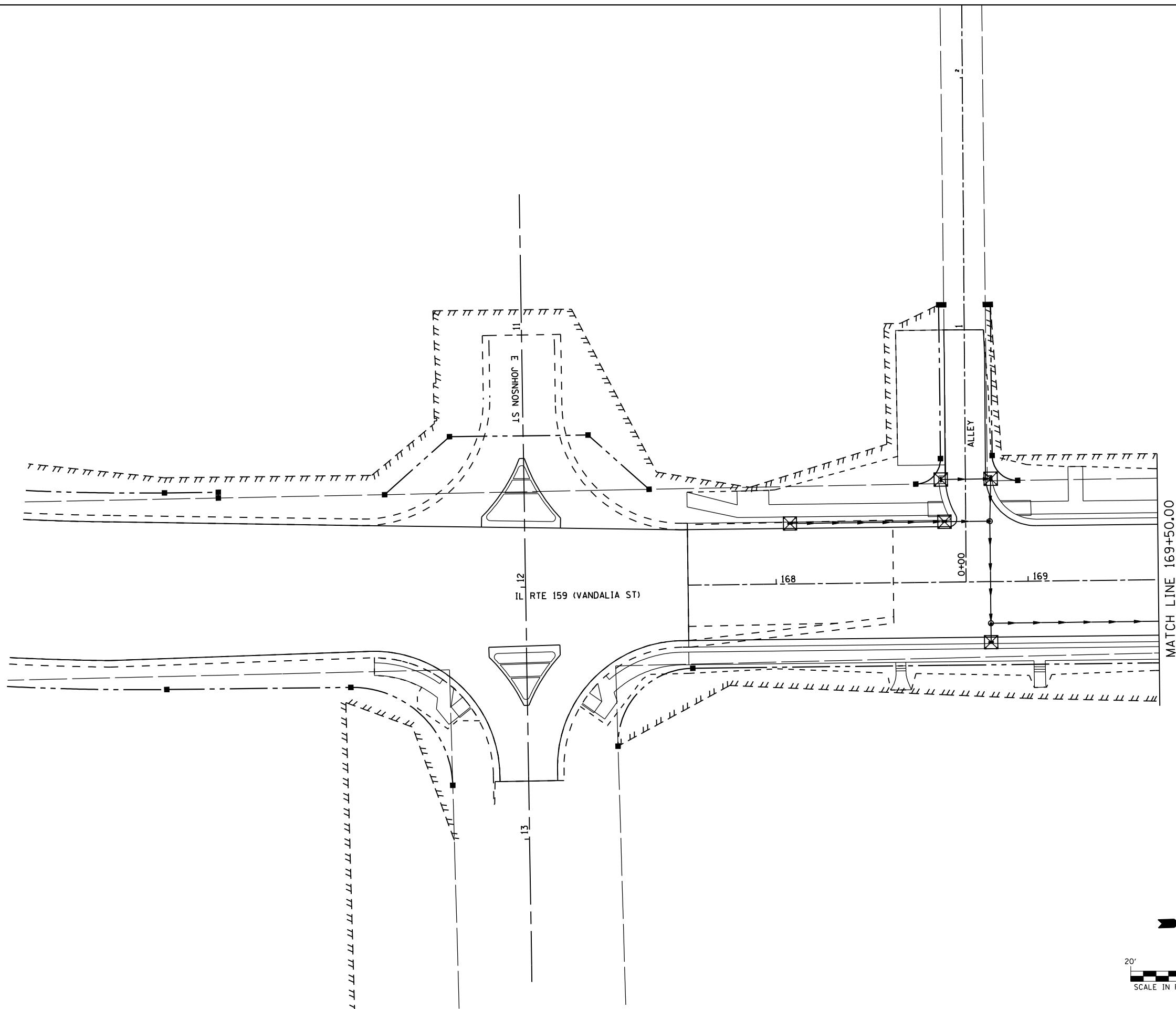
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**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**




**WATER MAIN CONNECTION DETAILS**

SCALE: SHEET NO. 7 OF 7 SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
600	60-(30,31,128)-3	MADISON	529	233
CONTRACT NO. 76B85				
ILLINOIS FED. AID PROJECT				



**EROSION CONTROL KEY**

-  INLET AND PIPE PROTECTION
-  PERIMETER EROSION BARRIER
-  EROSION CONTROL BLANKET

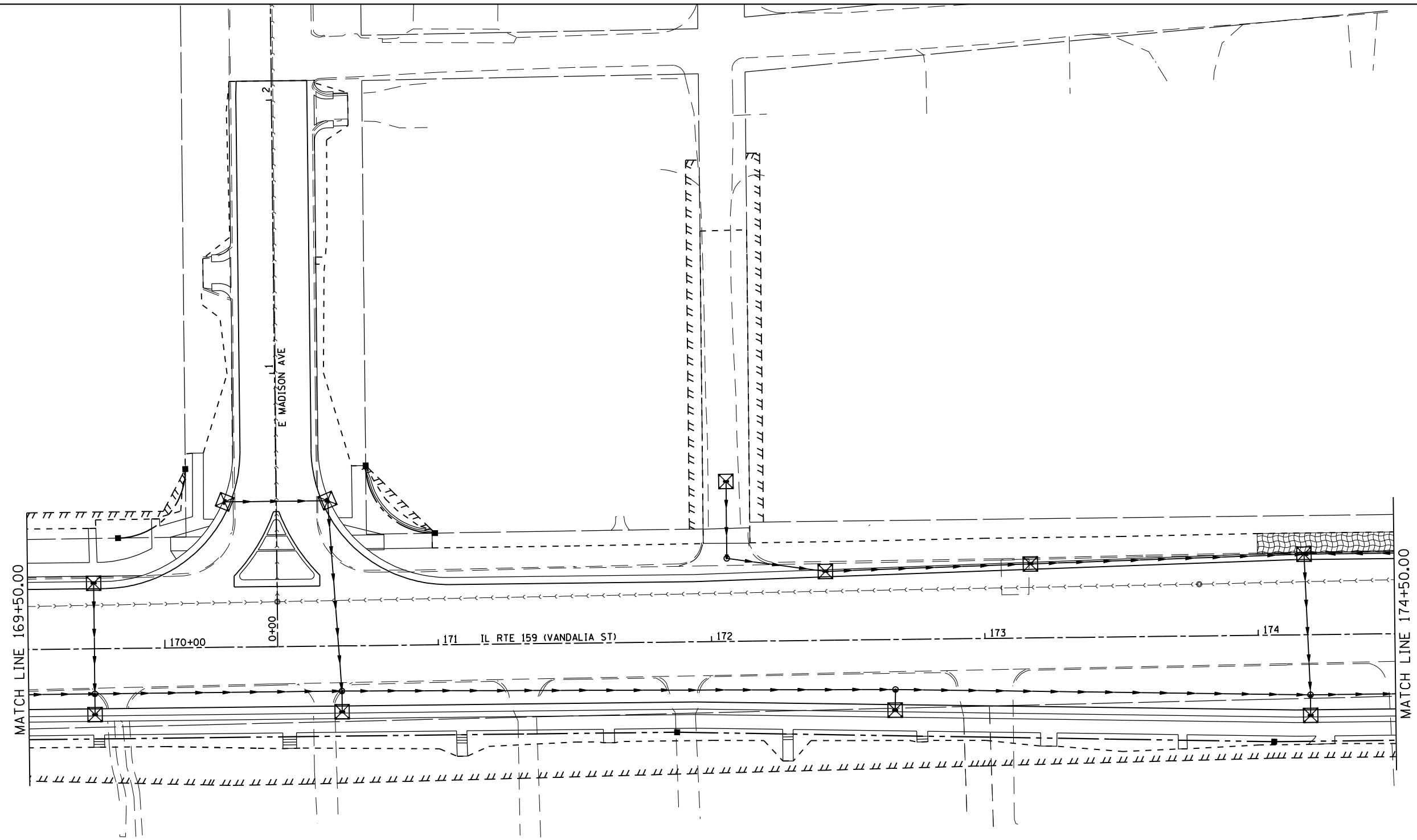
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**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**




**EROSION CONTROL PLAN**

SCALE: 1" = 20'    SHEET NO. 1 OF 16 SHEETS    STA. 164+50 TO STA. 169+50

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
600	60-(30.31.128)-3	MADISON	529	234
CONTRACT NO. 76B85				
ILLINOIS FED. AID PROJECT				



EROSION CONTROL KEY

-  INLET AND PIPE PROTECTION
-  PERIMETER EROSION BARRIER
-  EROSION CONTROL BLANKET



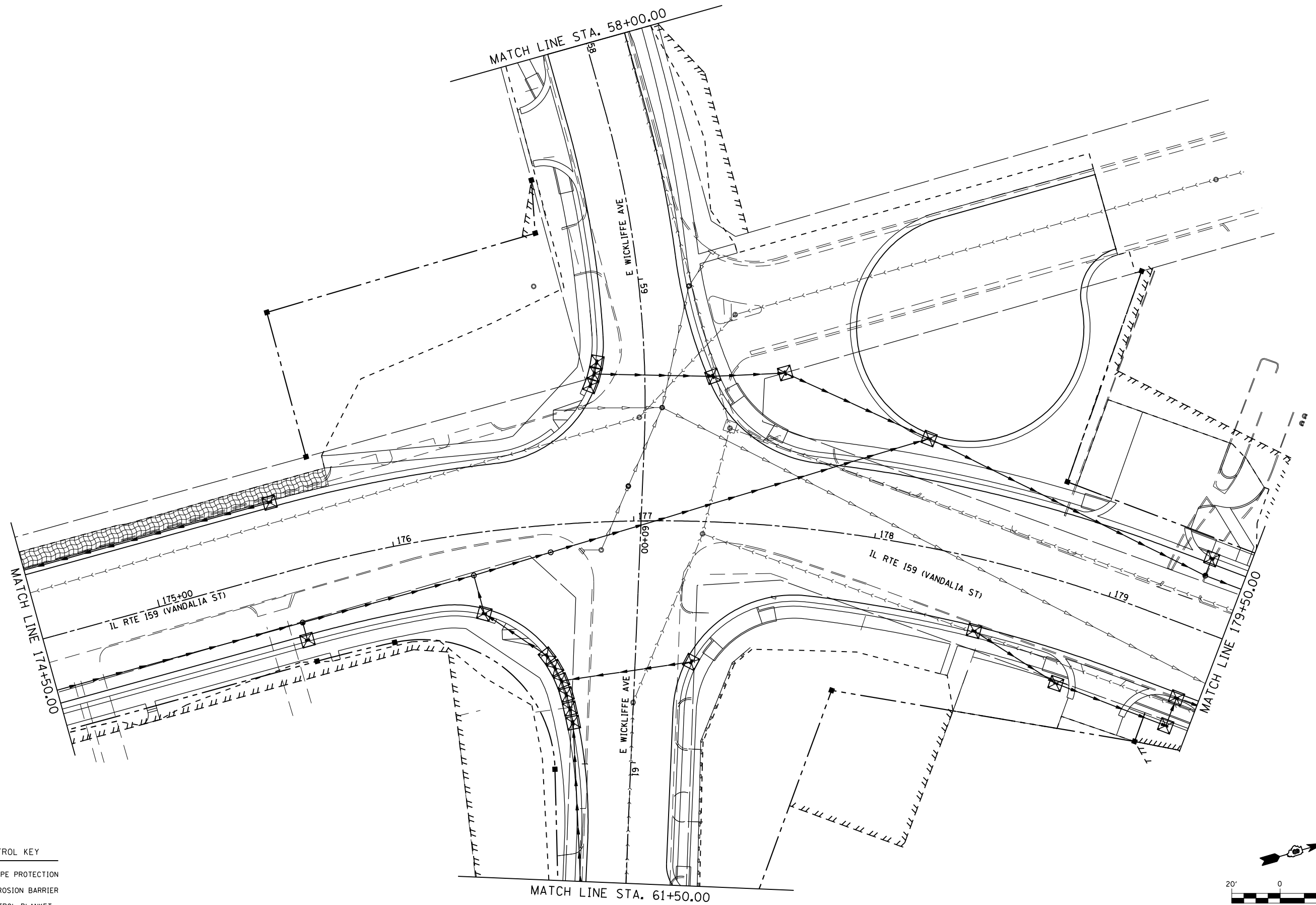
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**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**EROSION CONTROL PLAN**

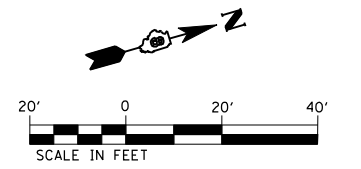
SCALE: 1" = 20' SHEET NO. 2 OF 16 SHEETS STA. 169+50 TO STA. 174+50

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
600	60-(30.31.128)-3	MADISON	529	235
CONTRACT NO. 76885				
ILLINOIS FED. AID PROJECT				



**EROSION CONTROL KEY**

	INLET AND PIPE PROTECTION
	PERIMETER EROSION BARRIER
	EROSION CONTROL BLANKET



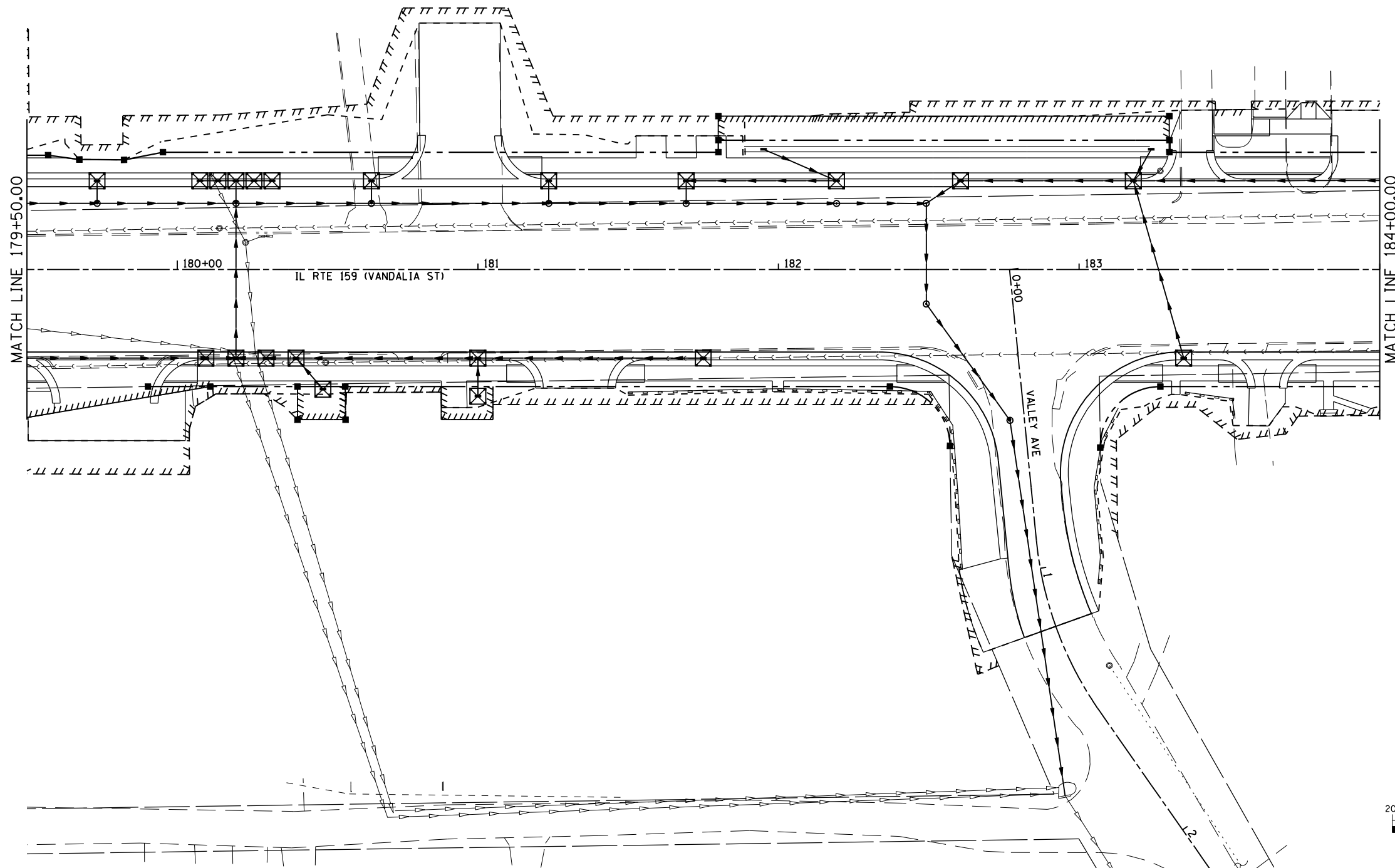
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

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**EROSION CONTROL PLAN**

SCALE: 1" = 20' SHEET NO. 3 OF 16 SHEETS STA. 174+50 TO STA. 179+50

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
600	60-(30.31.128)-3	MADISON	529	236
CONTRACT NO. 76885				
ILLINOIS FED. AID PROJECT				



- EROSION CONTROL KEY**
-  INLET AND PIPE PROTECTION
  -  PERIMETER EROSION BARRIER
  -  EROSION CONTROL BLANKET

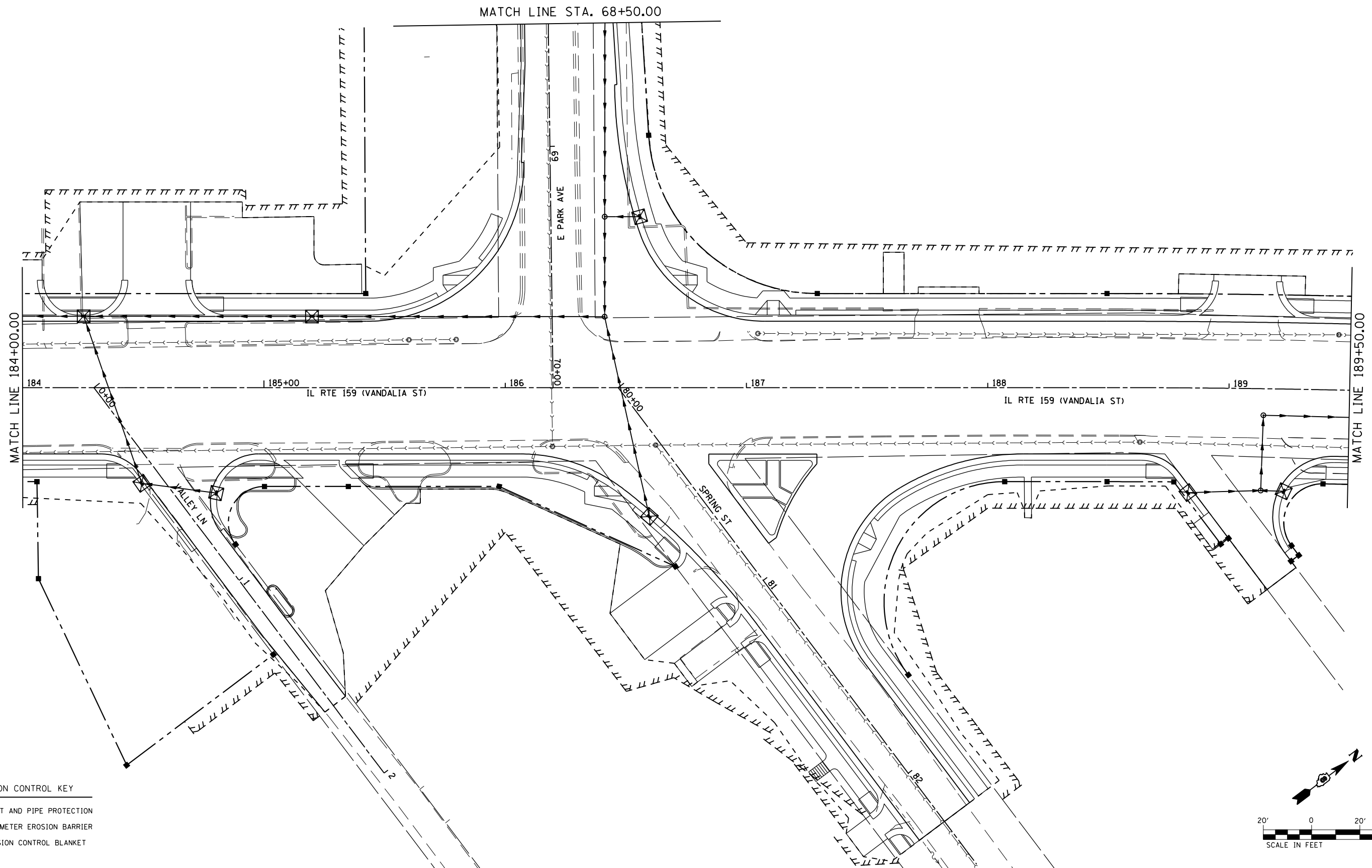
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

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

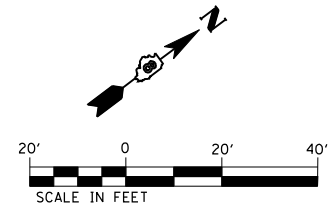
**EROSION CONTROL PLAN**

SCALE: 1" = 20'    SHEET NO. 4 OF 16 SHEETS    STA. 179+50    TO STA. 184+00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
600	60-(30.31.128)-3	MADISON	529	237
CONTRACT NO. 76885				
ILLINOIS FED. AID PROJECT				



- EROSION CONTROL KEY**
-  INLET AND PIPE PROTECTION
  -  PERIMETER EROSION BARRIER
  -  EROSION CONTROL BLANKET



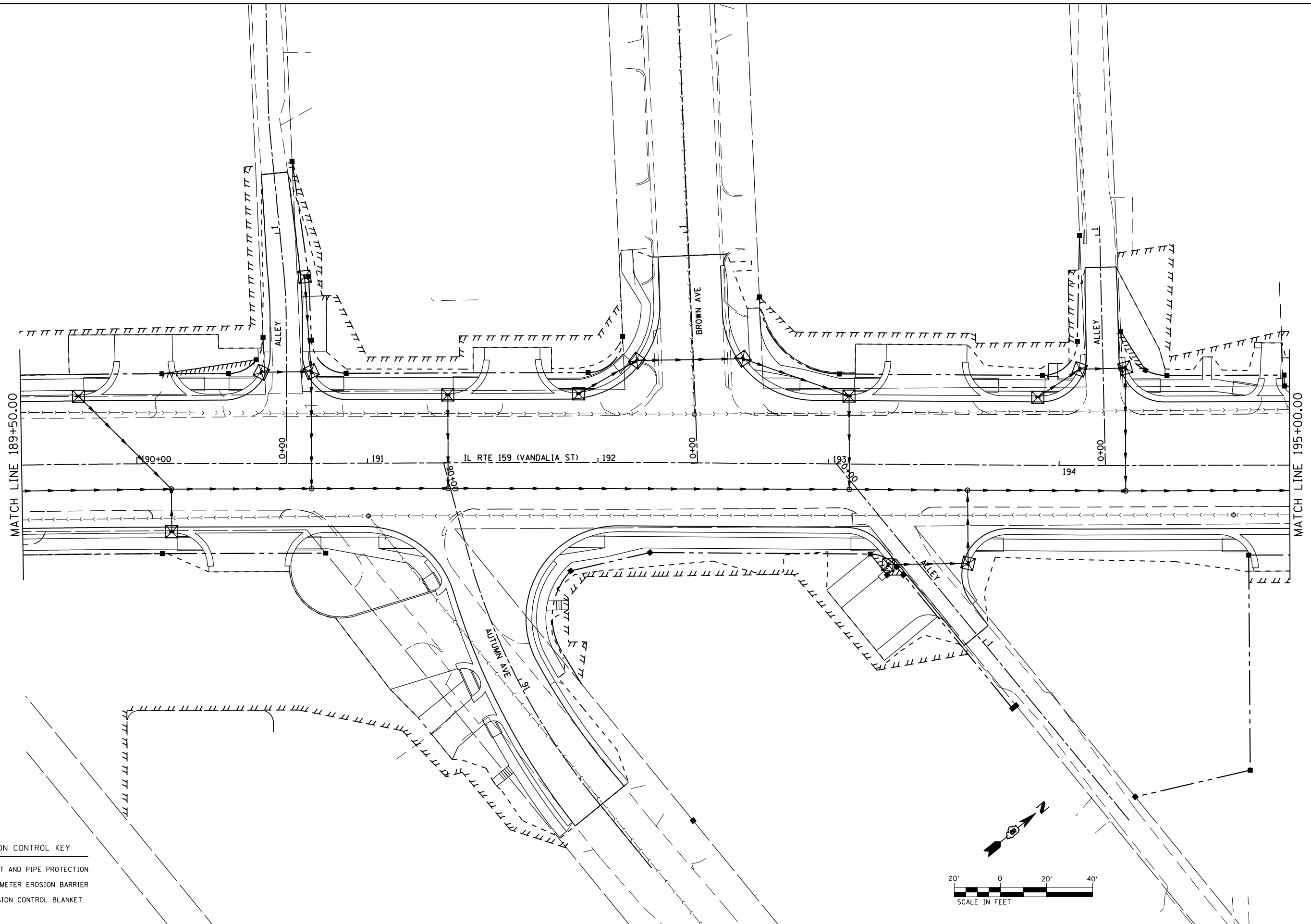
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**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**EROSION CONTROL PLAN**

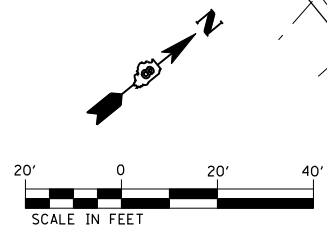
SCALE: 1" = 20' SHEET NO. 5 OF 16 SHEETS STA. 184+00 TO STA. 189+50

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
600	60-(30.31.128)-3	MADISON	529	238
CONTRACT NO. 76885				
ILLINOIS FED. AID PROJECT				



**EROSION CONTROL KEY**

	INLET AND PIPE PROTECTION
	PERIMETER EROSION BARRIER
	EROSION CONTROL BLANKET



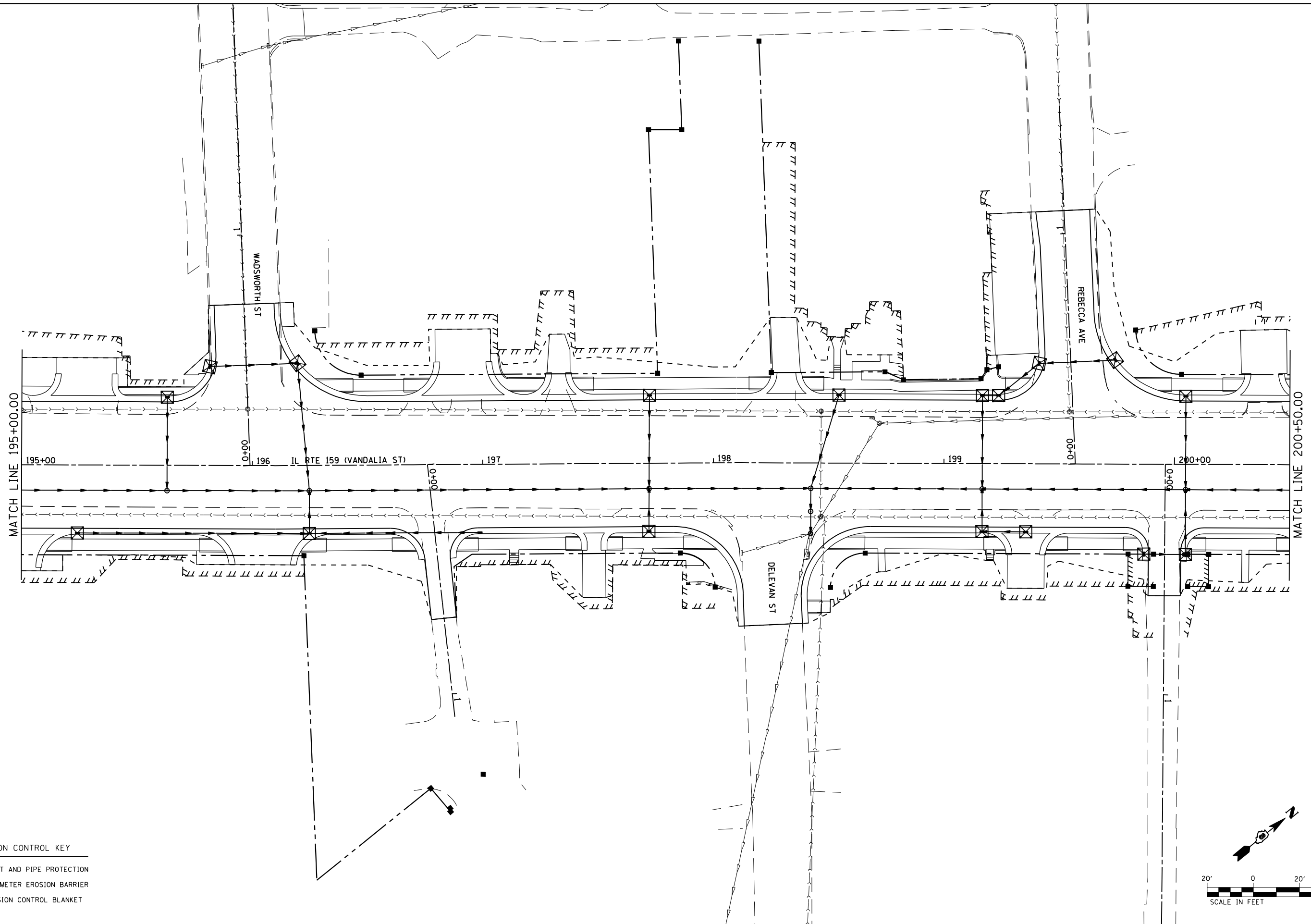
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**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**EROSION CONTROL PLAN**

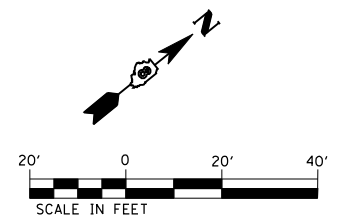
SCALE: 1" = 20' SHEET NO. 6 OF 16 SHEETS STA. 189+50 TO STA. 195+00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
600	60-(30.31.128)-3	MADISON	529	239
CONTRACT NO. 76885				
ILLINOIS FED. AID PROJECT				



**EROSION CONTROL KEY**

	INLET AND PIPE PROTECTION
	PERIMETER EROSION BARRIER
	EROSION CONTROL BLANKET



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**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

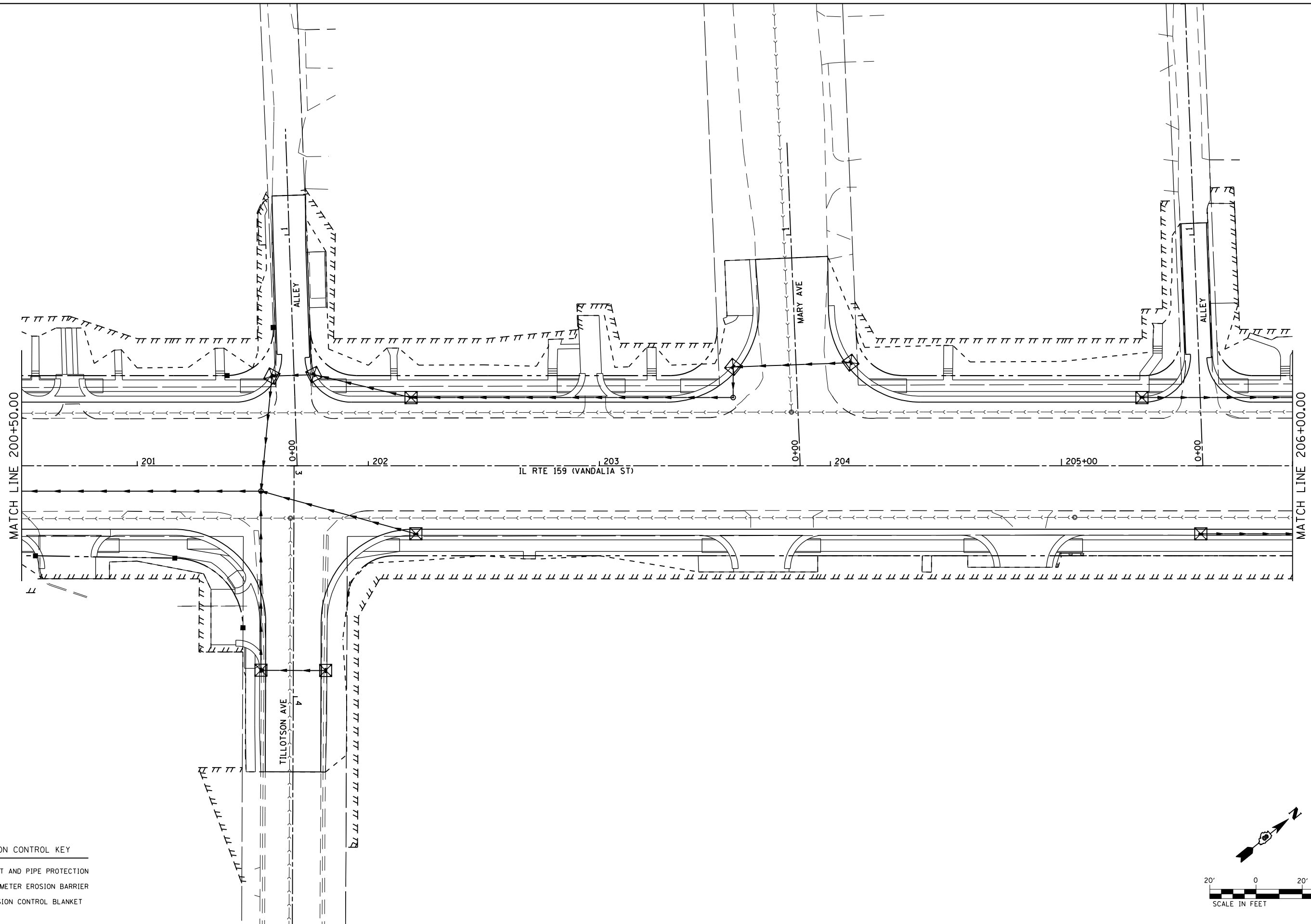
**EROSION CONTROL PLAN**

SCALE: 1" = 20'    SHEET NO. 7 OF 16 SHEETS    STA. 195+00 TO STA. 200+50




F.A.P. RTE. 600	SECTION 60-(30.31.128)-3	COUNTY MADISON	TOTAL SHEETS 529	SHEET NO. 240
CONTRACT NO. 76885				

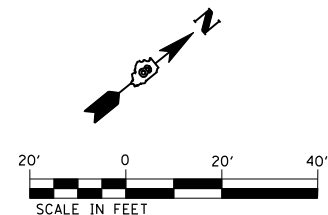
ILLINOIS FED. AID PROJECT





**EROSION CONTROL KEY**

-  INLET AND PIPE PROTECTION
-  PERIMETER EROSION BARRIER
-  EROSION CONTROL BLANKET



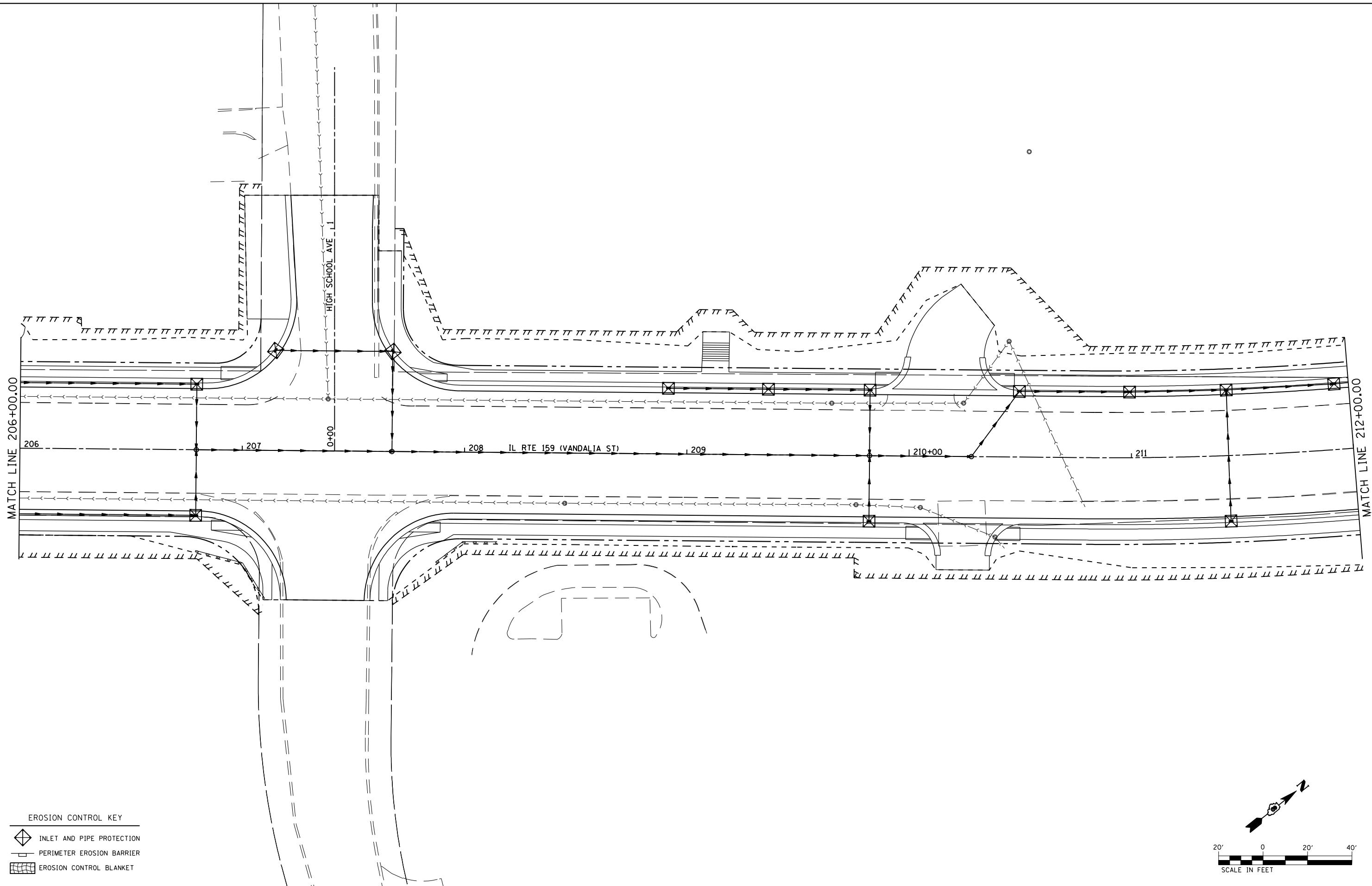
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**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**EROSION CONTROL PLAN**

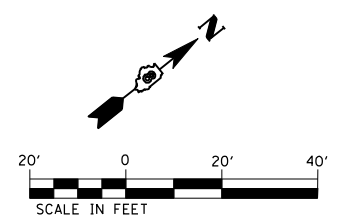
SCALE: 1" = 20' SHEET NO. 8 OF 16 SHEETS STA. 200+50 TO STA. 206+00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
600	60-(30.31.128)-3	MADISON	529	241
CONTRACT NO. 76885				
ILLINOIS FED. AID PROJECT				

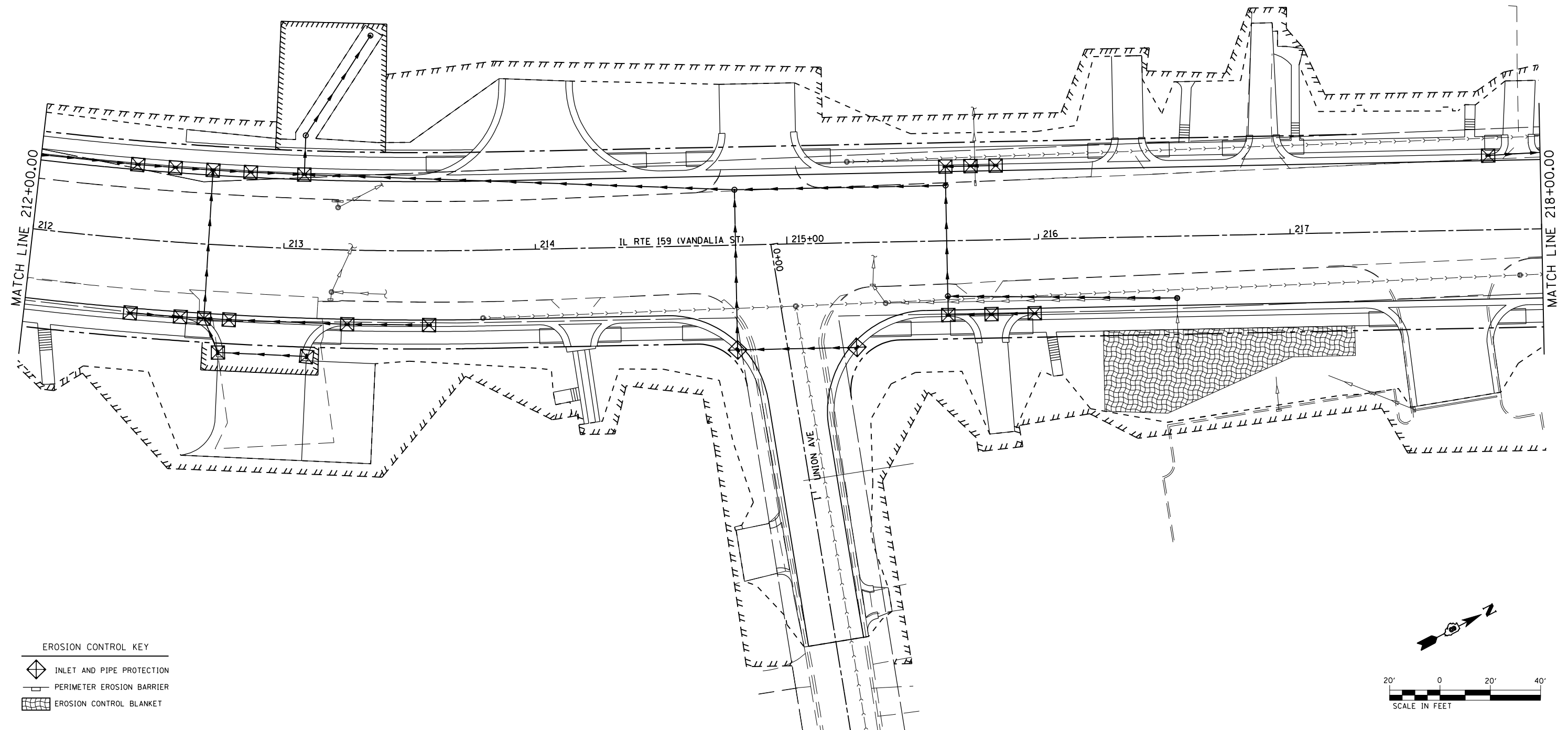


**EROSION CONTROL KEY**




	INLET AND PIPE PROTECTION
	PERIMETER EROSION BARRIER
	EROSION CONTROL BLANKET



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	PLOT DATE = 1/24/2013	DATE -01/25/2013	REVISED -		ILLINOIS FED. AID PROJECT							



**EROSION CONTROL KEY**

-  INLET AND PIPE PROTECTION
-  PERIMETER EROSION BARRIER
-  EROSION CONTROL BLANKET

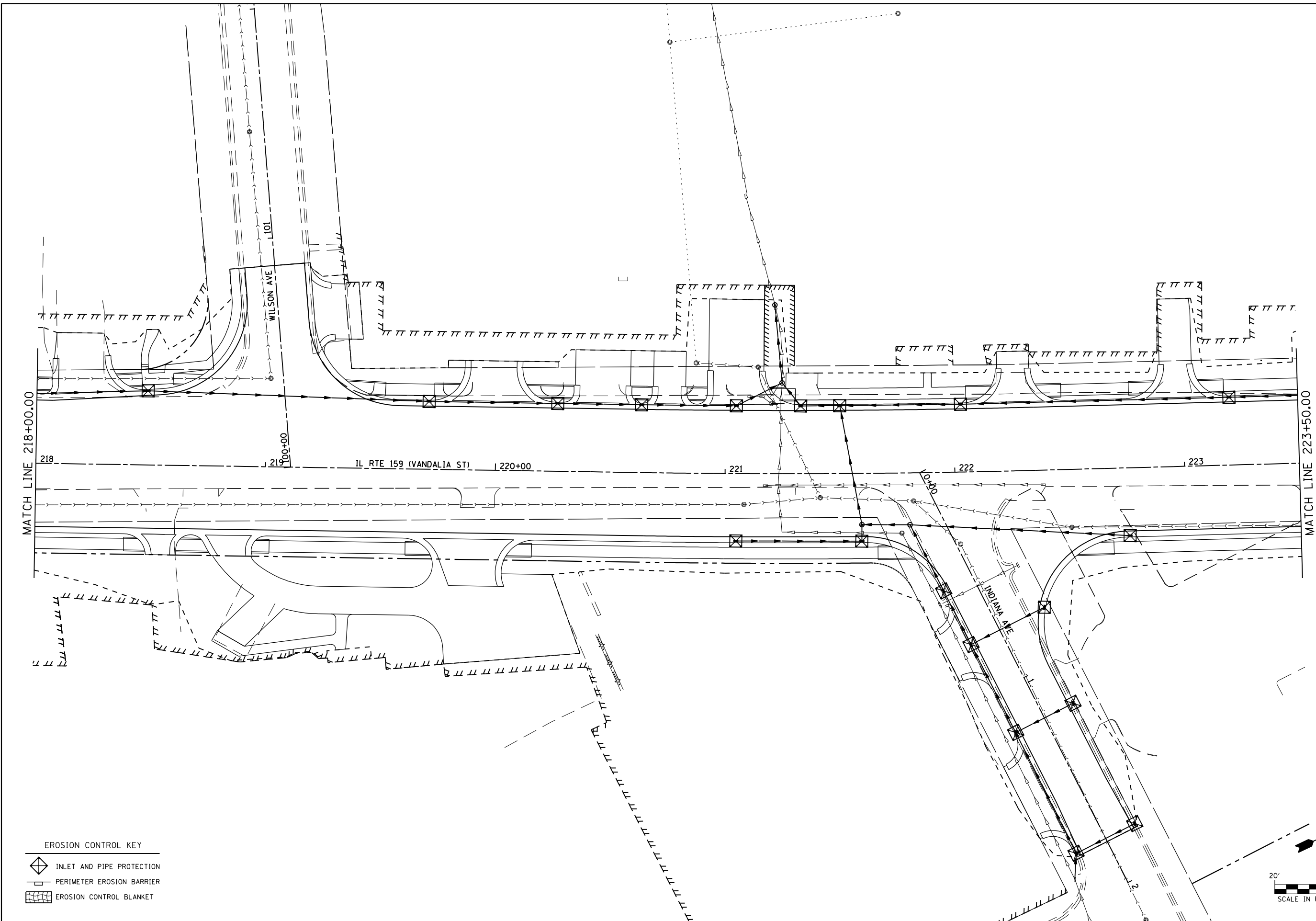
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

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

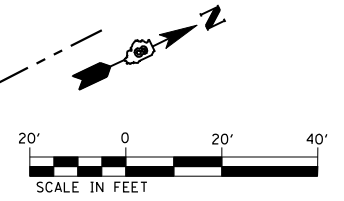
**EROSION CONTROL PLAN**

SCALE: 1" = 20' SHEET NO. 10 OF 16 SHEETS STA. 212+00 TO STA. 218+00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
600	60-(30.31.128)-3	MADISON	529	243
CONTRACT NO. 76885				
ILLINOIS FED. AID PROJECT				



- EROSION CONTROL KEY**
-  INLET AND PIPE PROTECTION
  -  PERIMETER EROSION BARRIER
  -  EROSION CONTROL BLANKET



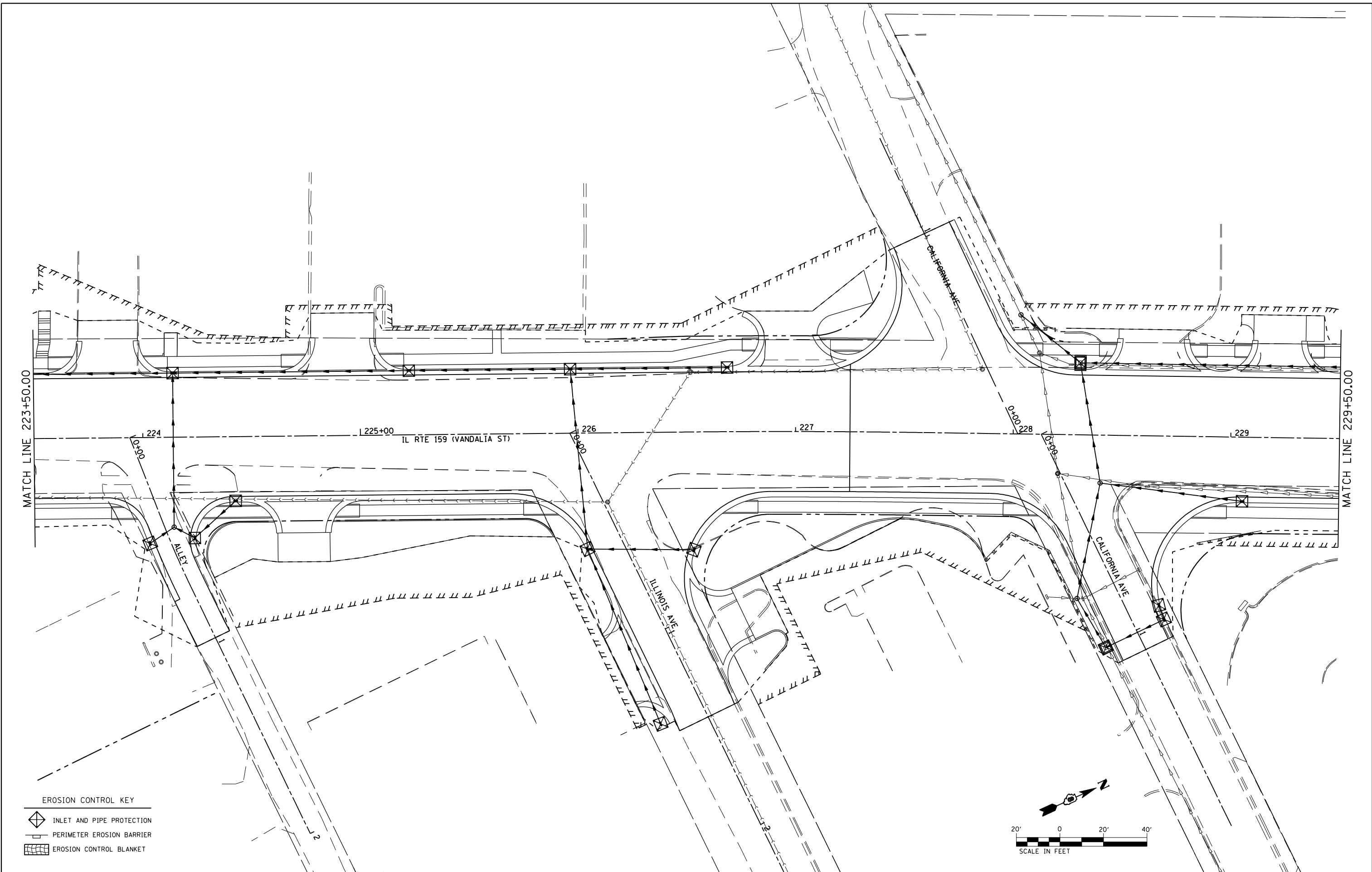
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

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

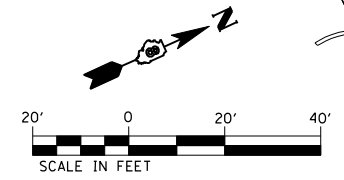
**EROSION CONTROL PLAN**

SCALE: 1" = 20'    SHEET NO. 11 OF 16 SHEETS    STA. 218+00    TO STA. 223+50

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
600	60-(30.31.128)-3	MADISON	529	244
CONTRACT NO. 76B85				
ILLINOIS FED. AID PROJECT				



- EROSION CONTROL KEY**
-  INLET AND PIPE PROTECTION
  -  PERIMETER EROSION BARRIER
  -  EROSION CONTROL BLANKET



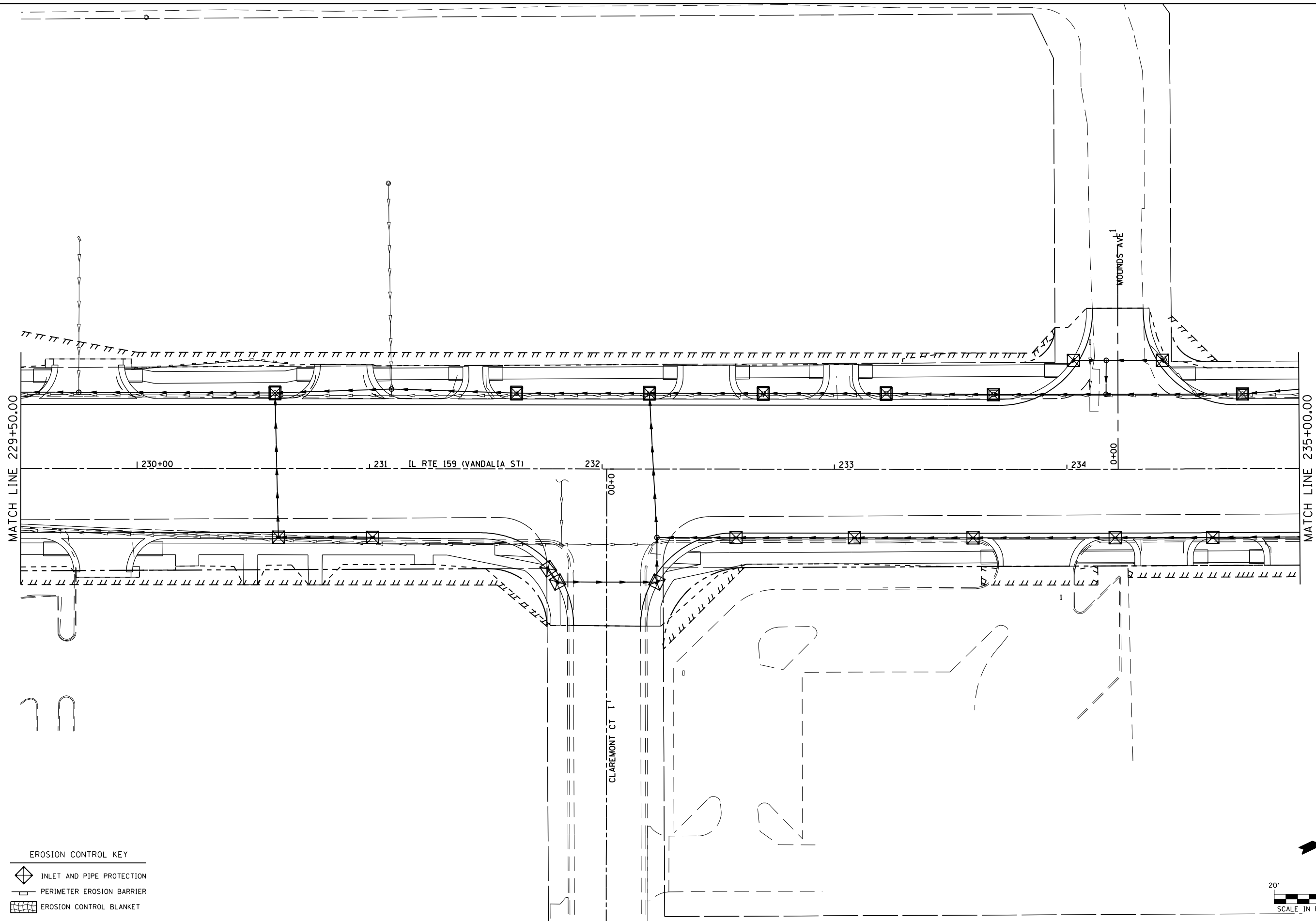
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	PLOT DATE = 1/24/2013	DATE -01/25/2013	REVISED -

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**EROSION CONTROL PLAN**

SCALE: 1" = 20'    SHEET NO. 12 OF 16 SHEETS    STA. 223+50    TO STA. 229+50

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
600	60-(30.31.128)-3	MADISON	529	245
CONTRACT NO. 76885				
ILLINOIS FED. AID PROJECT				



- EROSION CONTROL KEY**
- INLET AND PIPE PROTECTION
  - PERIMETER EROSION BARRIER
  - EROSION CONTROL BLANKET

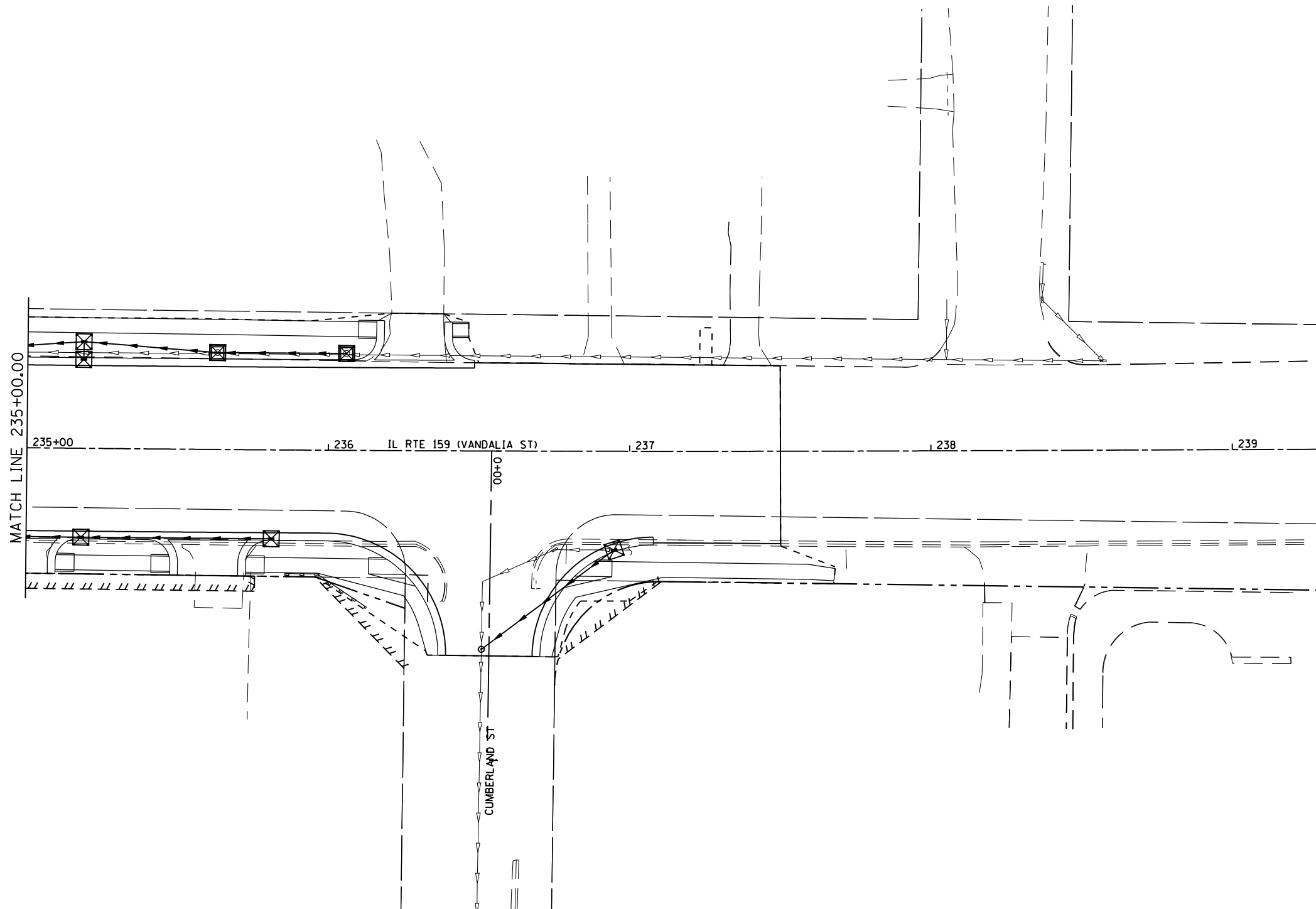
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**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**




**EROSION CONTROL PLAN**

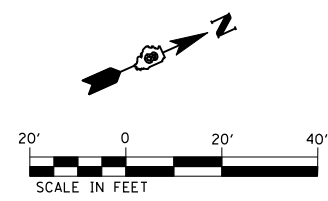
SCALE: 1" = 20'    SHEET NO. 13 OF 16 SHEETS    STA. 229+50    TO STA. 235+00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
600	60-(30.31.128)-3	MADISON	529	246
CONTRACT NO. 76885				
ILLINOIS FED. AID PROJECT				



EROSION CONTROL KEY

-  INLET AND PIPE PROTECTION
-  PERIMETER EROSION BARRIER
-  EROSION CONTROL BLANKET



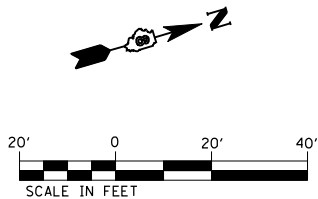
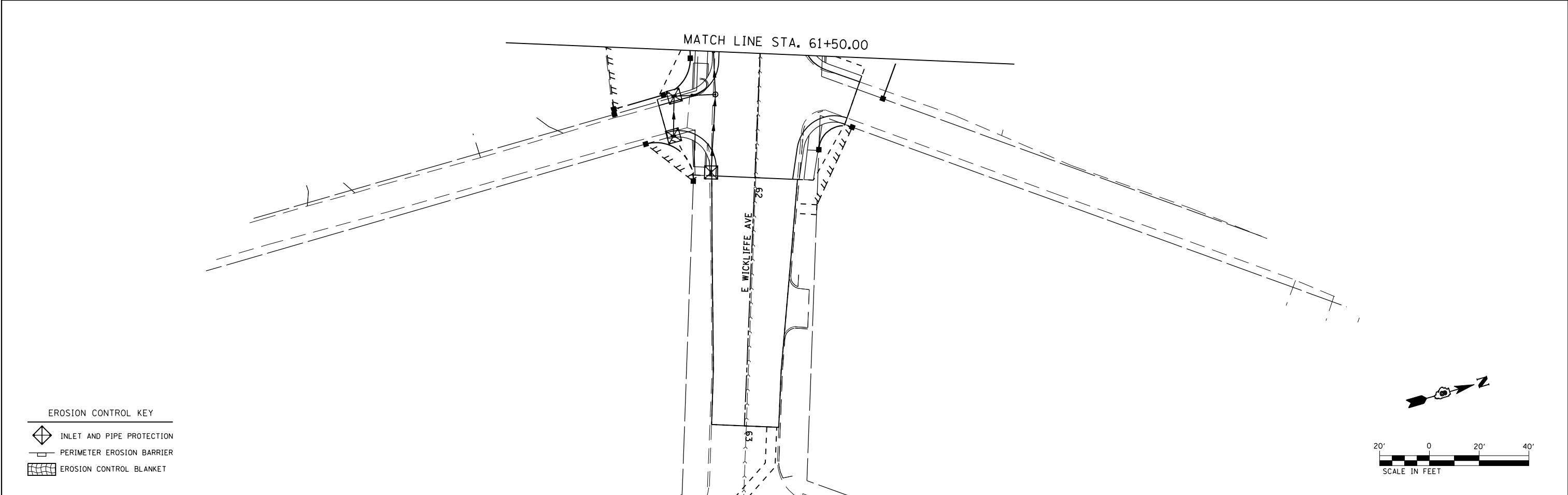
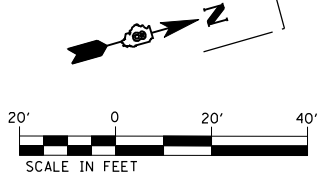
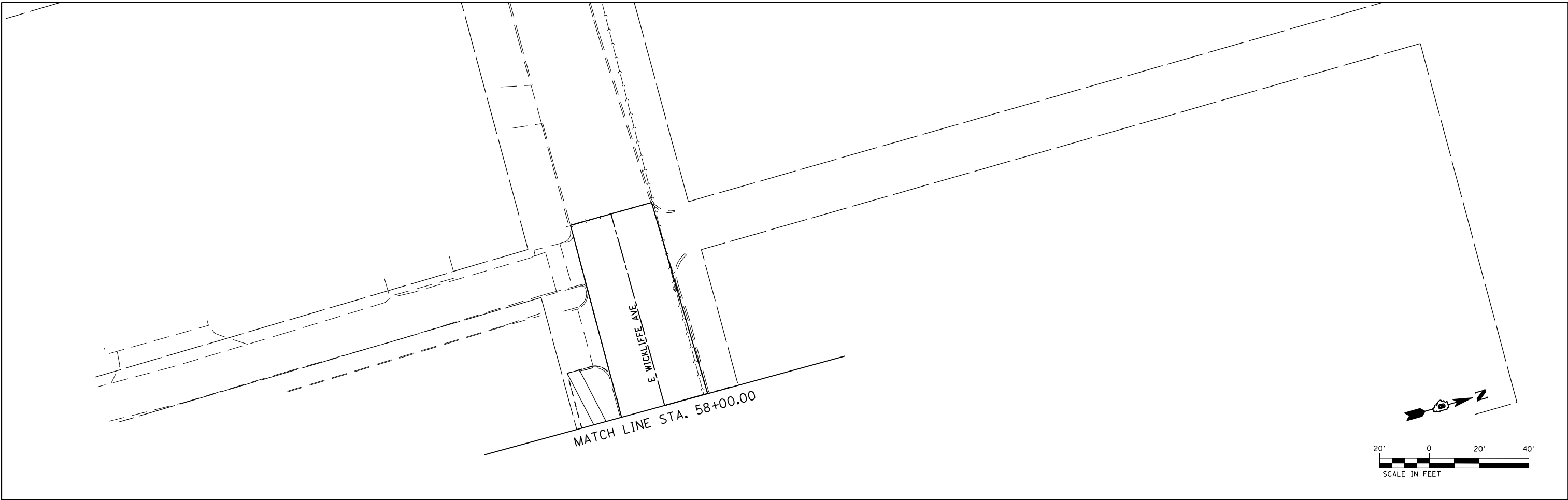
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

**EROSION CONTROL PLAN**

SCALE: 1" = 20' SHEET NO. 14 OF 16 SHEETS STA. 235+00 TO STA. 239+29.51

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
600	60-(30.31.128)-3	MADISON	529	247
CONTRACT NO. 76B85			ILLINOIS FED. AID PROJECT	



**EROSION CONTROL KEY**

-  INLET AND PIPE PROTECTION
-  PERIMETER EROSION BARRIER
-  EROSION CONTROL BLANKET

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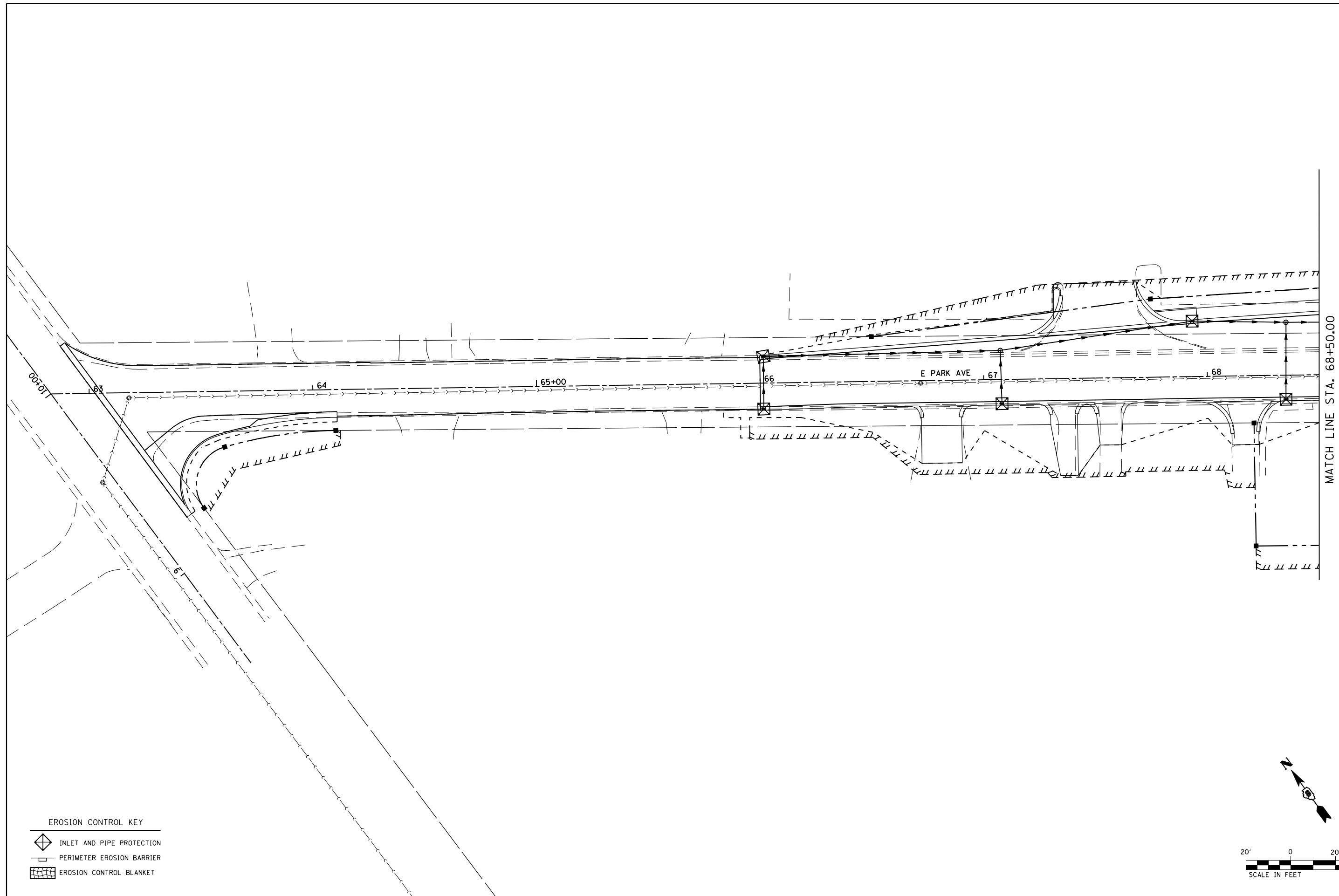
**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**EROSION CONTROL PLAN**




SCALE: 1" = 20'    SHEET NO. 15 OF 16 SHEETS    STA.    TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
600	60-(30.31.128)-3	MADISON	529	248
CONTRACT NO. 76B85				
ILLINOIS FED. AID PROJECT				





**EROSION CONTROL KEY**

-  INLET AND PIPE PROTECTION
-  PERIMETER EROSION BARRIER
-  EROSION CONTROL BLANKET

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**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**EROSION CONTROL PLAN**

SCALE: 1" = 20'    SHEET NO. 16 OF 16 SHEETS    STA.    TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
600	60-(30,31,128)-3	MADISON	529	249
CONTRACT NO. 76885				
ILLINOIS FED. AID PROJECT				

**SEQUENCE OF CONSTRUCTION**

**STAGE I HIGHWAY - SHORT TERM PAVEMENT CONSTRUCTION**

1. SHIFT TRAFFIC TO STAGE I TRAFFIC CONFIGURATION.
2. REMOVE EXISTING CURBS AND GUTTERS ON WEST SIDE OF ROADWAY NECESSARY FOR CONSTRUCTION OF TEMPORARY HMA BINDER AND SURFACE.
3. ACCESS TO PRIVATE ENTRANCES AND ALLEYS SHALL BE MAINTAINED AT ALL TIMES EXCEPT DURING CURB & GUTTER AND DRIVEWAY/ALLEY PAVEMENT CONSTRUCTION.
4. MAINTAIN ACCESS TO ALL COMMERCIAL PROPERTIES AT ALL TIMES EITHER BY KEEPING ONE FULL ENTRANCE OPEN OR BY CONSTRUCTING SINGLE ENTRANCES 1/2 AT A TIME.
5. MAINTAIN TWO WAY TRAFFIC ON SIDEROADS OVERNIGHT, MAY REDUCE TO ONE LANE DURING CONSTRUCTION OPERATIONS. (SEE SPECIAL PROVISIONS)
6. STOP SIGNS AND STREET SIGNS AT SIDEROADS SHALL BE ADJUSTED AND MAINTAINED.
7. THE CONTRACTOR SHALL MAINTAIN PROPER DRAINAGE THROUGHOUT THE STAGE CONSTRUCTION.

**STAGE II HIGHWAY - WIDENING/RESURFACING**

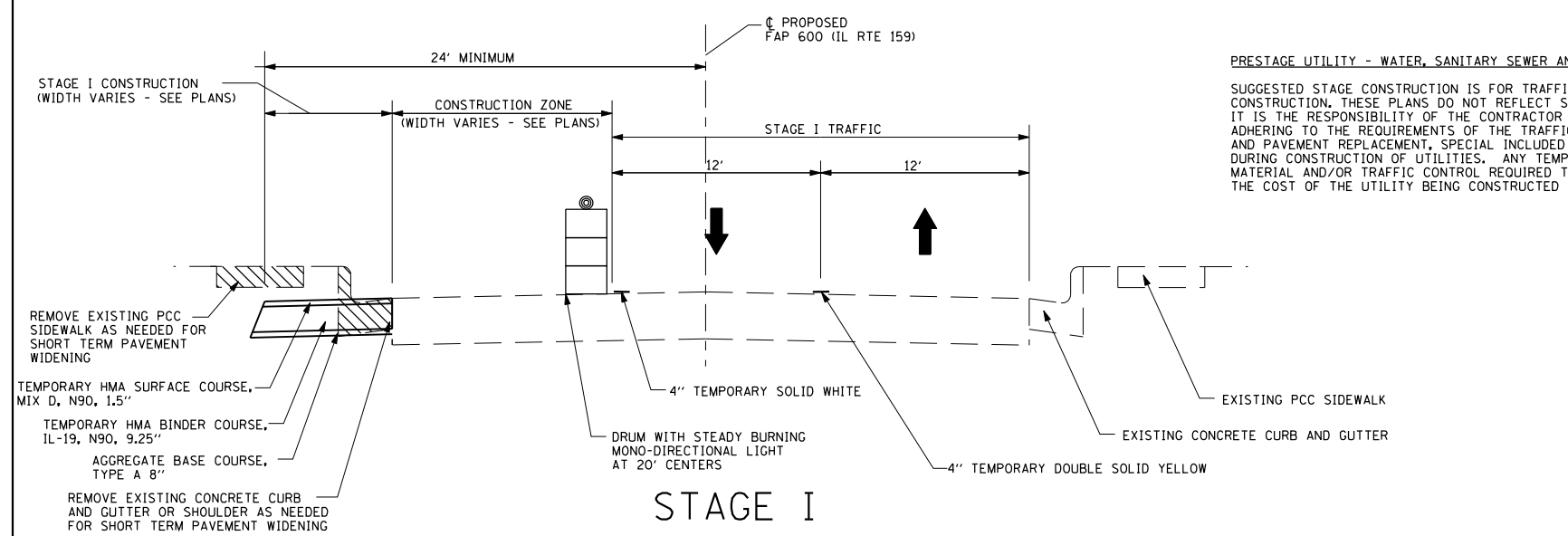
1. SHIFT TRAFFIC TO STAGE II TRAFFIC CONFIGURATION.
2. REMOVE EXISTING CURBS AND GUTTERS ON EAST SIDE OF IL 159.
3. REMOVE EXISTING PAVEMENT AS NECESSARY FOR STAGE II CONSTRUCTION, REMOVE AND REPLACE UTILITIES AS REQUIRED (INCLUDING SANITARY AND STORM SEWER)
4. CONSTRUCT NEW CURB AND GUTTERS.
5. PLACE HMA BINDER FOR EAST HALF OF PROPOSED PAVEMENT, ENTRANCES AND SIDEROADS, MAINTAINING TWO WAY TRAFFIC ON SIDEROADS OVERNIGHT, MAY REDUCE TO ONE LANE DURING CONSTRUCTION OPERATIONS. (SEE SPECIAL PROVISIONS)
6. PLACE TEMPORARY RAMP LONGITUDINALLY ALONG THE EAST EDGE OF PAVEMENT AS DIRECTED BY THE ENGINEER.
7. ACCESS TO PRIVATE ENTRANCES AND ALLEYS SHALL BE MAINTAINED AT ALL TIMES EXCEPT DURING CURB & GUTTER AND DRIVEWAY/ALLEY PAVEMENT CONSTRUCTION.
9. MAINTAIN ACCESS TO ALL COMMERCIAL PROPERTIES AT ALL TIMES EITHER BY KEEPING ONE FULL ENTRANCE OPEN OR BY CONSTRUCTING SINGLE ENTRANCES 1/2 AT A TIME.
10. STOP SIGNS AND STREET SIGNS AT SIDEROADS SHALL BE ADJUSTED AND MAINTAINED BY THE CONTRACTOR.
11. PROPER DRAINAGE SHALL BE MAINTAINED BY THE CONTRACTOR.
12. COMPLETE STAGE II CONSTRUCTION INCLUDING ALL BITUMINOUS PAVEMENT EXCEPT SURFACE COURSE.

**STAGE III HIGHWAY - WIDENING/RESURFACING**

1. SHIFT TRAFFIC TO STAGE III TRAFFIC CONFIGURATION.
2. REMOVE REMAINING CURBS & GUTTERS AND SHOULDERS ON WEST HALF OF ROADWAY, ALLOWING ACCESS TO SIDEROADS AND ENTRANCES THROUGH PHASING OF PAVEMENT REMOVAL AND REPLACEMENT.
3. REMOVE SHORT TERM PAVEMENT PLACED IN STAGE I AND ORIGINAL PAVEMENT.
4. CONSTRUCT UTILITIES AS REQUIRED (INCLUDING STORM AND SANITARY SEWERS)
5. CONSTRUCT NEW CURB AND GUTTER AND DRAINAGE STRUCTURES TO PROPOSED ELEVATIONS.
6. PLACE HMA BINDER FOR WEST HALF OF PROPOSED ROADWAY PAVEMENT, ENTRANCES AND SIDEROADS, MAINTAINING TWO WAY TRAFFIC ON SIDEROADS OVERNIGHT, MAY REDUCE TO ONE LANE DURING CONSTRUCTION OPERATIONS. (SEE SPECIAL PROVISIONS)
7. PLACE TEMPORARY RAMP LONGITUDINALLY ALONG THE WEST EDGE OF PAVEMENT AS DIRECTED BY THE ENGINEER.
8. ACCESS TO PRIVATE ENTRANCES AND ALLEYS SHALL BE MAINTAINED AT ALL TIMES EXCEPT DURING CURB & GUTTER AND DRIVEWAY/ALLEY PAVEMENT CONSTRUCTION.
9. MAINTAIN ACCESS TO ALL COMMERCIAL PROPERTIES AT ALL TIMES EITHER BY KEEPING ONE FULL ENTRANCE OPEN OR BY CONSTRUCTING SINGLE ENTRANCES 1/2 AT A TIME.
10. STOP SIGNS AND STREET SIGNS AT SIDEROADS SHALL BE ADJUSTED AND MAINTAINED BY THE CONTRACTOR.
11. PROPER DRAINAGE SHALL BE MAINTAINED BY THE CONTRACTOR.
12. COMPLETE STAGE III CONSTRUCTION INCLUDING ALL BITUMINOUS PAVEMENT EXCEPT SURFACE COURSE.

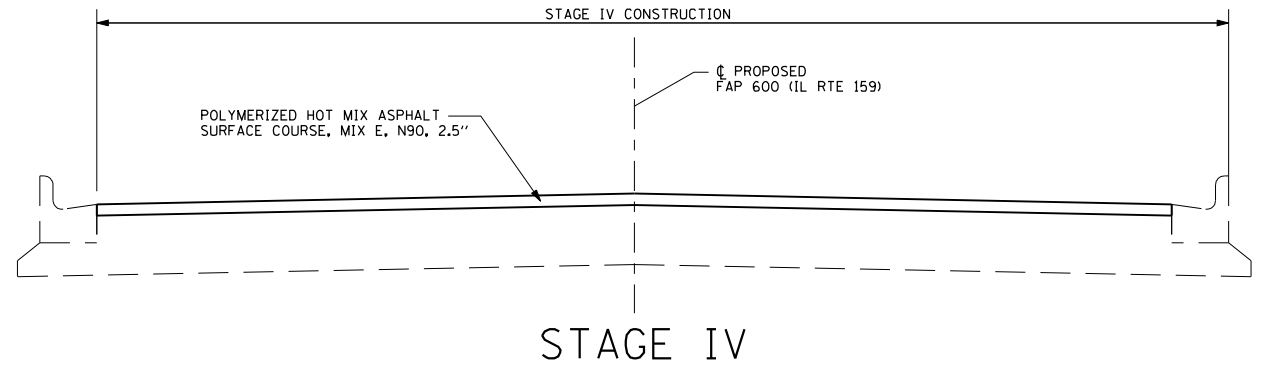
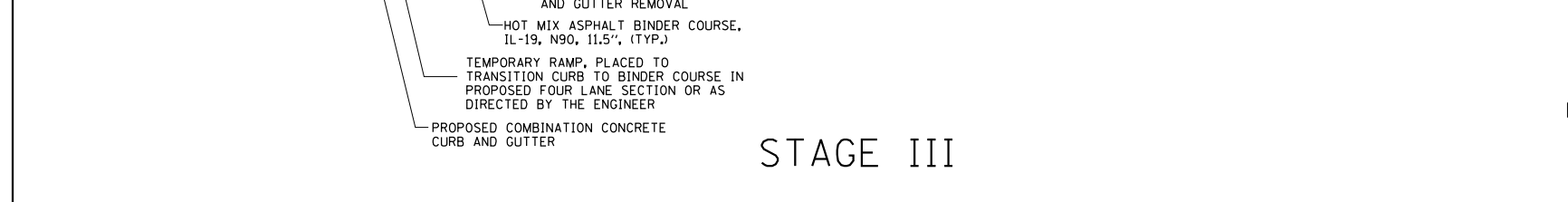
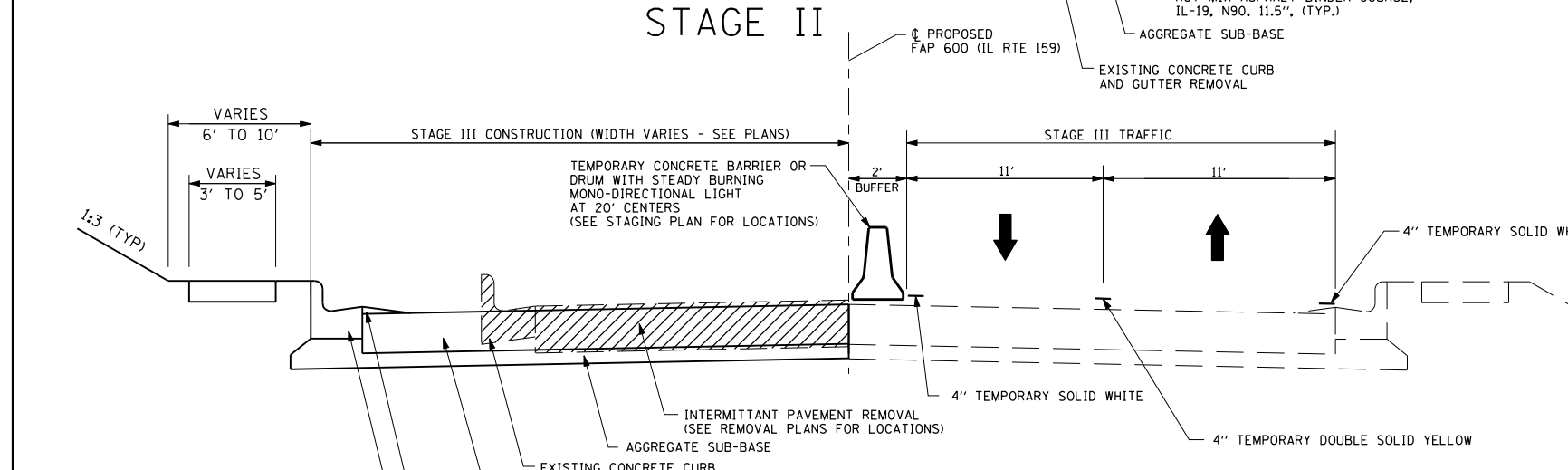
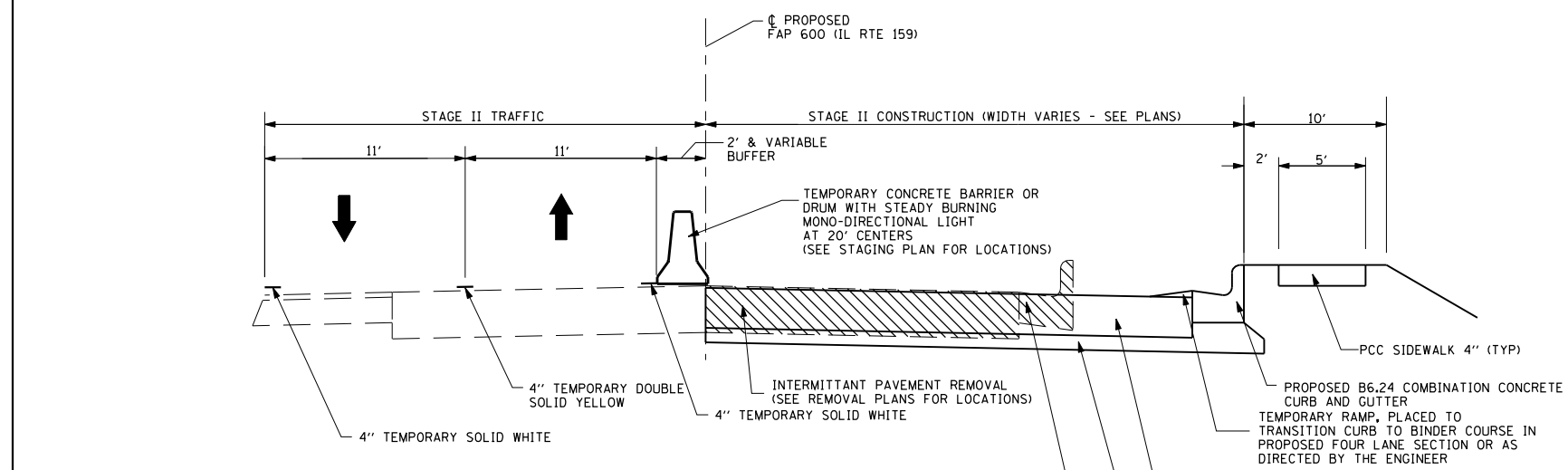
**STAGE IV HIGHWAY - SURFACE COURSE**

1. SURFACE COURSE SHALL NOT BE PLACED UNTIL ALL BINDER COURSE HAS BEEN PLACED FOR THE ENTIRE SECTION.
2. MAINTAIN TRAFFIC ON THE EXISTING PAVEMENT, RELOCATING TRAFFIC AS NECESSARY FOR PAVING OPERATIONS.
3. SURFACE COURSE AND FINAL PAVEMENT MARKINGS SHALL BE CONSTRUCTED UNDER TRAFFIC IN ACCORDANCE WITH STANDARD 701602 AND 701606.



**PRESTAGE UTILITY - WATER, SANITARY SEWER AND PARTIAL STORM SEWER CONSTRUCTION**

SUGGESTED STAGE CONSTRUCTION IS FOR TRAFFIC CONTROL RELATED TO ROADWAY CONSTRUCTION. THESE PLANS DO NOT REFLECT STAGING FOR CONSTRUCTION OF UTILITIES. IT IS THE RESPONSIBILITY OF THE CONTRACTOR TO STAGE UTILITY CONSTRUCTION WHILE ADHERING TO THE REQUIREMENTS OF THE TRAFFIC CONTROL PLAN. TEMPORARY PATCHING AND PAVEMENT REPLACEMENT, SPECIAL INCLUDED ON THE SOO ARE ESTIMATED AND FOR USE DURING CONSTRUCTION OF UTILITIES. ANY TEMPORARY CONNECTIONS, PHASING, ADDITIONAL MATERIAL AND/OR TRAFFIC CONTROL REQUIRED TO CONSTRUCT THE UTILITIES IS INCLUDED IN THE COST OF THE UTILITY BEING CONSTRUCTED AND NO OTHER PAYMENT WILL BE MADE.



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**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**SUGGESTED STAGES OF CONSTRUCTION AND TRAFFIC CONTROL TYPICAL SECTIONS**

SCALE: 1" = 50' SHEET NO. 1 OF 22 SHEETS STA. N/A TO STA. N/A

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
600	60-(30.31.128)-3	MADISON	529	250
CONTRACT NO. 76885				
ILLINOIS FED. AID PROJECT				

NOTES:

1. CONTRACTOR SHALL ADJUST LOCATION OF ADVANCED WARNING SIGNS AS DIRECTED BY THE ENGINEER.
2. IN ADDITION TO SIGNS SHOWN, ALL SIDEROADS SHALL HAVE "ROAD CONSTRUCTION AHEAD" SIGNS. THE COST SHALL BE INCLUDED IN THE TRAFFIC CONTROL STANDARDS FOR THE PROJECT.
3. TRAFFIC DRUMS SHALL BE SPACED ACCORDING TO STANDARD 701602-05
4. ALL SIGNS USED FOR TRAFFIC CONTROL SHALL BE NEW OR LIKE NEW AT THE BEGINNING OF THE PROJECT.

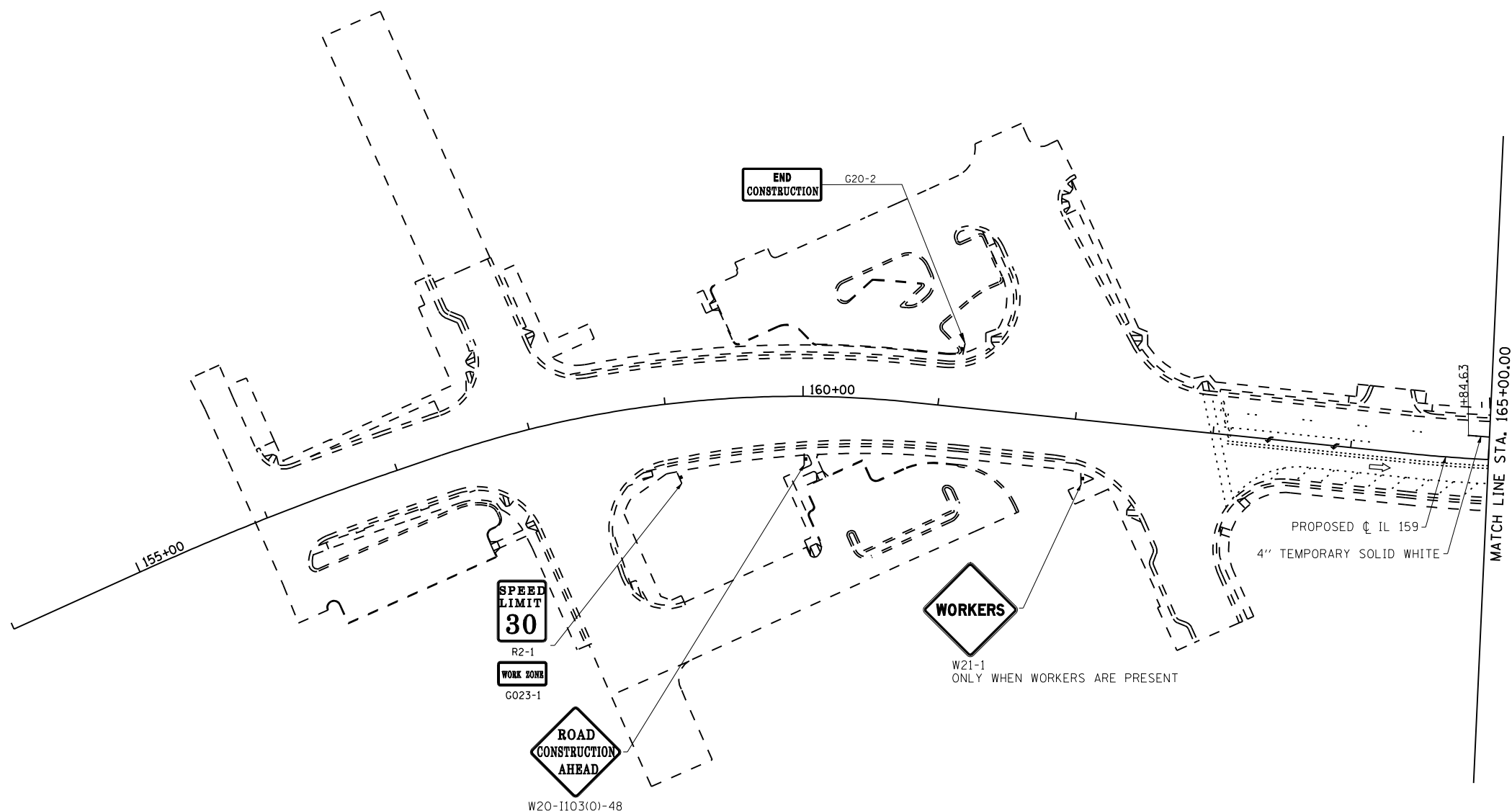
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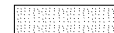




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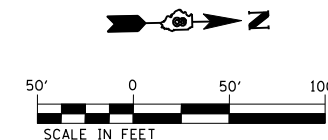


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LEGEND:

-  SHORT TERM PAVEMENT
-  TYPE II BARRICADE, DRUM OR VERITICAL BARRICADE WITH STEADY BURN MONODIRECTIONAL LIGHT AT SPECIFIED SPACING
-  TYPE III BARRICADES
-  DIRECTION OF TRAFFIC
-  ARROW BOARD



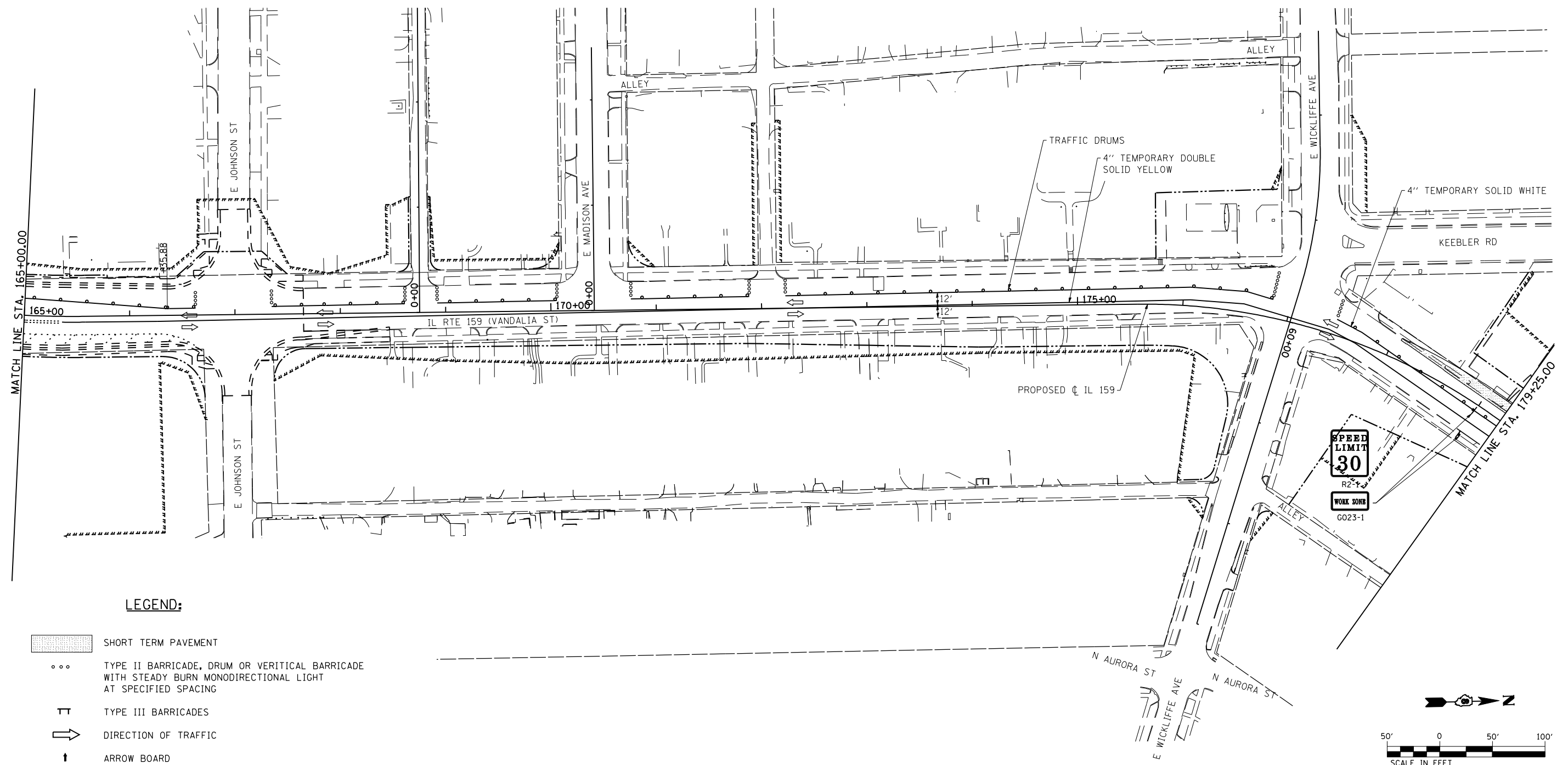
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STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

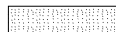



SUGGESTED STAGES OF CONSTRUCTION  
AND TRAFFIC CONTROL - STAGE 1

SCALE: 1" = 50' SHEET NO. 2 OF 22 SHEETS STA. 154+00 TO STA. 165+00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
600	60-(30.31.128)-3	MADISON	529	251
CONTRACT NO. 76885				
ILLINOIS FED. AID PROJECT				



**LEGEND:**

-  SHORT TERM PAVEMENT
-  TYPE II BARRICADE, DRUM OR VERTICAL BARRICADE WITH STEADY BURN MONODIRECTIONAL LIGHT AT SPECIFIED SPACING
-  TYPE III BARRICADES
-  DIRECTION OF TRAFFIC
-  ARROW BOARD

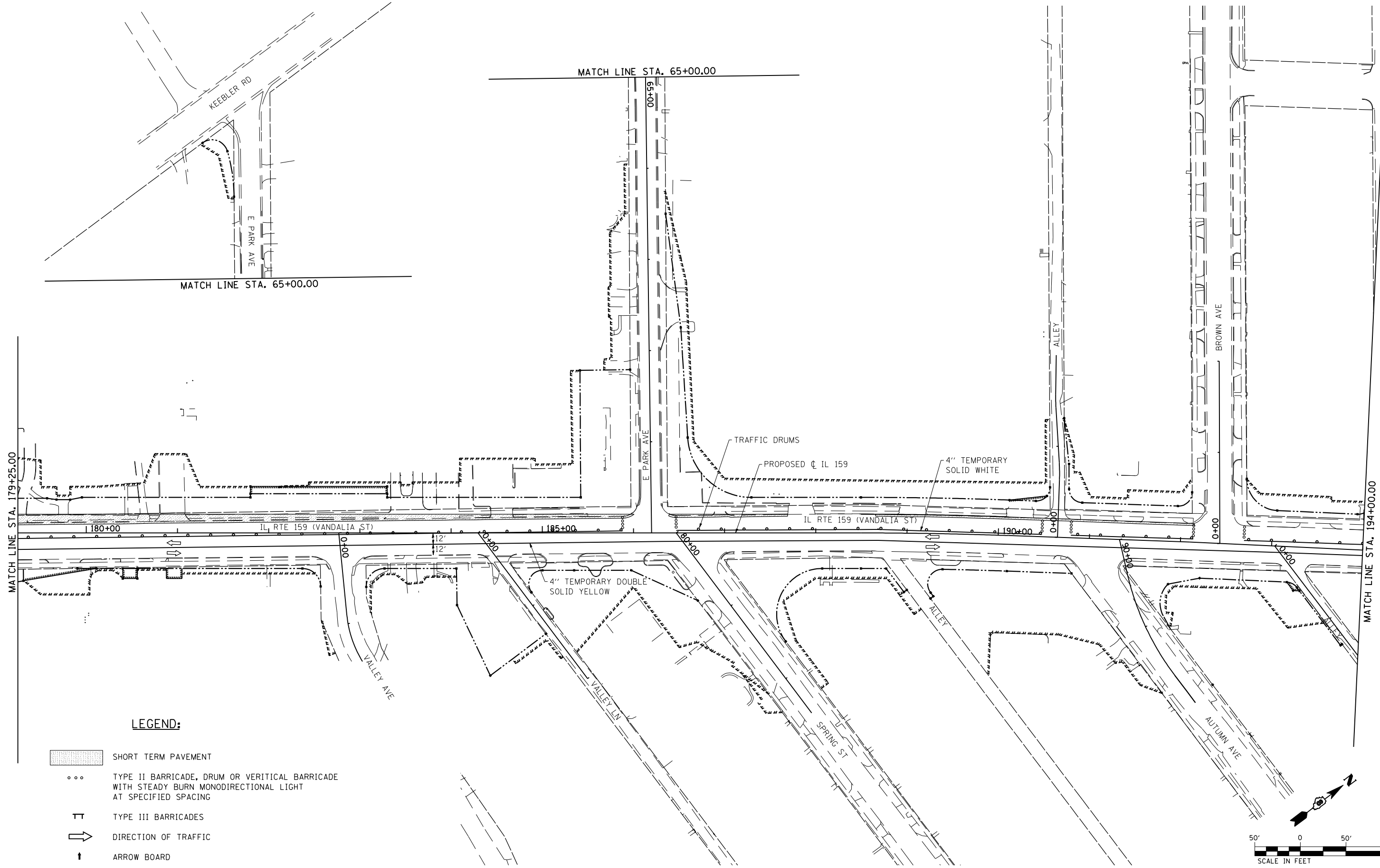
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**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**SUGGESTED STAGES OF CONSTRUCTION  
AND TRAFFIC CONTROL - STAGE 1**

SCALE: 1" = 50'    SHEET NO. 3 OF 22 SHEETS    STA. 165+00 TO STA. 179+25

F.A.P. RTE. 600	SECTION 60-(30.31.128)-3	COUNTY MADISON	TOTAL SHEETS 529	SHEET NO. 252
CONTRACT NO. 76885				
ILLINOIS FED. AID PROJECT				



MATCH LINE STA. 65+00.00

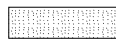




MATCH LINE STA. 65+00.00

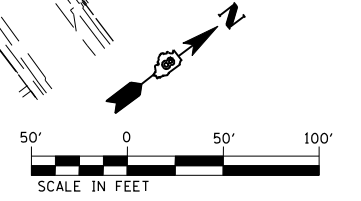
MATCH LINE STA. 65+00.00

MATCH LINE STA. 179+25.00

MATCH LINE STA. 194+00.00

**LEGEND:**

-  SHORT TERM PAVEMENT
-  TYPE II BARRICADE, DRUM OR VERTICAL BARRICADE WITH STEADY BURN MONODIRECTIONAL LIGHT AT SPECIFIED SPACING
-  TYPE III BARRICADES
-  DIRECTION OF TRAFFIC
-  ARROW BOARD



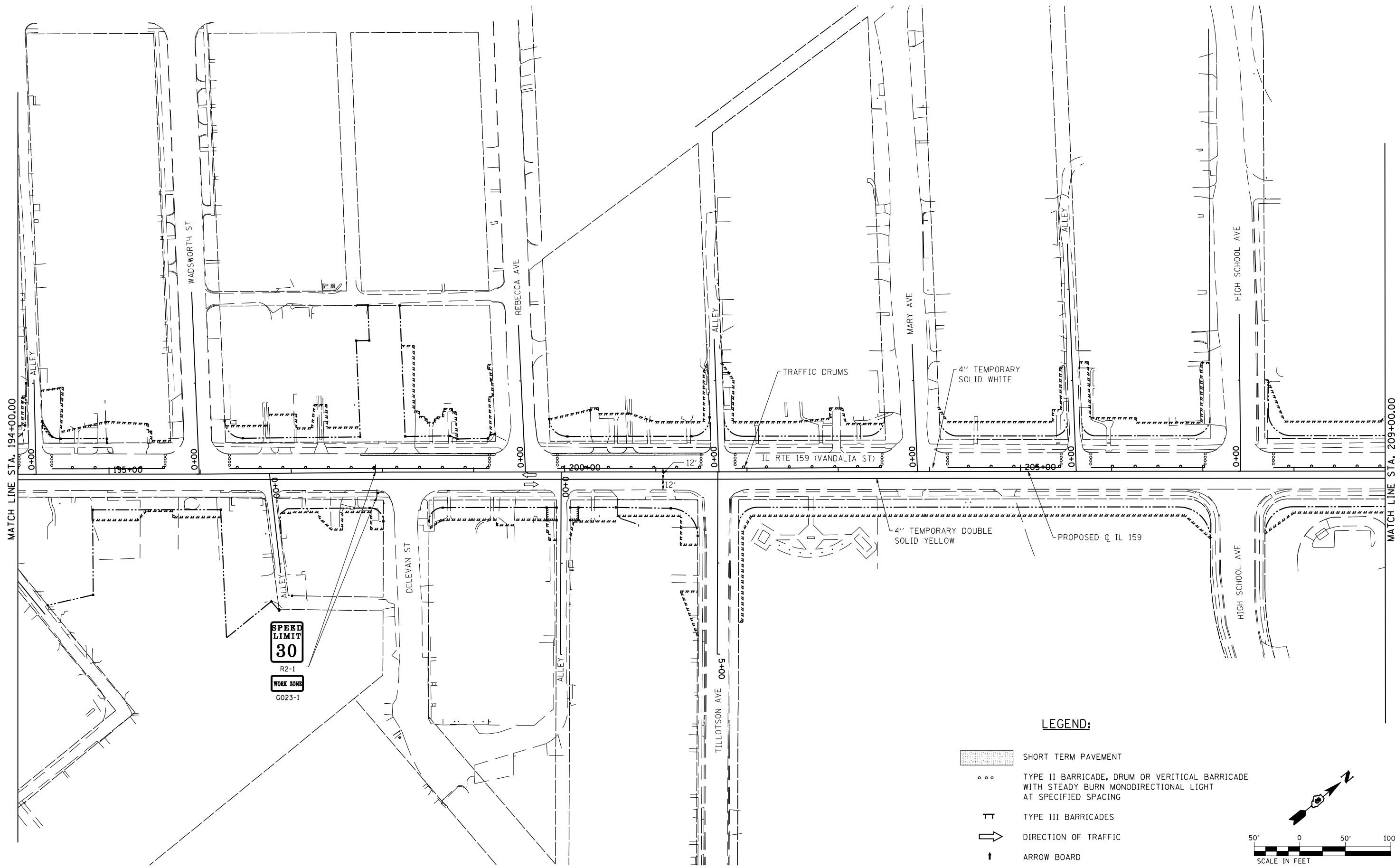
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DEPARTMENT OF TRANSPORTATION**

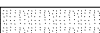




**SUGGESTED STAGES OF CONSTRUCTION  
AND TRAFFIC CONTROL - STAGE 1**

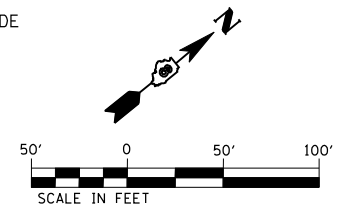
SCALE: 1" = 50'    SHEET NO. 4 OF 22 SHEETS    STA. 179+25    TO STA. 194+00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
600	60-(30,31,128)-3	MADISON	529	253
CONTRACT NO. 76885				
ILLINOIS FED. AID PROJECT				



**LEGEND:**

-  SHORT TERM PAVEMENT
-  TYPE II BARRICADE, DRUM OR VERTICAL BARRICADE WITH STEADY BURN MONODIRECTIONAL LIGHT AT SPECIFIED SPACING
-  TYPE III BARRICADES
-  DIRECTION OF TRAFFIC
-  ARROW BOARD



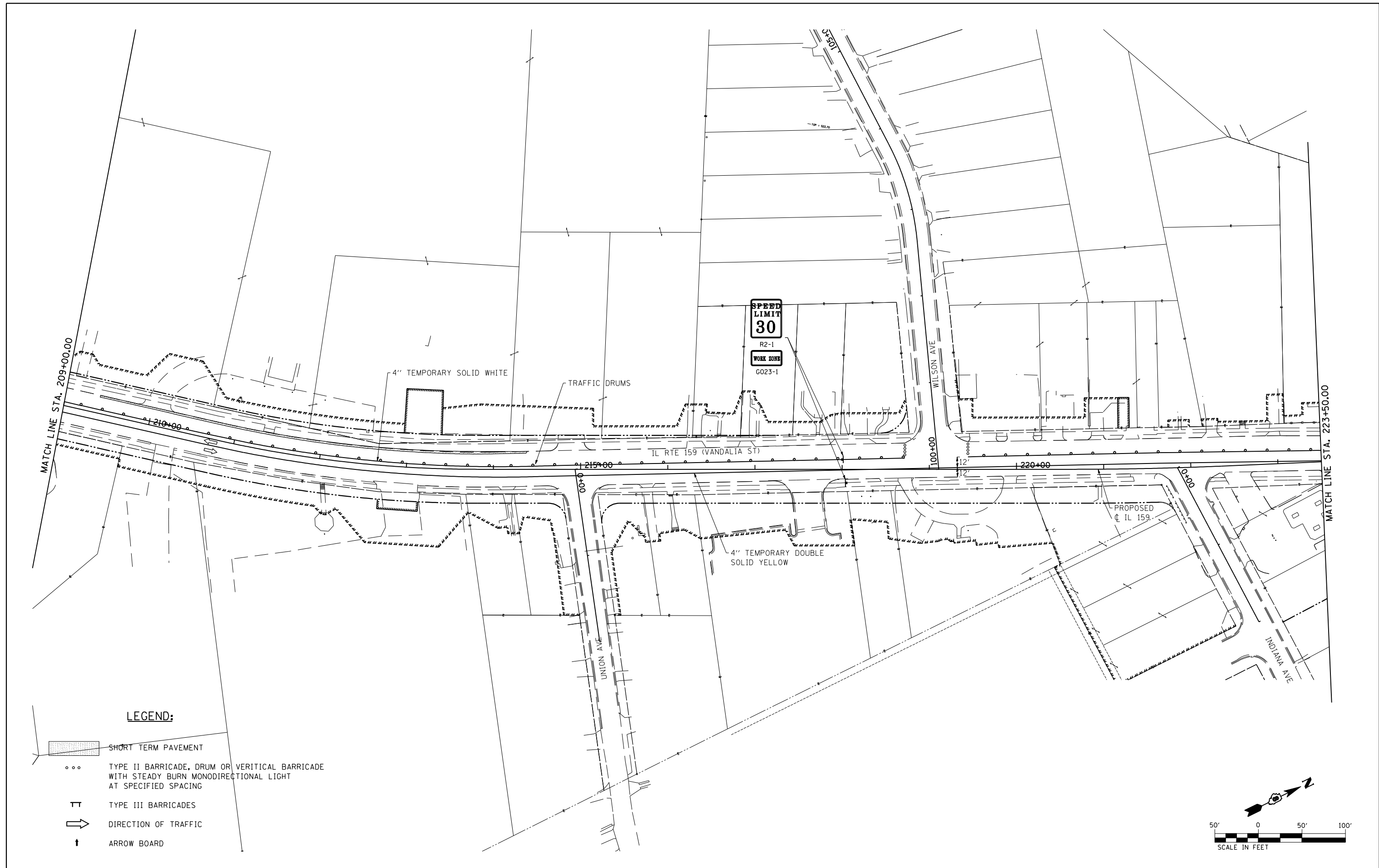
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DEPARTMENT OF TRANSPORTATION**

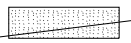




**SUGGESTED STAGES OF CONSTRUCTION  
AND TRAFFIC CONTROL - STAGE 1**

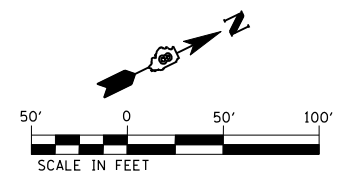
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F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
600	60-(30.31.128)-3	MADISON	529	254
CONTRACT NO. 76885				
ILLINOIS FED. AID PROJECT				



**LEGEND:**

-  SHORT TERM PAVEMENT
-  TYPE II BARRICADE, DRUM OR VERITICAL BARRICADE WITH STEADY BURN MONODIRECTIONAL LIGHT AT SPECIFIED SPACING
-  TYPE III BARRICADES
-  DIRECTION OF TRAFFIC
-  ARROW BOARD

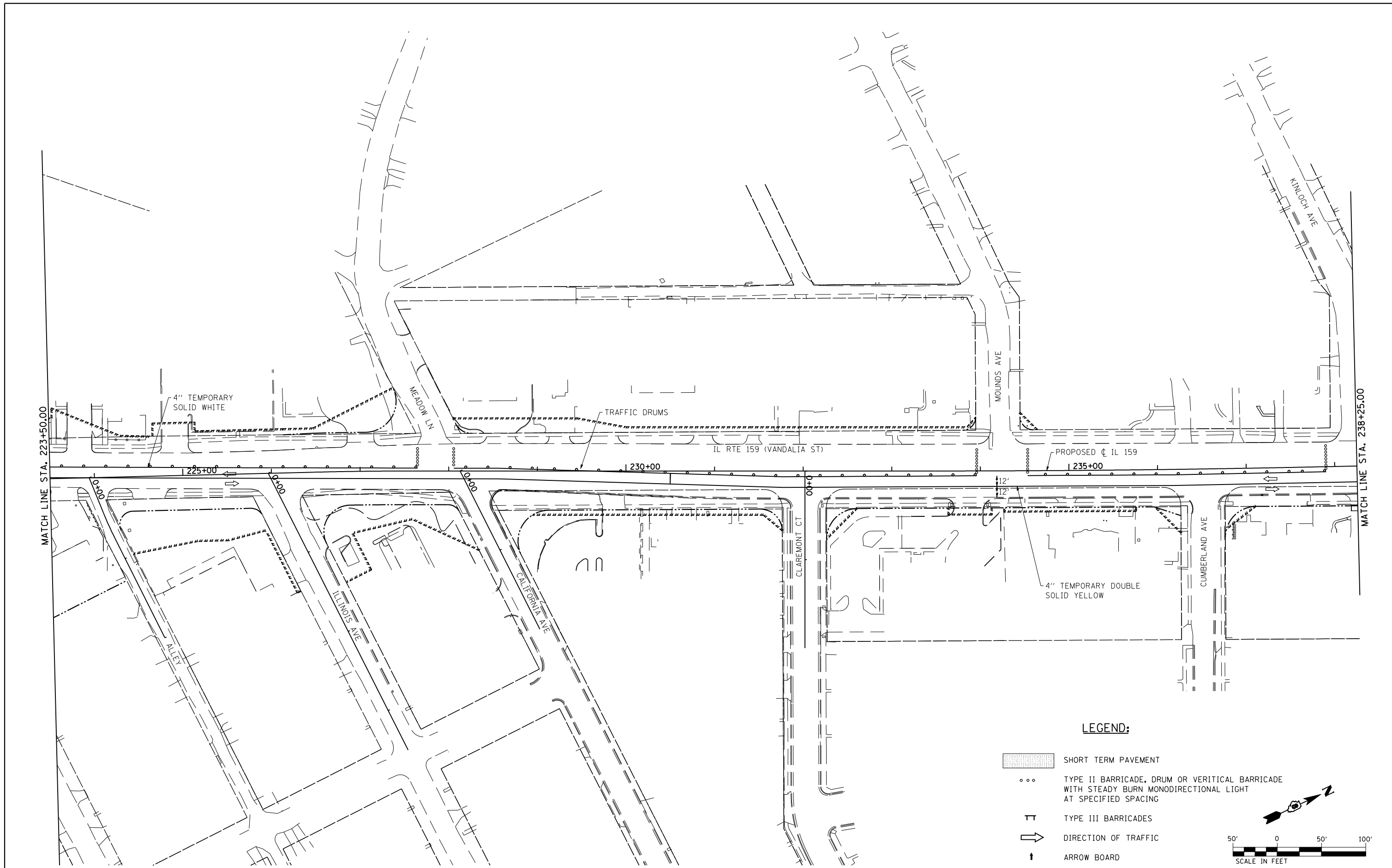


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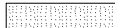




**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

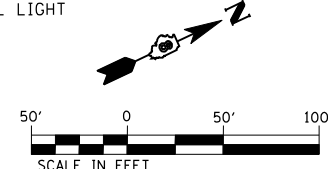
<b>SUGGESTED STAGES OF CONSTRUCTION AND TRAFFIC CONTROL - STAGE 1</b>			
SCALE: 1" = 50'	SHEET NO. 6 OF 22 SHEETS	STA. 209+00	TO STA. 223+50

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
600	60-(30.31.128)-3	MADISON	529	255
CONTRACT NO. 76885				
ILLINOIS FED. AID PROJECT				



**LEGEND:**

-  SHORT TERM PAVEMENT
-  TYPE II BARRICADE, DRUM OR VERTICAL BARRICADE WITH STEADY BURN MONODIRECTIONAL LIGHT AT SPECIFIED SPACING
-  TYPE III BARRICADES
-  DIRECTION OF TRAFFIC
-  ARROW BOARD



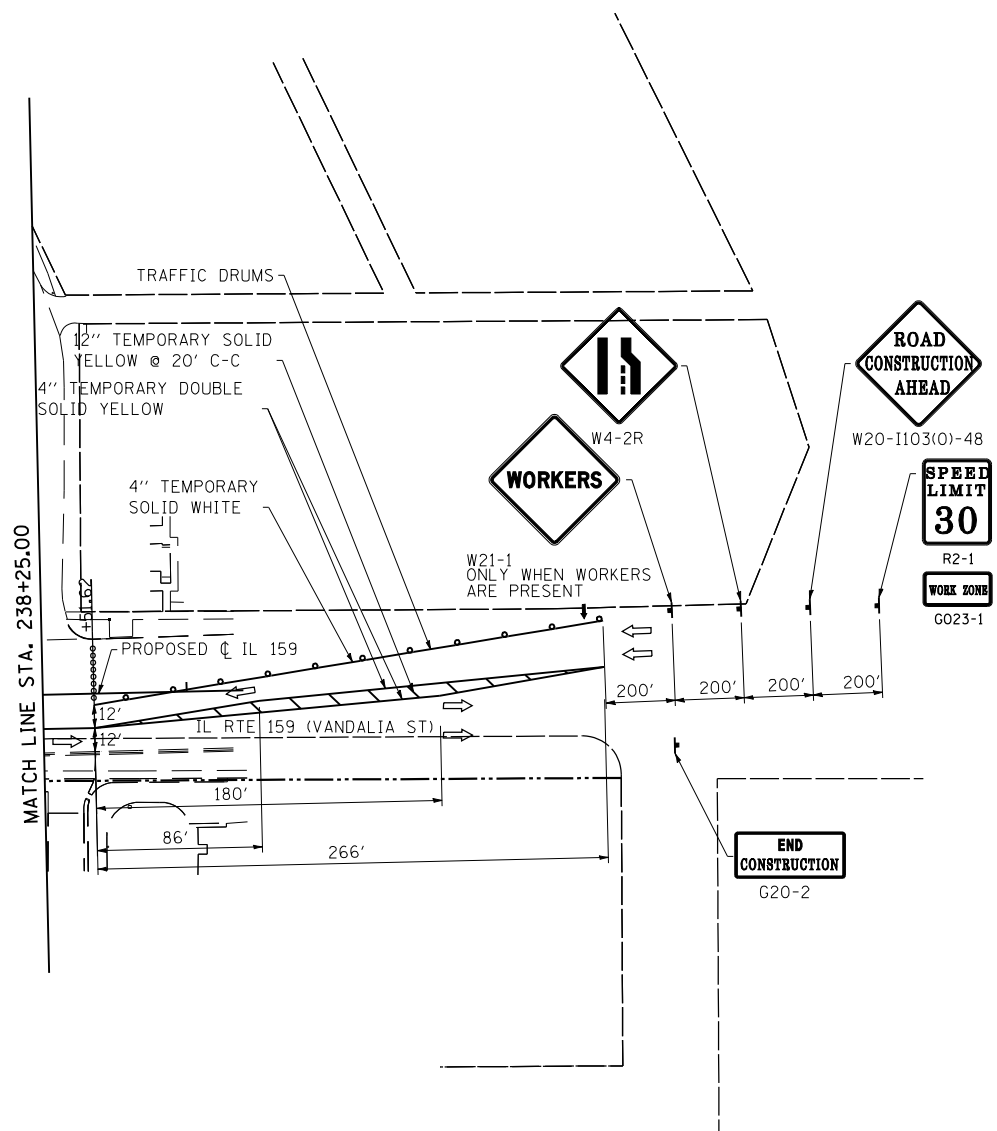
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**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

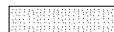




<b>SUGGESTED STAGES OF CONSTRUCTION AND TRAFFIC CONTROL - STAGE 1</b>			
SCALE: 1" = 50'	SHEET NO. 7 OF 22 SHEETS	STA. 223+50	TO STA. 238+25

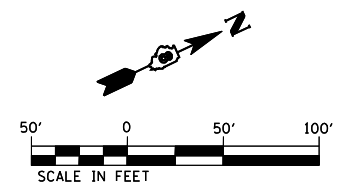
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
600	60-(30,31,128)-3	MADISON	529	256
CONTRACT NO. 76885				
ILLINOIS FED. AID PROJECT				





**LEGEND:**

-  SHORT TERM PAVEMENT
-  TYPE II BARRICADE, DRUM OR VERTICAL BARRICADE WITH STEADY BURN MONODIRECTIONAL LIGHT AT SPECIFIED SPACING
-  TYPE III BARRICADES
-  DIRECTION OF TRAFFIC
-  ARROW BOARD



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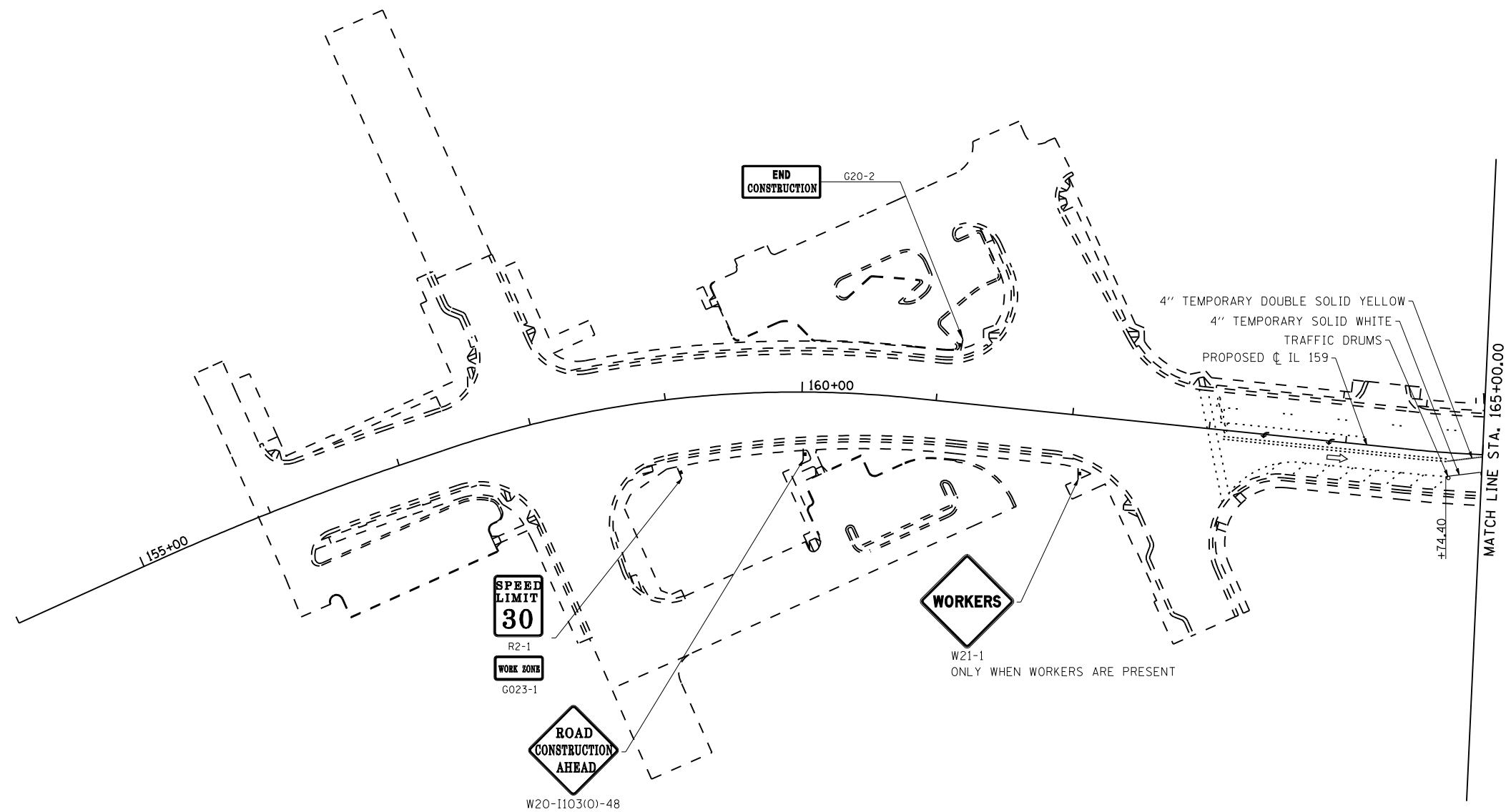
**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

SUGGESTED STAGES OF CONSTRUCTION AND TRAFFIC CONTROL - STAGE 1			
SCALE: 1" = 50'	SHEET NO. 8 OF 22 SHEETS	STA. 238+25	TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
600	60-(30.31.128)-3	MADISON	529	257
CONTRACT NO. 76885				
ILLINOIS FED. AID PROJECT				

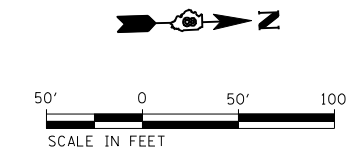
- NOTES:
- CONTRACTOR SHALL ADJUST LOCATION OF ADVANCED WARNING SIGNS AS DIRECTED BY THE ENGINEER.
  - IN ADDITION TO SIGNS SHOWN, ALL SIDEROADS SHALL HAVE "ROAD CONSTRUCTION AHEAD" SIGNS. THE COST SHALL BE INCLUDED IN THE TRAFFIC CONTROL STANDARDS FOR THE PROJECT.
  - TRAFFIC DRUMS SHALL BE SPACED ACCORDING TO STANDARD 701602-05.
  - ALL SIGNS USED FOR TRAFFIC CONTROL SHALL BE NEW OR LIKE NEW AT THE BEGINNING OF THE PROJECT.
  - A QUANTITY OF TEMPORARY CONCRETE BARRIER SUFFICIENT TO PROTECT TRAFFIC FROM DROP OFF HAS BEEN INCLUDED IN THE PLANS. HOWEVER ACCESS MUST STILL BE MAINTAINED AT ALL TIMES PER THE TRAFFIC CONTROL PLAN IN THE SPECIAL PROVISIONS.

ADVANCED WARNING SIGNS:



**LEGEND:**

- CONSTRUCTION WORK ZONE PHASE 1
- CONSTRUCTION WORK ZONE PHASE 2
- PAVEMENT REMOVAL
- SHORT TERM PAVEMENT CONSTRUCTED IN PREVIOUS STAGE
- TYPE II BARRICADE, DRUM OR VERTICAL BARRICADE WITH STEADY BURN MONODIRECTIONAL LIGHT AT SPECIFIED SPACING
- TEMPORARY CONCRETE BARRIER
- TYPE III BARRICADES
- DIRECTION OF TRAFFIC
- ARROW BOARD
- TEMPORARY IMPACT ATTENUATOR



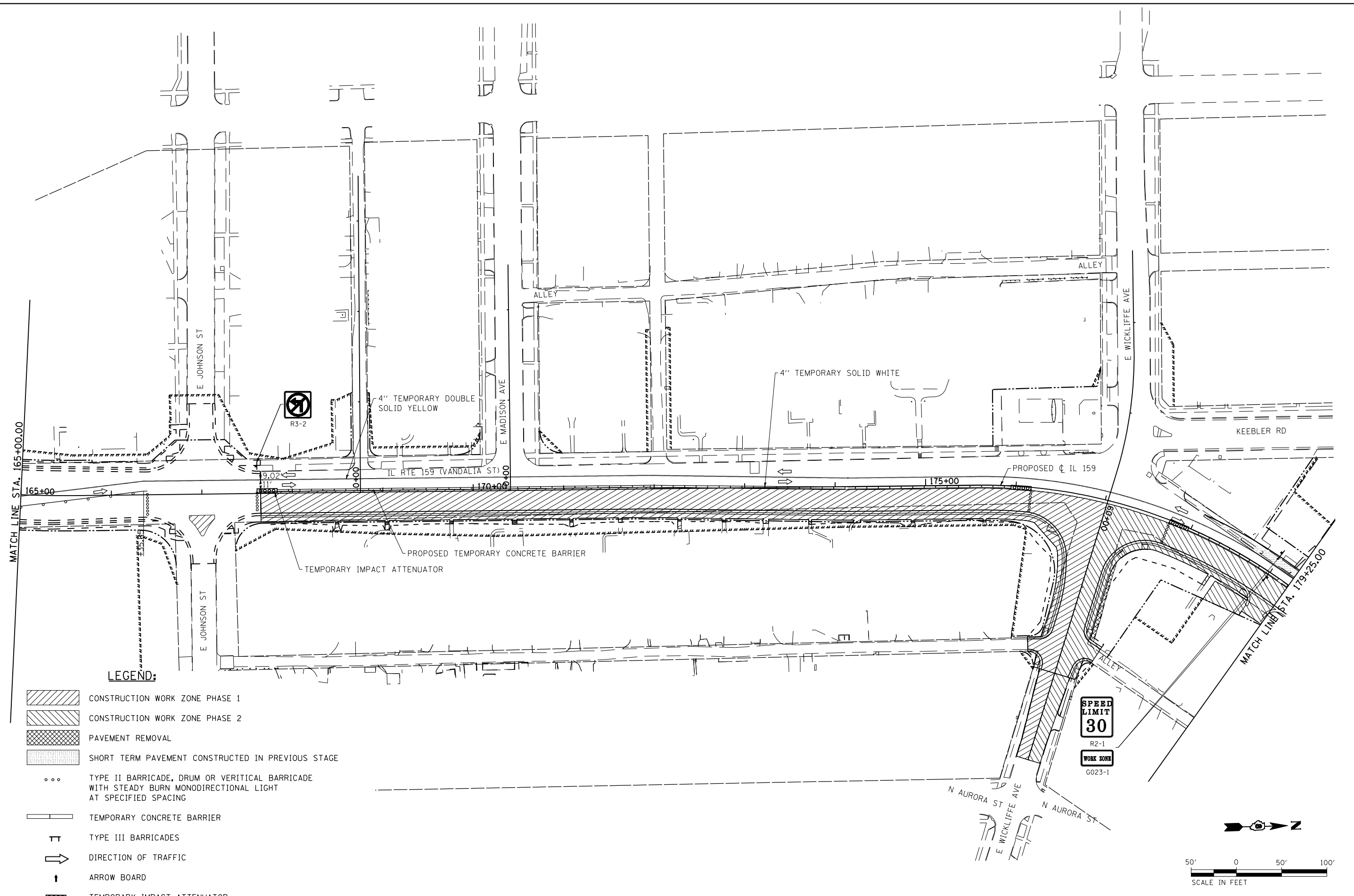
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**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

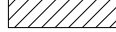
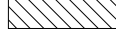

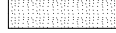

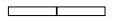




**SUGGESTED STAGES OF CONSTRUCTION  
AND TRAFFIC CONTROL - STAGE 2**

SCALE: 1" = 50' SHEET NO. 9 OF 22 SHEETS STA. 154+00 TO STA. 165+00

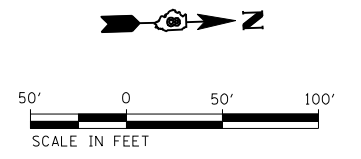
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
600	60-(30,31,128)	MADISON	529	258
CONTRACT NO. 76885				
ILLINOIS FED. AID PROJECT				



**LEGEND:**

-  CONSTRUCTION WORK ZONE PHASE 1
-  CONSTRUCTION WORK ZONE PHASE 2
-  PAVEMENT REMOVAL
-  SHORT TERM PAVEMENT CONSTRUCTED IN PREVIOUS STAGE
-  TYPE II BARRICADE, DRUM OR VERTICAL BARRICADE WITH STEADY BURN MONODIRECTIONAL LIGHT AT SPECIFIED SPACING
-  TEMPORARY CONCRETE BARRIER
-  TYPE III BARRICADES
-  DIRECTION OF TRAFFIC
-  ARROW BOARD
-  TEMPORARY IMPACT ATTENUATOR

**SPEED LIMIT**  
**30**  
R2-1  
**WORK ZONE**  
G023-1



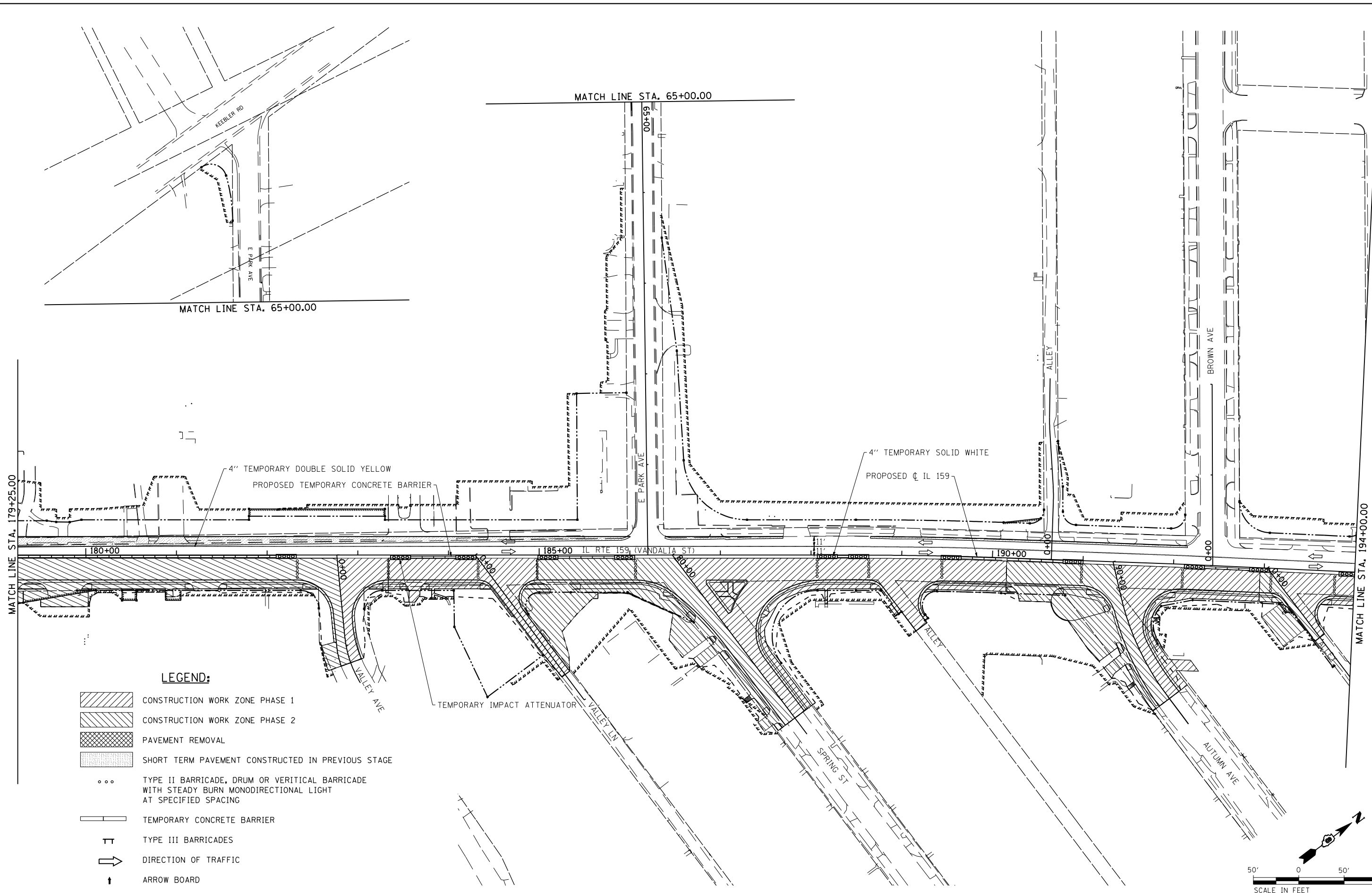
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PLOT DATE = 3/5/2013	DATE -01/25/2013	REVISED -	REVISED -

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

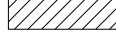


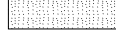

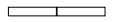




**SUGGESTED STAGES OF CONSTRUCTION  
AND TRAFFIC CONTROL - STAGE 2**

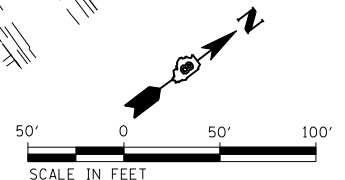
SCALE: 1" = 50'    SHEET NO. 10 OF 22 SHEETS    STA. 165+00 TO STA. 179+25

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
600	60-(30,31,128)	MADISON	529	259
CONTRACT NO. 76885				
ILLINOIS FED. AID PROJECT				



**LEGEND:**

-  CONSTRUCTION WORK ZONE PHASE 1
-  CONSTRUCTION WORK ZONE PHASE 2
-  PAVEMENT REMOVAL
-  SHORT TERM PAVEMENT CONSTRUCTED IN PREVIOUS STAGE
-  TYPE II BARRICADE, DRUM OR VERTICAL BARRICADE WITH STEADY BURN MONODIRECTIONAL LIGHT AT SPECIFIED SPACING
-  TEMPORARY CONCRETE BARRIER
-  TYPE III BARRICADES
-  DIRECTION OF TRAFFIC
-  ARROW BOARD
-  TEMPORARY IMPACT ATTENUATOR



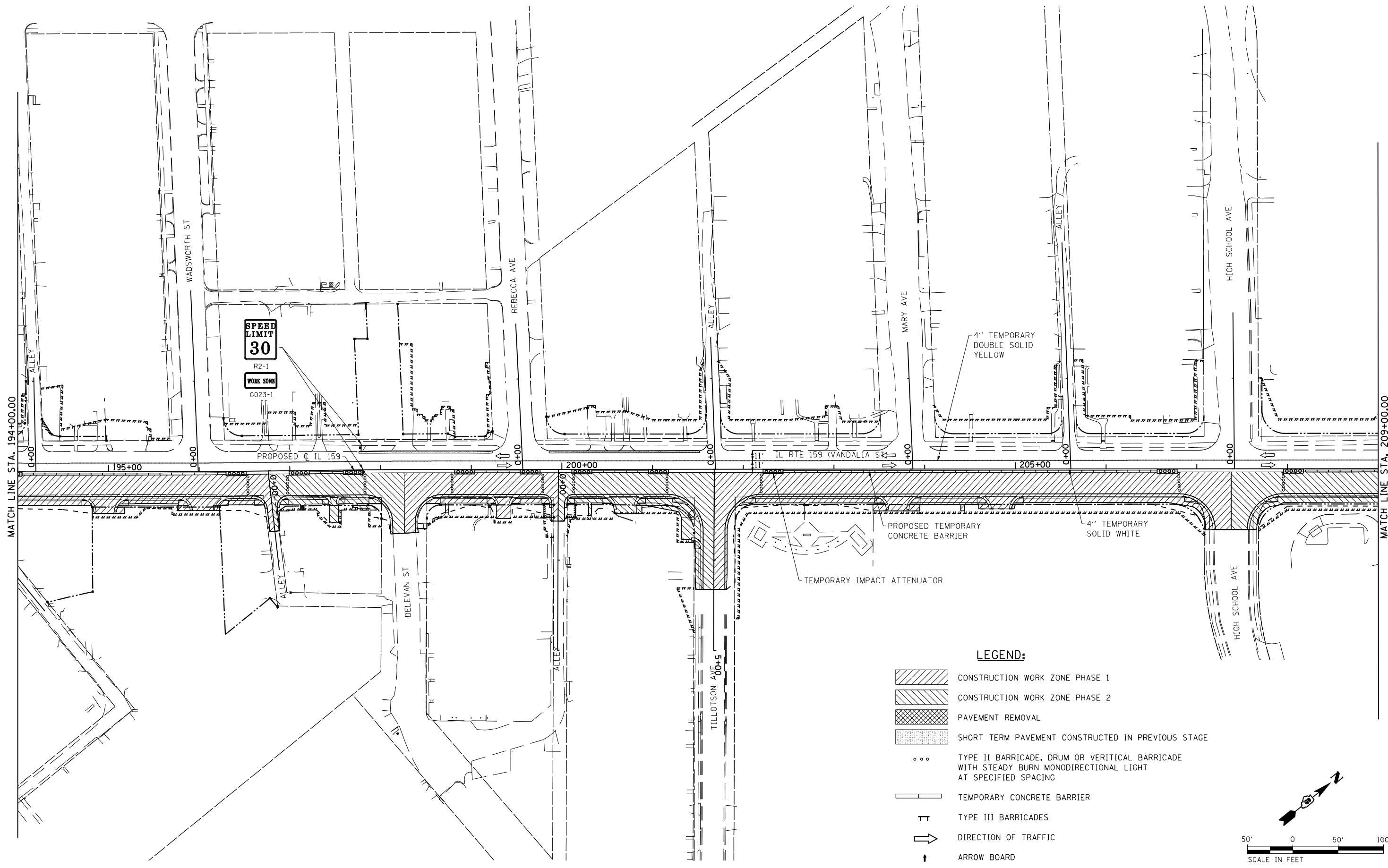
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PLOT DATE = 3/5/2013	DATE -01/25/2013	REVISOR -	REVISED -

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**











**SUGGESTED STAGES OF CONSTRUCTION  
AND TRAFFIC CONTROL - STAGE 2**

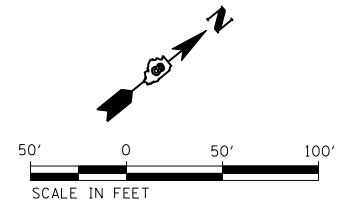
SCALE: 1" = 50' SHEET NO. 11 OF 22 SHEETS STA. 179+25 TO STA. 194+00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
600	60-(30,31,128)	MADISON	529	260
CONTRACT NO. 76885				
ILLINOIS FED. AID PROJECT				



**LEGEND:**

-  CONSTRUCTION WORK ZONE PHASE 1
-  CONSTRUCTION WORK ZONE PHASE 2
-  PAVEMENT REMOVAL
-  SHORT TERM PAVEMENT CONSTRUCTED IN PREVIOUS STAGE
-  TYPE II BARRICADE, DRUM OR VERTICAL BARRICADE WITH STEADY BURN MONODIRECTIONAL LIGHT AT SPECIFIED SPACING
-  TEMPORARY CONCRETE BARRIER
-  TYPE III BARRICADES
-  DIRECTION OF TRAFFIC
-  ARROW BOARD
-  TEMPORARY IMPACT ATTENUATOR



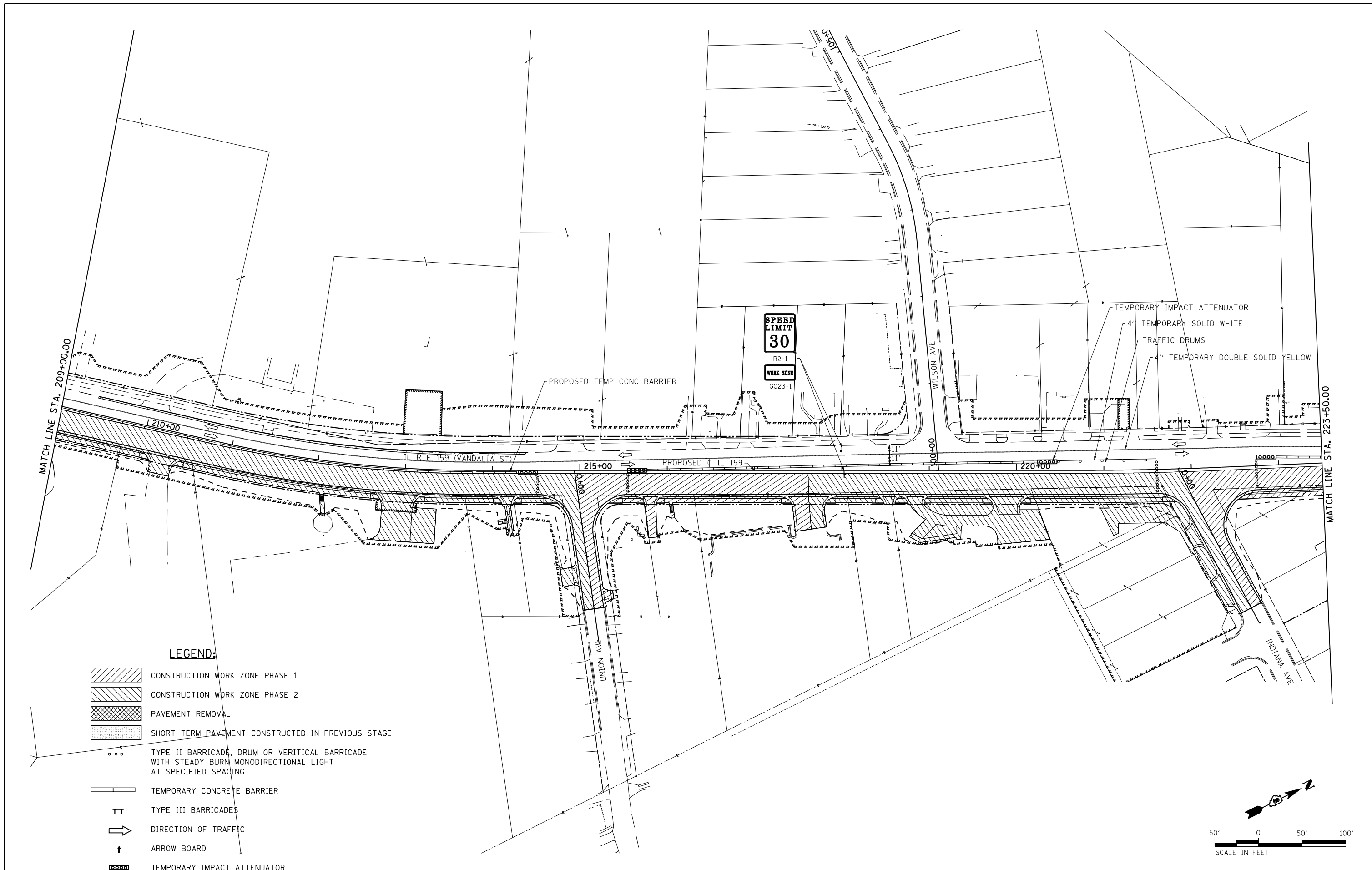
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**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**


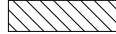

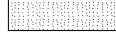
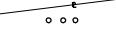

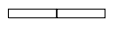

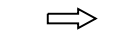

**SUGGESTED STAGES OF CONSTRUCTION  
AND TRAFFIC CONTROL - STAGE 2**

SCALE: 1" = 50'    SHEET NO. 12 OF 22 SHEETS    STA. 194+00 TO STA. 209+00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
600	60-(30,31,128)	MADISON	529	261
CONTRACT NO. 76885				
ILLINOIS FED. AID PROJECT				



**LEGEND:**

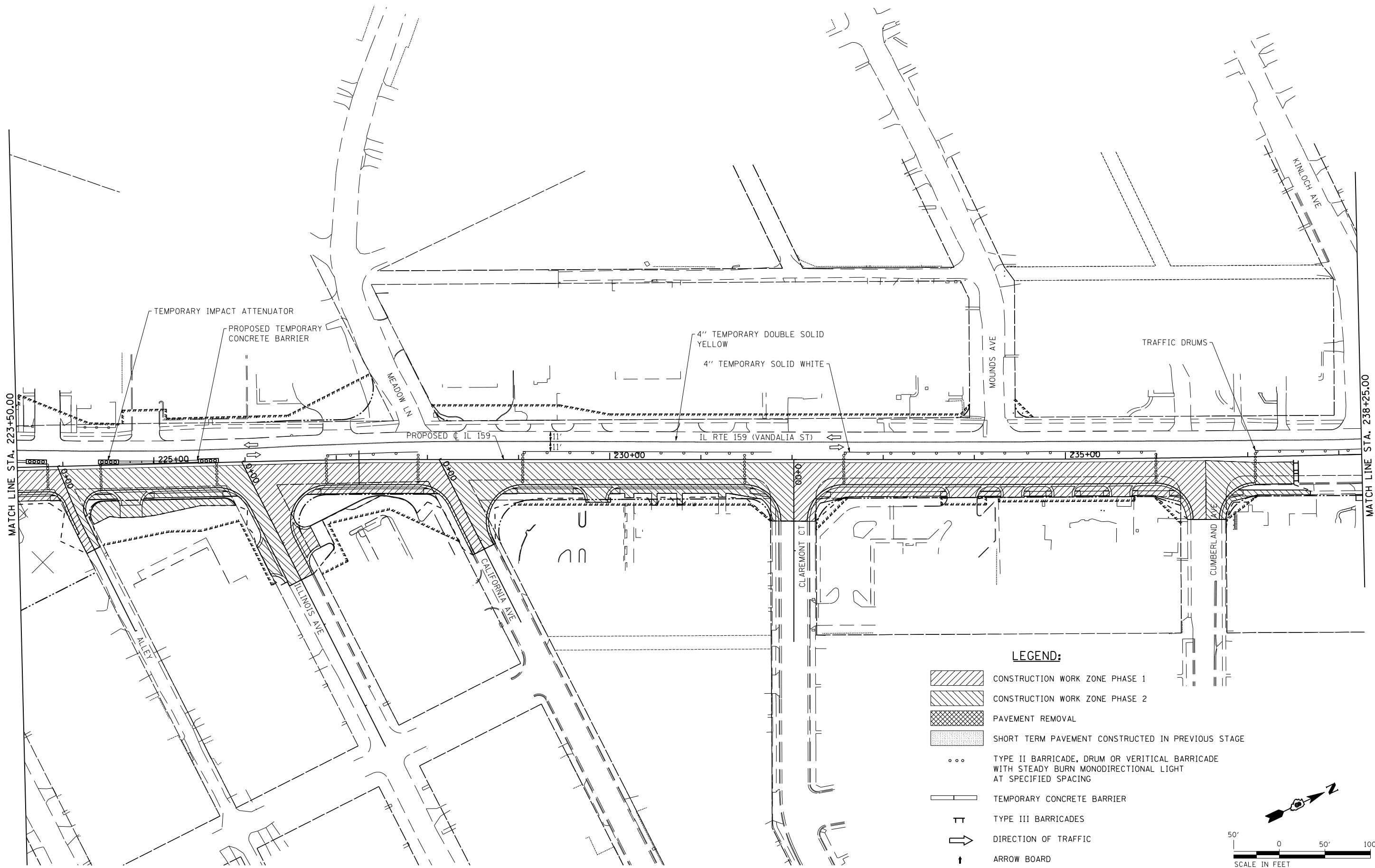
-  CONSTRUCTION WORK ZONE PHASE 1
-  CONSTRUCTION WORK ZONE PHASE 2
-  PAVEMENT REMOVAL
-  SHORT TERM PAVEMENT CONSTRUCTED IN PREVIOUS STAGE
-  TYPE II BARRICADE, DRUM OR VERTICAL BARRICADE WITH STEADY BURN MONODIRECTIONAL LIGHT AT SPECIFIED SPACING
-  TEMPORARY CONCRETE BARRIER
-  TYPE III BARRICADES
-  DIRECTION OF TRAFFIC
-  ARROW BOARD
-  TEMPORARY IMPACT ATTENUATOR

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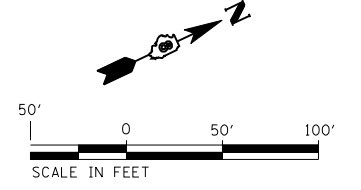
**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

<b>SUGGESTED STAGES OF CONSTRUCTION AND TRAFFIC CONTROL - STAGE 2</b>			
SCALE: 1" = 50'	SHEET NO. 13 OF 22 SHEETS	STA. 209+00 TO STA. 223+50	

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
600	60-(30,31,128)	MADISON	529	262
CONTRACT NO. 76885				
ILLINOIS FED. AID PROJECT				



- LEGEND:**
- CONSTRUCTION WORK ZONE PHASE 1
  - CONSTRUCTION WORK ZONE PHASE 2
  - PAVEMENT REMOVAL
  - SHORT TERM PAVEMENT CONSTRUCTED IN PREVIOUS STAGE
  - TYPE II BARRICADE, DRUM OR VERTICAL BARRICADE WITH STEADY BURN MONODIRECTIONAL LIGHT AT SPECIFIED SPACING
  - TEMPORARY CONCRETE BARRIER
  - TYPE III BARRICADES
  - DIRECTION OF TRAFFIC
  - ARROW BOARD
  - TEMPORARY IMPACT ATTENUATOR



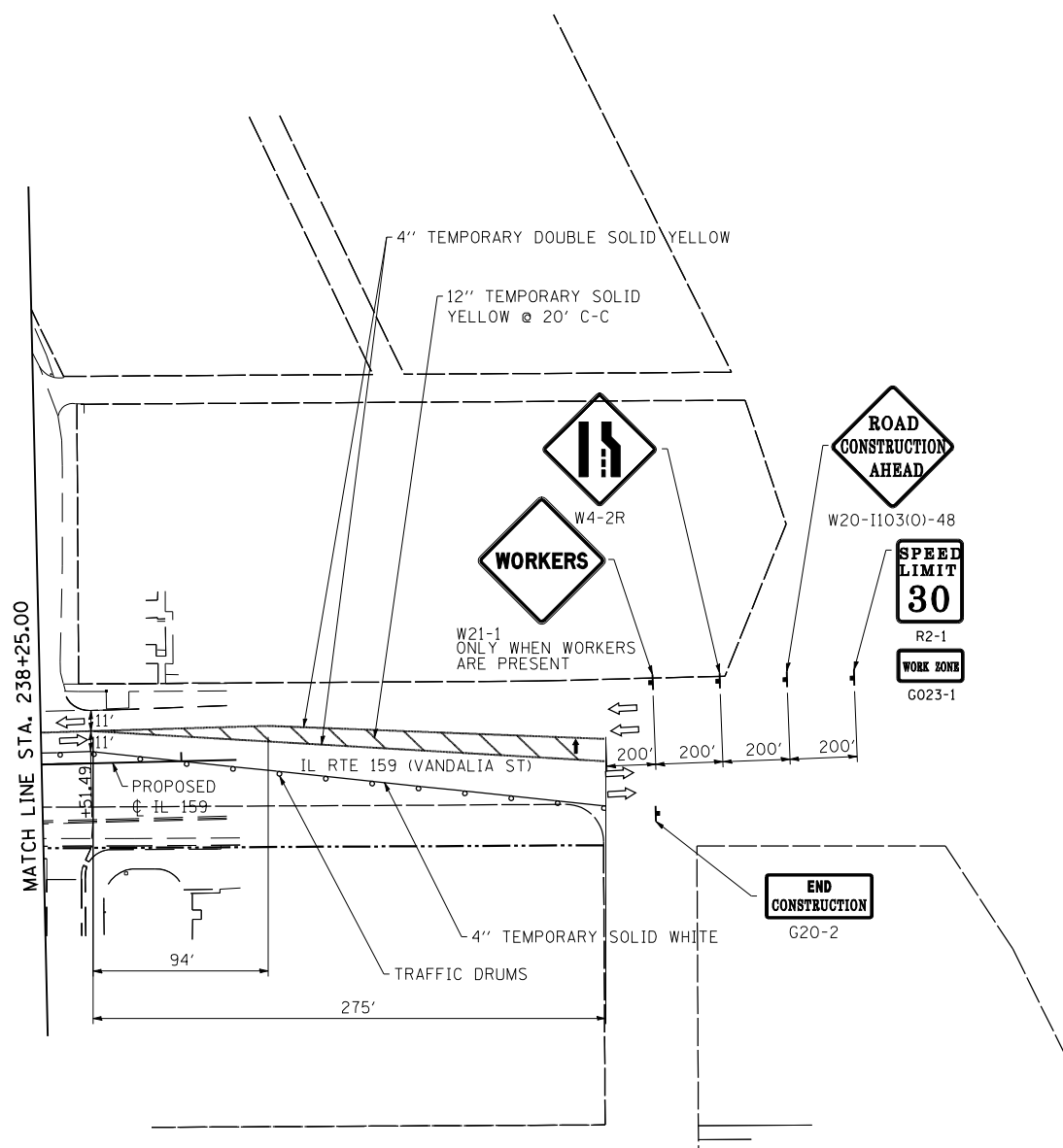
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PLOT DATE = 1/24/2013	DATE -01/25/2013	REVISED -	REVISED -

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

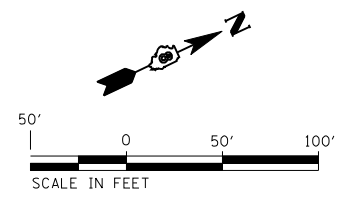
**SUGGESTED STAGES OF CONSTRUCTION  
AND TRAFFIC CONTROL - STAGE 2**

SCALE: 1" = 50'    SHEET NO. 14 OF 22 SHEETS    STA. 223+50    TO STA. 238+25

F.A.P. RTE. 600	SECTION 60-(30,31,128)	COUNTY MADISON	TOTAL SHEETS 529	SHEET NO. 263
CONTRACT NO. 76885				
ILLINOIS FED. AID PROJECT				



- LEGEND:**
- CONSTRUCTION WORK ZONE PHASE 1
  - CONSTRUCTION WORK ZONE PHASE 2
  - PAVEMENT REMOVAL
  - SHORT TERM PAVEMENT CONSTRUCTED IN PREVIOUS STAGE
  - TYPE II BARRICADE, DRUM OR VERTICAL BARRICADE WITH STEADY BURN MONODIRECTIONAL LIGHT AT SPECIFIED SPACING
  - TEMPORARY CONCRETE BARRIER
  - TYPE III BARRICADES
  - DIRECTION OF TRAFFIC
  - ARROW BOARD
  - TEMPORARY IMPACT ATTENUATOR



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

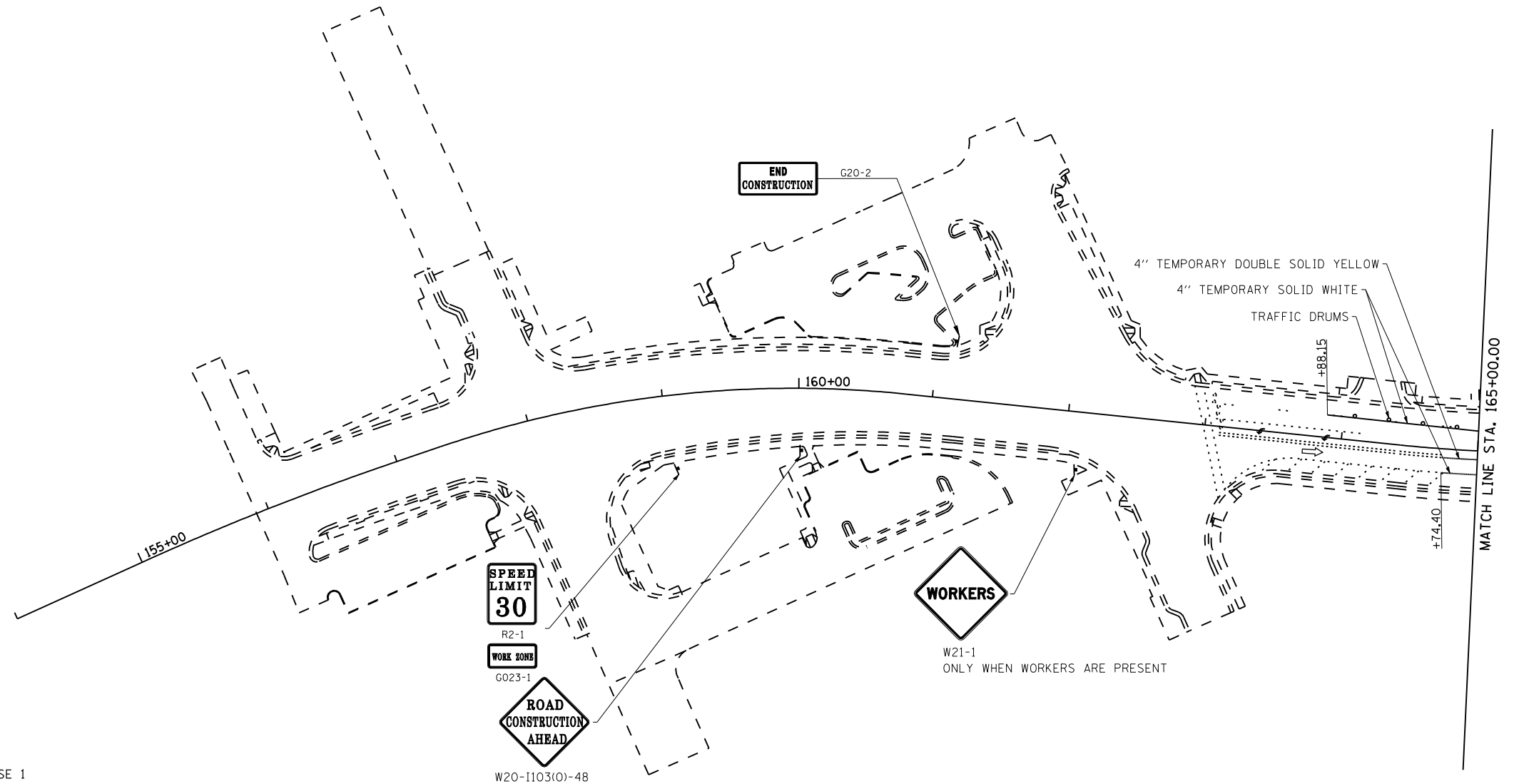
<b>SUGGESTED STAGES OF CONSTRUCTION AND TRAFFIC CONTROL - STAGE 2</b>			
SCALE: 1" = 50'	SHEET NO. 15 OF 22 SHEETS	STA. 223+50	TO STA. 238+25

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
600	60-(30,31,128)	MADISON	529	264
CONTRACT NO. 76885				
ILLINOIS FED. AID PROJECT				



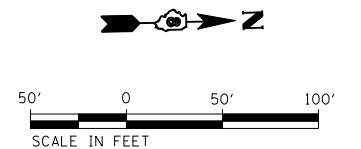
- NOTES:
1. CONTRACTOR SHALL ADJUST LOCATION OF ADVANCED WARNING SIGNS AS DIRECTED BY THE ENGINEER.
  2. IN ADDITION TO SIGNS SHOWN, ALL SIDEROADS SHALL HAVE "ROAD CONSTRUCTION AHEAD" SIGNS. THE COST SHALL BE INCLUDED IN THE TRAFFIC CONTROL STANDARDS FOR THE PROJECT.
  3. TRAFFIC DRUMS SHALL BE SPACED ACCORDING TO STANDARD 701602-05.
  4. ALL SIGNS USED FOR TRAFFIC CONTROL SHALL BE NEW OR LIKE NEW AT THE BEGINNING OF THE PROJECT.
  5. A QUANTITY OF TEMPORARY CONCRETE BARRIER SUFFICIENT TO PROTECT TRAFFIC FROM DROP OFF HAS BEEN INCLUDED IN THE PLANS. HOWEVER ACCESS MUST STILL BE MAINTAINED AT ALL TIMES PER THE TRAFFIC CONTROL PLAN IN THE SPECIAL PROVISIONS.

ADVANCED WARNING SIGNS:



**LEGEND:**

- CONSTRUCTION WORK ZONE PHASE 1
- CONSTRUCTION WORK ZONE PHASE 2
- PAVEMENT REMOVAL
- TYPE II BARRICADE, DRUM OR VERTICAL BARRICADE WITH STEADY BURN MONODIRECTIONAL LIGHT AT SPECIFIED SPACING
- TEMPORARY CONCRETE BARRIER
- TYPE III BARRICADES
- DIRECTION OF TRAFFIC
- ARROW BOARD
- TEMPORARY IMPACT ATTENUATOR

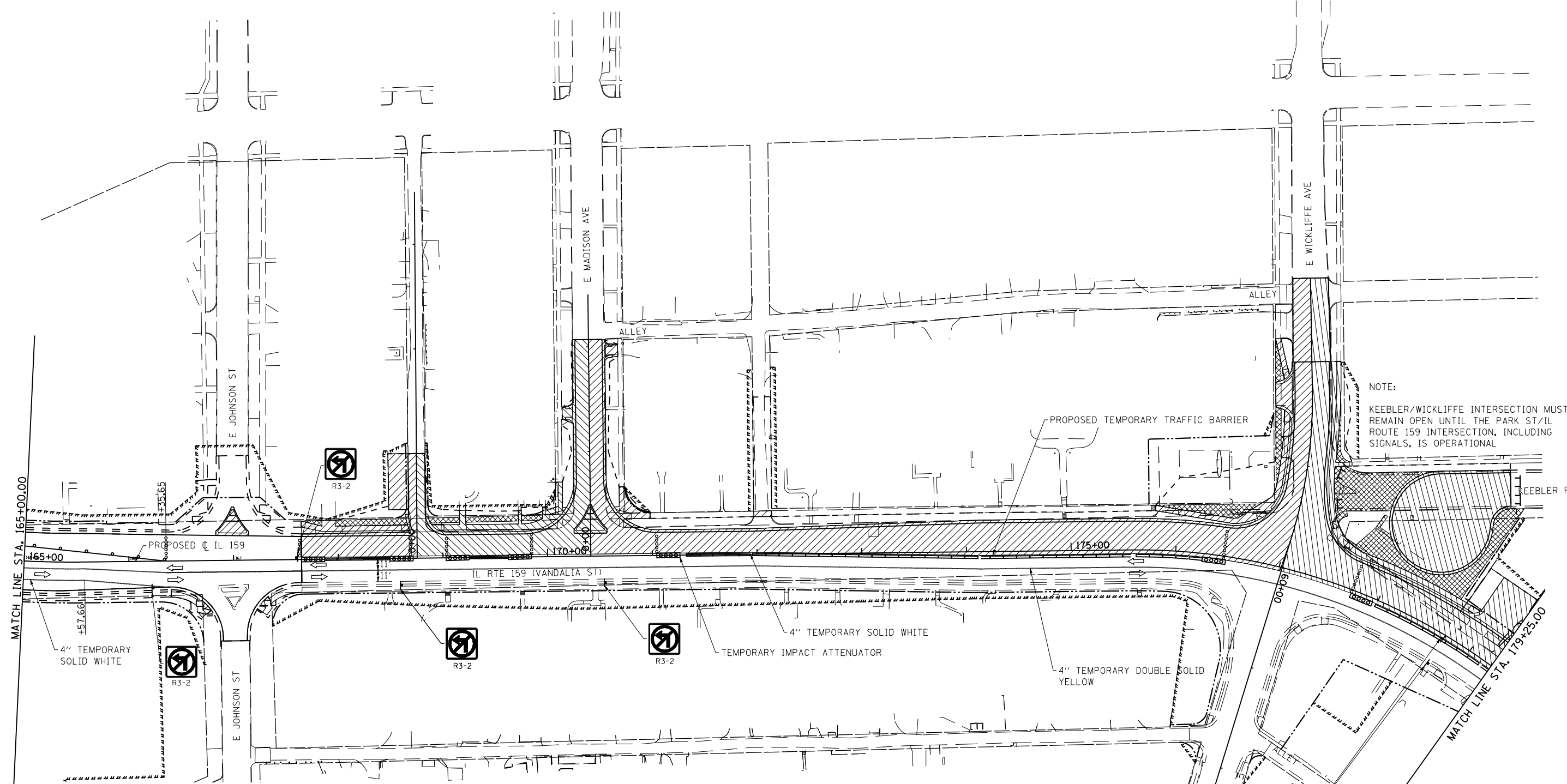


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PLOT SCALE = 100.0000' / IN.		DATE -01/25/2013	REVISED -
PLOT DATE = 3/5/2013			

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

SUGGESTED STAGES OF CONSTRUCTION AND TRAFFIC CONTROL - STAGE 3			
SCALE: 1" = 50'	SHEET NO. 16 OF 22 SHEETS	STA. 154+00	TO STA. 165+00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
600	60-(30,31,128)	MADISON	529	265
CONTRACT NO. 76885				
ILLINOIS FED. AID PROJECT				



NOTE:  
 KEEBLER/WICKLIFFE INTERSECTION MUST REMAIN OPEN UNTIL THE PARK ST/IL ROUTE 159 INTERSECTION, INCLUDING SIGNALS, IS OPERATIONAL

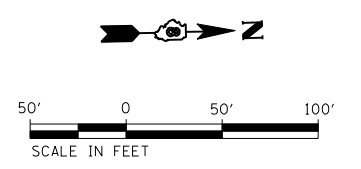
MATCH LINE STA. 165+00.00

MATCH LINE STA. 179+25.00

**LEGEND:**

- CONSTRUCTION WORK ZONE PHASE 1
- CONSTRUCTION WORK ZONE PHASE 2
- PAVEMENT REMOVAL
- TYPE II BARRICADE, DRUM OR VERTICAL BARRICADE WITH STEADY BURN MONODIRECTIONAL LIGHT AT SPECIFIED SPACING
- TEMPORARY CONCRETE BARRIER
- TYPE III BARRICADES
- DIRECTION OF TRAFFIC
- ARROW BOARD
- TEMPORARY IMPACT ATTENUATOR

**SPEED LIMIT 30**  
 R2-1  
**WORK ZONE**  
 G023-1

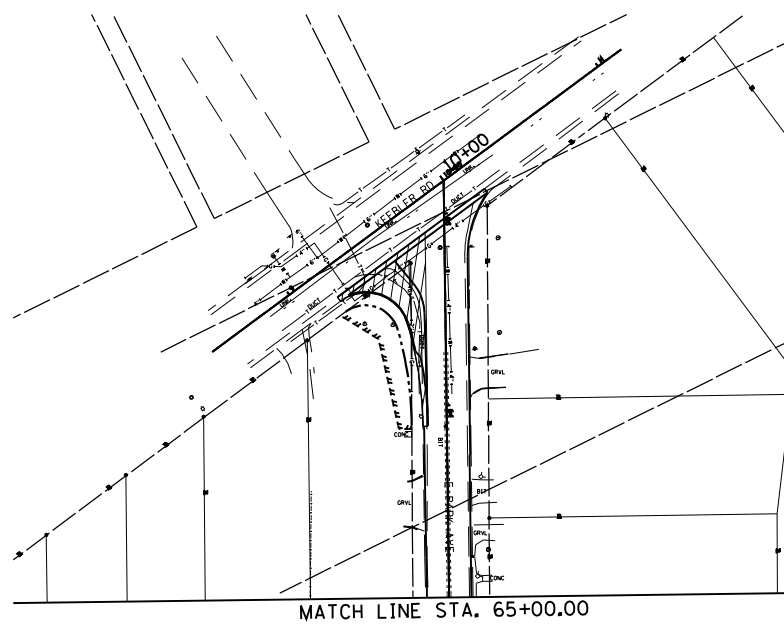


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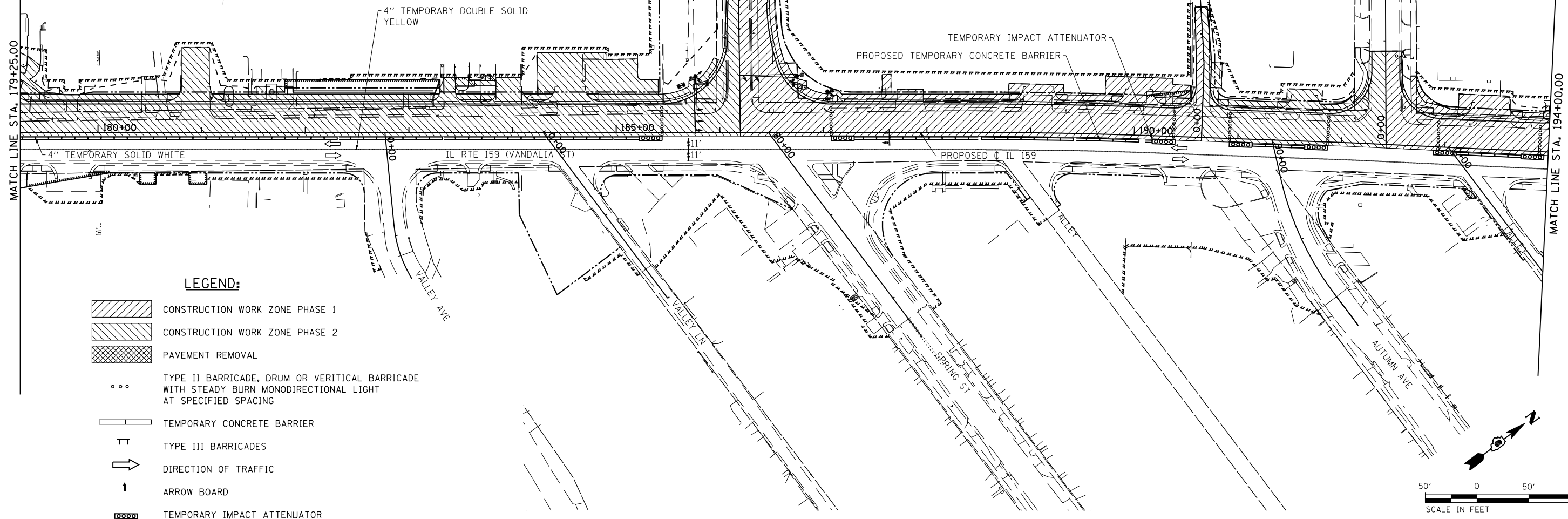
**STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION**

**SUGGESTED STAGES OF CONSTRUCTION  
 AND TRAFFIC CONTROL - STAGE 3**  
 SCALE: 1" = 50' SHEET NO. 17 OF 22 SHEETS STA. 165+00 TO STA. 179+25

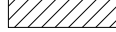
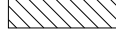


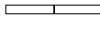




F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
600	60-(30,31,128)	MADISON	529	266
CONTRACT NO. 76885				
ILLINOIS FED. AID PROJECT				

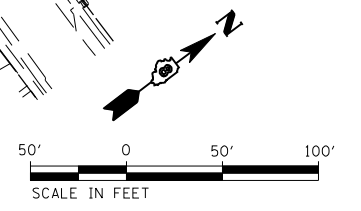


MATCH LINE STA. 65+00.00



**LEGEND:**

-  CONSTRUCTION WORK ZONE PHASE 1
-  CONSTRUCTION WORK ZONE PHASE 2
-  PAVEMENT REMOVAL
-  TYPE II BARRICADE, DRUM OR VERTICAL BARRICADE WITH STEADY BURN MONODIRECTIONAL LIGHT AT SPECIFIED SPACING
-  TEMPORARY CONCRETE BARRIER
-  TYPE III BARRICADES
-  DIRECTION OF TRAFFIC
-  ARROW BOARD
-  TEMPORARY IMPACT ATTENUATOR

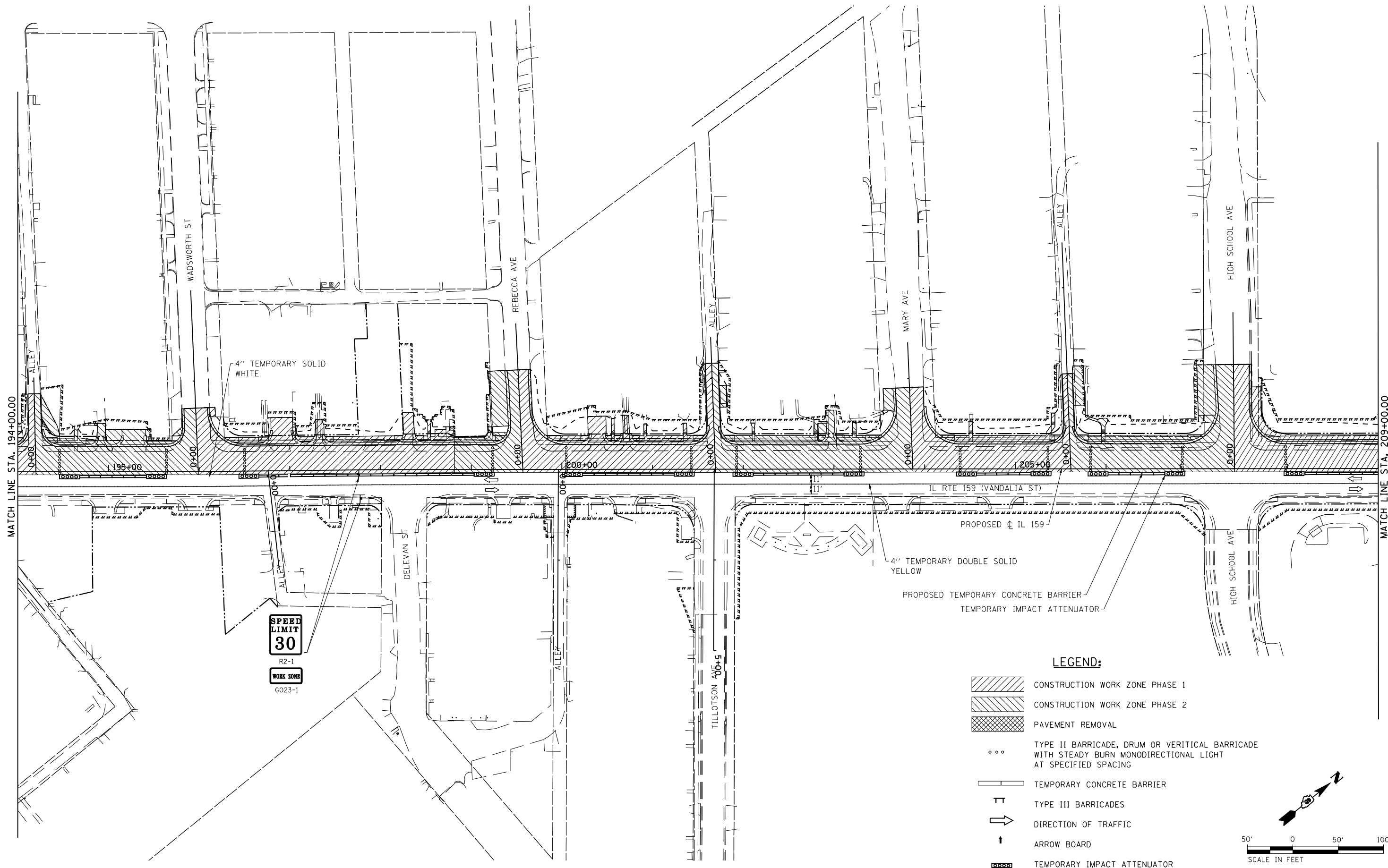


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PLOT DATE = 3/5/2013		DATE -01/25/2013	REVISED -

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

<b>SUGGESTED STAGES OF CONSTRUCTION AND TRAFFIC CONTROL - STAGE 3</b>	
SCALE: 1" = 50'	SHEET NO. 18 OF 22 SHEETS STA. 179+25 TO STA. 194+00

F.A.P. RTE. 600	SECTION 60-(30,31,128)	COUNTY MADISON	TOTAL SHEETS 529	SHEET NO. 267
CONTRACT NO. 76885				
ILLINOIS FED. AID PROJECT				



**SPEED LIMIT**  
30  
R2-1  
**WORK ZONE**  
G023-1










IL RTE 159 (VANDALIA ST)

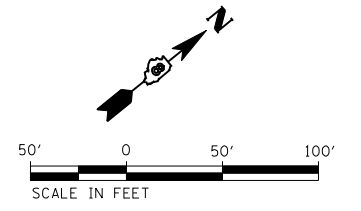
PROPOSED CL IL 159

4" TEMPORARY DOUBLE SOLID YELLOW

PROPOSED TEMPORARY CONCRETE BARRIER  
TEMPORARY IMPACT ATTENUATOR

**LEGEND:**

-  CONSTRUCTION WORK ZONE PHASE 1
-  CONSTRUCTION WORK ZONE PHASE 2
-  PAVEMENT REMOVAL
-  TYPE II BARRICADE, DRUM OR VERTICAL BARRICADE WITH STEADY BURN MONODIRECTIONAL LIGHT AT SPECIFIED SPACING
-  TEMPORARY CONCRETE BARRIER
-  TYPE III BARRICADES
-  DIRECTION OF TRAFFIC
-  ARROW BOARD
-  TEMPORARY IMPACT ATTENUATOR



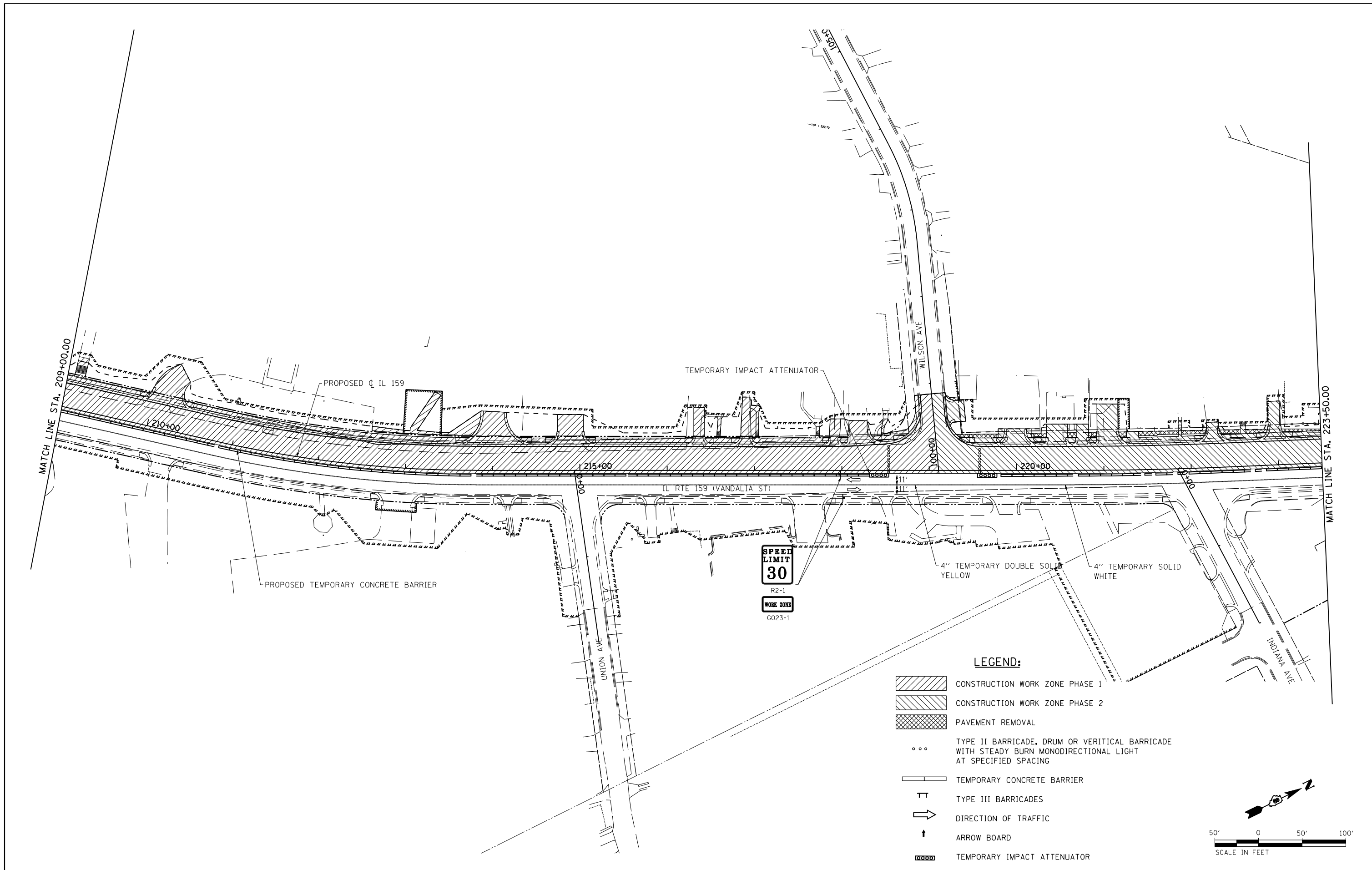
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**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

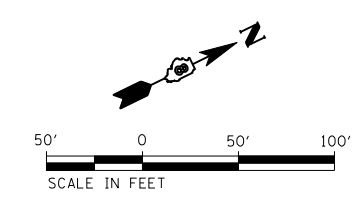
**SUGGESTED STAGES OF CONSTRUCTION  
AND TRAFFIC CONTROL - STAGE 3**

SCALE: 1" = 50' SHEET NO. 19 OF 22 SHEETS STA. 194+00 TO STA. 209+00

F.A.P. RTE. 600	SECTION 60-(30,31,128)	COUNTY MADISON	TOTAL SHEETS 529	SHEET NO. 268
CONTRACT NO. 76885				
ILLINOIS FED. AID PROJECT				



- LEGEND:**
- CONSTRUCTION WORK ZONE PHASE 1
  - CONSTRUCTION WORK ZONE PHASE 2
  - PAVEMENT REMOVAL
  - TYPE II BARRICADE, DRUM OR VERTICAL BARRICADE WITH STEADY BURN MONODIRECTIONAL LIGHT AT SPECIFIED SPACING
  - TEMPORARY CONCRETE BARRIER
  - TYPE III BARRICADES
  - DIRECTION OF TRAFFIC
  - ARROW BOARD
  - TEMPORARY IMPACT ATTENUATOR



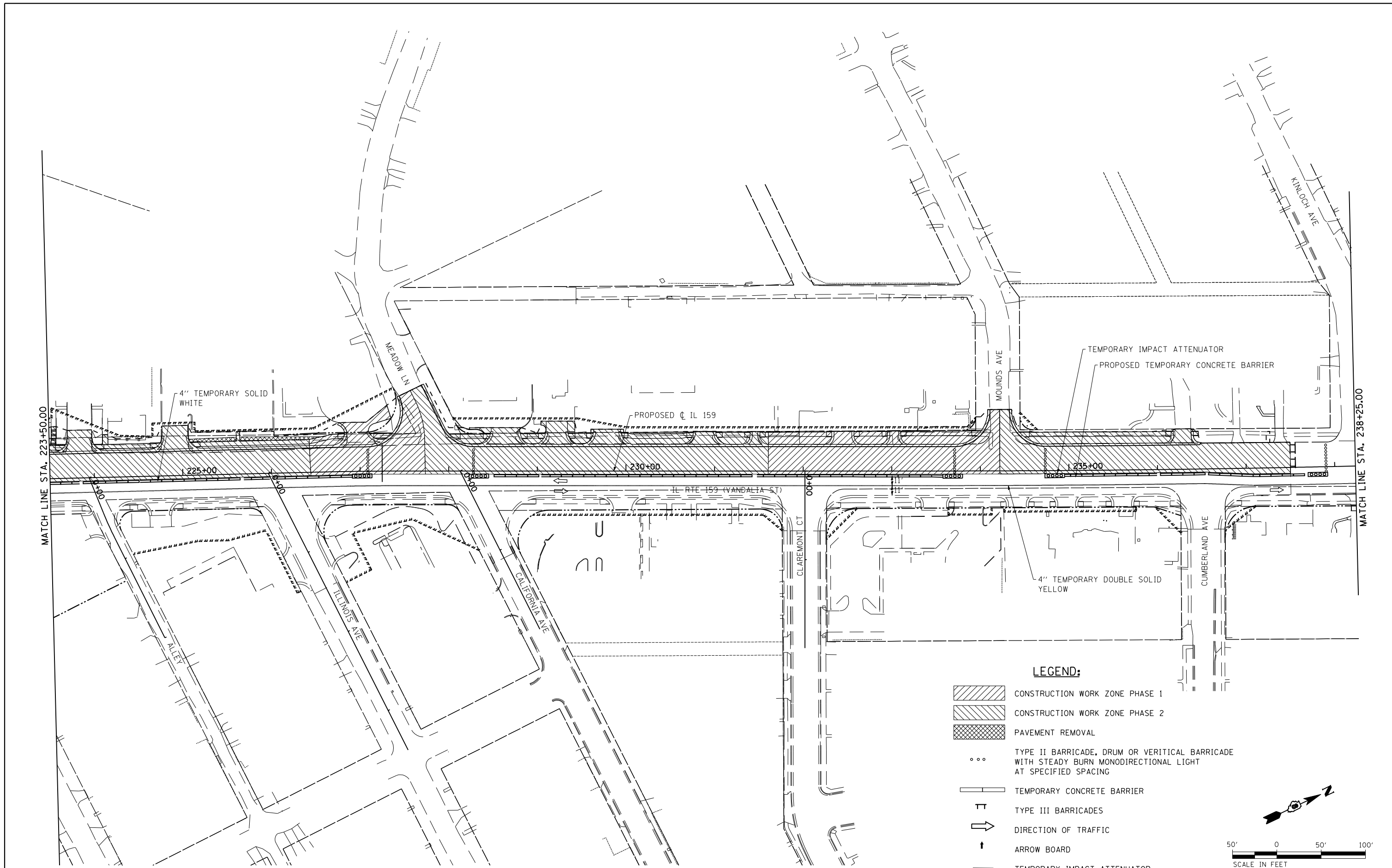
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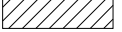
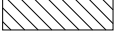


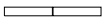




**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

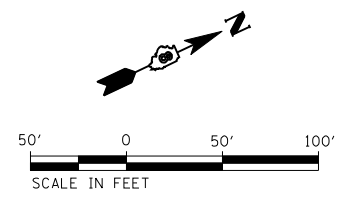
**SUGGESTED STAGES OF CONSTRUCTION  
AND TRAFFIC CONTROL - STAGE 3**

SCALE: 1" = 50'    SHEET NO. 20 OF 22 SHEETS    STA. 209+00 TO STA. 223+50

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
600	60-(30,31,128)	MADISON	529	269
CONTRACT NO. 76B85				
ILLINOIS FED. AID PROJECT				



- LEGEND:**
-  CONSTRUCTION WORK ZONE PHASE 1
  -  CONSTRUCTION WORK ZONE PHASE 2
  -  PAVEMENT REMOVAL
  -  TYPE II BARRICADE, DRUM OR VERTICAL BARRICADE WITH STEADY BURN MONODIRECTIONAL LIGHT AT SPECIFIED SPACING
  -  TEMPORARY CONCRETE BARRIER
  -  TYPE III BARRICADES
  -  DIRECTION OF TRAFFIC
  -  ARROW BOARD
  -  TEMPORARY IMPACT ATTENUATOR



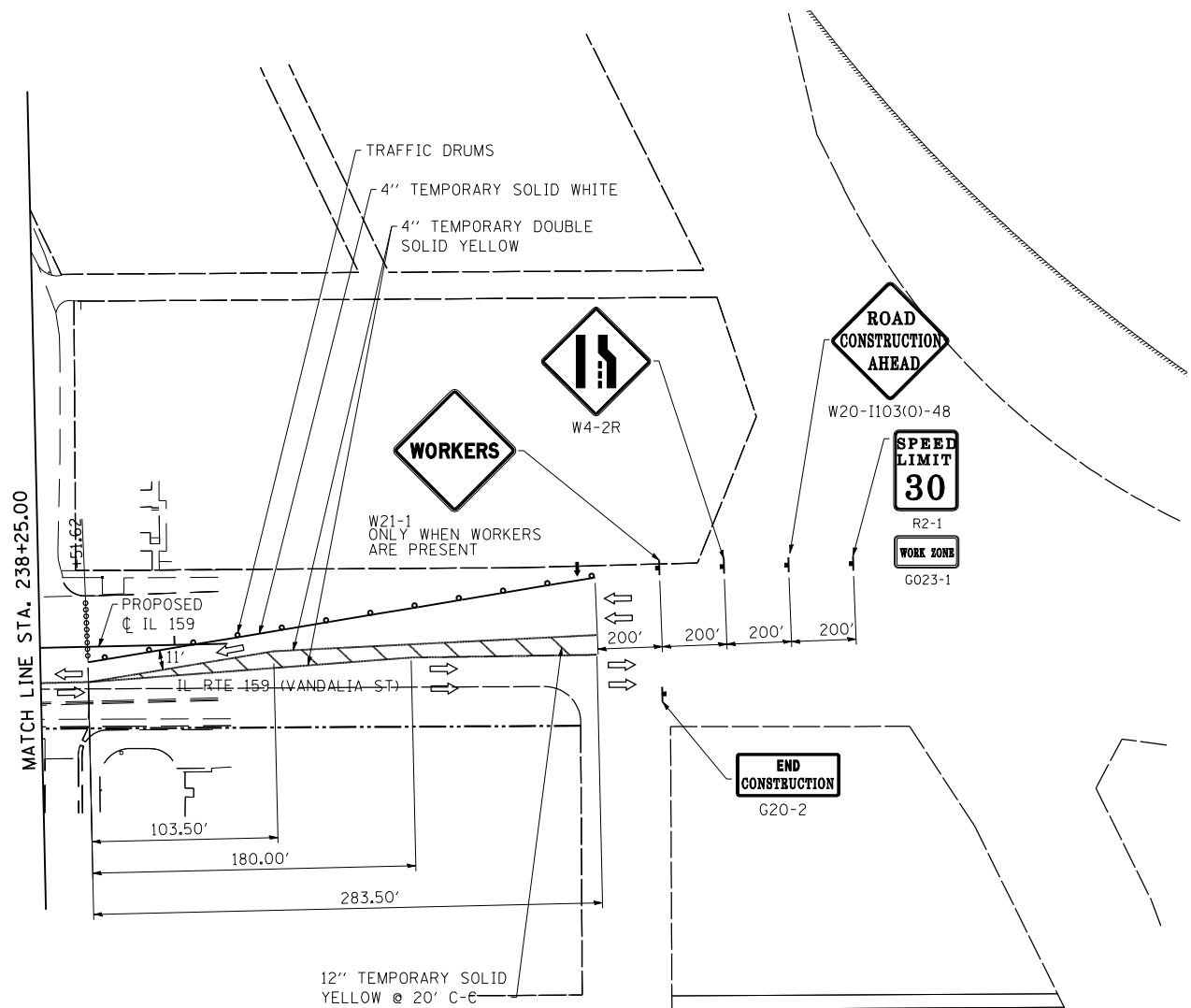
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PLOT SCALE = 100.0000' / IN.		DATE -01/25/2013	REVISED -
PLOT DATE = 3/5/2013			

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**SUGGESTED STAGES OF CONSTRUCTION  
AND TRAFFIC CONTROL - STAGE 3**

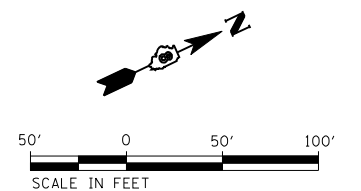
SCALE: 1" = 50'    SHEET NO. 21 OF 22 SHEETS    STA. 223+50 TO STA. 238+25

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
600	60-(30,31,128)	MADISON	529	270
CONTRACT NO. 76885				
ILLINOIS FED. AID PROJECT				



**LEGEND:**

- CONSTRUCTION WORK ZONE PHASE 1
- CONSTRUCTION WORK ZONE PHASE 2
- PAVEMENT REMOVAL
- TYPE II BARRICADE, DRUM OR VERITICAL BARRICADE WITH STEADY BURN MONODIRECTIONAL LIGHT AT SPECIFIED SPACING
- TEMPORARY CONCRETE BARRIER
- TYPE III BARRICADES
- DIRECTION OF TRAFFIC
- ARROW BOARD
- TEMPORARY IMPACT ATTENUATOR

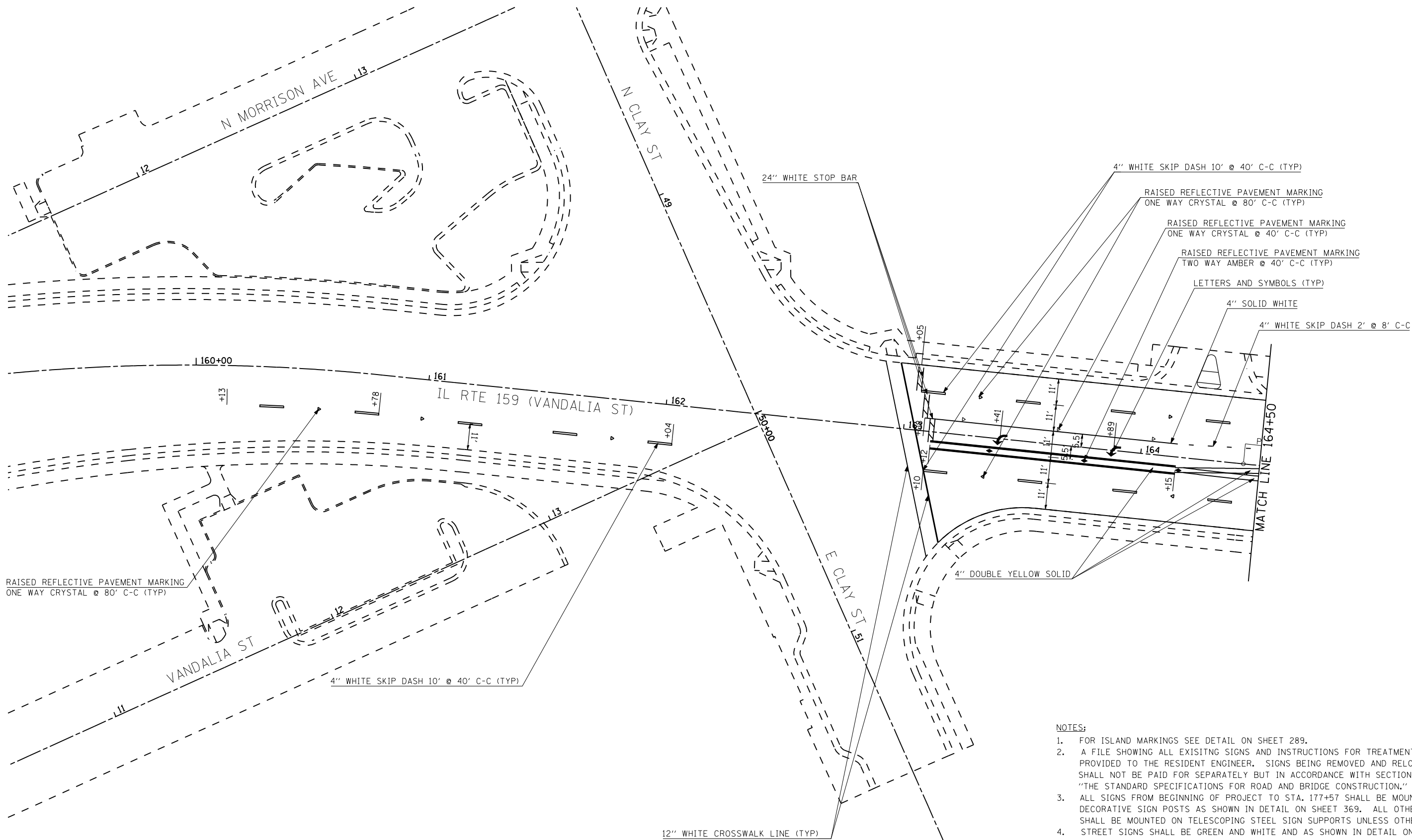


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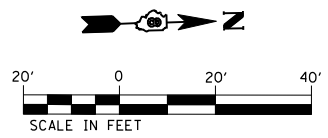
**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

SUGGESTED STAGES OF CONSTRUCTION AND TRAFFIC CONTROL - STAGE 3			
SCALE: 1" = 50'	SHEET NO. 22 OF 22 SHEETS	STA. 223+50 TO STA. 238+25	

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
600	60-(30,31,128)	MADISON	529	271
CONTRACT NO. 76885				
ILLINOIS FED. AID PROJECT				



- NOTES:**
- FOR ISLAND MARKINGS SEE DETAIL ON SHEET 289.
  - A FILE SHOWING ALL EXISTING SIGNS AND INSTRUCTIONS FOR TREATMENT WILL BE PROVIDED TO THE RESIDENT ENGINEER. SIGNS BEING REMOVED AND RELOCATED SHALL NOT BE PAID FOR SEPARATELY BUT IN ACCORDANCE WITH SECTION 107.25 OF "THE STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION."
  - ALL SIGNS FROM BEGINNING OF PROJECT TO STA. 177+57 SHALL BE MOUNTED ON DECORATIVE SIGN POSTS AS SHOWN IN DETAIL ON SHEET 369. ALL OTHER SIGNS SHALL BE MOUNTED ON TELESCOPING STEEL SIGN SUPPORTS UNLESS OTHERWISE NOTED.
  - STREET SIGNS SHALL BE GREEN AND WHITE AND AS SHOWN IN DETAIL ON SHEET 369.



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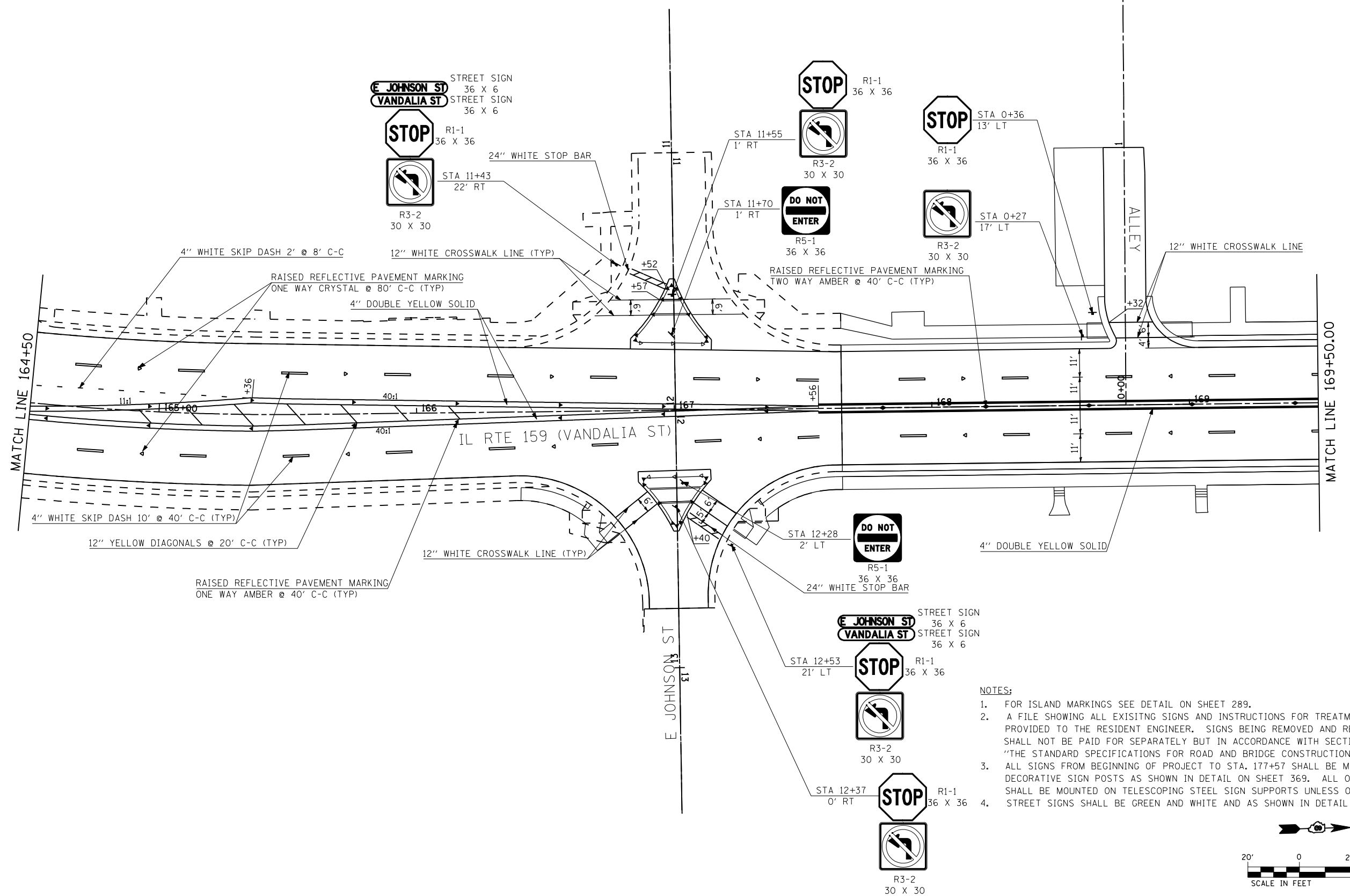
**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**PAVEMENT MARKING AND SIGNING PLAN**

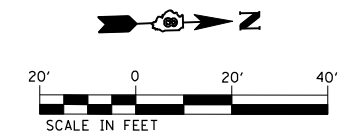
SCALE: 1" = 20'    SHEET NO. 1 OF 18 SHEETS    STA.    TO STA. 164+50

F.A.P. RTE. 600	SECTION 60-(30.31.128)-3	COUNTY MADISON	TOTAL SHEETS 529	SHEET NO. 272
CONTRACT NO. 76885				
ILLINOIS FED. AID PROJECT				





- NOTES:**
- FOR ISLAND MARKINGS SEE DETAIL ON SHEET 289.
  - A FILE SHOWING ALL EXISTING SIGNS AND INSTRUCTIONS FOR TREATMENT WILL BE PROVIDED TO THE RESIDENT ENGINEER. SIGNS BEING REMOVED AND RELOCATED SHALL NOT BE PAID FOR SEPARATELY BUT IN ACCORDANCE WITH SECTION 107.25 OF "THE STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION."
  - ALL SIGNS FROM BEGINNING OF PROJECT TO STA. 177+57 SHALL BE MOUNTED ON DECORATIVE SIGN POSTS AS SHOWN IN DETAIL ON SHEET 369. ALL OTHER SIGNS SHALL BE MOUNTED ON TELESCOPING STEEL SIGN SUPPORTS UNLESS OTHERWISE NOTED.
  - STREET SIGNS SHALL BE GREEN AND WHITE AND AS SHOWN IN DETAIL ON SHEET 369.



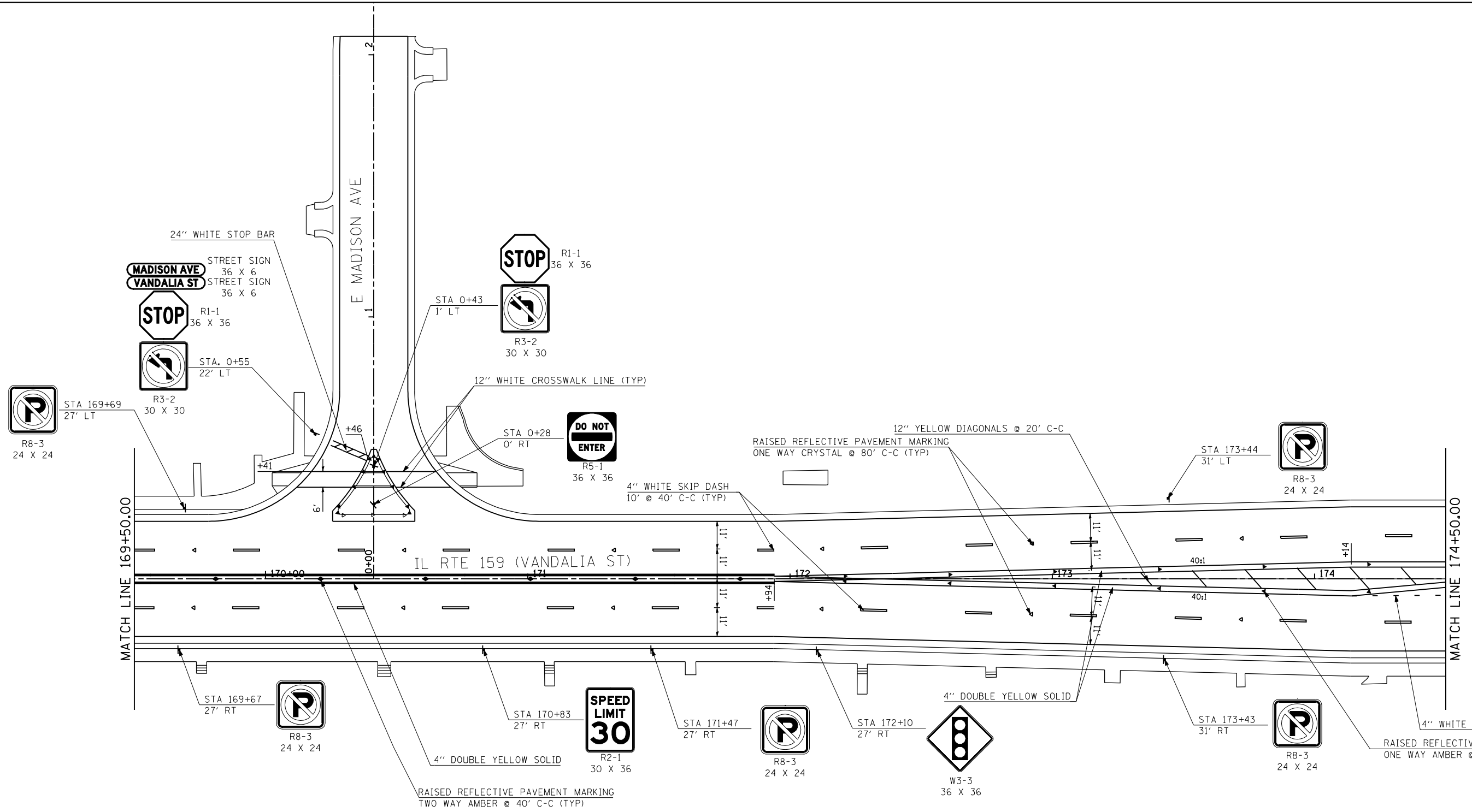
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**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

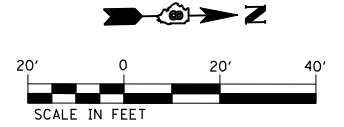
**PAVEMENT MARKING AND SIGNING PLAN**

SCALE: 1" = 20'    SHEET NO. 2 OF 18 SHEETS    STA. 164+50 TO STA. 169+50

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
600	60-(30,31,128)-3	MADISON	529	273
CONTRACT NO. 76885				
ILLINOIS FED. AID PROJECT				



- NOTES:**
- FOR ISLAND MARKINGS SEE DETAIL ON SHEET 289.
  - A FILE SHOWING ALL EXISTING SIGNS AND INSTRUCTIONS FOR TREATMENT WILL BE PROVIDED TO THE RESIDENT ENGINEER. SIGNS BEING REMOVED AND RELOCATED SHALL NOT BE PAID FOR SEPARATELY BUT IN ACCORDANCE WITH SECTION 107.25 OF "THE STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION."
  - ALL SIGNS FROM BEGINNING OF PROJECT TO STA. 177+57 SHALL BE MOUNTED ON DECORATIVE SIGN POSTS AS SHOWN IN DETAIL ON SHEET 369. ALL OTHER SIGNS SHALL BE MOUNTED ON TELESCOPING STEEL SIGN SUPPORTS UNLESS OTHERWISE NOTED.
  - STREET SIGNS SHALL BE GREEN AND WHITE AND AS SHOWN IN DETAIL ON SHEET 369.



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**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**PAVEMENT MARKING AND SIGNING PLAN**

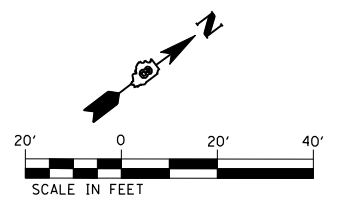
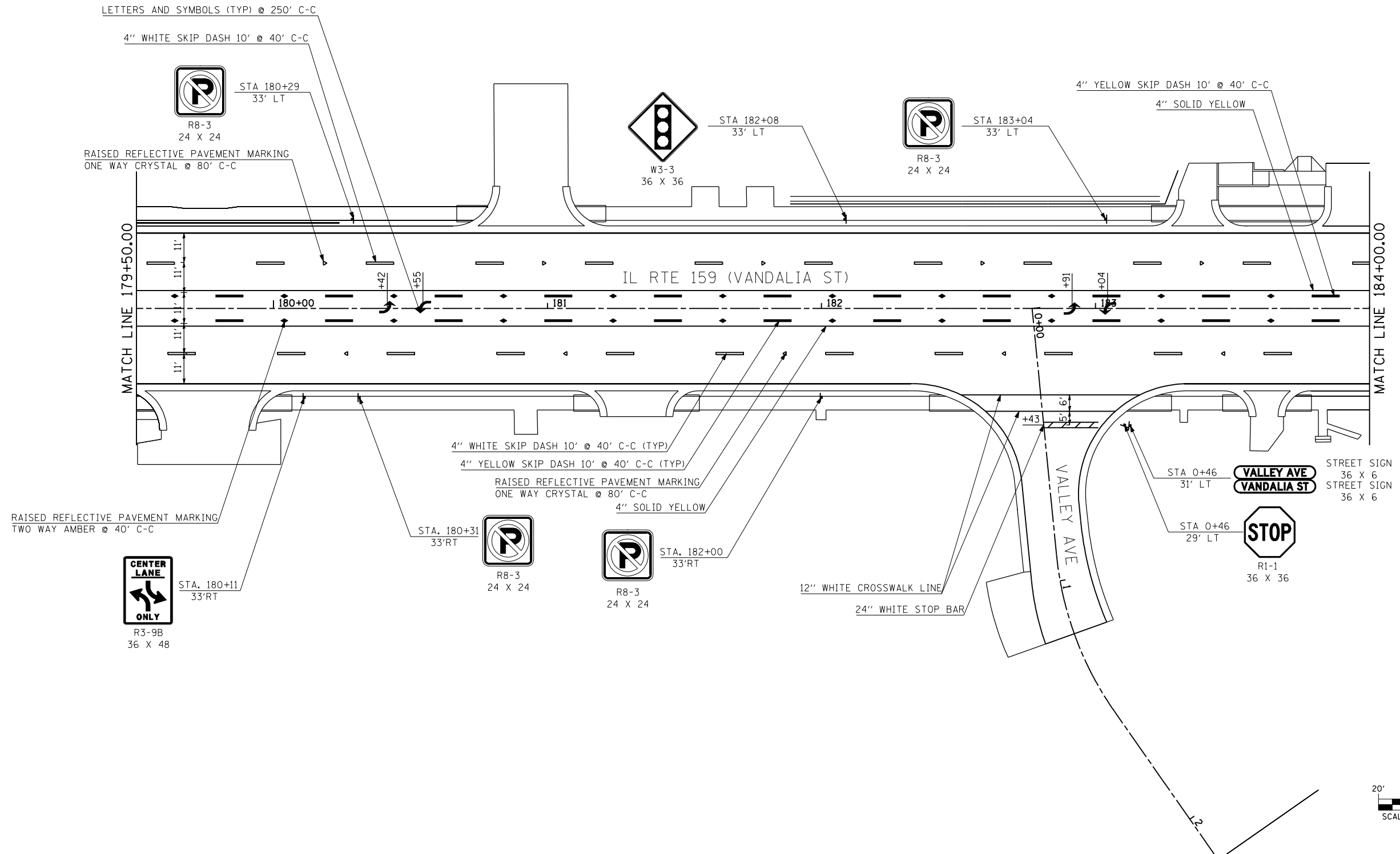
SCALE: 1" = 20'    SHEET NO. 3 OF 18 SHEETS    STA. 169+50 TO STA. 174+50

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
600	60-(30,31,128)-3	MADISON	529	274
CONTRACT NO. 76885				
ILLINOIS FED. AID PROJECT				



**NOTES:**

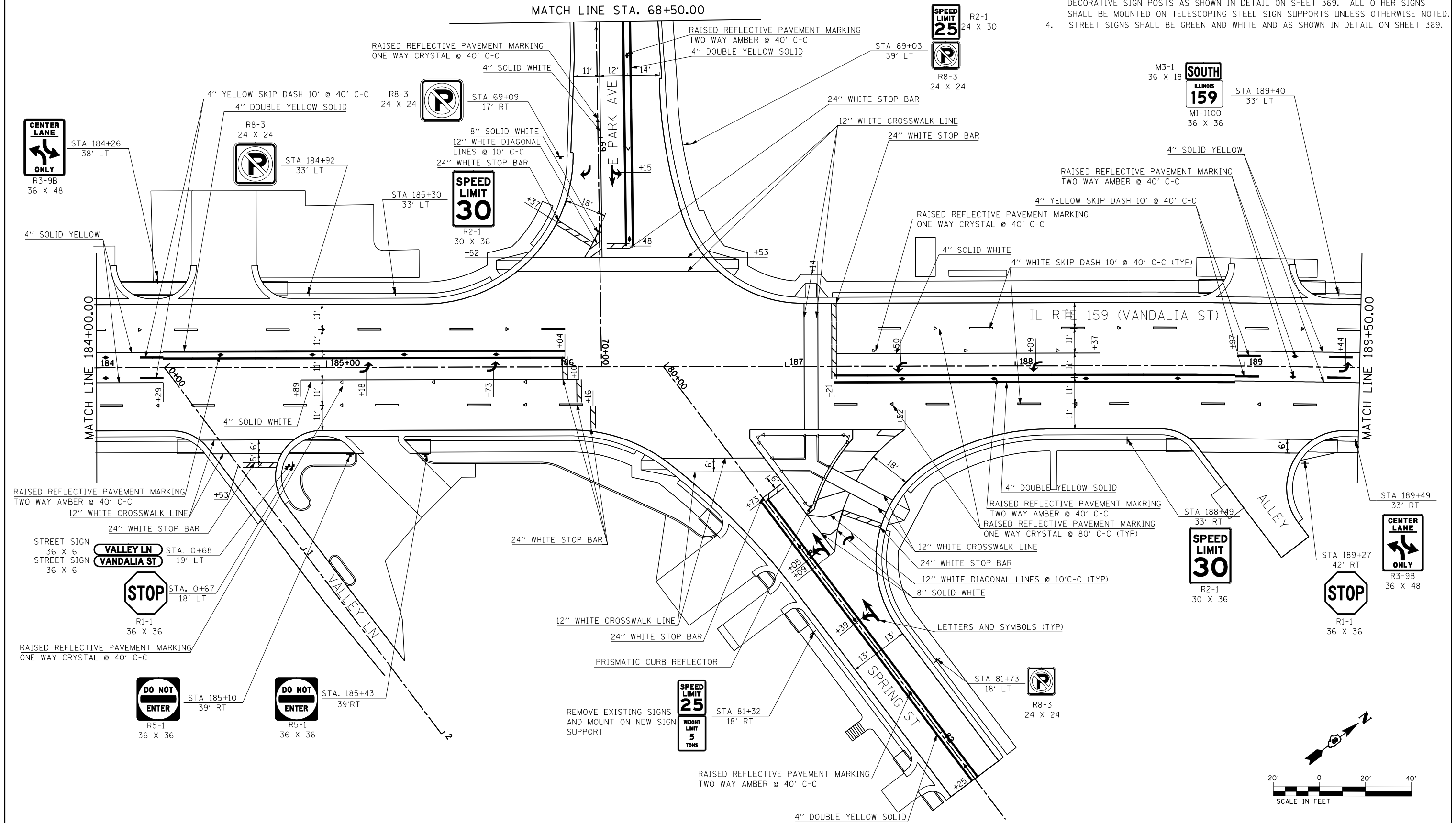
1. FOR ISLAND MARKINGS SEE DETAIL ON SHEET 289.
2. A FILE SHOWING ALL EXISTING SIGNS AND INSTRUCTIONS FOR TREATMENT WILL BE PROVIDED TO THE RESIDENT ENGINEER. SIGNS BEING REMOVED AND RELOCATED SHALL NOT BE PAID FOR SEPARATELY BUT IN ACCORDANCE WITH SECTION 107.25 OF "THE STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION."
3. ALL SIGNS FROM BEGINNING OF PROJECT TO STA. 177+57 SHALL BE MOUNTED ON DECORATIVE SIGN POSTS AS SHOWN IN DETAIL ON SHEET 369. ALL OTHER SIGNS SHALL BE MOUNTED ON TELESCOPING STEEL SIGN SUPPORTS UNLESS OTHERWISE NOTED.
4. STREET SIGNS SHALL BE GREEN AND WHITE AND AS SHOWN IN DETAIL ON SHEET 369.



FILE NAME = P:\08-0024 Volkert-IL Rte 159 PTB 136-02	USER NAME = default	DESIGNED -	REVISED -	<b>STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION</b>	<b>PAVEMENT MARKING AND SIGNING PLAN</b>			F.A.P. RTE. 600	SECTION 60-(30,31,128)-3	COUNTY MADISON	TOTAL SHEETS 529	SHEET NO. 276
		DRAWN -	REVISED -		SCALE: 1" = 20'	SHEET NO. 5 OF 18 SHEETS	STA. 179+50 TO STA. 184+00	<b>CONTRACT NO. 76885</b>				
		CHECKED -	REVISED -		ILLINOIS FED. AID PROJECT							
		DATE -01/25/2013	REVISED -									

**NOTES:**

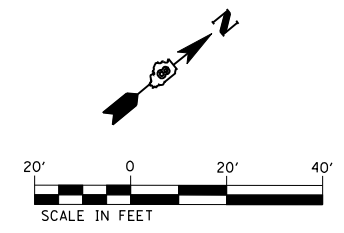
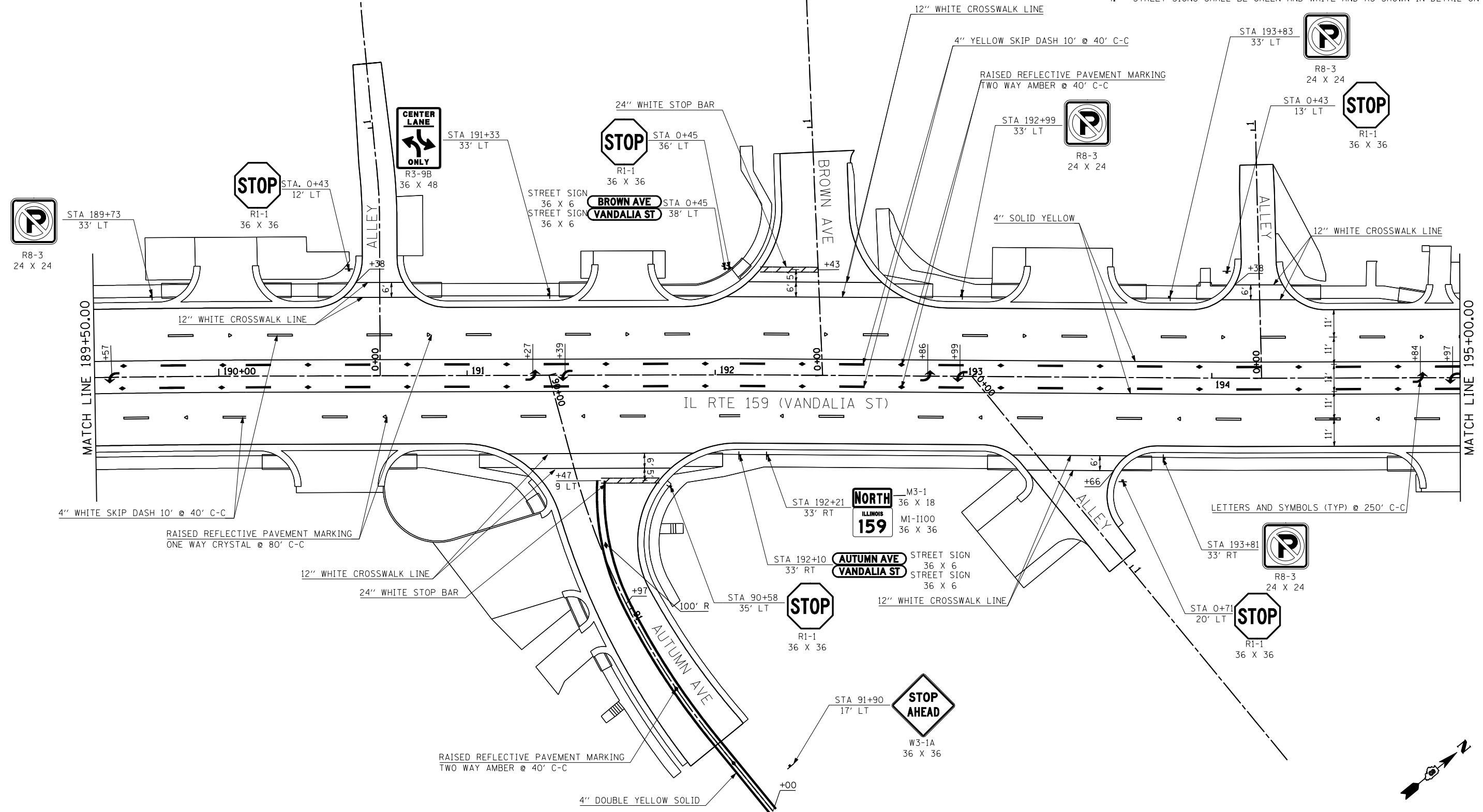
1. FOR ISLAND MARKINGS SEE DETAIL ON SHEET 289.
2. A FILE SHOWING ALL EXISTING SIGNS AND INSTRUCTIONS FOR TREATMENT WILL BE PROVIDED TO THE RESIDENT ENGINEER. SIGNS BEING REMOVED AND RELOCATED SHALL NOT BE PAID FOR SEPARATELY BUT IN ACCORDANCE WITH SECTION 107.25 OF "THE STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION."
3. ALL SIGNS FROM BEGINNING OF PROJECT TO STA. 177+57 SHALL BE MOUNTED ON DECORATIVE SIGN POSTS AS SHOWN IN DETAIL ON SHEET 369. ALL OTHER SIGNS SHALL BE MOUNTED ON TELESCOPING STEEL SIGN SUPPORTS UNLESS OTHERWISE NOTED.
4. STREET SIGNS SHALL BE GREEN AND WHITE AND AS SHOWN IN DETAIL ON SHEET 369.



FILE NAME =	USER NAME = default	DESIGNED -	REVISED -	<b>STATE OF ILLINOIS</b> <b>DEPARTMENT OF TRANSPORTATION</b>	<b>PAVEMENT MARKING AND SIGNING PLAN</b>			F.A.P. RTE. =	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
P:\08-0024 Volkert-IL Rte 159 PTB 136-02	X:\10_CAD\CADD Sheets\D876885-sht\pmk-sign.dwg	DRAWN -	REVISED -		SCALE: 1" = 20'	SHEET NO. 6 OF 18 SHEETS	STA. 184+00 TO STA. 189+50	600	60-(30.31.128)-3	MADISON	529	277
		CHECKED -	REVISED -		CONTRACT NO. 76885							
		DATE -01/25/2013	REVISED -		ILLINOIS FED. AID PROJECT							

**NOTES:**

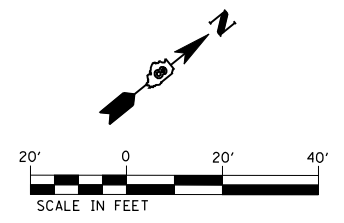
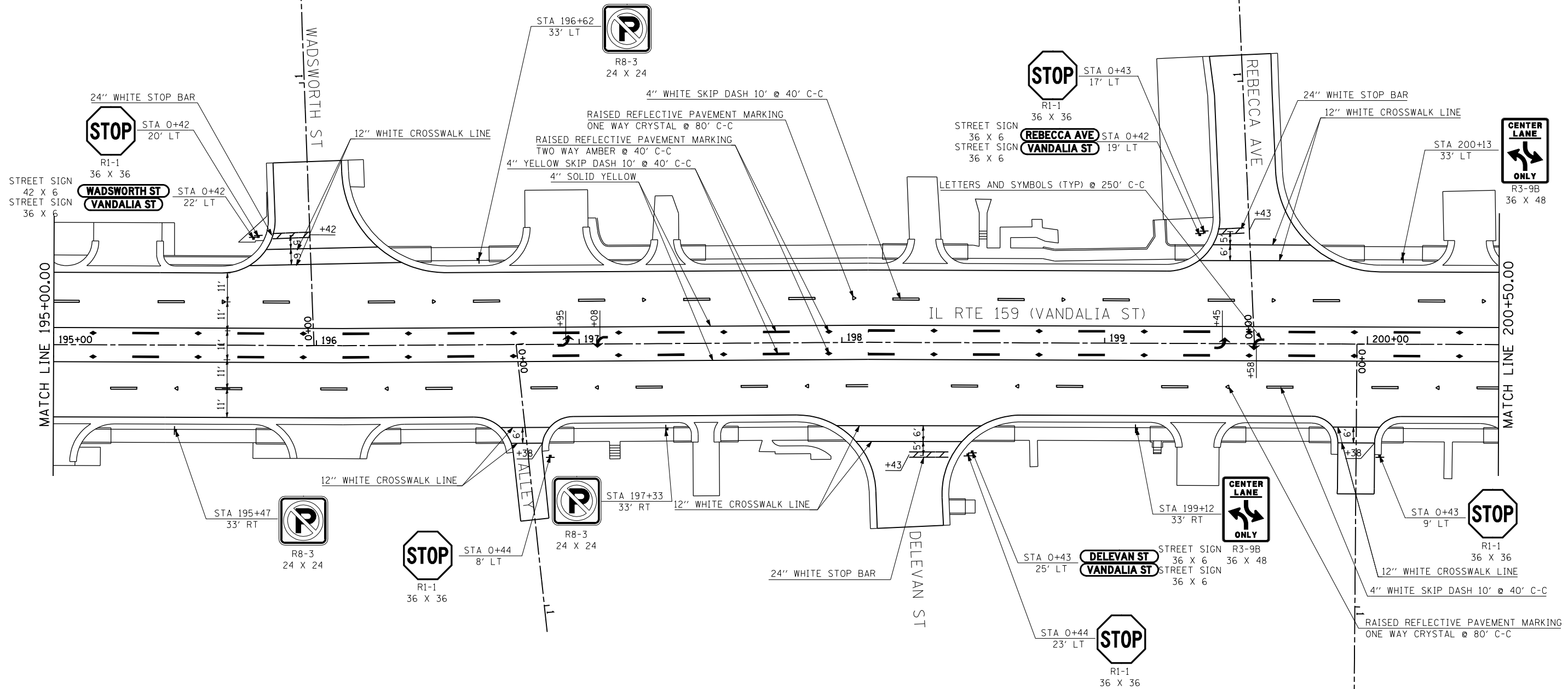
1. FOR ISLAND MARKINGS SEE DETAIL ON SHEET 289.
2. A FILE SHOWING ALL EXISTING SIGNS AND INSTRUCTIONS FOR TREATMENT WILL BE PROVIDED TO THE RESIDENT ENGINEER. SIGNS BEING REMOVED AND RELOCATED SHALL NOT BE PAID FOR SEPARATELY BUT IN ACCORDANCE WITH SECTION 107.25 OF "THE STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION."
3. ALL SIGNS FROM BEGINNING OF PROJECT TO STA. 177+57 SHALL BE MOUNTED ON DECORATIVE SIGN POSTS AS SHOWN IN DETAIL ON SHEET 369. ALL OTHER SIGNS SHALL BE MOUNTED ON TELESCOPING STEEL SIGN SUPPORTS UNLESS OTHERWISE NOTED.
4. STREET SIGNS SHALL BE GREEN AND WHITE AND AS SHOWN IN DETAIL ON SHEET 369.



FILE NAME = P:\08-0024 Volkert-IL Rte 159 PTB 136-02	USER NAME = default	DESIGNED -	REVISED -	<b>STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION</b>	<b>PAVEMENT MARKING AND SIGNING PLAN</b>			F.A.P. RTE. = 600	SECTION = 60-(30.31.128)-3	COUNTY = MADISON	TOTAL SHEETS = 529	SHEET NO. = 278
	PLOT SCALE = 40.0000' / IN.	CHECKED -	REVISED -					SCALE: 1" = 20"	SHEET NO. 7 OF 18 SHEETS	STA. 189+50 TO STA. 195+00	CONTRACT NO. 76885	
PLOT DATE = 3/5/2013	DATE = -01/25/2013	REVISOR -	REVISOR -				ILLINOIS FED. AID PROJECT					

NOTES:

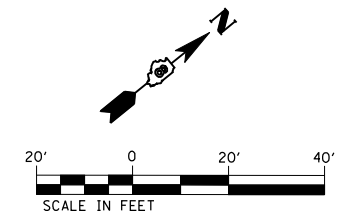
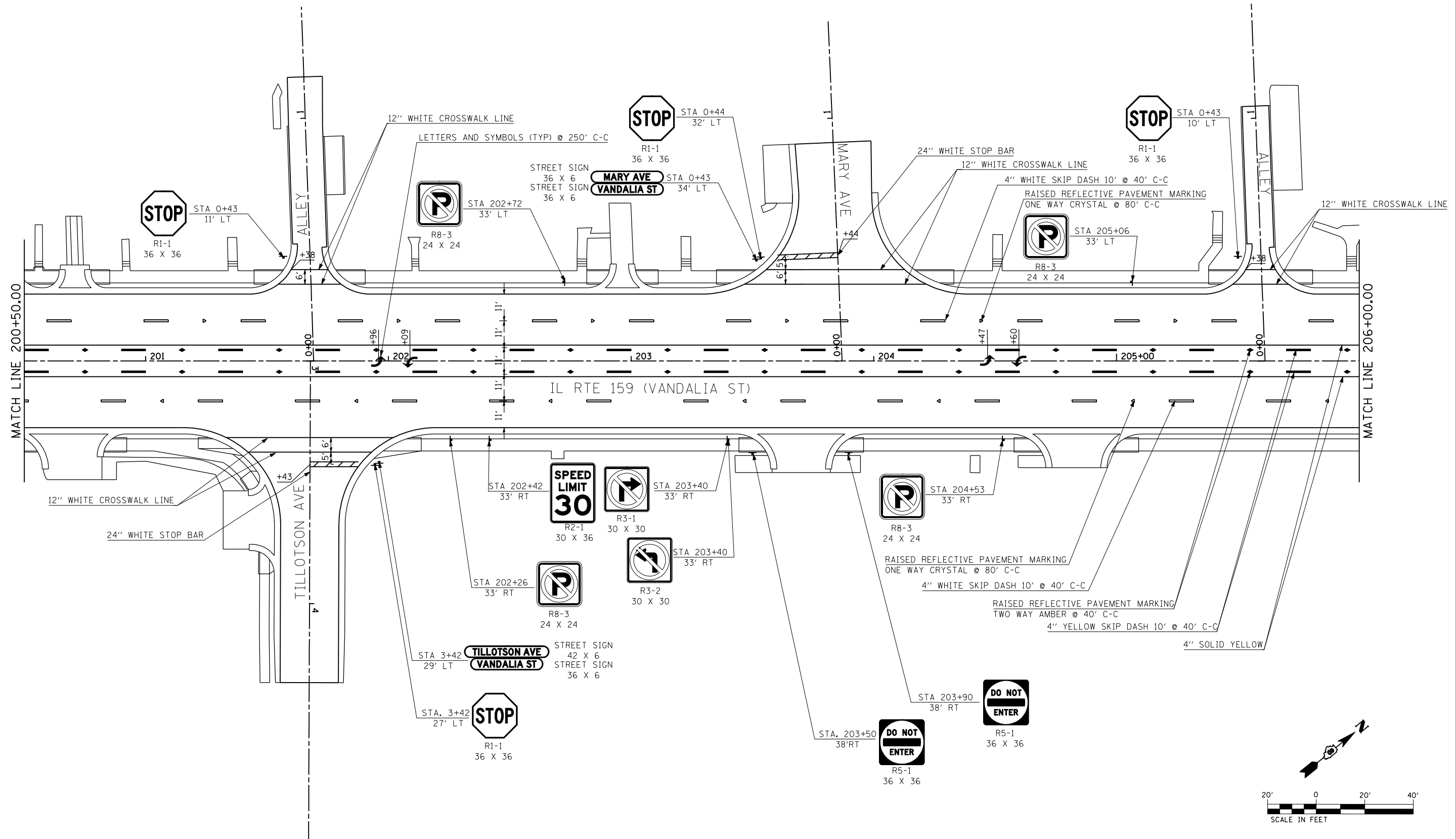
- FOR ISLAND MARKINGS SEE DETAIL ON SHEET 289.
- A FILE SHOWING ALL EXISTING SIGNS AND INSTRUCTIONS FOR TREATMENT WILL BE PROVIDED TO THE RESIDENT ENGINEER. SIGNS BEING REMOVED AND RELOCATED SHALL NOT BE PAID FOR SEPARATELY BUT IN ACCORDANCE WITH SECTION 107.25 OF "THE STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION."
- ALL SIGNS FROM BEGINNING OF PROJECT TO STA. 177+57 SHALL BE MOUNTED ON DECORATIVE SIGN POSTS AS SHOWN IN DETAIL ON SHEET 369. ALL OTHER SIGNS SHALL BE MOUNTED ON TELESCOPING STEEL SIGN SUPPORTS UNLESS OTHERWISE NOTED.
- STREET SIGNS SHALL BE GREEN AND WHITE AND AS SHOWN IN DETAIL ON SHEET 369.



FILE NAME = P:\08-0024 Volkert-IL Rte 159 PTB 136-02	USER NAME = default	DESIGNED -	REVISED -	<b>STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION</b>	<b>PAVEMENT MARKING AND SIGNING PLAN</b>			F.A.P. RTE. 600	SECTION 60-(30,31,128)-3	COUNTY MADISON	TOTAL SHEETS 529	SHEET NO. 279
		DRAWN -	REVISED -		SCALE: 1" = 20'    SHEET NO. 8 OF 18 SHEETS    STA. 195+00 TO STA. 200+50			CONTRACT NO. 76B85				
		CHECKED -	REVISED -		ILLINOIS FED. AID PROJECT							
		DATE -01/25/2013	REVISED -									

**NOTES:**

1. FOR ISLAND MARKINGS SEE DETAIL ON SHEET 289.
2. A FILE SHOWING ALL EXISTING SIGNS AND INSTRUCTIONS FOR TREATMENT WILL BE PROVIDED TO THE RESIDENT ENGINEER. SIGNS BEING REMOVED AND RELOCATED SHALL NOT BE PAID FOR SEPARATELY BUT IN ACCORDANCE WITH SECTION 107.25 OF "THE STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION."
3. ALL SIGNS FROM BEGINNING OF PROJECT TO STA. 177+57 SHALL BE MOUNTED ON DECORATIVE SIGN POSTS AS SHOWN IN DETAIL ON SHEET 369. ALL OTHER SIGNS SHALL BE MOUNTED ON TELESCOPING STEEL SIGN SUPPORTS UNLESS OTHERWISE NOTED.
4. STREET SIGNS SHALL BE GREEN AND WHITE AND AS SHOWN IN DETAIL ON SHEET 369.



FILE NAME = P:\08-0024 Volkert-IL Rte 159 PTB 136-02	USER NAME = default	DESIGNED -	REVISED -
\\10.CAD\CADD Sheets\D876885-sht\pmk*sign.dwg		DRAWN -	REVISED -
PLOT SCALE = 40.0000 ' / IN.		CHECKED -	REVISED -
PLOT DATE = 3/5/2013		DATE -01/25/2013	REVISED -

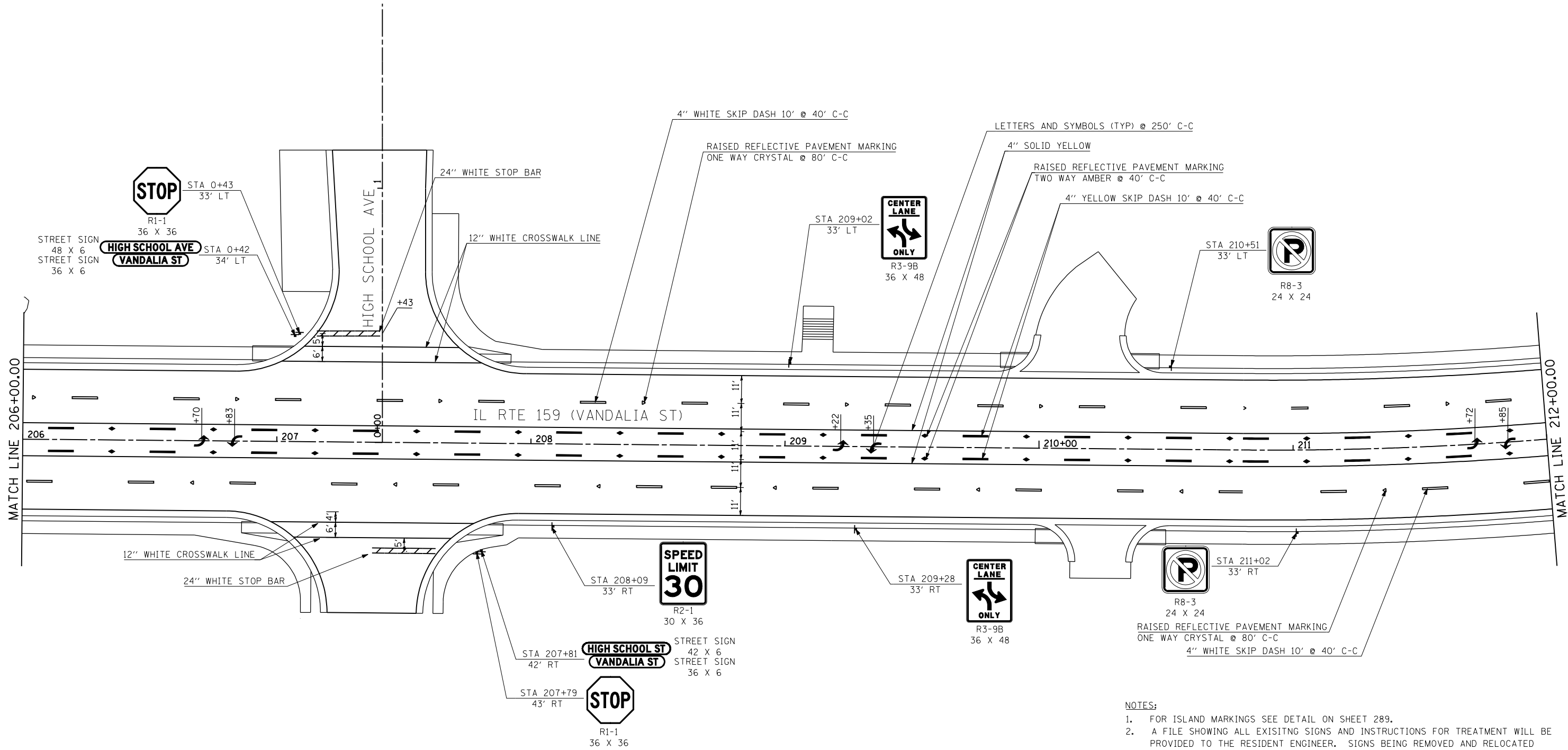
**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**PAVEMENT MARKING AND SIGNING PLAN**

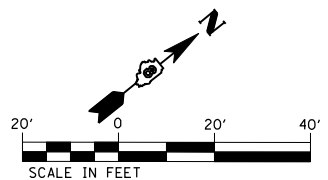
SCALE: 1" = 20'    SHEET NO. 9 OF 18 SHEETS    STA. 200+50 TO STA. 206+00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
600	60-(30,31,128)-3	MADISON	529	280
CONTRACT NO. 76885				
ILLINOIS FED. AID PROJECT				

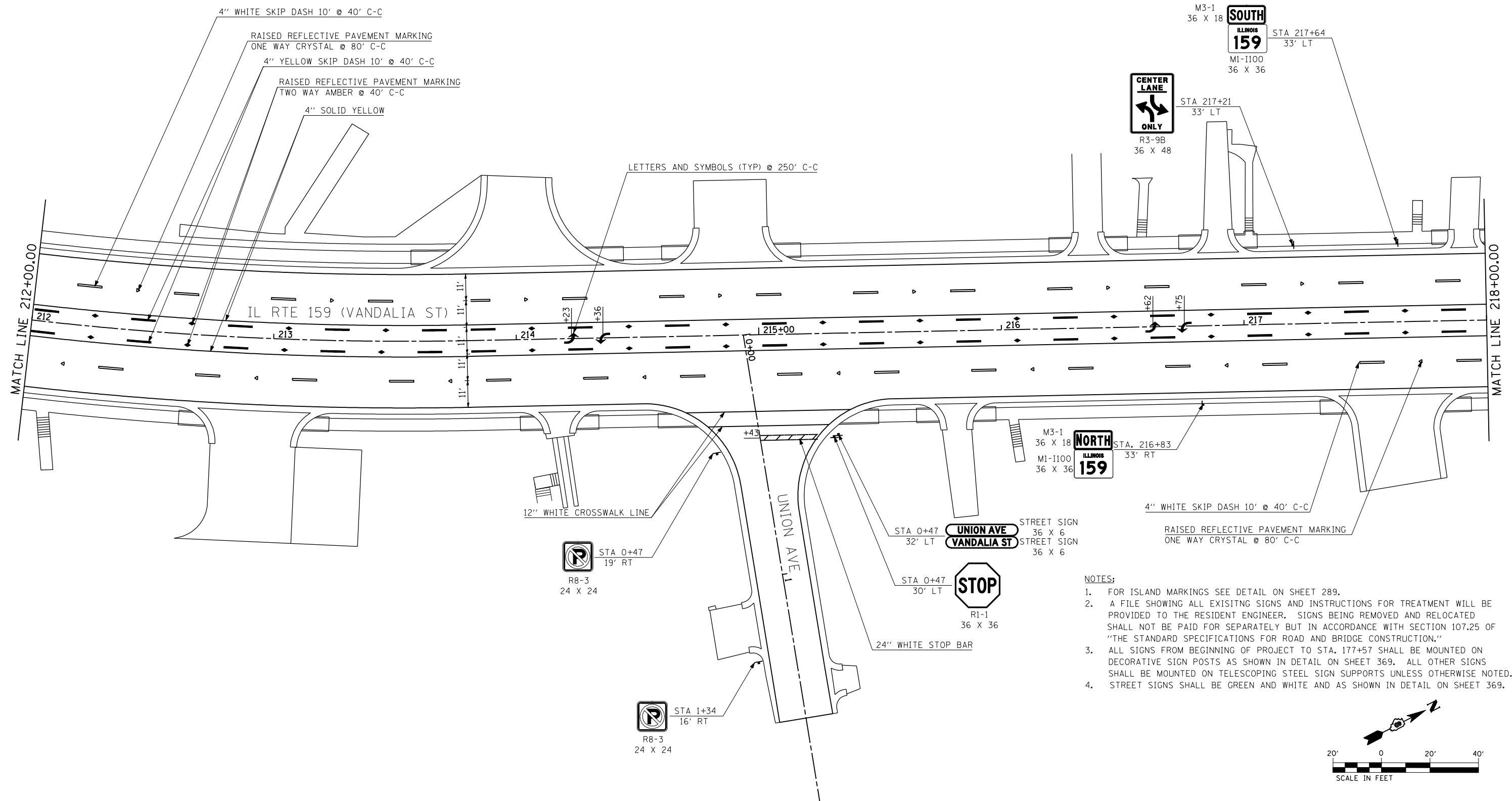




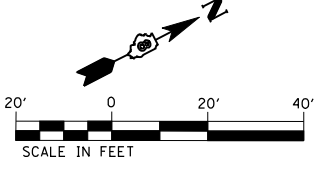
- NOTES:
1. FOR ISLAND MARKINGS SEE DETAIL ON SHEET 289.
  2. A FILE SHOWING ALL EXISTING SIGNS AND INSTRUCTIONS FOR TREATMENT WILL BE PROVIDED TO THE RESIDENT ENGINEER. SIGNS BEING REMOVED AND RELOCATED SHALL NOT BE PAID FOR SEPARATELY BUT IN ACCORDANCE WITH SECTION 107.25 OF "THE STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION."
  3. ALL SIGNS FROM BEGINNING OF PROJECT TO STA. 177+57 SHALL BE MOUNTED ON DECORATIVE SIGN POSTS AS SHOWN IN DETAIL ON SHEET 369. ALL OTHER SIGNS SHALL BE MOUNTED ON TELESCOPING STEEL SIGN SUPPORTS UNLESS OTHERWISE NOTED.
  4. STREET SIGNS SHALL BE GREEN AND WHITE AND AS SHOWN IN DETAIL ON SHEET 369.



FILE NAME = P:\08-0024 Volkert-IL Rte 159 PTB 136-02	USER NAME = default	DESIGNED -	REVISED -	<b>STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION</b>	<b>PAVEMENT MARKING AND SIGNING PLAN</b>	F.A.P. RTE. = 600	SECTION = 60-(30,31,128)-3	COUNTY = MADISON	TOTAL SHEETS = 529	SHEET NO. = 281		
	DRAWN -	REVISED -				SCALE: 1" = 20'	SHEET NO. 10 OF 18 SHEETS	STA. 206+00	TO STA. 212+00	CONTRACT NO. 76885		
	PLOT SCALE = 40.0000 "/ IN.	CHECKED -	REVISED -			ILLINOIS FED. AID PROJECT						
	PLOT DATE = 3/5/2013	DATE = -01/25/2013	REVISED -									



- NOTES:**
- FOR ISLAND MARKINGS SEE DETAIL ON SHEET 289.
  - A FILE SHOWING ALL EXISTING SIGNS AND INSTRUCTIONS FOR TREATMENT WILL BE PROVIDED TO THE RESIDENT ENGINEER. SIGNS BEING REMOVED AND RELOCATED SHALL NOT BE PAID FOR SEPARATELY BUT IN ACCORDANCE WITH SECTION 107.25 OF "THE STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION."
  - ALL SIGNS FROM BEGINNING OF PROJECT TO STA. 177+57 SHALL BE MOUNTED ON DECORATIVE SIGN POSTS AS SHOWN IN DETAIL ON SHEET 369. ALL OTHER SIGNS SHALL BE MOUNTED ON TELESCOPING STEEL SIGN SUPPORTS UNLESS OTHERWISE NOTED.
  - STREET SIGNS SHALL BE GREEN AND WHITE AND AS SHOWN IN DETAIL ON SHEET 369.



FILE NAME =	USER NAME = default	DESIGNED -	REVISED -
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	PLOT DATE = 3/5/2013	DATE -01/25/2013	REVISED -

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

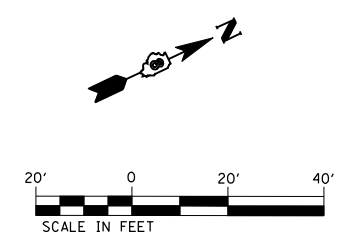
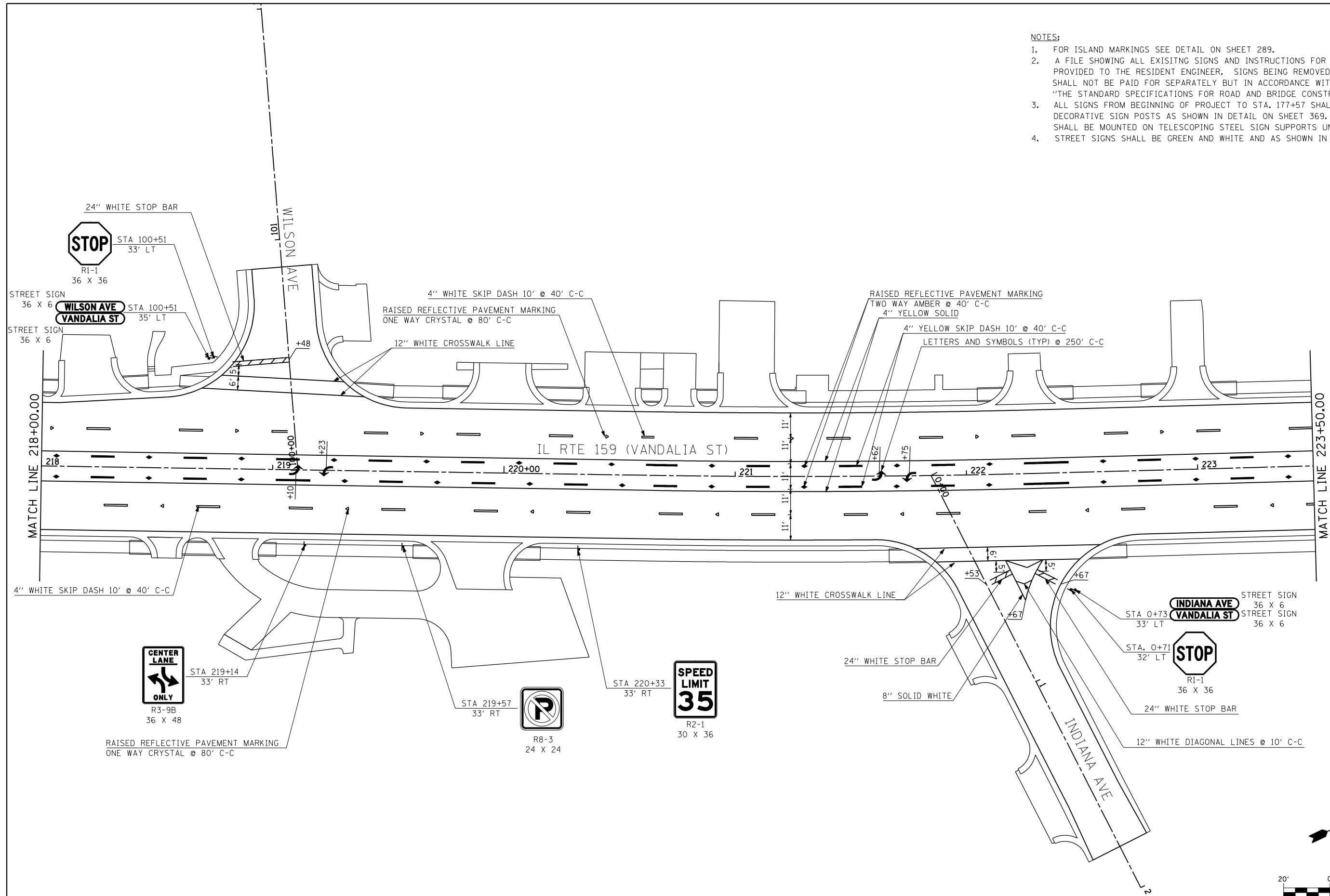
**PAVEMENT MARKING AND SIGNING PLAN**

SCALE: 1" = 20'    SHEET NO. 11 OF 18 SHEETS    STA. 212+00    TO STA. 218+00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
600	60-(30,31,128)-3	MADISON	529	282
CONTRACT NO. 76885				
ILLINOIS FED. AID PROJECT				

**NOTES:**

1. FOR ISLAND MARKINGS SEE DETAIL ON SHEET 289.
2. A FILE SHOWING ALL EXISTING SIGNS AND INSTRUCTIONS FOR TREATMENT WILL BE PROVIDED TO THE RESIDENT ENGINEER. SIGNS BEING REMOVED AND RELOCATED SHALL NOT BE PAID FOR SEPARATELY BUT IN ACCORDANCE WITH SECTION 107.25 OF "THE STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION."
3. ALL SIGNS FROM BEGINNING OF PROJECT TO STA. 177+57 SHALL BE MOUNTED ON DECORATIVE SIGN POSTS AS SHOWN IN DETAIL ON SHEET 369. ALL OTHER SIGNS SHALL BE MOUNTED ON TELESCOPING STEEL SIGN SUPPORTS UNLESS OTHERWISE NOTED.
4. STREET SIGNS SHALL BE GREEN AND WHITE AND AS SHOWN IN DETAIL ON SHEET 369.



FILE NAME =	USER NAME = default	DESIGNED -	REVISED -
P:\08-0024 Volkert-IL Rte 159 PTB 136-02	\\10.CAD\CADD Sheets\D876885-sht\pmk-sign.dwg	DRAWN -	REVISED -
	PLOT SCALE = 40.0000 ' / IN.	CHECKED -	REVISED -
	PLOT DATE = 3/5/2013	DATE -01/25/2013	REVISED -

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

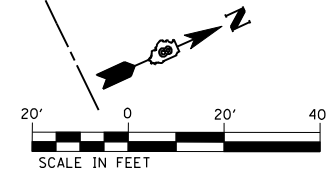
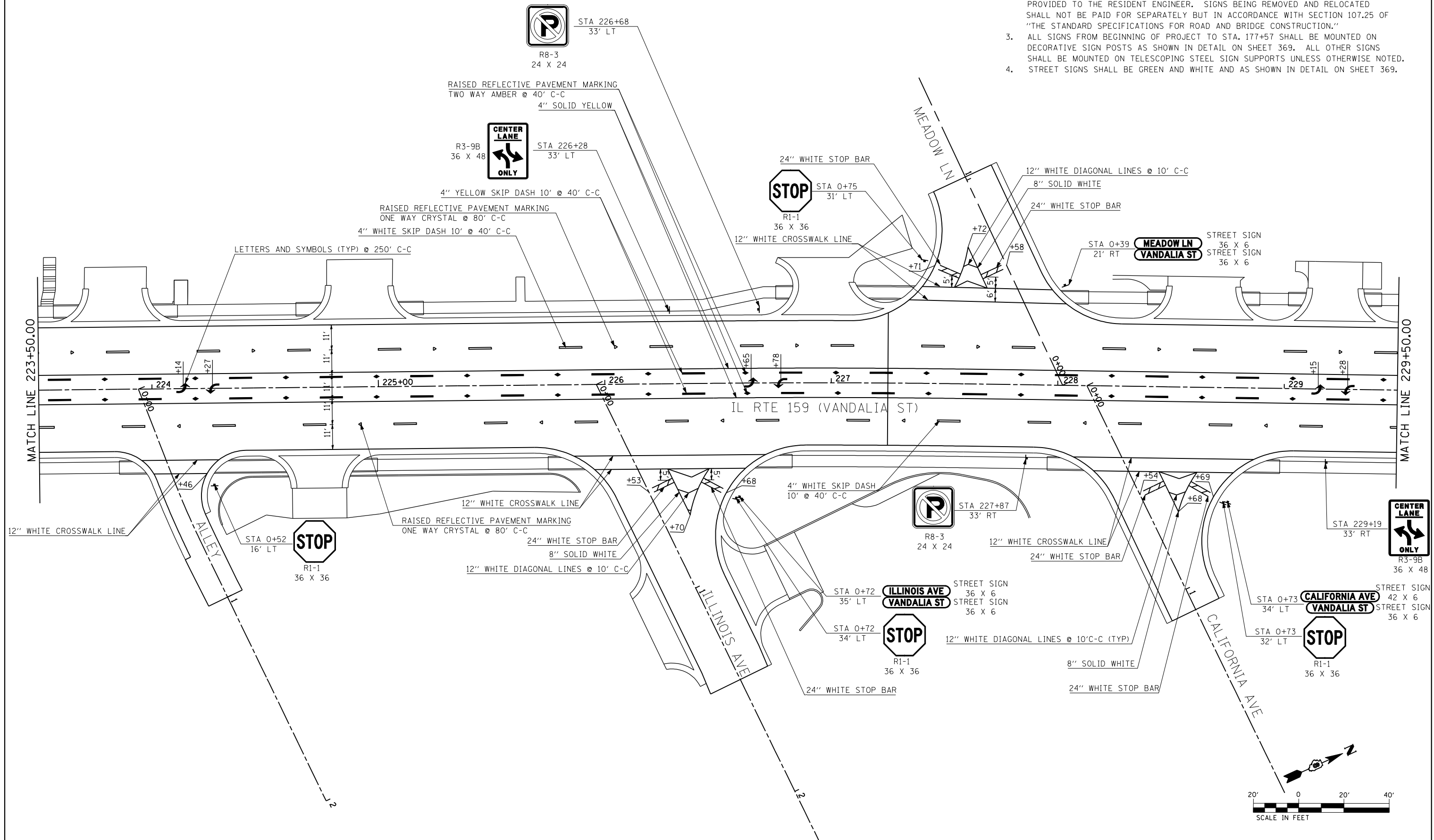
**PAVEMENT MARKING AND SIGNING PLAN**

SCALE: 1" = 20'    SHEET NO. 12 OF 18 SHEETS    STA. 218+00    TO STA. 223+50

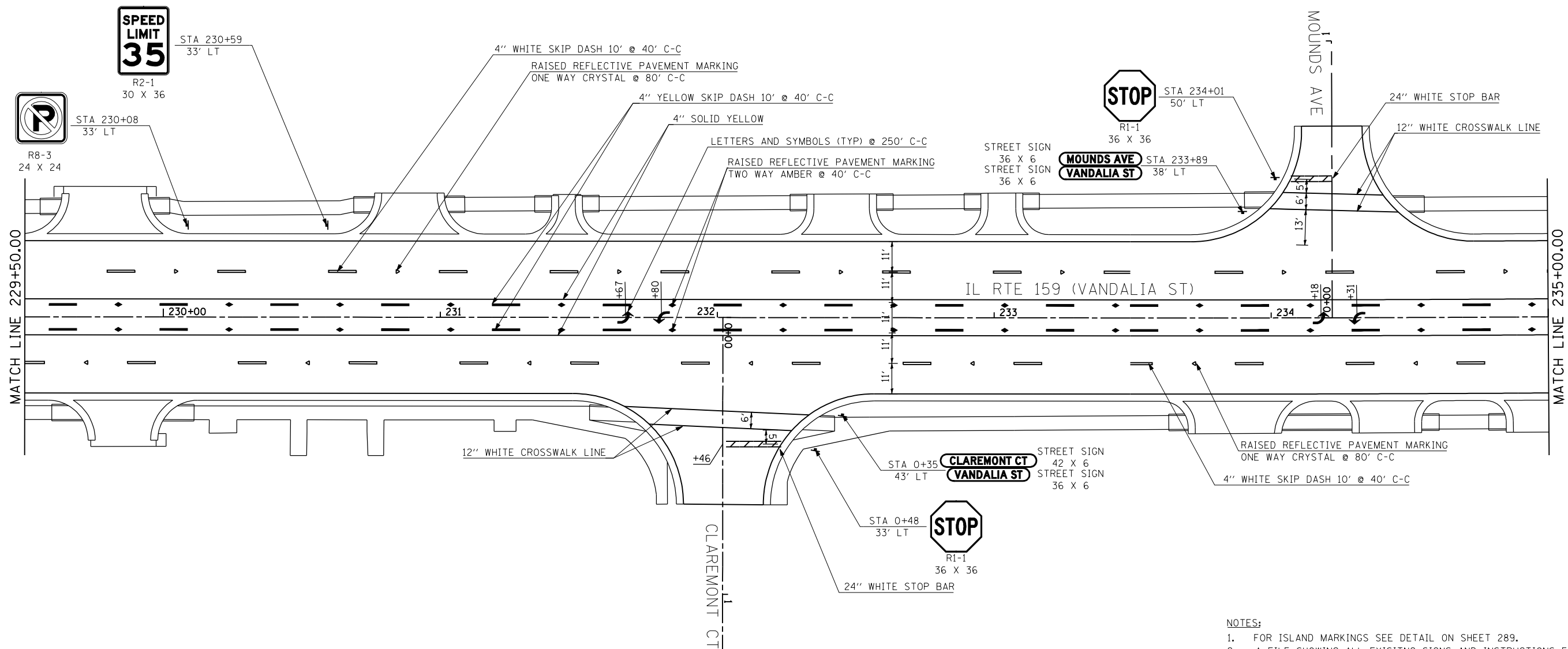
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
600	60-(30.31.128)-3	MADISON	529	283
CONTRACT NO. 76885				
ILLINOIS FED. AID PROJECT				

**NOTES:**

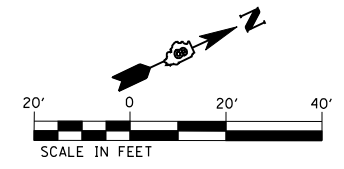
1. FOR ISLAND MARKINGS SEE DETAIL ON SHEET 289.
2. A FILE SHOWING ALL EXISTING SIGNS AND INSTRUCTIONS FOR TREATMENT WILL BE PROVIDED TO THE RESIDENT ENGINEER. SIGNS BEING REMOVED AND RELOCATED SHALL NOT BE PAID FOR SEPARATELY BUT IN ACCORDANCE WITH SECTION 107.25 OF "THE STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION."
3. ALL SIGNS FROM BEGINNING OF PROJECT TO STA. 177+57 SHALL BE MOUNTED ON DECORATIVE SIGN POSTS AS SHOWN IN DETAIL ON SHEET 369. ALL OTHER SIGNS SHALL BE MOUNTED ON TELESCOPING STEEL SIGN SUPPORTS UNLESS OTHERWISE NOTED.
4. STREET SIGNS SHALL BE GREEN AND WHITE AND AS SHOWN IN DETAIL ON SHEET 369.



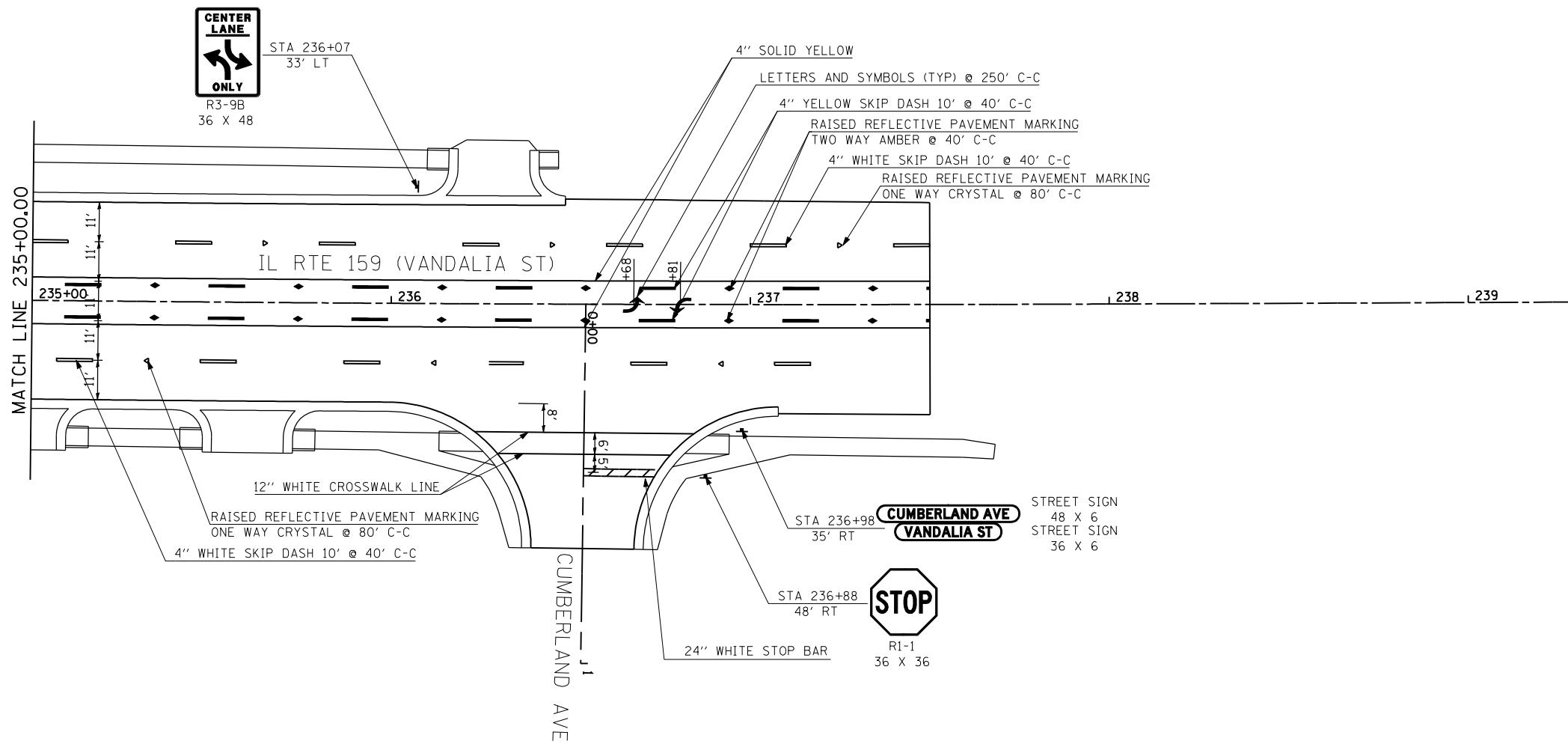
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		DRAWN -	REVISED -			SCALE: 1" = 20'	SHEET NO. 13 OF 18 SHEETS	STA. 223+50	TO STA. 229+50	CONTRACT NO. 76885		
		CHECKED -	REVISED -			ILLINOIS FED. AID PROJECT						
		DATE = 01/25/2013	REVISED -									



- NOTES:
- FOR ISLAND MARKINGS SEE DETAIL ON SHEET 289.
  - A FILE SHOWING ALL EXISTING SIGNS AND INSTRUCTIONS FOR TREATMENT WILL BE PROVIDED TO THE RESIDENT ENGINEER. SIGNS BEING REMOVED AND RELOCATED SHALL NOT BE PAID FOR SEPARATELY BUT IN ACCORDANCE WITH SECTION 107.25 OF "THE STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION."
  - ALL SIGNS FROM BEGINNING OF PROJECT TO STA. 177+57 SHALL BE MOUNTED ON DECORATIVE SIGN POSTS AS SHOWN IN DETAIL ON SHEET 369. ALL OTHER SIGNS SHALL BE MOUNTED ON TELESCOPING STEEL SIGN SUPPORTS UNLESS OTHERWISE NOTED.
  - STREET SIGNS SHALL BE GREEN AND WHITE AND AS SHOWN IN DETAIL ON SHEET 369.

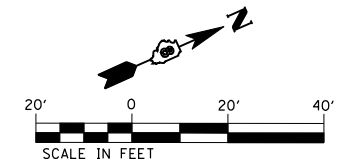


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	PLOT SCALE = 40.0000' / IN.	CHECKED -	REVISED -			SCALE: 1" = 20'	SHEET NO. 14 OF 18 SHEETS	STA. 229+50	TO STA. 235+00	CONTRACT NO. 76B85		
	PLOT DATE = 3/5/2013	DATE = -01/25/2013	REVISED -			ILLINOIS FED. AID PROJECT						

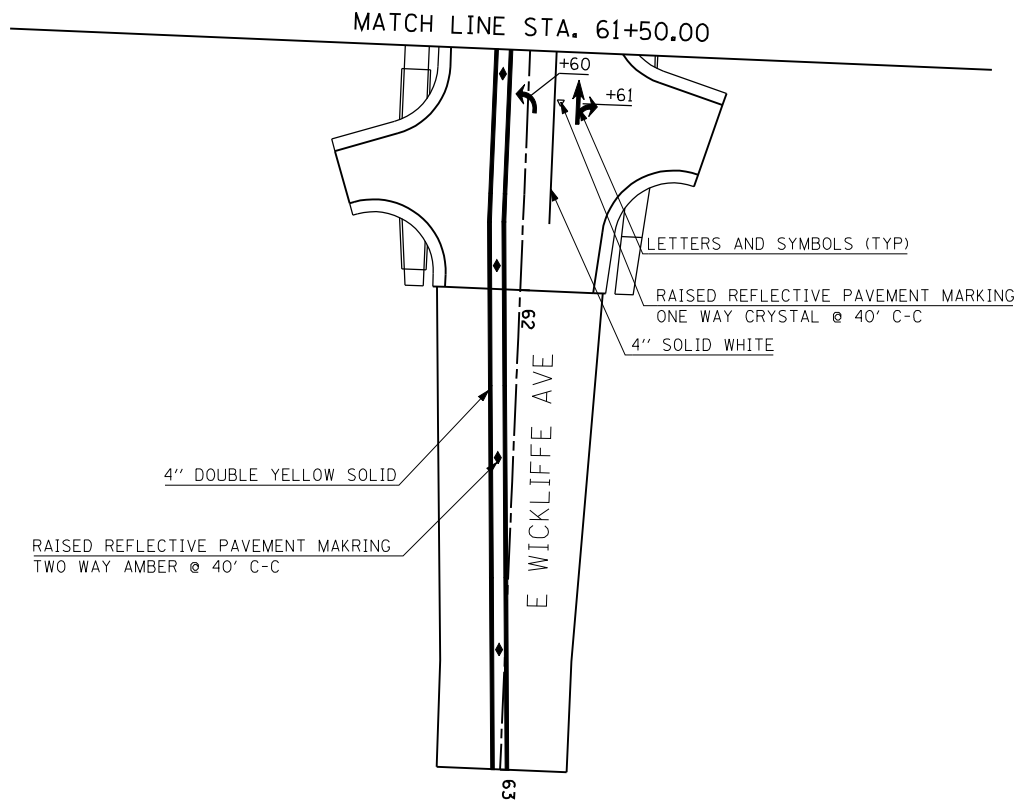
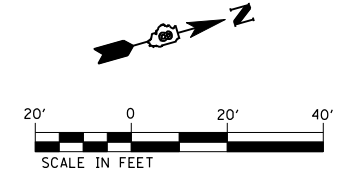
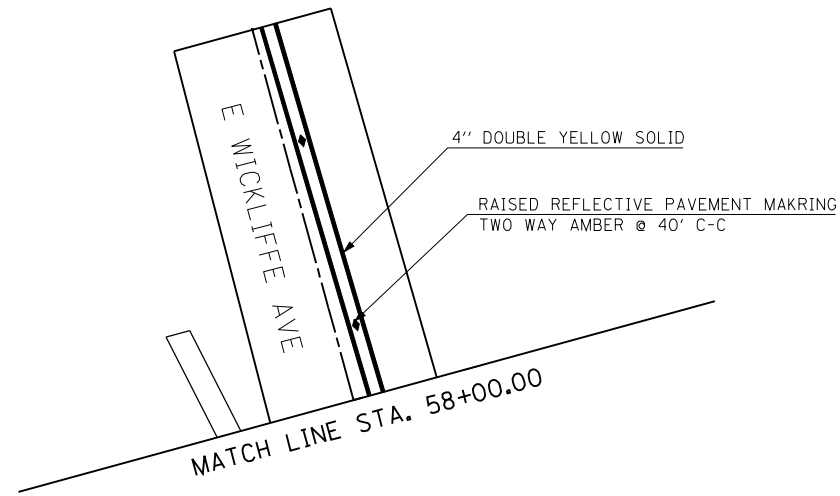


**NOTES:**

1. FOR ISLAND MARKINGS SEE DETAIL ON SHEET 289.
2. A FILE SHOWING ALL EXISTING SIGNS AND INSTRUCTIONS FOR TREATMENT WILL BE PROVIDED TO THE RESIDENT ENGINEER. SIGNS BEING REMOVED AND RELOCATED SHALL NOT BE PAID FOR SEPARATELY BUT IN ACCORDANCE WITH SECTION 107.25 OF "THE STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION."
3. ALL SIGNS FROM BEGINNING OF PROJECT TO STA. 177+57 SHALL BE MOUNTED ON DECORATIVE SIGN POSTS AS SHOWN IN DETAIL ON SHEET 369. ALL OTHER SIGNS SHALL BE MOUNTED ON TELESCOPING STEEL SIGN SUPPORTS UNLESS OTHERWISE NOTED.
4. STREET SIGNS SHALL BE GREEN AND WHITE AND AS SHOWN IN DETAIL ON SHEET 369.

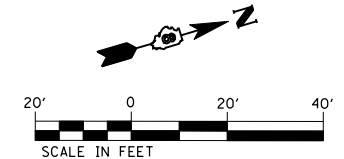


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		DRAWN -	REVISED -			SCALE: 1" = 20'	SHEET NO. 15 OF 18 SHEETS	STA. 235+00	TO STA. 239+29.51	CONTRACT NO. 76B85		
		CHECKED -	REVISED -			ILLINOIS FED. AID PROJECT						
		DATE -01/25/2013	REVISED -									



**NOTES:**

1. FOR ISLAND MARKINGS SEE DETAIL ON SHEET 289.
2. A FILE SHOWING ALL EXISTING SIGNS AND INSTRUCTIONS FOR TREATMENT WILL BE PROVIDED TO THE RESIDENT ENGINEER. SIGNS BEING REMOVED AND RELOCATED SHALL NOT BE PAID FOR SEPARATELY BUT IN ACCORDANCE WITH SECTION 107.25 OF "THE STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION."
3. ALL SIGNS FROM BEGINNING OF PROJECT TO STA. 177+57 SHALL BE MOUNTED ON DECORATIVE SIGN POSTS AS SHOWN IN DETAIL ON SHEET 369. ALL OTHER SIGNS SHALL BE MOUNTED ON TELESCOPING STEEL SIGN SUPPORTS UNLESS OTHERWISE NOTED.
4. STREET SIGNS SHALL BE GREEN AND WHITE AND AS SHOWN IN DETAIL ON SHEET 369.



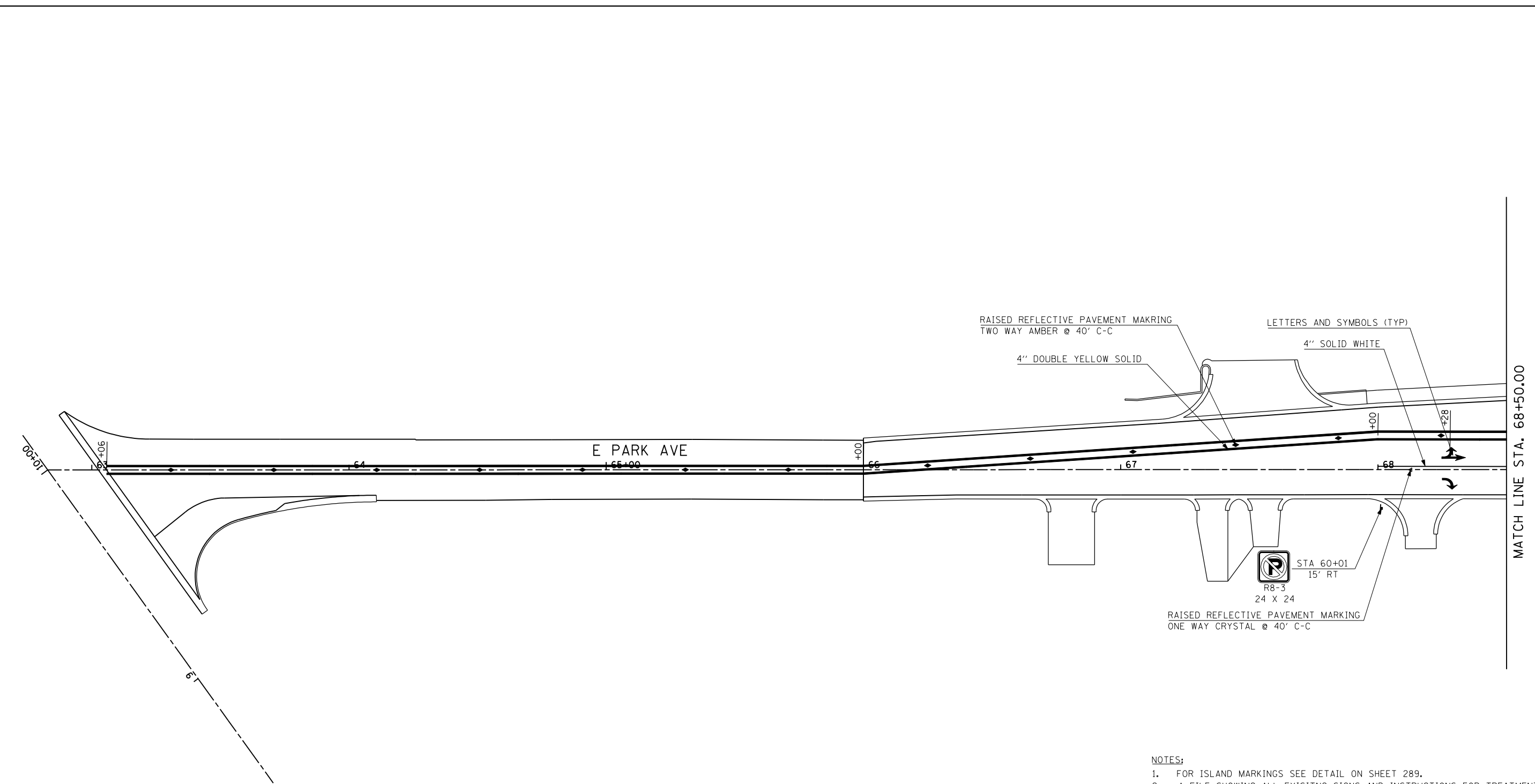
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	PLOT DATE = 3/5/2013	DATE -01/25/2013	REVISED -

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**PAVEMENT MARKING AND SIGNING PLAN**

SCALE: 1" = 20' SHEET NO. 16 OF 18 SHEETS STA. TO STA.

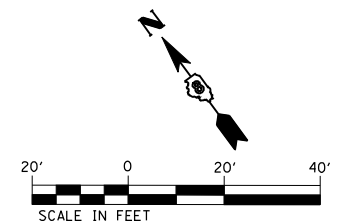
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
600	60-(30.31.128)-3	MADISON	529	287
CONTRACT NO. 76B85				
ILLINOIS FED. AID PROJECT				



MATCH LINE STA. 68+50.00

**NOTES:**

1. FOR ISLAND MARKINGS SEE DETAIL ON SHEET 289.
2. A FILE SHOWING ALL EXISTING SIGNS AND INSTRUCTIONS FOR TREATMENT WILL BE PROVIDED TO THE RESIDENT ENGINEER. SIGNS BEING REMOVED AND RELOCATED SHALL NOT BE PAID FOR SEPARATELY BUT IN ACCORDANCE WITH SECTION 107.25 OF "THE STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION."
3. ALL SIGNS FROM BEGINNING OF PROJECT TO STA. 177+57 SHALL BE MOUNTED ON DECORATIVE SIGN POSTS AS SHOWN IN DETAIL ON SHEET 369. ALL OTHER SIGNS SHALL BE MOUNTED ON TELESCOPING STEEL SIGN SUPPORTS UNLESS OTHERWISE NOTED.
4. STREET SIGNS SHALL BE GREEN AND WHITE AND AS SHOWN IN DETAIL ON SHEET 369.



FILE NAME =	USER NAME = default	DESIGNED -	REVISED -
P:\08-0024 Volkert-IL Rte 159 PTB 136-02	\\10.CAD\CADD Sheets\D876885-sht\pmk-sign.dwg	DRAWN -	REVISED -
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	PLOT DATE = 3/5/2013	DATE -01/25/2013	REVISED -

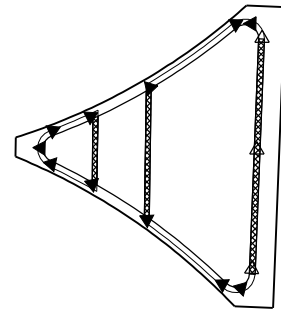
**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**PAVEMENT MARKING AND SIGNING PLAN**

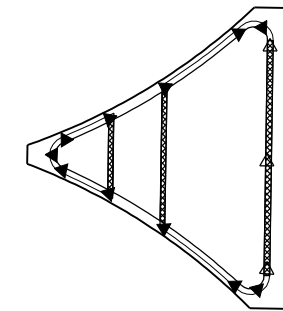
SCALE: 1" = 20'    SHEET NO. 17 OF 18 SHEETS    STA.    TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
600	60-(30.31.128)-3	MADISON	529	288
CONTRACT NO. 76885				
ILLINOIS FED. AID PROJECT				

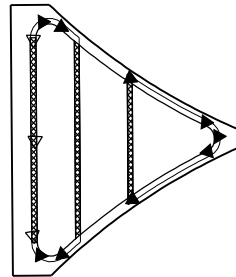




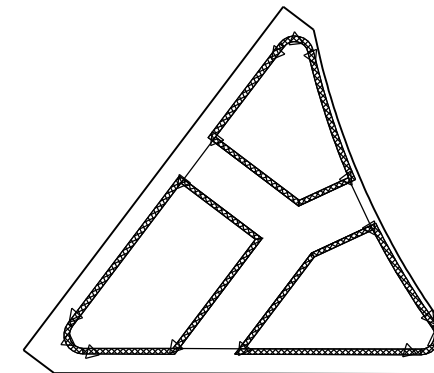
JOHNSON STREET  
WEST ISLAND DETAIL



MADISON AVENUE  
ISLAND DETAIL




JOHNSON STREET  
EAST ISLAND DETAIL



SPRING STREET  
ISLAND DETAIL

NOTES:

1. PRISMATIC REFLECTORS SHALL BE MONO-DIRECTIONAL AND POSITIONED SO THAT THE REFLECTIVE FACE IS FACING THE APPROACHING TRAFFIC.
2. PRISMATIC REFLECTORS SHALL BE SECURED IN PLACE WITH AN EPOXY ADHESIVE.
3. PRISMATIC REFLECTORS SHALL BE CRYSTAL OR AMBER IN COLOR.
4. CURB FACE AND TOP SHALL BE PAINTED IN ACCORDANCE WITH SECTION 780.06 OF THE "STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION." ALL CURBS SHALL BE PAINTED YELLOW UNLESS NOTED.  
 WHITE CURB FACE AND TOPS
5. SEE PAVEMENT MARKING PLANS FOR PAVEMENT MARKINGS IN THE VICINITY OF THE ISLANDS.
6. MINIMUM OF THREE PRISMATIC REFLECTORS PER SIDE.

- ▷ ONE-WAY CRYSTAL PRISMATIC CURB REFLECTOR
- ▶ ONE-WAY AMBER PRISMATIC CURB REFLECTOR

FILE NAME =	USER NAME = default	DESIGNED -	REVISED -
P:\08-0024 Volkert-IL Rte 159 PTB 136-02	\\10.CAD\CADD Sheets\D876885-sht-pmk-sign.dwg	DRAWN -	REVISED -
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	PLOT DATE = 3/5/2013	DATE -01/25/2013	REVISED -

**STATE OF ILLINOIS**  
**DEPARTMENT OF TRANSPORTATION**

**PAVEMENT MARKING AND SIGNING PLAN**

SCALE: 1" = 10' SHEET NO. 18 OF 18 SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
600	60-(30.31.128)-3	MADISON	529	289
ILLINOIS FED. AID PROJECT			CONTRACT NO. 76B85	

ILLINOIS DEPARTMENT OF TRANSPORTATION			TOTAL QUANTITIES	E. WICKLIFFE	PARK/SPRING	INTERCONNECT	PED. CROSSING
CODE NO	ITEM	UNIT					
72000100	SIGN PANEL - TYPE 1	SQ FT	38	28	10		
72000200	SIGN PANEL - TYPE 2	SQ FT	30		30		
80300100	LOCATING UNDERGROUND CABLE	FOOT	200	100	100		
80500100	SERVICE INSTALLATION, TYPE A	EACH	2	1	1		
81028320	UNDERGROUND CONDUIT, PVC, 1" DIA.	FOOT	326	175	151		
81028340	UNDERGROUND CONDUIT, PVC, 1 1/2" DIA.	FOOT	1045	532	513		
81028350	UNDERGROUND CONDUIT, PVC, 2" DIA.	FOOT	201	34	167		
81028360	UNDERGROUND CONDUIT, PVC, 2 1/2" DIA.,	FOOT	402	183	219		
81028370	UNDERGROUND CONDUIT, PVC, 3" DIA.	FOOT	236	110	126		
81301300	JUNCTION BOX, STAINLESS STEEL, EMBEDDED IN STRUCTURE, 12" X 12" X 8"	EACH	2	1	1		
81400700	HANDHOLE, PORTLAND CEMENT CONCRETE	EACH	12	5	7		
81400720	DOUBLE HANDHOLE, PORTLAND CEMENT CONCRETE	EACH	2	1	1		
84500120	REMOVAL OF ELECTRIC SERVICE INSTALLATION	EACH	2	1		1	
85700200	FULL-ACTUATED CONTROLLER AND TYPE IV CABINET	EACH	2	1	1		
87301215	ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 2C	FOOT	2349	1039	1310		
87301225	ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 3C	FOOT	2449	1079	1370		
87301245	ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 5C	FOOT	4426	1876	2550		
87301255	ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 7C	FOOT	3170	1570	1600		
87301305	ELECTRIC CABLE IN CONDUIT, LEAD-IN, NO. 14 1 PAIR	FOOT	5850	2670	3180		
87301805	ELECTRIC CABLE IN CONDUIT, SERVICE, NO. 6 2 C	FOOT	42	20	22		

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	PLOT DATE = 3/7/2013	DATE -	REVISED -

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**SCHEDULE OF QUANTITIES  
TRAFFIC SIGNALS-1 OF 3**

SCALE: SHEET NO. 1 OF 12 SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
600	60-(30,31,128)-3	MADISON	529	290
CONTRACT NO. 76B85			ILLINOIS FED. AID PROJECT	

ILLINOIS DEPARTMENT OF TRANSPORTATION			TOTAL QUANTITIES	E. WICKLIFFE	PARK/SPRING	INTERCONNECT	PED. CROSSING
CODE NO	ITEM	UNIT					
87502680	TRAFFIC SIGNAL POST, ALUMINUM 14 FT.	EACH	2		2		
87700150	STEEL MAST ARM ASSEMBLY AND POLE, 22 FT.	EACH	1		1		
87700270	STEEL MAST ARM ASSEMBLY AND POLE, 46 FT.	EACH	1	1			
87700280	STEEL MAST ARM ASSEMBLY AND POLE, 48 FT.	EACH	2	2			
87700300	STEEL MAST ARM ASSEMBLY AND POLE, 52 FT.	EACH	3	1	2		
87700320	STEEL MAST ARM ASSEMBLY AND POLE, 55 FT.	EACH	1		1		
87800100	CONCRETE FOUNDATION, TYPE A	FOOT	6		6		
87800200	CONCRETE FOUNDATION, TYPE D	FOOT	7	3.5	3.5		
87800400	CONCRETE FOUNDATION, TYPE E 30-INCH DIAMETER	FOOT	13.5		13.5		
87800415	CONCRETE FOUNDATION, TYPE E 36-INCH DIAMETER	FOOT	99	66	33		
87800420	CONCRETE FOUNDATION, TYPE E 42-INCH DIAMETER	FOOT	18.5		18.5		
88040090	SIGNAL HEAD, POLYCARBONATE, LED, 1-FACE, 3-SECTION, MAST ARM MOUNTED	EACH	12	6	6		
88040120	SIGNAL HEAD, POLYCARBONATE, LED, 1-FACE, 4-SECTION, MAST ARM MOUNTED	EACH	4	2	2		
88040150	SIGNAL HEAD, POLYCARBONATE, LED, 1-FACE, 5-SECTION, BRACKET MOUNTED	EACH	1		1		
88040160	SIGNAL HEAD, POLYCARBONATE, LED, 1-FACE, 5-SECTION, MAST ARM MOUNTED	EACH	4	2	2		
88040230	SIGNAL HEAD, POLYCARBONATE, LED, 2-FACE, 3-SECTION, BRACKET MOUNTED	EACH	1		1		
88040250	SIGNAL HEAD, POLYCARBONATE, LED, 2-FACE, 1-3 SECTION, 1-4 SECTION, BRACKET MOUNTED	EACH	4	2	2		
88040260	SIGNAL HEAD, POLYCARBONATE, LED, 2-FACE, 1-3-SECTION, 1-5-SECTION, BRACKET MOUNTED	EACH	3	2	1		
88102810	PEDESTRIAN SIGNAL HEAD, POLYCARBONATE, LED, 1-FACE, BRACKET MOUNTED	EACH	6	2	4		
88102830	PEDESTRIAN SIGNAL HEAD, POLYCARBONATE, LED, 2-FACE, BRACKET MOUNTED	EACH	3	2	1		
88200300	TRAFFIC SIGNAL BACKPLATE, PLASTIC	EACH	20	10	10		
88500100	INDUCTIVE LOOP DETECTOR	EACH	28	14	14		
88600100	DETECTOR LOOP, TYPE I	FOOT	3966	1970	1996		
88800100	PEDESTRIAN PUSH-BUTTON	EACH	12	6	6		

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	PLOT DATE = 2/11/2013	DATE -	REVISED -

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**SCHEDULE OF QUANTITIES  
TRAFFIC SIGNALS-2 OF 3**

SCALE: SHEET NO. 2 OF 12 SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
600	60-(30,31,128)-3	MADISON	529	291
CONTRACT NO. 76B85			ILLINOIS FED. AID PROJECT	

ILLINOIS DEPARTMENT OF TRANSPORTATION			TOTAL QUANTITIES	E. WICKLIFFE	PARK/SPRING	INTERCONNECT	PED. CROSSING
SCHEDULE OF QUANTITIES							
CODE NO	ITEM	UNIT					
89502375	REMOVE EXISTING TRAFFIC SIGNAL EQUIPMENT	EACH	2	1			1
89502380	REMOVE EXISTING HANDHOLE	EACH	3	3			
89502382	REMOVE EXISTING DOUBLE HANDHOLE	EACH	1	1			
89502385	REMOVE EXISTING CONCRETE FOUNDATION	EACH	7	5			2
87301900	ELECTRIC CABLE IN CONDUIT, EQUIPMENT GROUNDING CONDUCTOR, NO. 6 1C	FOOT	2111	958	1153		
89000100	TEMPORARY TRAFFIC SIGNAL INSTALLATION	EACH	1	1			

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	PLOT DATE = 2/11/2013	DATE -	REVISED -

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**SCHEDULE OF QUANTITIES  
TRAFFIC SIGNAL-3 OF 3**

SCALE: SHEET NO. 3 OF 12 SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
600	60-(30,31,128)-3	MADISON	529	292
CONTRACT NO. 76B85			ILLINOIS FED. AID PROJECT	

**ELECTRICAL GENERAL NOTES**

- ALL VEHICLE AND PEDESTRIAN SIGNAL HEADS SHALL HAVE 12" SECTIONS. MOUNTING HARDWARE SHALL BE UNPAINTED ALUMINUM. ALL BOLTS, SCREWS, NUTS AND WASHERS SHALL BE STAINLESS STEEL. ANTI -SEIZE PASTE COMPOUND SHALL BE USED ON ALL MOUNTING HARDWARE FIELD CONNECTIONS.
- BACK PLATES SHALL BE ABS PLASTIC.
- THE LOCATION OF MAST ARM SUPPORTS SHALL BE APPROVED BY THE ENGINEER BEFORE FOUNDATIONS ARE CONSTRUCTED. MAST ARM POLES SHALL BE LOCATED A MINIMUM OF 10 FEET FROM THE EDGE OF PAVEMENT OR 2 FEET FROM THE EDGE OF SHOULDER, WHICHEVER DISTANCE IS GREATER. IN CURBED SECTIONS, THE MAST ARM POLES SHALL BE LOCATED A MINIMUM OF 5 FEET FROM THE FACE OF THE CURB. THESE DISTANCES ARE TO THE NEAR FACE OF THE MAST ARM POLE.
- ALL TRAFFIC SIGNAL CABLES SHALL BE #14 A.W.G. STRANDED COPPER UNLESS OTHERWISE SPECIFIED. TERMINAL ENDS SHALL HAVE CRIMPED- ON RING TONGUE CONNECTORS.
- THE LOCATION OF ALL DETECTOR LOOPS SHALL BE APPROVED BY THE ENGINEER BEFORE ANY SLOTS ARE SAWED IN THE PAVEMENT.
- DETECTOR LOOP LEAD-IN SPLICES SHALL BE MADE IN A HANDHOLE PER SECTION 873 OF THE STANDARD SPECIFICATIONS. CONDUCTORS SHALL BE SPLICED IN A RIGID MOLD FILLED WITH NON -HARDENING EPOXY FILLER. ROSIN-CORE SOLDER SHALL BE USED.
- CALL DELAY SHALL NOT FUNCTION WHEN THE RELATED PHASES ARE IN THE GREEN MODE.
- CALL CARRYOVER SHALL FUNCTION ONLY WHEN THE RELATED PHASES ARE IN THE GREEN MODE.
- ALL INDUCTIVE LOOP DETECTORS SUPPLIED FOR THIS PROJECT SHALL HAVE THE CAPACITY OF OPERATING WITH BOTH DELAY AND EXTENSION MODES ACTIVE, IF A TIME SETTING IS PROGRAMMED. THEY SHALL BE RACK MOUNTED.
- ALL HANDHOLES SHALL BE CAST-IN-PLACE PORTLAND CEMENT CONCRETE (PER ARTICLE 814.03(a)). THE CAST IN PLACE LEGEND IN THE COVER SHALL BE "TRAFFIC SIGNALS".
- ACTUAL DEPTHS OF THE CONCRETE FOUNDATIONS FOR THE MAST ARM SUPPORT POLES ARE AS FOLLOWS:

**E. WICKLIFFE AVE.**

NE CORNER, 48' M.A.: 15'-0" DEEP, 36" DIA.  
 NW CORNER, 46' M.A.: 13'-0" DEEP, 36" DIA.  
 SE CORNER, 52' M.A.: 20'-0" DEEP, 36" DIA.  
 SW CORNER, 48' M.A.: 18'-0" DEEP, 36" DIA.

**E. PARK AVE./SPRING ST.**

NE CORNER, 55' M.A.: 18'-6" DEEP, 42" DIA.  
 NW CORNER, 52' M.A.: 18'-0" DEEP, 36" DIA.  
 SE CORNER, 22' M.A.: 13'-6" DEEP, 30" DIA.  
 SW CORNER, 52' M.A.: 15'-0" DEEP, 36" DIA.

THESE DEPTHS HAVE BEEN DETERMINED BY THE DEPARTMENT FROM THE SOIL BORING DATA.

- CENTER TO CENTER DISTANCE BETWEEN THE CONDUITS, WHERE TWO OR MORE LOOP LEAD -IN CONDUITS ARE INSTALLED FROM THE EDGE OF THE PAVEMENT TO THE NEAREST HANDHOLE, SHALL BE SIX INCHES MINIMUM AT THE EDGE OF PAVEMENT.
- ABANDON EXISTING CONDUIT AND CABLES IN PLACE.
- THE BOTTOM OF THE HOUSING OF A SIGNAL HEAD SHALL BE AT LEAST 8' ABOVE THE SIDEWALK.
- ANCHOR BOLTS, NUTS, AND WASHERS REQUIRED WITH TYPE D FOUNDATION SHALL BE INCLUDED IN THE PAY ITEM, "FULL -ACTUATED CONTROLLER AND TYPE IV CABINET".
- THE CONTRACTOR SHALL INSTALL FOUR (4) GROUND RODS (3/4" X 12') AND #6 A.W.G. BARE COPPER GROUND CONDUCTOR IN THE CONTROLLER FOUNDATION AS PER SPECIAL PROVISION, "CONCRETE FOUNDATION TYPE D".
- AN UNDERGROUND CABLE MARKING TAPE SHALL BE INSTALLED WITH ALL TRENCH AND BACK FILL FOR ELECTRICAL WORK IN ACCORDANCE WITH THE ARTICLES 810.04 (a) AND 1066.05 OF THE STANDARD SPECIFICATIONS.
- ALL DETECTOR LOOPS SHALL BE INSTALLED IN THE BINDER COURSE.
- GROUNDING CONDUCTOR SHALL BE TYPE XLP, NO.6 A.W.G., STRANDED COPPER, GREEN COLOR CODED AND IN ACCORDANCE WITH STANDARD 873001 AND SECTION 873 OF THE STANDARD SPECIFICATIONS.
- THE DESIRABLE LATERAL DISTANCE BETWEEN WATER MAIN, FIRE HYDRANT ETC. WITH ELECTRICAL UNDERGROUND CONDUITS SHALL BE MINIMUM EIGHTEEN (18") INCHES FACE TO FACE .
- PROPOSED CONTROLLER EQUIPMENT SHALL BE COMPATIBLE WITH EXISTING DISTRICT ECONOLITE TRAFFIC SIGNAL EQUIPMENT MONITORING EQUIPMENT AND SOFTWARE.

**REMOVE EXISTING TRAFFIC SIGNAL EQUIPMENT**

**MID BLOCK CROSSING:**

- STA. 168+98, 30.6' LT.:**  
 1. 24' MAST ARM ASSEMBLY AND POLE  
 2. 1 FACE, 3 SECTION, SIGNAL FACE, MAST ARM MOUNTED  
 3. 1 FACE, 3 SECTION, SIGNAL FACE, BRACKET MOUNTED  
 4. 1 FACE, 2 SECTION, PEDESTRIAN SIGNAL FACE, BRACKET MOUNTED
- STA. 169+25, 19.0' RT.:**  
 1. 24' MAST ARM ASSEMBLY AND POLE  
 2. 1 FACE, 3 SECTION, SIGNAL FACE, MAST ARM MOUNTED  
 3. 1 FACE, 3 SECTION, SIGNAL FACE, BRACKET MOUNTED  
 4. 1 FACE, 2 SECTION, PEDESTRIAN SIGNAL FACE, BRACKET MOUNTED  
 5. CONTROLLER, TYPE 3

**IL RTE. 159 AND E. MAIN ST**

- SW CORNER**  
 1. FULL ACTUATED CONTROLLER (ASC 8000) & TYPE IV CABINET  
 A. CONFLICT MONITOR  
 B. INDUCTIVE LOOP DETECTORS, 2-CHANNELS- 4 EACH.

- STA. 176+85, 59' LT.:**  
 1. 30' MAST ARM ASSEMBLY AND POLE  
 2. 1 FACE, 3 SECTION, SIGNAL FACE, MAST ARM MOUNTED  
 3. 1 FACE, 5 SECTION, SIGNAL FACE, MAST ARM MOUNTED  
 4. 1 FACE, 4 SECTION, SIGNAL FACE, BRACKET MOUNTED  
 5. 2 FACE, 2 SECTION, PEDESTRIAN SIGNAL FACE, BRACKET MOUNTED  
 6. 2-PEDESTRIAN PUSH BUTTONS  
 7. SIGN PANEL-TYPE 1 (3 EA.)& 2 (1 EA.)

- STA. 177+44, 60' LT.:**  
 1. 22' MAST ARM ASSEMBLY AND POLE  
 2. 1 FACE, 3 SECTION, SIGNAL FACE, MAST ARM MOUNTED  
 3. 1 FACE, 4 SECTION, SIGNAL FACE, MAST ARM MOUNTED  
 4. 1 FACE, 5 SECTION, SIGNAL FACE, BRACKET MOUNTED  
 5. 2 FACE, 2 SECTION, PEDESTRIAN SIGNAL FACE, BRACKET MOUNTED  
 6. 2-PEDESTRIAN PUSH BUTTONS  
 7. SIGN PANEL-TYPE 1 (2 EA.)

- STA. 177+40, 18' RT.:**  
 1. 34' MAST ARM ASSEMBLY AND POLE  
 2. 1 FACE, 3 SECTION, SIGNAL FACE, MAST ARM MOUNTED  
 3. 1 FACE, 5 SECTION, SIGNAL FACE, MAST ARM MOUNTED  
 4. 1 FACE, 4 SECTION, SIGNAL FACE, BRACKET MOUNTED  
 5. 2 FACE, 2 SECTION, PEDESTRIAN SIGNAL FACE, BRACKET MOUNTED  
 6. 2-PEDESTRIAN PUSH BUTTONS  
 7. SIGN PANEL-TYPE 1 (3 EA.) AND 2 (1 EA.)

- STA. 176+65, 13' RT.:**  
 1. 40' MAST ARM ASSEMBLY AND POLE  
 2. 1 FACE, 3 SECTION, SIGNAL FACE, MAST ARM MOUNTED  
 3. 1 FACE, 4 SECTION, SIGNAL FACE, MAST ARM MOUNTED  
 4. 1 FACE, 5 SECTION, SIGNAL FACE, BRACKET MOUNTED  
 5. 2 FACE, 2 SECTION, PEDESTRIAN SIGNAL FACE, BRACKET MOUNTED  
 6. 2-PEDESTRIAN PUSH BUTTONS  
 7. SIGN PANEL-TYPE 1 (2 EA.)

**REMOVE EXISTING CONCRETE FOUNDATION**

**MIDBLOCK CROSSING:**

- STA. 168+98, 30.6' LT.:**  
 1. TYPE E, 24"DIA.  
**STA. 169+25, 19.0' RT.:**  
 1. TYPE E, 24"DIA.

**IL RTE 159 @ E WICKLIFFE AVE.**

- STA. 176+85, 59' LT.:**  
 1. TYPE E, 30"DIA.  
**STA. 177+44, 60' LT.:**  
 1. TYPE E, 30"DIA.  
**STA. 177+40, 18' RT.:**  
 1. TYPE E, 30"DIA.  
**STA. 176+65, 13' RT.:**  
 1. TYPE E, 30"DIA.  
**SW CORNER:**  
 1. TYPE D

**REMOVE EXISTING HANDHOLE**

- @ E WICKLIFFE AVE.:**  
 1. STA. 176+79, 18' RT.  
 2. STA. 177+24, 34' RT.  
 3. STA. 177+48, 41' LT.

**REMOVE EXISTING DOUBLE HANDHOLE**

- @ E WICKLIFFE AVE.:**  
 1. STA. 176+89, 57' LT.

**TRAFFIC SIGNALS LEGEND**

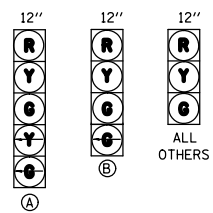
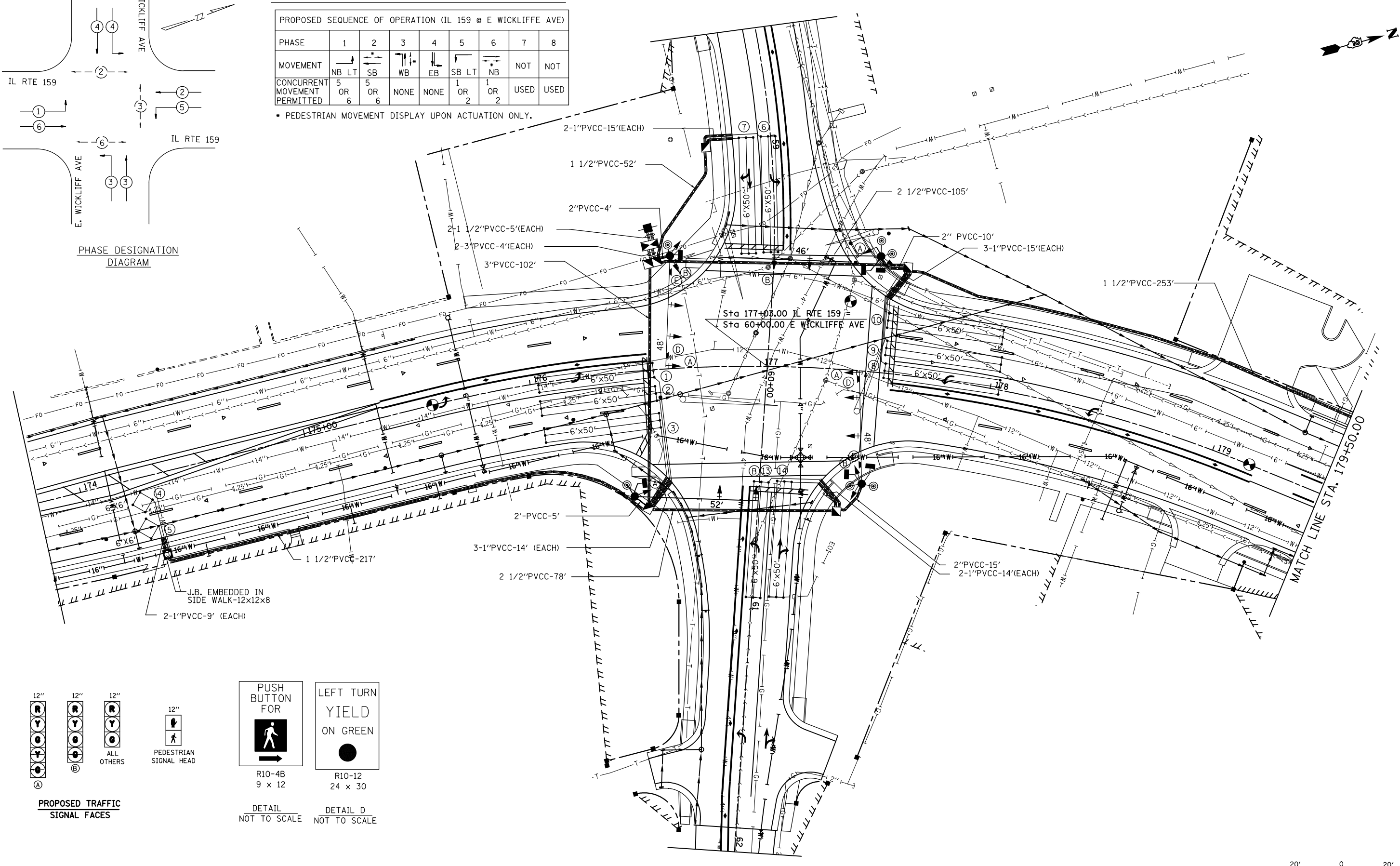
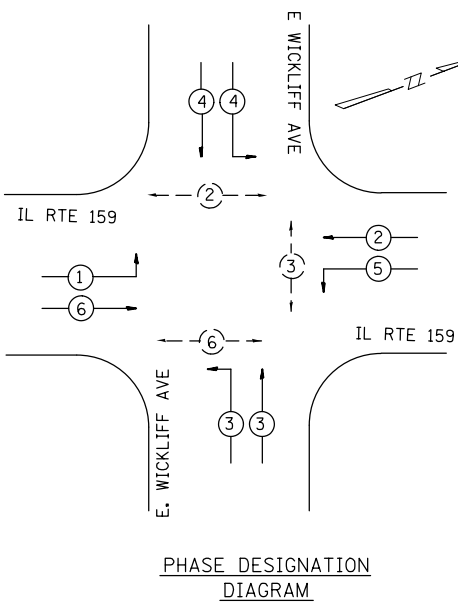
- PVCC POLYVINYL CHLORIDE CONDUIT
- EXISTING SIGNAL POST
- EXISTING SIGNAL POST WITH BACK PLATE
- EXISTING TRAFFIC SIGNAL MAST ARM
- EXISTING HANDHOLE
- EXISTING DOUBLE HANDHOLE
- EXISTING DETECTOR LOOP
- EXISTING CONTROLLER
- EXISTING STREET NAME SIGN/TRAFFIC SIGN
- EXISTING SERVICE INSTALLATION
- EXISTING SIGNAL HEAD, PEDESTRIAN
- EXISTING PEDESTRIAN PUSH BUTTON DETECTOR
- EXISTING UNDER GROUND CONDUIT
- PROPOSED HANDHOLE
- PROPOSED DOUBLE HANDHOLE
- PROPOSED DETECTOR LOOP
- PROPOSED CONTROLLER
- PROPOSED PEDESTRIAN PUSH BUTTON DETECTOR
- PROPOSED SIGNAL HEAD, PEDESTRIAN
- PROPOSED CONDUIT: "T" TRENCH, "P" PUSH, SIZE SPECIFIED
- PROPOSED STREET NAME SIGN/TRAFFIC SIGN
- PROPOSED SERVICE INSTALLATION
- PROPOSED SIGNAL POST
- PROPOSED SIGNAL HEAD W/O BACK PLATE
- PROPOSED SIGNAL HEAD W/ WITH BACK PLATE
- PROPOSED JUNCTION BOX, TRAFFIC SIGNAL

FILE NAME =	USER NAME = prestonme	DESIGNED -	REVISED -	<b>STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION</b>	<b>TRAFFIC SIGNALS - GENERAL NOTES &amp; LEGENDS</b>			F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	
et:\pw\work\p\dot\prestonme\d0138454\0876885-sh1-ts.dgn		DRAWN -	REVISED -		600	60-(30,31,128)-3	MADISON	529	293	<b>CONTRACT NO. 76885</b>			
	PLOT SCALE = 40.0000' / in.	CHECKED -	REVISED -		SCALE: 1" = 20'	SHEET NO. 4 OF 12 SHEETS	STA.	TO STA.	ILLINOIS FED. AID PROJECT				
	PLOT DATE = 2/11/2013	DATE -	REVISED -										

FULL-ACTUATED CONTROLLER AND TYPE IV CABINET W/TRANSCIEVER

PROPOSED SEQUENCE OF OPERATION (IL 159 @ E WICKLIFFE AVE)								
PHASE	1	2	3	4	5	6	7	8
MOVEMENT	NB LT	SB	WB	EB	SB LT	NB	NOT	NOT
CONCURRENT MOVEMENT PERMITTED	5 OR 6	5 OR 6	NONE	NONE	1 OR 2	1 OR 2	USED	USED

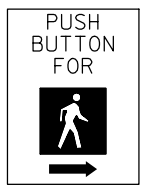
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PROPOSED TRAFFIC SIGNAL FACES

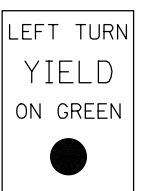


PEDESTRIAN SIGNAL HEAD



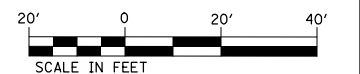
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9 x 12

DETAIL NOT TO SCALE



R10-12  
24 x 30

DETAIL D NOT TO SCALE



SCALE IN FEET

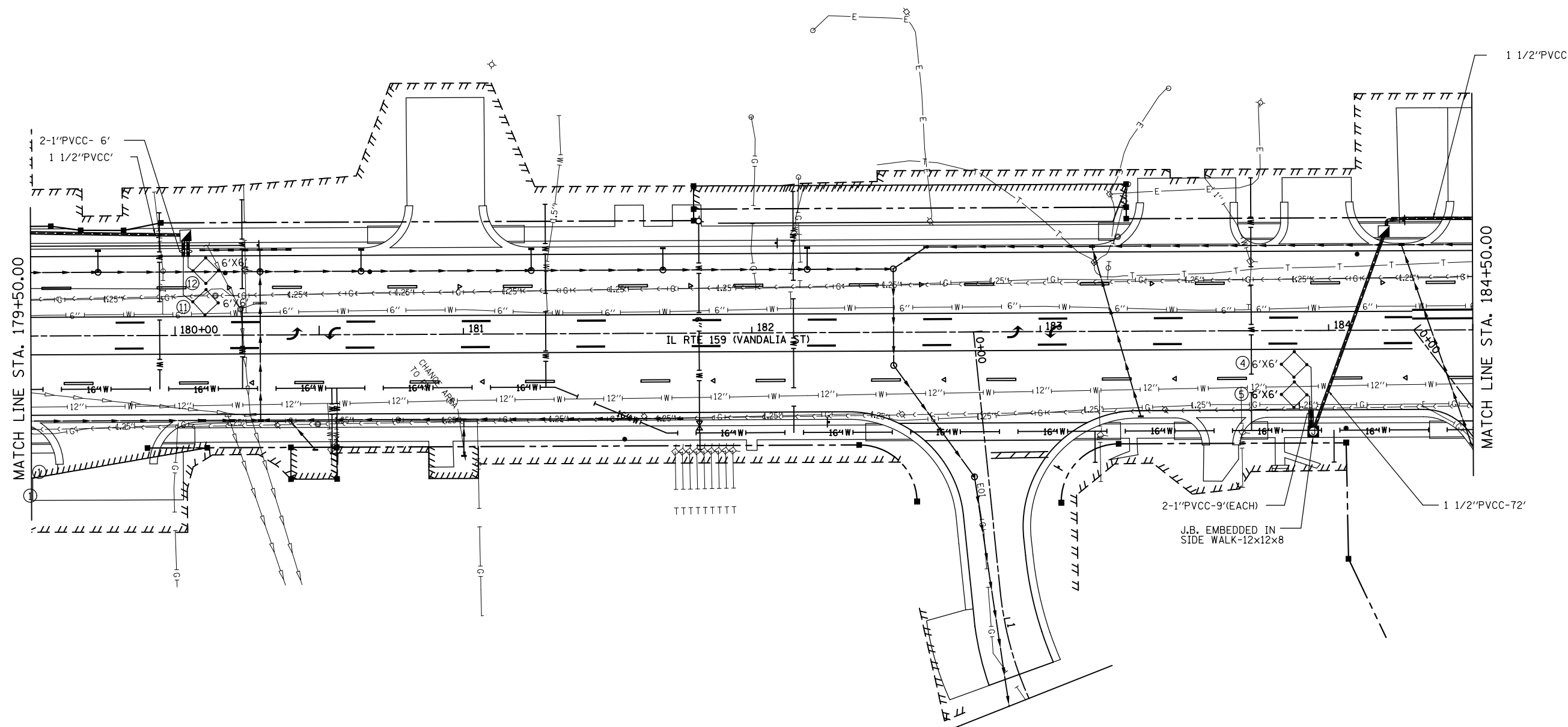
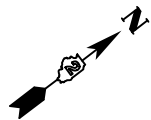
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		DATE -	REVISED -

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

TRAFFIC SIGNAL PLAN  
E. WICKLIFFE AVE.  
IL ROUTE 159

SCALE: 1" = 20' SHEET NO. 5 OF 12 SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
600	60-(30.31.128)-3	MADISON	529	294
CONTRACT NO. 76885				
ILLINOIS FED. AID PROJECT				



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	PLOT SCALE = 40.0000' / in.	CHECKED -	REVISED -
	PLOT DATE = 2/11/2013	DATE -	REVISED -

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**TRAFFIC SIGNAL PLAN  
BETWEEN E. WICKLIFFE AVE. AND E. PARK AVE/SPRING ST.  
IL ROUTE 159**

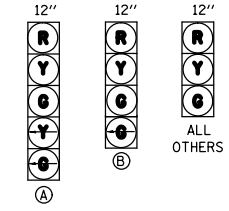
SCALE: 1" = 20'    SHEET NO. 6 OF 12 SHEETS    STA.    TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
600	60-(30,31,128)-3	MADISON	529	295
CONTRACT NO. 76885				
ILLINOIS FED. AID PROJECT				

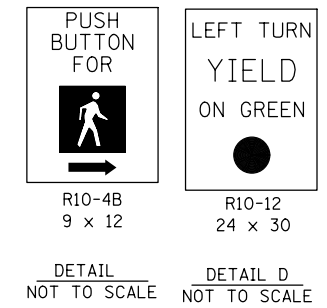
FULL-ACTUATED CONTROLLER AND TYPE IV CABINET W/TRANSCEIVER

PROPOSED SEQUENCE OF OPERATION (IL 159 @ PARK AVE)								
PHASE	1	2	3	4	5	6	7	8
MOVEMENT	NB LT	SB	WB	EB	SB LT	NB	NOT	NOT
CONCURRENT MOVEMENT PERMITTED	5 OR 6	5 OR 6	NONE	NONE	1 OR 2	1 OR 2	USED	USED

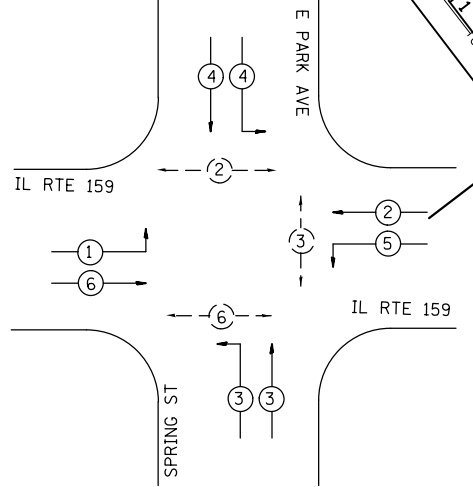
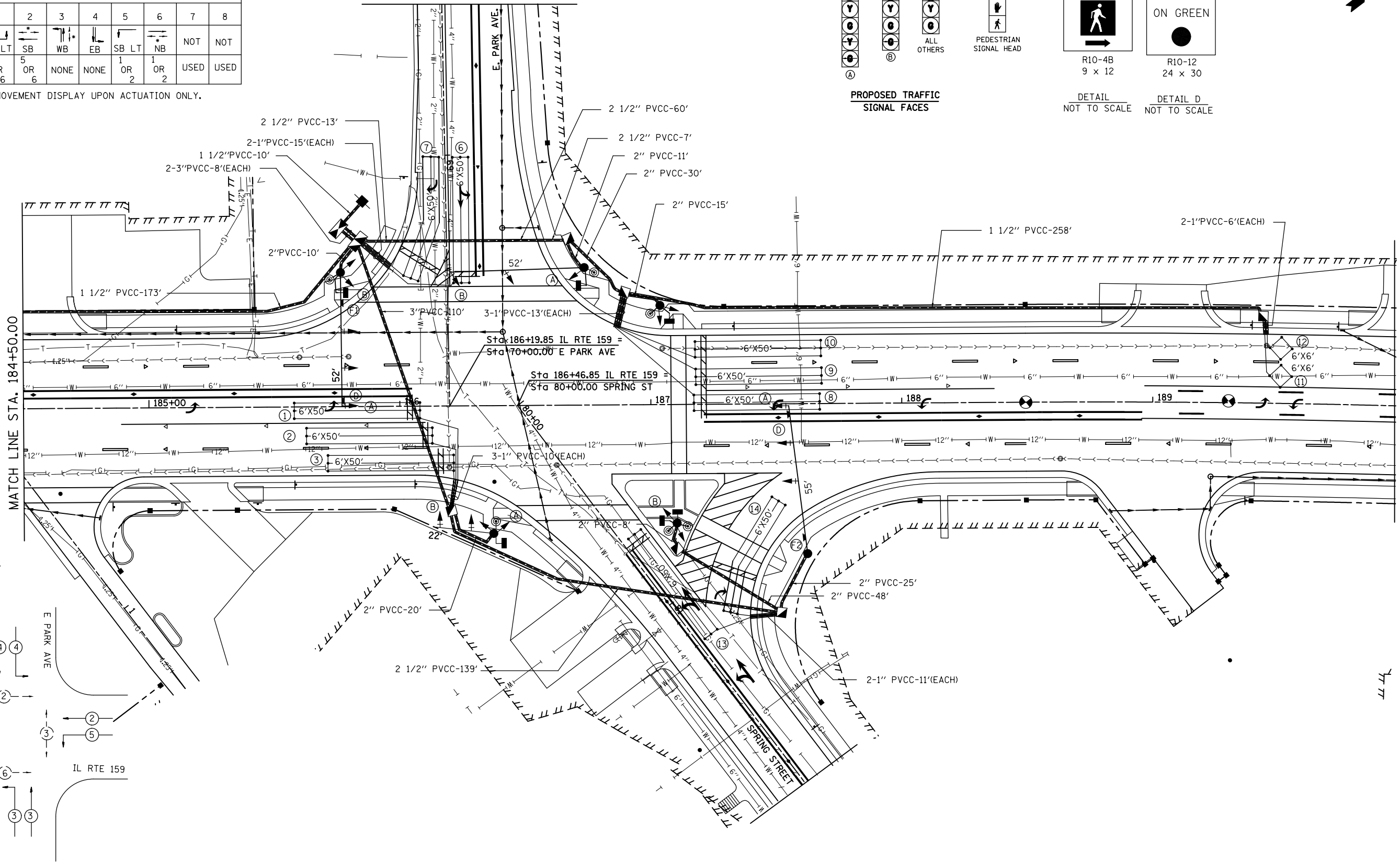
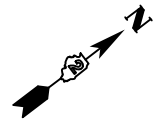
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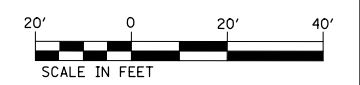
PROPOSED TRAFFIC SIGNAL FACES



DETAIL NOT TO SCALE  
DETAIL D NOT TO SCALE

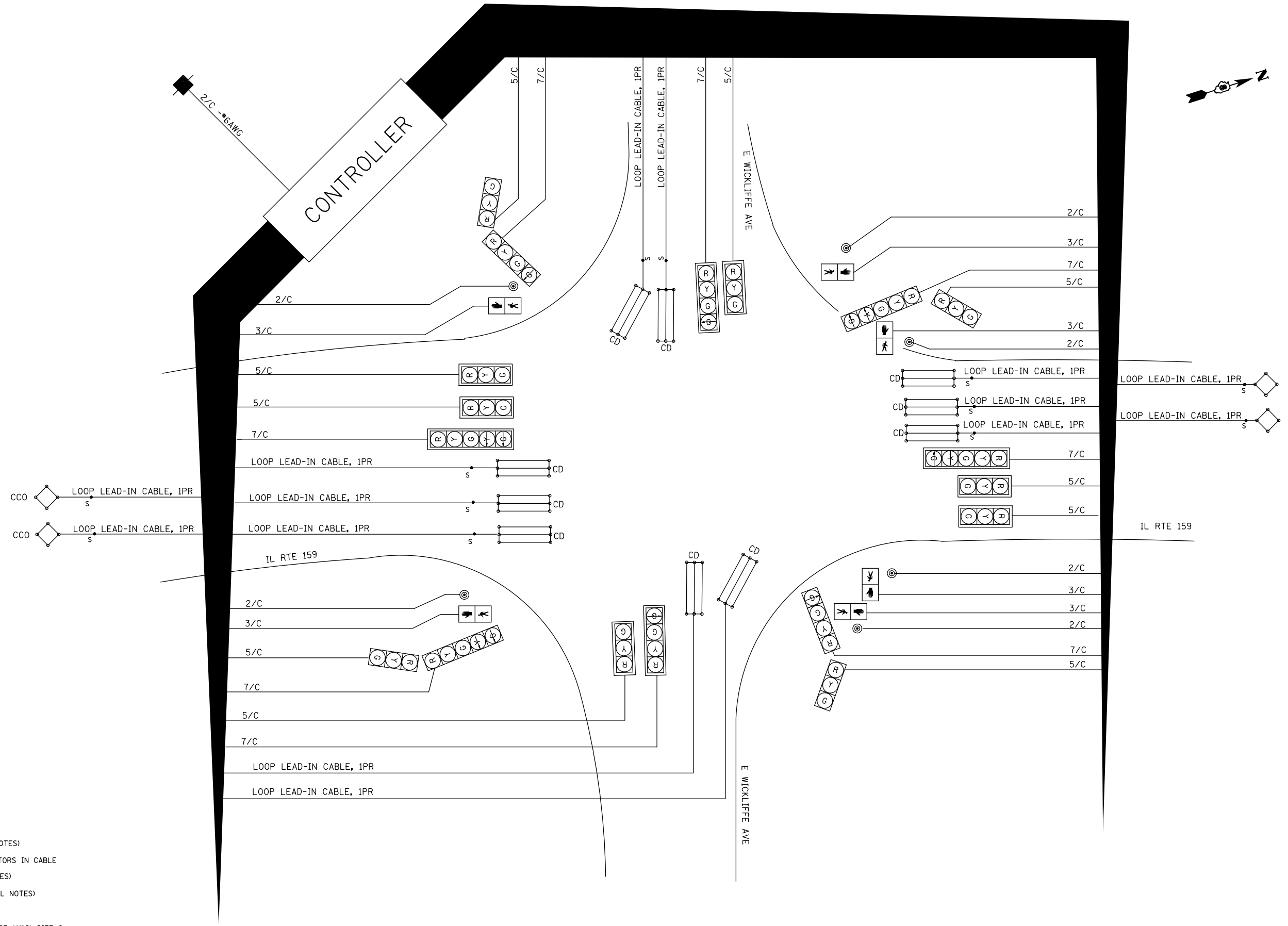


PHASE DESIGNATION DIAGRAM



FILE NAME =	USER NAME = prestonme	DESIGNED -	REVISED -	<b>STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION</b>	<b>TRAFFIC SIGNAL PLAN E. PARK AVE/SPRING ST. IL ROUTE 159</b>			F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
et:\pw\work\p\idot\prestonme\d0138454\0876885-sh1-ts.dgn		DRAWN -	REVISED -		600	60-(30,31,128)-3	MADISON	529	296	CONTRACT NO. 76885		
PLOT SCALE = 40.0000' / in.		CHECKED -	REVISED -		SCALE: 1" = 20'	SHEET NO. 7 OF 12 SHEETS	STA.	TO STA.	ILLINOIS FED. AID PROJECT			
PLOT DATE = 2/11/2013		DATE -	REVISED -									





**CABLE DIAGRAM LEGEND**

- ELECTRIC CABLE IN CONDUIT
- S CABLE SPLICE (SEE GENERAL NOTES)
- 2/C INDICATES NUMBER OF CONDUCTORS IN CABLE
- CD CALL DELAY (SEE GENERAL NOTES)
- CCO CALL CARRY OVER (SEE GENERAL NOTES)
- SERVICE INSTALLATION
- \*6 INDICATES AMERICAN WIRE GAUGE (AWG) SIZE 6 CONDUCTORS (SEE GENERAL NOTES)

FILE NAME =	USER NAME = prestonme	DESIGNED -	REVISED -
et:\pw\work\p\idot\prestonme\d0138454\0876885-sh1-ts.dgn		DRAWN -	REVISED -
	PLOT SCALE = 40.0000 ' / in.	CHECKED -	REVISED -
	PLOT DATE = 2/11/2013	DATE -	REVISED -

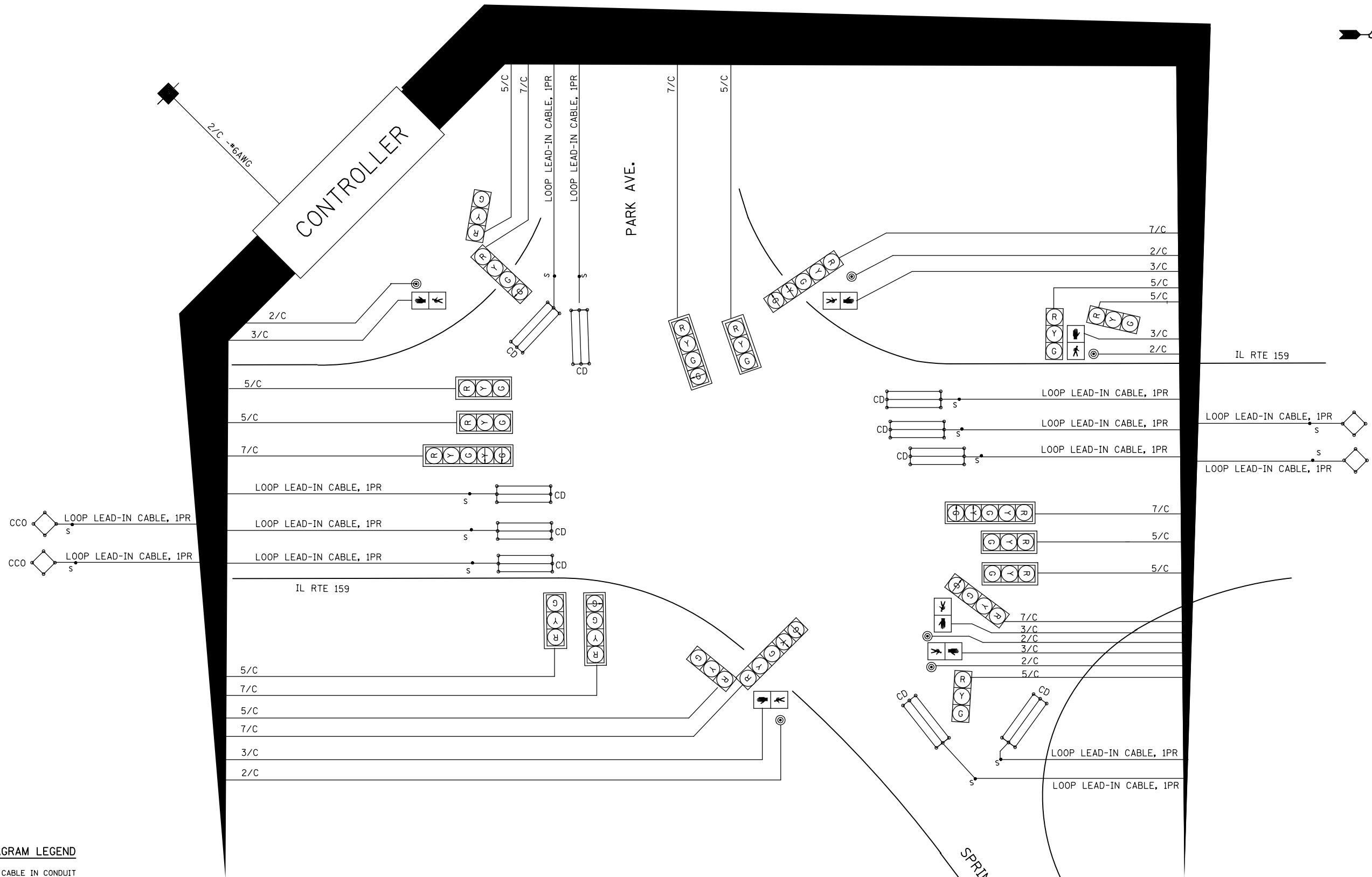
**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**TRAFFIC SIGNALS - CABLE DIAGRAM  
E. WICKLIFFE AVE.  
IL ROUTE 159**

SCALE: 1" = 20'    SHEET NO. 8 OF 12 SHEETS    STA.    TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
600	60-(30.31.128)-3	MADISON	529	297
CONTRACT NO. 76885				

ILLINOIS FED. AID PROJECT



**CABLE DIAGRAM LEGEND**

- ELECTRIC CABLE IN CONDUIT
- CABLE SPLICE (SEE GENERAL NOTES)
- 2/C INDICATES NUMBER OF CONDUCTORS IN CABLE
- CD CALL DELAY (SEE GENERAL NOTES)
- CCO CALL CARRY OVER (SEE GENERAL NOTES)
- SERVICE INSTALLATION
- \*6 INDICATES AMERICAN WIRE GAUGE (AWG) SIZE 6 CONDUCTORS (SEE GENERAL NOTES)

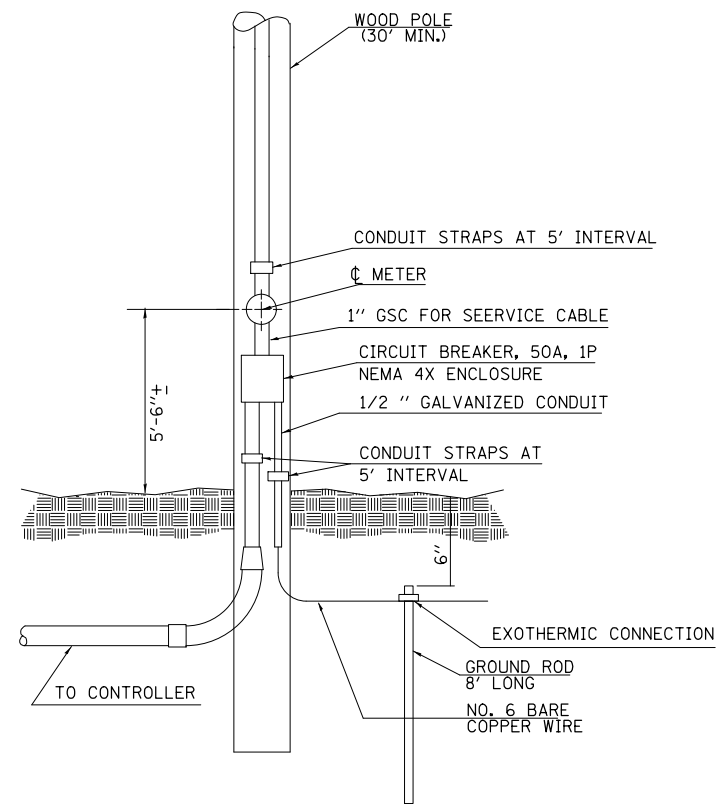
FILE NAME =	USER NAME = prestonme	DESIGNED -	REVISED -
et:\pw\work\p\idot\prestonme\d0138454\0876885-sh1-ts.dgn		DRAWN -	REVISED -
	PLOT SCALE = 40.0000' / in.	CHECKED -	REVISED -
	PLOT DATE = 2/11/2013	DATE -	REVISED -

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**TRAFFIC SIGNALS - CABLE DIAGRAM  
E. PARK AVE./SPRING ST.  
IL ROUTE 159**

SCALE: 1" = 20'    SHEET NO. 9 OF 12 SHEETS    STA.    TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
600	60-(30.31.128)-3	MADISON	529	298
CONTRACT NO. 76B85				
ILLINOIS FED. AID PROJECT				



DETAIL  
 SERVICE INSTALLATION  
 TYPE A  
 NOT TO SCALE

FILE NAME =	USER NAME = prestonme	DESIGNED -	REVISED -
et:\pw\work\p\dot\prestonme\d0138454\0876885-sh1-ts.dgn		DRAWN -	REVISED -
	PLOT SCALE = 40.0000' / in.	CHECKED -	REVISED -
	PLOT DATE = 2/11/2013	DATE -	REVISED -

STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION

TRAFFIC SIGNAL DETAILS			
IL ROUTE 159			
SCALE: 1" = 20'	SHEET NO. 10 OF 12 SHEETS	STA.	TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
600	60-(30.31.128)-3	MADISON	529	299
CONTRACT NO. 76885				
ILLINOIS FED. AID PROJECT				

DETECTOR LOOP REQUIREMENTS AND CALCULATIONS  
FOR IL 159 AND WICKLIFFE AVE.

LOOP	PHASE (Ø)	LOOP SIZE(FT)	REQUIRED # OF TURNS	CALCULATED INDUCTANCE MICROHENRIES (µH )	CALCULATED RESISTANCE OHMS (Ω )
NB LT LN CD #1	1	6 x 50	3-6-3	827.6	2.5
NB THRU LN CD #2	6	6 x 50	3-6-3	825.2	2.5
NB THRU LN CD #3	6	6 x 50	3-6-3	822.3	2.4
NB CCO #4	6	6 x 6	6	336.9	2.2
NB CCO #5	6	6 x 6	6	334.3	2.2
EB LT LN CD #6	4	6 x 50	3-6-3	809.5	2.1
EB THRU LN CD #7	4	6 x 50	3-6-3	807.3	2.1
SB LT LN CD #8	5	6 x 50	3-6-3	824.9	2.5
SB THRU LN CD #9	2	6 x 50	3-6-3	822.5	2.4
SB THRU LN CD #10	2	6 x 50	3-6-3	819.7	2.4
SB CCO #11	2	6 x 6	6	346.0	2.4
SB CCO #12	2	6 x 6	6	343.5	2.4
WB LT LN CD #13	3	6 x 50	3-6-3	822.3	2.4
WB THRU LN CD #14	3	6 x 50	3-6-3	820.1	2.4

THE ABOVE VALUES ARE CALCULATED OF COMBINED LOOP AND LEAD-IN INDUCTANCE AND RESISTANCE. ACTUAL MEASURED VALUES SHOULD BE WITHIN +/- 20% OF THESE VALUES.

DETECTOR LOOP REQUIREMENTS AND CALCULATIONS  
FOR ILL. RTE. 159 AND E. PARK AVE./SPRING ST.

LOOP	PHASE (Ø)	LOOP SIZE(FT)	REQUIRED # OF TURNS	CALCULATED INDUCTANCE MICROHENRIES (µH )	CALCULATED RESISTANCE OHMS (Ω )
NB LT LN CD #1	1	6 x 50	3-6-3	827.1	2.5
NB THRU LN CD #2	6	6 x 50	3-6-3	824.1	2.5
NB THRU LN CD #3	6	6 x 50	3-6-3	819.9	2.4
NB CCO #4	6	6 x 6	6	353.4	2.6
NB CCO #5	6	6 x 6	6	351.0	2.5
EB LT LN CD #6	4	6 x 50	3-6-3	800.7	1.9
EB RT LN CD #7	4	6 x 50	3-6-3	795.9	1.8
SB LT LN CD #8	2	6 x 50	3-6-3	830.2	2.6
SB THRU LN CD #9	5	6 x 50	3-6-3	829.1	2.6
SB THRU LN CD #10	5	6 x 50	3-6-3	828.5	2.6
SB CCO #11	5	6 x 6	6	353.9	2.6
SB CCO #12	5	6 x 6	6	351.2	2.6
WB LT LN CD #13	3	6 x 50	3-6-3	856.8	3.2
WB RT LN CD #14	3	6 x 50	3-6-3	852.4	3.1

THE ABOVE VALUES ARE CALCULATED OF COMBINED LOOP AND LEAD-IN INDUCTANCE AND RESISTANCE. ACTUAL MEASURED VALUES SHOULD BE WITHIN +/- 20% OF THESE VALUES.