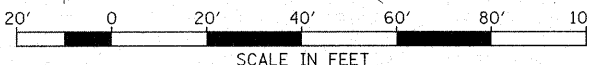
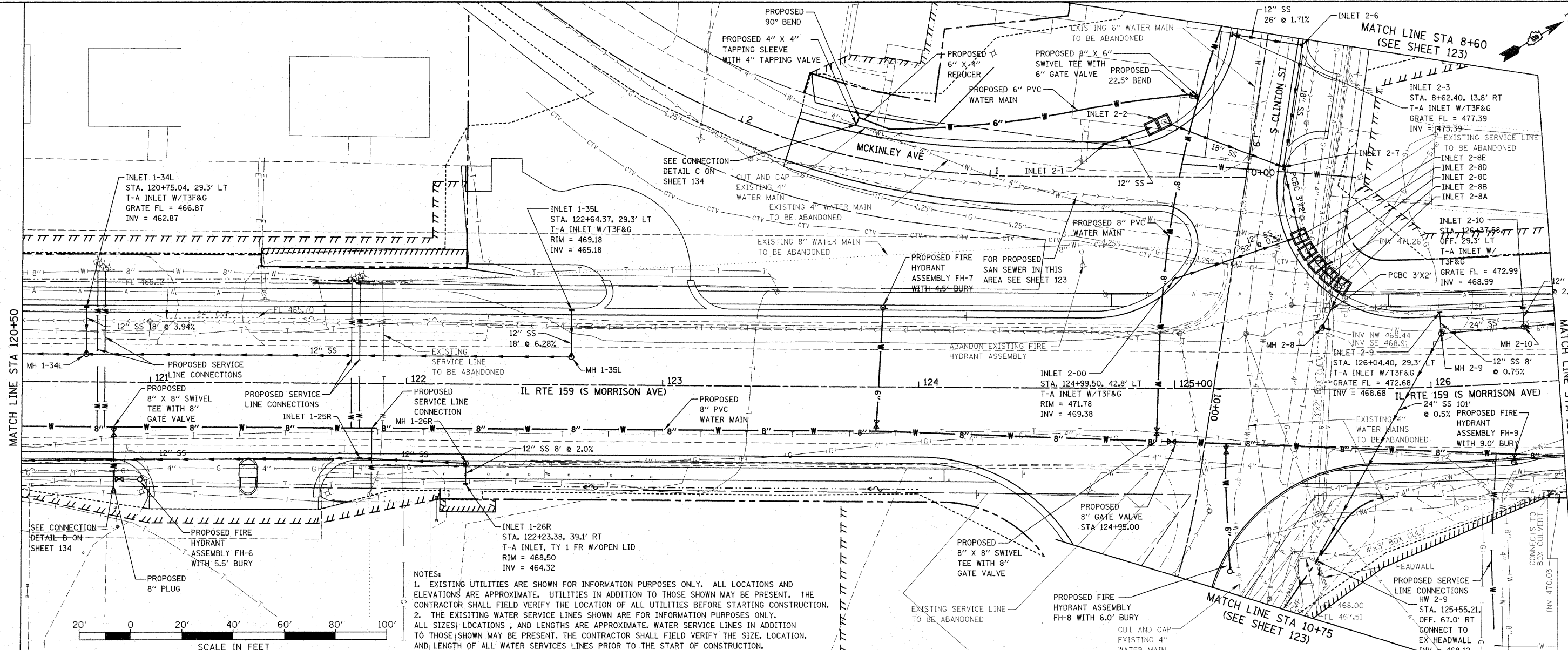
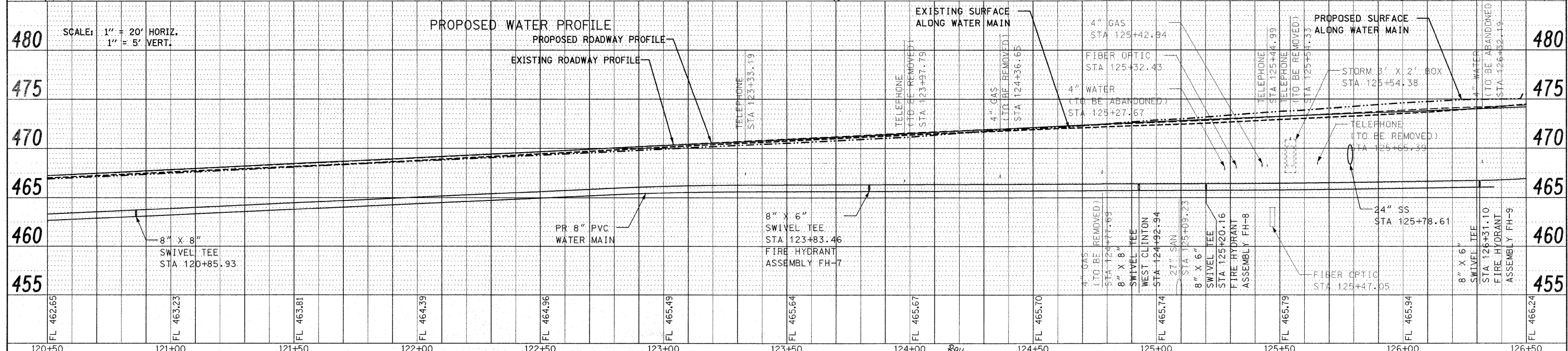


DATE	
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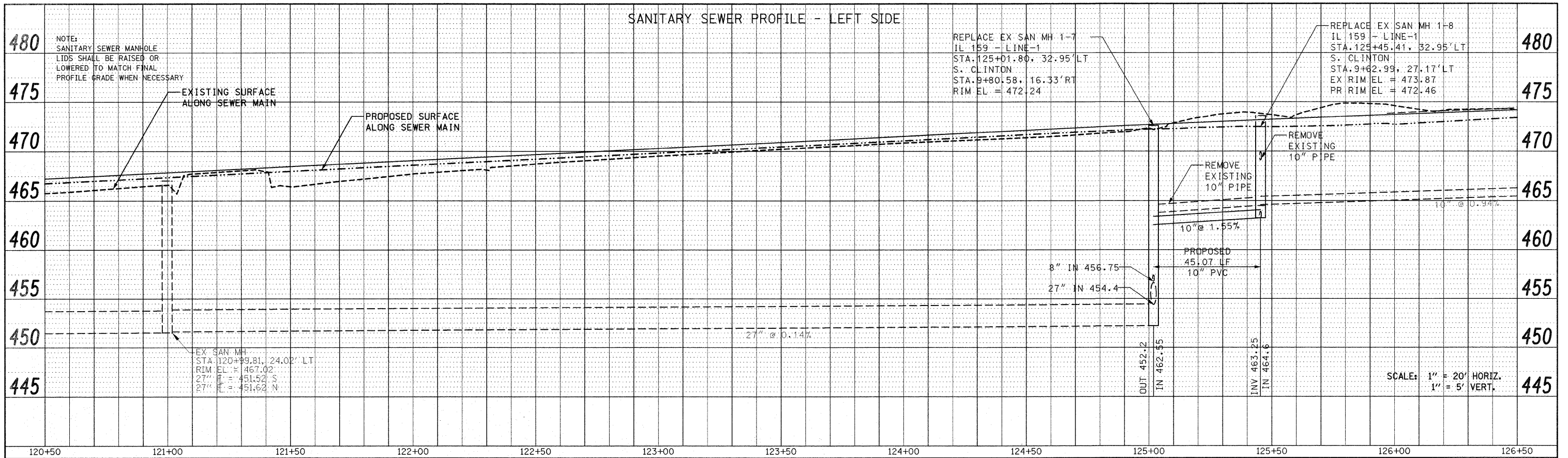


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FILE NAME =	USER NAME = default	DESIGNED -	REVISED -	<b>STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION</b>	<b>DRAINAGE AND UTILITY PLAN/PROFILE IL ROUTE 159</b>	F.A.P. RTE. =	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
Pr:\Projects\513501\CADD\DWG\0876838-shd.dwg		DRAWN -	REVISED -			600	60-(30,31,128)-1	MADISON/ST. CLAIR	399	101
PLOT SCALE = 20.0000' / IN.		CHECKED -	REVISED -			CONTRACT NO. 76830				
PLOT DATE = 12/17/2009		DATE -	REVISED -			FED. ROAD DIST. NO.	ILLINOIS FED. AID PROJECT			

SANITARY SEWER PROFILE - LEFT SIDE

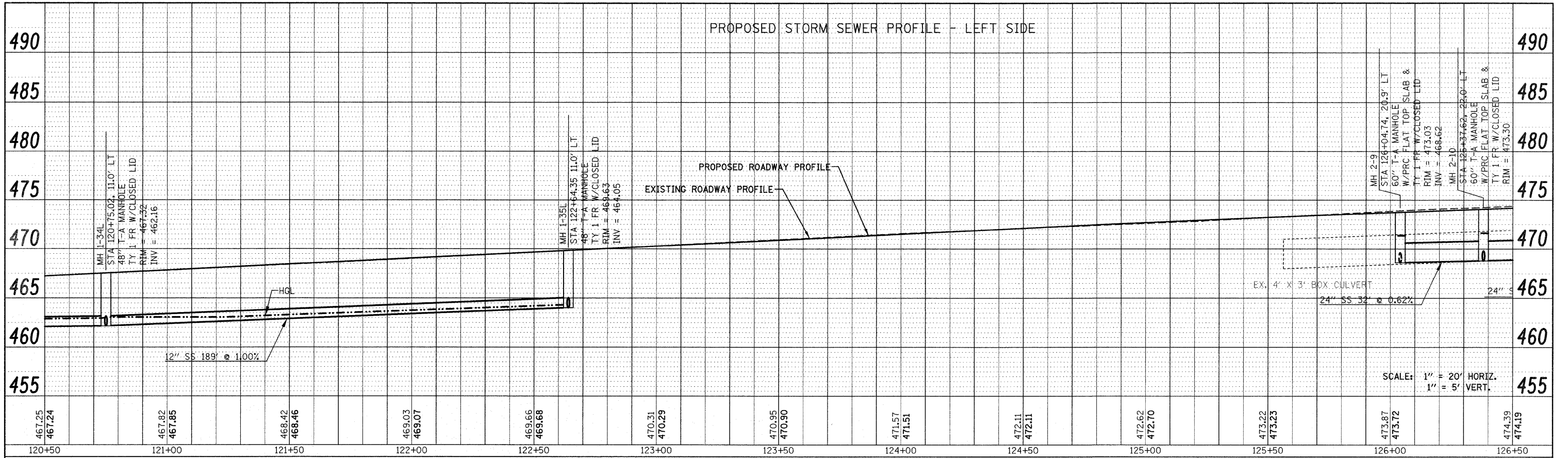


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	CHECKED	
	BY	
	NO.	
	DATE	

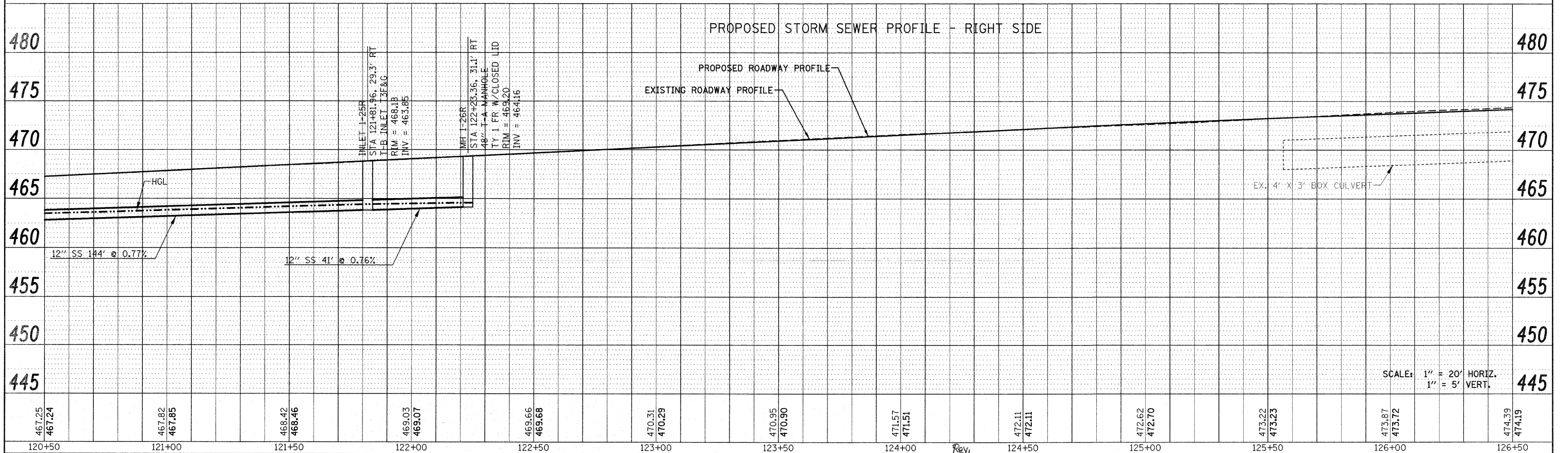
PROFILE	SURVEYED	DATE
	PLOTTED	
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	NO.	
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FILE NAME =	USER NAME = default	DESIGNED -	REVISED -	<b>STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION</b>	<b>DRAINAGE AND UTILITY PROFILE IL ROUTE 159</b>			F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
F:\Projects\513501\CADD\DGN\0976830-shd.dgn	asn.dgn	DRAWN -	REVISED -		SCALE: 1" = 20'	SHEET NO. 14 OF 33 SHEETS	STA 120+50.00 TO STA 126+50.00	600	60-(30,31,128)-1	MADISON/ST. CLAIR	399	102
PLOT SCALE = 20.0000' / IN.		CHECKED -	REVISED -		CONTRACT NO. 76830							
PLOT DATE = 12/17/2009		DATE -	REVISED -		FED. ROAD DIST. NO. [ILLINOIS] FED. AID PROJECT							

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	CADD FILE NAME		
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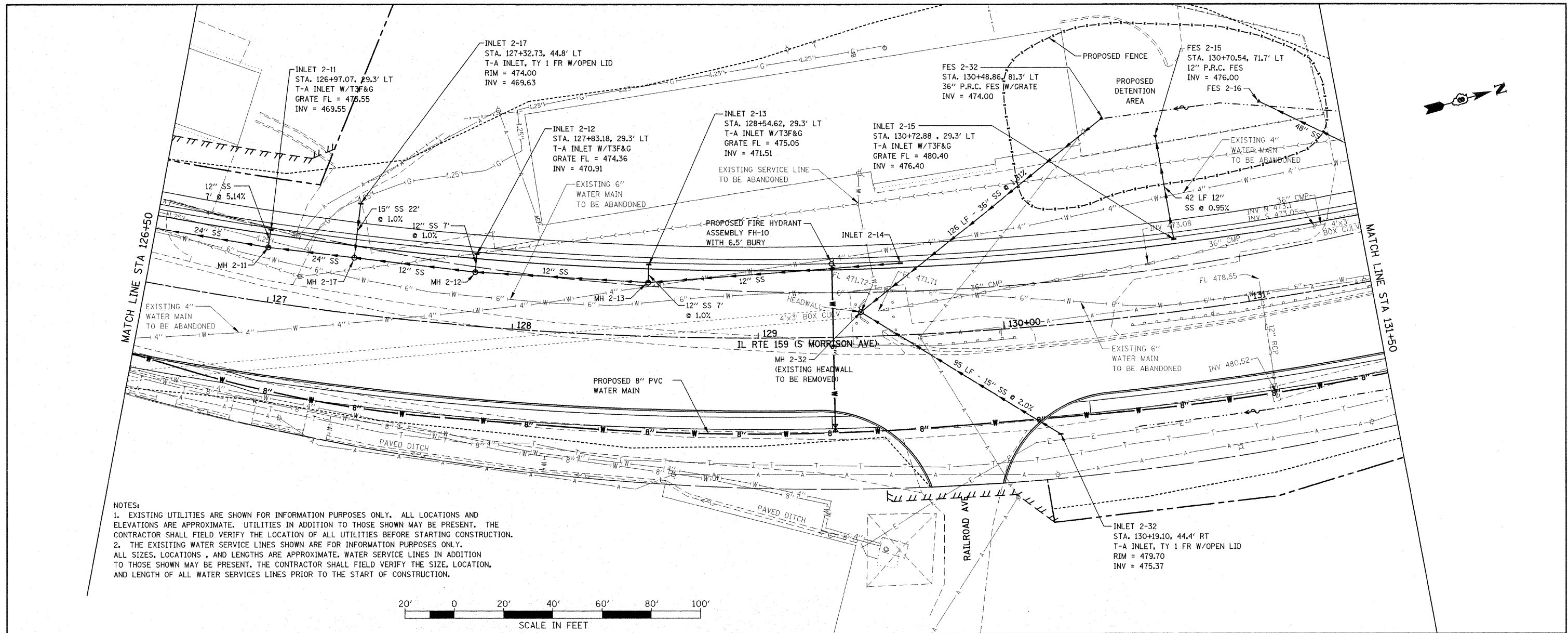
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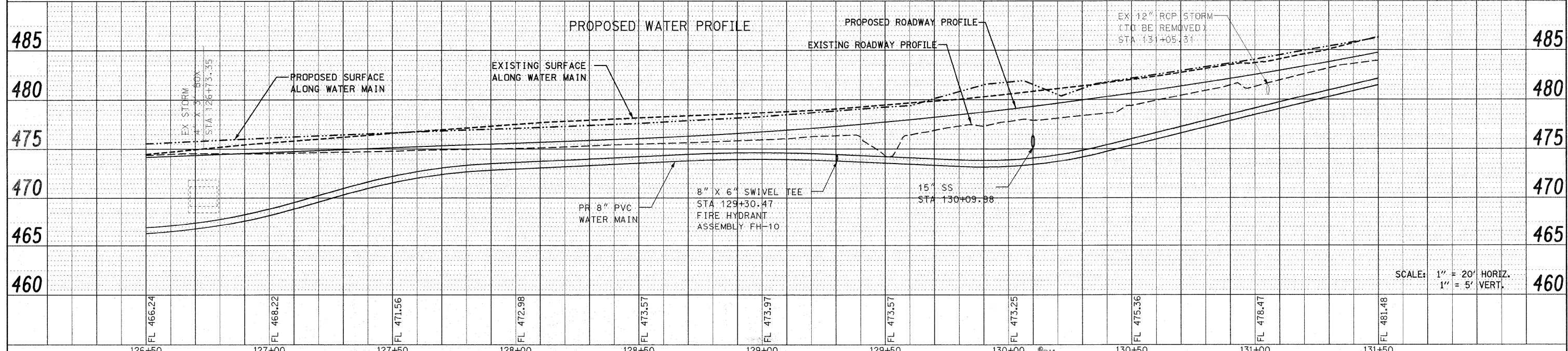
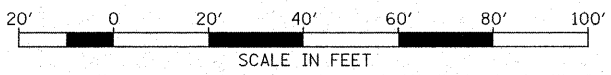
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F:\Projects\513501\CADD\DGND876830-shr\dain.dgn		DRAWN -	REVISED -		SCALE: 1" = 20'	SHEET NO. 15 OF 33 SHEETS	STA 120+50.00 TO STA 126+50.00	600	60-(30,31,128)-1	MADISON/ST. CLAIR	399	103
	PLOT SCALE = 20,0000' / IN.	CHECKED -	REVISED -						CONTRACT NO. 76830			
	PLOT DATE = 12/17/2009	DATE -	REVISED -						ILLINOIS FED. AID PROJECT			

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PLAN	
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NOTE BOOK	
NO.	
REVISIONS	
NO.	
DATE	
BY	
DESCRIPTION	

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BY	
PROFILE	
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REVISIONS	
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DESCRIPTION	

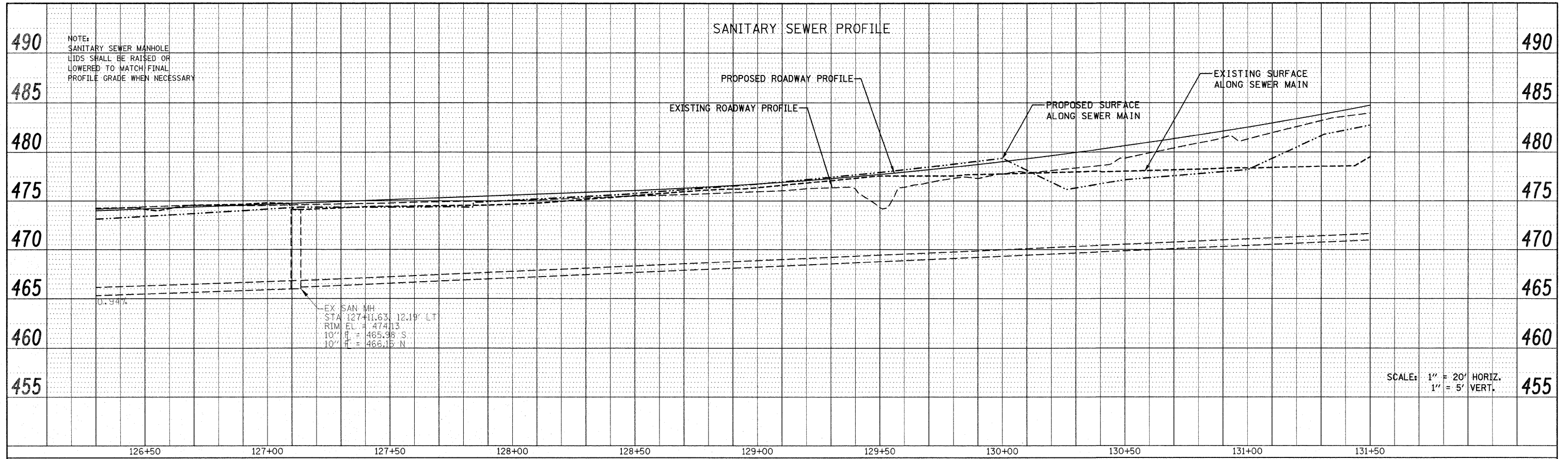


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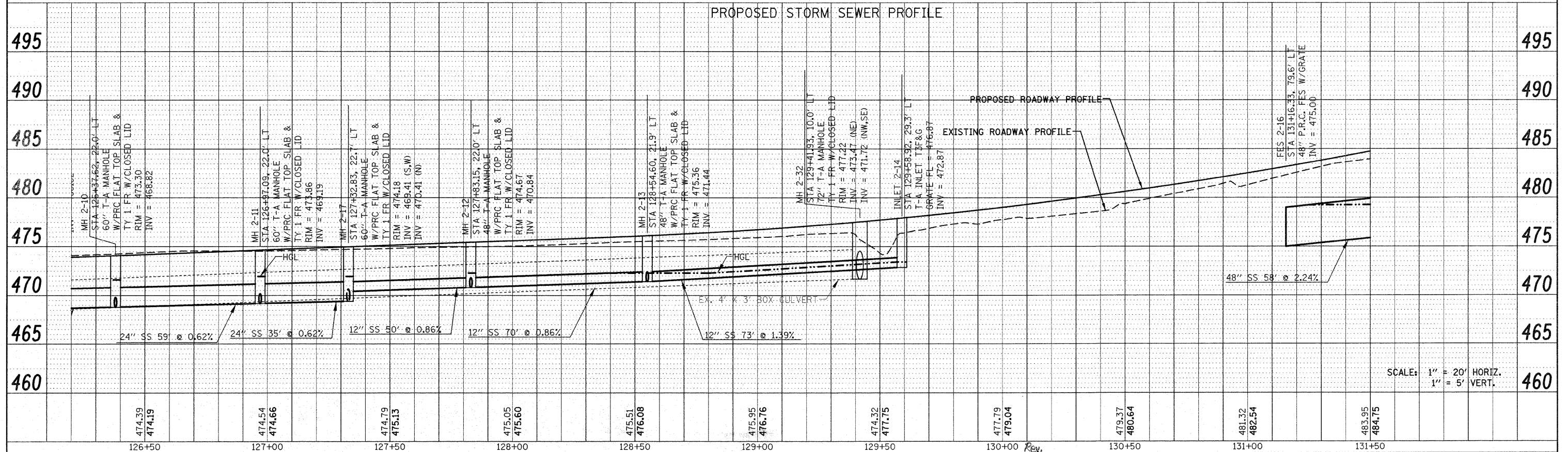
FILE NAME =	USER NAME = default	DESIGNED -	REVISED -	<b>STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION</b>	<b>DRAINAGE AND UTILITY PLAN/PROFILE IL ROUTE 159</b>	F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	
PROJECT NO. = 1513501\CADD\DWG\076830-sh1.dwg	DATE = 12/17/2009	DRAWN -	REVISED -			600	60-(30,31,128)-1	MADISON/ST. CLAIR	399	104	
PLOT SCALE = 20.0000' / IN.		CHECKED -	REVISED -			CONTRACT NO. 76830					
		DATE -	REVISED -			FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT					

PLAN	SURVEYED	DATE
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	CHECKED	
	RT. OF WAY CHECKED	
	NO.	CADD FILE NAME



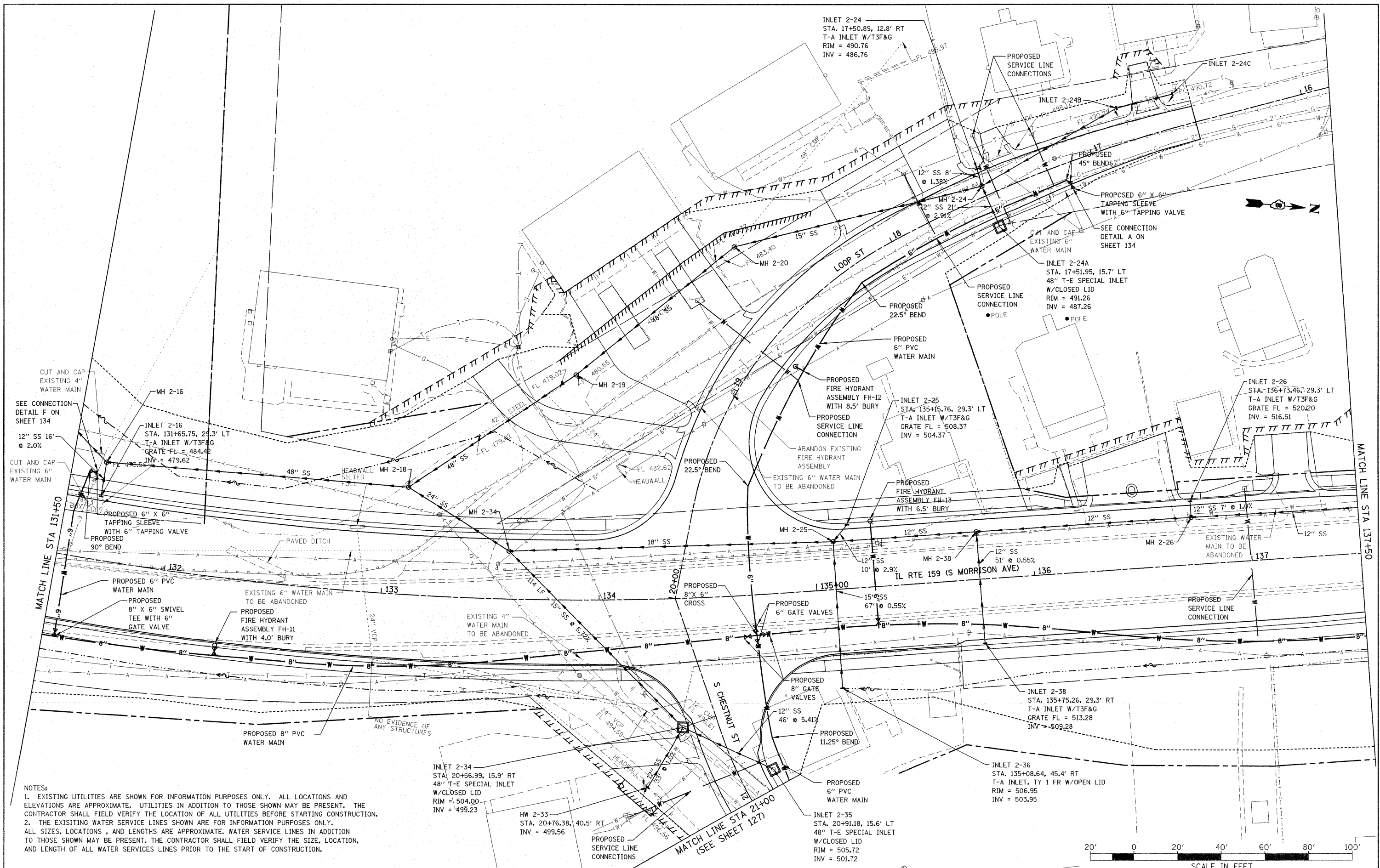
SCALE: 1" = 20' HORIZ.  
1" = 5' VERT.

PROFILE	SURVEYED	DATE
	PLOTTED	BY
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	STRUCTURE NOTATION/RT. OF WAY	
	NO.	



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

FILE NAME = P:\Projects\513501\CADD\DWG\0876830-shd.dwg	USER NAME = default	DESIGNED -	REVISED -	<b>STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION</b>	<b>DRAINAGE AND UTILITY PROFILES IL ROUTE 159</b>			F.A.P. RTE. = 600	SECTION = 60-(30,31,128)-1	COUNTY = MADISON/ST. CLAIR	TOTAL SHEETS = 399	SHEET NO. = 105
PLOT SCALE = 20.0000' / IN.	PLOT DATE = 12/17/2009	DRAWN -	REVISED -		SCALE: 1" = 20'	SHEET NO. 17 OF 33 SHEETS	STA 126+50.00 TO STA 131+50.00	CONTRACT NO. 76830				
		CHECKED -	REVISED -		ILLINOIS FED. AID PROJECT							
		DATE -	REVISED -									



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**STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION**

**DRAINAGE AND UTILITY PLAN  
 IL ROUTE 159**

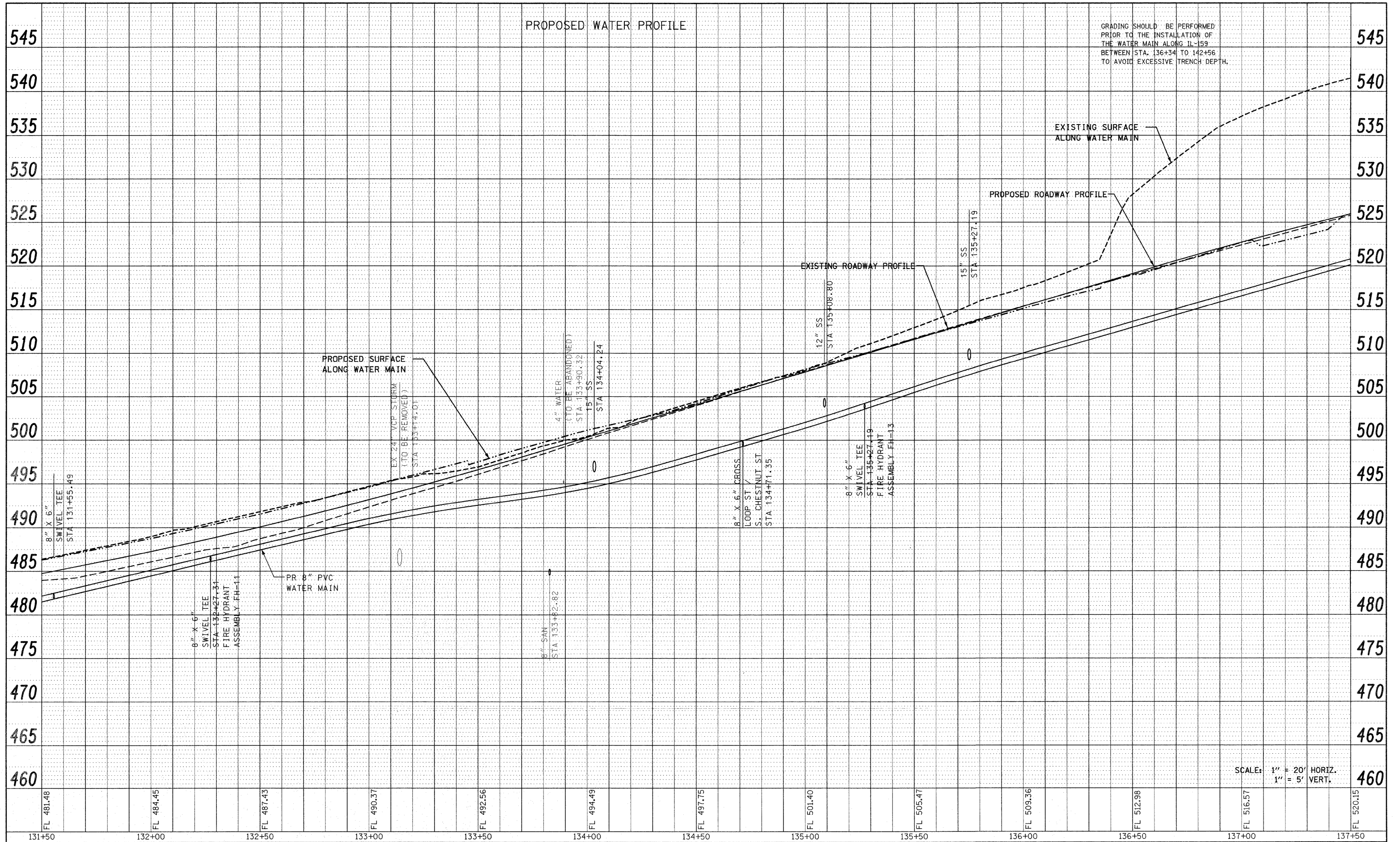
SCALE: 1" = 20'  
 SHEET NO. 18 OF 33 SHEETS  
 STA 131+50.00 TO STA 137+50.00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
600	60-(30,31,128)-1	MADISON/ST. CLAIR	399	106
CONTRACT NO. 76830				
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		

FILE NAME =	USER NAME = default	DESIGNED -	REVISED -
P:\Projects\51350\1\CADD\DWG\0876830-shs	draindgn	DRAWN -	REVISED -
		CHECKED -	REVISED -
		DATE -	REVISED -

PLAN	SURVEYED	BY	DATE
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PROFILE	SURVEYED	BY	DATE
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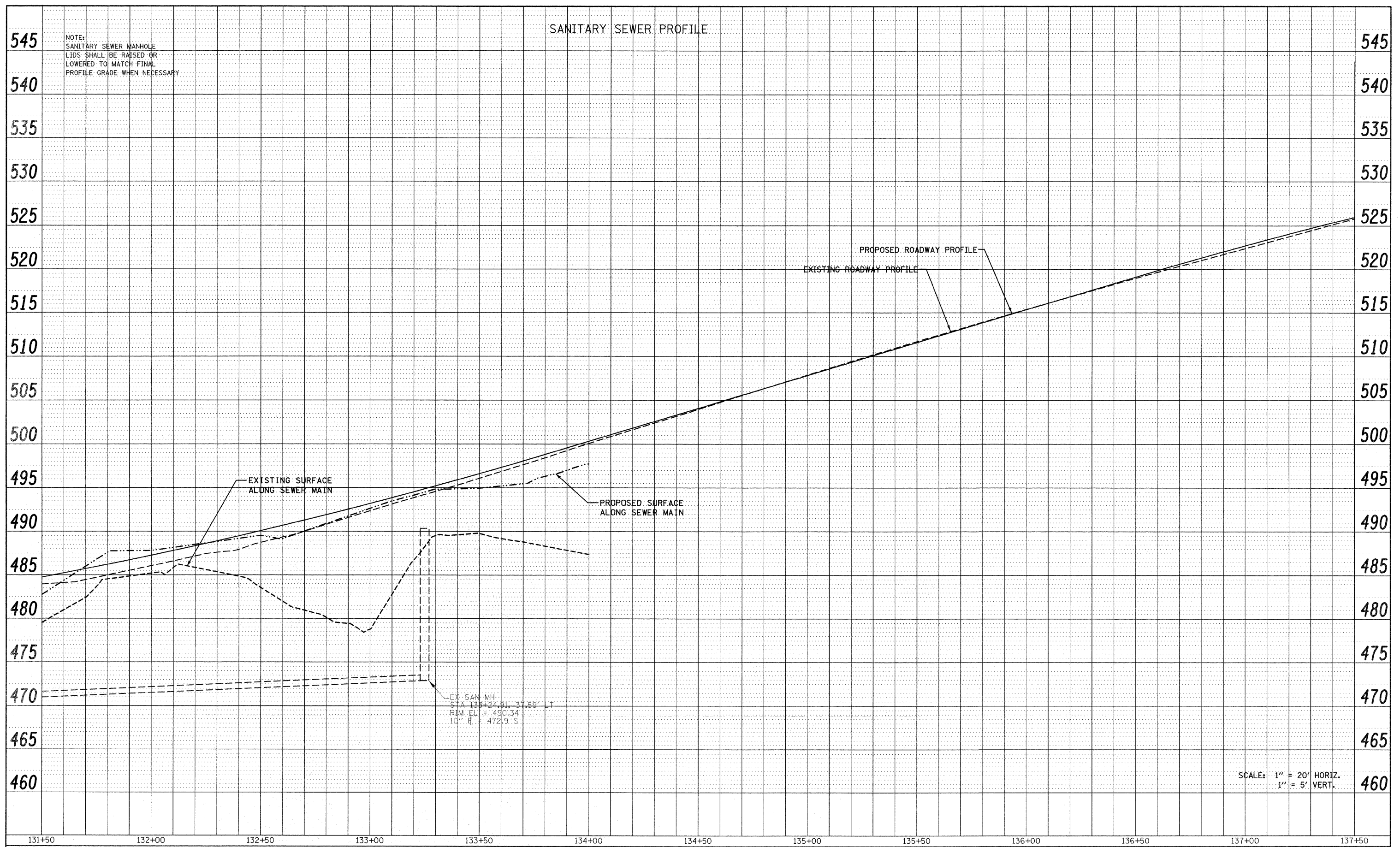
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PROJECTS\513501\CADD\DWG\0676838-shd-d	sun.dgn	DRAWN -	REVISED -		SCALE: 1" = 20'	SHEET NO. 19 OF 33 SHEETS	STA 131+50.00 TO STA 137+50.00	CONTRACT NO. 76830				
		CHECKED -	REVISED -									
		DATE -	REVISED -									

SANITARY SEWER PROFILE

NOTE:  
SANITARY SEWER MANHOLE  
LIDS SHALL BE RAISED OR  
LOWERED TO MATCH FINAL  
PROFILE GRADE WHEN NECESSARY

PLAN	SURVEYED	BY	DATE
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	NOTE BOOK		
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	CADD FILE NAME		

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



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

FILE NAME =	USER NAME = default	DESIGNED -	REVISED -
F:\Projects\513501\CADD\DWG\076830-shd-d	am.dgn	DRAWN -	REVISED -
		CHECKED -	REVISED -
		DATE -	REVISED -

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

Rev.

DRAINAGE AND UTILITY PROFILE  
IL ROUTE 159

SCALE: 1" = 20' SHEET NO. 20 OF 33 SHEETS STA 131+50.00 TO STA 137+50.00

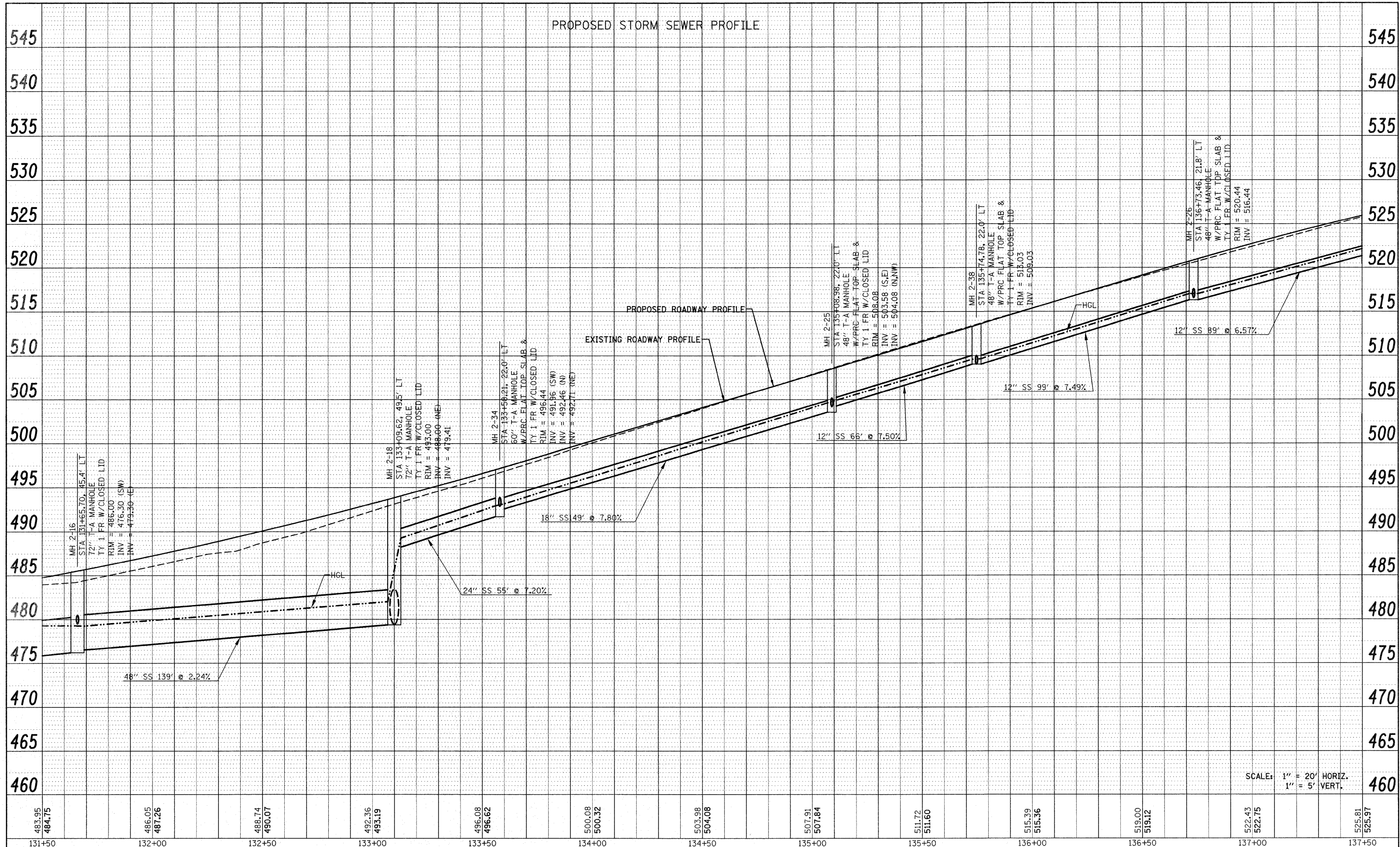
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
600	60-(30,31,128)-1	MADISON/ST. CLAIR	399	108
CONTRACT NO. 76830				
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT				



PLAN	SURVEYED	BY	DATE
	PLOTTED		
	NOTED		
	RT. OF WAY CHECKED		
	CADD FILE NAME		

PROFILE	SURVEYED	BY	DATE
	PLOTTED		
	NOTED		
	STRUCTURE NOTATION CHECKED		

PROPOSED STORM SEWER PROFILE



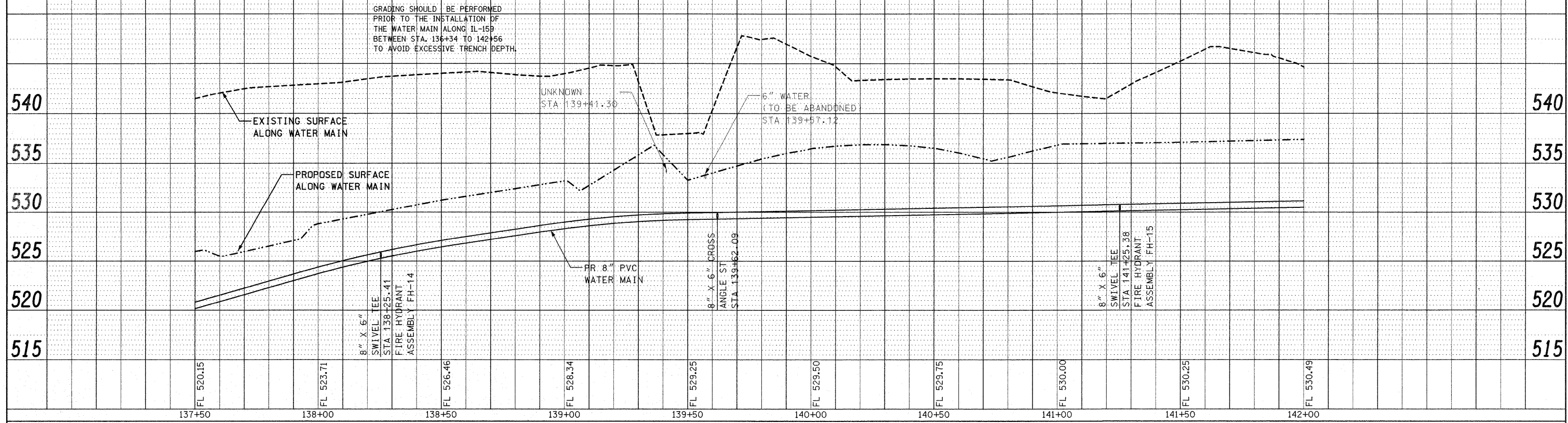
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1" = 5' VERT.

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PLOT SCALE = 20.0000' / IN.	PLOT DATE = 12/17/2009	DRAWN -	REVISED -		SCALE: 1" = 20'	SHEET NO. 21 OF 33 SHEETS	STA 131+50.00 TO STA 137+50.00	CONTRACT NO. 76830				
		CHECKED -	REVISED -		ILLINOIS FED. AID PROJECT							
		DATE -	REVISED -									



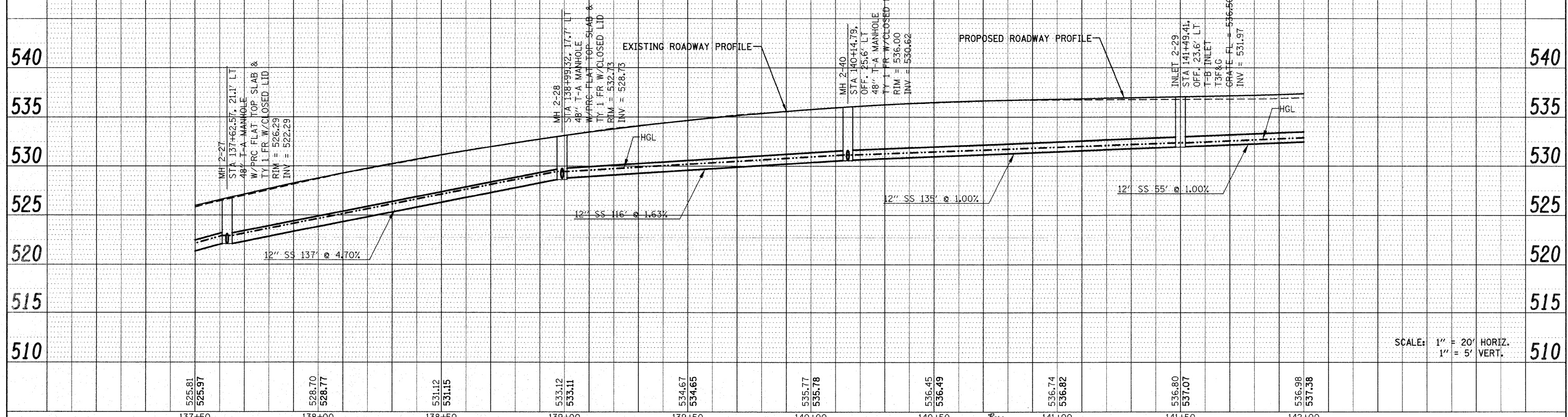
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	PLOTTED	BY
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	RT. OF WAY CHECKED	
	CADD FILE NAME	
	NO.	

PROPOSED WATER PROFILE - IL 159



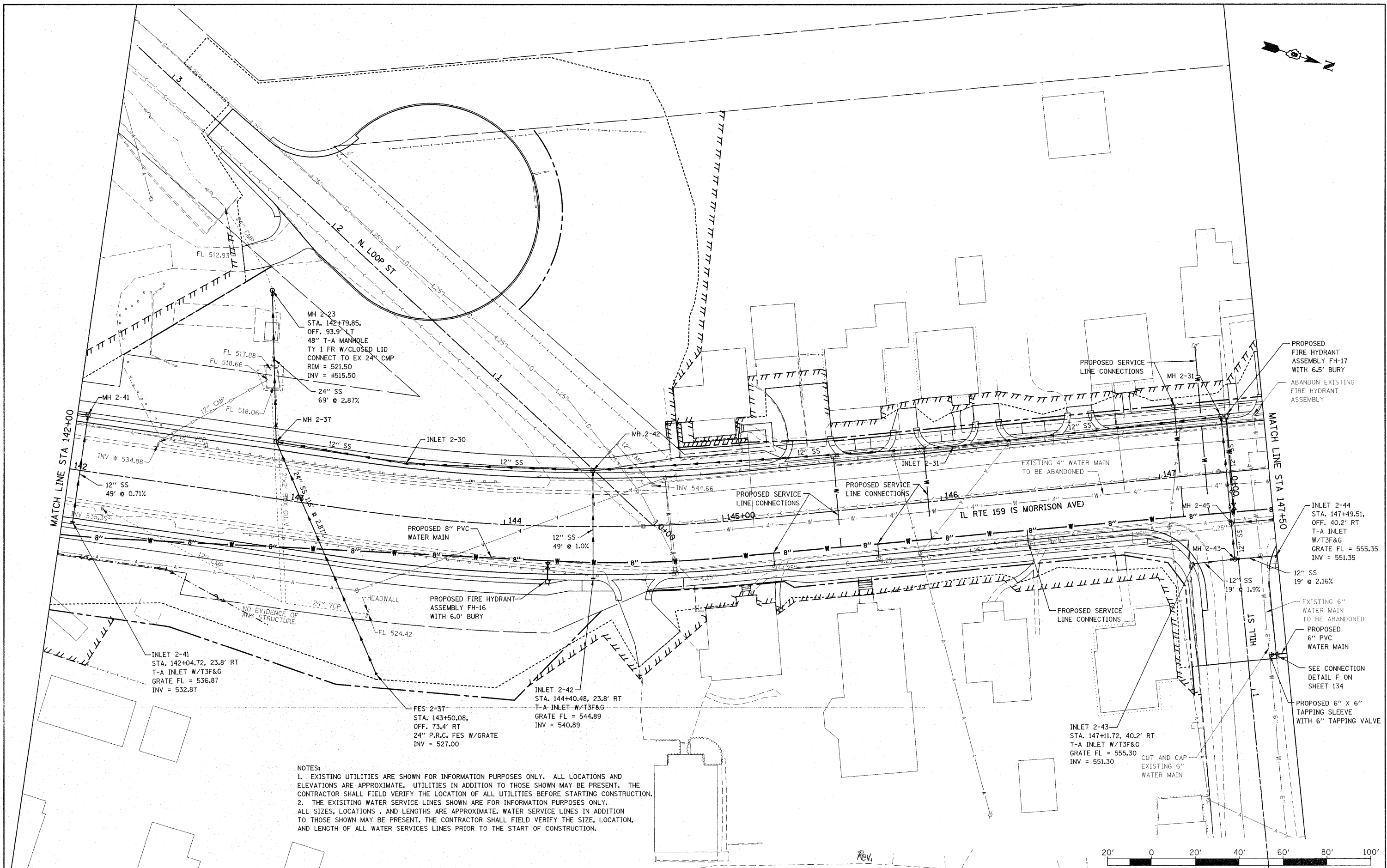
PROFILE	SURVEYED	DATE
	PLOTTED	BY
	CHECKED	
	STRUCTURE NOTATIONS CHNG	
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PROPOSED STORM SEWER PROFILE

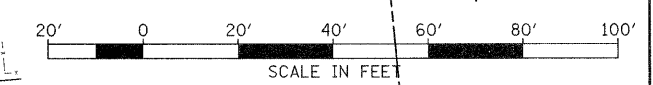


SCALE: 1" = 20' HORIZ.  
1" = 5' VERT.

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PLOT SCALE = 20.0000' / IN.	PLOT DATE = 12/17/2009	DRAWN -	REVISED -		SCALE: 1" = 20'	SHEET NO. 23 OF 33 SHEETS	STA 137+50.00 TO STA 142+00.00	CONTRACT NO. 76830		ILLINOIS FED. AID PROJECT			
		CHECKED -	REVISED -										
		DATE -	REVISED -										



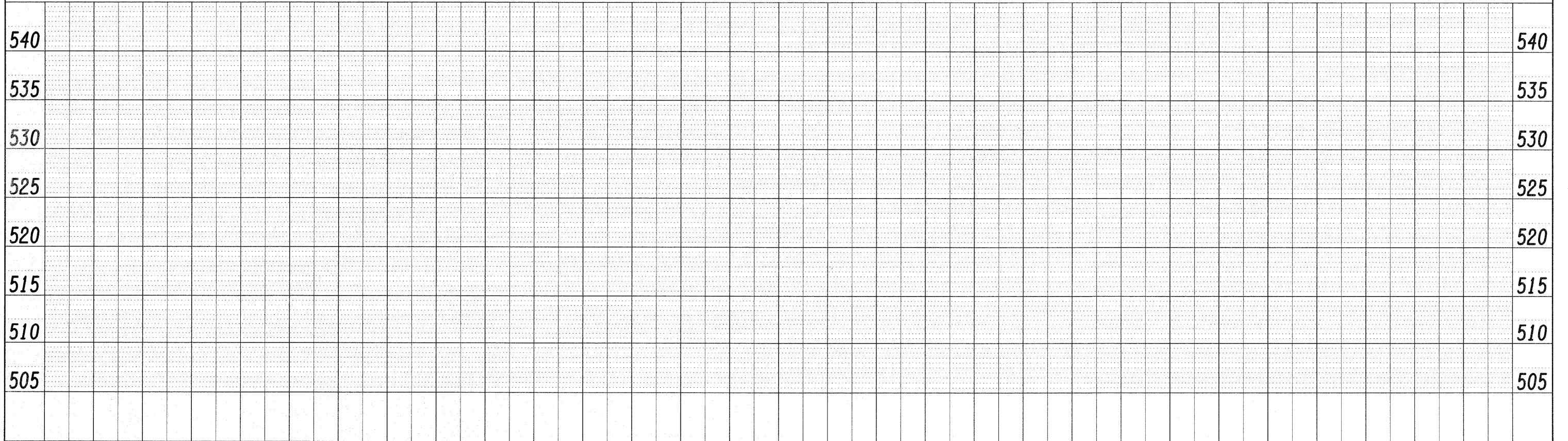
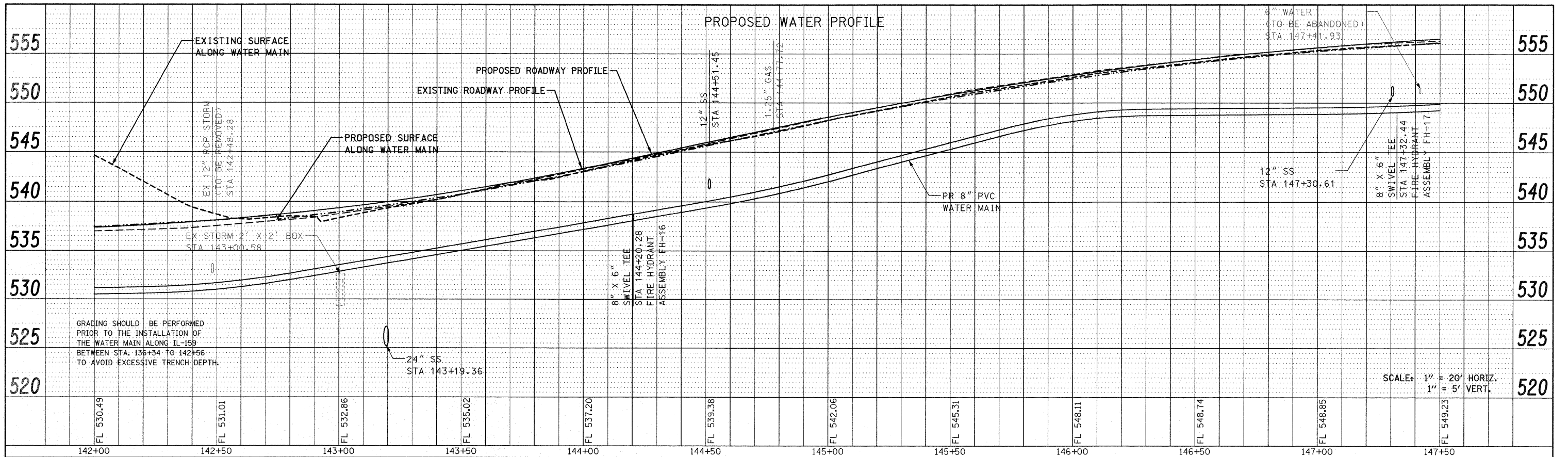
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FILE NAME =	USER NAME = default	DESIGNED -	REVISED -	<b>STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION</b>	<b>DRAINAGE AND UTILITY PLAN IL ROUTE 159</b>			F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
PA\Projects\51350\IN\CADD\DRN\DR76830-sh1.drain.dgn		DRAWN -	REVISED -		SCALE: 1" = 20'	SHEET NO. 24 OF 33 SHEETS	STA 142+00.00 TO STA 147+50.00	600	60-(30,31,128)-1	MADISON/ST. CLAIR	399	112
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PLOT DATE = 12/17/2009		DATE -	REVISED -		FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT							

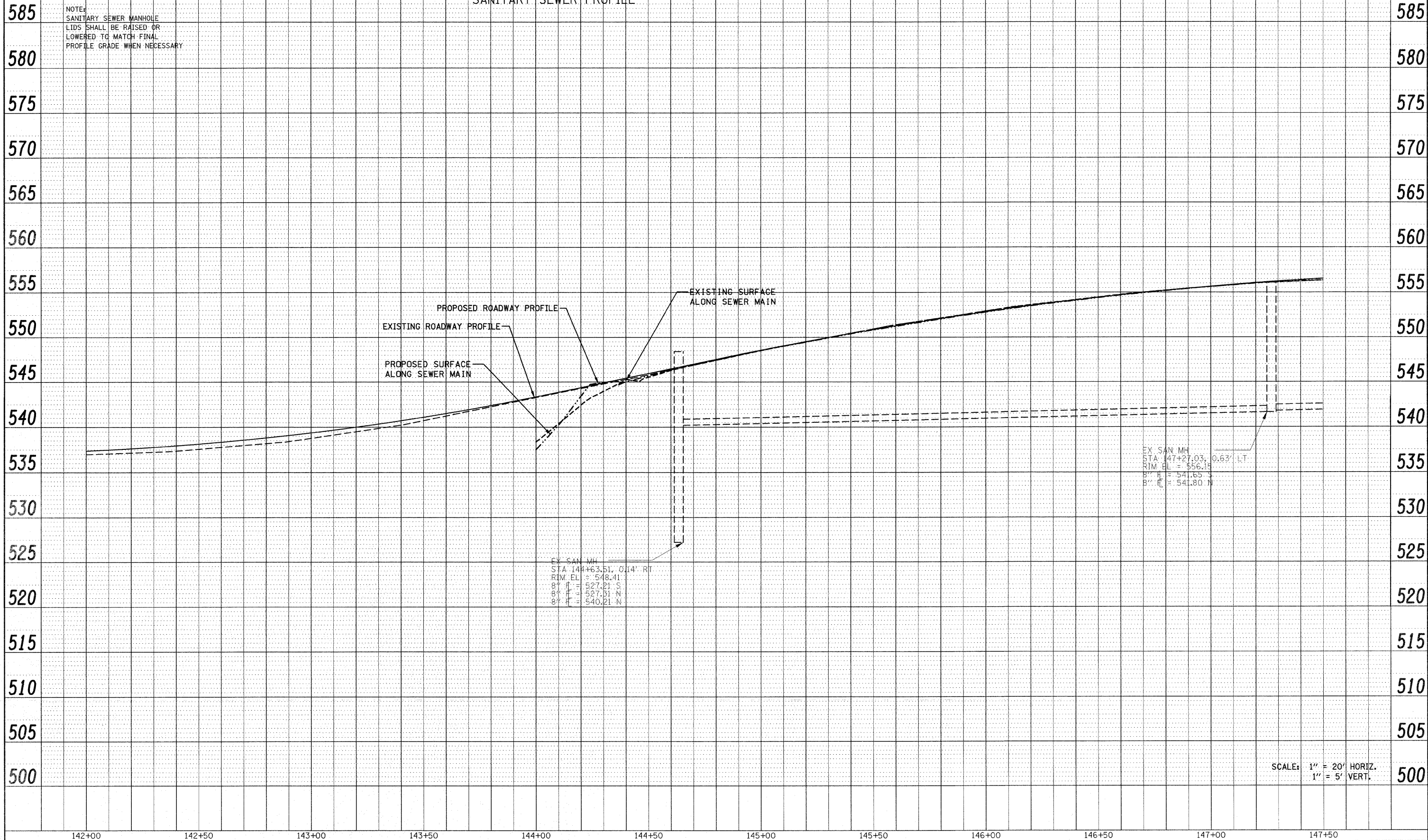
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		CHECKED -	REVISED -								
		DATE -	REVISED -								

SANITARY SEWER PROFILE



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	PLOTTED		
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	RT OF WAY CHECKED		
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PROFILE	SURVEYED	BY	DATE
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	CHECKED		
	STRUCTURE NOTATION CHKD		
	NO.		

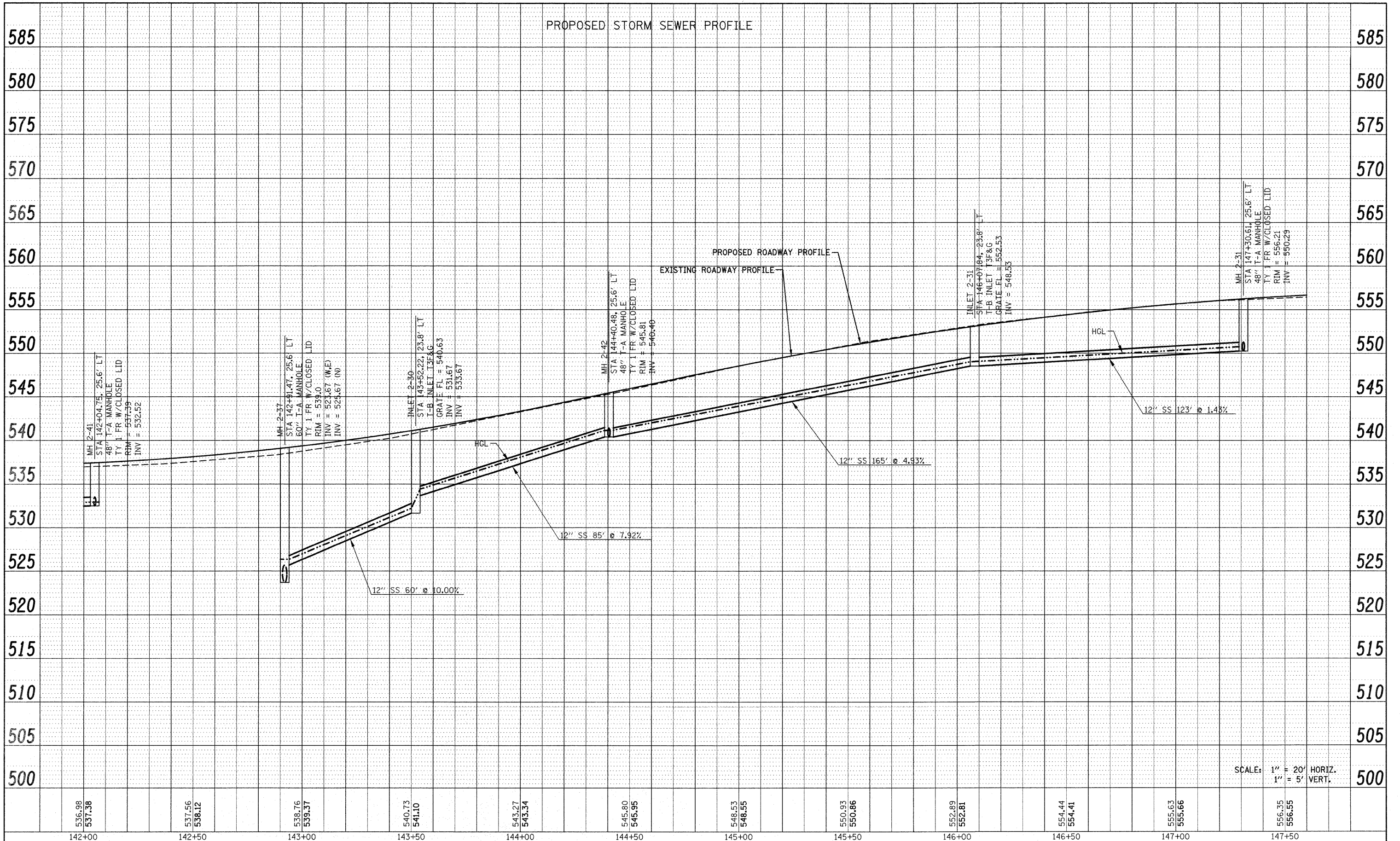
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	PLOT DATE = 12/17/2009	DATE -	REVISED -

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

DRAINAGE AND UTILITY PROFILE	
IL ROUTE 159	
SCALE: 1" = 20'	SHEET NO. 26 OF 33 SHEETS
STA 142+00.00 TO STA 147+50.00	

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
600	60-(30,31,128)-1	MADISON/ST. CLAIR	399	114
CONTRACT NO. 76830				
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT				

PROPOSED STORM SEWER PROFILE



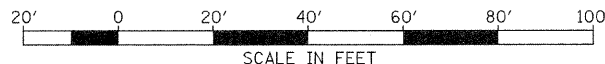
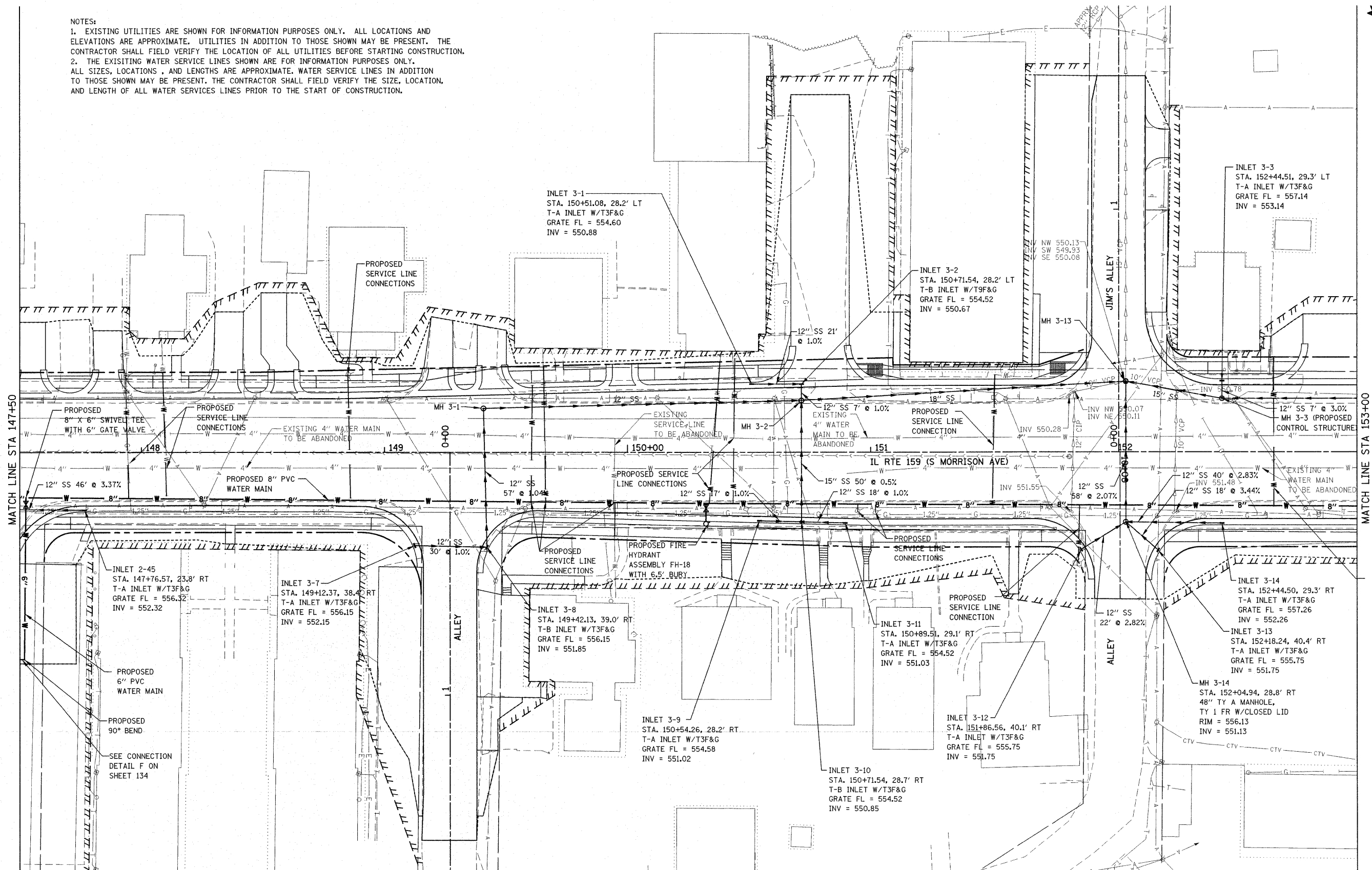
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	CADD FILE NAME		

PROFILE	SURVEYED	BY	DATE
	PLOTTED		
	CHECKED		
	STRUCTURE NOTATIONS CHRG		

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

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PLOT SCALE = 20.0000' / IN.	DRAWN -	REVISED -	SCALE: 1" = 20'			SHEET NO. 27 OF 33 SHEETS	STA 142+00.00 TO STA 147+50.00	CONTRACT NO. 76830			
PLOT DATE = 12/17/2009	CHECKED -	REVISED -									
	DATE -	REVISED -									

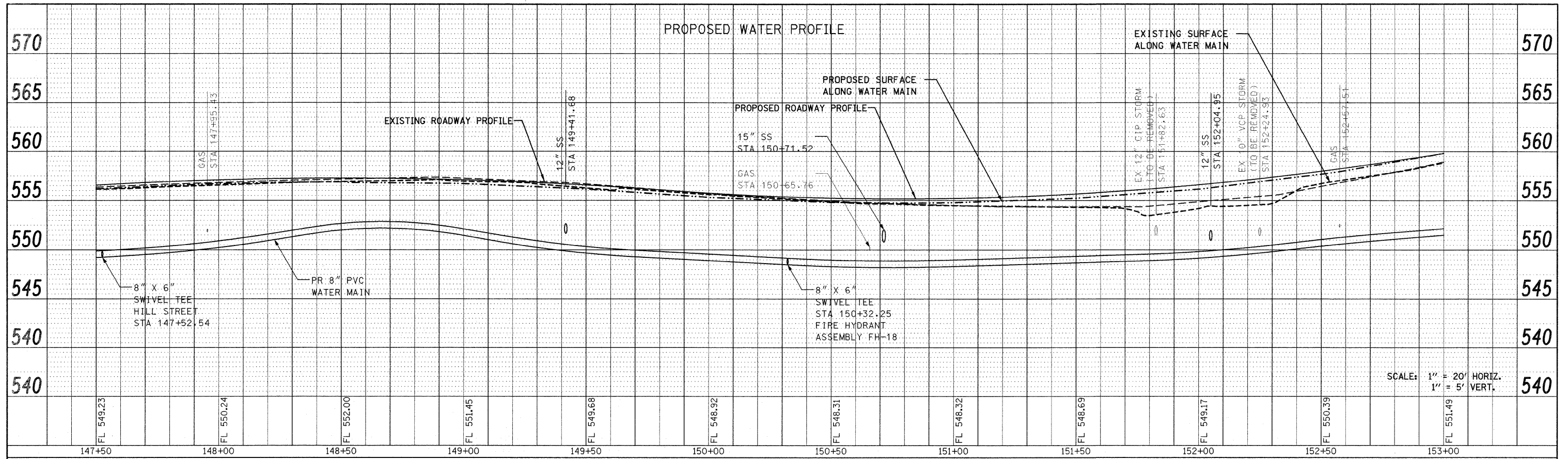
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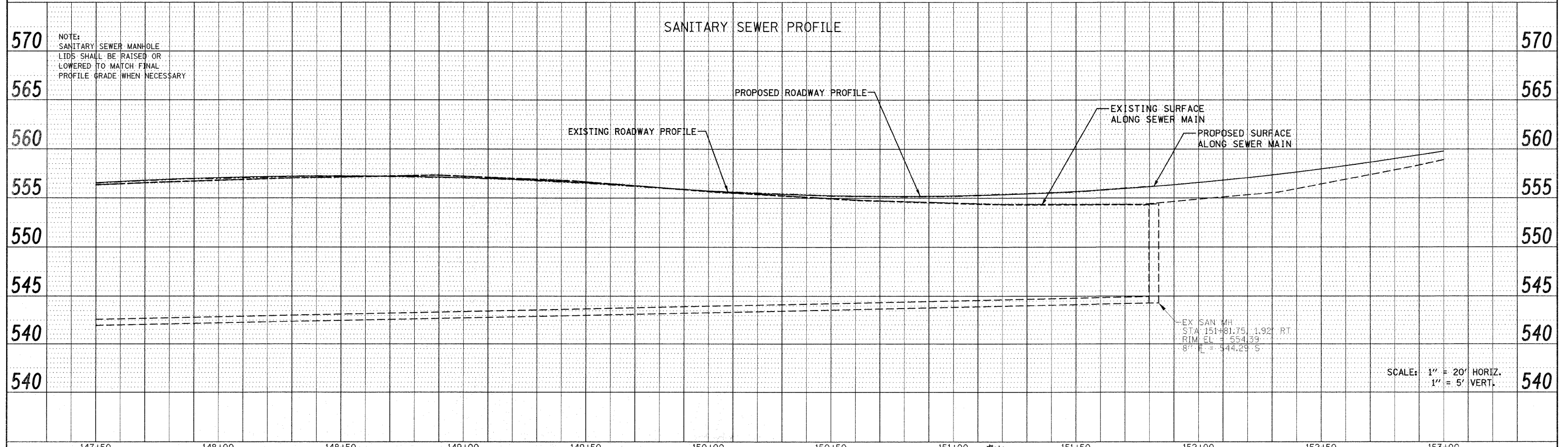
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PLOT SCALE = 20,0000' / IN.	CHECKED -	REVISED -	SCALE: 1" = 20'			SHEET NO. 28 OF 33 SHEETS	STA 147+50.00 TO STA 153+00.00	CONTRACT NO. 76830		FED. ROAD DIST. NO. = ILLINOIS FED. AID PROJECT		
PLOT DATE = 12/17/2009	DATE -	REVISED -										



PLAN	SURVEYED	DATE
	PLOTTED	
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	NO.	
	CADD FILE NAME	



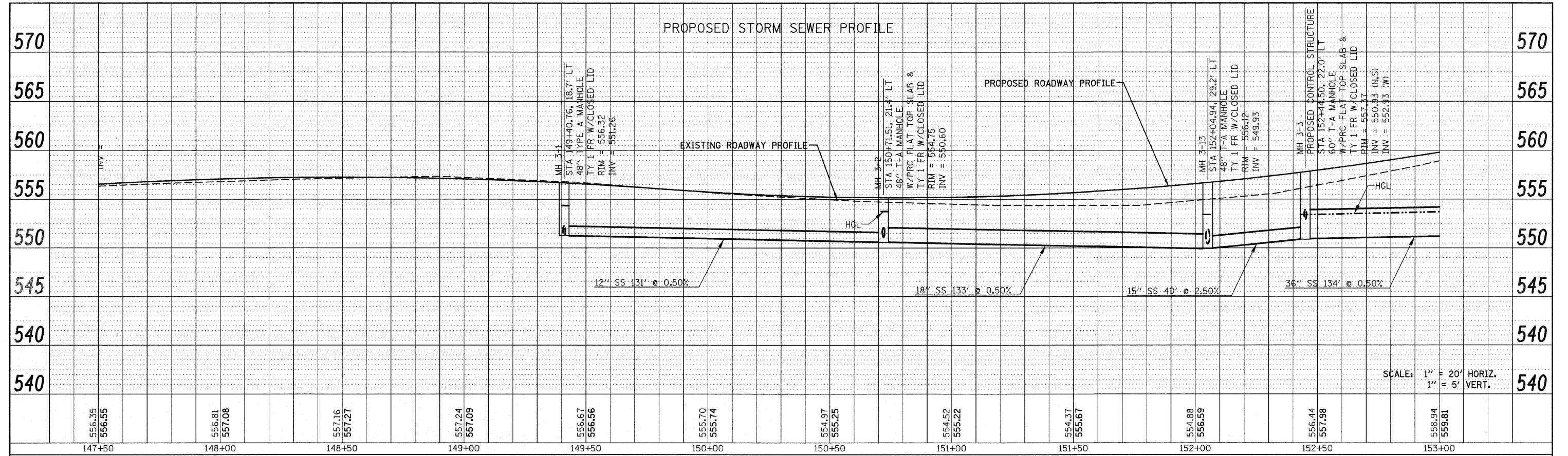
PROFILE	SURVEYED	DATE
	PLOTTED	
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	STRUCTURE NOTATIONS CTRD	



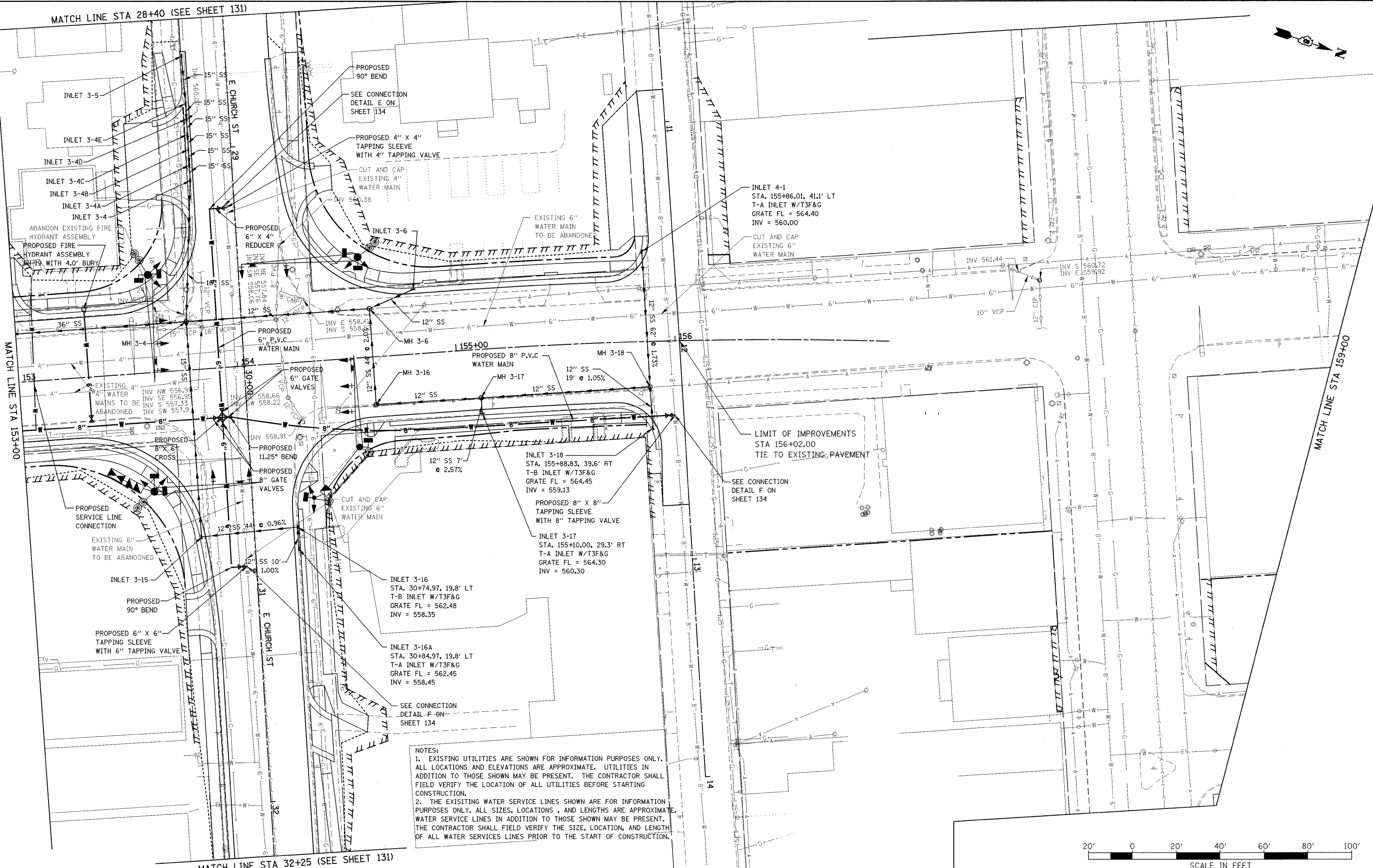
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	asn.dgn	DRAWN -	REVISED -		SCALE: 1" = 20' HORIZ. 1" = 5' VERT.	SHEET NO. 29 OF 33 SHEETS	STA 147+50.00 TO STA 153+00.00	CONTRACT NO. 76830		ILLINOIS FED. AID PROJECT	
	PLOT SCALE = 20.0000' / IN.	CHECKED -	REVISED -								
	PLOT DATE = 12/17/2009	DATE -	REVISED -								

PLAN	SURVEYED	BY	DATE
	PLOTTED		
	CHECKED		
	RT. OF WAY CHECKED		
	CADD FILE NAME		
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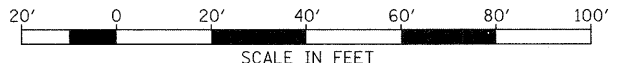
PROFILE	SURVEYED	BY	DATE
	PLOTTED		
	CHECKED		
	RT. OF WAY CHECKED		
	STRUCTURE NOTATIONS CHKD		
	NO.		



MATCH LINE STA 28+40 (SEE SHEET 131)



NOTES:  
 1. 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.  
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FILE NAME =  
 P:\Projects\513501\CADD\DWG\0876830-shd

USER NAME = default  
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**STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION**

**DRAINAGE AND UTILITY PLAN  
 IL ROUTE 159**

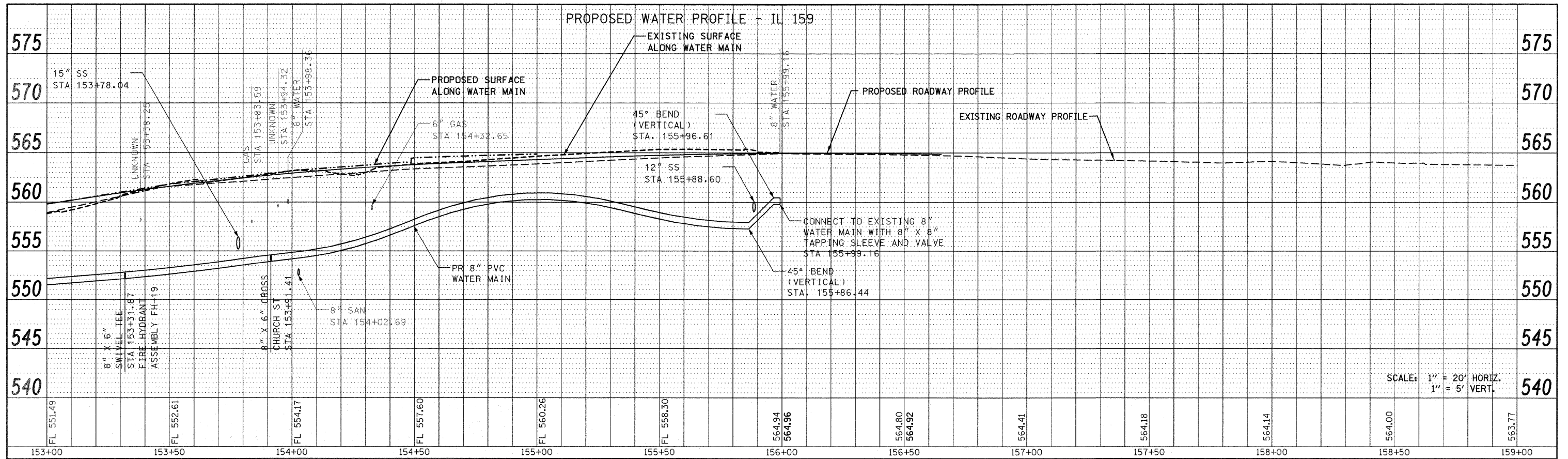
SCALE: 1" = 20' SHEET NO. 31 OF 33 SHEETS STA 153+00.00 TO STA 156+02.00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
600	60-(30,31,128)-1	MADISON/ST. CLAIR	399	119
CONTRACT NO. 76830				
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		

MATCH LINE STA 32+25 (SEE SHEET 131)

PLAN	SURVEYED	BY	DATE
	PLOTTED		
	CHECKED		
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	DATE		
	NO.		
	CADD FILE NAME		

PROFILE	SURVEYED	BY	DATE
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	DATE		
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	STRUCTURE NOTATION CHRG		

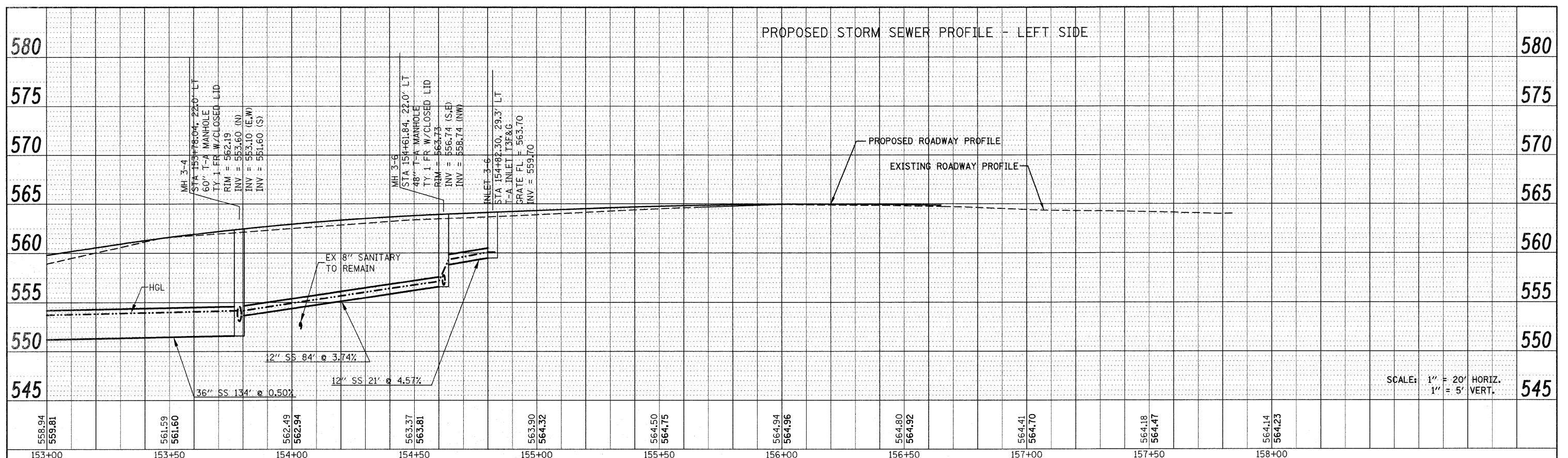


SCALE: 1" = 20' HORIZ.  
1" = 5' VERT.

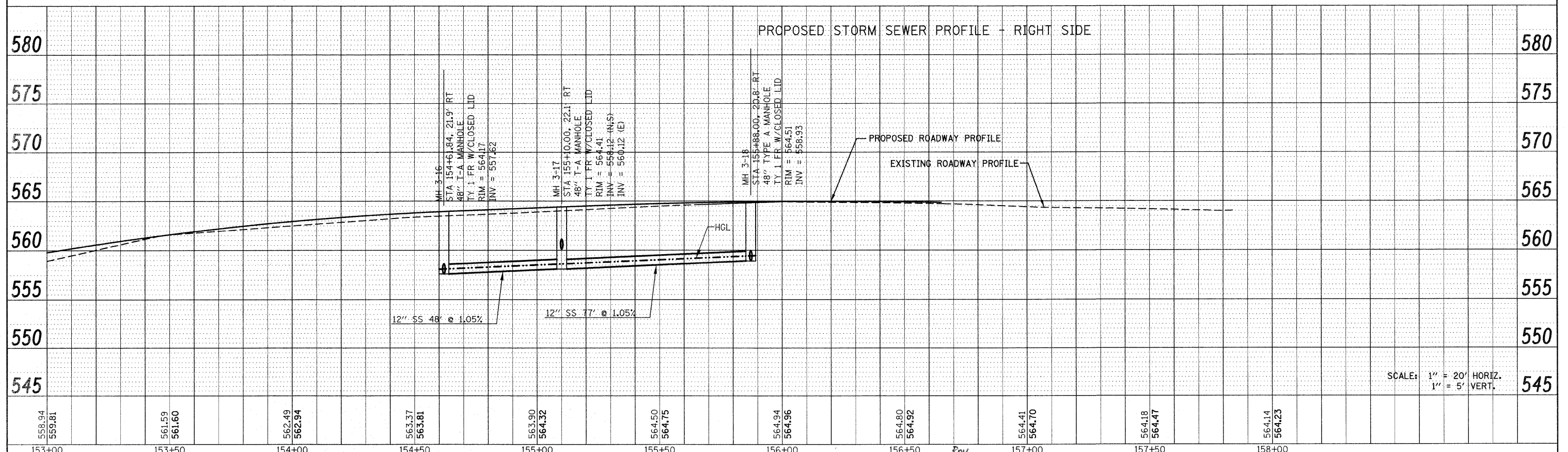
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P:\Projects\513501\CADD\DN\0876830-shr-d	andgn	DRAWN -	REVISED -			600	60-(30,31,128)-1	MADISON/ST. CLAIR	399	120
PLOT SCALE = 20.0000' / IN.		CHECKED -	REVISED -			CONTRACT NO. 76830				
PLOT DATE = 12/17/2009		DATE -	REVISED -			FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT				

Rev.

PLAN	SURVEYED	DATE
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	CADD FILE NAME	

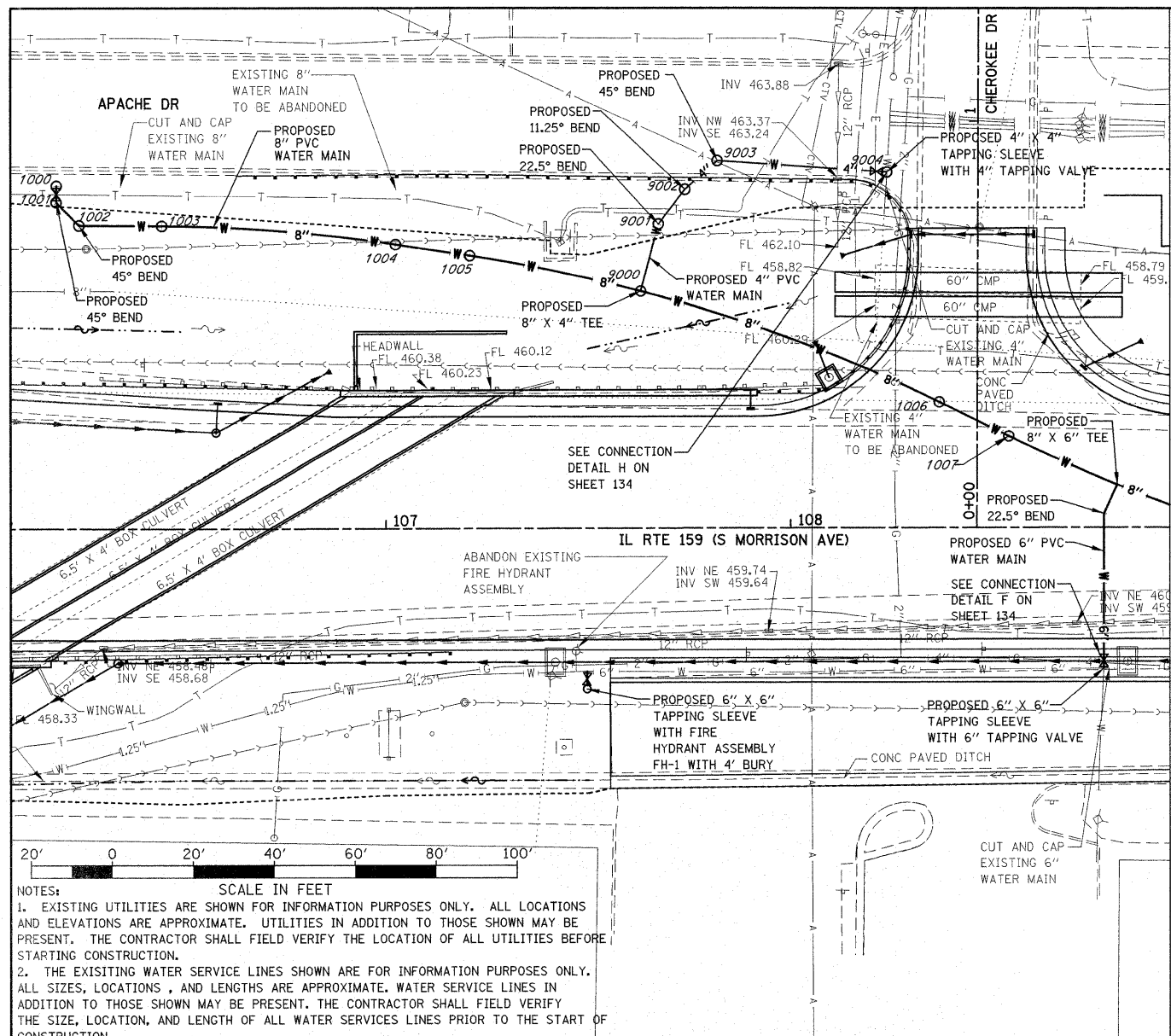


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	STRUCTURE NOTATION CHRG	

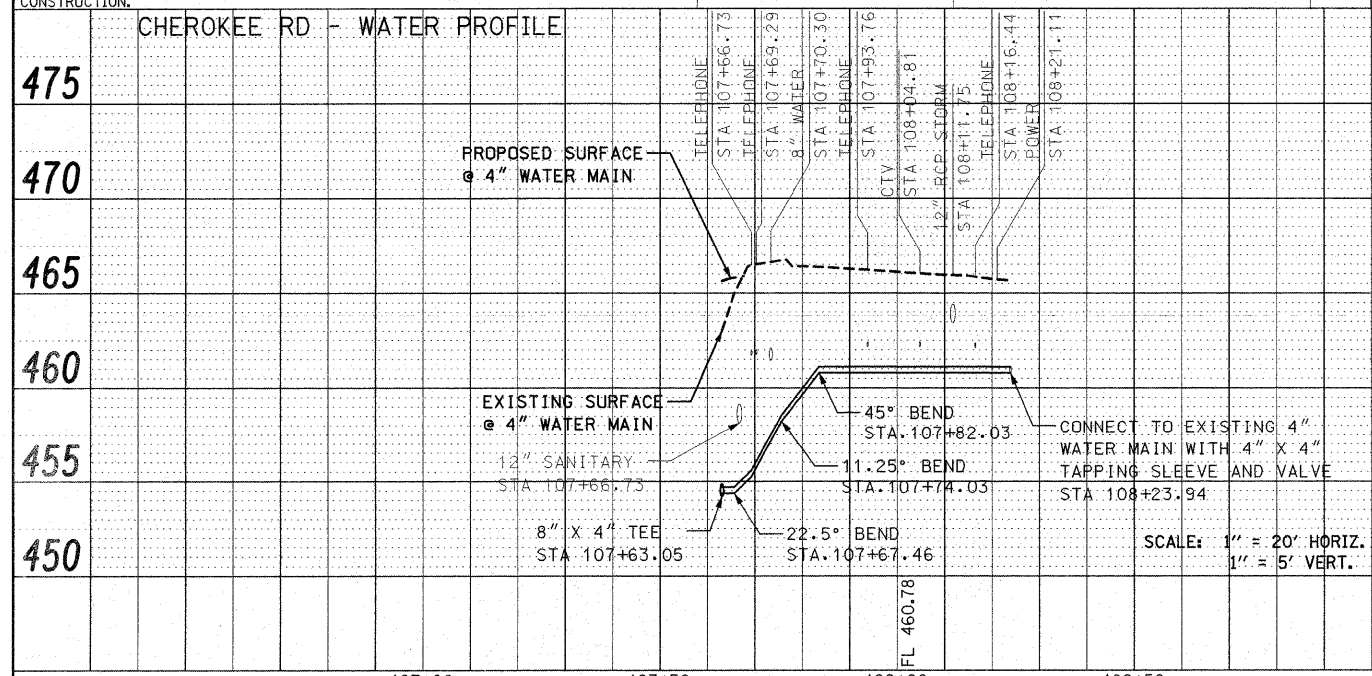


FILE NAME =	USER NAME = default	DESIGNED -	REVISED -	<b>STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION</b>	<b>DRAINAGE AND UTILITY PROFILES IL ROUTE 159</b>			F.A.P. RTE. = 600	SECTION = 60-(130,31,128)-1	COUNTY = MADISON/ST. CLAIR	TOTAL SHEETS = 399	SHEET NO. = 121
PLOT SCALE = 20,0000' / IN.		DRAWN -	REVISED -		SCALE: 1" = 20'	SHEET NO. 33 OF 33 SHEETS	STA 153+00.00 TO STA 156+02.00	CONTRACT NO. 76830				
PLOT DATE = 12/17/2009		CHECKED -	REVISED -		FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT							
		DATE -	REVISED -									

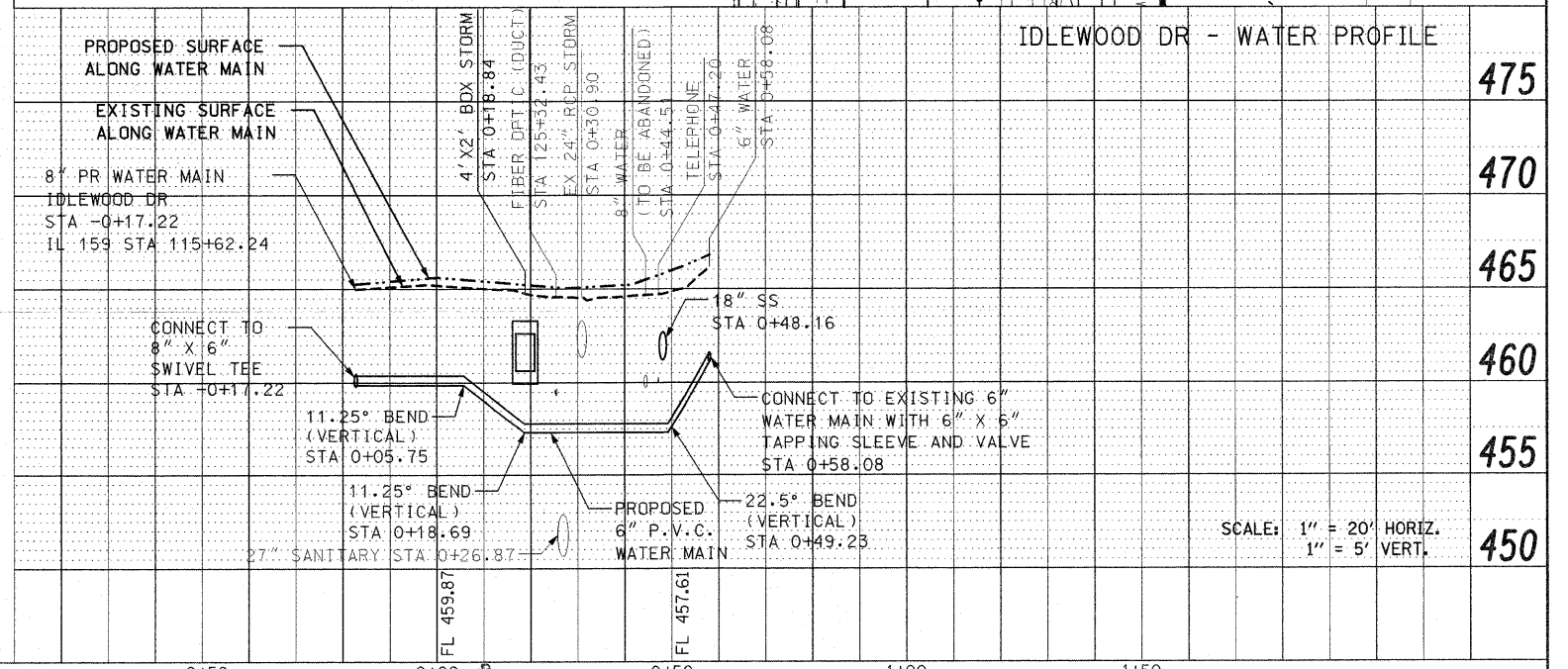
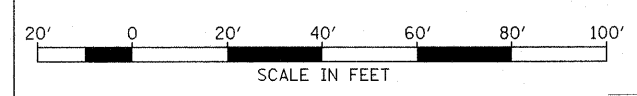
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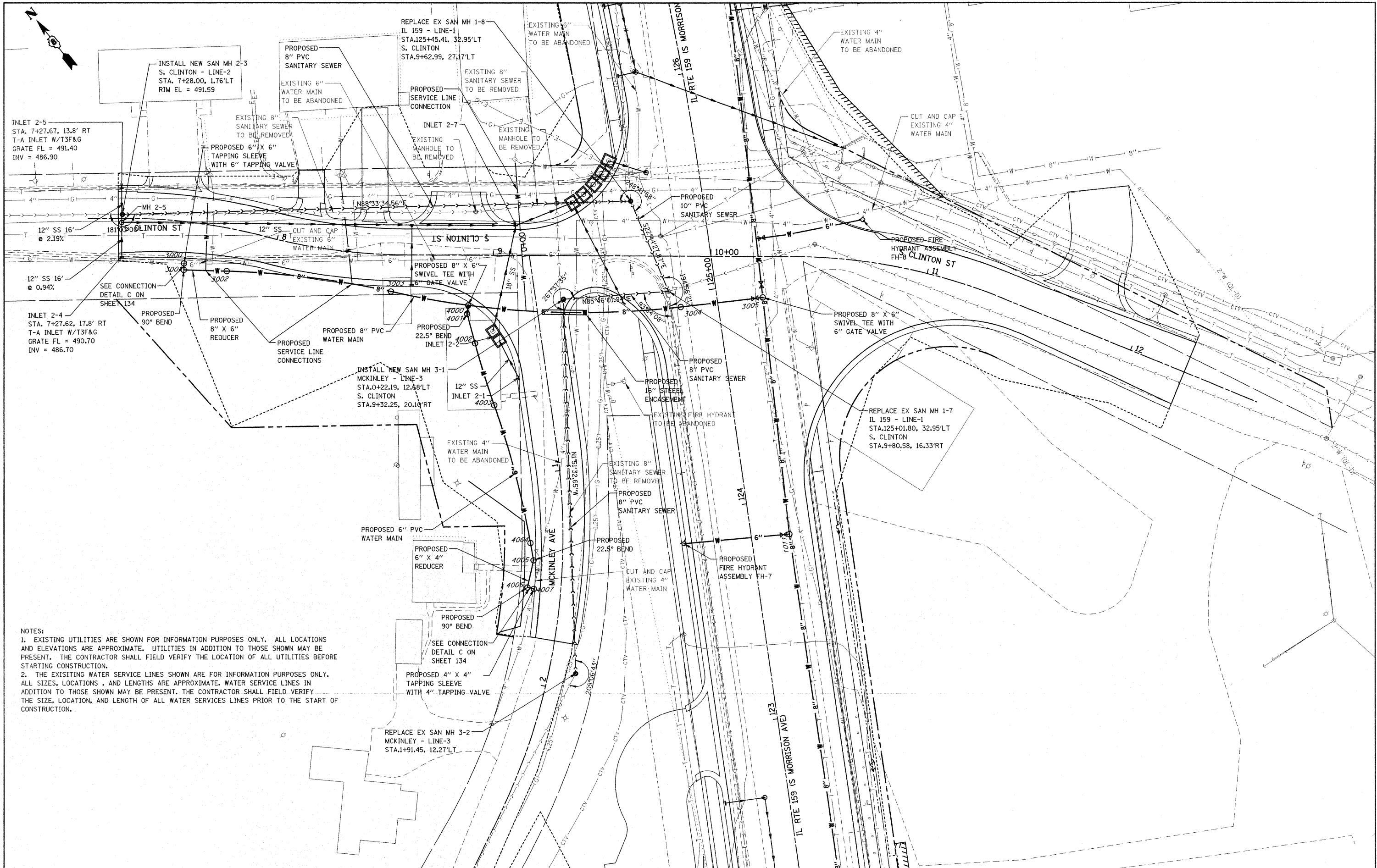
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NOTES:  
1. EXISTING UTILITIES ARE SHOWN FOR INFORMATION PURPOSES ONLY. ALL LOCATIONS AND ELEVATIONS ARE APPROXIMATE. UTILITIES IN ADDITION TO THOSE SHOWN MAY BE PRESENT. THE CONTRACTOR SHALL FIELD VERIFY THE LOCATION OF ALL UTILITIES BEFORE STARTING CONSTRUCTION.  
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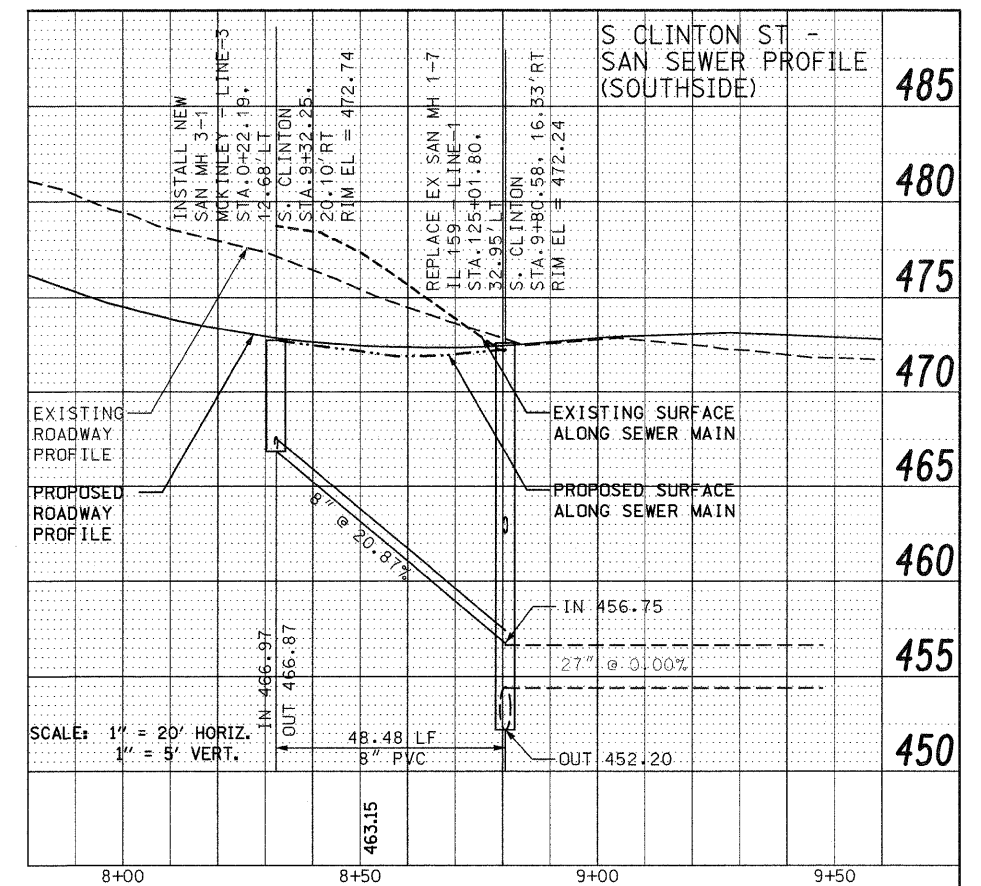
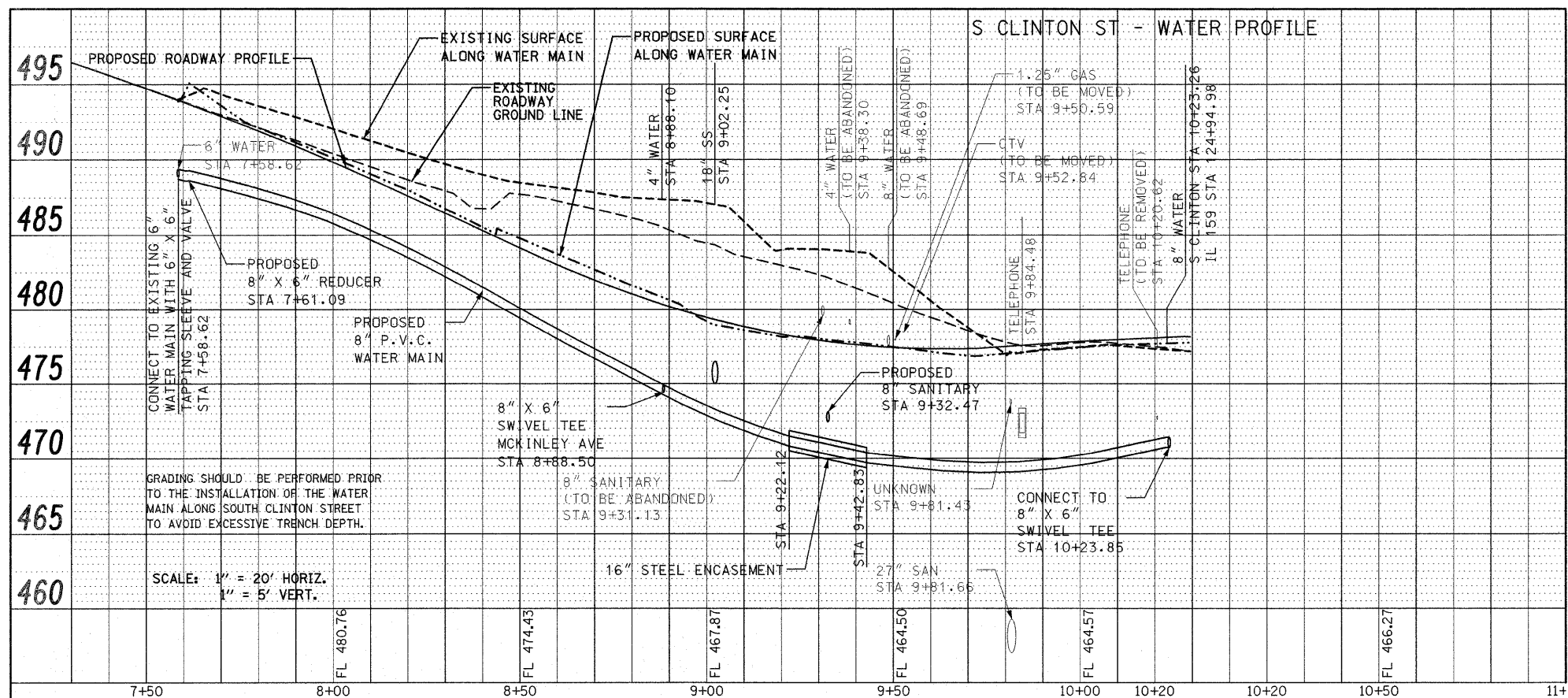
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PLOT SCALE = 28.0000' / IN.	CHECKED -	REVISED -	SCALE: 1" = 20'			SHEET NO. 1 OF 12 SHEETS	STA -0+50.00 TO STA 2+00.00	CONTRACT NO. 76830		
PLOT DATE = 12/17/2009	DATE -	REVISED -	FED. ROAD DIST. NO.			ILLINOIS	FED. AID PROJECT			



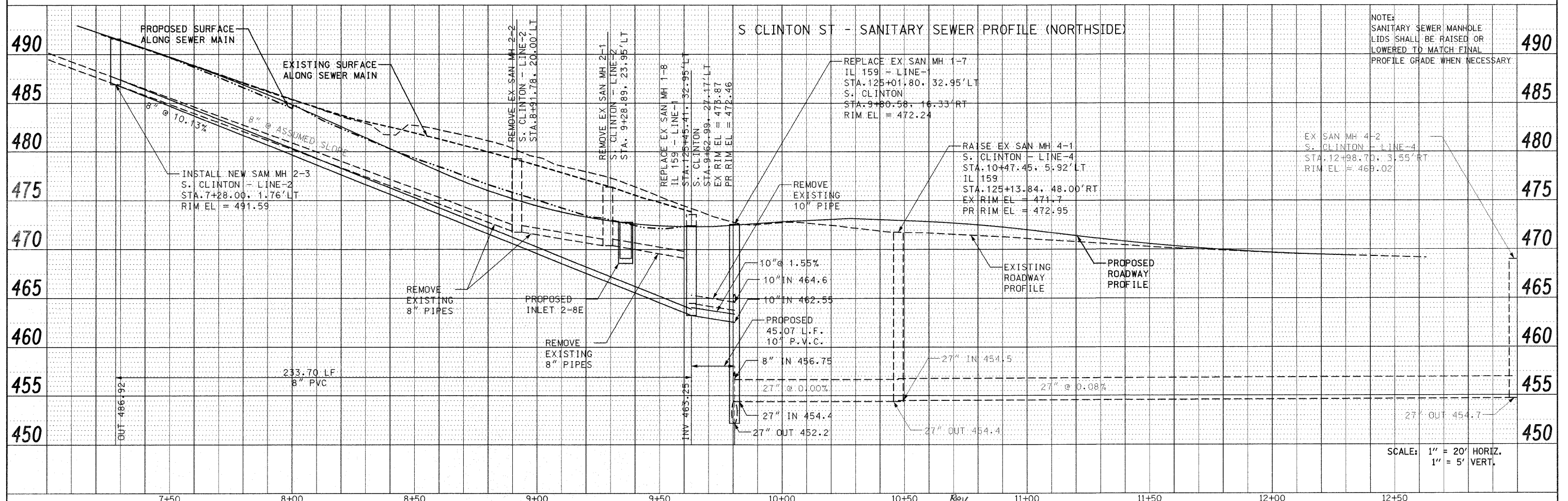
NOTES:  
 1. EXISTING UTILITIES ARE SHOWN FOR INFORMATION PURPOSES ONLY. ALL LOCATIONS AND ELEVATIONS ARE APPROXIMATE. UTILITIES IN ADDITION TO THOSE SHOWN MAY BE PRESENT. THE CONTRACTOR SHALL FIELD VERIFY THE LOCATION OF ALL UTILITIES BEFORE STARTING CONSTRUCTION.  
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FILE NAME =	USER NAME = default	DESIGNED -	REVISED -	<b>STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION</b>	<b>DRAINAGE AND UTILITY SIDE ROAD PLAN S. CLINTON ST. AND MCKINLEY AVE.</b>	F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	
pi:\projects\1513501\cadd\dgn\0876830-shs\dms\side roads.dgn		DRAWN -	REVISED -			600	60-(30,31,128)-1	MADISON/ST. CLAIR	399	123	
PLOT SCALE = 20.0000' / IN.		CHECKED -	REVISED -			CONTRACT NO. 76830					
PLOT DATE = 12/17/2009		DATE -	REVISED -			FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT					
					SCALE: 1" = 20'	SHEET NO. 2 OF 12 SHEETS	STA N/A	TO STA N/A			

PLAN	SURVEYED	DATE
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	NOTE BOOK	
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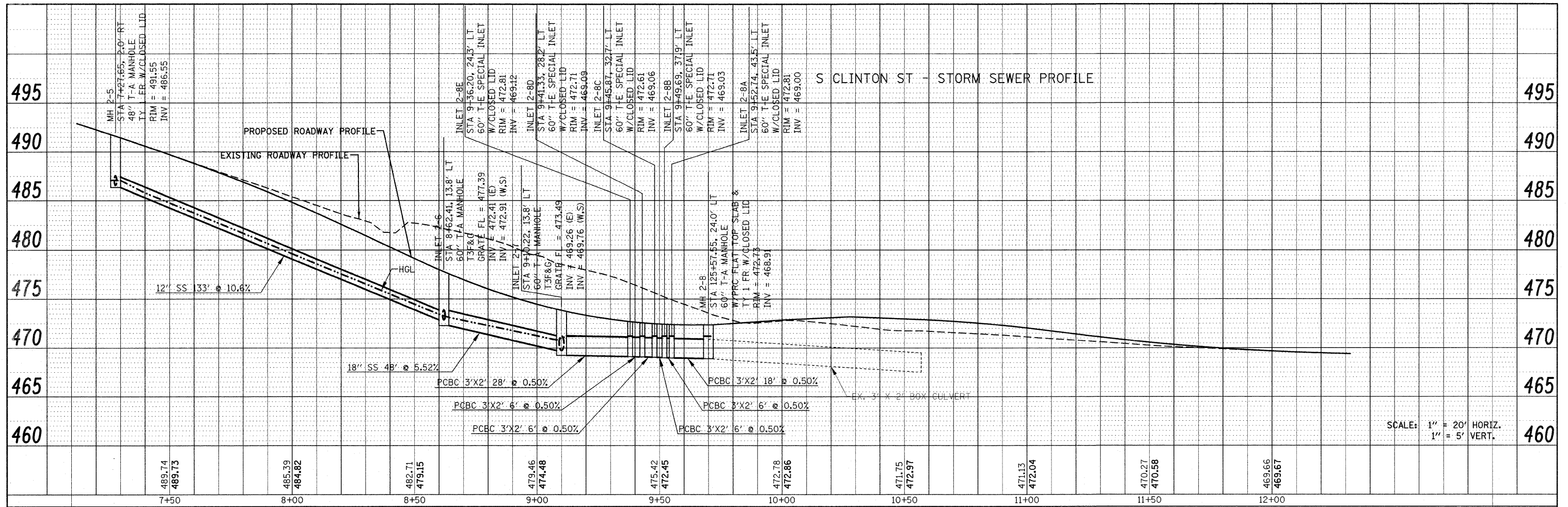


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	PLOTTED	
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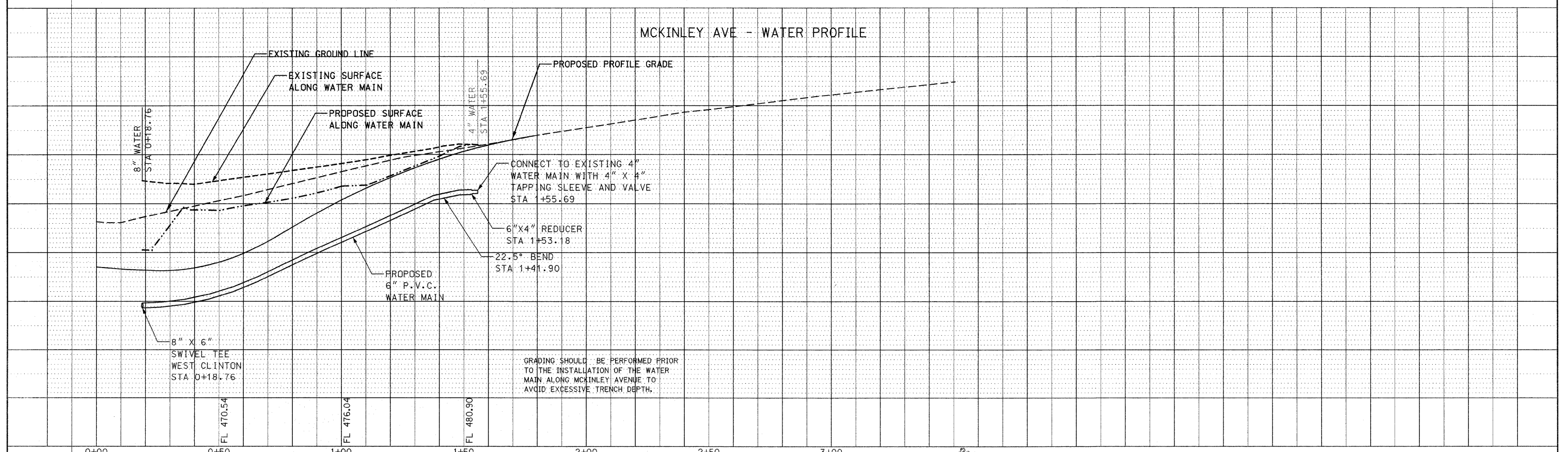




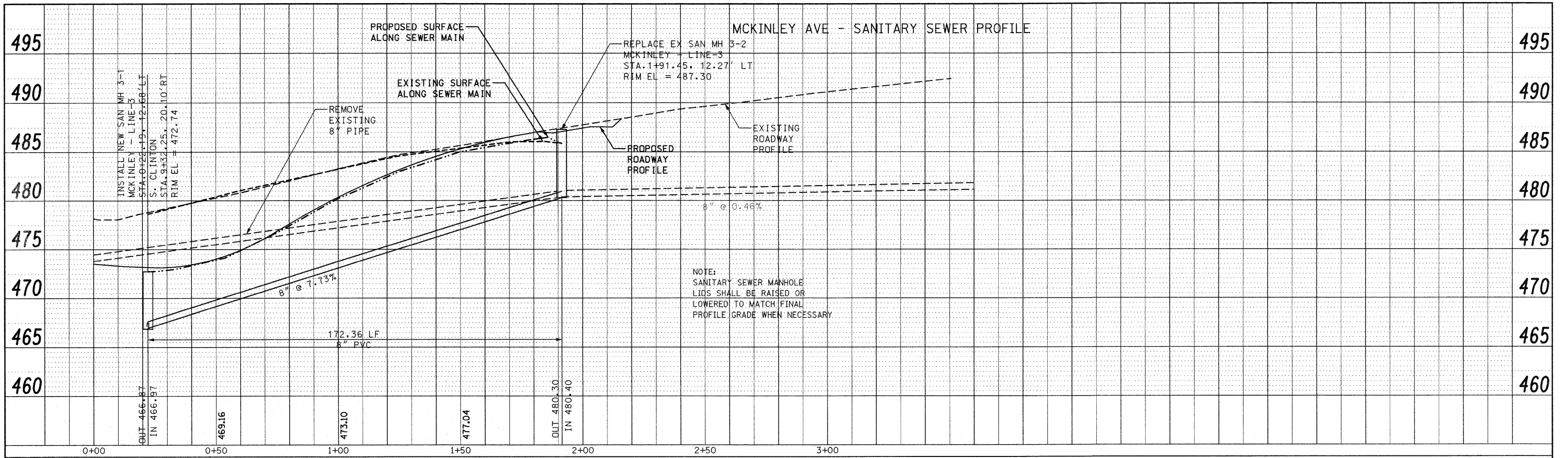
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 RT. OF WAY CHECKED  
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 CAD FILE NAME \_\_\_\_\_



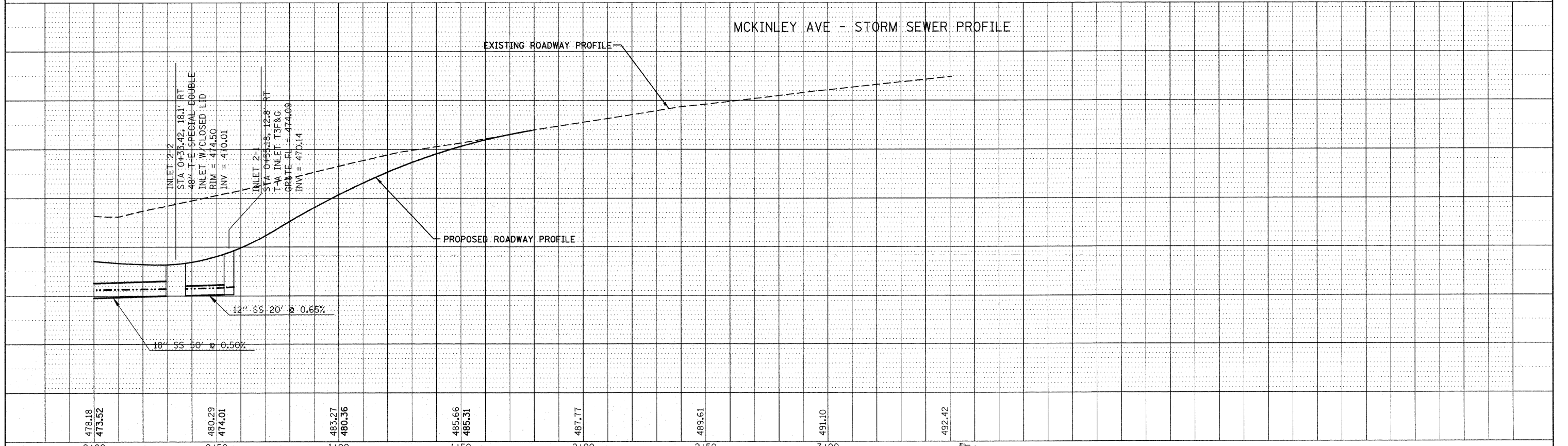
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	CADD FILE NAME	



PROFILE	SURVEYED	DATE
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	CHECKED	
	RT. OF WAY CHECKED	
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	CADD FILE NAME	

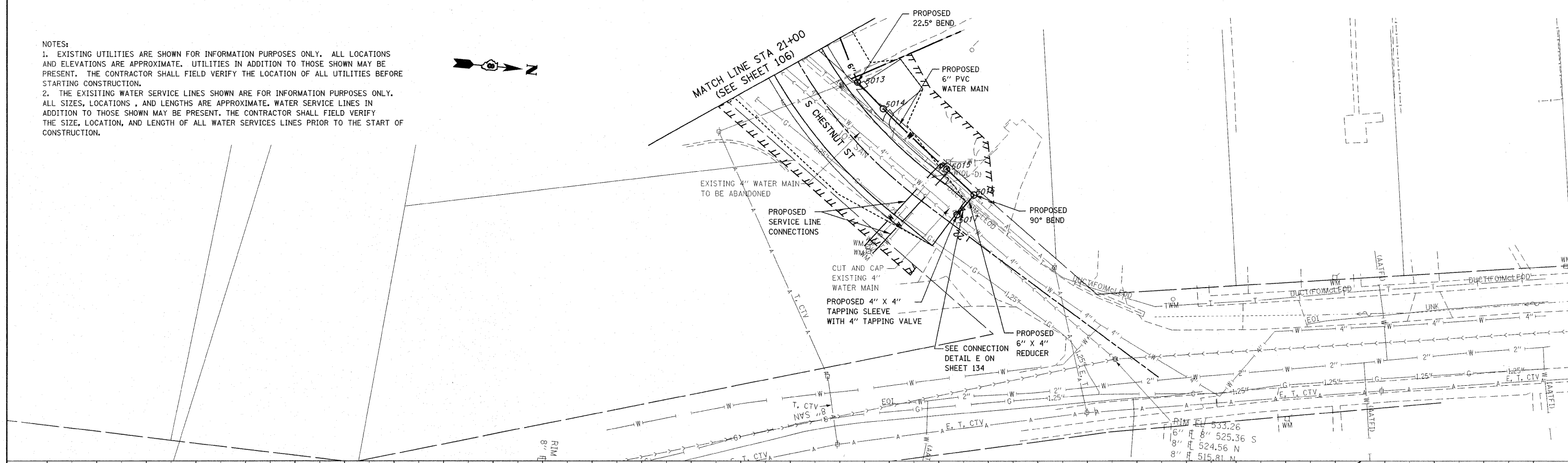


FILE NAME =	USER NAME = default	DESIGNED -	REVISED -	<b>STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION</b>	<b>DRAINAGE AND UTILITY SIDE ROAD PROFILES MCKINLEY AVE.</b>		F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
pi\projects\513501\cadd\vg\0876830-shd-d	sin-sideroads.dgn	DRAWN -	REVISED -		SCALE: 1" = 20'	SHEET NO. 5 OF 12 SHEETS	STA N/A	ILLINOIS	ST. CLAIR	399	126
	PLOT SCALE = 20.0000' / IN.	CHECKED -	REVISED -					CONTRACT NO. 76830			
	PLOT DATE = 12/17/2009	DATE -	REVISED -					FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT	

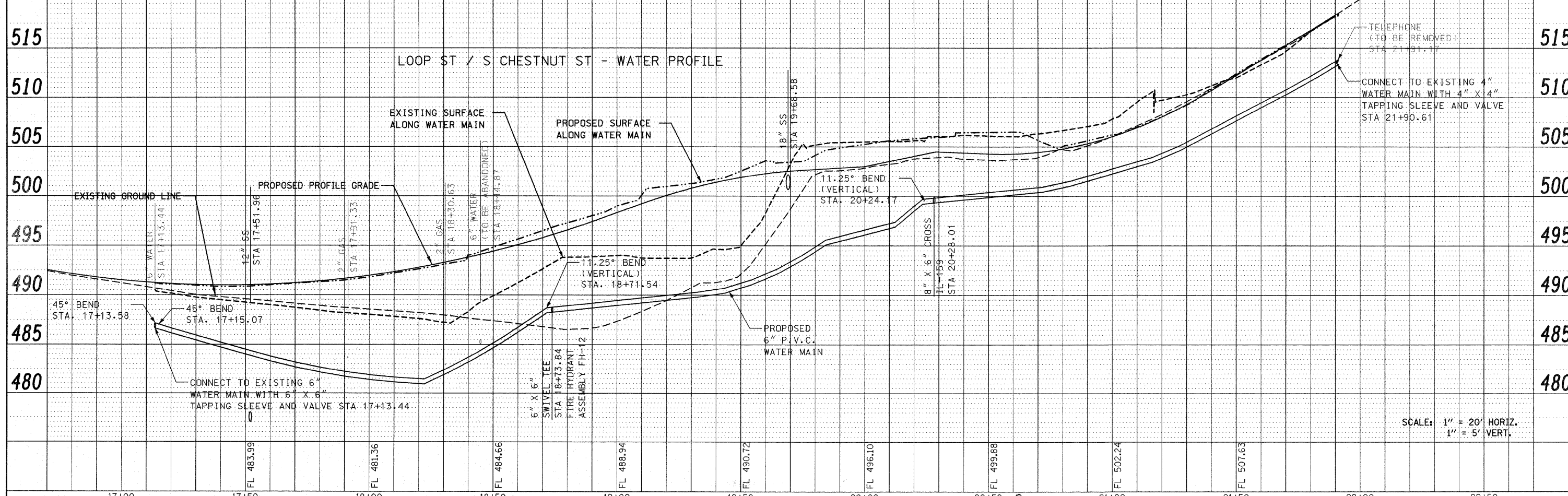
NOTES:  
 1. EXISTING UTILITIES ARE SHOWN FOR INFORMATION PURPOSES ONLY. ALL LOCATIONS AND ELEVATIONS ARE APPROXIMATE. UTILITIES IN ADDITION TO THOSE SHOWN MAY BE PRESENT. THE CONTRACTOR SHALL FIELD VERIFY THE LOCATION OF ALL UTILITIES BEFORE STARTING CONSTRUCTION.  
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PLAN	SURVEYED	DATE
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	NO. OF	
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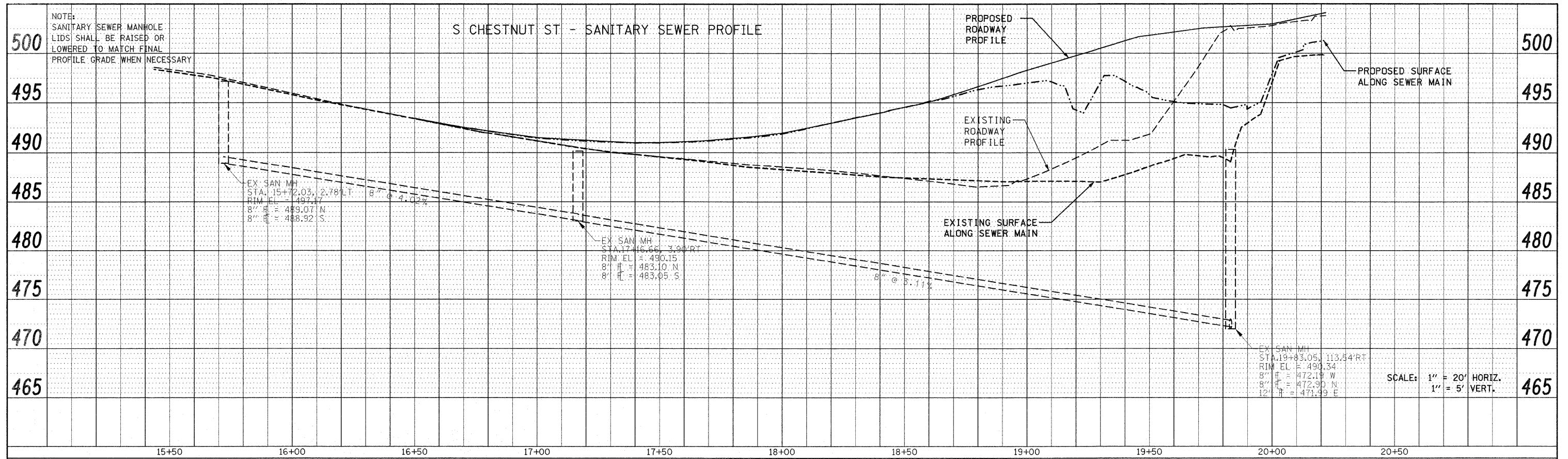
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	PLOTTED	
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	CHRD	
	NO.	



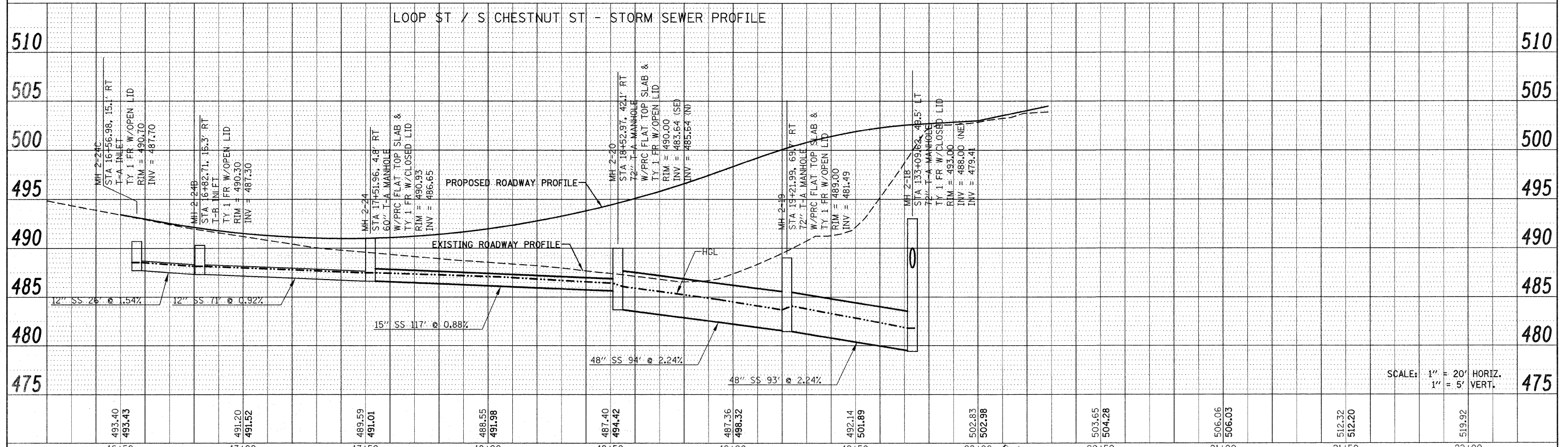
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pi:\projects\519501\cadd\dgn\0876830-shd-d	am-sider.cadd.dgn	DRAWN -	REVISED -		600	60-(30,31,128)-1	MADISON/ST. CLAIR	399	127	CONTRACT NO.	
PLOT SCALE = 20.0000' / IN.		CHECKED -	REVISED -		SCALE: 1" = 20'	SHEET NO. 6 OF 12 SHEETS	STA N/A	TO STA N/A		ILLINOIS FED. AID PROJECT	
PLOT DATE = 12/17/2009		DATE -	REVISED -								

PLAN	SURVEYED	DATE
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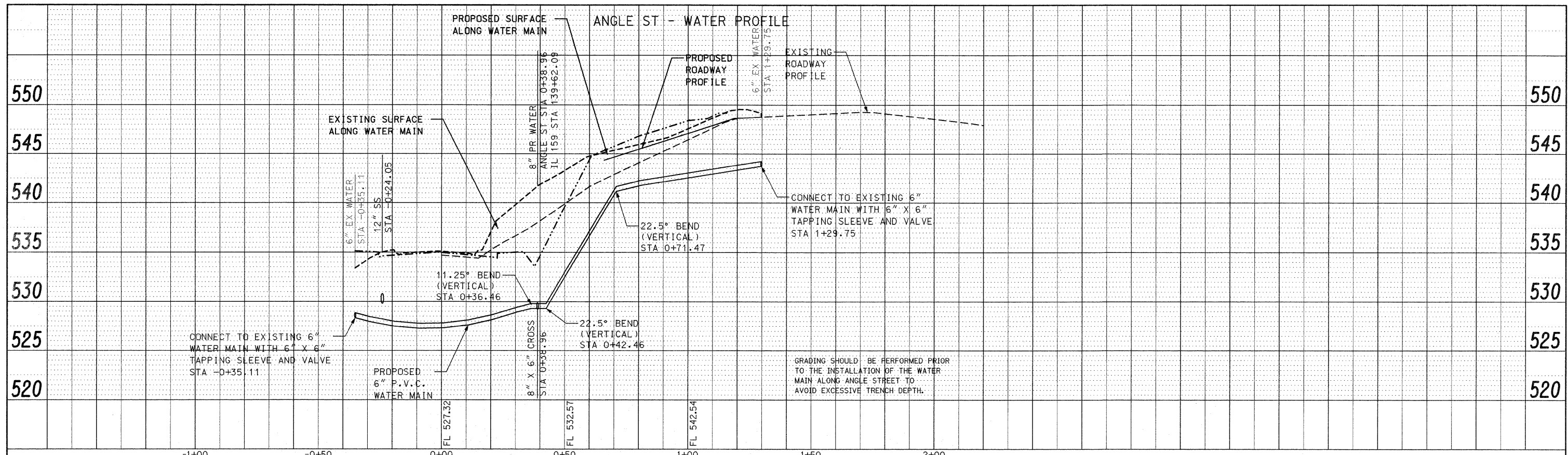


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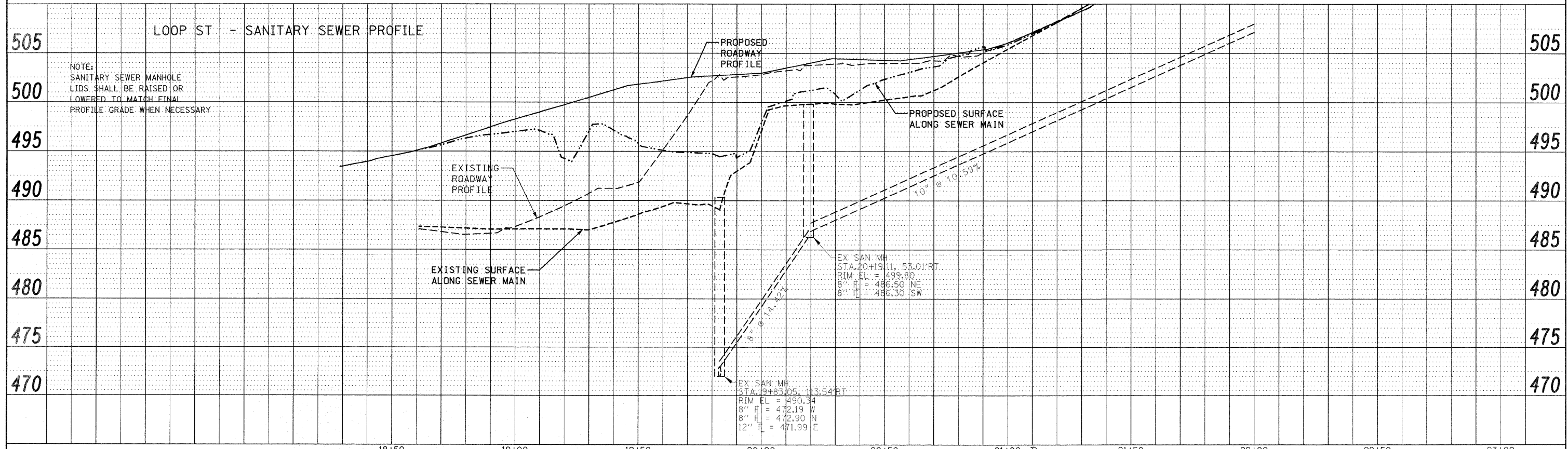


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		CHECKED -	REVISED -		SCALE: 1" = 20'		SHEET NO. 7 OF 12 SHEETS		STA N/A TO STA N/A		CONTRACT NO. 76830	
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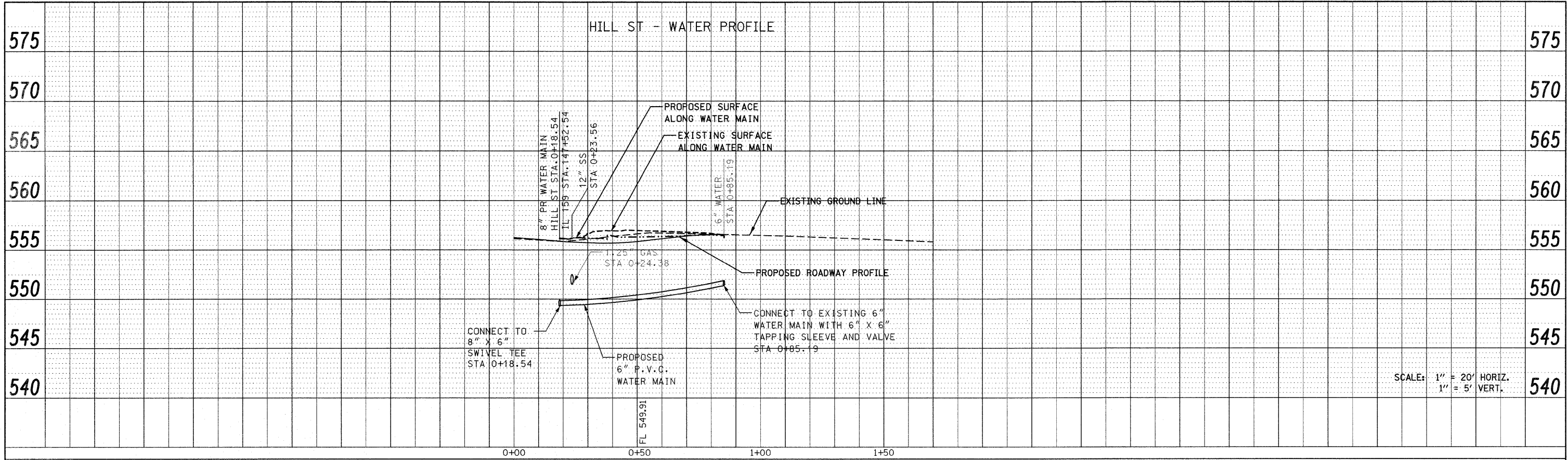
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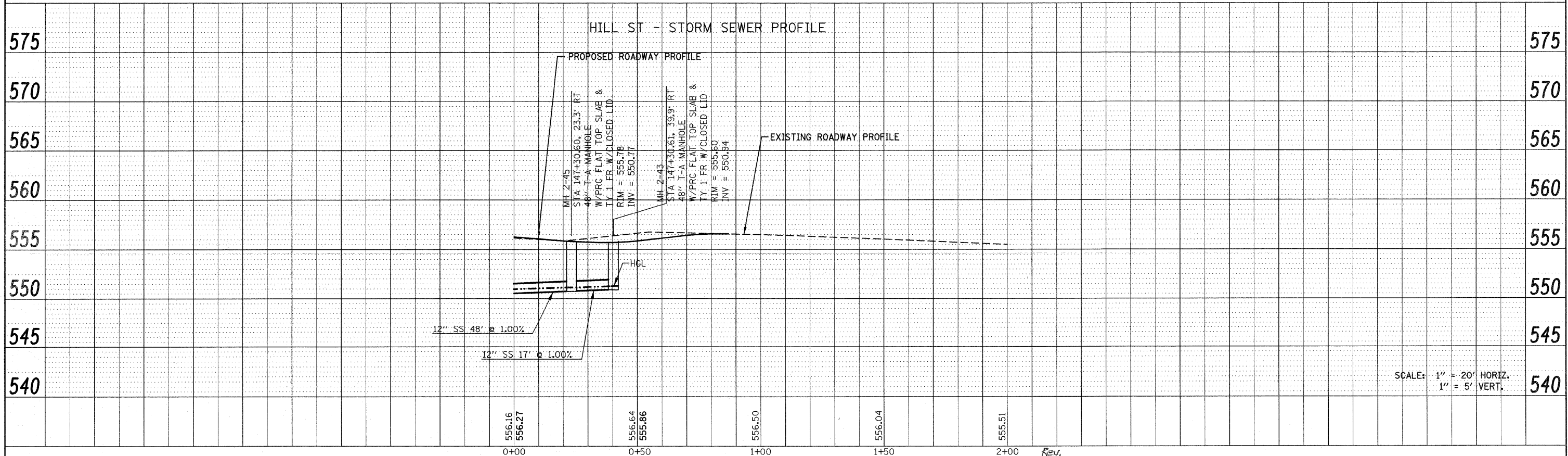
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	REVISION	
	NO. OF MAY CHECKED	
	CADD FILE NAME	
	NO.	



PROFILE	SURVEYED	DATE
	PLOTTED	BY
	CHECKED	
	REVISION	
	STRUCTURE NOTATION	
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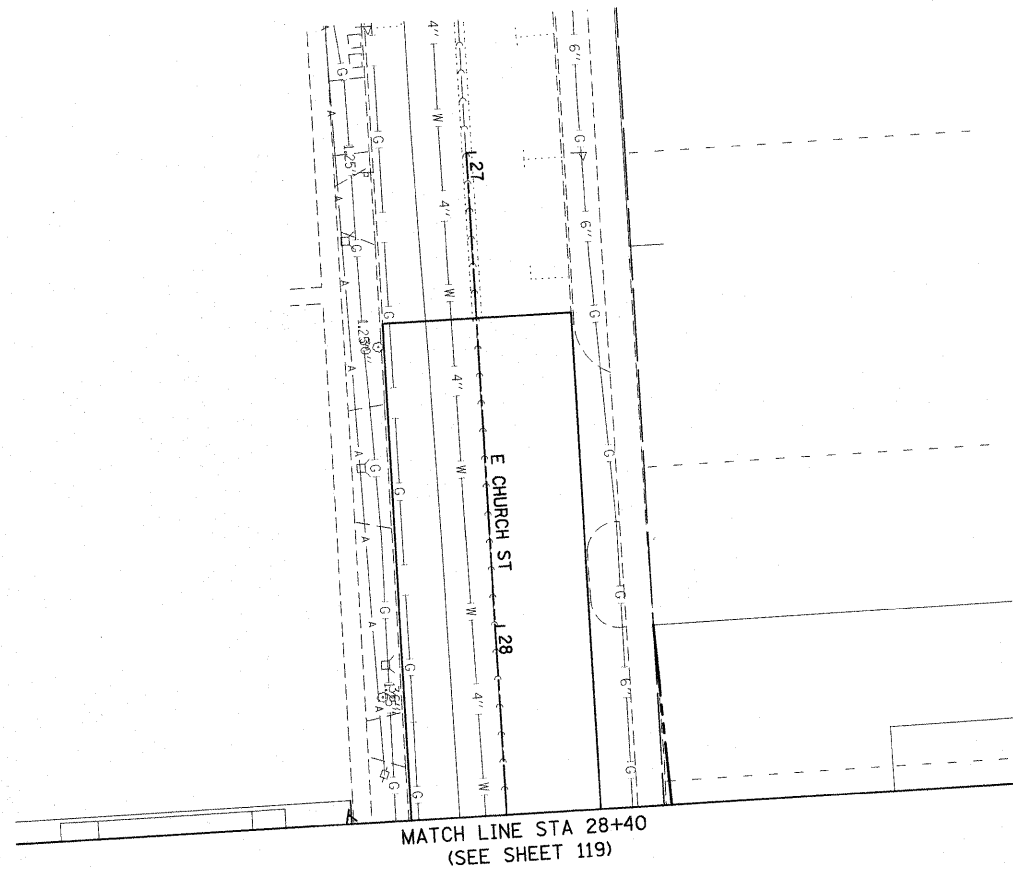


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PLOT SCALE = 20.0000' / IN.		DRAWN -	REVISED -		SCALE: 1" = 20'	SHEET NO. 9 OF 12 SHEETS	STA N/A	TO STA N/A	CONTRACT NO. 76830			
PLOT DATE = 12/17/2009		CHECKED -	REVISED -									
		DATE -	REVISED -									



**NOTES:**

1. 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.
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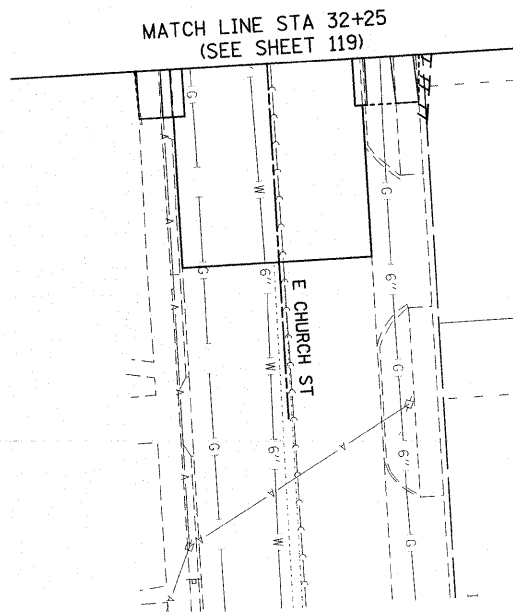


MATCH LINE STA 28+40  
(SEE SHEET 119)



**NOTES:**

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MATCH LINE STA 32+25  
(SEE SHEET 119)

*Rev.*

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

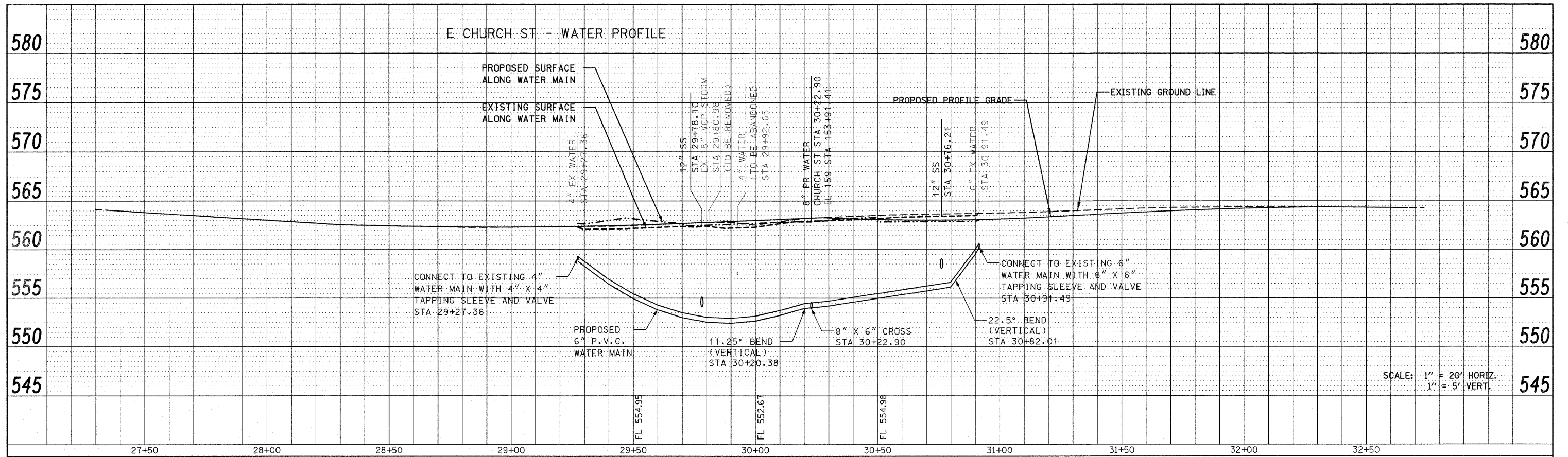
**DRAINAGE AND UTILITY SIDE ROAD PLAN  
E. CHURCH ST.**

SCALE: 1" = 20' SHEET NO. 10 OF 12 SHEETS STA N/A TO STA N/A

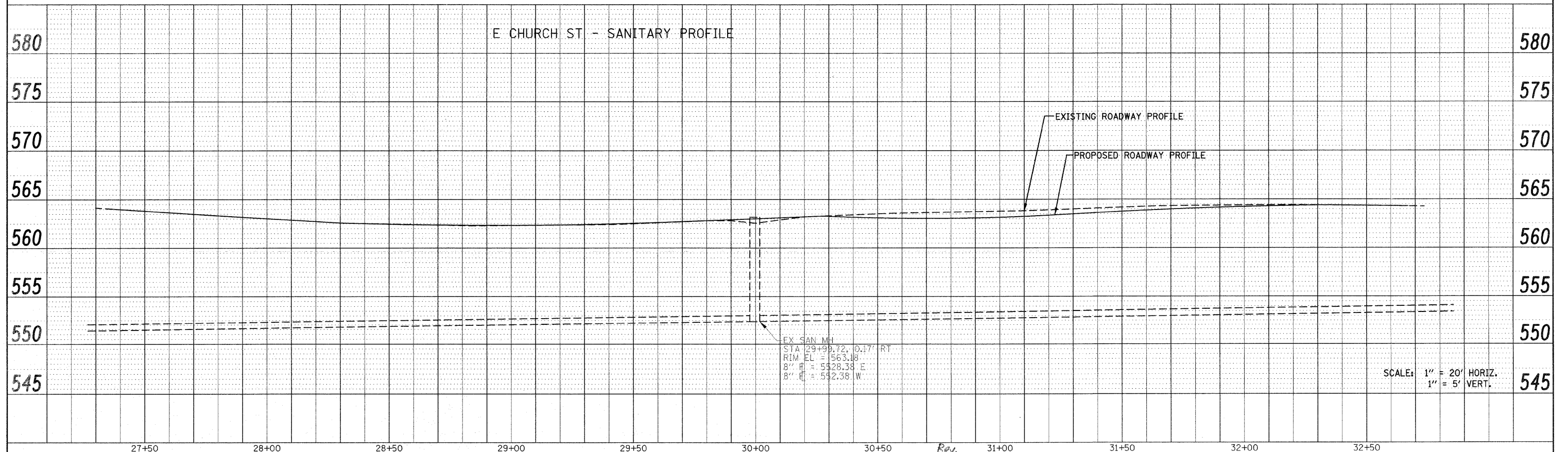
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
600	60-(30,31,128)-1	MADISON/ST. CLAIR	399	131
CONTRACT NO. 76830				
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT				

FILE NAME =	USER NAME = default	DESIGNED -	REVISED -
p:\projects\513581\cadd\dgn\0876830-shr	drain-sideroads.dgn	DRAWN -	REVISED -
	PLOT SCALE = 20.0000' / IN.	CHECKED -	REVISED -
	PLOT DATE = 12/17/2009	DATE -	REVISED -

PLAN	SURVEYED	DATE
	PLOTTED	
	CHECKED	
	BY	
	NO.	
	CADD FILE NAME	



PROFILE	SURVEYED	DATE
	PLOTTED	
	CHECKED	
	BY	
	NO.	
	STRUCTURE NOTATIONS CTRD	

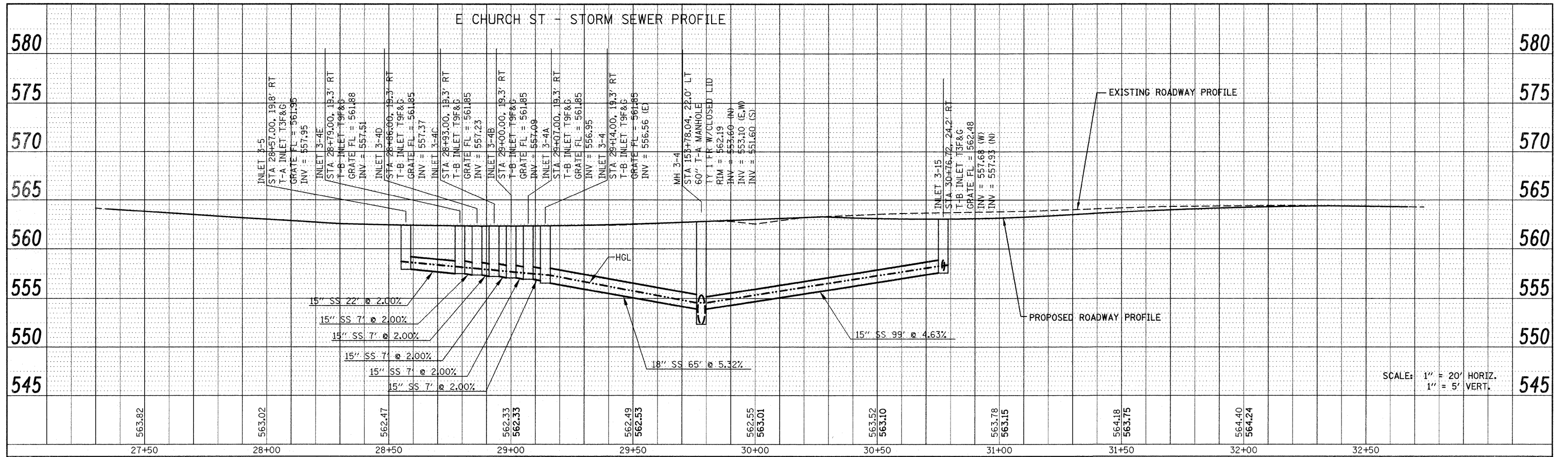


FILE NAME =	USER NAME = default	DESIGNED -	REVISED -	<b>STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION</b>	<b>DRAINAGE AND UTILITY SIDE ROAD PROFILES E. CHURCH ST.</b>		F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	
pa\proj\cts\513501\cadd\vdgn\0876830-sht-d	ain-sideroads.dgn	DRAWN -	REVISED -		SCALE: 1" = 20'	SHEET NO. 11 OF 12 SHEETS	STA N/A	600	60-(30,31,128)-1	MADISON/ST. CLAIR	399	132
	PLOT SCALE = 20.0000' / IN.	CHECKED -	REVISED -					CONTRACT NO. 76830				
	PLOT DATE = 12/17/2009	DATE -	REVISED -					FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT				

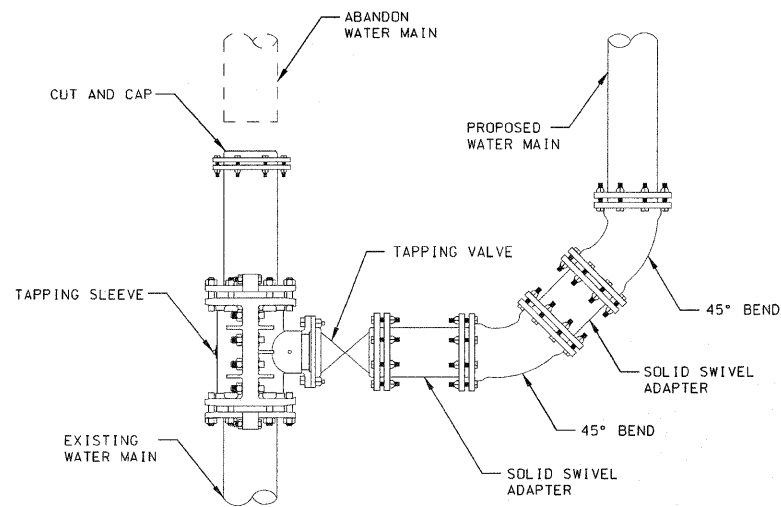


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	PLOTTED		
	CHECKED		
	RT. OF WAY CHECKED		
	NO. _____		
	ADD FILE NAME		

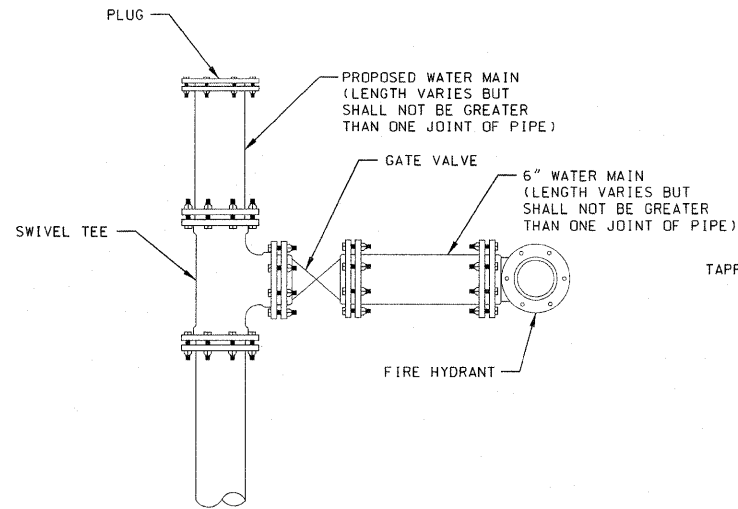
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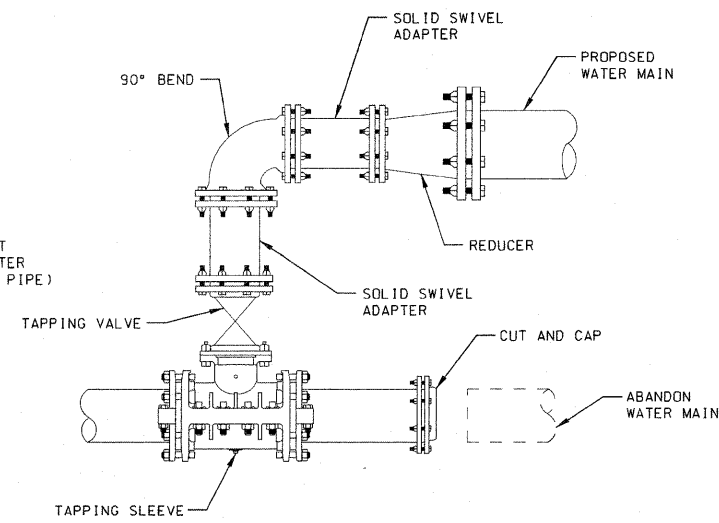
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pi\projects\513501\cadd\dgn\0876830-shd-d	rain-sideroads.dgn	DRAWN -	REVISED -			600	60-(30,31,128)-1	MADISON/ST. CLAIR	399	133	
PLOT SCALE = 20.0000' / IN.		CHECKED -	REVISED -			CONTRACT NO. 76830					
PLOT DATE = 12/17/2009		DATE -	REVISED -			FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT					



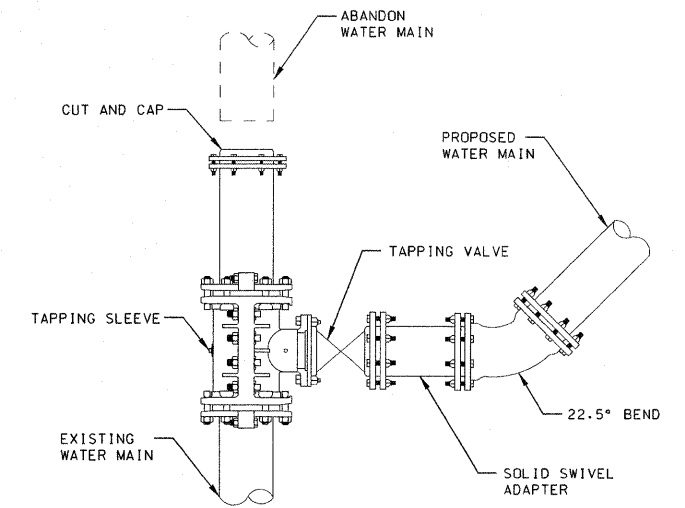
CONNECTION DETAIL A  
NOT TO SCALE



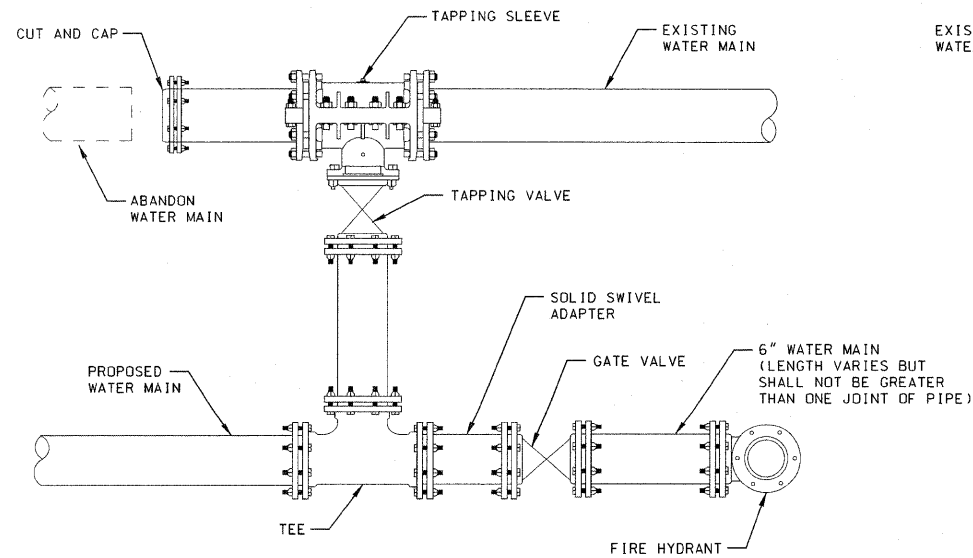
CONNECTION DETAIL B  
NOT TO SCALE



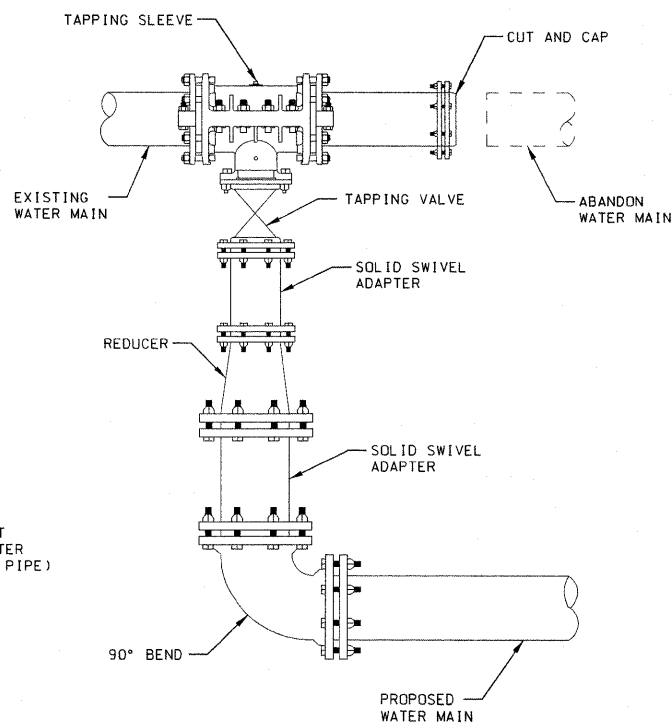
CONNECTION DETAIL C  
NOT TO SCALE



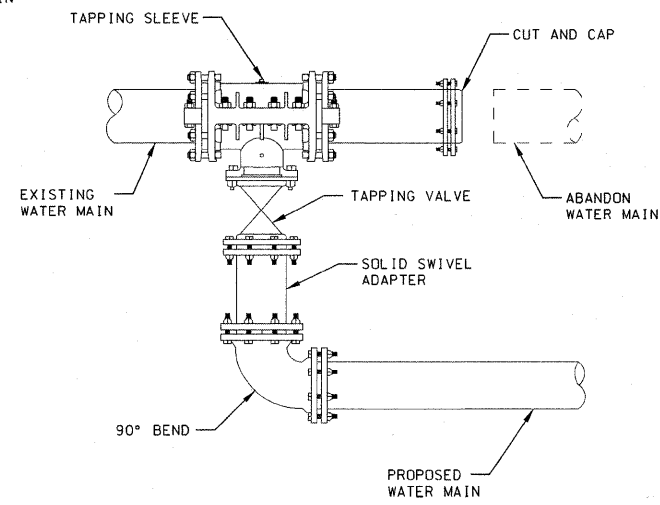
CONNECTION DETAIL H  
NOT TO SCALE



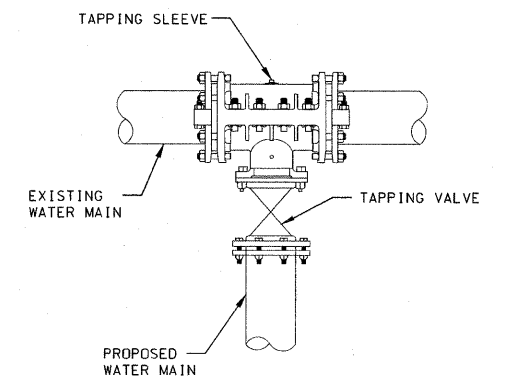
CONNECTION DETAIL D  
NOT TO SCALE



CONNECTION DETAIL E  
NOT TO SCALE



CONNECTION DETAIL F  
NOT TO SCALE



CONNECTION DETAIL G  
NOT TO SCALE

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.

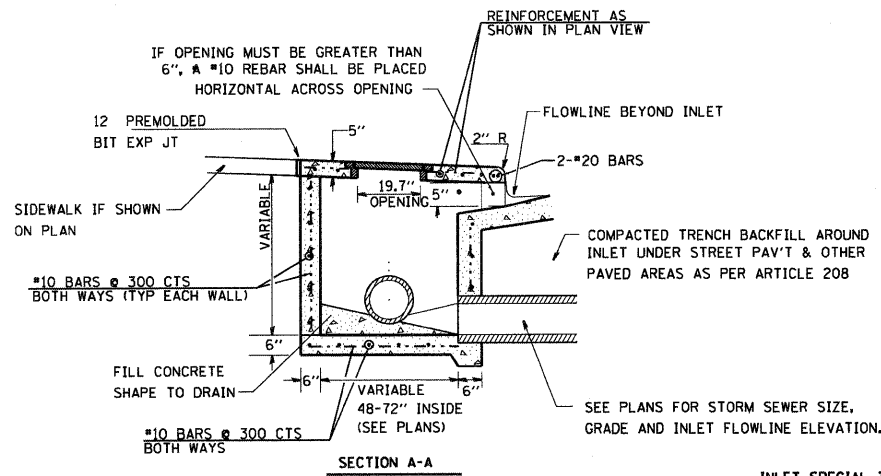
LINE ENDS ARE TO BE CAPPED WITH MECHANICAL JOINT CAP AND A SET SCREW RETAINER GLAND, LESS THAN ONE LENGTH OF PIPE PAST THE GATE VALVE OR TAPPING SLEEVE.

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.

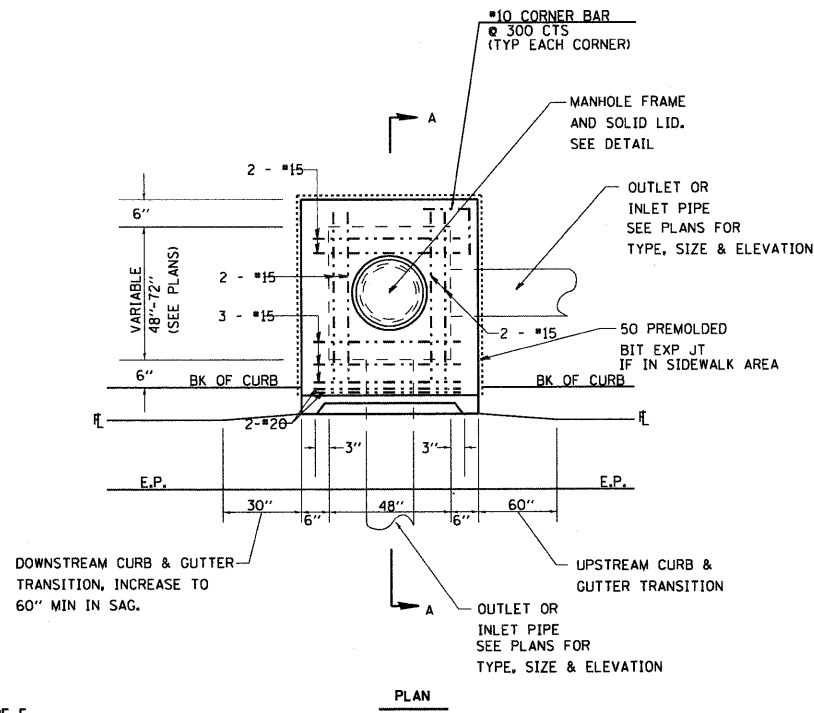
FILE NAME =	USER NAME = #USER#	DESIGNED -	REVISED -	<b>STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION</b>	<b>WATER MAIN CONNECTION DETAILS</b>	F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	
#FILEL#		DRAWN -	REVISED -			600	60-(30,31,128)-1		399	134	
	PLOT SCALE = #SCALE#	CHECKED -	REVISED -			CONTRACT NO. 76830					
	PLOT DATE = #DATE#	DATE -	REVISED -			FED. ROAD DIST. NO. [ILLINOIS] FED. AID PROJECT					
		SCALE:		SHEET NO. 1 OF 4 SHEETS		STA		TO STA			

NOTES:

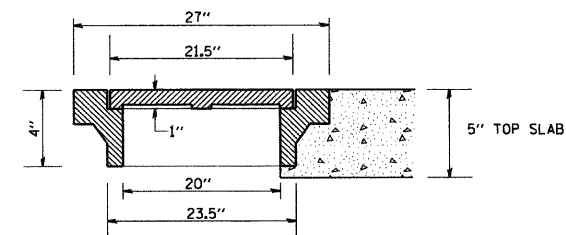
1. THE CONTRACT UNIT PRICE OF EACH FOR INLET, (SPECIAL) TYPE E SHALL INCLUDE ALL LABOR AND MATERIALS NECESSARY TO CONSTRUCT THE INLET IN ACCORDANCE WITH ARTICLE 602 OF THE STANDARD SPECIFICATIONS AND AS SHOWN HEREIN.
2. CLASS SI CONCRETE SHALL BE USED THROUGHOUT.
3. THE FRONT EDGE OF THE TOP SLAB SHALL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



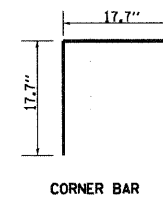
INLET SPECIAL TYPE E



PLAN

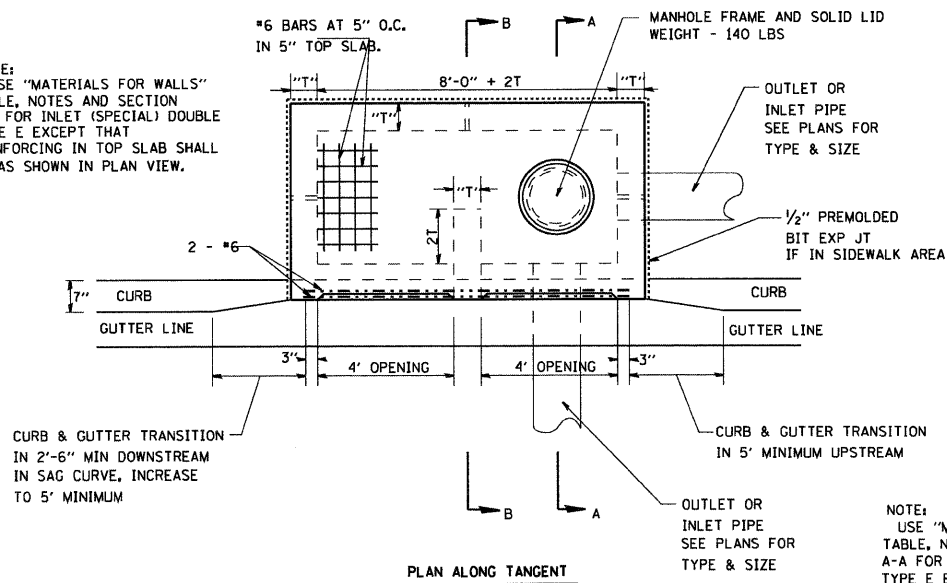


TYPICAL DETAIL OF  
MANHOLE FRAME AND SOLID LID  
NEENAH R-6020 OR APPROVED EQUAL



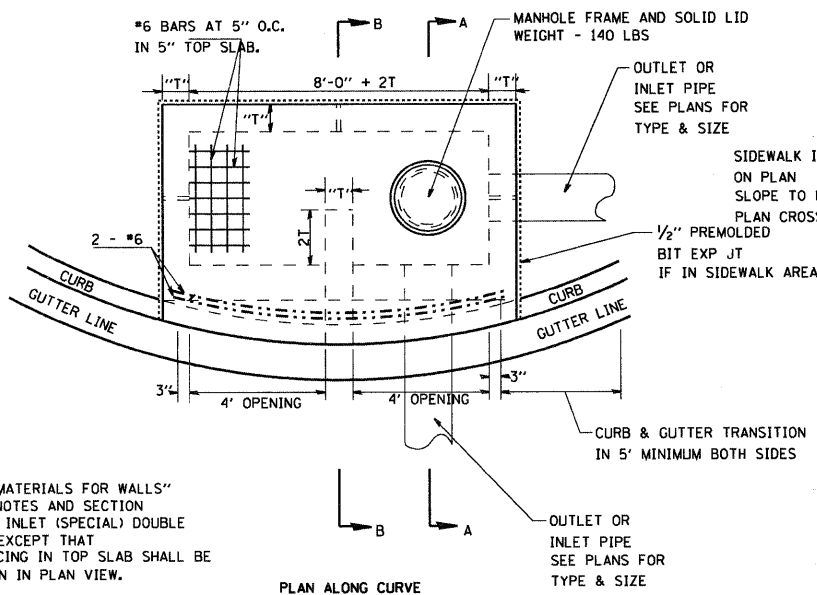
CORNER BAR

NOTE:  
USE "MATERIALS FOR WALLS"  
TABLE, NOTES AND SECTION  
A-A FOR INLET (SPECIAL) DOUBLE  
TYPE E EXCEPT THAT  
REINFORCING IN TOP SLAB SHALL  
BE AS SHOWN IN PLAN VIEW.

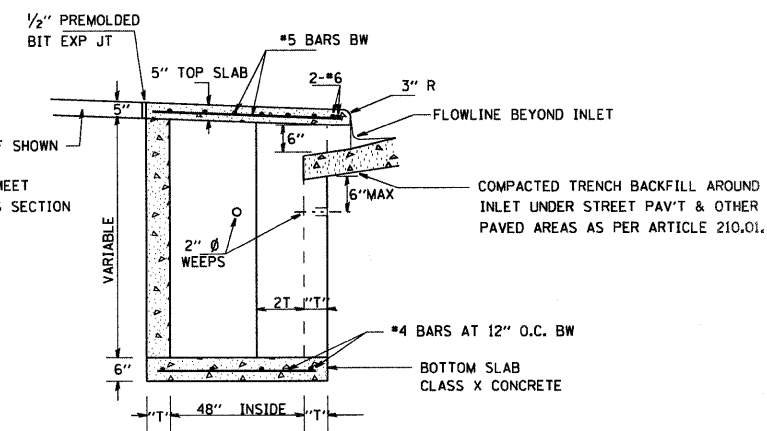


PLAN ALONG TANGENT

NOTE:  
USE "MATERIALS FOR WALLS"  
TABLE, NOTES AND SECTION  
A-A FOR INLET (SPECIAL) DOUBLE  
TYPE E EXCEPT THAT  
REINFORCING IN TOP SLAB SHALL BE  
AS SHOWN IN PLAN VIEW.



PLAN ALONG CURVE



SECTION B-B

4. BRICKS, CONCRETE BLOCKS AND REINFORCED CONCRETE BLOCKS TO BE LAID IN FULL MORTAR BEDS WITH FLUSH JOINTS.
5. WHEN CONSTRUCTED OF MONOLITHIC CONCRETE, USE #4 REINFORCING BARS SPACED AT 12" CENTERS BOTH WAYS IN FLOOR SLAB AND WALLS.
6. FOR SECTION A-A, SEE ABOVE

INLET SPECIAL DOUBLE TYPE E

FILE NAME =	USER NAME = default	DESIGNED -	REVISED -
pa\projects\513581\cadd\dgn\0876838-sh1	drawn-details.dgn	DRAWN -	REVISED -
PLOT SCALE = 20.0000' / IN.	CHECKED -	REVISED -	REVISED -
PLOT DATE = 8/25/2009	DATE -	REVISED -	REVISED -

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

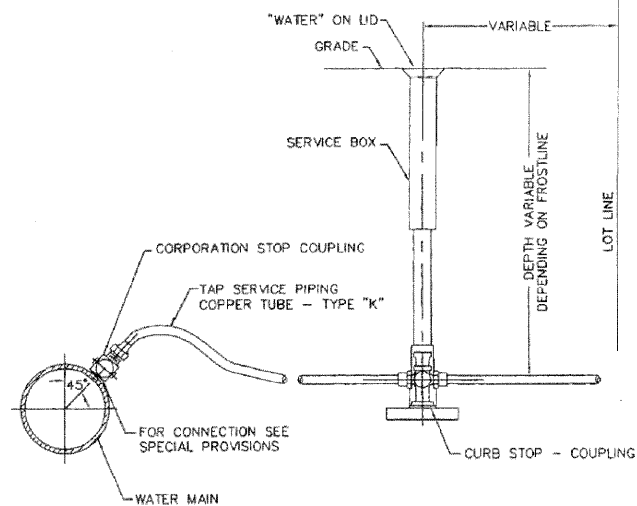
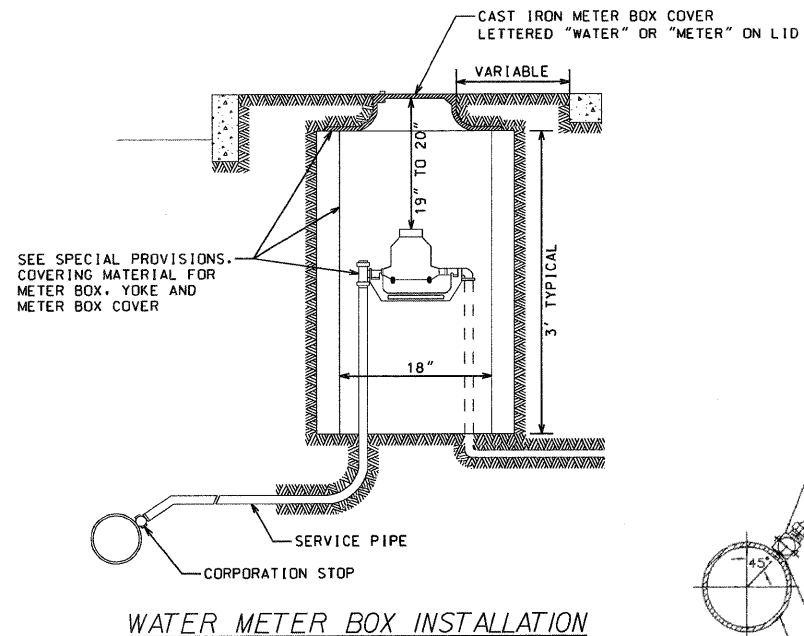
SPECIAL INLET TYPE E DETAILS

SCALE: SHEET NO. 2 OF 4 SHEETS STA. TO STA.

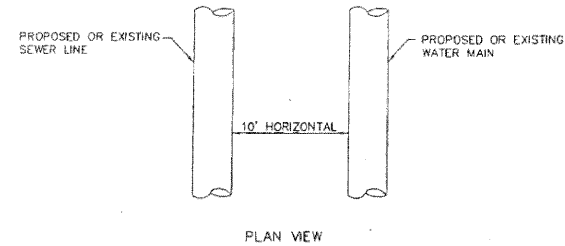
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
600	60-(30,31,128)-1	MADISON/ST. CLAIR	399	135
CONTRACT NO. 76830				
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT				

# DETAIL SHEET

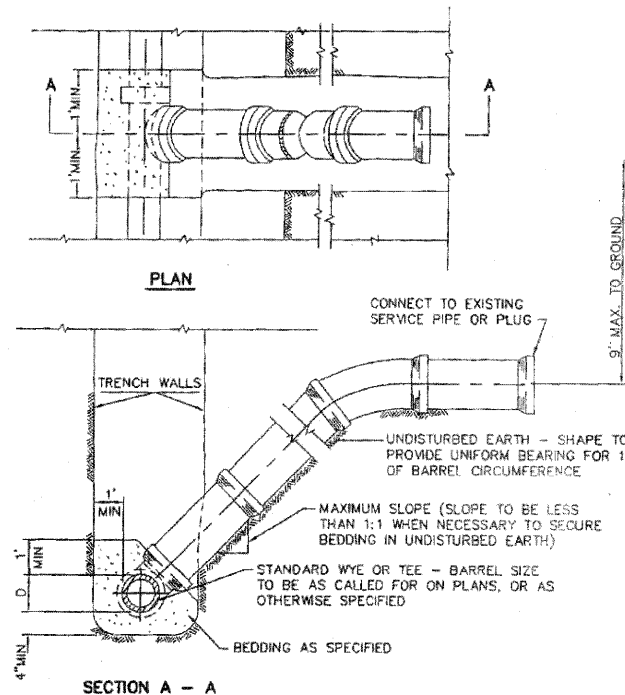
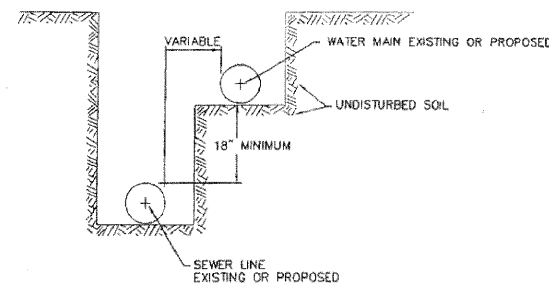
NOT TO SCALE



WHEN PROPOSED SEWER (OR WATER) IS LOCATED 10 FEET OR MORE FROM EXISTING WATER (OR SEWER), NO SPECIAL CONSTRUCTION REQUIRED. SEE SECTION 41-2.01B (1)



WHEN PROPOSED SEWER (OR WATER) IS LOCATED LESS THAN 10 FEET FROM EXISTING WATER (OR SEWER), DETAILS BELOW SHALL APPLY. SEE SECTION 41-2.01B (2)



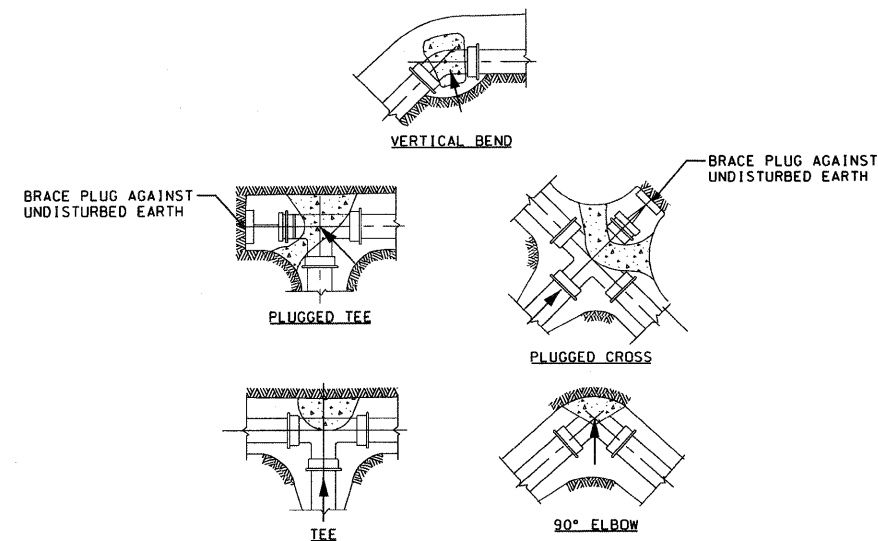
NOTE: WHERE SERVICE LINE IS BELOW FORCE MAIN, CONNECTION IS MADE ABOVE NORMAL FLOW OF MAIN SEWER.

NOTE: RISERS TO BE CONSTRUCTED IN LIEU OF WYES WHERE SEWER DEPTH EXCEEDS 12'-0". FOR PIPE MATERIAL AND CONCRETE SEE SPECIFICATIONS.

**TYPICAL RISER FOR SERVICE LATERAL**

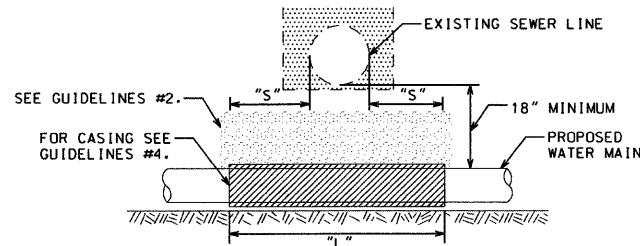
PROPOSED WATER MAIN BELOW EXISTING SEWER LINE WITH 18" MINIMUM VERTICAL SEPARATION.

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**

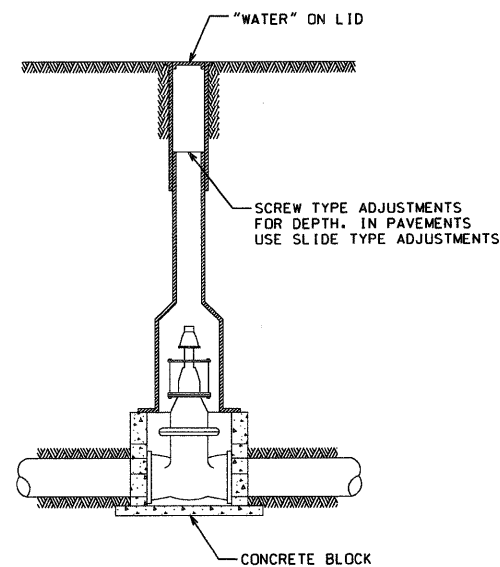


NOTE: "S" THE LENGTH NECESSARY TO PROVIDE 10 FEET OF SEPARATION AND MEASURED PERPENDICULAR TO EXISTING SEWER LINE.

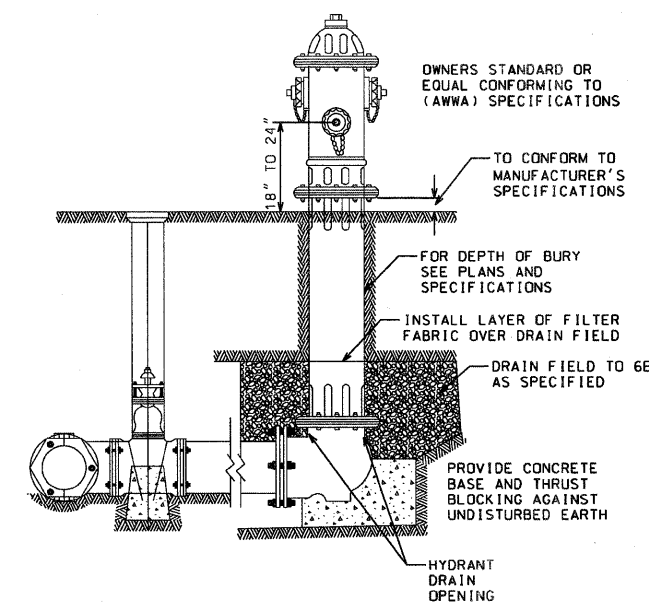
**GUIDELINES**

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:

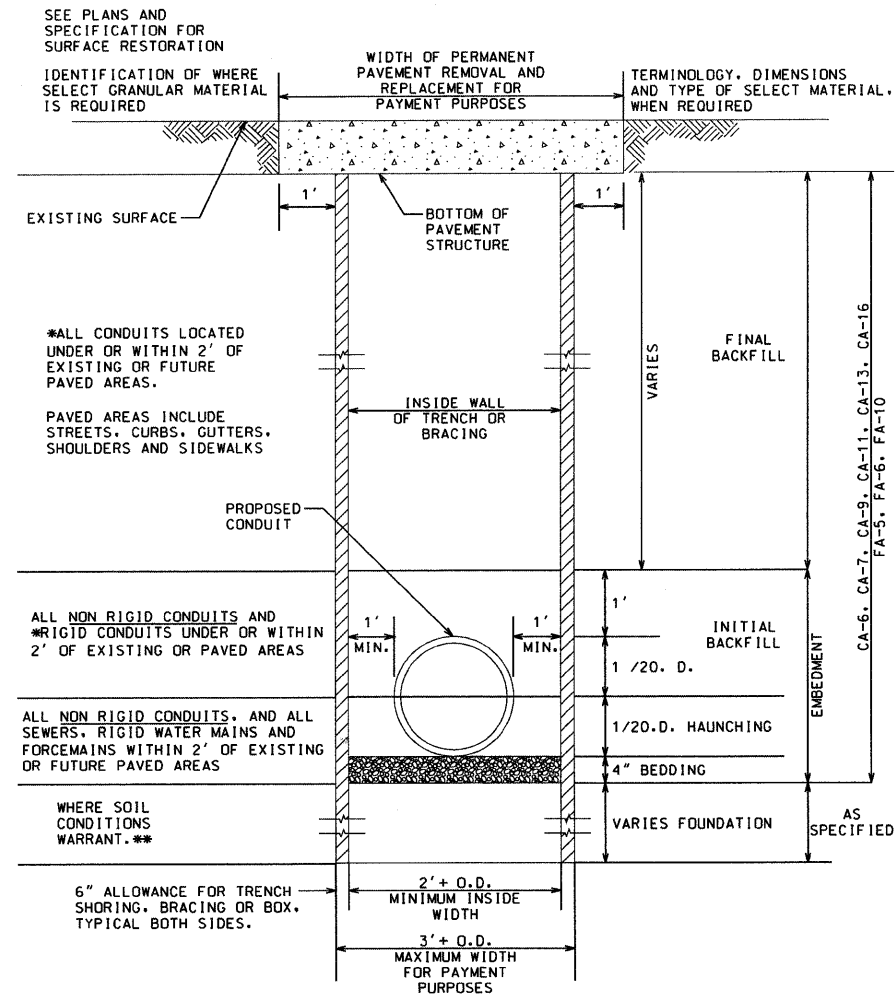
1. CONCRETE BASE AND BLOCKING MATERIAL SHALL NOT BLOCK NOR OBSTRUCT HYDRANT DRAIN AS SHOWN IN AWWA MANUAL M 17

**FIRE HYDRANT ASSEMBLY**

FILE NAME =	USER NAME = default	DESIGNED -	REVISED -	<b>STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION</b>	<b>UTILITY RELOCATION DETAILS</b>			F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
pr\projects\513581\cadd\dgn\0876838-sh	dra-m-details.dgn	DRAWN -	REVISED -					600	60-(30,31,128)-1	MADISON/ST. CLAIR	399	136
	PLOT SCALE = 28,0000 ' / IN.	CHECKED -	REVISED -					SCALE: SHEET NO. 3 OF 4 SHEETS STA. TO STA.			CONTRACT NO. 76830	
	PLOT DATE = 8/25/2009	DATE -	REVISED -					FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT				

# DETAIL SHEET

NOT TO SCALE

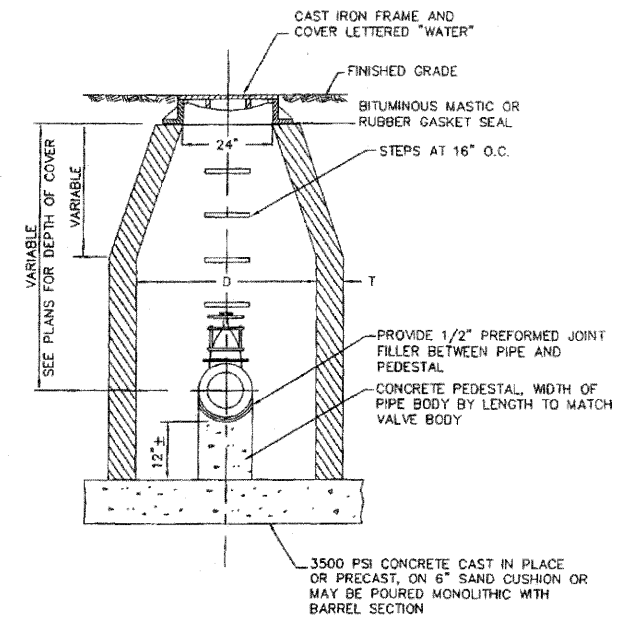


\*INDICATES ELIGIBLE FOR PAYMENT AS SELECT GRANULAR BACKFILL OTHERWISE INCIDENTAL TO THE PIPE.  
 \*\*INDICATES ELIGIBLE FOR PAYMENT AS SELECT FOUNDATION MATERIAL.  
 NON RIGID CONDUITS ARE DEFINED AS FLEXIBLE THERMOPLASTIC PIPE AND/OR CORRUGATED METAL PIPE.

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

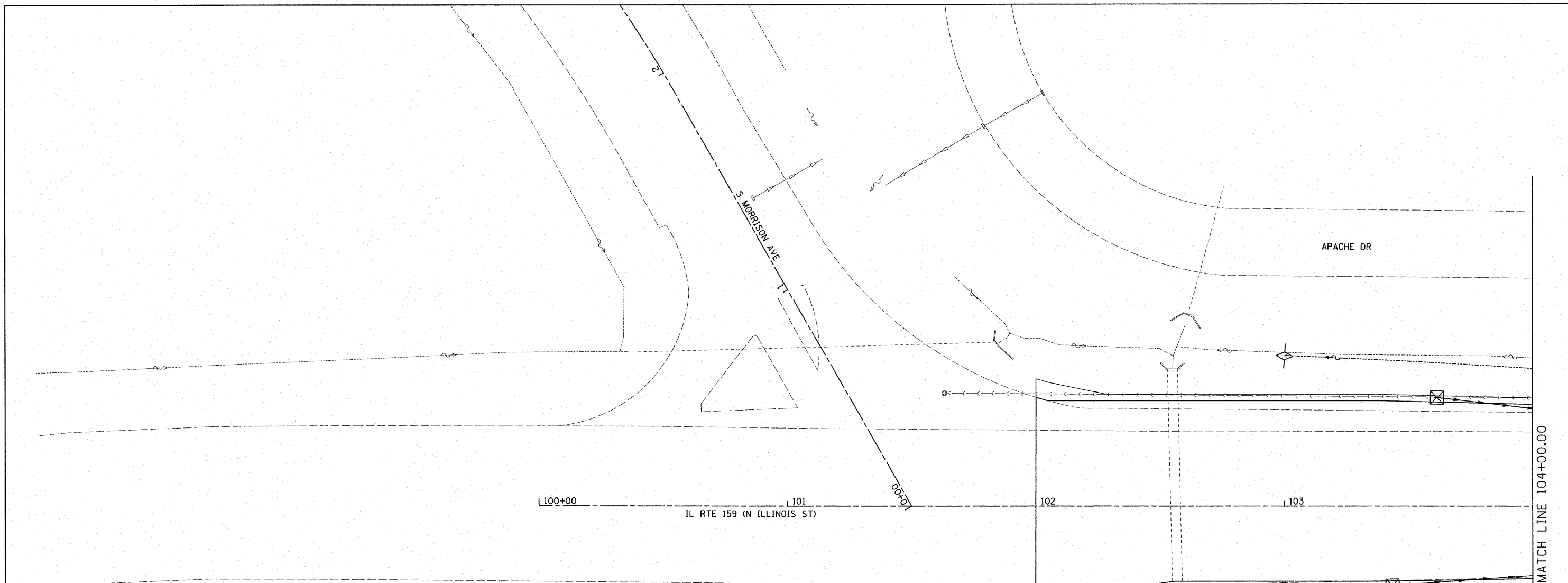
MATERIAL WALL THICKNESS (T)  
 PRECAST CONC. - MIN. 1/12 "D"  
 CAST-IN-PLACE CONC. MIN. 6"



NOTE: VALVE VAULT DIA. SHALL BE 48" FOR 8" AND SMALLER VALVES AND 60" FOR 10" AND LARGER VALVES.  
 D = DIAMETER OF MANHOLE

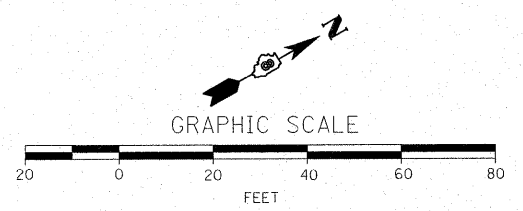
TYPICAL VALVE VAULT DETAIL

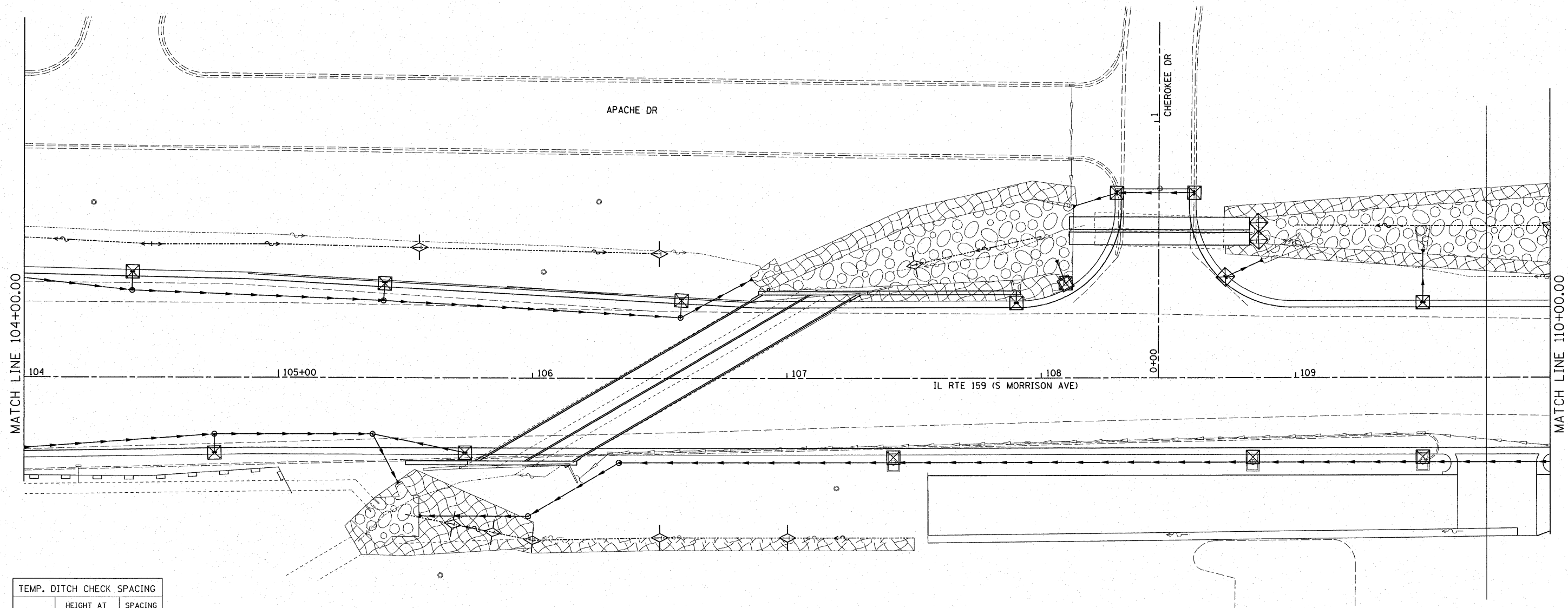
FILE NAME =	USER NAME = default	DESIGNED -	REVISED -	<b>STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION</b>	<b>UTILITY RELOCATION DETAILS</b>	F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	
pr\projects\513501\cadd\dgn\0876830-shd	drawn=details.dgn	DRAWN -	REVISED -			600	60-(30,31,128)-1	MADISON/ST. CLAIR	399	137	
	PLOT SCALE = 20,0000 ' / IN.	CHECKED -	REVISED -			CONTRACT NO. 76830					
	PLOT DATE = 8/25/2009	DATE -	REVISED -			FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT					
					SCALE:	SHEET NO. 4 OF 4 SHEETS		STA.	TO STA.		



TEMP. DITCH CHECK SPACING		
SLOPE (%)	HEIGHT AT CENTER OF DITCH CHECK (OVERFLOW PT) (INCHES)	SPACING OF DITCH CHECK (FEET)
8.0	12"	10
	18"	20
	24"	25
7.0	12"	15
	18"	20
	24"	30
6.0	12"	15
	18"	25
	24"	35
5.0	12"	20
	18"	30
	24"	40
4.0	12"	25
	18"	35
	24"	50
3.0	12"	35
	18"	50
	24"	65
2.0	12"	50
	18"	75
	24"	100
1.0 & UNDER	12"	100
	18"	150
	24"	195

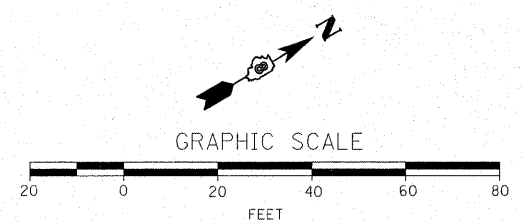
- EROSION CONTROL KEY**
- INLET AND PIPE PROTECTION
  - PERIMETER EROSION BARRIER
  - TEMPORARY DITCH CHECK
  - EROSION CONTROL BLANKET
  - RIP-RAP (CLASS INDICATED IN SCHEDULE)



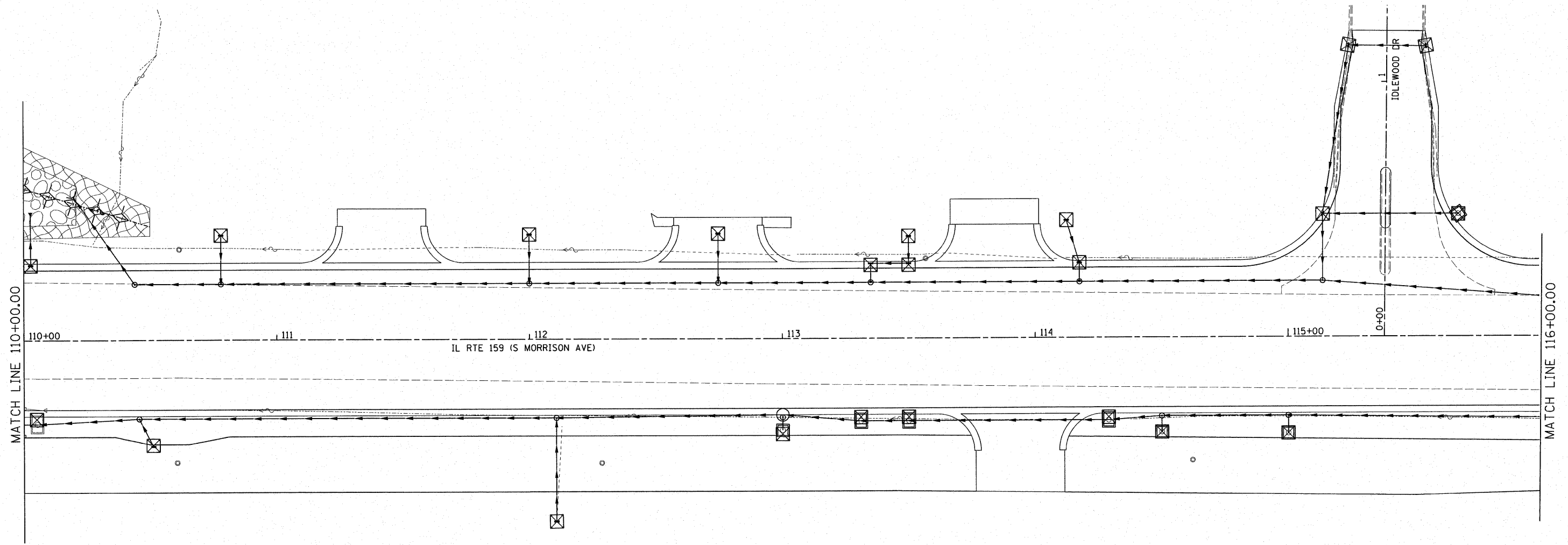


TEMP. DITCH CHECK SPACING		
SLOPE (%)	HEIGHT AT CENTER OF DITCH CHECK (OVERFLOW PT) (INCHES)	SPACING OF DITCH CHECK (FEET)
8.0	12"	10
	18"	20
	24"	25
7.0	12"	15
	18"	20
	24"	30
6.0	12"	15
	18"	25
	24"	35
5.0	12"	20
	18"	30
	24"	40
4.0	12"	25
	18"	35
	24"	50
3.0	12"	35
	18"	50
	24"	65
2.0	12"	50
	18"	75
	24"	100
1.0 & UNDER	12"	100
	18"	150
	24"	195

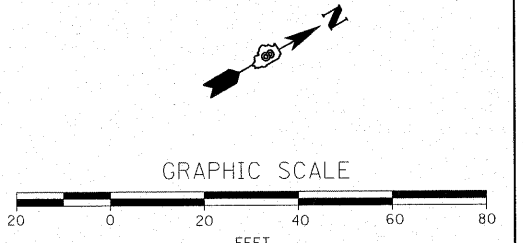
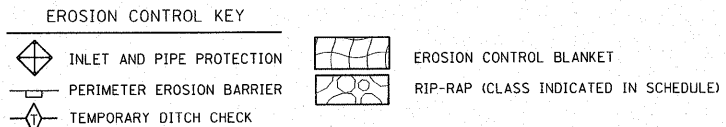
- EROSION CONTROL KEY**
- INLET AND PIPE PROTECTION
  - PERIMETER EROSION BARRIER
  - TEMPORARY DITCH CHECK
  - EROSION CONTROL BLANKET
  - RIP-RAP (CLASS INDICATED IN SCHEDULE)



FILE NAME = 0876830-sht-eros-wppp.dgn	USER NAME = cha	DESIGNED -	REVISED -	<b>STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION</b>	<b>EROSION CONTROL PLAN</b>			F.A. RTE. 600	SECTION 60-(30.31.128)-1	COUNTY	TOTAL SHEETS 399	SHEET NO. 139
	PLOT SCALE = 1:20	DRAWN -	REVISED -		SCALE: 1:20	SHEET NO. OF SHEETS	STA. 104+00.00 TO STA. 110+00.00	CONTRACT NO. 76830		ILLINOIS FED. AID PROJECT		
	PLOT DATE = 8/24/2009	DATE -	REVISED -									

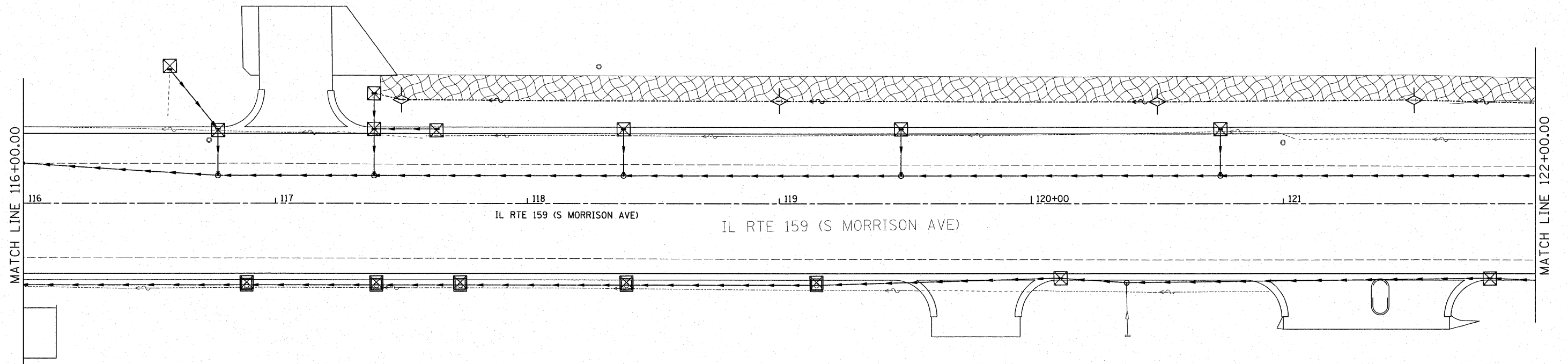


TEMP. DITCH CHECK SPACING		
SLOPE (%)	HEIGHT AT CENTER OF DITCH CHECK (OVERFLOW PT) (INCHES)	SPACING OF DITCH CHECK (FEET)
8.0	12"	10
	18"	20
	24"	25
7.0	12"	15
	18"	20
	24"	30
6.0	12"	15
	18"	25
	24"	35
5.0	12"	20
	18"	30
	24"	40
4.0	12"	25
	18"	35
	24"	50
3.0	12"	35
	18"	50
	24"	65
2.0	12"	50
	18"	75
	24"	100
1.0	12"	100
	18"	150
& UNDER	24"	195






FILE NAME = D876838-sht-eros-swppp.dgn	USER NAME = cha	DESIGNED -	REVISED -	<b>STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION</b>	<b>EROSION CONTROL PLAN</b>			F.A. RTE. 600	SECTION 60-(30.31.128)-1	COUNTY	TOTAL SHEETS 399	SHEET NO. 140
	PLOT SCALE = 1:20	DRAWN -	REVISED -		SCALE: 1:20	SHEET NO. OF SHEETS	STA. 110+00.00 TO STA. 116+00.00	CONTRACT NO. 76830				
	PLOT DATE = 8/24/2009	CHECKED -	REVISED -		FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT							
		DATE -	REVISED -									

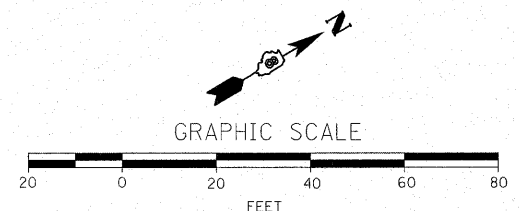




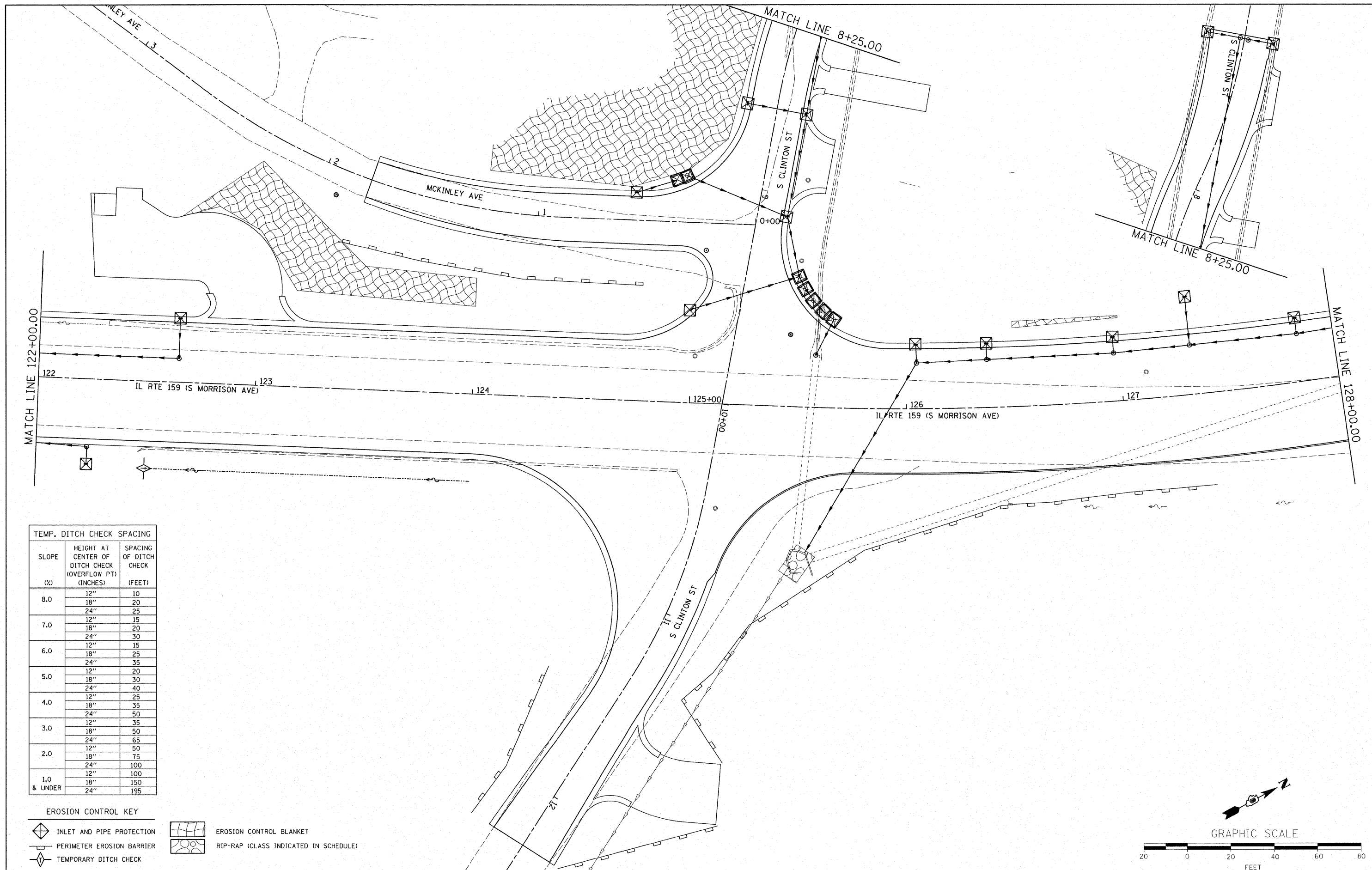
TEMP. DITCH CHECK SPACING		
SLOPE (%)	HEIGHT AT CENTER OF DITCH CHECK (OVERFLOW PT) (INCHES)	SPACING OF DITCH CHECK (FEET)
8.0	12"	10
	18"	20
	24"	25
7.0	12"	15
	18"	20
	24"	30
6.0	12"	15
	18"	25
	24"	35
5.0	12"	20
	18"	30
	24"	40
4.0	12"	25
	18"	35
	24"	50
3.0	12"	35
	18"	50
	24"	65
2.0	12"	50
	18"	75
	24"	100
1.0 & UNDER	12"	100
	18"	150
	24"	195

**EROSION CONTROL KEY**

-  INLET AND PIPE PROTECTION
-  PERIMETER EROSION BARRIER
-  TEMPORARY DITCH CHECK



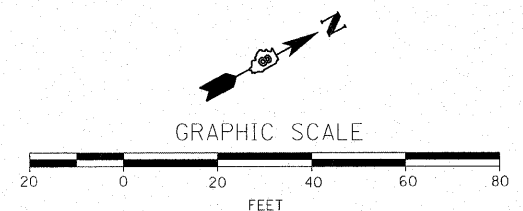
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	PLOT DATE = 8/24/2009	CHECKED -	REVISED -		STA. 116+00.00	TO	STA. 122+00.00	CONTRACT NO. 76830					
		DATE -	REVISED -				ILLINOIS FED. AID PROJECT						

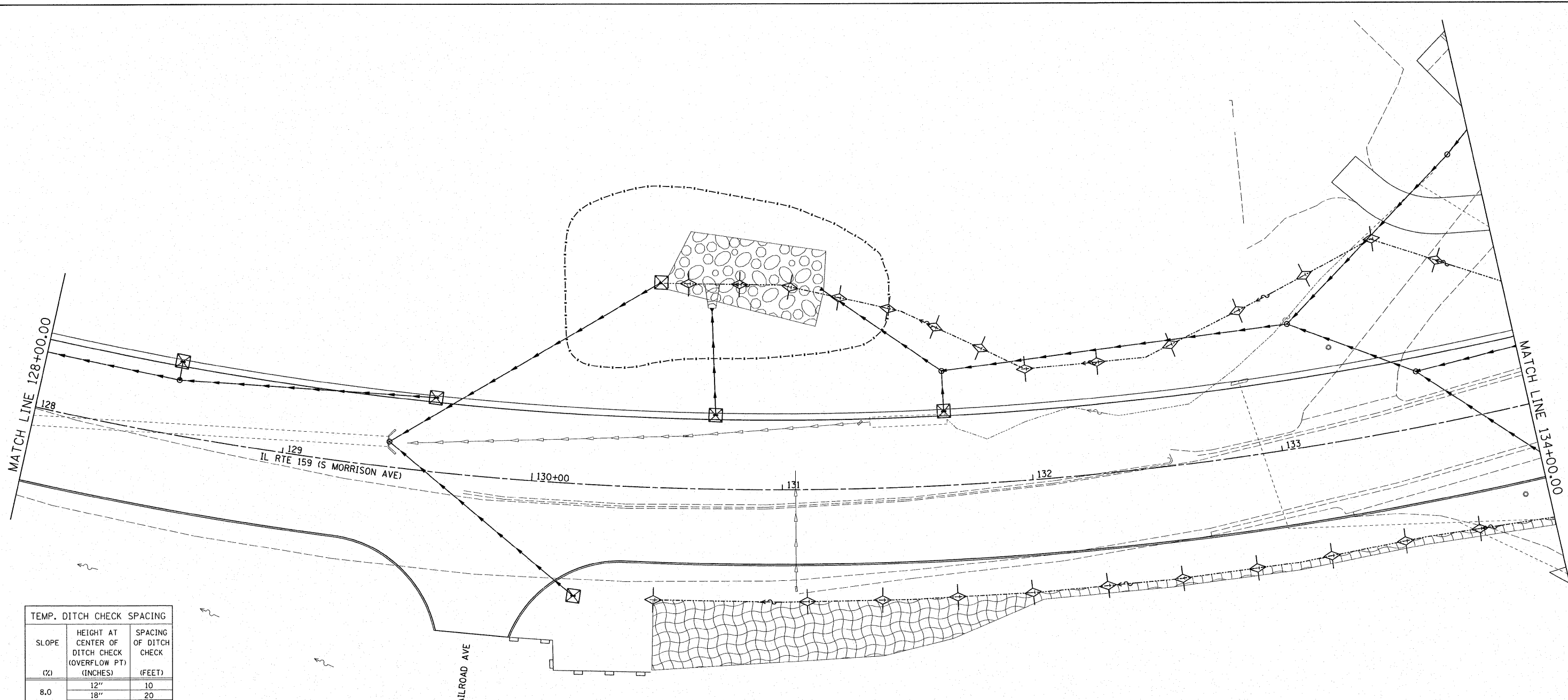


**TEMP. DITCH CHECK SPACING**

SLOPE (%)	HEIGHT AT CENTER OF DITCH CHECK (OVERFLOW PT) (INCHES)	SPACING OF DITCH CHECK (FEET)
8.0	12"	10
	18"	20
	24"	25
7.0	12"	15
	18"	20
	24"	30
6.0	12"	15
	18"	25
	24"	35
5.0	12"	20
	18"	30
	24"	40
4.0	12"	25
	18"	35
	24"	50
3.0	12"	35
	18"	50
	24"	65
2.0	12"	50
	18"	75
	24"	100
1.0	12"	100
	18"	150
& UNDER	24"	195

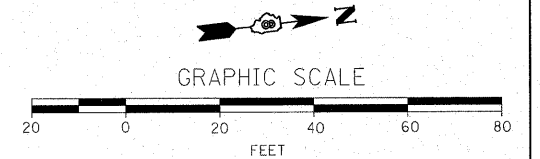
- EROSION CONTROL KEY**
- INLET AND PIPE PROTECTION
  - PERIMETER EROSION BARRIER
  - TEMPORARY DITCH CHECK
  - EROSION CONTROL BLANKET
  - RIP-RAP (CLASS INDICATED IN SCHEDULE)



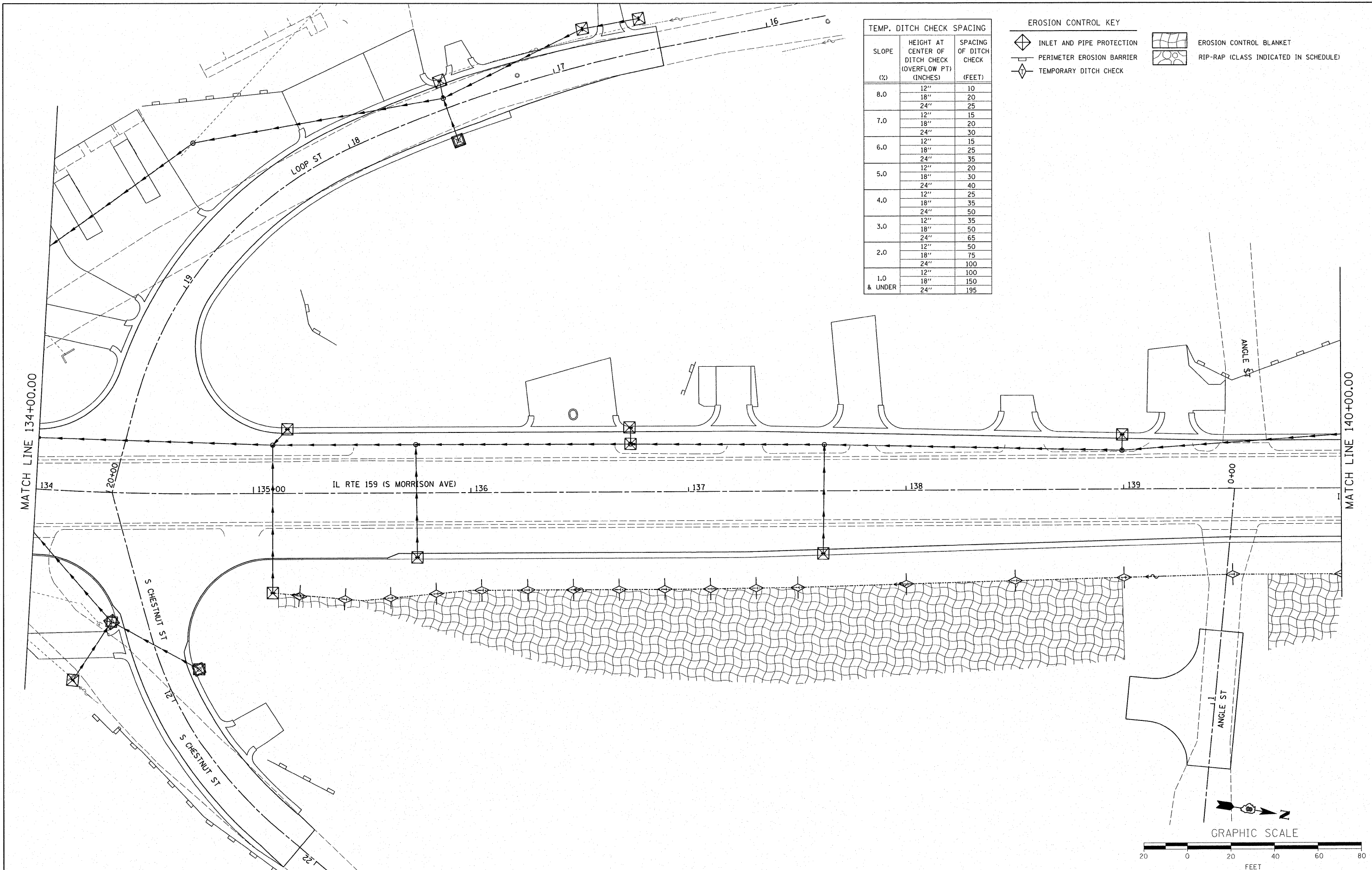


TEMP. DITCH CHECK SPACING		
SLOPE (%)	HEIGHT AT CENTER OF DITCH CHECK (OVERFLOW PT) (INCHES)	SPACING OF DITCH CHECK (FEET)
8.0	12"	10
	18"	20
	24"	25
7.0	12"	15
	18"	20
	24"	30
6.0	12"	15
	18"	25
	24"	35
5.0	12"	20
	18"	30
	24"	40
4.0	12"	25
	18"	35
	24"	50
3.0	12"	35
	18"	50
	24"	65
2.0	12"	50
	18"	75
	24"	100
1.0 & UNDER	12"	100
	18"	150
	24"	195

- EROSION CONTROL KEY**
- INLET AND PIPE PROTECTION
  - PERIMETER EROSION BARRIER
  - TEMPORARY DITCH CHECK
  - EROSION CONTROL BLANKET
  - RIP-RAP (CLASS INDICATED IN SCHEDULE)



FILE NAME = 0676830-sht-eros-swppp.dgn	USER NAME = cha	DESIGNED -	REVISED -	<b>STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION</b>	<b>EROSION CONTROL PLAN</b>	F.A. RTE. 600	SECTION 60-(30,31,128)-1	COUNTY	TOTAL SHEETS 399	SHEET NO. 143
PLOT SCALE = 1:20		CHECKED -	REVISED -	SCALE: 1:20    SHEET NO. OF SHEETS    STA. 128+00.00 TO STA. 134+00.00		CONTRACT NO. 76830				
PLOT DATE = 8/24/2009		DATE -	REVISED -	FED. ROAD DIST. NO.    ILLINOIS FED. AID PROJECT						



TEMP. DITCH CHECK SPACING		
SLOPE (%)	HEIGHT AT CENTER OF DITCH CHECK (OVERFLOW PT) (INCHES)	SPACING OF DITCH CHECK (FEET)
8.0	12"	10
	18"	20
	24"	25
7.0	12"	15
	18"	20
	24"	30
6.0	12"	15
	18"	25
	24"	35
5.0	12"	20
	18"	30
	24"	40
4.0	12"	25
	18"	35
	24"	50
3.0	12"	35
	18"	50
	24"	65
2.0	12"	50
	18"	75
	24"	100
1.0 & UNDER	12"	100
	18"	150
	24"	195

EROSION CONTROL KEY	
	INLET AND PIPE PROTECTION
	PERIMETER EROSION BARRIER
	TEMPORARY DITCH CHECK
	EROSION CONTROL BLANKET
	RIP-RAP (CLASS INDICATED IN SCHEDULE)

FILE NAME =  
0876830-shr-eros-swppp.dgn

USER NAME = cha  
PLOT SCALE = 1:20  
PLOT DATE = 8/24/2009

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DATE -

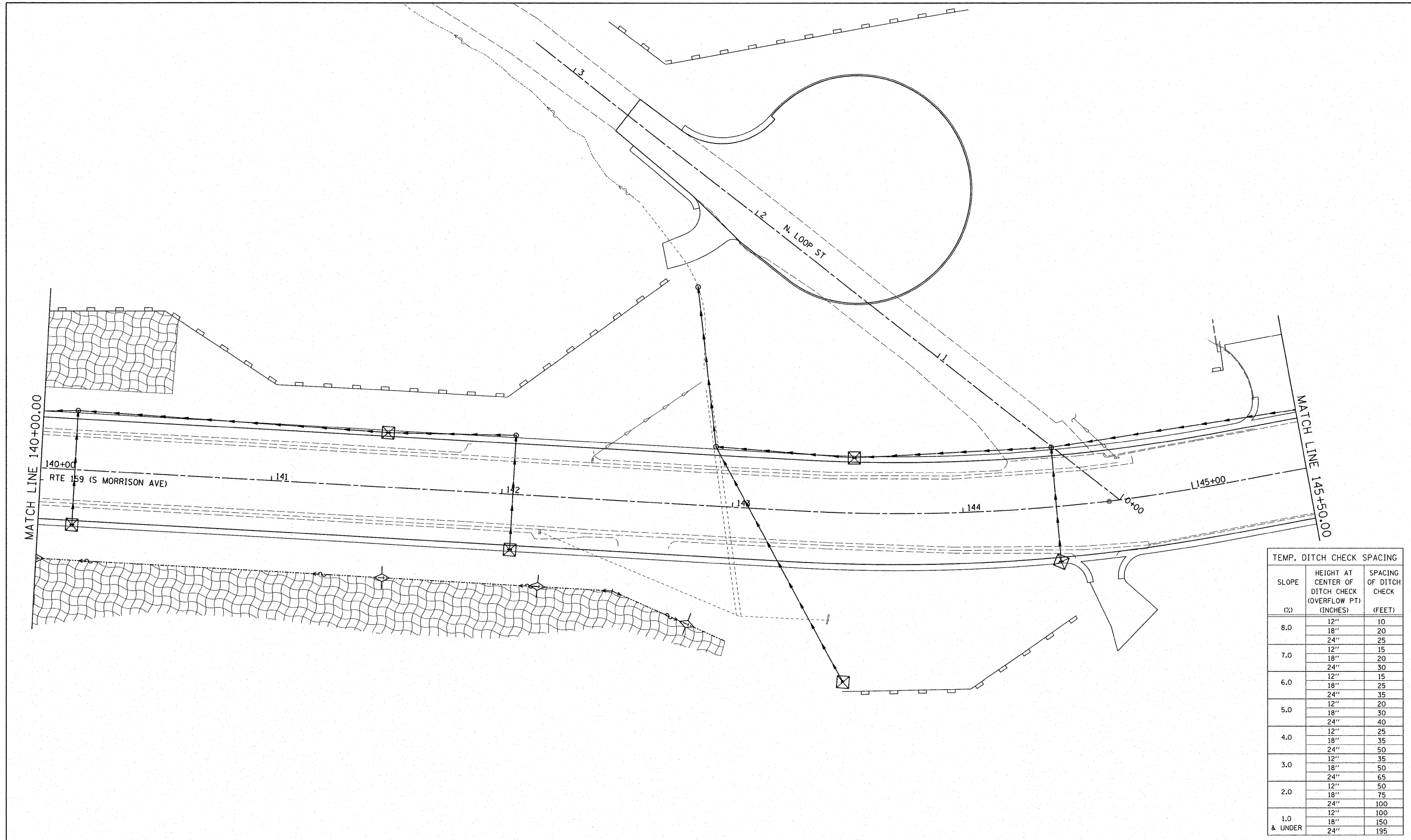
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**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**






**EROSION CONTROL PLAN**

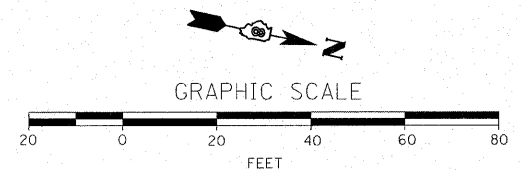
SCALE: 1:20 SHEET NO. OF SHEETS STA. 134+00.00 TO STA. 140+00.00

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
600	60-130.31.128-1		399	144
CONTRACT NO. 76830				
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT				

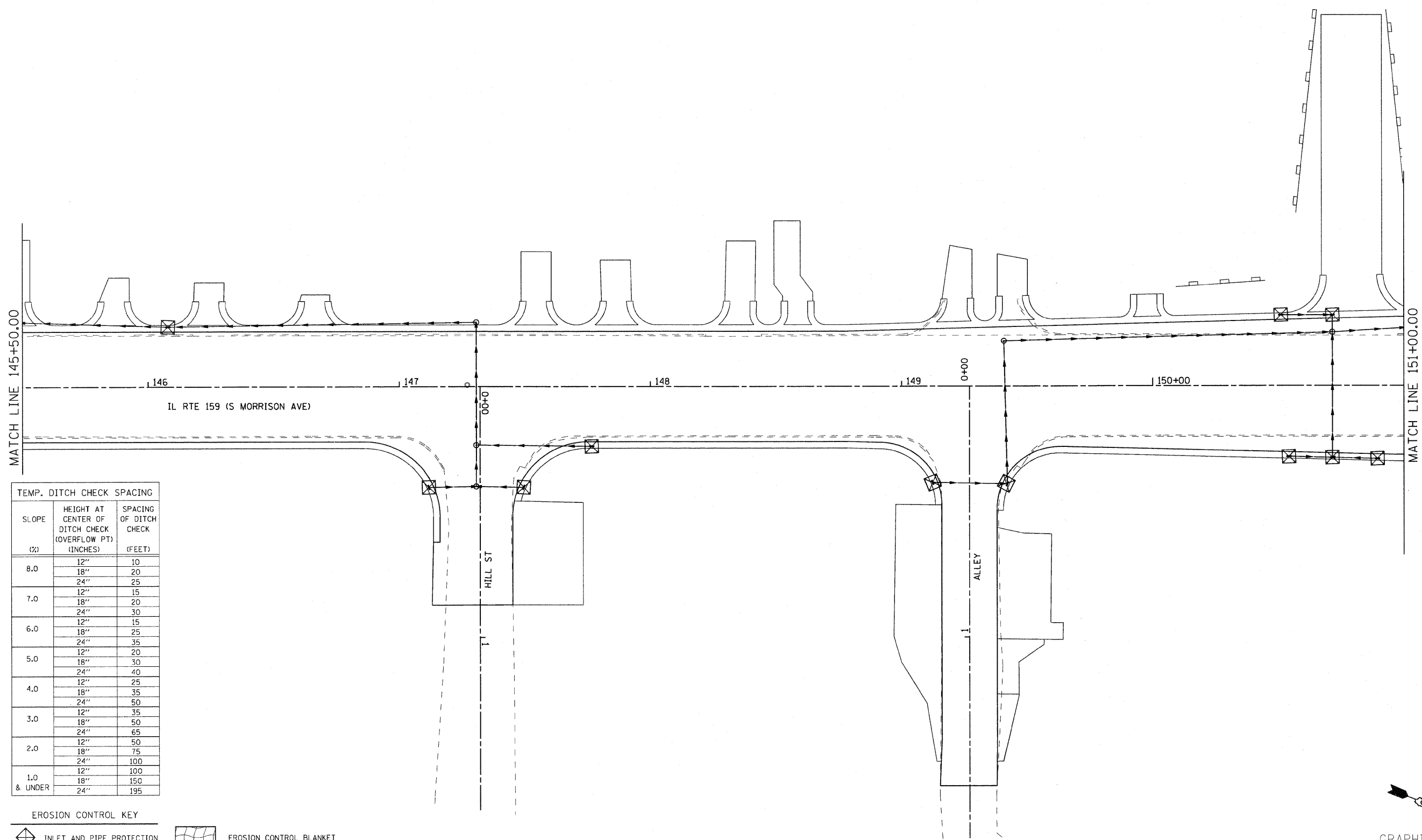


TEMP. DITCH CHECK SPACING		
SLOPE (%)	HEIGHT AT CENTER OF DITCH CHECK (OVERFLOW PT) (INCHES)	SPACING OF DITCH CHECK (FEET)
8.0	12"	10
	18"	20
	24"	25
7.0	12"	15
	18"	20
	24"	30
6.0	12"	15
	18"	25
	24"	35
5.0	12"	20
	18"	30
	24"	40
4.0	12"	25
	18"	35
	24"	50
3.0	12"	35
	18"	50
	24"	65
2.0	12"	50
	18"	75
	24"	100
1.0 & UNDER	12"	100
	18"	150
	24"	195

- EROSION CONTROL KEY**
-  INLET AND PIPE PROTECTION
  -  PERIMETER EROSION BARRIER
  -  TEMPORARY DITCH CHECK
  -  EROSION CONTROL BLANKET
  -  RIP-RAP (CLASS INDICATED IN SCHEDULE)



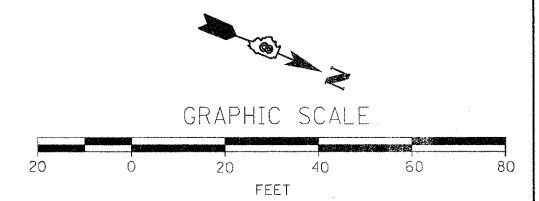
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PLOT SCALE = 1:20	PLOT DATE = 8/24/2009	DRAWN -	REVISD -	SCALE: 1:20	SHEET NO. OF SHEETS	STA. 140+00.00 TO STA. 145+50.00		CONTRACT NO. 76830		
		CHECKED -	REVISED -				ILLINOIS FED. AID PROJECT			
		DATE -	REVISED -							



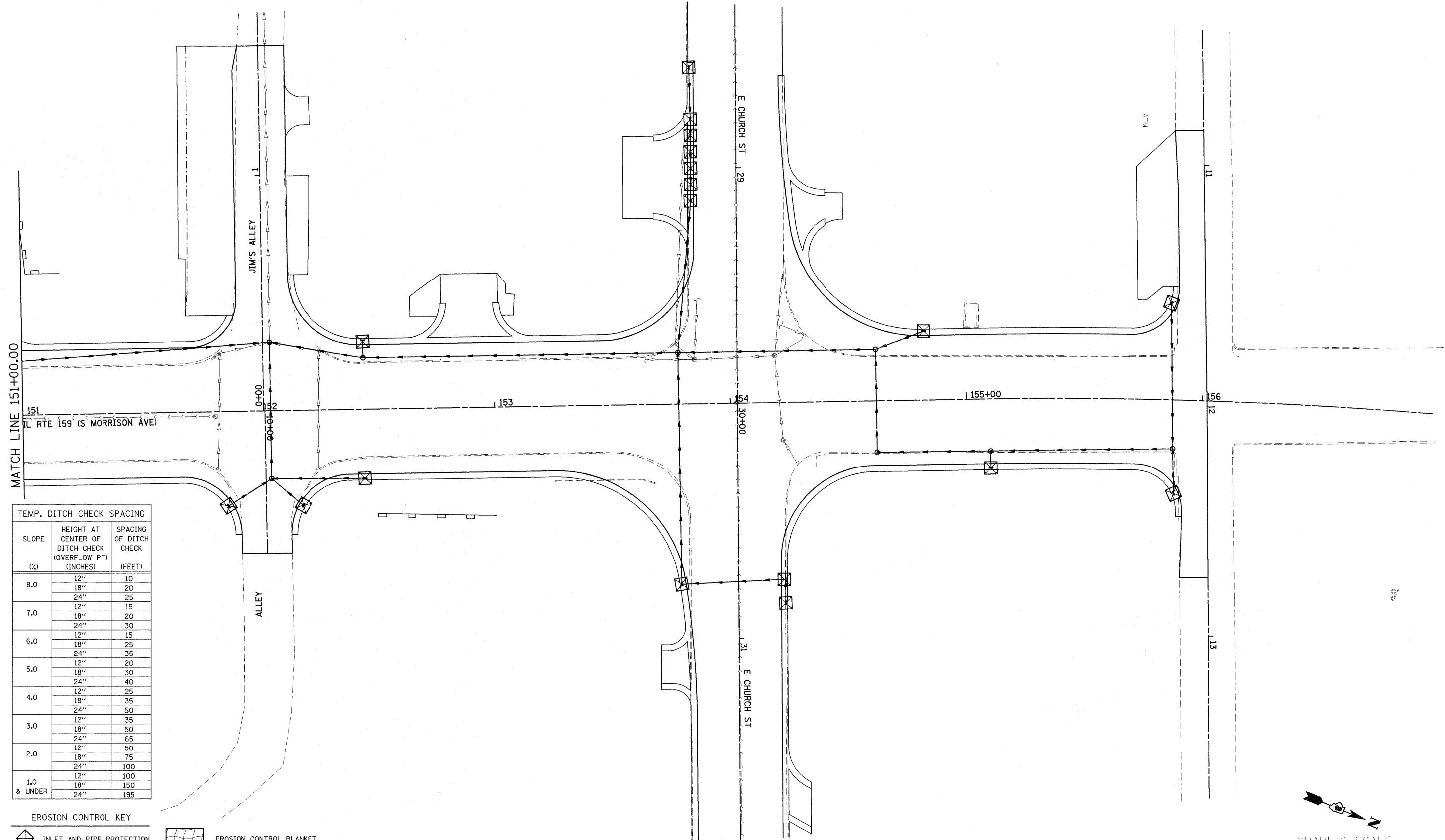
**TEMP. DITCH CHECK SPACING**

SLOPE (%)	HEIGHT AT CENTER OF DITCH CHECK (OVERFLOW PT) (INCHES)	SPACING OF DITCH CHECK (FEET)
8.0	12"	10
	18"	20
	24"	25
7.0	12"	15
	18"	20
	24"	30
6.0	12"	15
	18"	25
	24"	35
5.0	12"	20
	18"	30
	24"	40
4.0	12"	25
	18"	35
	24"	50
3.0	12"	35
	18"	50
	24"	65
2.0	12"	50
	18"	75
	24"	100
1.0	12"	100
	18"	150
	24"	195
& UNDER	24"	195

- EROSION CONTROL KEY**
- INLET AND PIPE PROTECTION
  - PERIMETER EROSION BARRIER
  - TEMPORARY DITCH CHECK
  - EROSION CONTROL BLANKET
  - RIP-RAP (CLASS INDICATED IN SCHEDULE)

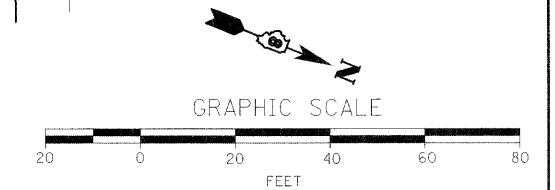


FILE NAME =	USER NAME = #USER#	DESIGNED -	REVISED -	<b>STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION</b>	<b>EROSION CONTROL PLAN</b>			F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	
#FILE#S		DRAWN -	REVISED -		SCALE: 1:20	SHEET NO. OF	SHEETS	STA. 145+50.00 TO STA. 151+00.00	600	60-(30.31.128)-1		399	146
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	PLOT DATE = #DATE#	DATE -	REVISED -					CONTRACT NO. 76830					



TEMP. DITCH CHECK SPACING		
SLOPE (%)	HEIGHT AT CENTER OF DITCH CHECK (OVERFLOW PT) (INCHES)	SPACING OF DITCH CHECK (FEET)
8.0	12"	10
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5.0	12"	20
	18"	30
	24"	40
4.0	12"	25
	18"	35
	24"	50
3.0	12"	35
	18"	50
	24"	65
2.0	12"	50
	18"	75
	24"	100
1.0	12"	100
	18"	150
	24"	195
& UNDER	24"	195

- EROSION CONTROL KEY**
- INLET AND PIPE PROTECTION
  - PERIMETER EROSION BARRIER
  - TEMPORARY DITCH CHECK
  - EROSION CONTROL BLANKET
  - RIP-RAP (CLASS INDICATED IN SCHEDULE)



FILE NAME =	USER NAME = default	DESIGNED -	REVISED -	<b>STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION</b>	<b>EROSION CONTROL PLAN</b>			F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	
P:\Projects\513501\CADD\DN\0876830-sh1	eros-swppp.dgn	DRAWN -	REVISED -		SCALE: 1:20	SHEET NO.	OF	SHEETS	STA. 151+00.00 TO STA. 157+00.00	600	60-(30.31.128)-1	399	147
	PLOT SCALE = 20.0000' / IN.	CHECKED -	REVISED -									CONTRACT NO. 76830	
	PLOT DATE = 4/30/2010	DATE -	REVISED -							FED. ROAD DIST. NO.	ILLINOIS FED. AID PROJECT		

THIS PLAN HAS BEEN PREPARED TO COMPLY WITH THE PROVISIONS OF THE NPDES PERMIT NUMBER ILR10, ISSUED BY THE ILLINOIS ENVIRONMENTAL PROTECTION AGENCY FOR STORM WATER DISCHARGES FROM CONSTRUCTION SITE ACTIVITIES.

I CERTIFY UNDER PENALTY OF LAW THAT THIS DOCUMENT AND ALL ATTACHMENTS WERE PREPARED UNDER MY DIRECTION OR SUPERVISION IN ACCORDANCE WITH A SYSTEM DESIGNED TO ASSURE THAT QUALIFIED PERSONNEL PROPERLY GATHERED AND EVALUATED THE INFORMATION SUBMITTED. BASED ON MY INQUIRY OF THE PERSON OR PERSONS WHO MANAGE THE SYSTEM, OR THOSE PERSONS DIRECTLY RESPONSIBLE FOR GATHERING THE INFORMATION, THE INFORMATION SUBMITTED IS, TO THE BEST OF MY KNOWLEDGE AND BELIEF, TRUE, ACCURATE AND COMPLETE. I AM AWARE THAT THERE ARE SIGNIFICANT PENALTIES FOR SUBMITTING FALSE INFORMATION, INCLUDING THE POSSIBILITY OF FINE AND IMPRISONMENT FOR KNOWING VIOLATIONS.

MARY C. LAMIE  
PRINT NAME  
DEPUTY DIRECTOR OF HIGHWAYS  
REGION FIVE ENGINEER  
TITLE  
IL DEPT. OF TRANSPORTATION  
AGENCY

*Mary C. Lamie*  
SIGNATURE  
10-15-09  
DATE

I. SITE DESCRIPTION:

A. THE FOLLOWING IS A DESCRIPTION OF THE PROJECT LOCATION:

THE PROJECT IS LOCATED ALONG ILLINOIS ROUTE 159 IN MADISON AND ST. CLAIR COUNTIES FROM JUST SOUTH OF CHURCH STREET TO JUST NORTH OF SOUTH MORRISON AVENUE IN COLLINSVILLE, ILLINOIS.

B. THE FOLLOWING IS A DESCRIPTION OF THE CONSTRUCTION ACTIVITY WHICH IS THE SUBJECT OF THIS PLAN:

THE INTENT OF THIS PROJECT IS TO WIDEN ILLINOIS ROUTE 159 ON BOTH SIDES TO PROVIDE ADDITIONAL LANES AND TO ADD CURB, GUTTER, AND STORM SEWER TO IMPROVE DRAINAGE.

THIS WORK CONSISTS OF RECONSTRUCTING THE PAVEMENT TO A 55' WIDTH, ELIMINATING THE EXISTING AGGREGATE SHOULDER AND IMPROVING THE ROADWAY TO AN URBAN SECTION.

IN ADDITION TO THE PAVEMENT WIDENING AND RECONSTRUCTION, THE IMPROVEMENTS INCLUDE EARTH EXCAVATION AND EMBANKMENT, THE CONSTRUCTION OF ENTRANCE APRONS AND SIDEWALKS ALONG 159 AS WELL AS ROAD IMPROVEMENTS TO SIDE ROADS.

C. THE FOLLOWING IS A DESCRIPTION OF THE INTENDED SEQUENCE OF MAJOR ACTIVITIES WHICH WILL DISTURB SOILS FOR MAJOR PORTIONS OF THE CONSTRUCTION SITE, SUCH AS GRUBBING, EXCAVATION AND GRADING:

MILLING, EXCAVATION, AND EARTH FILL WILL BE DONE DURING PAVEMENT WIDENING.

D. THE TOTAL AREA OF THE CONSTRUCTION SITE IS ESTIMATED TO BE 117 ACRES.

THE TOTAL AREA OF THE SITE THAT IS ESTIMATED WILL BE DISTURBED BY EXCAVATION, GRADING OR OTHER ACTIVITIES IS 6 ACRES.

E. THE FOLLOWING IS A WEIGHTED AVERAGE OF THE RUNOFF COEFFICIENT FOR THIS PROJECT AFTER CONSTRUCTION ACTIVITIES ARE COMPLETED: 0.79

F. THE FOLLOWING IS A DESCRIPTION OF THE SOIL TYPES FOUND AT THE PROJECT SITE FOLLOWED BY INFORMATION REGARDING THEIR EROSIVITY:

GENERAL SUBSURFACE PROFILES WERE DEVELOPED ALONG THE PROPOSED ALIGNMENT. THE SOIL PROFILES CONSIST MAINLY OF SILT, SILT LOAM, SILTY CLAY AND SILTY CLAY LOAM. THE SOILS ENCOUNTERED ALONG THE SUBJECT CORRIDOR AS LISTED THROUGH THE NCRS SOIL SURVEY INCLUDE WAKELAND SILT LOAM, SYLVAN-BOLD SILT LOAMS, MENFRO-ORTHENTS-URBAN AND WINFIELD-ORTHNETS-URBAN. VERY WEATHERED SHALE WAS ENCOUNTERED AT ONE LOCATION AS REFERENCED IN THE GEOTECH REPORT HEREBY INCLUDED AS A REFERENCE TO THIS SHEET. INDIVIDUAL BORING LOGS AND LOCATIONS OF THE BORINGS CAN ALSO BE FOUND IN THE GEOTECH REPORT.

G. THE FOLLOWING IS A DESCRIPTION OF POTENTIALLY EROSION AREAS ASSOCIATED WITH THIS PROJECT:

THE REQUIRED FACTOR OF SAFETY WAS MET AND SLOPE STABILITY IS NOT ANTICIPATED TO BE A PROBLEM ALONG THIS ALIGNMENT. SETTLEMENT IS CONSIDERED NEGLIGIBLE AND SHOULD HAVE LITTLE TO NO IMPACT ON THE ROADWAY. REFERENCE THE APPROVED ROADWAY GEOTECHNICAL REPORT FOR ADDITIONAL SUBSURFACE INFORMATION.

H. THE FOLLOWING IS A DESCRIPTION OF SOIL DISTURBING ACTIVITIES, THEIR LOCATIONS, AND THEIR EROSION FACTORS (E.G. STEEPNESS OF SLOPES, LENGTH OF SLOPES, ETC):

SOILS WILL BE DISTURBED WITHIN THE CONSTRUCTION AREA TO THE EXTENT OF CONSTRUCTION OF SIDE SLOPES AND DITCHES. BETWEEN STATIONS 137+00 AND 139+00, CUT AND FILL HEIGHTS ARE GREATER THAN 15 FEET AND AT 2:1 SLOPES. SLOPE STABILITY IN THIS AREA WAS FOUND TO BE ADEQUATE.

I. SEE THE EROSION CONTROL PLANS AND/OR DRAINAGE PLANS FOR THIS CONTRACT FOR INFORMATION REGARDING DRAINAGE PATTERNS, APPROXIMATE SLOPES ANTICIPATED BEFORE AND AFTER MAJOR GRADING ACTIVITIES, LOCATIONS WHERE VEHICLES ENTER OR EXIT THE SITE AND CONTROLS TO PREVENT OFF SITE SEDIMENT TRACKING (TO BE ADDED AFTER CONTRACTOR IDENTIFIES LOCATIONS), AREAS OF SOIL DISTURBANCE, THE LOCATION OF MAJOR STRUCTURAL AND NONSTRUCTURAL CONTROLS IDENTIFIED IN THE PLAN, THE LOCATION OF AREAS WHERE STABILIZATION PRACTICES ARE EXPECTED TO OCCUR, SURFACE WATERS (INCLUDING WETLANDS) AND LOCATIONS WHERE STORM WATER IS DISCHARGED TO SURFACE WATER INCLUDING WETLANDS.

J. THE FOLLOWING IS A LIST OF RECEIVING WATER(S) AND THE ULTIMATE RECEIVING WATER(S), AND AERIAL EXTENT OF WETLAND ACREAGE AT THE SITE. THE LOCATION OF THE RECEIVING WATERS CAN BE FOUND ON THE EROSION AND SEDIMENT CONTROL PLANS:

SEE THE FULL APPROVED DRAINAGE REPORT FOR A LIST OF THE RECEIVING WATERS.

K. THE FOLLOWING POLLUTANTS OF CONCERN WILL BE ASSOCIATED WITH THIS CONSTRUCTION PROJECT: (CHECK ALL THAT APPLY)

- SOIL SEDIMENT
- CONCRETE
- CONCRETE TRUCK WASTE
- CONCRETE CURING COMPOUNDS
- SOLID WASTE DEBRIS
- PAINTS
- SOLVENTS
- FERTILIZERS / PESTICIDES
- PETROLEUM (GAS, DIESEL, OIL, KEROSENE, HYDRAULIC OIL/FLUIDS)
- ANTIFREEZE / COOLANTS
- WASTE WATER FROM CLEANING CONSTRUCTION EQUIPMENT
- OTHER (SPECIFY).....
- OTHER (SPECIFY).....
- OTHER (SPECIFY).....
- OTHER (SPECIFY).....

II. CONTROLS

THIS SECTION OF THE PLAN ADDRESSES THE CONTROLS THAT WILL BE IMPLEMENTED FOR EACH OF THE MAJOR CONSTRUCTION ACTIVITIES DESCRIBED IN I.C. ABOVE AND FOR ALL USE AREAS, BORROW SITES, AND WASTE SITES. FOR EACH MEASURE DISCUSSED, THE CONTRACTOR WILL BE RESPONSIBLE FOR ITS IMPLEMENTATION AS INDICATED. THE CONTRACTOR SHALL PROVIDE TO THE RESIDENT ENGINEER A PLAN FOR THE IMPLEMENTATION OF THE MEASURES INDICATED. THE CONTRACTOR, AND SUBCONTRACTORS, WILL NOTIFY THE RESIDENT ENGINEER OF ANY PROPOSED CHANGES, MAINTENANCE, OR MODIFICATIONS TO KEEP CONSTRUCTION ACTIVITIES COMPLIANT WITH THE PERMIT. EACH SUCH CONTRACTOR HAS SIGNED THE REQUIRED CERTIFICATION ON FORMS WHICH ARE ATTACHED TO, AND ARE A PART OF THIS PLAN:

A. EROSION AND SEDIMENT CONTROL

1. STABILIZED PRACTICES: PROVIDED BELOW IS A DESCRIPTION OF INTERIM AND PERMANENT STABILIZATION PRACTICES, INCLUDING SITE SPECIFIC SCHEDULING OF THE IMPLEMENTATION OF THE PRACTICES. SITE PLANS WILL ENSURE THAT EXISTING VEGETATION IS PRESERVED WHERE ATTAINABLE AND DISTURBED PORTIONS OF THE SITE WILL BE STABILIZED. STABILIZATION PRACTICES MAY INCLUDE BUT ARE NOT LIMITED TO: TEMPORARY SEEDING, PERMANENT SEEDING, MULCHING, GEOTEXTILES, SODDING, VEGETATIVE BUFFER STRIPS, PROTECTION OF TREES, PRESERVATION OF MATURE VEGETATION, AND OTHER APPROPRIATE MEASURES. EXCEPT AS PROVIDED BELOW IN II(A)(1)(a) AND II(A)(3), STABILIZATION MEASURES SHALL BE INITIATED AS SOON AS PRACTICABLE IN PORTIONS OF THE SITE WHERE CONSTRUCTION ACTIVITIES HAVE TEMPORARILY OR PERMANENTLY CEASED, BUT IN NO CASE MORE THAN 7 DAYS AFTER THE CONSTRUCTION ACTIVITY IN THAT PORTION OF THE SITE HAS TEMPORARILY OR PERMANENTLY CEASES ON ALL DISTURBED PORTIONS OF THE SITE WHERE CONSTRUCTION WILL NOT OCCUR FOR A PERIOD OF 14 OR MORE CALENDAR DAYS.

2. WHERE THE INITIATION OF STABILIZATION MEASURES BY THE 7TH DAY AFTER CONSTRUCTION ACTIVITY TEMPORARILY OR PERMANENTLY CEASES IS PRECLUDED BY SNOW COVER, STABILIZATION MEASURES SHALL BE INITIATED AS SOON AS PRACTICABLE THEREAFTER.

THE FOLLOWING STABILIZATION PRACTICES WILL BE USED FOR THIS PROJECT: (CHECK ALL THAT APPLY)

- PRESERVATION OF MATURE VEGETATION
- VEGETATED BUFFER STRIPS
- PROTECTION OF TREES
- TEMPORARY EROSION CONTROL SEEDING
- TEMPORARY TURF (SEEDING, CLASS 7)
- TEMPORARY MULCHING
- PERMANENT SEEDING
- EROSION CONTROL BLANKET / MULCHING
- SODDING
- GEOTEXTILES
- OTHER (SPECIFY).....
- OTHER (SPECIFY).....
- OTHER (SPECIFY).....
- OTHER (SPECIFY).....

DESCRIBE HOW THE STABILIZATION PRACTICES LISTED ABOVE WILL BE UTILIZED:

ALTHOUGH SOME TREES WILL BE REQUIRED TO BE REMOVED IN ORDER TO ALLOW FOR CONSTRUCTION ACTIVITY, EXCAVATION, AND EMBANKMENT, EXISTING VEGETATION AND TREES THAT ARE NOT MARKED TO BE REMOVED ON THE LANDSCAPE PLAN SHALL BE PROTECTED AND PRESERVED, UNLESS OTHERWISE DEEMED NECESSARY FOR REMOVAL PER THE ENGINEER. TEMPORARY EROSION CONTROL SEEDING WILL BE UTILIZED AS DENOTED IN THE STANDARD SPECIFICATIONS OF ROAD AND BRIDGE CONSTRUCTION. PERMANENT SEEDING WILL BE DONE AFTER COMPLETION OF CONSTRUCTION ACTIVITIES. THE INTENT OF THESE STABILIZATION PRACTICES IS TO PROVIDE PROTECTION FROM EROSION AND CONTROL OF SEDIMENT IN AREAS OF DISTURBANCE AS SOON AS POSSIBLE. EROSION CONTROL BLANKET WILL BE PLACED ON ALL SIDE SLOPES GREATER THAN 3:1. TEMPORARY CONTROLS WILL BE IMPLEMENTED AS SOON AS PRACTICABLE.

PERMANENT STABILIZATION - ALL AREAS DISTURBED BY CONSTRUCTION WILL BE STABILIZED WITH PERMANENT SEEDING IMMEDIATELY FOLLOWING THE FINISHED GRADING.

2. STRUCTURAL PRACTICES: PROVIDED BELOW IS A DESCRIPTION OF STRUCTURAL PRACTICES THAT WILL BE IMPLEMENTED, TO THE DEGREE ATTAINABLE, TO DIVERT FLOWS FROM EXPOSED SOILS, STORE FLOWS OR OTHERWISE LIMIT RUNOFF AND THE DISCHARGE OF POLLUTANTS FROM EXPOSED AREAS OF THE SITE. SUCH PRACTICES MAY INCLUDE BUT ARE NOT LIMITED TO: PERIMETER EROSION BARRIER, EARTH DIKES, DRAINAGE SWALES, SEDIMENT TRAPS, DITCH CHECKS, SUBSURFACE DRAINS, PIPE SLOPE DRAINS, LEVEL SPREADERS, STORM DRAIN INLET PROTECTION, ROCK OUTLET PROTECTION, REINFORCED SOIL RETAINING SYSTEMS, GABIONS, AND TEMPORARY OR PERMANENT SEDIMENT BASINS. THE INSTALLATION OF THESE DEVICES MAY BE SUBJECT TO SECTION 404 OF THE CLEAN WATER ACT.

THE FOLLOWING STRUCTURAL PRACTICES WILL BE USED FOR THIS PROJECT:

- PERIMETER EROSION BARRIER
- TEMPORARY DITCH CHECK
- STORM DRAIN INLET PROTECTION
- SEDIMENT TRAP
- TEMPORARY PIPE SLOPE DRAIN
- TEMPORARY SEDIMENT BASIN
- TEMPORARY STREAM CROSSING
- STABILIZED CONSTRUCTION EXITS
- TURF REINFORCEMENT MATS
- PERMANENT CHECK DAMS
- PERMANENT SEDIMENT BASIN
- AGGREGATE DITCH
- PAVED DITCH
- ROCK OUTLET PROTECTION
- RIPRAP
- GABIONS
- SLOPE MATTRESS
- RETAINING WALLS
- SLOPE WALLS
- CONCRETE REVETMENT MATS
- LEVEL SPREADERS
- OTHER (SPECIFY).....
- OTHER (SPECIFY).....
- OTHER (SPECIFY).....
- OTHER (SPECIFY).....

DESCRIBE HOW THE STRUCTURAL PRACTICES LISTED ABOVE WILL BE UTILIZED:

INLET AND PIPE PROTECTION WILL BE PLACED AT THE UPSTREAM END OF PIPE CULVERTS AND AT ALL PROPOSED INLETS TO PROTECT FROM SEDIMENTATION DUE TO EARTH EXCAVATION AND EMBANKMENT ACTIVITIES (SEE PLAN SCHEDULE OF QUANTITIES AND EROSION CONTROL PLAN SHEETS.) RIPRAP WILL BE PLACED AT THE DISCHARGE LOCATION OF ALL PIPES AND ALONG THE LENGTH OF ANY OUTFALL CHANNEL THAT CARRIES WATER HAVING A VELOCITY GREAT ENOUGH TO ERODE DOWNSTREAM SOILS. SEE THE EROSION CONTROL PLANS FOR LOCATIONS WHERE RIPRAP WILL BE REQUIRED.

PERIMETER EROSION CONTROL BARRIER WILL BE UTILIZED IN PLACES WHERE SEDIMENTATION MAY ESCAPE THE RIGHT-OF-WAY (SEE THE EROSION CONTROL PLAN FOR LOCATIONS.)

TEMPORARY DITCH CHECKS WILL BE PLACED AS INDICATED IN THE EROSION CONTROL PLAN.

AS SOON AS REASONABLE ACCESS IS AVAILABLE TO ALL LOCATIONS WHERE WATER DRAINS AWAY FROM THE PROJECT, TEMPORARY DITCH CHECKS, INLET AND PIPE PROTECTION, AND PERIMETER EROSION BARRIER SHALL BE INSTALLED AS CALLED OUT IN THIS PLAN AND DIRECTED BY THE ENGINEER.

ALL EROSION CONTROL PRODUCTS FURNISHED SHALL BE SPECIFICALLY RECOMMENDED BY THE MANUFACTURER FOR THE USE SPECIFIED IN THE EROSION CONTROL PLAN. PRIOR TO THE APPROVAL AND USE OF THE PRODUCT, THE CONTRACTOR SHALL SUBMIT TO THE ENGINEER A NOTARIZED CERTIFICATION BY THE PRODUCER STATING THE INTENDED USE OF THE PRODUCT AND THAT THE PHYSICAL PROPERTIES REQUIRED FOR THIS APPLICATION ARE MET OR EXCEEDED. THE CONTRACTOR SHALL PROVIDE MANUFACTURER INSTALLATION PROCEDURES TO FACILITATE THE ENGINEER IN CONSTRUCTION INSPECTION.

FILE NAME = D076830-shr-swppp.dgn	USER NAME = cha	DESIGNED - CHA	REVISED - 4-20-09	<b>STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION</b>	<b>SWPPP PLAN</b>				F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	
		DRAWN - CHA	REVISED -		SCALE:	SHEET NO.	OF	SHEETS	STA.	TO STA.	600	60-(30,31,128)-1	399	147A
		CHECKED -	REVISED -						CONTRACT NO. 76830					
		DATE - 8-23-09	REVISED -						FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT					



3. STORM WATER MANAGEMENT: PROVIDED BELOW IS A DESCRIPTION OF MEASURES THAT WILL BE INSTALLED DURING THE CONSTRUCTION PROCESS TO CONTROL POLLUTANTS IN STORM WATER DISCHARGES THAT WILL OCCUR AFTER CONSTRUCTION OPERATIONS HAVE BEEN COMPLETED. THE INSTALLATION OF THESE DEVICES MAY BE SUBJECT TO SECTION 404 OF THE CLEAN WATER ACT.

- a. SUCH PRACTICES MAY INCLUDE BUT ARE NOT LIMITED TO: STORM WATER DETENTION STRUCTURES (INCLUDING WET PONDS), STORM WATER RETENTION STRUCTURES, FLOW ATTENUATION BY USE OF OPEN VEGETATED SWALES AND NATURAL DEPRESSIONS, INFILTRATION OF RUNOFF ON SITE, AND SEQUENTIAL SYSTEMS (WHICH COMBINE SEVERAL PRACTICES).  
THE PRACTICES SELECTED FOR IMPLEMENTATION WERE DETERMINED ON THE BASIS OF THE TECHNICAL GUIDANCE IN SECTION 59-8 (EROSION AND SEDIMENT CONTROL) IN CHAPTER 59 (LANDSCAPE DESIGN AND EROSION CONTROL) OF THE ILLINOIS DEPARTMENT OF TRANSPORTATION BUREAU OF DESIGN AND ENVIRONMENT MANUAL. IF PRACTICES OTHER THAN THOSE DISCUSSED IN SECTION 59-8 ARE SELECTED FOR IMPLEMENTATION OR IF PRACTICES ARE APPLIED TO SITUATIONS DIFFERENT FROM THOSE COVERED IN SECTION 59-8, THE TECHNICAL BASIS FOR SUCH DECISIONS WILL BE EXPLAINED BELOW.
- b. VELOCITY DISSIPATION DEVICES WILL BE PLACED AT DISCHARGE LOCATIONS AND ALONG THE LENGTH OF ANY OUTFALL CHANNEL AS NECESSARY TO PROVIDE A NON-EROSIVE VELOCITY FLOW FROM THE STRUCTURE TO A WATER COURSE SO THAT THE NATURAL PHYSICAL AND BIOLOGICAL CHARACTERISTICS AND FUNCTIONS ARE MAINTAINED AND PROTECTED (E.G. MAINTENANCE OF HYDROLOGIC CONDITIONS SUCH AS THE HYDROPERIOD AND HYDRODYNAMICS PRESENT PRIOR TO THE INITIATION OF CONSTRUCTION ACTIVITIES).

DESCRIPTION OF STORM WATER MANAGEMENT CONTROLS:

RIPRAP AND EROSION CONTROL BLANKET WILL BE PLACED IN DITCHES AT LOCATIONS SHOWN IN THE PLANS TO PROVIDE CHANNEL STABILITY. RIPRAP WILL ALSO BE PLACED AT CULVERT OUTLETS AS NECESSARY TO CONTROL VELOCITY AND AS INDICATED IN THE EROSION CONTROL PLAN.

4. OTHER CONTROLS:

- a. VEHICLE ENTRANCES AND EXITS - STABILIZED CONSTRUCTION ENTRANCES AND EXITS MUST BE CONSTRUCTED TO PREVENT TRACKING OF SEDIMENTS ONTO ROADWAYS.

THE CONTRACTOR WILL PROVIDE THE RESIDENT ENGINEER WITH A WRITTEN PLAN IDENTIFYING THE LOCATION OF STABILIZED ENTRANCES AND EXITS AND THE PROCEDURES (S)HE WILL USE TO CONSTRUCT AND MAINTAIN THEM.

- b. MATERIAL DELIVERY, STORAGE, AND USE - THE FOLLOWING BMPs SHALL BE IMPLEMENTED TO HELP PREVENT DISCHARGES OF CONSTRUCTION MATERIALS DURING DELIVERY, STORAGE, AND USE:

- ALL PRODUCTS DELIVERED TO THE PROJECT SITE MUST BE PROPERLY LABELED.
- WATER TIGHT SHIPPING CONTAINERS AND/OR SEMI TRAILERS SHALL BE USED TO STORE HAND TOOLS, SMALL PARTS, AND MOST CONSTRUCTION MATERIALS THAT CAN BE CARRIED BY HAND, SUCH AS PAINT CANS, SOLVENTS, AND GREASE.
- A STORAGE/CONTAINMENT FACILITY SHOULD BE CHOSEN FOR LARGER ITEMS SUCH AS DRUMS AND ITEMS SHIPPED OR STORED ON PALLETS. SUCH MATERIAL IS TO BE COVERED BY A TIN ROOF OR LARGE SHEETS OF PLASTIC TO PREVENT PRECIPITATION FROM COMING IN CONTACT WITH THE PRODUCTS BEING STORED.
- LARGE ITEMS SUCH AS LIGHT STANDS, FRAMING MATERIALS AND LUMBER SHALL BE STORED IN THE OPEN IN A GENERAL STORAGE AREA. SUCH MATERIAL SHALL BE ELEVATED WITH WOOD BLOCKS TO MINIMIZE CONTACT WITH STORM WATER RUNOFF.
- SPILL CLEAN-UP MATERIALS, MATERIAL SAFETY DATA SHEETS, AN INVENTORY OF MATERIALS, AND EMERGENCY CONTACT NUMBERS SHALL BE MAINTAINED AND STORED IN ONE DESIGNATED AREA AND EACH CONTRACTOR IS TO INFORM HIS/HER EMPLOYEES AND THE RESIDENT ENGINEER OF THIS LOCATION.

- c. STOCKPILE MANAGEMENT - BMPs SHALL BE IMPLEMENTED TO REDUCE OR ELIMINATE POLLUTION OF STORM WATER FROM STOCKPILES OF SOIL AND PAVING MATERIALS SUCH AS BUT NOT LIMITED TO PORTLAND CEMENT CONCRETE RUBBLE, ASPHALT CONCRETE, ASPHALT CONCRETE RUBBLE, AGGREGATE BASE, AGGREGATE SUB BASE, AND PRE-MIXED AGGREGATE. THE FOLLOWING BMPs MAY BE CONSIDERED:

- PERIMETER EROSION BARRIER
- TEMPORARY SEEDING
- TEMPORARY MULCH
- PLASTIC COVERS
- SOIL BINDERS
- STORM DRAIN INLET PROTECTION

THE CONTRACTOR WILL PROVIDE THE RESIDENT ENGINEER WITH A WRITTEN PLAN OF THE PROCEDURES (S)HE WILL USE ON THE PROJECT AND HOW THEY WILL BE MAINTAINED.

- d. WASTE DISPOSAL. NO MATERIALS, INCLUDING BUILDING MATERIALS, SHALL BE DISCHARGED INTO WATERS OF THE STATE, EXCEPT AS AUTHORIZED BY A SECTION 404 PERMIT.
- e. THE PROVISIONS OF THIS PLAN SHALL ENSURE AND DEMONSTRATE COMPLIANCE WITH APPLICABLE STATE AND/OR LOCAL WASTE DISPOSAL, SANITARY SEWER OR SEPTIC SYSTEM REGULATIONS.
- f. THE CONTRACTOR SHALL PROVIDE A WRITTEN AND GRAPHIC PLAN TO THE RESIDENT ENGINEER IDENTIFYING WHERE EACH OF THE ABOVE AREAS WILL BE LOCATED AND HOW THEY ARE TO BE MANAGED.

5. APPROVED STATE OR LOCAL LAWS

THE MANAGEMENT PRACTICES, CONTROLS AND PROVISIONS CONTAINED IN THIS PLAN WILL BE IN ACCORDANCE WITH IDOT SPECIFICATIONS, WHICH ARE AT LEAST AS PROTECTIVE AS THE REQUIREMENTS CONTAINED IN THE ILLINOIS ENVIRONMENTAL PROTECTION AGENCY'S ILLINOIS URBAN MANUAL, 1995. PROCEDURES AND REQUIREMENTS SPECIFIED IN APPLICABLE SEDIMENT AND EROSION SITE PLANS OR STORM WATER MANAGEMENT PLANS APPROVED BY LOCAL OFFICIALS SHALL BE DESCRIBED OR INCORPORATED BY REFERENCE IN THE SPACE PROVIDED BELOW. REQUIREMENTS SPECIFIED IN SEDIMENT AND EROSION SITE PLANS, SITE PERMITS, STORM WATER MANAGEMENT SITE PLANS OR SITE PERMITS APPROVED BY LOCAL OFFICIALS THAT ARE APPLICABLE TO PROTECTING SURFACE WATER RESOURCES ARE, UPON SUBMITTAL OF AN NOI, TO BE AUTHORIZED TO DISCHARGE UNDER PERMIT ILR10 INCORPORATED BY REFERENCE AND ARE ENFORCEABLE UNDER THIS PERMIT EVEN IF THEY ARE NOT SPECIFICALLY INCLUDED IN THE PLAN.

DESCRIPTION OF PROCEDURES AND REQUIREMENTS SPECIFIED IN APPLICABLE SEDIMENT AND EROSION SITE PLANS OR STORM WATER MANAGEMENT PLANS APPROVED BY LOCAL OFFICIALS:

AS INDICATED BY THE EPA.

III. MAINTENANCE:

THE FOLLOWING IS A DESCRIPTION OF PROCEDURES THAT WILL BE USED TO MAINTAIN, IN GOOD AND EFFECTIVE OPERATING CONDITIONS, THE VEGETATION, EROSION AND SEDIMENT CONTROL MEASURES AND OTHER PROTECTIVE MEASURES IDENTIFIED IN THIS PLAN. THE RESIDENT ENGINEER WILL PROVIDE MAINTENANCE GUIDES TO THE CONTRACTOR FOR THE PRACTICES ASSOCIATED WITH THIS PROJECT.

TEMPORARY DITCH CHECKS, PIPE AND INLET PROTECTION DEVICES, AND PERIMETER EROSION CONTROL BARRIERS SHALL HAVE THE SEDIMENT REMOVED OR SHALL BE REPLACED AS INDICATED BY THE ENGINEER. TEMPORARY SEEDING FOR EROSION CONTROL SHALL BE CONTINUOUSLY IMPLEMENTED AS DIRECTED BY THE ENGINEER.

IV. INSPECTIONS

QUALIFIED PERSONNEL SHALL INSPECT DISTURBED AREAS OF THE CONSTRUCTION SITE WHICH HAVE NOT YET BEEN FINALLY STABILIZED, STRUCTURAL CONTROL MEASURES, AND LOCATIONS WHERE VEHICLES AND EQUIPMENT ENTER AND EXIT THE SITE. SUCH INSPECTIONS SHALL BE CONDUCTED AT LEAST ONCE EVERY SEVEN (7) CALENDAR DAYS AND WITHIN 24 HOURS OF THE END OF A STORM THAT IS 0.5 INCHES OR GREATER OR EQUIVALENT SNOWFALL.

- A. DISTURBED AREAS, USE AREAS (STORAGE OF MATERIALS, STOCKPILES, MACHINE MAINTENANCE FUELING, ETC.), BORROW SITES, AND WASTE SITES SHALL BE INSPECTED FOR EVIDENCE OF, OR THE POTENTIAL FOR, POLLUTANTS ENTERING THE DRAINAGE SYSTEM. EROSION AND SEDIMENT CONTROL MEASURES IDENTIFIED IN THE PLAN SHALL BE OBSERVED TO ENSURE THAT THEY ARE OPERATING CORRECTLY. DISCHARGE LOCATIONS OR POINTS THAT ARE ACCESSIBLE, SHALL BE INSPECTED TO ASCERTAIN WHETHER EROSION CONTROL MEASURES ARE EFFECTIVE IN PREVENTING SIGNIFICANT IMPACTS TO RECEIVING WATERS. LOCATIONS WHERE VEHICLES ENTER OR EXIT THE SITE SHALL BE INSPECTED FOR EVIDENCE OF OFF SITE SEDIMENT TRACKING.

- B. BASED ON THE RESULTS OF THE INSPECTION, THE DESCRIPTION OF POTENTIAL POLLUTANT SOURCES IDENTIFIED IN SECTION I ABOVE AND POLLUTION PREVENTION MEASURES IDENTIFIED IN SECTION II ABOVE SHALL BE REVISED AS APPROPRIATE AS SOON AS PRACTICABLE AFTER SUCH INSPECTION. ANY CHANGES TO THIS PLAN RESULTING FROM THE REQUIRED INSPECTIONS SHALL BE IMPLEMENTED WITHIN 1/2 HOUR TO 1 WEEK BASED ON THE URGENCY OF THE SITUATION. THE RESIDENT ENGINEER WILL NOTIFY THE CONTRACTOR OF THE TIME REQUIRED TO IMPLEMENT SUCH ACTIONS THROUGH THE WEEKLY INSPECTION REPORT.

- C. A REPORT SUMMARIZING THE SCOPE OF THE INSPECTION, NAME(S) AND QUALIFICATIONS OF PERSONNEL MAKING THE INSPECTION, THE DATE(S) OF THE INSPECTION, MAJOR OBSERVATIONS RELATING TO THE IMPLEMENTATION OF THIS STORM WATER POLLUTION PREVENTION PLAN, AND ACTIONS TAKEN IN ACCORDANCE WITH SECTION IV(B) SHALL BE MADE AND RETAINED AS PART OF THE PLAN FOR AT LEAST THREE (3) YEARS AFTER THE DATE OF THE INSPECTION. THE REPORT SHALL BE SIGNED IN ACCORDANCE WITH PART VI. G OF THE GENERAL PERMIT.

- D. IF ANY VIOLATION OF THE PROVISIONS OF THIS PLAN IS IDENTIFIED DURING THE CONDUCT OF THE CONSTRUCTION WORK COVERED BY THIS PLAN, THE RESIDENT ENGINEER SHALL NOTIFY THE APPROPRIATE I.E.P.A. FIELD OPERATIONS SECTION OFFICE BY EMAIL OF: [epg.swnoncomp@illinois.gov](mailto:epg.swnoncomp@illinois.gov), TELEPHONE OR FAX WITHIN 24 HOURS OF THE INCIDENT. THE RESIDENT ENGINEER SHALL THEN COMPLETE AND SUBMIT AN "INCIDENCE OF NON-COMPLIANCE" (ION) REPORT FOR THE IDENTIFIED VIOLATION WITHIN 5 DAYS OF THE INCIDENT. THE RESIDENT ENGINEER SHALL USE FORMS PROVIDED BY THE ILLINOIS ENVIRONMENTAL PROTECTION AGENCY AND SHALL INCLUDE SPECIFIC INFORMATION ON THE CAUSE OF NONCOMPLIANCE, ACTIONS WHICH WERE TAKEN TO PREVENT ANY FURTHER CAUSES OF NONCOMPLIANCE, AND A STATEMENT DETAILING ANY ENVIRONMENTAL IMPACT WHICH MAY HAVE RESULTED FROM THE NONCOMPLIANCE. ALL REPORTS OF NONCOMPLIANCE SHALL BE SIGNED BY A RESPONSIBLE AUTHORITY IN ACCORDANCE WITH PART VI. G OF THE GENERAL PERMIT.

THE INCIDENCE OF NONCOMPLIANCE SHALL BE MAILED TO THE FOLLOWING ADDRESS:

ILLINOIS ENVIRONMENTAL PROTECTION AGENCY  
DIVISION OF WATER POLLUTION CONTROL  
ATTN: COMPLIANCE ASSURANCE SECTION  
1021 NORTH GRAND EAST  
POST OFFICE BOX 19276  
SPRINGFIELD, ILLINOIS 62794-9276

V. NON-STORM WATER DISCHARGES:

EXCEPT FOR FLOWS FROM FIRE FIGHTING ACTIVITIES, SOURCES OF NON-STORM WATER THAT IS COMBINED WITH STORM WATER DISCHARGES ASSOCIATED WITH THE INDUSTRIAL ACTIVITY ADDRESSED IN THIS PLAN MUST BE DESCRIBED BELOW. APPROPRIATE POLLUTION PREVENTION MEASURES, AS DESCRIBED BELOW, WILL BE IMPLEMENTED FOR THE NON-STORM WATER COMPONENT(S) OF THE DISCHARGE.

- A. SPILL PREVENTION AND CONTROL - BMPs SHALL BE IMPLEMENTED TO CONTAIN AND CLEAN-UP SPILLS AND PREVENT MATERIAL DISCHARGES TO THE STORM DRAIN SYSTEM. THE CONTRACTOR SHALL PRODUCE A WRITTEN PLAN STATING HOW HIS/HER COMPANY WILL PREVENT, REPORT, AND CLEAN UP SPILLS AND PROVIDE A COPY TO ALL OF HIS/HER EMPLOYEES AND THE RESIDENT ENGINEER. THE CONTRACTOR SHALL NOTIFY ALL OF HIS/HER EMPLOYEES ON THE PROPER PROTOCOL FOR REPORTING SPILLS. THE CONTRACTOR SHALL NOTIFY THE RESIDENT ENGINEER OF ANY SPILLS IMMEDIATELY.

- B. CONCRETE RESIDUALS AND WASHOUT WASTES - THE FOLLOWING BMPs SHALL BE IMPLEMENTED TO CONTROL RESIDUAL CONCRETE, CONCRETE SEDIMENTS, AND RINSE WATER:

- 1. TEMPORARY CONCRETE WASHOUT FACILITIES SHALL BE CONSTRUCTED FOR RINSING OUT CONCRETE TRUCKS. SIGNS SHALL BE INSTALLED DIRECTING CONCRETE TRUCK DRIVERS WHERE DESIGNATED WASHOUT FACILITIES ARE LOCATED.
- 2. THE CONTRACTOR SHALL HAVE THE LOCATION OF TEMPORARY CONCRETE WASHOUT FACILITIES APPROVED BY THE RESIDENT ENGINEER.
- 3. ALL TEMPORARY CONCRETE WASHOUT FACILITIES ARE TO BE INSPECTED BY THE CONTRACTOR AFTER EACH USE AND ALL SPILLS MUST BE REPORTED TO THE RESIDENT ENGINEER AND CLEANED UP IMMEDIATELY.
- 4. CONCRETE WASTE SOLIDS/LIQUIDS SHALL BE DISPOSED OF PROPERLY.

- C. LITTER MANAGEMENT - A PROPER NUMBER OF DUMPSTERS SHALL BE PROVIDED ON SITE TO HANDLE DEBRIS AND LITTER ASSOCIATED WITH THE PROJECT. THE CONTRACTOR IS RESPONSIBLE FOR ENSURING HIS/HER EMPLOYEES PLACE ALL LITTER INCLUDING MARKING PAINT CANS, SODA CANS, FOOD WRAPPERS, WOOD LATHE, MARKING RIBBON, CONSTRUCTION STRING, AND ALL OTHER CONSTRUCTION RELATED LITTER IN THE PROPER DUMPSTERS.

- D. VEHICLE AND EQUIPMENT CLEANING - VEHICLES AND EQUIPMENT ARE TO BE CLEANED IN DESIGNATED AREAS ONLY, PREFERABLY OFF SITE.

- E. VEHICLE AND EQUIPMENT FUELING - A VARIETY OF BMPs CAN BE IMPLEMENTED DURING FUELING OF VEHICLES AND EQUIPMENT TO PREVENT POLLUTION. THE CONTRACTOR SHALL INFORM THE RESIDENT ENGINEER AS TO WHICH BMPs WILL BE USED ON THE PROJECT. THE CONTRACTOR SHALL INFORM THE RESIDENT ENGINEER HOW (S)HE WILL BE INFORMING HIS/HER EMPLOYEES OF THESE BMPs (I.E. SIGNS, TRAINING, ETC.). BELOW ARE A FEW EXAMPLES OF THESE BMPs:






- 1. CONTAINMENT
- 2. SPILL PREVENTION AND CONTROL
- 3. USE OF DRIP PANS AND ABSORBENTS
- 4. AUTOMATIC SHUT-OFF NOZZLES
- 5. TOPPING OFF RESTRICTIONS
- 6. LEAK INSPECTION AND REPAIR

- F. VEHICLE AND EQUIPMENT MAINTENANCE - ON SITE MAINTENANCE MUST BE PERFORMED IN ACCORDANCE WITH ALL ENVIRONMENTAL LAWS SUCH AS PROPER STORAGE AND NO DUMPING OF OLD ENGINE OIL OR OTHER FLUIDS ON SITE.

VI. FAILURE TO COMPLY:

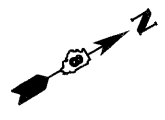
FAILURE TO COMPLY WITH ANY PROVISIONS OF THIS STORM WATER POLLUTION PREVENTION PLAN WILL RESULT IN THE IMPLEMENTATION OF AN EROSION AND SEDIMENT CONTROL DEFICIENCY DEDUCTION AGAINST THE CONTRACTOR AND/OR PENALTIES UNDER THE NPDES PERMIT WHICH COULD BE PASSED ONTO THE CONTRACTOR.

LEGEND

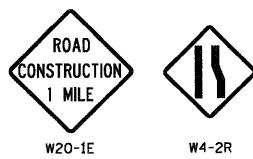
-  TEMPORARY DITCH CHECK- ROLLED EXCELSIOR, SILT WEDGES/PANELS
-  TEMPORARY DITCH CHECK- AGGREGATE
-  EROSION CONTROL BLANKET
-  PERIMETER EROSION BARRIER- SILT FILTER FENCE OR OTHER AS APPROVED BY THE ENGINEER
-  INLET AND PIPE PROTECTION- STRAW BALES, FILTER FABRIC, AGGREGATES

FILE NAME = D876838-shr-swppp.dgn	USER NAME = cha	DESIGNED - CHA	REVISED - 4-20-09	<b>STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION</b>	<b>SWPPP PLAN</b>				F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	
	PLOT SCALE = 1:50	DRAWN - CHA	REVISED -		SCALE:	SHEET NO.	OF	SHEETS	STA.	TO STA.	600	60-(30,31,128)-1	399	147B
	PLOT DATE = 8/24/2009	CHECKED -	REVISED -						CONTRACT NO. 76830					
		DATE - 8-23-09	REVISED -						FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT					

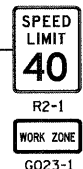




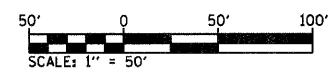
1. CONTRACTOR SHALL ADJUST LOCATION OF ADVANCED WARNING SIGNS AS DIRECTED BY THE ENGINEER.
2. IN ADDITION TO SIGNS SHOWN, ALL SIDEROADS SHALL HAVE "ROAD CONSTRUCTION AHEAD" SIGNS. THE COST SHALL BE INCLUDED IN THE TRAFFIC CONTROL STANDARDS FOR THE PROJECT.



END CONSTRUCTION PHASE I & II

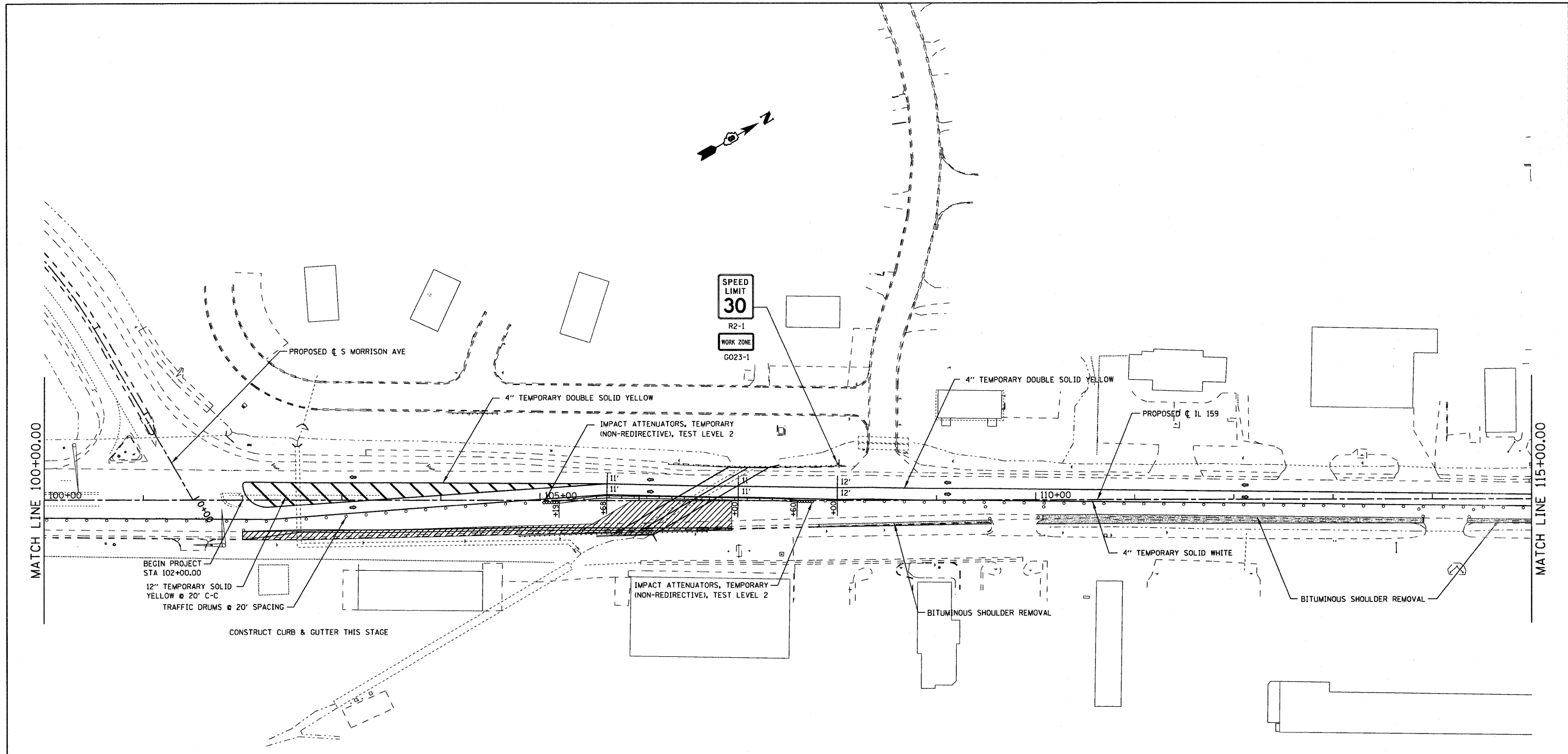


LEGEND	
DIRECTION OF TRAFFIC	→
PHASE I CONSTRUCTION	[Diagonal hatching]
PHASE II CONSTRUCTION	[Diagonal hatching]
SHORT TERM PAVEMENT	[Stippled pattern]
PAVEMENT REMOVAL	[Cross-hatched pattern]
TRAFFIC DRUM WITH STEADY BURNING LIGHT	○
TYPE III BARRICADE	TT

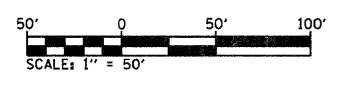


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FILE NAME =	USER NAME = default	DESIGNED -	REVISED -	<b>STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION</b>	<b>SUGGESTED STAGES OF CONSTRUCTION AND TRAFFIC CONTROL - STAGE 1</b>	F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	
pa\projects\613581\cadd\ dgn\0876830-sh	staging\l.dgn	DRAWN -	REVISED -			600	60-(30,31,128)-1	WADSWORTH, CLAIR	399	149	
PLOT SCALE = 50.0000' / IN.	CHECKED -	REVISED -	REVISED -			SCALE: 1" = 50'		SHEET NO. 2 OF 6 SHEETS		STA. N/A	TO STA. 100+00.00
PLOT DATE = 6/25/2009	DATE -	REVISED -	REVISED -			CONTRACT NO. 76830		ILLINOIS FED. AID PROJECT			



LEGEND	
DIRECTION OF TRAFFIC	
PHASE I CONSTRUCTION	
PHASE II CONSTRUCTION	
SHORT TERM PAVEMENT	
PAVEMENT REMOVAL	
TRAFFIC DRUM WITH STEADY BURNING LIGHT	
TYPE III BARRICADE	

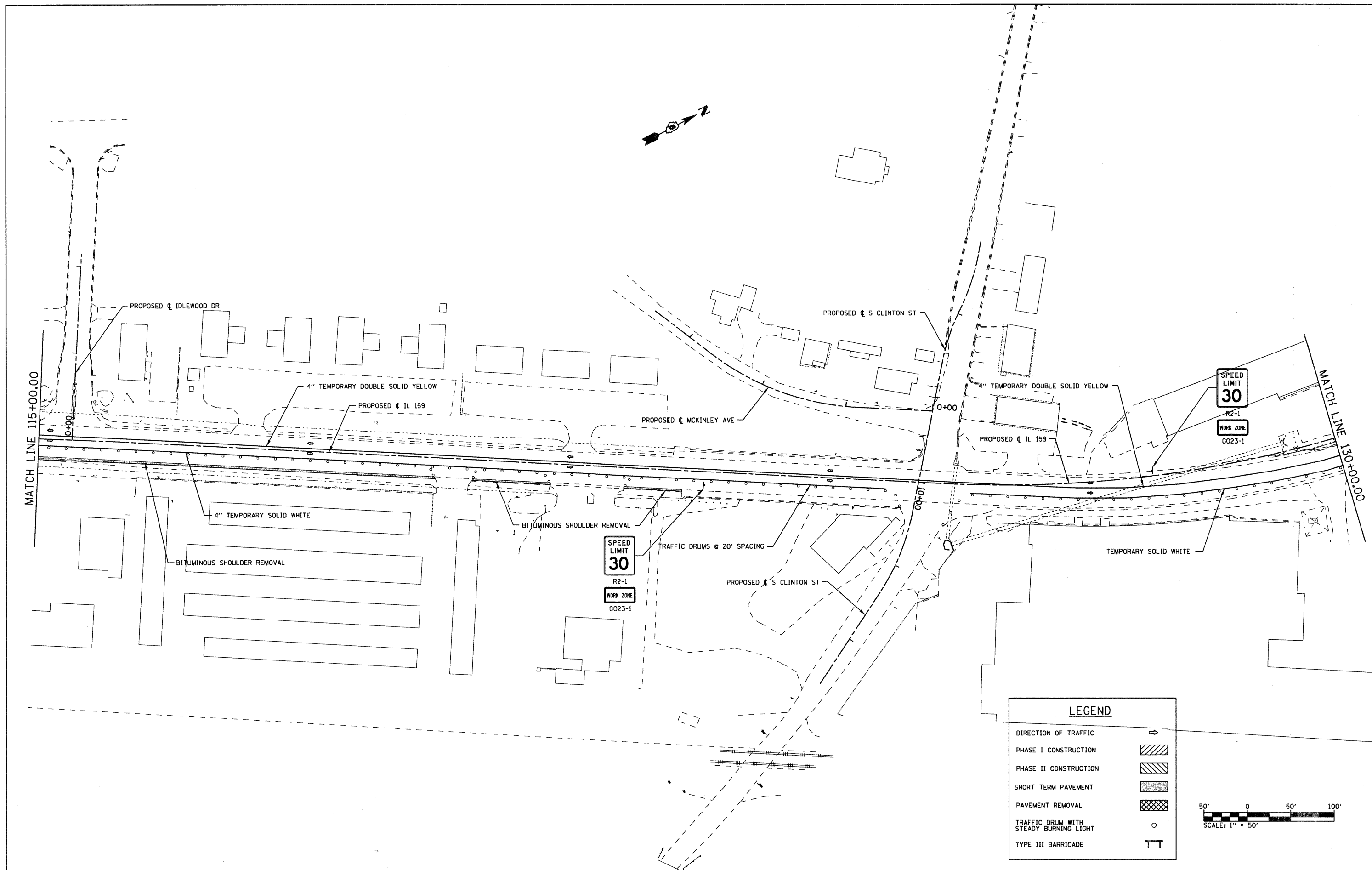


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	PLOT SCALE = 50.0000 "/td> <td>CHECKED -</td> <td>REVISED -</td>	CHECKED -	REVISED -
	PLOT DATE = 8/25/2009	DATE -	REVISED -

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

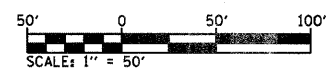
<b>SUGGESTED STAGES OF CONSTRUCTION AND TRAFFIC CONTROL - STAGE 1</b>			
SCALE: 1" = 50'	SHEET NO. 3 OF 6 SHEETS	STA. 100+00.00 TO STA. 115+00.00	

F.A.P. RTE. 600	SECTION 60-(30,31,12B)-1	COUNTY MADISON/ST. CLAIR	TOTAL SHEETS 399	SHEET NO. 150
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT			CONTRACT NO. 76830	



**LEGEND**

- DIRECTION OF TRAFFIC
- PHASE I CONSTRUCTION
- PHASE II CONSTRUCTION
- SHORT TERM PAVEMENT
- PAVEMENT REMOVAL
- TRAFFIC DRUM WITH STEADY BURNING LIGHT
- TYPE III BARRICADE



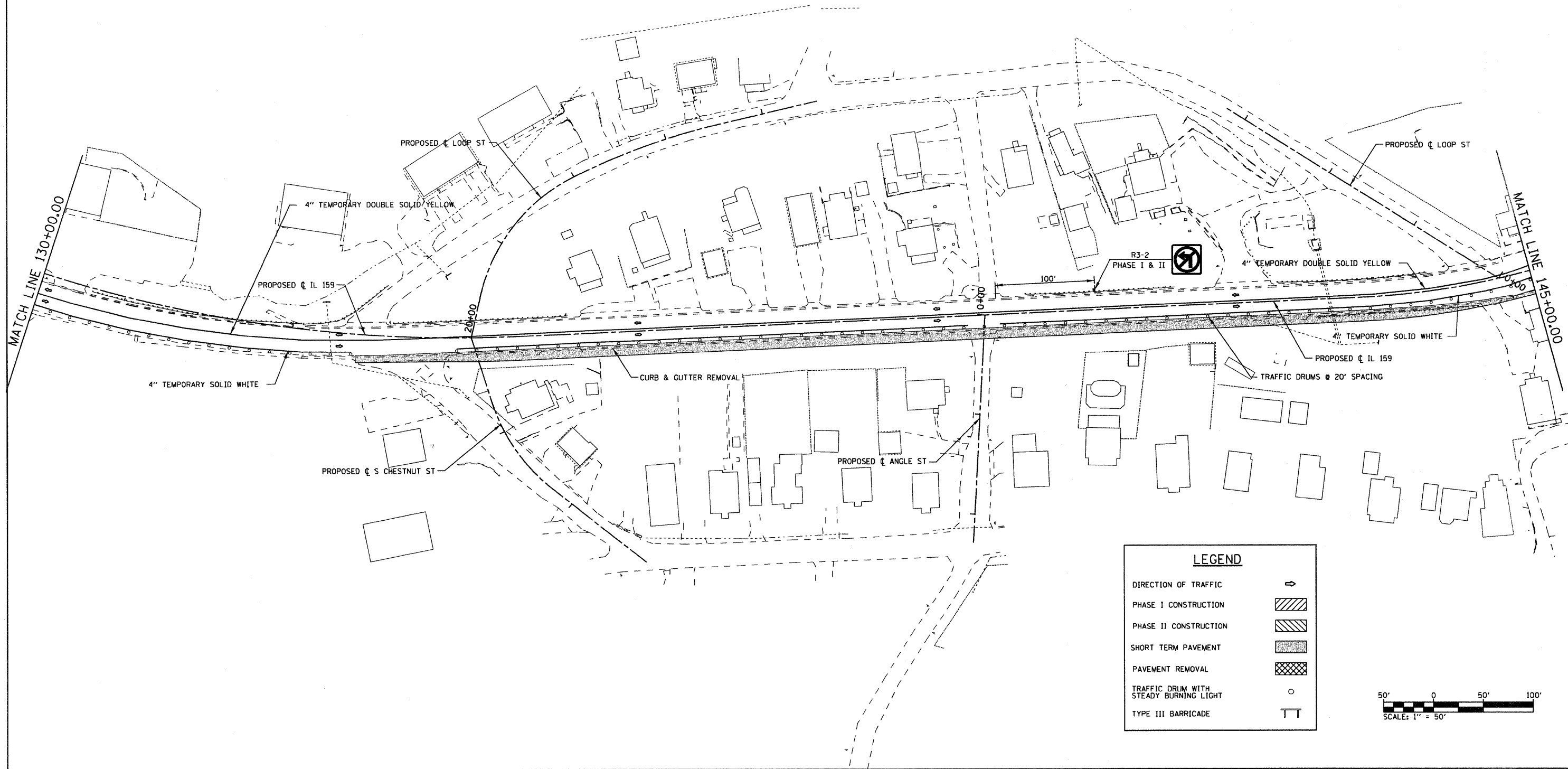
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PLOT DATE = 8/25/2009		DATE -	REVISED -

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

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

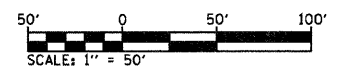
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F.A.P. RTE. 600	SECTION 60-(30,31,128)-1	COUNTY MADISON/ST. CLAIR	TOTAL SHEETS 399	SHEET NO. 151
FED. ROAD DIST. NO. ILLINOIS		FED. AID PROJECT CONTRACT NO. 76830		



**LEGEND**

- DIRECTION OF TRAFFIC ➔
- PHASE I CONSTRUCTION ▨
- PHASE II CONSTRUCTION ▩
- SHORT TERM PAVEMENT ▧
- PAVEMENT REMOVAL ▣
- TRAFFIC DRUM WITH STEADY BURNING LIGHT ○
- TYPE III BARRICADE TT



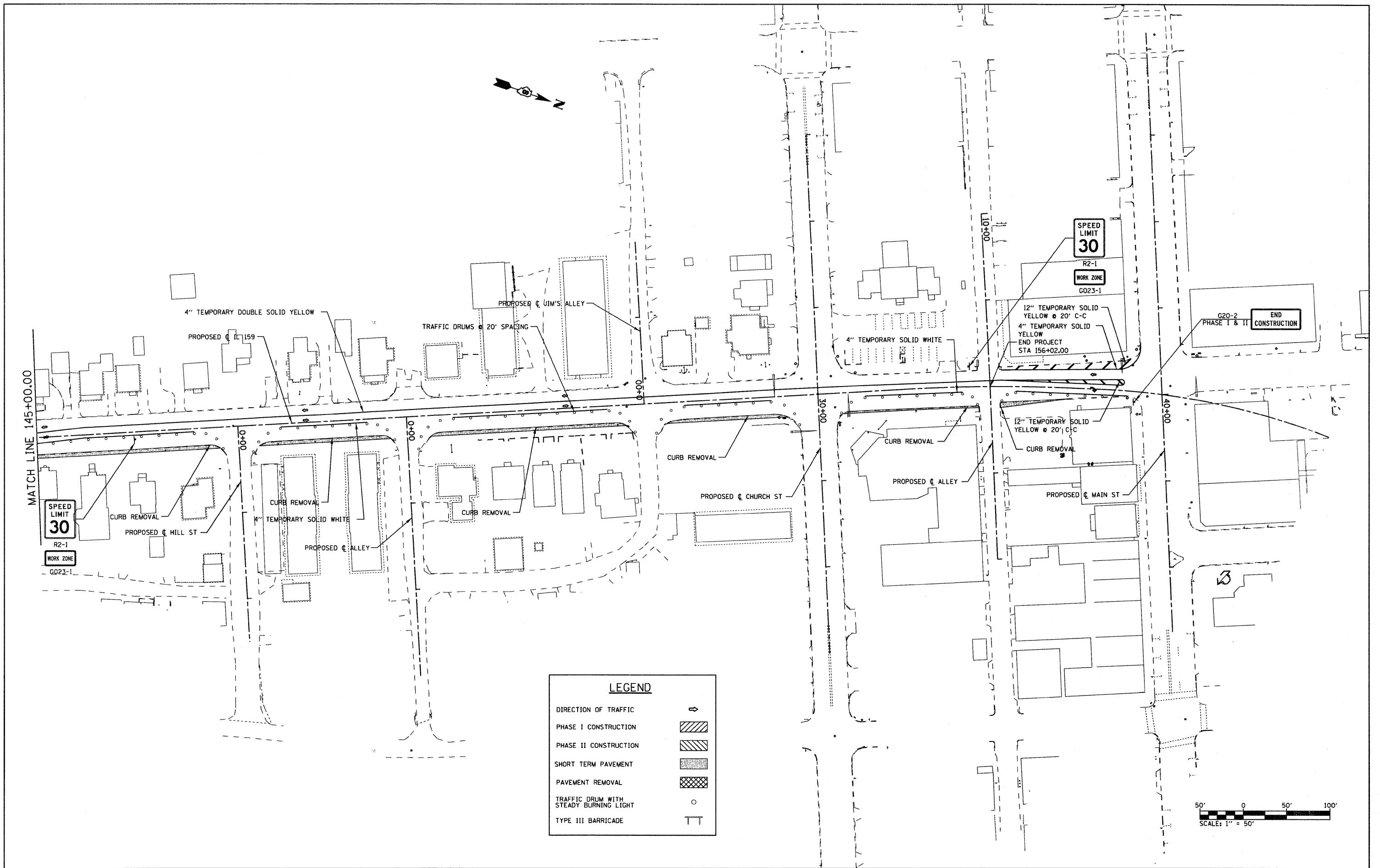
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	PLOT DATE = 8/25/2009	DATE -	REVISED -

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

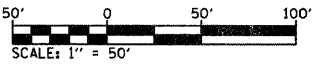
**SUGGESTED STAGES OF CONSTRUCTION AND TRAFFIC CONTROL - STAGE 1**

SCALE: 1" = 50'    SHEET NO. 5 OF 6 SHEETS    STA. 130+00.00 TO STA. 145+00.00

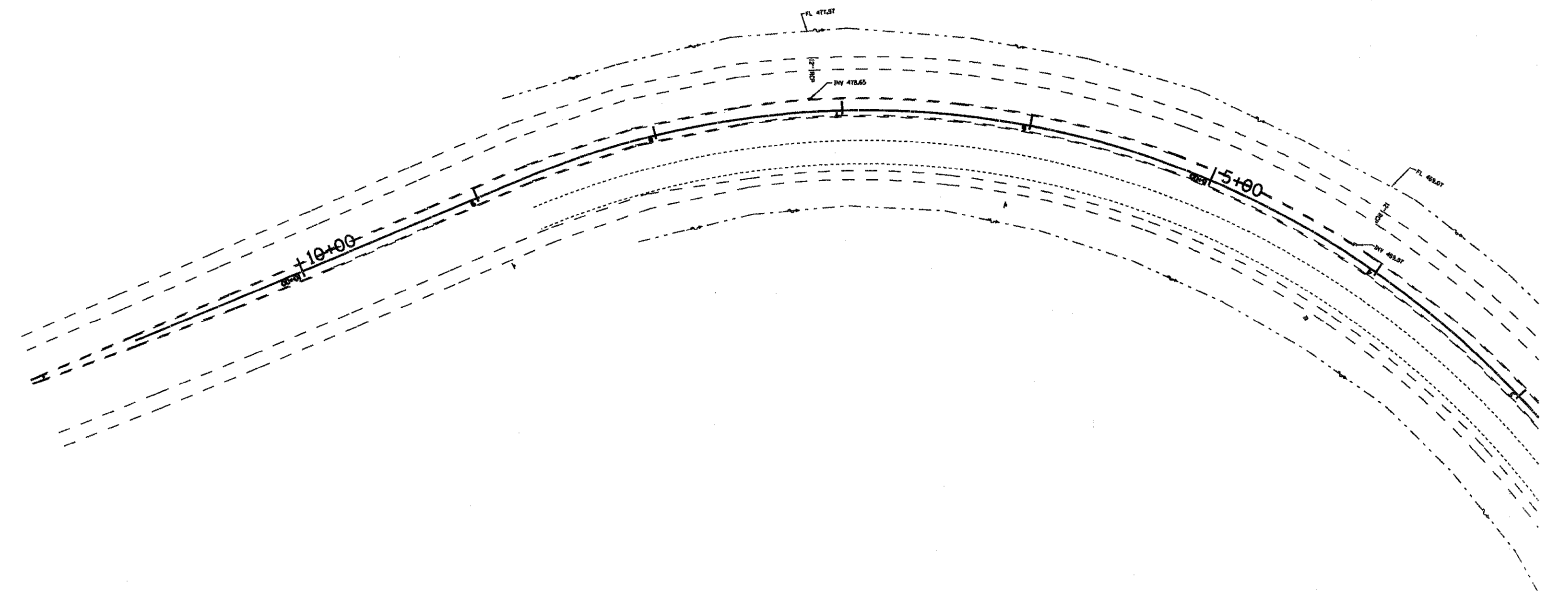
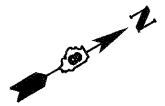
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
600	60-(30,31,128)-1	WADSWORTH, CLAIR	399	152
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT			CONTRACT NO. 76830	



LEGEND	
DIRECTION OF TRAFFIC	⇄
PHASE I CONSTRUCTION	▨
PHASE II CONSTRUCTION	▩
SHORT TERM PAVEMENT	▧
PAVEMENT REMOVAL	▣
TRAFFIC DRUM WITH STEADY BURNING LIGHT	○
TYPE III BARRICADE	TT



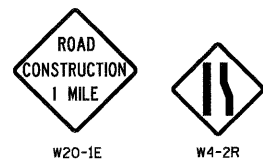
FILE NAME =	USER NAME = default	DESIGNED -	REVISED -	<b>STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION</b>	<b>SUGGESTED STAGES OF CONSTRUCTION AND TRAFFIC CONTROL - STAGE 1</b>	F.A.P. RTE. 600	SECTION 60-(30,31,128)-1	COUNTY MADISON/ST. CLAIR	TOTAL SHEETS 399	SHEET NO. 153	
pr:\p-objects\513501\cadd\dgn\0876830-shd	staging1.dgn	DRAWN -	REVISED -			SCALE: 1" = 50'	SHEET NO. 6 OF 6 SHEETS	STA. 145+00.00 TO STA. N/A	CONTRACT NO. 76830		
		CHECKED -	REVISED -								
		DATE - 8/26/2009	REVISED -								



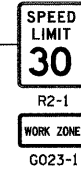
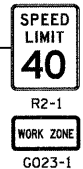
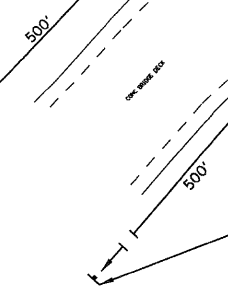
NOTES:

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.

ADVANCED WARNING SIGNS:



END CONSTRUCTION PHASE I & II

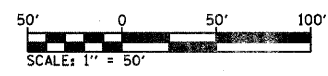


TRAFFIC DRUMS @ 20' SPACING

4" TEMPORARY SOLID WHITE

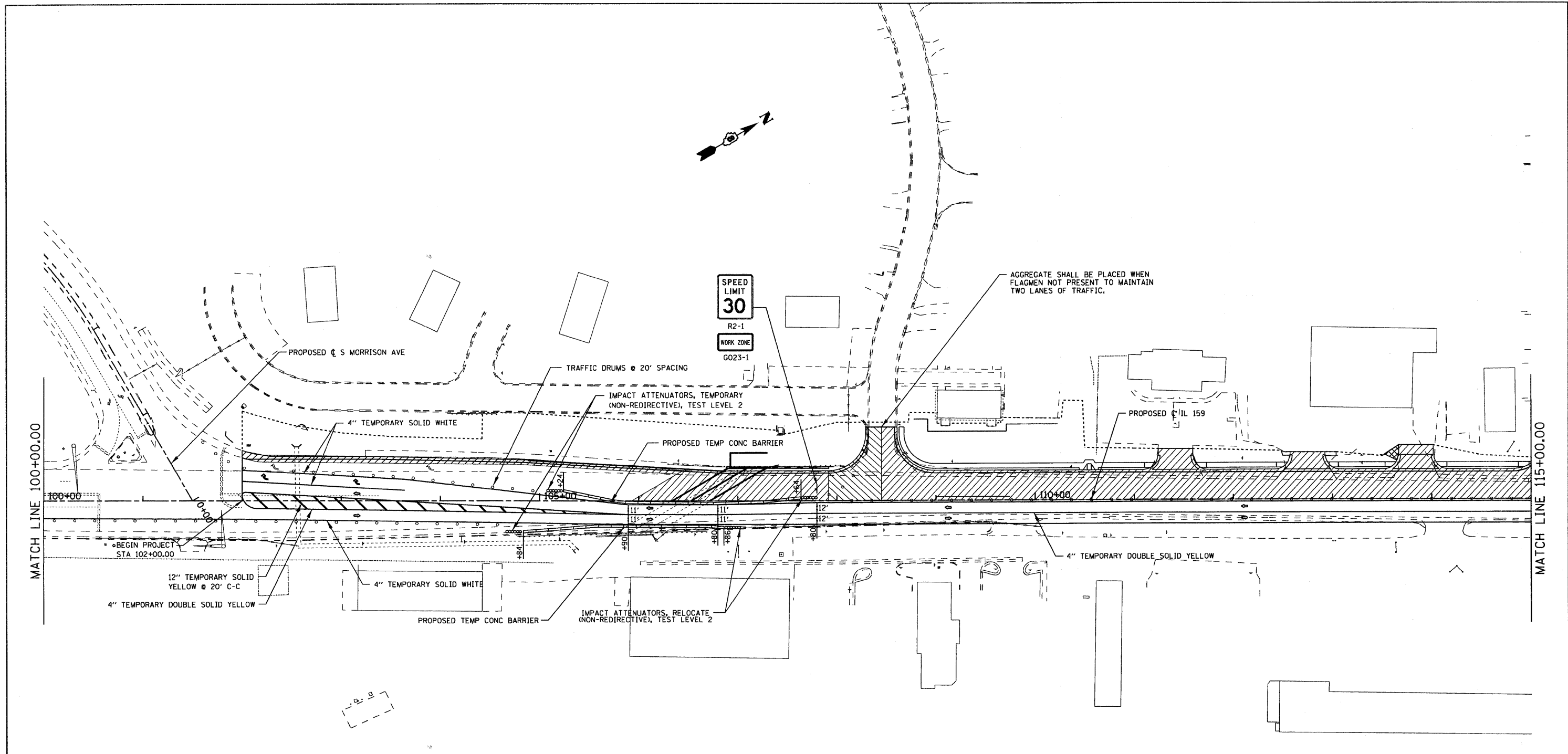
MATCH LINE 100+00.00

LEGEND	
DIRECTION OF TRAFFIC	⇄
PHASE I CONSTRUCTION	
PHASE II CONSTRUCTION	
SHORT TERM PAVEMENT	
PAVEMENT REMOVAL	
TRAFFIC DRUM WITH STEADY BURNING LIGHT	○
TYPE III BARRICADE	⊥

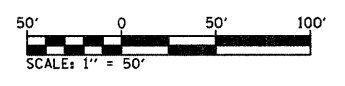


FILE NAME =	USER NAME = default	DESIGNED -	REVISED -	<b>STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION</b>	<b>SUGGESTED STAGES OF CONSTRUCTION AND TRAFFIC CONTROL - STAGE 2</b>				F.A.P. RTE. *	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
pr\projects\513581\cadd\dgn\0876830-sh1	staging2.dgn	DRAWN -	REVISED -		SCALE: 1" = 50'	SHEET NO. 1 OF 5 SHEETS	STA. N/A	TO STA. 100+00.00	600	60-(30,31,12B)-1	WADSWORTH, CLAIR	399	154
	PLOT SCALE = 50.0000' / IN.	CHECKED -	REVISED -						CONTRACT NO. 76830				
	PLOT DATE = 8/25/2009	DATE -	REVISED -						ILLINOIS FED. AID PROJECT				





LEGEND	
DIRECTION OF TRAFFIC	⇄
PHASE I CONSTRUCTION	▨
PHASE II CONSTRUCTION	▩
SHORT TERM PAVEMENT	▧
PAVEMENT REMOVAL	▣
TRAFFIC DRUM WITH STEADY BURNING LIGHT	○
TYPE III BARRICADE	TT



FILE NAME = p:\projects\513581\cadd\dgn\0876838-sh	USER NAME = default staging2.dgn	DESIGNED -	REVISED -	<b>STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION</b>	<b>SUGGESTED STAGES OF CONSTRUCTION AND TRAFFIC CONTROL - STAGE 2</b>	F.A.P. RTE. 600	SECTION 60-(30,31,128)-1	COUNTY MADISON/ST. CLAIR	TOTAL SHEETS 399	SHEET NO. 155		
	PLOT SCALE = 50,0000 ' / IN.	CHECKED -	REVISED -			SCALE: 1" = 50'	SHEET NO. 2 OF 5 SHEETS	STA. 100+00.00 TO STA. 115+00.00	CONTRACT NO. 76830			
	PLOT DATE = 8/25/2009	DATE -	REVISED -			FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT						

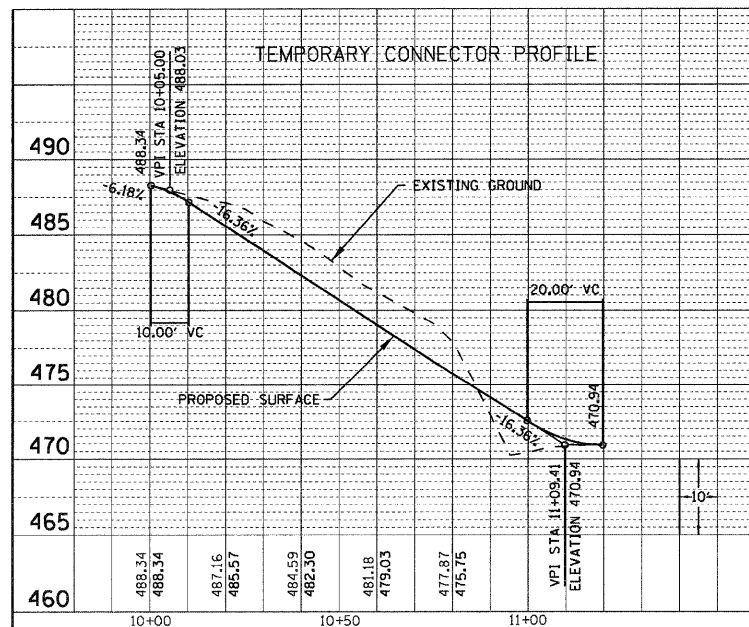
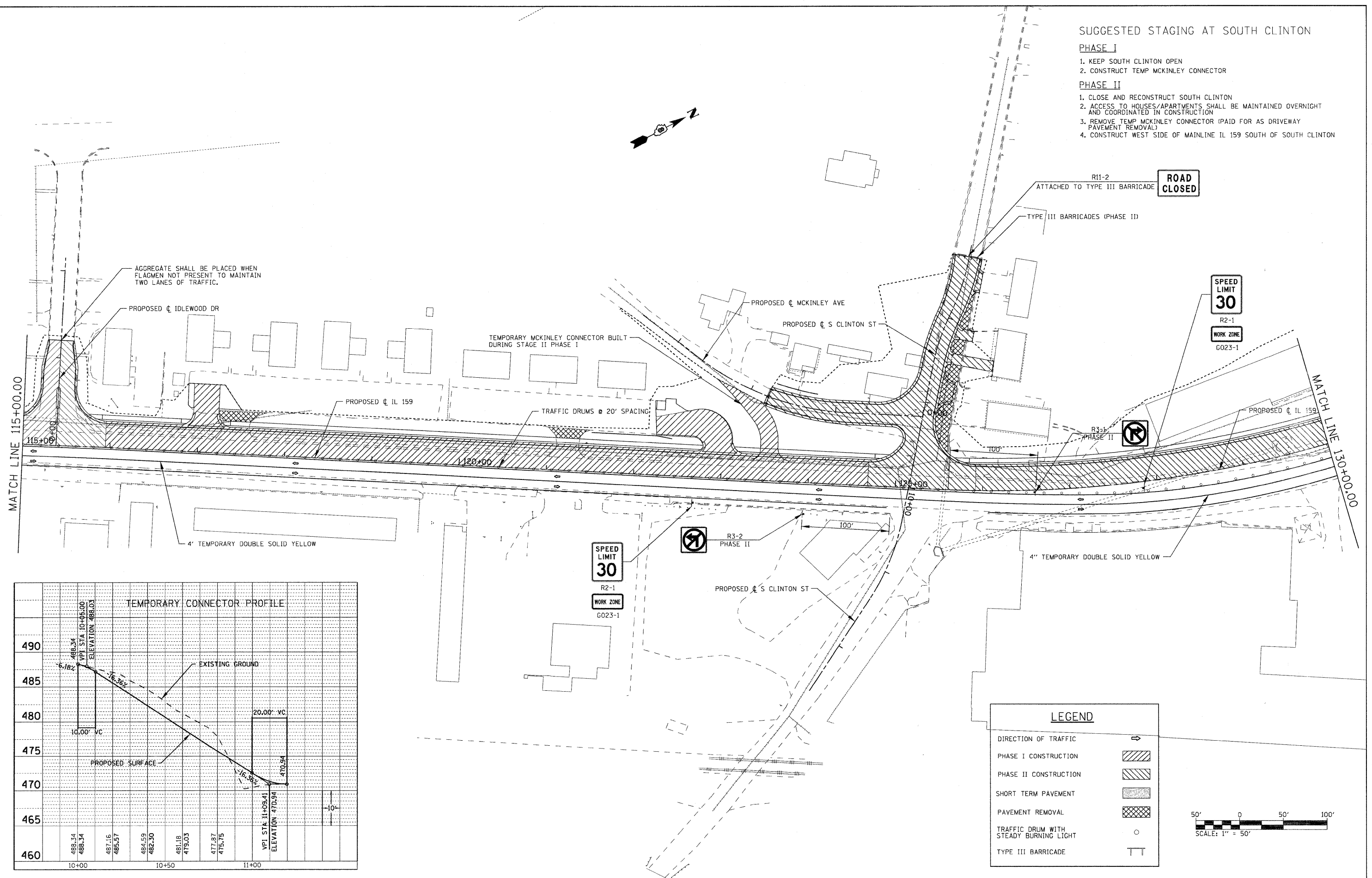
SUGGESTED STAGING AT SOUTH CLINTON

PHASE I

1. KEEP SOUTH CLINTON OPEN
2. CONSTRUCT TEMP MCKINLEY CONNECTOR

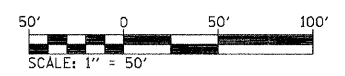
PHASE II

1. CLOSE AND RECONSTRUCT SOUTH CLINTON
2. ACCESS TO HOUSES/APARTMENTS SHALL BE MAINTAINED OVERNIGHT AND COORDINATED IN CONSTRUCTION
3. REMOVE TEMP MCKINLEY CONNECTOR (PAID FOR AS DRIVEWAY PAVEMENT REMOVAL)
4. CONSTRUCT WEST SIDE OF MAINLINE IL 159 SOUTH OF SOUTH CLINTON



LEGEND

DIRECTION OF TRAFFIC	
PHASE I CONSTRUCTION	
PHASE II CONSTRUCTION	
SHORT TERM PAVEMENT	
PAVEMENT REMOVAL	
TRAFFIC DRUM WITH STEADY BURNING LIGHT	
TYPE III BARRICADE	



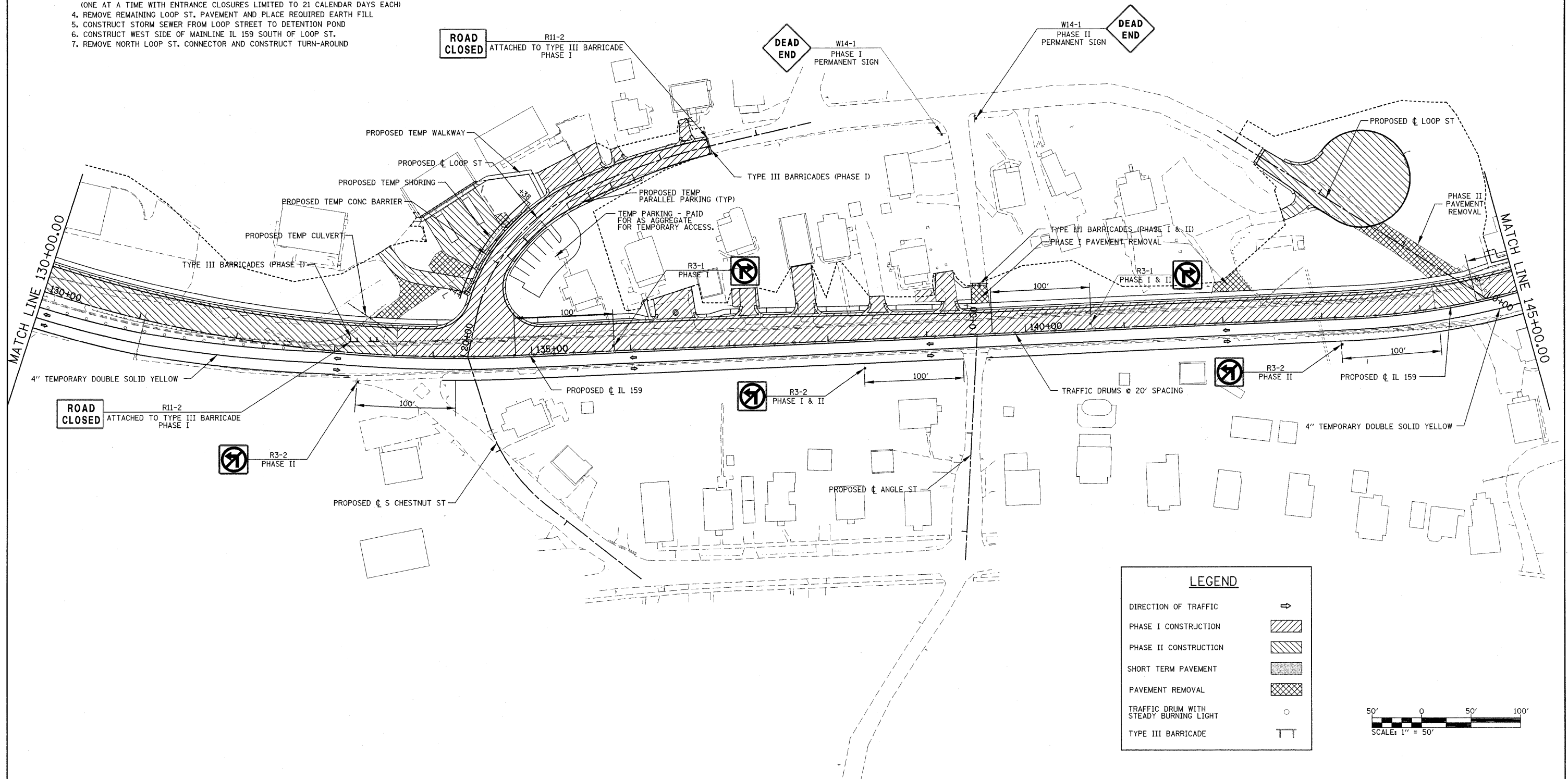
SUGGESTED STAGING AT SOUTH LOOP ST. (LIMITED TO 90 WORKING DAYS)

PHASE I

1. KEEP NORTH LOOP ST. OPEN AND SOUTH LOOP ST. OPEN TO FIRST TWO APARTMENTS
2. ACCESS TO ALL APARTMENTS/HOUSES TO BE MAINTAINED OVERNIGHT/COORDINATED IN CONSTRUCTION
3. MOVE UTILITIES (INCLUDING THOSE REQUIRED TO RELOCATE FOR TEMP. SHORING)
4. CONSTRUCT TEMP CULVERT UNDER EXISTING SOUTH LOOP FOR DRAINAGE OF STORM SEWER FROM THE NORTH
5. PLACE SHORING FOR PROPOSED S. LOOP ROADWAY SLOPES ON SOUTH SIDE TO KEEP ACCESS
6. CONSTRUCT STORM SEWER UNDER MAINLINE IL 159 FROM NORTH OF LOOP ST.
7. CONSTRUCT STORM SEWER ON WEST PORTION OF SOUTH LOOP TO WEST OF SECOND APARTMENT BUILDING
8. CONSTRUCT NEW SOUTH LOOP ST. INTERSECTION AND MAINLINE IL 159 PAVEMENT NORTH OF SOUTH LOOP ST.
9. TEMP. SIDEWALK/STAIRS CONSTRUCTED FROM STREET TO APARTMENTS

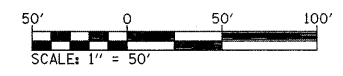
PHASE II

1. SIGN LOOP ST. FOR TEMP. ONE-WAY (SB) TRAFFIC TO TEMPORARILY ALLOW PARKING ON EAST SIDE
2. BUILD STORM SEWER TO SOUTH OF FIRST DRIVE
3. PLACE EARTH FILL AND RECONSTRUCT DRIVES AT STA 18+92.3 AND STA 19+28.7 (ONE AT A TIME WITH ENTRANCE CLOSURES LIMITED TO 21 CALENDAR DAYS EACH)
4. REMOVE REMAINING LOOP ST. PAVEMENT AND PLACE REQUIRED EARTH FILL
5. CONSTRUCT STORM SEWER FROM LOOP STREET TO DETENTION POND
6. CONSTRUCT WEST SIDE OF MAINLINE IL 159 SOUTH OF LOOP ST.
7. REMOVE NORTH LOOP ST. CONNECTOR AND CONSTRUCT TURN-AROUND



**LEGEND**

- DIRECTION OF TRAFFIC →
- PHASE I CONSTRUCTION [diagonal hatching]
- PHASE II CONSTRUCTION [cross-hatching]
- SHORT TERM PAVEMENT [stippled pattern]
- PAVEMENT REMOVAL [cross-hatching]
- TRAFFIC DRUM WITH STEADY BURNING LIGHT ○
- TYPE III BARRICADE TT

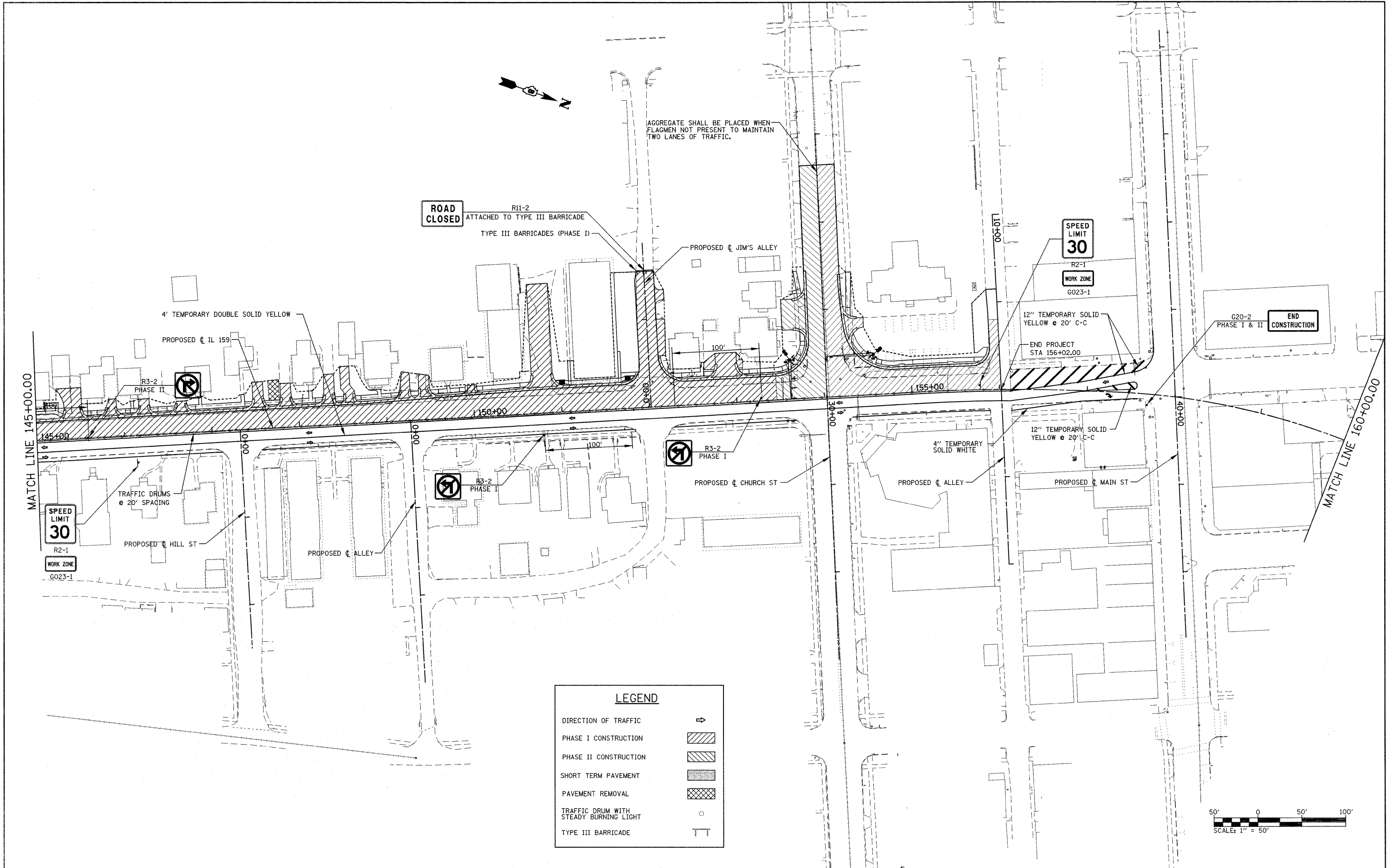


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	PLOT DATE = 4/30/2010	DATE -	REVISED -

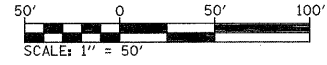
STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

SUGGESTED STAGES OF CONSTRUCTION AND TRAFFIC CONTROL - STAGE 2  
SCALE: 1" = 50' SHEET NO. 4 OF 5 SHEETS STA. 130+00.00 TO STA. 145+00.00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
600	60-(30,31,128)-1	MAISON/ST. CLAIR	399	157
FED. ROAD DIST. NO.			ILLINOIS FED. AID PROJECT	
			CONTRACT NO. 76830	



LEGEND	
DIRECTION OF TRAFFIC	⇨
PHASE I CONSTRUCTION	▨
PHASE II CONSTRUCTION	▩
SHORT TERM PAVEMENT	▧
PAVEMENT REMOVAL	▣
TRAFFIC DRUM WITH STEADY BURNING LIGHT	○
TYPE III BARRICADE	⊥



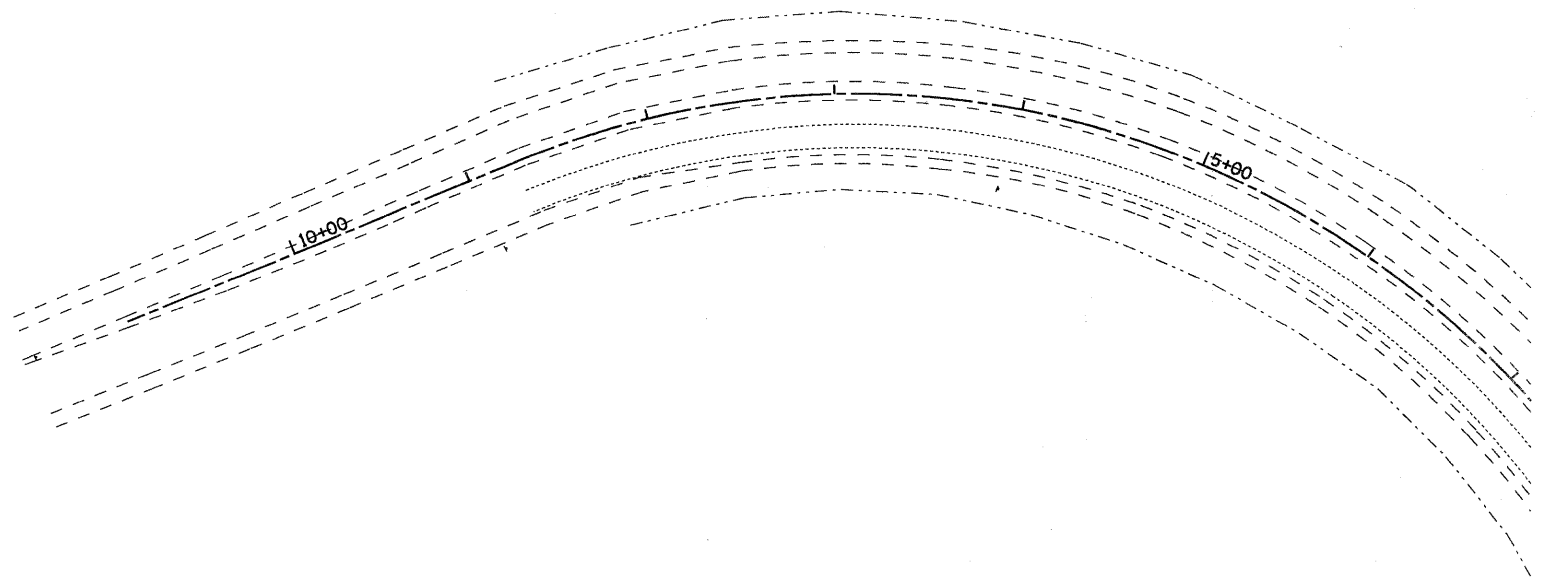
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	PLOT DATE = 12/17/2009	DATE -	REVISED -

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

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

SCALE: 1" = 50'    SHEET NO. 5 OF 5 SHEETS    STA. 145+00.00 TO STA. N/A

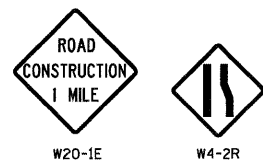
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
600	60-(30,31,128)-1	MADISON/ST. CLAIR	399	158
CONTRACT NO. 76830				
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		



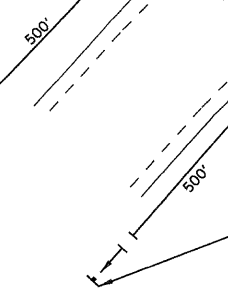
NOTES:

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.

ADVANCED WARNING SIGNS:



END CONSTRUCTION PHASE I & II



SPEED LIMIT 40  
R2-1  
WORK ZONE  
G023-1

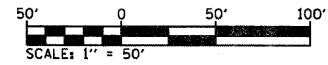
TRAFFIC DRUMS @ 20' SPACING

SPEED LIMIT 30  
R2-1  
WORK ZONE  
G023-1

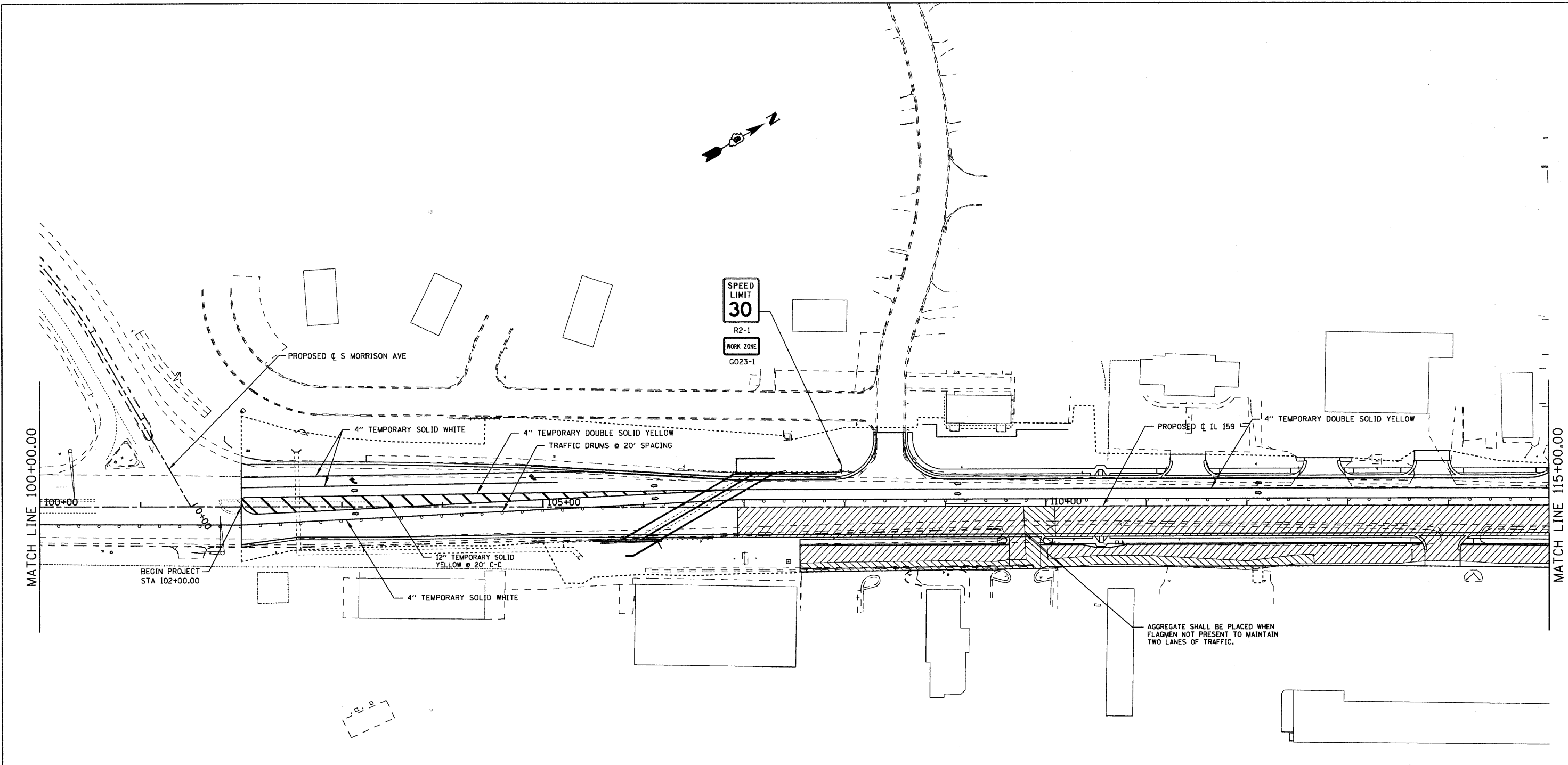
4" TEMPORARY SOLID WHITE

MATCH LINE 100+00.00

LEGEND	
DIRECTION OF TRAFFIC	⇄
PHASE I CONSTRUCTION	
PHASE II CONSTRUCTION	
SHORT TERM PAVEMENT	
PAVEMENT REMOVAL	
TRAFFIC DRUM WITH STEADY BURNING LIGHT	○
TYPE III BARRICADE	TT



FILE NAME =	USER NAME = default	DESIGNED -	REVISED -	<b>STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION</b>	<b>SUGGESTED STAGES OF CONSTRUCTION AND TRAFFIC CONTROL - STAGE 3</b>			F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	
pt\projects\513501\cadd\ dgn\0876830-sh	staging3.dgn	DRAWN -	REVISED -					600	60-(30,31,128)-1	MADISON/ST. CLAIR	399	159	
PLOT SCALE = 50.0000' / IN.	CHECKED -	REVISED -	REVISED -		SCALE: 1" = 50'			SHEET NO. 1 OF 5 SHEETS		STA. N/A	TO STA. 100+00.00	CONTRACT NO. 76830	
PLOT DATE = 8/25/2009	DATE -	REVISED -	REVISED -		FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT						



SPEED LIMIT  
30  
R2-1  
WORK ZONE  
G023-1

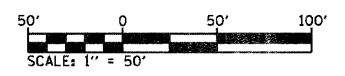
MATCH LINE 100+00.00

MATCH LINE 115+00.00

BEGIN PROJECT  
STA 102+00.00

AGGREGATE SHALL BE PLACED WHEN  
FLAGMEN NOT PRESENT TO MAINTAIN  
TWO LANES OF TRAFFIC.

LEGEND	
DIRECTION OF TRAFFIC	⇨
PHASE I CONSTRUCTION	
PHASE II CONSTRUCTION	
SHORT TERM PAVEMENT	
PAVEMENT REMOVAL	
TRAFFIC DRUM WITH STEADY BURNING LIGHT	○
TYPE III BARRICADE	TT



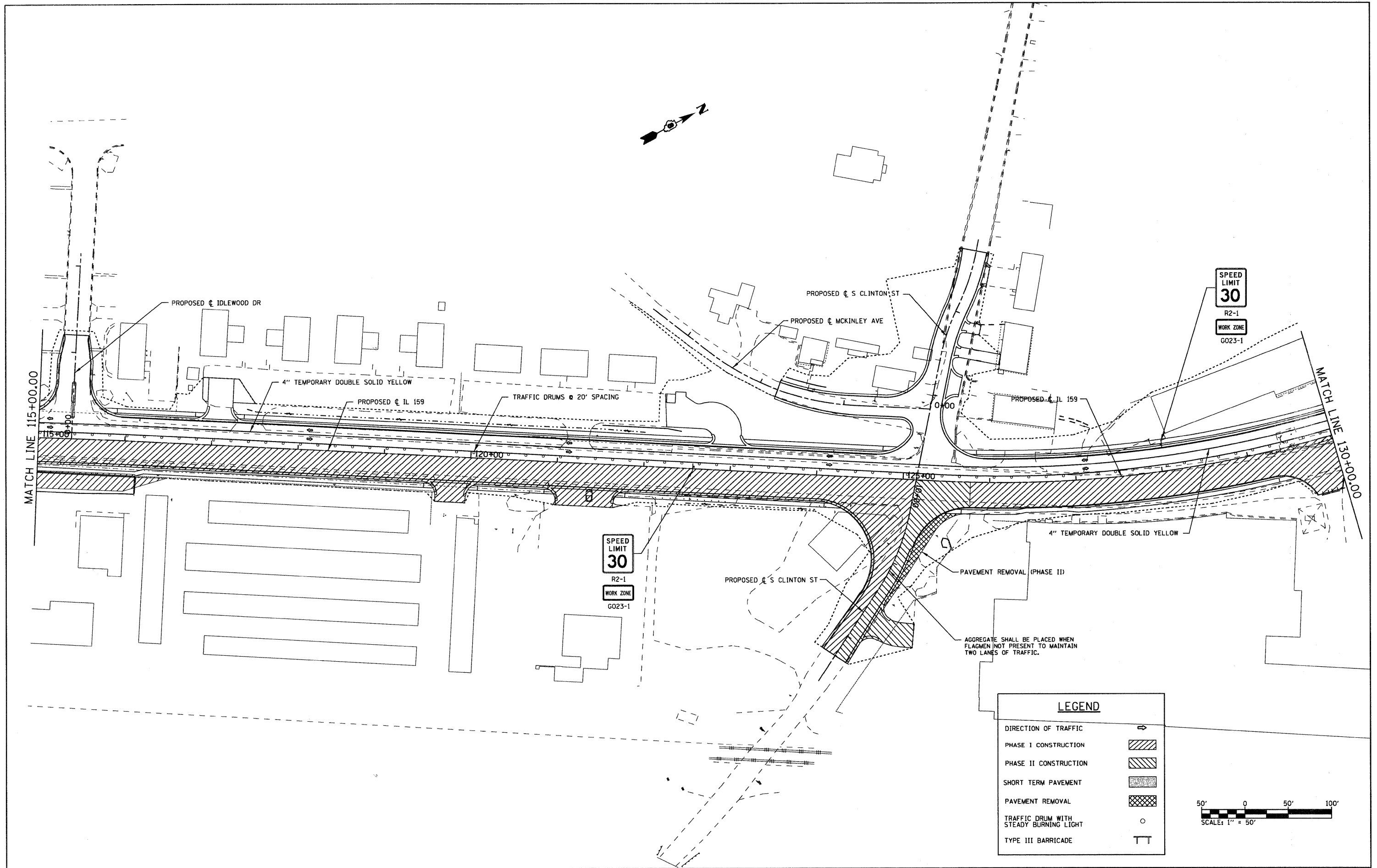
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	PLOT DATE = 8/25/2009	DATE -	REVISED -

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

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

SCALE: 1" = 50' SHEET NO. 2 OF 5 SHEETS STA. 100+00.00 TO STA. 115+00.00

F.A.P. RTE. 600	SECTION 60-(30,31,128)-1	COUNTY MADISON ST. CLAIR	TOTAL SHEETS 399	SHEET NO. 160
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT			CONTRACT NO. 76830	



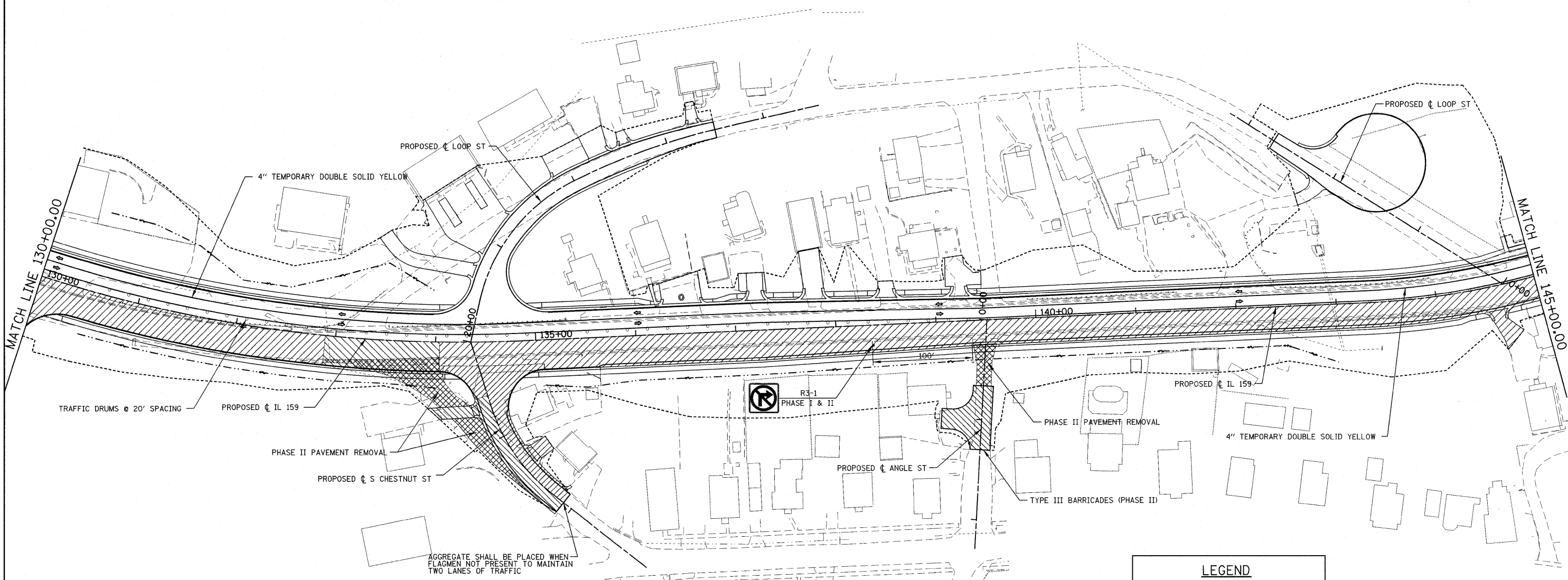
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	PLOT SCALE = 50.0000' / IN.	CHECKED -	REVISED -
	PLOT DATE = 8/25/2009	DATE -	REVISED -

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

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

SCALE: 1" = 50'    SHEET NO. 3 OF 5 SHEETS    STA. 115+00.00 TO STA. 130+00.00

F.A.P. RTE. *	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
600	60-(30,31,12B)-1	WADSWORTH/ST. CLAIR	399	161
CONTRACT NO. 76830				
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		



**SUGGESTED STAGING AT SOUTH CHESTNUT ST AND ANGLE ST**

**PHASE I**

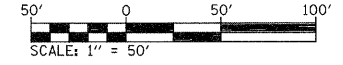
1. KEEP EXISTING INTERSECTION AND A MINIMUM OF HALF OF EXISTING S CHESTNUT ST OPEN
2. ACCESS TO ALL RESIDENCES SHALL BE MAINTAINED OVERNIGHT/ COORDINATED IN CONSTRUCTION
3. CONSTRUCT NEW INTERSECTION NORTH LANE OF NEW S CHESTNUT ALIGNMENT

**PHASE II**

1. CLOSE EXISTING INTERSECTION AND USE AS TEMP PARKING FOR HOUSE
2. CONSTRUCT SOUTH LANE AND ENTRANCE TO RESIDENCE (ENTRANCE CLOSURE LIMITED TO 10 DAYS)
3. CLOSE ANGLE ST, BUILD TURN-AROUND AND SIGN AS DEAD-END

\*NOTE: WHEN FLAG-MEN ARE NOT PRESENT AGGREGATE SHALL BE PLACED TO ALLOW TWO LANES OF TRAFFIC ON S CHESTNUT

LEGEND	
DIRECTION OF TRAFFIC	→
PHASE I CONSTRUCTION	
PHASE II CONSTRUCTION	
SHORT TERM PAVEMENT	
PAVEMENT REMOVAL	
TRAFFIC DRUM WITH STEADY BURNING LIGHT	○
TYPE III BARRICADE	TT



FILE NAME =  
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 CHECKED -  
 PLOT DATE = 4/30/2010

DESIGNED -  
 DRAWN -  
 CHECKED -  
 DATE -

REVISED -  
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**STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION**

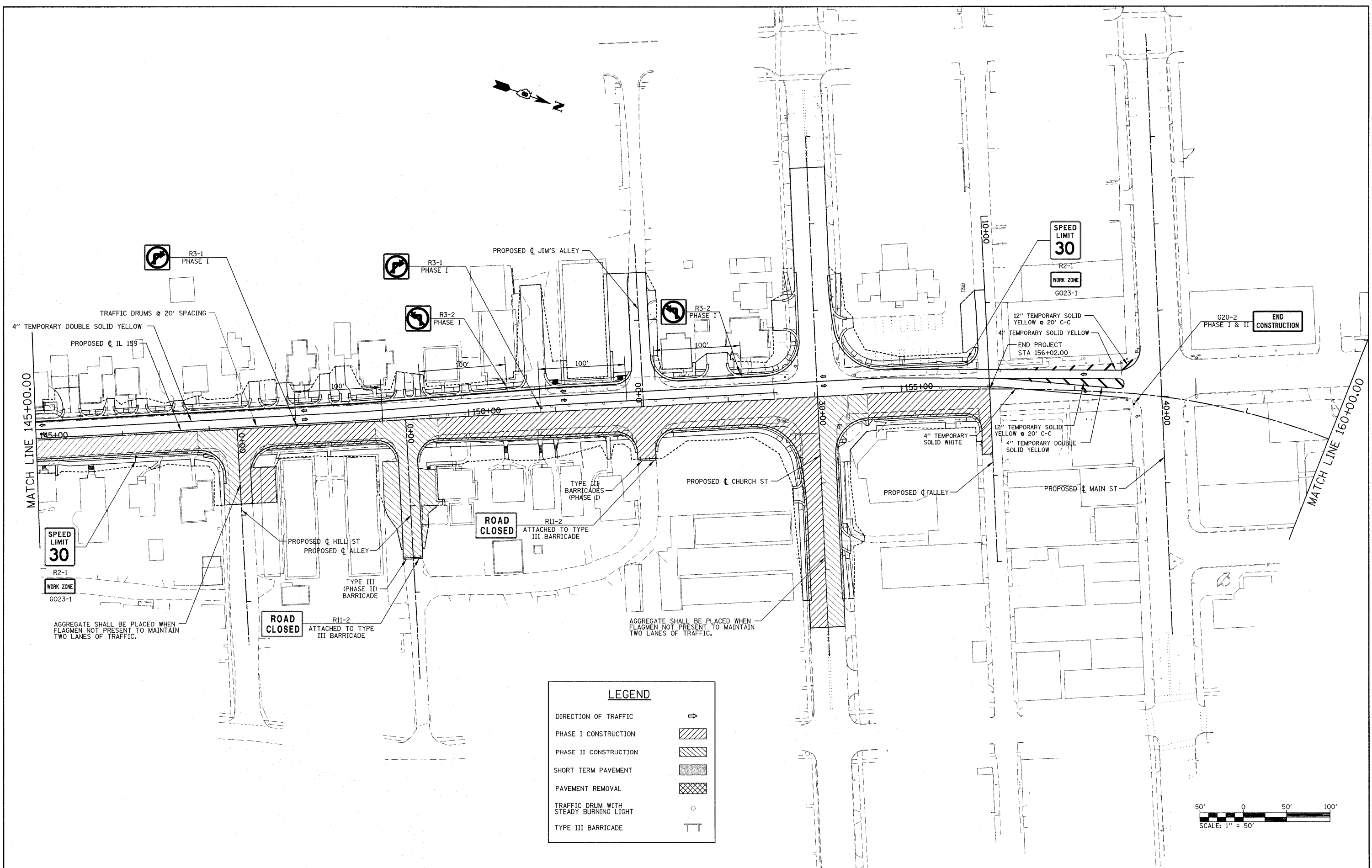
**SUGGESTED STAGES OF CONSTRUCTION AND TRAFFIC CONTROL - STAGE 3**

SCALE: 1" = 50' SHEET NO. 4 OF 5 SHEETS STA. 130+00.00 TO STA. 145+00.00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
600	60-(30,31,128)-1	MADISON/ST. CLAIR	399	162
CONTRACT NO. 76830				

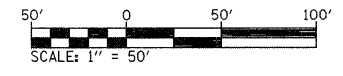
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT





**LEGEND**

DIRECTION OF TRAFFIC	→
PHASE I CONSTRUCTION	
PHASE II CONSTRUCTION	
SHORT TERM PAVEMENT	
PAVEMENT REMOVAL	
TRAFFIC DRUM WITH STEADY BURNING LIGHT	○
TYPE III BARRICADE	TT



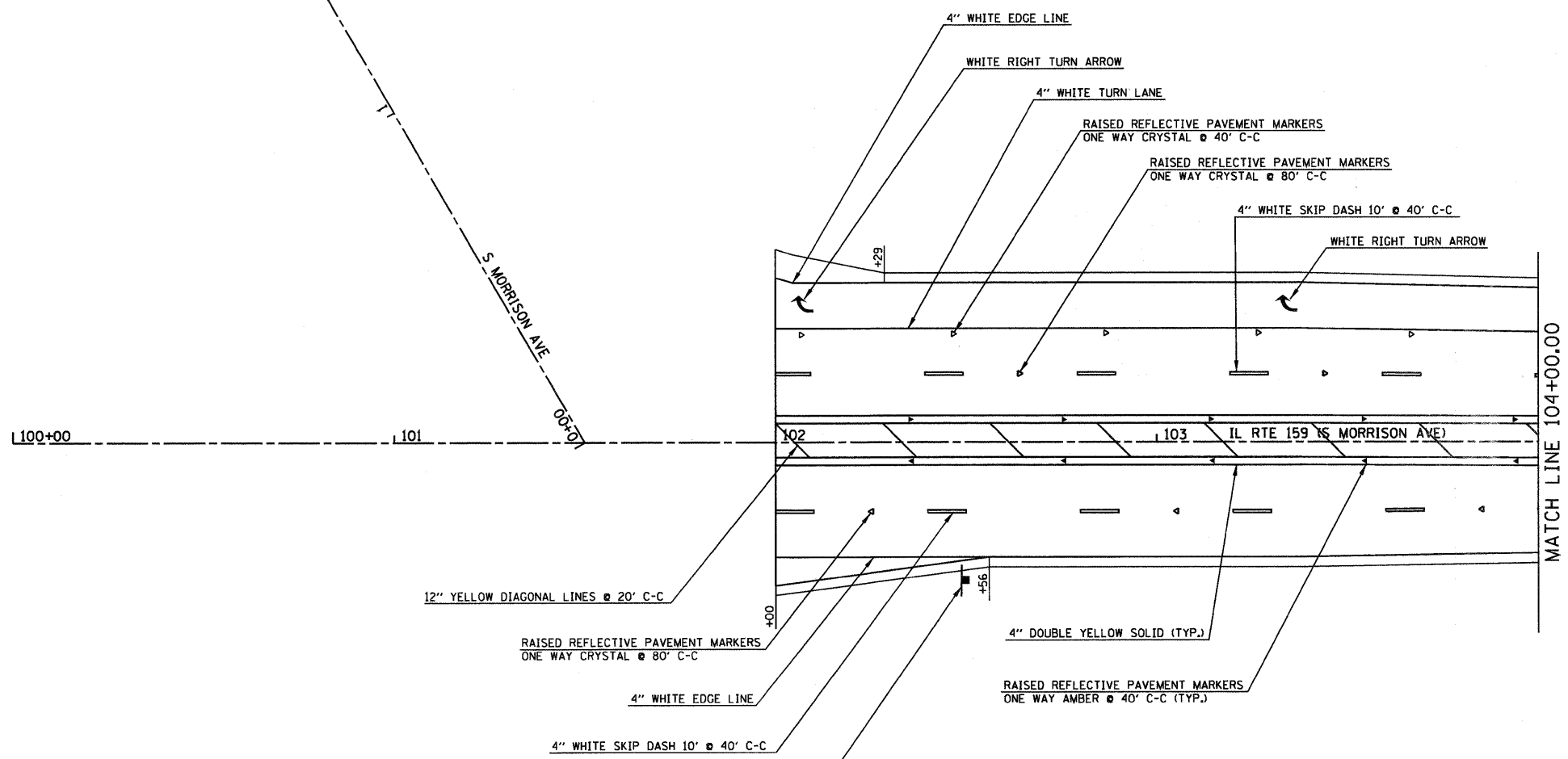
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	PLOT SCALE = 50.0000' / IN.	CHECKED -	REVISED -
	PLOT DATE = 4/30/2010	DATE -	REVISED -

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

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

SCALE: 1" = 50' SHEET NO. 5 OF 5 SHEETS STA. 145+00.00 TO STA. N/A

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
600	60-(30,31,128)-1	MADISON/ST. CLAIR	399	163
CONTRACT NO. 76830				
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		



12" YELLOW DIAGONAL LINES @ 20' C-C

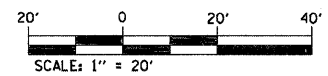
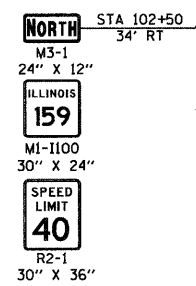
RAISED REFLECTIVE PAVEMENT MARKERS  
ONE WAY CRYSTAL @ 80' C-C

4" WHITE EDGE LINE

4" WHITE SKIP DASH 10' @ 40' C-C

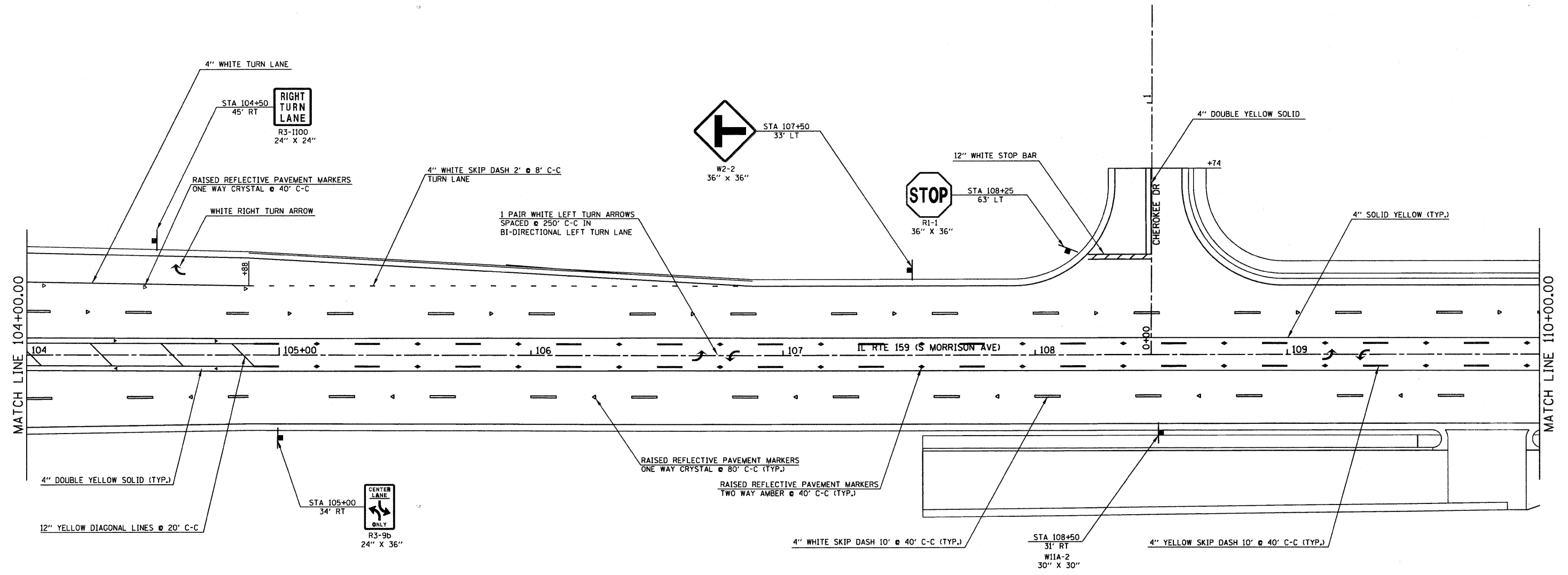
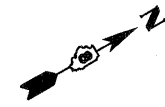
4" DOUBLE YELLOW SOLID (TYP.)

RAISED REFLECTIVE PAVEMENT MARKERS  
ONE WAY AMBER @ 40' C-C (TYP.)



NOTE: ALL PAVEMENT MARKING SHALL BE THERMOPLASTIC UNLESS OTHERWISE NOTED.

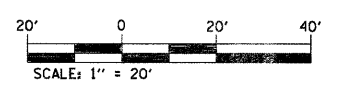
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pr\projects\513581\cadd\dgn\0876830-shk-sign.dgn	pk-sign.dgn	DRAWN -	REVISED -					600	60-(30,31,128)-1	MADISON/ST. CLAIR	399	164	
PLOT SCALE = 20.0000 ' / IN.	CHECKED -	REVISED -	REVISED -		SCALE: 1" = 20'			SHEET NO. 1 OF 11 SHEETS			STA 102+00.00 TO STA 104+00.00	FED. ROAD DIST. NO.	ILLINOIS FED. AID PROJECT
PLOT DATE = 8/25/2009	DATE -	REVISED -	REVISED -								CONTRACT NO. 76830		



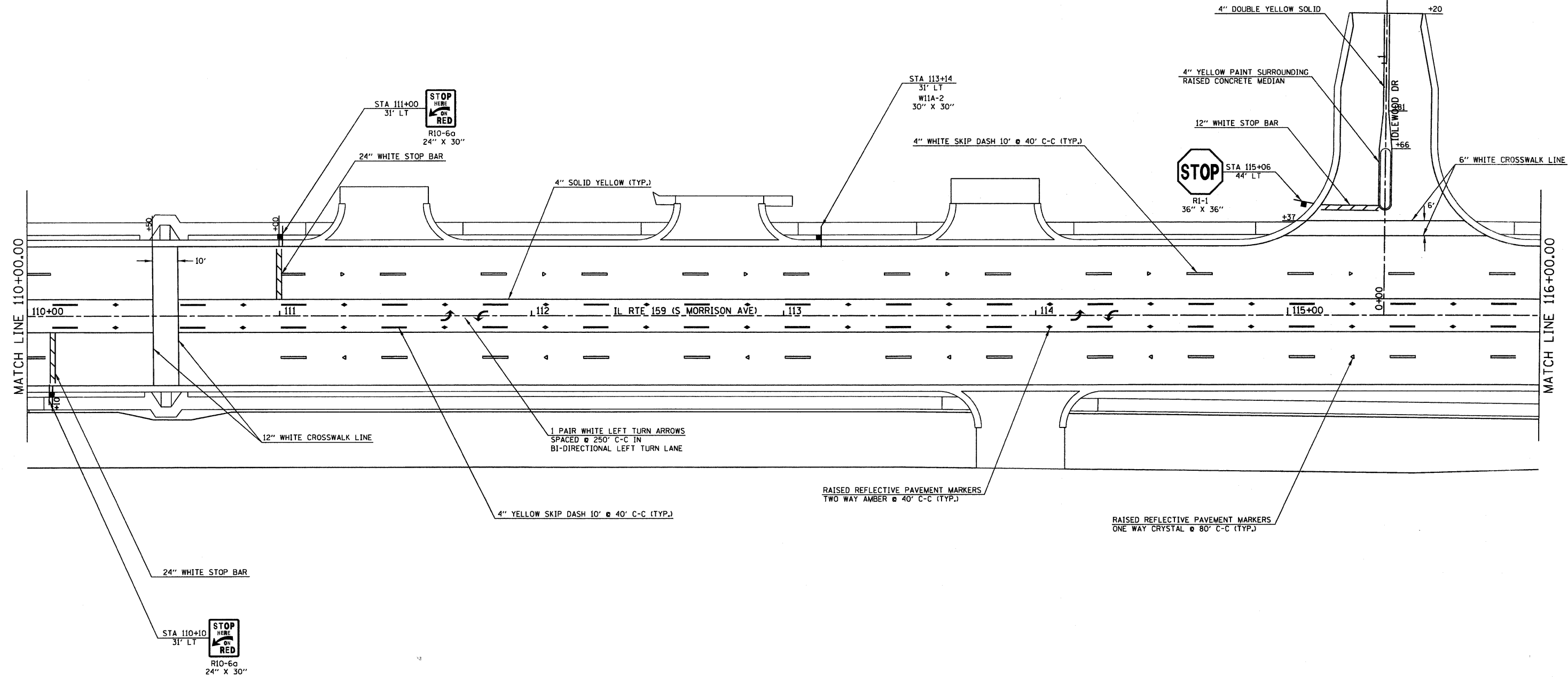
MATCH LINE 104+00.00

MATCH LINE 110+00.00

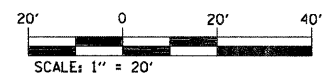
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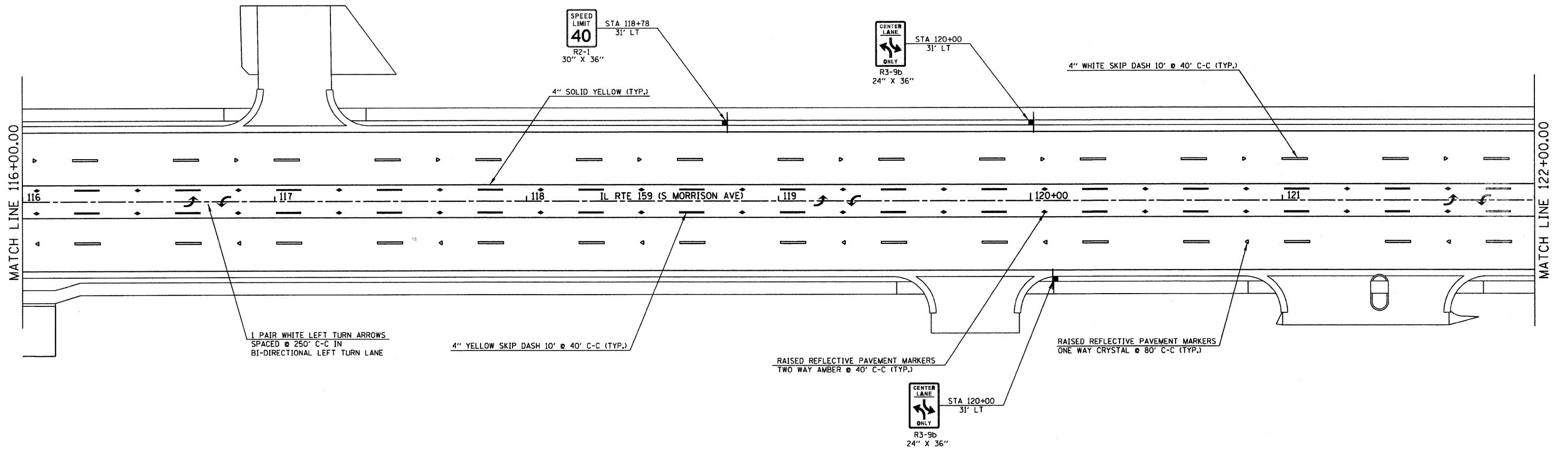
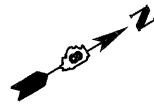
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	PLOT SCALE = 20.0000' / IN.	CHECKED -	REVISED -			SCALE: 1" = 20'	SHEET NO. 2 OF 11 SHEETS	STA 104+00.00 TO STA 110+00.00	CONTRACT NO. 76830	
	PLOT DATE = 8/25/2009	DATE -	REVISED -			FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		



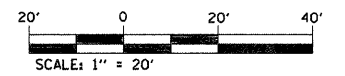
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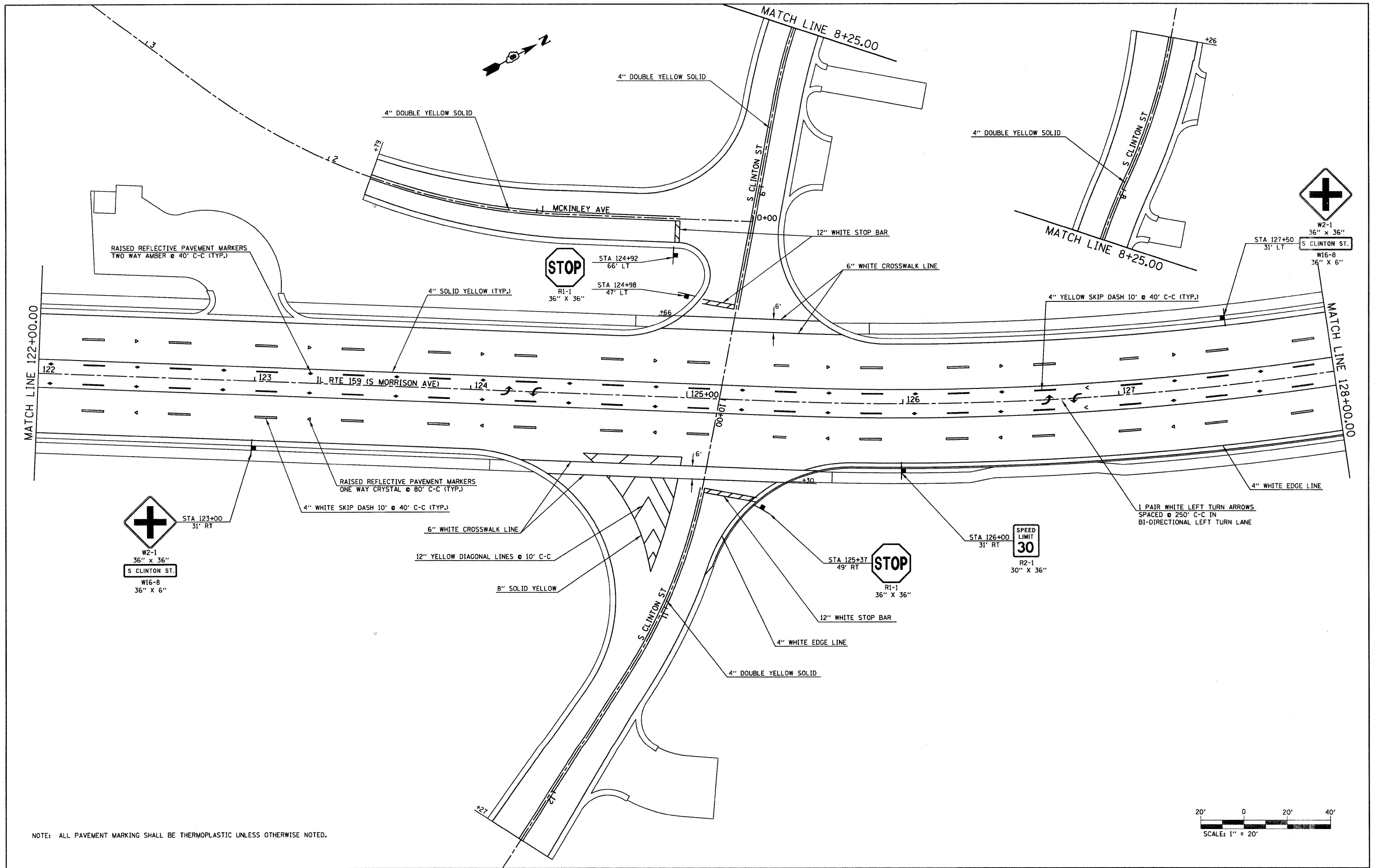
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pr\projects\513581\cadd\dgn\0876838-shk-sign.dgn	pk-sign.dgn	DRAWN -	REVISED -			SCALE: 1" = 20'	SHEET NO. 5 OF 11 SHEETS	STA 110+00.00 TO STA 116+00.00	FED. ROAD DIST. NO.	ILLINOIS FED. AID PROJECT	CONTRACT NO. 76830
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PLOT DATE = 8/25/2009	DATE -	REVISED -	REVISED -								



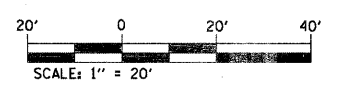
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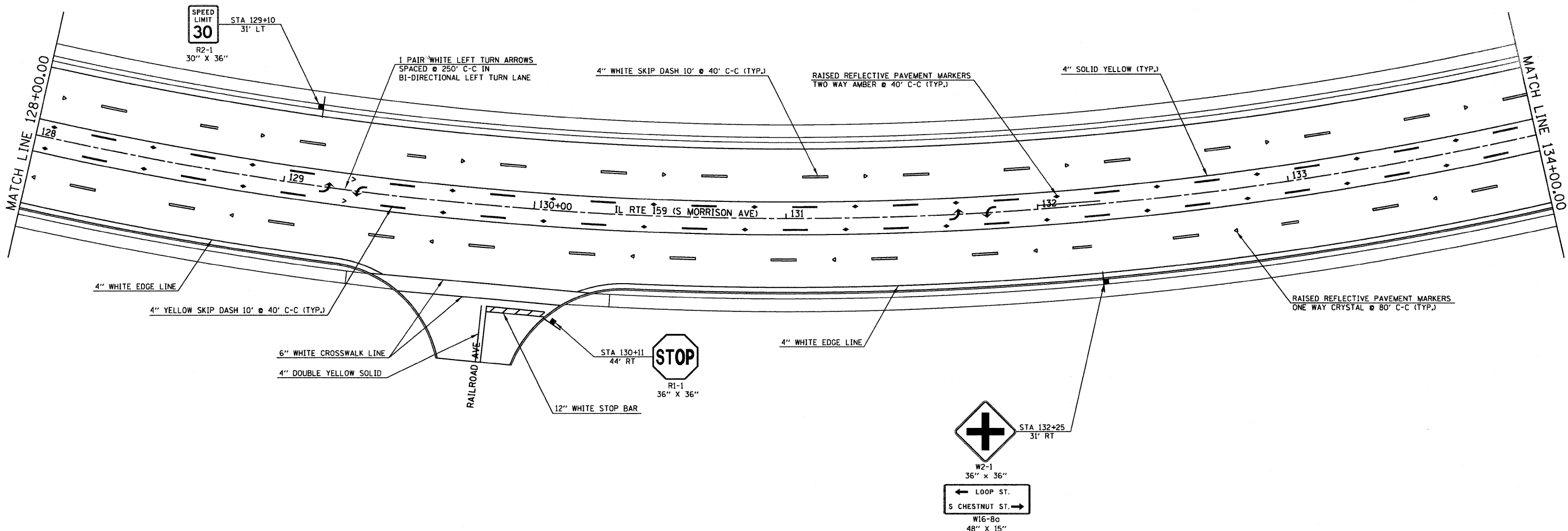
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pn\projects\513501\cadd\dgn\0876830-shk-sign.dgn	pk-sign.dgn	DRAWN -	REVISED -			600	60-(30,31,128)-1	MADISON/ST. CLAIR	399	167	
PLOT SCALE = 20.0000' / IN.	CHECKED -	REVISED -	SCALE: 1" = 20'			SHEET NO. 4 OF 11 SHEETS	STA 116+00.00 TO STA 122+00.00	CONTRACT NO. 76830			
PLOT DATE = 8/25/2009	DATE -	REVISED -	FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT								



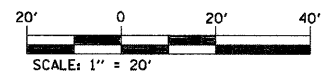
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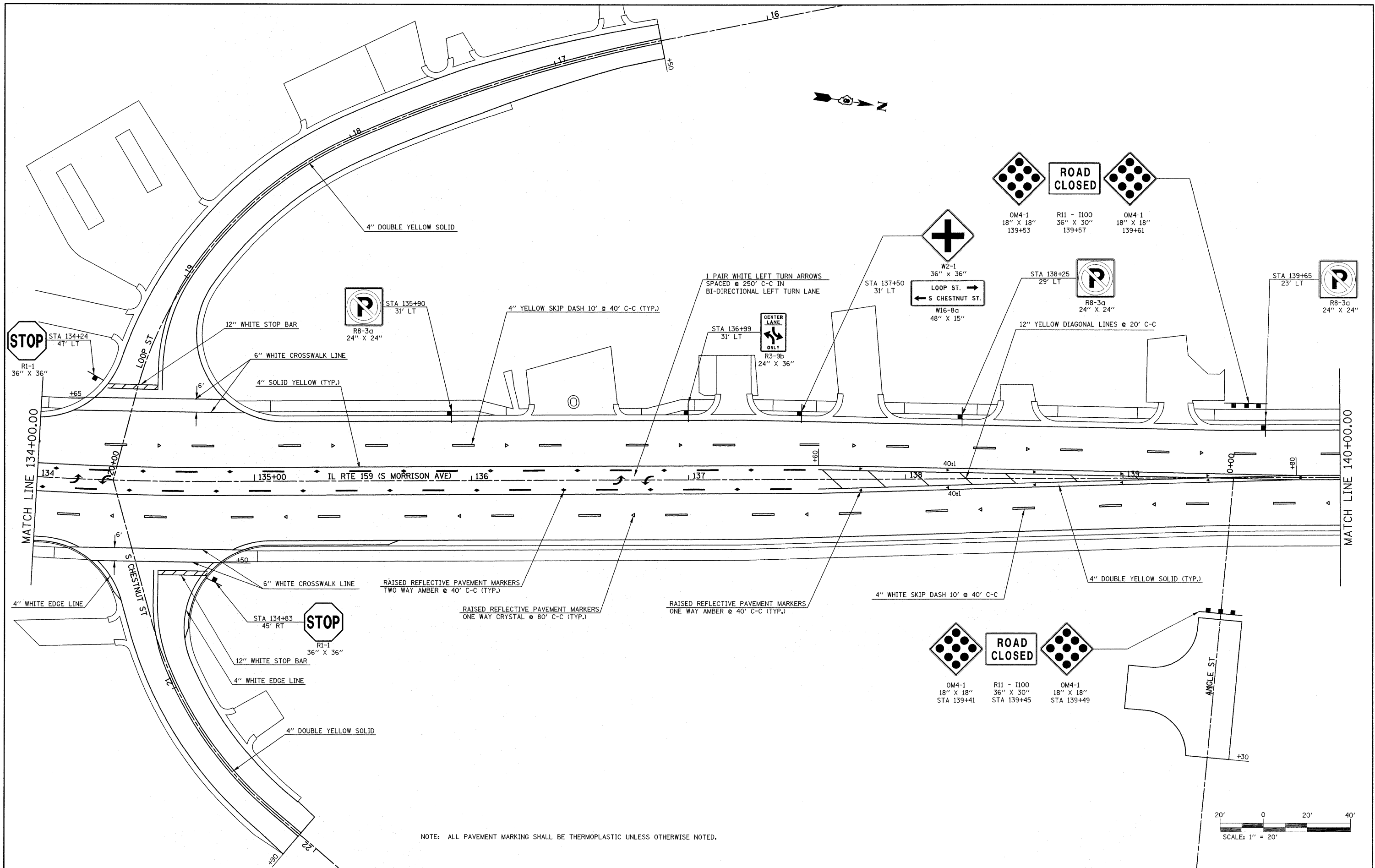
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pl\projects\513501\cadd\dgn\0876830-shd	pmk-sign.dgn	DRAWN -	REVISED -			600	60-(30,31,128)-1	MADISON/ST. CLAIR	399	168	
	PLOT SCALE = 20.0000' / IN.	CHECKED -	REVISED -			SCALE: 1" = 20'    SHEET NO. 5 OF 11 SHEETS    STA 122+00.00 TO STA 128+00.00		CONTRACT NO. 76830			
	PLOT DATE = 8/25/2009	DATE -	REVISED -			FED. ROAD DIST. NO.    ILLINOIS    FED. AID PROJECT					



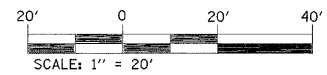
NOTE: ALL PAVEMENT MARKING SHALL BE THERMOPLASTIC UNLESS OTHERWISE NOTED.



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PLOT SCALE = 20,0000' / IN.					CHECKED -	REVISED -	SCALE: 1" = 20'	SHEET NO. 6 OF 11 SHEETS	STA 128+00.00 TO STA 134+00.00	CONTRACT NO. 76830		
PLOT DATE = 8/25/2009					DATE -	REVISED -	FED. ROAD DIST. NO. [ILLINOIS] FED. AID PROJECT					



NOTE: ALL PAVEMENT MARKING SHALL BE THERMOPLASTIC UNLESS OTHERWISE NOTED.



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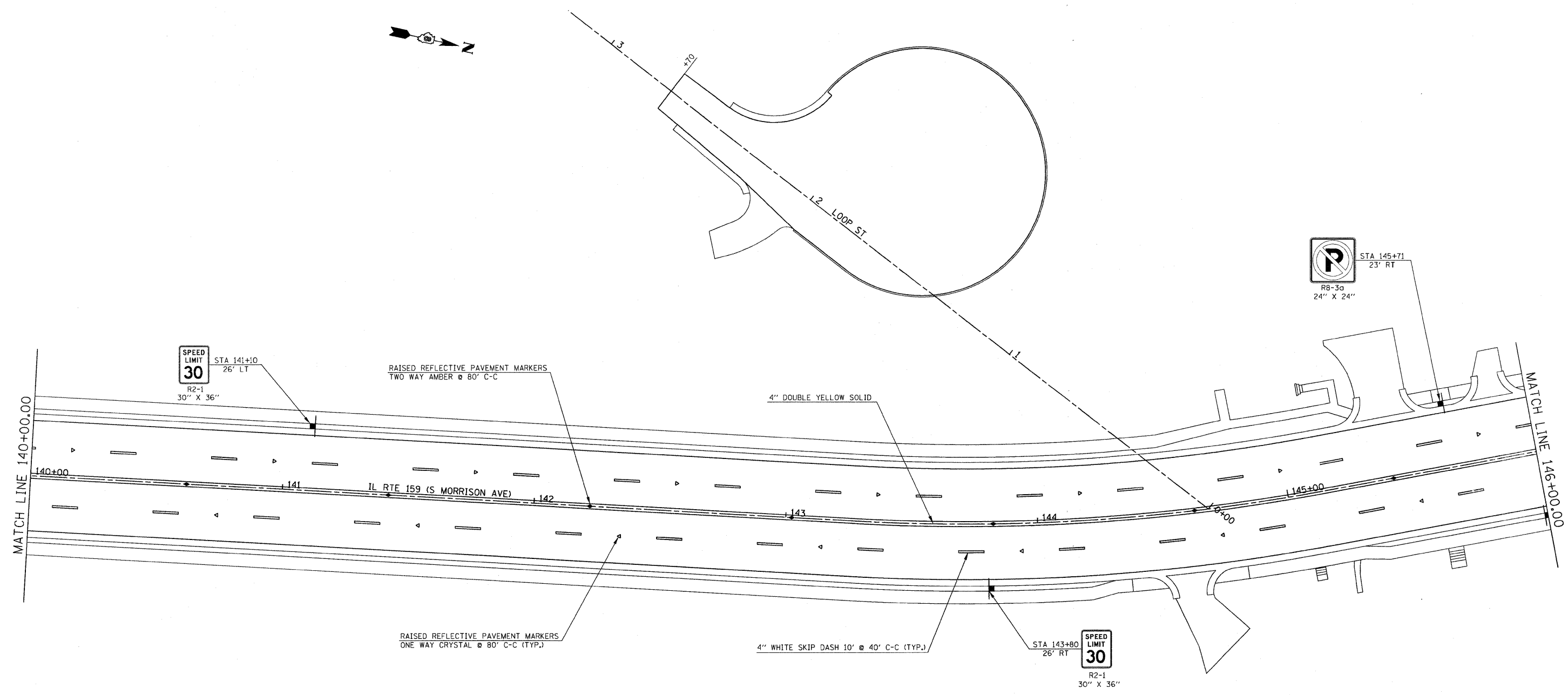
**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**PAVEMENT MARKING AND SIGNING PLAN**

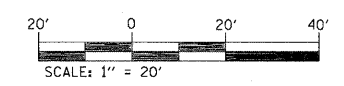
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F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
600	60-(30,31,128)-1	MADISON/ST. CLAIR	399	170
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT			CONTRACT NO. 76830	



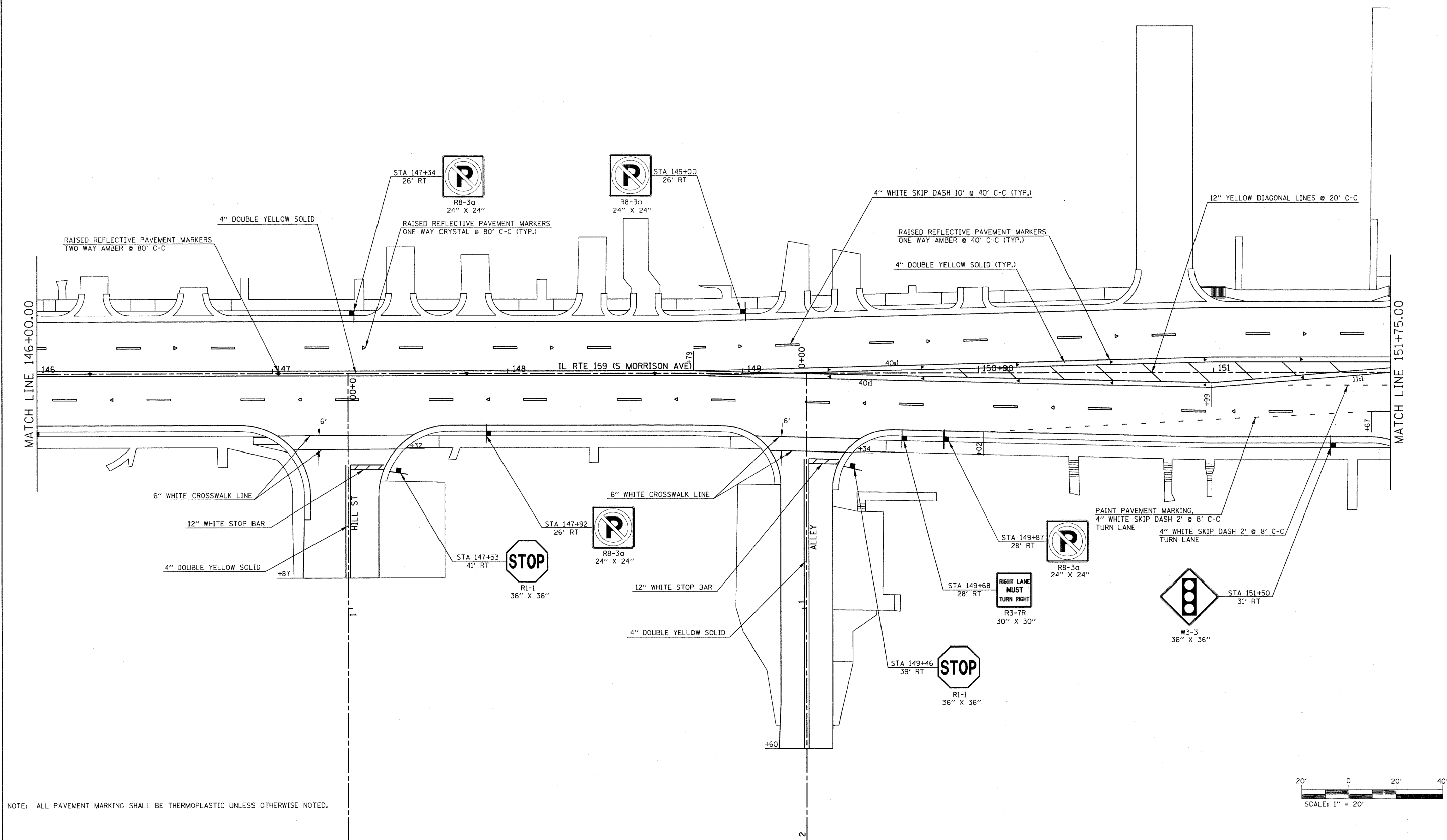


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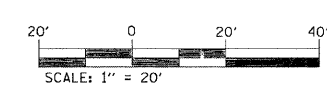


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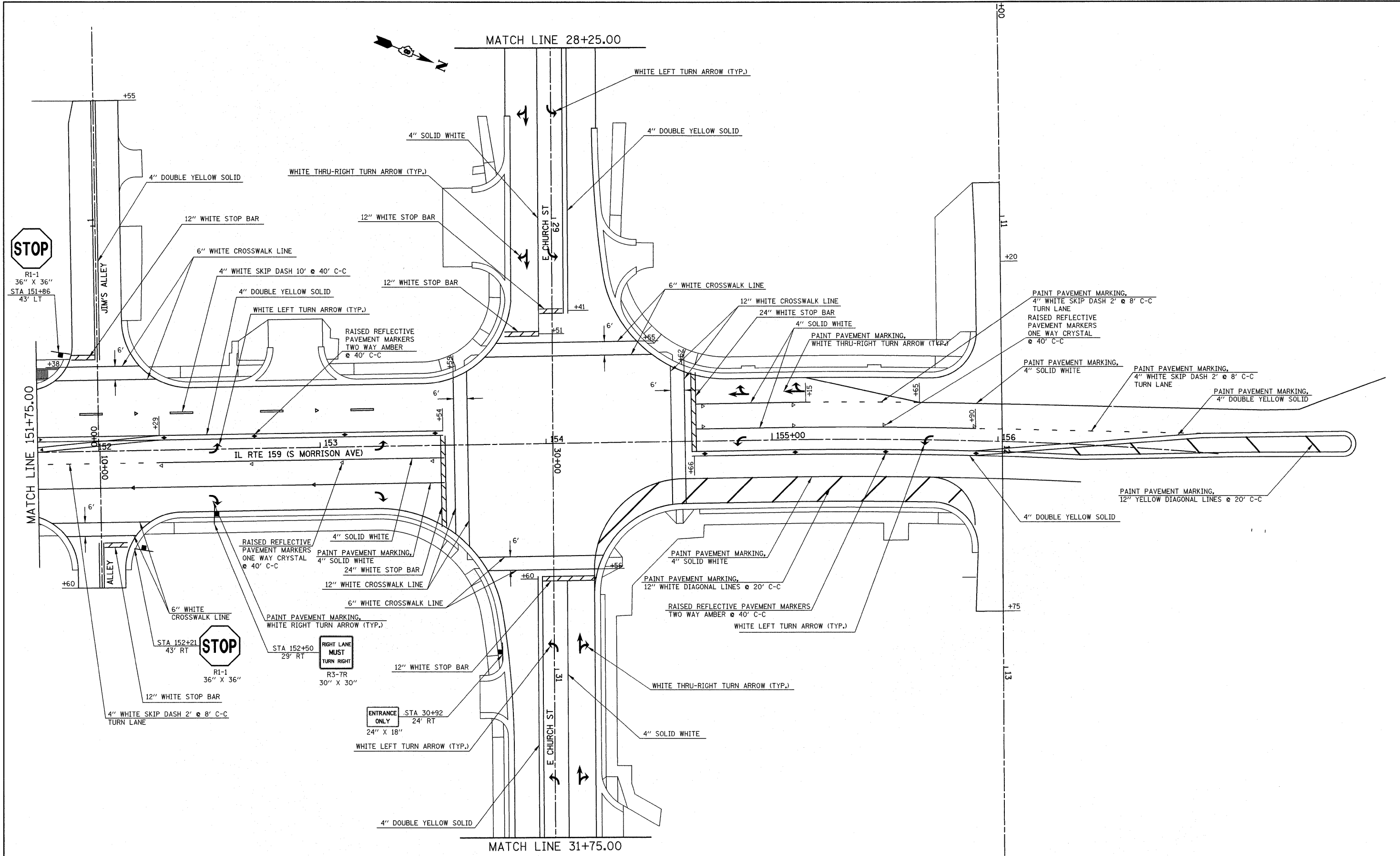
CONTRACT NO. 76830



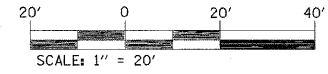
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PLOT DATE = #DATE#	DATE -	REVISED -	REVISED -			CONTRACT NO. 76830					
SCALE: 1" = 20'						SHEET NO. 9 OF 11 SHEETS		STA 146+00.00 TO STA 151+75.00		FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT	



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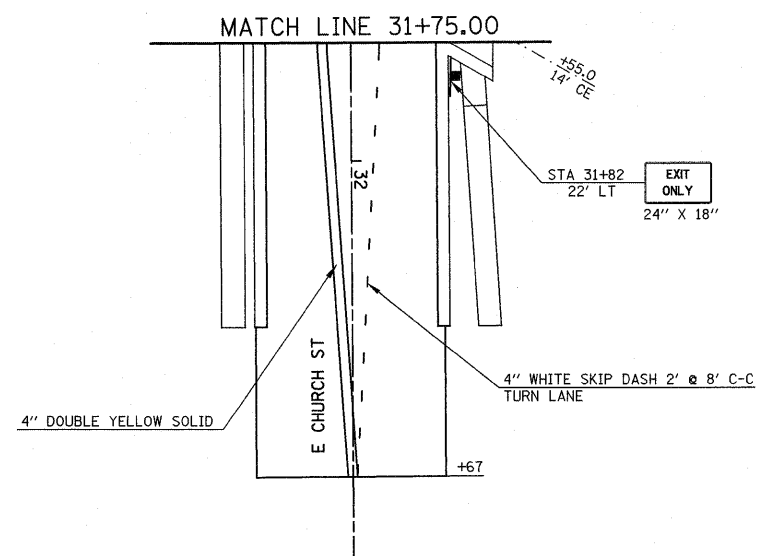
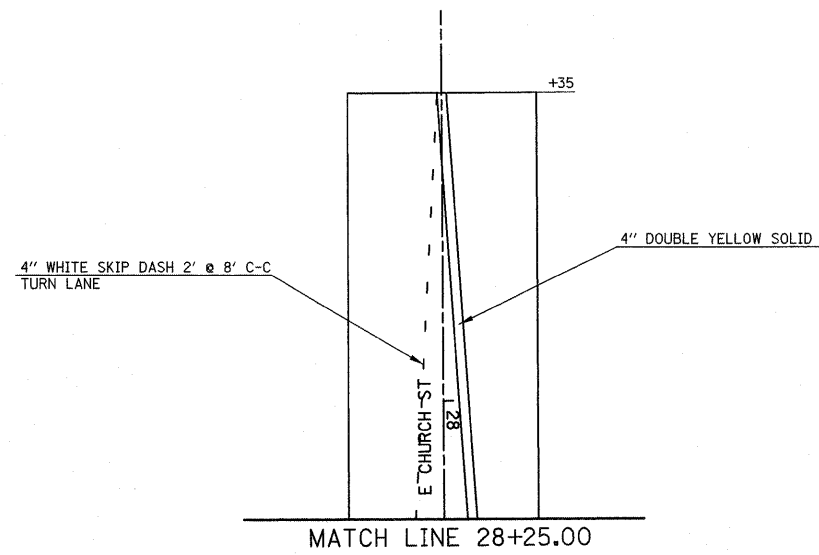
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PLOT DATE = 4/30/2010		DATE -	REVISED -

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**PAVEMENT MARKING AND SIGNING PLAN**

SCALE: 1" = 20' SHEET NO. 10 OF 11 SHEETS STA 151+75.00 TO STA N/A

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
600	60-(30,31,128)-1	MADISON/ST. CLAIR	399	173
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		
CONTRACT NO. 76830				



NOTE: ALL PAVEMENT MARKING SHALL BE THERMOPLASTIC UNLESS OTHERWISE NOTED.

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**PAVEMENT MARKING AND SIGNING PLAN**

SCALE: 1" = 20' SHEET NO. 11 OF 11 SHEETS STA N/A TO STA N/A

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
600	60-(30,31,120)-1	MADISON/ST. CLAIR	399	174
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT			CONTRACT NO. 76830	

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PLOT SCALE = 20,0000' / IN.	CHECKED -	REVISED -	REVISED -
PLOT DATE = 4/30/2010	DATE -	REVISED -	REVISED -

# SCHEDULE OF QUANTITIES

SUMMARY OF QUANTITIES			TOTAL QUANTITIES	CONSTRUCTION TYPE CODE Y031-1F			SUMMARY OF QUANTITIES			TOTAL QUANTITIES	CONSTRUCTION TYPE CODE Y031-1F		
				E. CHURCH ST.	MID BLOCK CROSSING	MORRISON AVE.					E. CHURCH ST.	MID BLOCK CROSSING	MORRISON AVE.
CODE NO	ITEM	UNIT					CODE NO	ITEM	UNIT				
72000100	SIGN PANEL - TYPE 1	SQ FT	50	50			87800100	CONCRETE FOUNDATION, TYPE A	FOOT	3	3		
80300100	LOCATING UNDERGROUND CABLE	FOOT	320	20		300	87800200	CONCRETE FOUNDATION, TYPE D	FOOT	3	3		
80500100	SERVICE INSTALLATION, TYPE A	EACH	2	1	1		87800415	CONCRETE FOUNDATION, TYPE E 36-INCH DIAMETER	FOOT	76	54	22	
81012300	CONDUIT IN TRENCH, 1" DIA., PVC	FOOT	156	130		26	88040070	SIGNAL HEAD, POLYCARBONATE, LED, 1-FACE, 3-SECTION, BRACKET MOUNTED	EACH	2		2	
81012500	CONDUIT IN TRENCH, 1 1/2" DIA., PVC	FOOT	63	20	43		88040090	SIGNAL HEAD, POLYCARBONATE, LED, 1-FACE, 3-SECTION, MAST ARM MOUNTED	EACH	10	6	4	
81012600	CONDUIT IN TRENCH, 2" DIA., PVC	FOOT	62	62			88040160	SIGNAL HEAD, POLYCARBONATE, LED, 1-FACE, 5-SECTION, MAST ARM MOUNTED	EACH	4	4		
81012800	CONDUIT IN TRENCH, 3" DIA., PVC	FOOT	60	60			88040250	SIGNAL HEAD, POLYCARBONATE, LED, 2-FACE, 1-3-SECTION, 1-5-SECTION, BRACKET MOUNTED	EACH	4	4		
81013000	CONDUIT IN TRENCH, 4" DIA., PVC	FOOT	30	30			88102820	PEDESTRIAN SIGNAL HEAD, POLYCARBONATE, LED, 1-FACE, 2-SECTION BRACKET MOUNTED	EACH	4	2	2	
81018400	CONDUIT PUSHED, 1 1/2" DIA., GALVANIZED STEEL	FOOT	75		75		88200300	TRAFFIC SIGNAL BACKPLATE, PLASTIC	EACH	14	10	4	
81018700	CONDUIT PUSHED, 3" DIA., GALVANIZED STEEL	FOOT	137	137			88500100	INDUCTIVE LOOP DETECTOR	EACH	10	10		
81018900	CONDUIT PUSHED, 4" DIA., GALVANIZED STEEL	FOOT	80	80			88600100	DETECTOR LOOP, TYPE I	FOOT	1800	1800		
81400700	HANDHOLE, PORTLAND CEMENT CONCRETE	EACH	5	3	2		88600600	DETECTOR LOOP REPLACEMENT	FOOT	475			475
81400720	DOUBLE HANDHOLE, PORTLAND CEMENT CONCRETE	EACH	1	1			88800100	PEDESTRIAN PUSH-BUTTON	EACH	10	8	2	
81900200	TRENCH AND BACKFILL FOR ELECTRICAL WORK	FOOT	281	225	43	13	89000100	TEMPORARY TRAFFIC SIGNAL INSTALLATION	EACH	1	1		
85700100	FULL-ACTUATED CONTROLLER AND TYPE III CABINET	EACH	1		1		89502350	REMOVE AND REINSTALL ELECTRIC CABLE FROM CONDUIT	FOOT	100	100		
85700200	FULL-ACTUATED CONTROLLER AND TYPE IV CABINET	EACH	1	1			89502375	REMOVE EXISTING TRAFFIC SIGNAL EQUIPMENT	EACH	1	1		
85900100	TRANSCEIVER	EACH	1	1			89502380	REMOVE EXISTING HANDHOLE	EACH	3	3		
87301215	ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 2C	FOOT	1515	1320	195		89502385	REMOVE EXISTING CONCRETE FOUNDATION	EACH	9	9		
87301225	ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 3C	FOOT	1530	1320	210		X0324896	PEDESTRIAN SIGNAL HEAD, POLYCARBONATE, LED, 2-FACE, 2-SECTION, BRACKET MOUNTED	EACH	3	3		
87301245	ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 5C	FOOT	2575	2035	540		X8730027	ELECTRIC CABLE IN CONDUIT, GROUNDING, NO. 6 1C	FOOT	865	700	165	
87301255	ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 7C	FOOT	1725	1725									
87301305	ELECTRIC CABLE IN CONDUIT, LEAD-IN, NO. 14 1 PAIR	FOOT	1375	1375									
87301805	ELECTRIC CABLE IN CONDUIT, SERVICE, NO. 6 2 C	FOOT	110	100	10								
87502680	TRAFFIC SIGNAL POST, ALUMINUM 14 FT.	EACH	1	1									
87700200	STEEL MAST ARM ASSEMBLY AND POLE, 32 FT.	EACH	2		2								
87700250	STEEL MAST ARM ASSEMBLY AND POLE, 42 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	1	1									

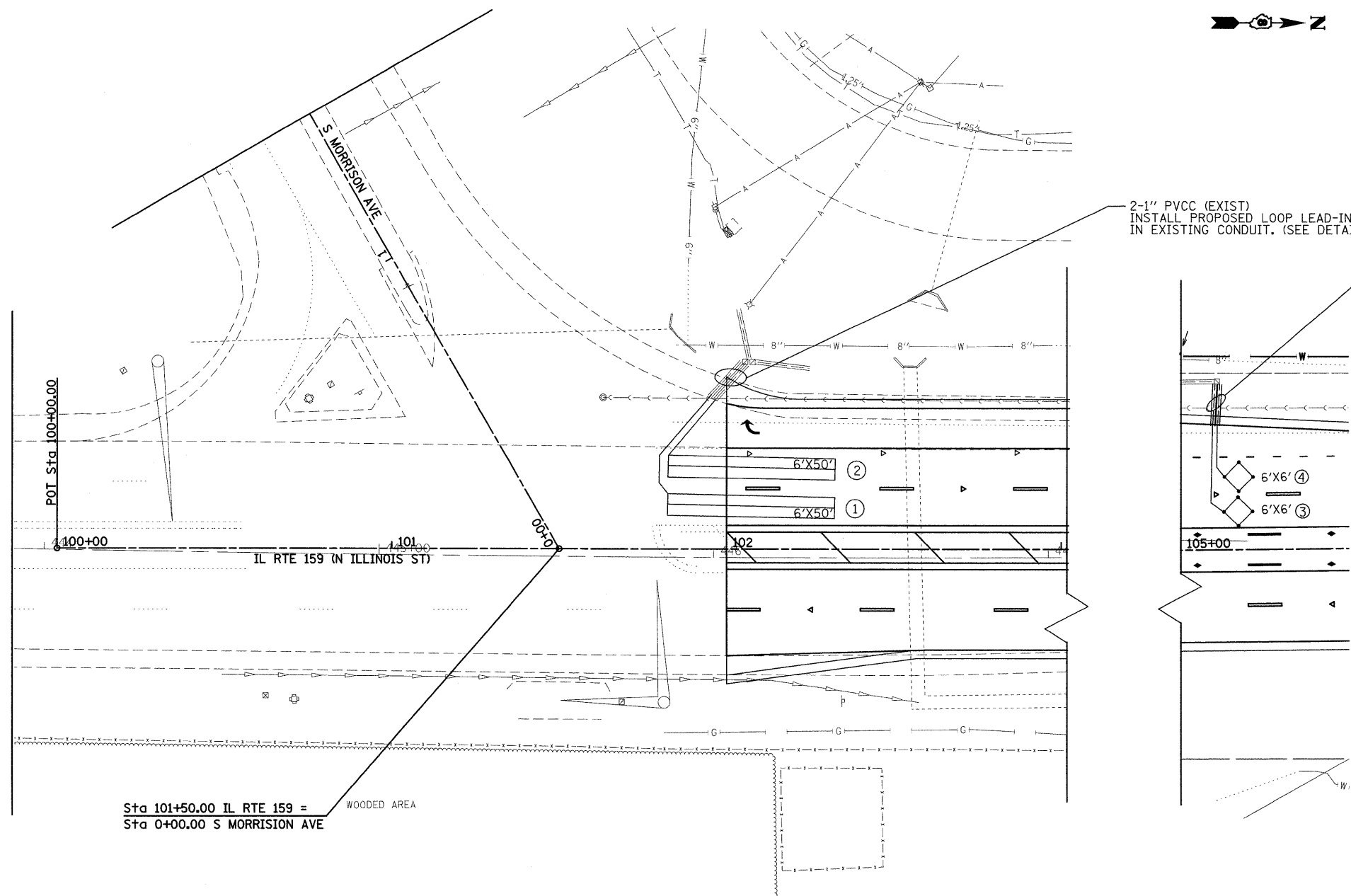
**TRAFFIC SIGNALS GENERAL NOTES**

1. 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.
2. BACKPLATES SHALL BE ABS PLASTIC.
3. THE CONTROLLER CABINET SHALL BE UNPAINTED ALUMINUM.
4. 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.
5. ALL TRAFFIC SIGNAL CABLES SHALL BE #14 AWG STRANDED COPPER UNLESS OTHERWISE SPECIFIED. TERMINAL ENDS SHALL HAVE CRIMPED-ON RING TONGUE CONNECTORS.
6. THE LOCATION OF ALL DETECTOR LOOPS SHALL BE APPROVED BY THE ENGINEER BEFORE ANY SLOTS ARE SAWED IN THE PAVEMENT.
7. 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.
8. CALL DELAY SHALL NOT FUNCTION WHEN THE RELATED PHASES ARE IN THE GREEN MODE.
9. CALL CARRY-OVER SHALL FUNCTION ONLY WHEN THE RELATED PHASES ARE IN THE GREEN MODE.
10. 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.
11. ALL HANDHOLES SHALL BE CAST-IN-PLACE PORTLAND CEMENT CONCRETE (PER ARTICLE 814.03(b)). THE CAST IN PLACE LEGEND IN THE COVER SHALL BE "TRAFFIC SIGNALS". SLOPE HANDHOLE COVERS TO MATCH PROPOSED GRADE ELEVATIONS.
12. LOCATE UNDERGROUND CABLES PRIOR TO ATTEMPTING TO CONSTRUCT THIS PROJECT.
13. ACTUAL DEPTHS OF THE CONCRETE FOUNDATIONS FOR THE MAST ARM SUPPORT POLES ARE AS FOLLOWS:  
CHURCH STREET  
 N-E CORNER, 42' M.A.: 13' DEEP, 36" DIA.  
 N-W CORNER, 52' M.A.: 15' DEEP, 36" DIA.  
 S-E CORNER, 48' M.A.: 13' DEEP, 36" DIA.  
 S-W CORNER, 48' M.A.: 13' DEEP, 36" DIA.  
  
MID BLOCK CROSSING:  
 EAST OF IL 159, 32' M.A.: 11' DEEP, 36" DIA.  
 WEST OF IL 159: 32' M.A.: 11' DEEP, 36" DIA.  
  
 THESE DEPTHS ARE DETERMINED BY THE DEPARTMENT FROM THE SOIL BORING DATA.
14. ABANDON EXISTING CONDUIT AND CABLES IN PLACE.
15. 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.
16. EXISTING CONDUITS WILL BE USED FOR NEW DETECTOR LOOPS AS SHOWN IN THE PLANS. THE CONTRACTOR WILL BE RESPONSIBLE FOR PROTECTING THE EXISTING CONDUITS DURING CONSTRUCTION. SHOULD ANY DAMAGE TO CONDUITS OCCUR DUE TO THE CONTRACTOR'S OPERATION, THE REPAIR SHALL BE MADE TO THE SATISFACTION OF THE ENGINEER AND WILL BE DONE AT THE CONTRACTOR'S EXPENSE.
17. A CONTROLLER CABINET TYPE III AT MID BLOCK CROSSING SHALL BE MOUNTED ON THE PROPOSED SERVICE POLE TO THE SATISFACTION OF THE ENGINEER. THE COST SHALL BE INCLUDED IN PAY ITEM "FULL ACUATED CONTROLLER AND TYPE III CABINET".
18. THE BOTTOM OF THE HOUSING OF A VEHICLE FACE SHALL BE ATLEAST 8' ABOVE THE SIDEWALK.

**TRAFFIC SIGNALS LEGEND**

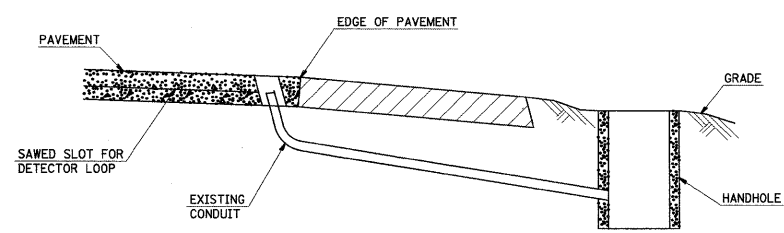
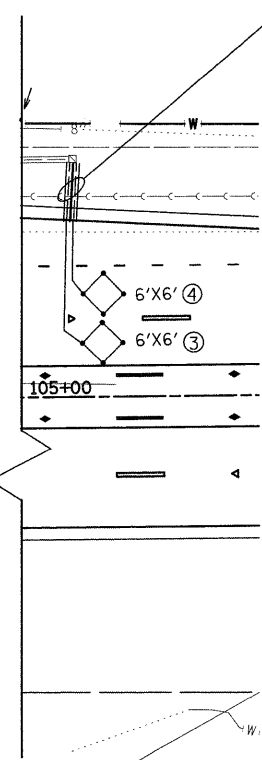
- GSC GALVANIZED STEEL CONDUIT
- PVCC POLYVINYL CHLORIDE CONDUIT
- EXISTING SIGNAL POST
- EXISTING SIGNAL POST WITH BACKPLATE
- EXISTING TRAFFIC SIGNAL MAST ARM
- EXISTING HANDHOLE
- EXISTING DOUBLE HANDHOLE
- EXISTING DETECTOR LOOP
- EXISTING CONTROLLER
- EXISTING STREET NAME SIGN/TRAFFIC SIGN
- EXISTING SERVICE INSTALLATION
- EXISTING SIGNAL HEAD, PEDESTRIAN
- EXISTING PEDESTRIAN PUSHBUTTON DETECTOR
- EXISTING UNDER GROUND CONDUIT
- PROPOSED SIGNAL HEAD WITH BACKPLATE, MAST ARM MOUNTED
- PROPOSED HANDHOLE
- PROPOSED DOUBLE HANDHOLE
- PROPOSED DETECTOR LOOP
- PROPOSED CONTROLLER
- PROPOSED PEDESTRIAN PUSHBUTTON 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 POST WITH BACKPLATE

FILE NAME =	USER NAME = keplarol	DESIGNED -	REVISED -	<b>STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION</b>	<b>TRAFFIC SIGNALS GENERAL NOTES AND LEGEND</b>	F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
cr\pw\work\PWIDOT\KEPLARCL\dms79810\0876830-sha-ts.dgn	DRAWN -	REVISED -	600			60-(30,31,128)-1	MADISON	399	176	
PLOT SCALE = 20.0000' / IN.	CHECKED -	REVISED -	<b>CONTRACT NO. 76830</b>							
PLOT DATE = 11/18/2009	DATE -	REVISED -	ILLINOIS FED. AID PROJECT							
					SCALE:	SHEET NO.	OF	SHEETS	STA.	TO STA.



2-1" PVCC (EXIST)  
INSTALL PROPOSED LOOP LEAD-INS  
IN EXISTING CONDUIT. (SEE DETAIL)

2-1" PVCC-T-13' (EACH)  
SPlice INTO EXISTING CONDUITS  
AT THE HANDHOLE.



DETAIL  
(NO SCALE)

RE-USE EXISTING DETECTOR LOOP LEAD-IN CONDUIT

- 1 DRILL OUT PAVEMENT SEALANT AND CLEAN EXISTING CONDUIT.
- 2 REMOVE EXISTING CABLE TO HANDHOLE.
- 3 INSTALL LOOP LEAD-IN CONDUCTORS IN CONDUIT.
- 4 SPLICE NEW DETECTOR LOOP LEAD-IN CONDUCTORS TO EXISTING LEAD-IN CABLE IN HANDHOLE.
- 5 FILL HOLE WITH APPROVED SEALER. PREVENT SEALER FROM ENTERING INTO CONDUIT.

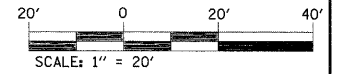
NOT A PAY ITEM. THE COST OF THIS WORK SHALL BE INCLUDED IN THE PAY ITEM "DETECTOR LOOP REPLACEMENT"

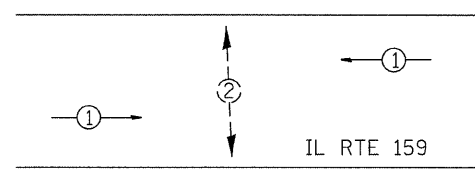
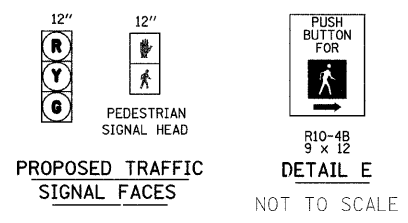
**DETECTOR LOOP REPLACEMENT**

DETECTOR LOOP REQUIREMENTS AND CALCULATIONS  
FOR IL 159 AND MORRISON AVE, NORTH LEG

LOOP	LOOP SIZE(FT)	REQUIRED # OF TURNS	CALCULATED INDUCTANCE MICROHENRIES (μH)	CALCULATED RESISTANCE OHMS (Ω)
S.B.THURU LN#1	6'X50'	3-6-3	810	2.15
S.B.THURU LN#2	6'X50'	3-6-3	810	2.15
CCO#3	6'X6'	6	348	2.5
CCO#4	6'X6'	6	348	2.5

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





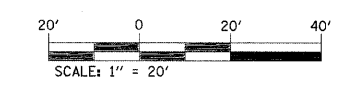
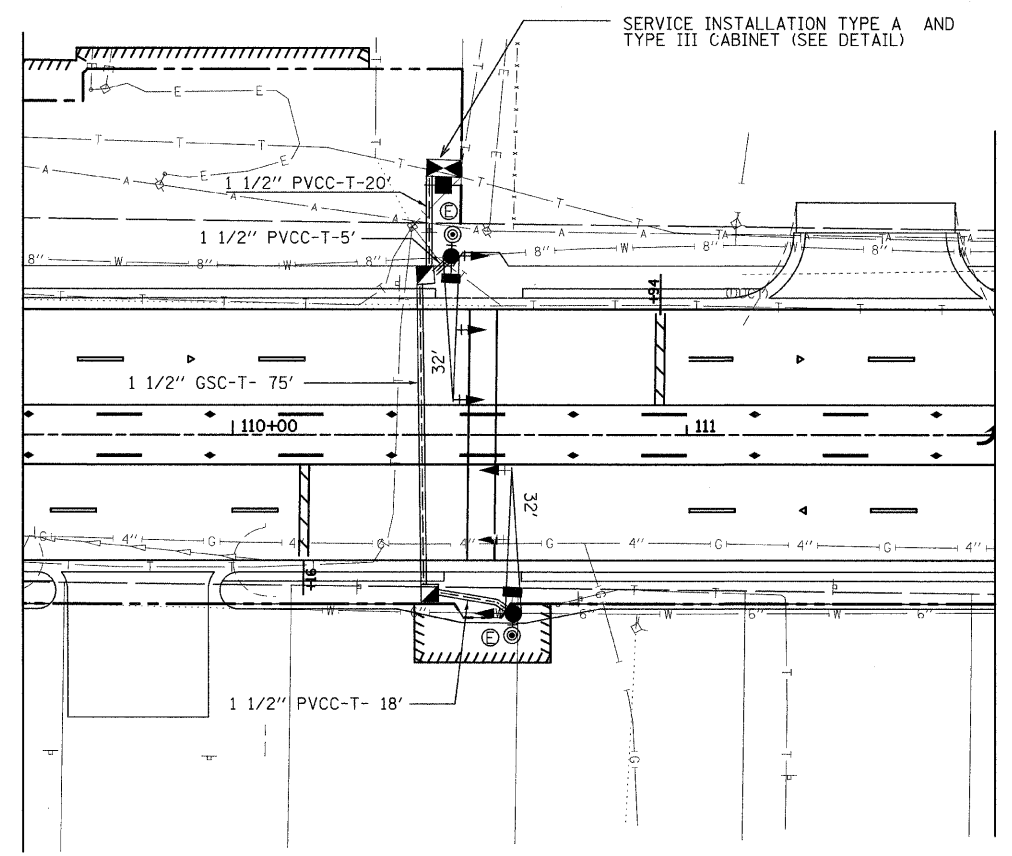
PHASE DESIGNATION DIAGRAM

FULL-ACTUATED CONTROLLER, STANDARD SEQUENCE 1

2 PHASES, IN TYPE III CABINET

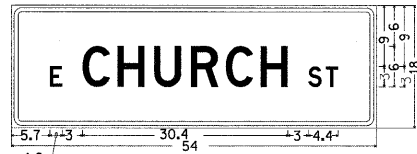
PROPOSED OPERATION		
PHASE	1	2
MOVEMENT	→ ←	↑ ↓
CONCURRENT MOVEMENT PERMITTED	NONE	NONE

PHASE 2 PERMITTED UPON PEDESTRIAN ACTUATION ONLY. IN "FLASH MODE" - VEHICLE HEAD SHALL FLASH YELLOW AND PEDESTRIAN HEAD SHALL BE DARK.



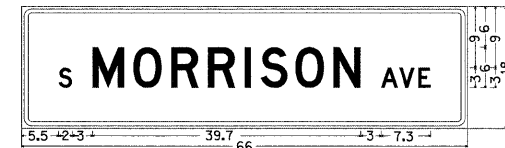
FILE NAME =	USER NAME = patelbm	DESIGNED -	REVISED -	<b>STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION</b>	<b>TRAFFIC SIGNAL PLAN - MID BLOCK CROSSING</b>	F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	
et:\pw_work\NPWIDOT\PAIE\BMB\dms79810\087	8330-sha-ts.dgn	DRAWN -	REVISED -			600	60-(30,31,128)-1	MADISON	399	178	
	PLOT SCALE = 20,0000' / IN.	CHECKED -	REVISED -			CONTRACT NO. 76830					
	PLOT DATE = 9/29/2009	DATE -	REVISED -			SCALE: 1" = 20'		SHEET NO. OF SHEETS STA. TO STA.			
						FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT					





1.5" Radius, 0.6" Border, 0.4" Indent, White on Green;  
[E CHURCH ST] D;

DETAIL-F

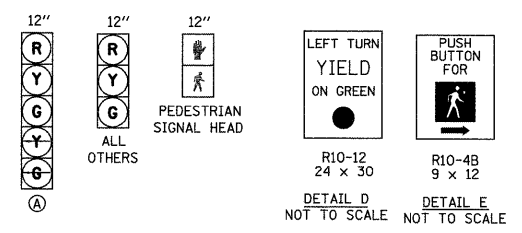
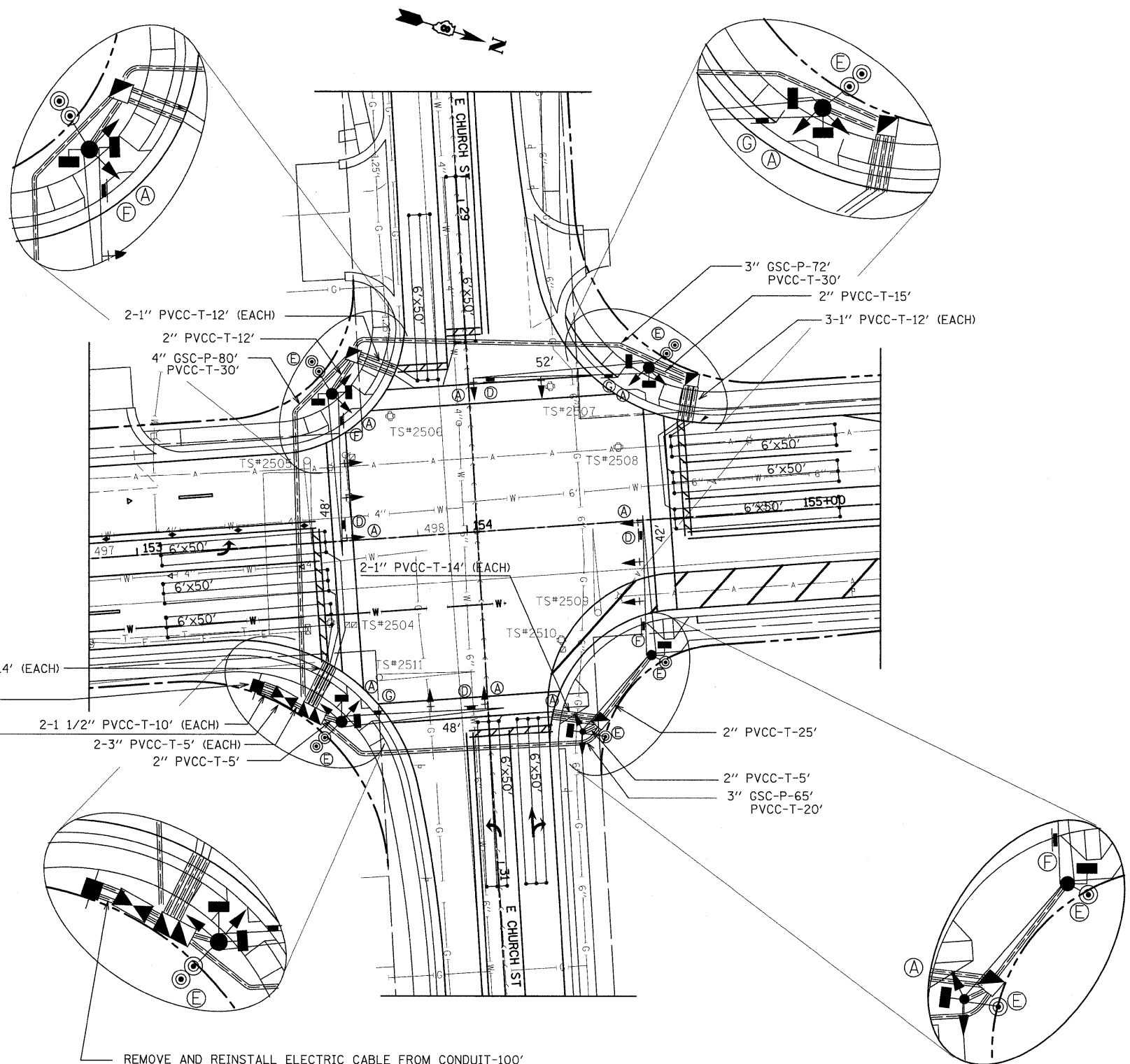


1.5" Radius, 0.6" Border, 0.4" Indent, White on Green;  
[S MORRISON AVE] D;

DETAIL-G

STREET NAME SIGN

NOT TO SCALE



PROPOSED TRAFFIC SIGNAL FACES

DETECTOR LOOP REQUIREMENTS AND CALCULATIONS FOR IL 159 AND E. CHURCH ST.

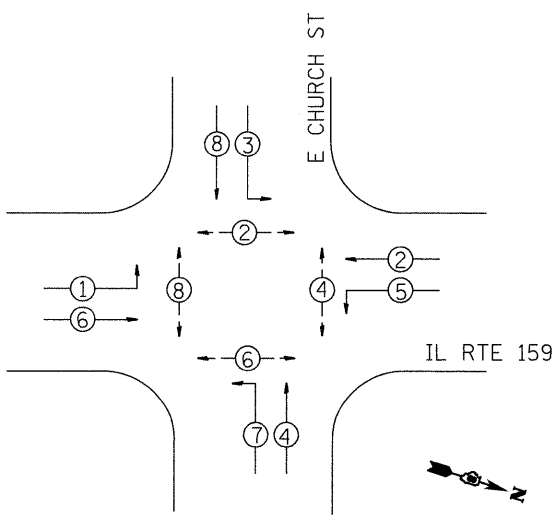
LOOP	PHASE (Ø)	LOOP SIZE(FT)	REQUIRED # OF TURNS	CALCULATED INDUCTANCE MICROHENRIES (µH)	CALCULATED RESISTANCE OHMS (Ω)
NB LT TURN#1	1	6x50	3-6-3	806	2.04
NB THRU LN#2	6	6x50	3-6-3	806	2.04
NB THRU LN#3	6	6x50	3-6-3	806	2.04
SB LT TURN#4	5	6x50	3-6-3	854	3.14
SB THRU LN#5	2	6x50	3-6-3	854	3.14
SB THRU LN#6	2	6x50	3-6-3	854	3.14
EB LT#7	3	6x50	3-6-3	829	2.56
EB THRU LN#8	8	6x50	3-6-3	829	2.56
WB LT#9	7	6x50	3-6-3	822	2.40
WB THRU LN#10	4	6x50	3-6-3	822	2.40

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

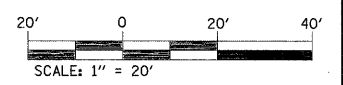
FULL-ACTUATED CONTROLLER, STANDARD SEQUENCE 8 PHASES, IN TYPE IV CABINET.

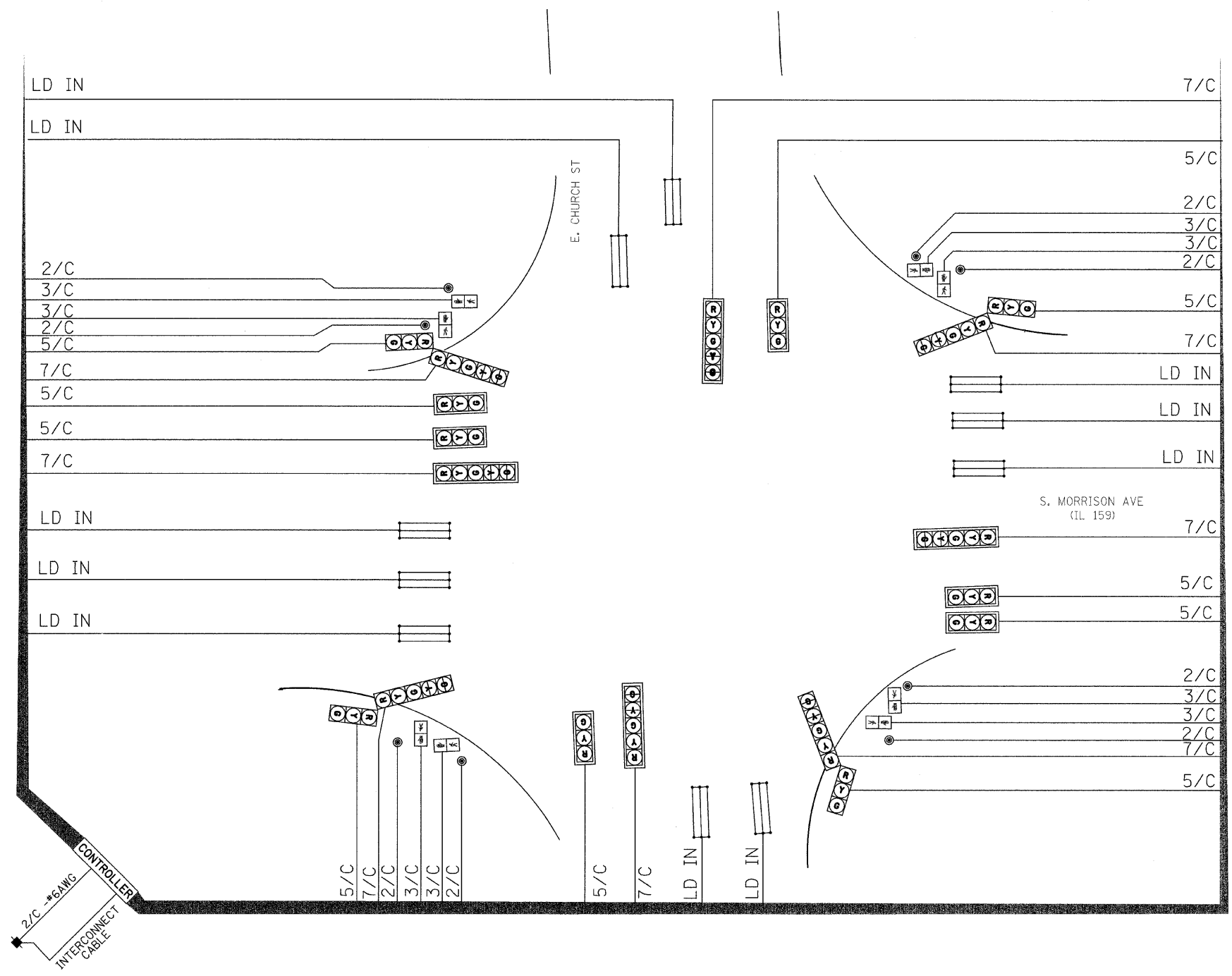
PROPOSED SEQUENCE OF OPERATION								
PHASE	1	2	3	4	5	6	7	8
MOVEMENT	→	←*	↓	↑*	←	→*	↑	↓*
CONCURRENT MOVEMENT PERMITTED	5 OR 6	5 OR 6	7 OR 8	7 OR 8	1 OR 2	1 OR 2	3 OR 4	3 OR 4

\* PEDESTRIAN MOVEMENT DISPLAY UPON ACTUATION ONLY. PHASES 4 AND 8; 2 AND 6 SHALL TIME CONCURRENTLY

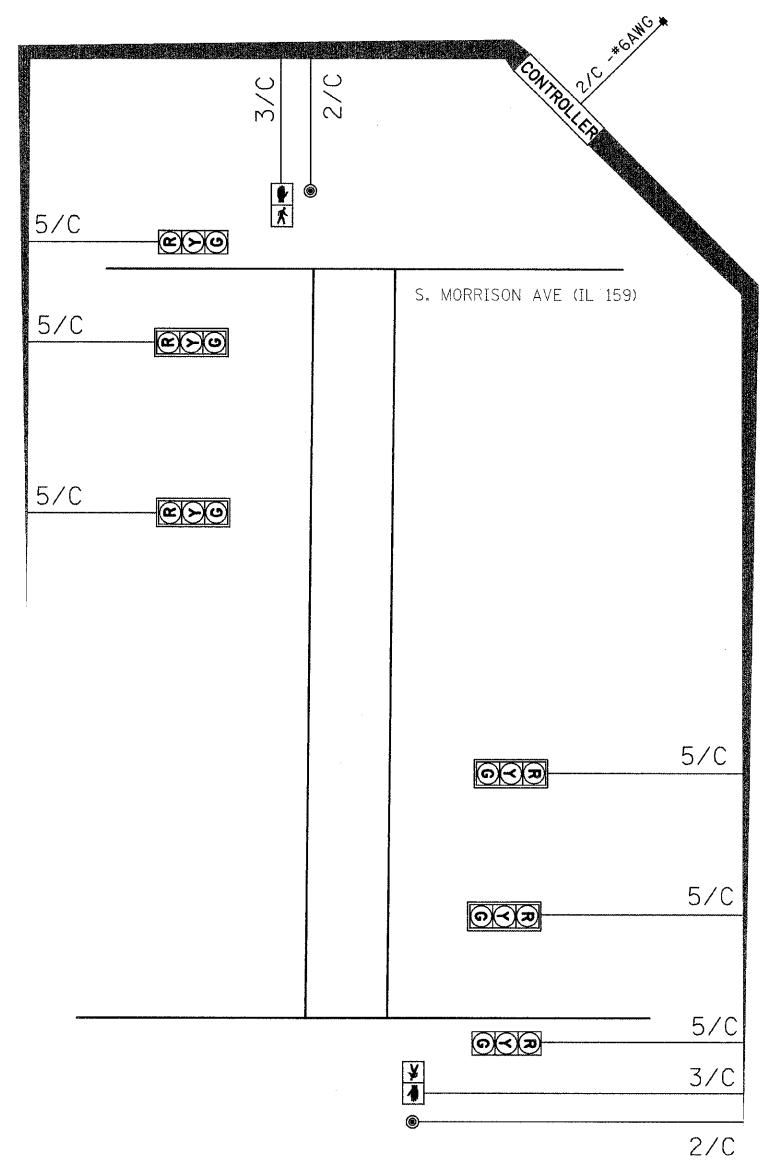


PHASE DESIGNATION DIAGRAM



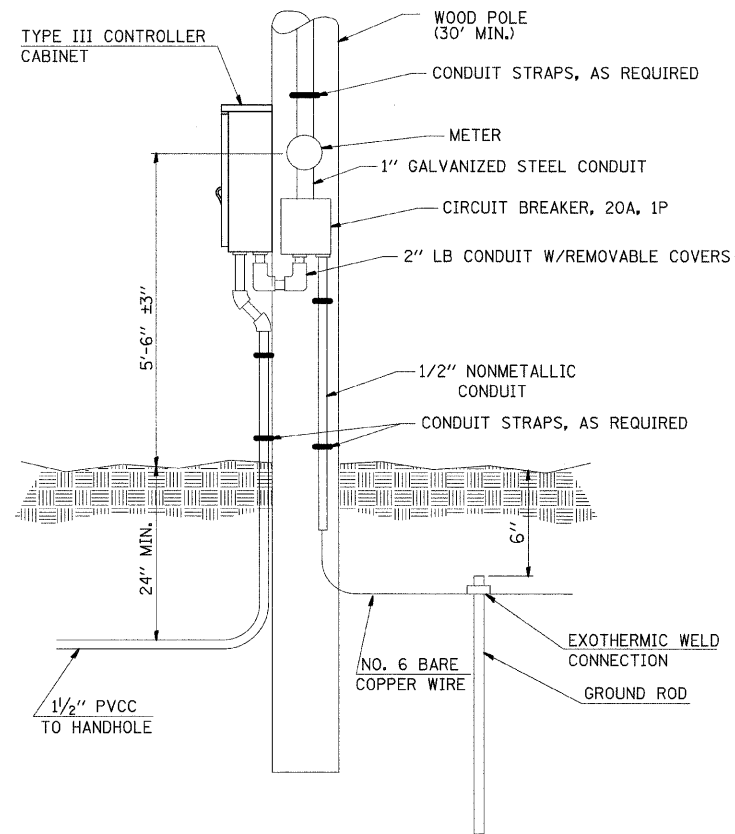


S. MORRISON AVE. AND E. CHURCH ST.



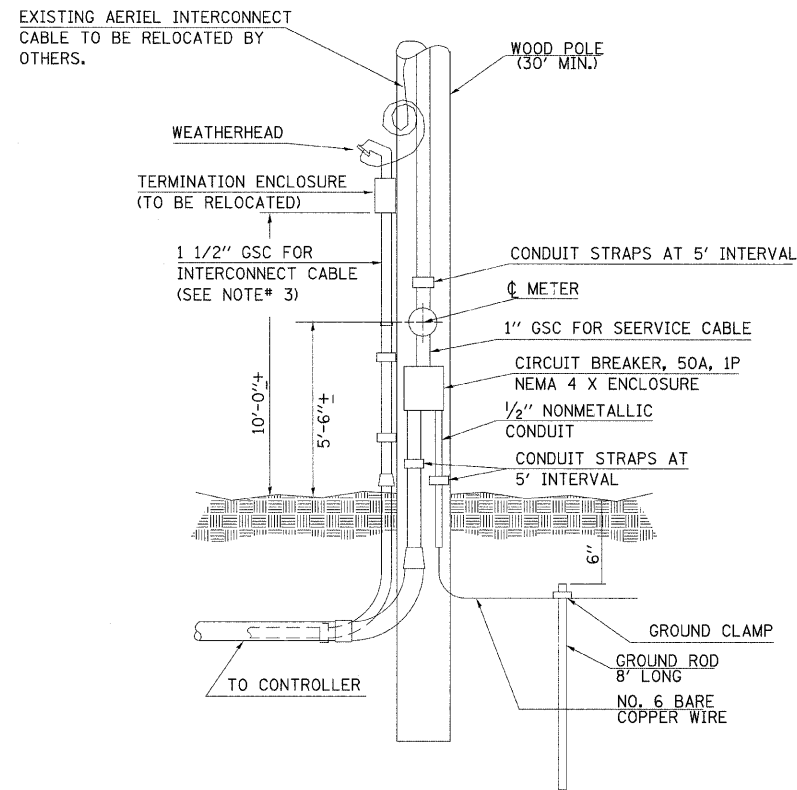
MID-BLOCK CROSSING

FILE NAME = c:\p\work\p\WIDOT\PA TELBM\des79810\087	USER NAME = patelbm 830-sha-ts.dgn	DESIGNED - DRAWN -	REVISED - REVISED -	<b>STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION</b>	<b>CABLE DIAGRAM</b>		F.A.P. RTE. 600	SECTION 60-(30,31,128)-1	COUNTY MADISSON	TOTAL SHEETS 399	SHEET NO. 180	
	PLOT SCALE = 20,0000 ' / IN.	CHECKED -	REVISED -		SCALE:	SHEET NO. OF SHEETS STA.	TO STA.	CONTRACT NO. 76830				
	PLOT DATE = 9/28/2009	DATE -	REVISED -		ILLINOIS FED. AID PROJECT							



**SERVICE INSTALLATION TYPE A  
& CONTROLLER CABINET**  
NOT TO SCALE

IL 159, MID-BLOCK CROSSING



**SERVICE INSTALLATION  
TYPE A**

NOT TO SCALE

IL 159 AT E. CHURCH ST.

**NOTES:**

1. VERTICAL CONDUIT SECTION ATTACHED TO THE SERVICE POLE AND RELOCATION OF TERMINATION ENCLOSURE BOX SHALL BE INCIDENTAL TO THE SERVICE INSTALLATION.
2. THE CONTRACTOR SHALL REMOVE TERMINATION ENCLOSURE AND INTERCONNECT CABLE FROM EXISTING FACILITIES, STORE IT, AND RELOCATE ON PROPOSED FACILITIES.
3. THE CONTRACTOR SHALL FURNISH AND INSTALL ATTACHMENT FOR UTILITY COMPANY'S SERVICE POLE TO THE SATISFACTION OF THE RESPECTIVE UTILITY COMPANY.

FILE NAME =	USER NAME = patelbm	DESIGNED -	REVISED -
ct:\pw_work\VPWIDOT\PA TELBM\dms79810\087	830-sha-ts.dgn	DRAWN -	REVISED -
PLOT SCALE = 20,0000 ' / IN.	CHECKED -	REVISED -	REVISED -
PLOT DATE = 9/28/2009	DATE -	REVISED -	REVISED -

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**TRAFFIC SIGNALS DETAILS**

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

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
600	60-(30,31,128)-1	MADISON	399	181
<b>CONTRACT NO. 76830</b>				
<small>ILLINOIS FED. AID PROJECT</small>				

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION  
DIVISION OF HIGHWAYS**

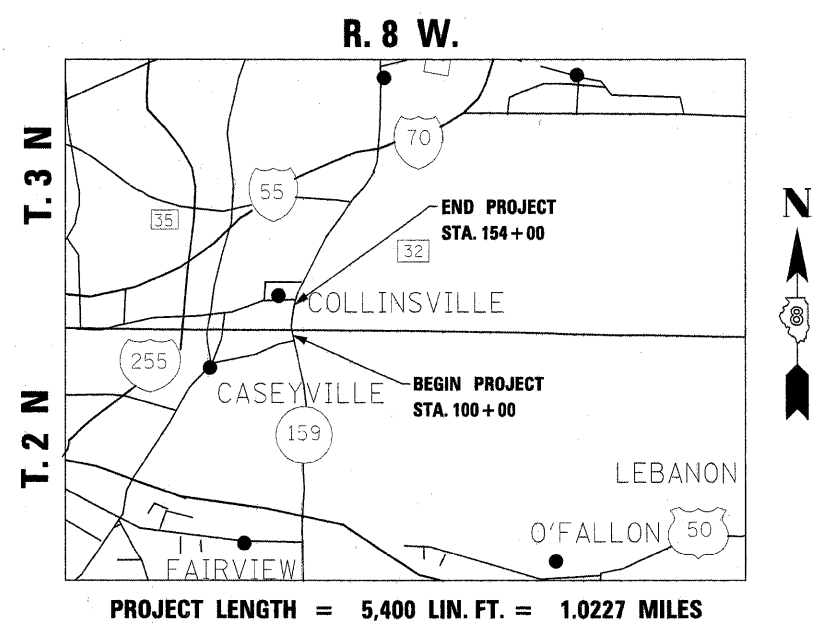
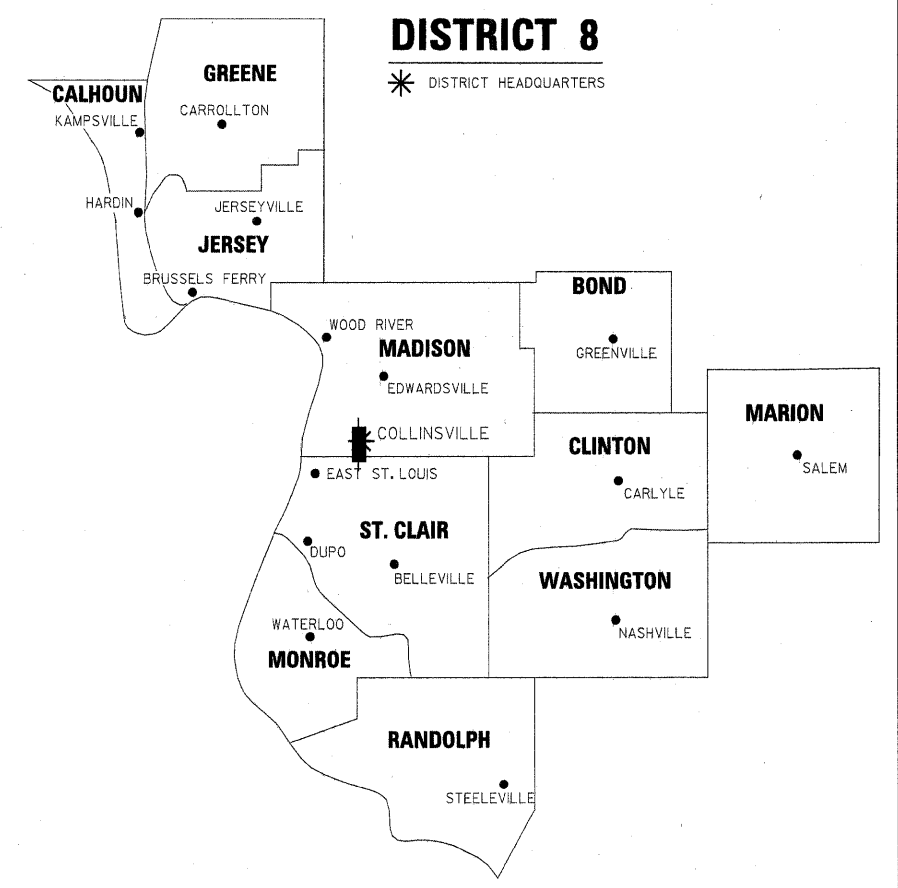
# PLAT OF HIGHWAYS

**FAP ROUTE 600 (IL 159)  
SECTION 60-(30,31,128)-1  
ST. CLAIR & MADISON COUNTY  
JOB NO.  
R-98-011-04**

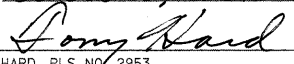
SHEET INDEX		
SHEET NO.	STATION TO STATION	DESCRIPTION
2		NOTES & LEGEND
3	102+00 TO 110+25	PARCELS 8411001-02
4	108+50 TO 110+75	PARCEL 8411003
5	110+75 TO 112+25	PARCELS 8411004-05
6	111+00 TO 116+25	PARCELS 8411006-07
7	114+00 TO 116+75	PARCELS 8411008 & 10
8	115+50 TO 120+00	PARCELS 8411011-12
9	119+00 TO 123+00	PARCELS 8411016-19
10	122+00 TO 125+25	PARCELS 8411020-21
11	123+00 TO 125+50	PARCELS 8411022-23
12	123+75 TO 130+25	PARCEL 8411024
13	125+50 TO 127+25	PARCELS 8411025-27
14	127+00 TO 133+50	PARCELS 8411028-29
15	17+50 TO 19+75 LOOP ST	PARCEL 8411030
16	133+25 TO 135+50	PARCEL 8411031
17	133+50 TO 136+50	PARCELS 8411032-35
18	135+75 TO 136+75	PARCEL 8411036
19	16+00 TO 17+50 LOOP ST	PARCELS 8411037-38
20	136+25 TO 137+75	PARCELS 8411039 & 41
21	136+50 TO 137+50	PARCEL 8411040
22	137+25 TO 138+75	PARCEL 8411042
23	137+50 TO 139+25	PARCELS 8411043 & 45
24	138+50 TO 139+50	PARCEL 8411047
25	139+75 TO 141+25	PARCELS 8411048 & 50
26	139+75 TO 141+25	PARCELS 8411049 & 51
27	141+00 TO 142+75	PARCEL 8411052
28	140+75 TO 144+25	PARCEL 8411053
29	142+50 TO 144+25	PARCELS 8411054 & 57
30	144+75 TO 145+50	PARCEL 8411056
30A	144+75 TO 145+50	PARCEL 84110A56
31	144+00 TO 144+50	PARCELS 8411058-59
32	144+25 TO 146+00	PARCELS 8411060-61
33	145+25 TO 146+50	PARCELS 8411062-63
34	145+75 TO 147+25	PARCELS 8411064 & 66
35	146+25 TO 148+50	PARCELS 8411065, 67, & 69
36	147+50 TO 150+25	PARCELS 8411068 & 72
37	148+25 TO 149+50	PARCEL 8411070
38	149+25 TO 150+25	PARCEL 8411071
39	150+00 TO 151+25	PARCEL 8411073
40	150+00 TO 151+50	PARCELS 8411074-76
41	151+00 TO 152+00	PARCEL 8411077
42	151+25 TO 152+00	PARCEL 8411078
43	152+00 TO 153+75	PARCELS 8411079 & 84
44	28+25 TO 29+25 CHURCH ST.	PARCELS 8411080-81
45	152+00 TO 153+75	PARCELS 8411082-83
46		CONTROL POINT CROSSINGS

SPACE RESERVED FOR RECORDING OFFICER

SPACE RESERVED FOR RECORDING OFFICER



**PREPARED BY:**  
 McDonough-Whitlow, P.C.  
 Consulting Engineers & Land Surveyors  
 138 East Wood Street  
 Hillsboro, IL 62049  
 Phone: 217.532.9233  
 Fax: 217.532.6300  
 PROFESSIONAL DESIGN No. 184-002754

DATED October 5, 2009  
  
 TONY HARD, PLS NO. 2953



(License Expires: 11/30/10)

SET 1 OF 2  
SHEET 1 OF 46

ILLINOIS DEPARTMENT OF TRANSPORTATION DIVISION OF HIGHWAYS/REGION 5/DISTRICT 8 1102 EASTPORT PLAZA DRIVE COLLINSVILLE, ILLINOIS 62234-6198				
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
600	60-(30,31,128)-1	ST. CLAIR & MADISON	399	182
			CONTRACT NO. 76830	
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		

**LEGEND FOR EXISTING TOPOGRAPHIC SYMBOLS**

TRAFFIC SIGNAL HANDHOLE	⊠	DRAINAGE FLOW LINE	— —
TRAFFIC SIGNAL GULFBOX	○	RIP RAP	— —
TRAFFIC SIGNAL HANDHOLE	⊠	HEADWALL	— —
TRAFFIC SIGNAL SIGNAL POST	○	CULVERT END SECTION	— —
TRAFFIC SIGNAL STEEL MAST ARM	— —	DRAINAGE MANHOLE	⊠
TRAFFIC SIGNAL COMBINED MAST ARM	— —	INLET	— —
TRAFFIC SIGNAL PEDESTRIAN PUSH BUTTON	●	ROADWAY DITCH FLOW	— —
TRAFFIC SIGNAL WOODEN POLE	⊠	VEGETATION LINE	— —
TRAFFIC SIGNAL VEHICLE DETECTION PRIORITY	⊠	STUMP	— —
TRAFFIC SIGNAL VEHICLE DETECTION MAGNET	⊠	SHRUB	— —
TRAFFIC SIGNAL JUNCTION BOX	⊠	EVERGREEN TREE	— —
TRAFFIC SIGNAL CONTROLLER	⊠	DECIDUOUS TREE	— —
TRAFFIC SIGNAL HEAVY DUTY HANDHOLE	⊠	WOODS/BUSH PATTERN	— —
RAILROAD CANTILEVER MAST ARM	— —	TRAFFIC SIGN	— —
RAILROAD CROSSBUCK	— —	GAURDRAIL POST	— —
RAILROAD TRACK PATTERN	— —	GAURDRAIL PATTERN	— —
RAILROAD ABANDON PATTERN	— —	FIELD LINE	— —
RAILROAD CROSSGATE	— —	LEVEE/NOISE BARRIER	— —
RAILROAD CONTROL BOX	— —	FENCE PATTERN	— —
RAILROAD FLASHING SIGNAL	— —	MAIL BOX	— —
TELEPHONE SPLICE BOX ABOVE GROUND	⊠	ADVERTISING SIGN	— —
UTILITY POWER POLE	⊠	MARSH	— —
TELEPHONE POLE	⊠	LIGHTING HANDHOLE	— —
UTILITY TRAFFIC SIGNAL	⊠	LIGHTING POWER POLE	— —
UTILITY LIGHT POLE	⊠	LIGHTING JUNCTION BOX	— —
FIRE HYDRANT	⊠	LIGHTING HEAVYDUTY HANDHOLE	— —
UTILITY MANHOLE	⊠	LIGHTING CONTROLLER	— —
UTILITY TELEPHONE POLE	⊠	LIGHTING PULL POINT	— —
UTILITY GUY POLE	⊠	HIGHWAY LIGHTING ELECTRICAL GROUND	— —
PIPELINE WARNING SIGN	⊠	HIGHWAY LIGHTING SINGLE UNIT	— —
UTILITY HANDHOLE	⊠	HIGHWAY LIGHTING DOUBLE UNIT	— —
UTILITY SPLICE ABOVE GROUND	⊠	EXISTING CONCRETE BARRIER	— —
UTILITY JUNCTION BOX	⊠	EXISTING CREEK OR DITCH	— —
UTILITY HEAVY DUTY HANDHOLE	⊠	EXISTING EDGE OF PAVEMENT	— —
UTILITY DOUBLE HANDHOLE	⊠		
UTILITY CONTROLLER	⊠		
UTILITY WATER METER	⊠		

**RIGHT OF WAY LEGEND**

	SECTION CORNERS
	QUARTER SECTION CORNERS
— —	EXISTING CENTERLINE
— —	EXISTING RIGHT OF WAY LINE
— —	FORMER RIGHT OF WAY LINE
— —	EXISTING IDOT EASEMENT LINE
— —	EXISTING EASEMENT LINE
— —	PROPOSED CENTERLINE
— —	PROPOSED RIGHT OF WAY LINE
— —	PROPOSED TEMPORARY EASEMENT LINE
— —	PROPOSED PERMANENT EASEMENT LINE
— —	SECTION LINE
— —	QUARTER SECTION LINE
— —	QUARTER QUARTER SECTION LINE
— —	PROPERTY (DEED) LINE
— —	APL APPARENT PROPERTY LINE
121.45'	MEASURED DIMENSION
(121.45')	RECORDED DIMENSION
□	FOUND STONE
○	FOUND IRON PIPE OR IRON ROD AT CORNER UNLESS OTHERWISE NOTED
●	SET 5/8 INCH IRON ROD WITH PLASTIC CAP IDENTIFIED BY SURVEYORS LICENSE NUMBER AT CORNER UNLESS OTHERWISE NOTED
⊠	PERMANENT SURVEY MONUMENT, I.D.O.T. STD. 667101 (TO BE SET BY OTHERS)
▲	SET 5/8 INCH IRON ROD AS SURVEY CONTROL UNLESS OTHERWISE NOTED
+	FOUND CUT CROSS
+	SET CUT CROSS
— —	SAME OWNERSHIP
	EXISTING BUILDING
■	STAKING OF PROPOSED RIGHT OF WAY CORNERS. SET 5/8 INCH METAL ROD WITH DIVISION OF HIGHWAY SURVEY ALUMINUM CAP TO MONUMENT THE POSITION SHOWN. IDENTIFIED BY INSCRIPTION DATA AND SURVEYORS LICENSE NUMBER, UNLESS OTHERWISE NOTED.

**LEGEND FOR ABBREVIATIONS**

A/C	ACCESS CONTROL
AC	ACRE
AVE	AVENUE
BK	BOOK
BLVD	BOULEVARD
CL	CENTERLINE
CH	COUNTY HIGHWAY
Ch	CHAIN
DB	DEED BOOK
E	EAST
EX	EXISTING
FA	FEDERAL AID
FAI	FEDERAL AID INTERSTATE
FAP	FEDERAL AID PRIMARY
FAS	FEDERAL AID SECONDARY
FAUS	FEDERAL AID URBAN SECONDARY
FND	FOUND
ha	HECTARE
IP	IRON PIPE
IR	IRON ROD
LT	LEFT
m	METER
m²	SQUARE METERS
N	NORTH
N & BC	NAIL AND BOTTLE CAP
N & C	NAIL AND CAP
N & W	NAIL AND WASHER
NE	NORTHEAST
NW	NORTHWEST
PB	PLAT BOOK
PG	PAGE
POB	POINT OF BEGINNING
POC	POINT OF COMMENCEMENT
POT	POINT OF TANGENT
PL	PROPERTY LINE
PR	PROPOSED
RD	ROAD
ROW	RIGHT OF WAY
RR	RAILROAD
RRS	RAILROAD SPIKE
RT	RIGHT
RTE	ROUTE
S	SOUTH
SBI	STATE BOND ISSUE
SE	SOUTHEAST
SO FT	SQUARE FEET
SR	STATE ROUTE
ST	STREET
STA	STATION
SMK	SURVEY MARKER
SW	SOUTHWEST
TWP	TOWNSHIP
TR	TOWNSHIP ROAD
USGS	U.S. GEOLOGICAL SURVEY
W	WEST

SPACE RESERVED FOR RECORDING OFFICER

SPACE RESERVED FOR RECORDING OFFICER

**PROPOSED PARCEL NUMBER LEGEND**

8001001	PROPOSED FEE SIMPLE ACQUISITION
8001001PE	PROPOSED PERMANENT EASEMENT
8001001TE	PROPOSED TEMPORARY EASEMENT
8001001DED	PROPOSED DEDICATION
8001001AC	PROPOSED ACCESS CONTROL LINE

**CURVE ABBREVIATIONS**

PC	POINT OF CURVATURE
PI	POINT OF INTERSECTION
PT	POINT OF TANGENCY
PRC	POINT OF REVERSE CURVE
PCC	POINT OF COMPOUND CURVE
CB	CHORD BEARING
R	RADIUS OF CURVE
L	CURVE LENGTH
CB	CHORD BEARING
C	CHORD LENGTH
D	DEGREE OF CURVE
e	EXTERNAL
Δ	CENTRAL ANGLE

**PREPARED BY:**

McDonough-Whitlow, P.C.  
Consulting Engineers & Land Surveyors  
138 East Wood Street  
Hillsboro, IL 62049  
Phone: 217.532.9233  
Fax: 217.532.6300  
PROFESSIONAL DESIGN No. 184-002754



DATED October 5, 2009  
  
TONY HARD, PLS No. 2953

(License Expires: 11/30/10)

**TOTAL HOLDING AREA SOURCE TABLE**

1	AREA ACCORDING TO THE SURVEY PERFORMED BY THE CONSULTANT.
2	AREA LISTED IN RECORDED DEED.
3	AREA ACCORDING TO A RECORDED SUBDIVISION PLAT.
4	AREA ACCORDING TO A PLAT OF SURVEY.
5	AREA CALCULATED FROM RECORDED DEEDS OR TITLE COMMITMENTS - NOT SURVEYED.
6	AREA ACCORDING TO COUNTY TAX MAPS AND COUNTY ASSESSMENT RECORDS.
7	AREA ACCORDING TO OTHER RECORDS, SEE NOTE ON THE PLAT OF HIGHWAYS.

**TOPOGRAPHIC STATEMENT**

THE TOPOGRAPHY SHOWN HEREON WAS PROVIDED TO THE SURVEYOR BY THE ILLINOIS DEPARTMENT OF TRANSPORTATION. THE SURVEYOR VISUALLY FIELD VERIFIED THE EXISTENCE OF THE TOPOGRAPHY SHOWN HEREON. IN ADDITION THE SURVEYOR PHYSICALLY LOCATED IN THE FIELD THE FOLLOWING ITEMS DURING AUGUST THROUGH OCTOBER, 2005:

1. BUILDINGS
2. COMMERCIAL SIGNS

**BASIS OF COORDINATE & BEARING STATEMENT**

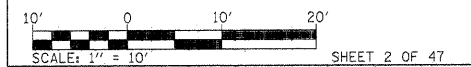
THE PROJECT COORDINATES AND BASIS OF BEARING WERE ESTABLISHED BY THE ILLINOIS DEPARTMENT OF TRANSPORTATION GPS/AERIAL SURVEY NO. D-2203. THE SURVEY WAS PERFORMED DURING THE MONTHS OF APRIL AND MAY, 2005.

BEARINGS ARE BASED ON THE ILLINOIS STATE PLANE COORDINATE SYSTEM, WEST ZONE, NAD 83 (1997). THE DISTANCES AS SHOWN HEREON, EXCEPT AS NOTED, ARE GROUND COORDINATES WHEN DIVIDED BY THE AVERAGE GRID FACTOR USED WILL PROVIDE THE GROUND COORDINATES.

PROJECT COORDINATES ARE BASED ON ILLINOIS STATE PLANE COORDINATE SYSTEM, WEST ZONE, NAD 83 (1997) GROUND COORDINATES. TWO MILLION HAS BEEN TRUNCATED FROM THE EASTING TO DISTINGUISH FROM GROUND COORDINATES.

GPS/AERIAL SURVEY NO. D-2203:  
STATE PLANE COORDINATE ZONE: IL WEST ZONE NAD 83 (1997)  
VERTICAL DATUM: NAVD 88  
GEOID MODEL: GEOID 03  
AVERAGE GRID FACTOR: 0.99992357

ILLINOIS DEPARTMENT OF TRANSPORTATION  
PLAT OF HIGHWAYS  
FAP ROUTE 600 (IL 159)  
SECTION 60-(30,31,128)-1  
ST. CLAIR & MADISON COUNTY  
JOB NO. R-98-011-04



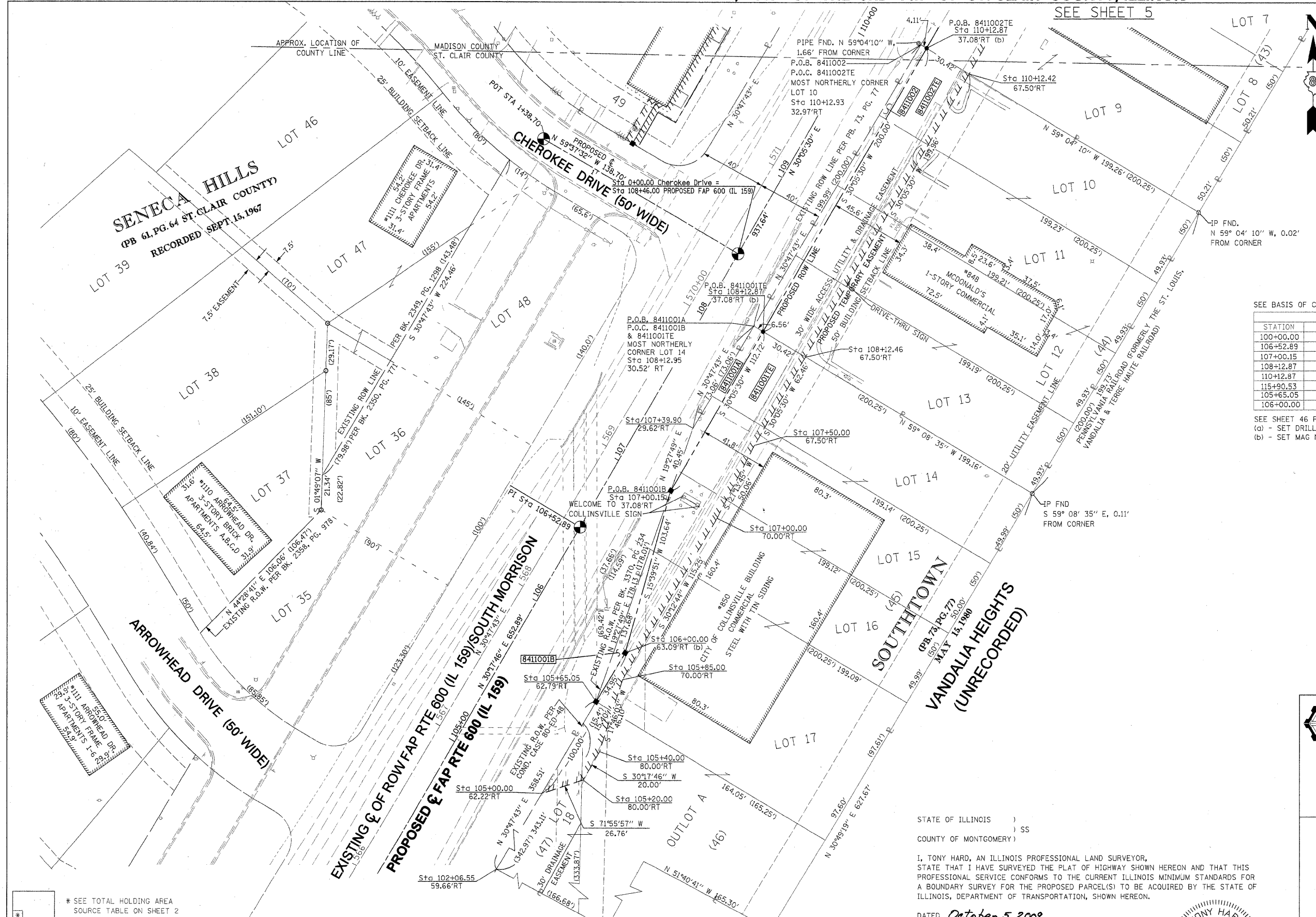
ILLINOIS DEPARTMENT OF TRANSPORTATION  
DIVISION OF HIGHWAYS/REGION 5/DISTRICT 8  
1102 EASTPORT PLAZA DRIVE  
COLLINGSVILLE, ILLINOIS 62234-6198

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
600	60-(30,31,128)-1	ST. CLAIR & MADISON	399	183
CONTRACT NO.			76830	

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

PART OF U.S. SURVEY 393 CLAIM 609 IN T2N., R8W OF THE 3RD PM OF ST. CLAIR COUNTY, ILLINOIS

SEE SHEET 5



SPACE RESERVED FOR RECORDING OFFICER

SPACE RESERVED FOR RECORDING OFFICER

SEE BASIS OF COORDINATES AND BEARINGS STATEMENT ON SHEET 2

STATION	OFFSET	NORTH	EAST
100+00.00	P.I.	724,420.1376	347,900.8680
106+52.89	P.I.	724,983.8610	348,230.2313
107+00.15	37.08' RT	725,006.1582	348,286.0081
108+12.87	37.08' RT	725,103.6860	348,342.5239
110+12.87	37.08' RT	725,276.7332	348,442.8019
115+90.53	P.I.	725,795.1323	348,700.3499
105+65.05	62.79' RT	724,876.3431	348,240.1307
106+00.00	63.09' RT	724,906.3672	348,258.0253

SEE SHEET 46 FOR CONTROL POINTS WITH CROSSINGS  
 (a) - SET DRILL HOLE WITH MAG NAIL  
 (b) - SET MAG NAIL OR LANDSCAPE NAIL

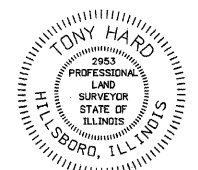
\* SEE TOTAL HOLDING AREA SOURCE TABLE ON SHEET 2

PARCEL NO.	OWNER	TOTAL HOLDING ACRES	GROSS		FEE SIMPLE ACQUISITION PREVIOUSLY DEDICATED AND/OR USED		NET		REMAINDER ACRES	EASEMENTS		PERMANENT TAX NUMBER	PROPERTY ACQUIRED BY
			ACRES	SQ. FT.	ACRES	SQ. FT.	ACRES	SQ. FT.		ACRES	SQ. FT.		
841001	CITY OF COLLINSVILLE TITLE REPORT NO. SC-4943.0	2.4519	A=0.0152 B=0.0109	A=660 B=473	0	0	A=0.0152 B=0.0109	A=660 B=473	2.4258	TE=0.1530	TE=6.664	03-04-0-204-033 03-04-0-204-034 03-04-0-204-035 03-04-0-204-036 03-04-0-204-037 03-04-0-204-038	
841002	GOLDEN ARCH LIMITED PARTNERSHIP, A DELAWARE CORPORATION TITLE REPORT NO. SC-4942.0	0.9140	0.0245	1,067	0	0	0.0245	1,067	0.8895	TE=0.1397	TE=6.083	03-04-0-204-029 03-04-0-204-030 03-04-0-204-031 03-04-0-204-032	

STATE OF ILLINOIS )  
 ) SS  
 COUNTY OF MONTGOMERY )

I, TONY HARD, AN ILLINOIS PROFESSIONAL LAND SURVEYOR, STATE THAT I HAVE SURVEYED THE PLAT OF HIGHWAY SHOWN HEREON AND THAT THIS PROFESSIONAL SERVICE CONFORMS TO THE CURRENT ILLINOIS MINIMUM STANDARDS FOR A BOUNDARY SURVEY FOR THE PROPOSED PARCEL(S) TO BE ACQUIRED BY THE STATE OF ILLINOIS, DEPARTMENT OF TRANSPORTATION, SHOWN HEREON.

DATED October 5, 2009  
*Tony Hard*  
 TONY HARD, P.L.S. NO. 2953



(License Expires: 11/30/10)

**McDonough-Whitlow, P.C.**  
 Consulting Engineers & Land Surveyors  
 138 East Wood Street  
 Hillsboro, IL 62049  
 Phone: 217.532.9233  
 Fax: 217.532.6300  
 PROFESSIONAL DESIGN NO. 184-002754

ILLINOIS DEPARTMENT OF TRANSPORTATION  
 PLAT OF HIGHWAYS  
 FAP ROUTE 600 (IL 159)  
 SECTION 60-(30,31,128)-1  
 ST. CLAIR COUNTY  
 JOB NO. R-98-011-04  
 STATION 102+00 TO STATION 110+25

SCALE: 1" = 30'

SHEET 3 OF 46

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
600	60-(30,31,128)-1	ST. CLAIR	399	184

ILLINOIS DEPARTMENT OF TRANSPORTATION  
 DIVISION OF HIGHWAYS/REGION 5/DISTRICT 8  
 1102 EASTPORT PLAZA DRIVE  
 COLLINSVILLE, ILLINOIS 62234-6198

CONTRACT NO. 76830

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

**PART OF U.S. SURVEY 393 CLAIM 609 IN T.3N., R.8W., MADISON COUNTY, ILLINOIS & T.2N., R.8W., ST. CLAIR COUNTY, ILLINOIS OF THE 3RD PM**

SEE BASIS OF COORDINATES AND BEARINGS STATEMENT ON SHEET 2

COORDINATE TABLE			
STATION	OFFSET	NORTH	EAST
108+71.73	86.00' LT	725,216.3297	348,265.5471
108+71.78	90.00' LT	725,218.3777	348,262.1108
108+96.00	73.50' LT	725,231.0583	348,288.5292
108+96.00	86.00' LT	725,237.3256	348,277.7139
109+01.30	83.15' LT	725,240.4811	348,282.8401
109+01.39	90.00' LT	725,243.9927	348,276.9543
109+65.57	82.33' LT	725,295.6742	348,315.7698
109+65.60	85.00' LT	725,297.0433	348,313.4751
109+67.00	73.50' LT	725,292.4893	348,324.1274
109+67.00	79.50' LT	725,295.4976	348,318.9361
109+68.00	80.50' LT	725,296.8642	348,318.5722
110+30.00	85.00' LT	725,352.7643	348,345.7645
110+30.00	80.50' LT	725,350.5081	348,349.6580
110+50.20	46.57' LT	725,350.9773	348,389.1398
110+50.62	80.50' LT	725,368.3456	348,359.9946
106+52.89	PI	724,983.8610	348,230.2313
115+90.53	PI	725,795.1323	348,700.3499
108+91.27	48.53' LT	725,214.4487	348,307.7678
108+71.52	68.77' LT	725,207.5080	348,280.3483

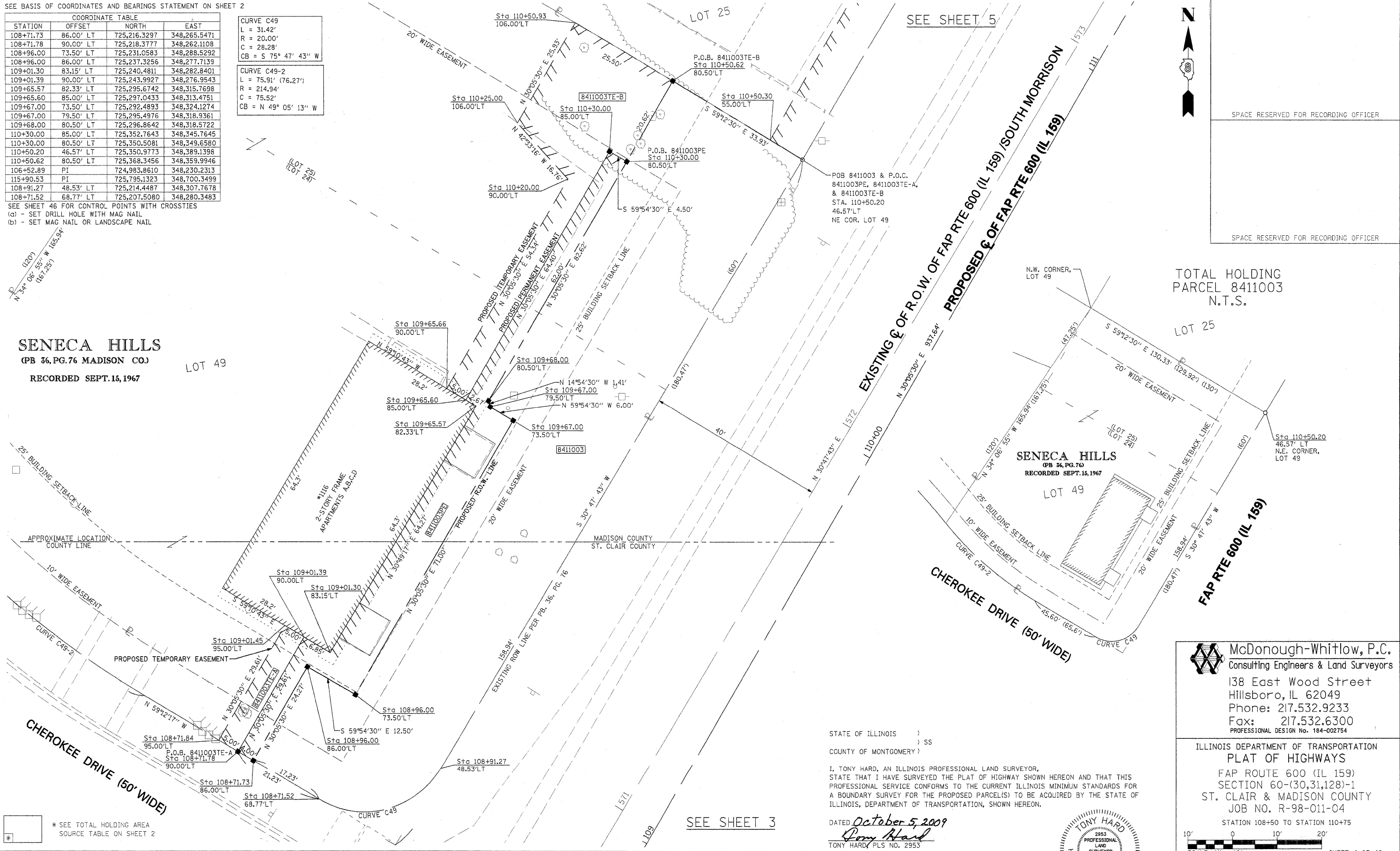
**CURVE C49**  
 L = 31.42'  
 R = 20.00'  
 C = 28.28'  
 CB = S 75° 47' 43" W

**CURVE C49-2**  
 L = 75.91' (76.27')  
 R = 214.94'  
 C = 75.52'  
 CB = N 49° 05' 13" W

SEE SHEET 46 FOR CONTROL POINTS WITH CROSSIES  
 (a) - SET DRILL HOLE WITH MAG NAIL  
 (b) - SET MAG NAIL OR LANDSCAPE NAIL

**SENECA HILLS**  
 (PB 36, PG. 76 MADISON CO.)  
 RECORDED SEPT. 15, 1967

LOT 49



TOTAL HOLDING  
 PARCEL 8411003  
 N.T.S.

**SENECA HILLS**  
 (PB 36, PG. 76)  
 RECORDED SEPT. 15, 1967

**CHEROKEE DRIVE (50' WIDE)**

**EXISTING & OF R.O.W. OF FAP RTE 600 (IL 159) / SOUTH MORRISON**

**FAP RTE 600 (IL 159)**

STATE OF ILLINOIS )  
 ) SS  
 COUNTY OF MONTGOMERY )

I, TONY HARD, AN ILLINOIS PROFESSIONAL LAND SURVEYOR, STATE THAT I HAVE SURVEYED THE PLAT OF HIGHWAY SHOWN HEREON AND THAT THIS PROFESSIONAL SERVICE CONFORMS TO THE CURRENT ILLINOIS MINIMUM STANDARDS FOR A BOUNDARY SURVEY FOR THE PROPOSED PARCEL(S) TO BE ACQUIRED BY THE STATE OF ILLINOIS, DEPARTMENT OF TRANSPORTATION, SHOWN HEREON.

DATED October 5, 2009  
*Tony Hard*  
 TONY HARD, PLS NO. 2953



(License Expires: 11/30/10)

SCALE: 1" = 10'

SHEET 4 OF 46

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEET NO.
600	60-(30,31,128)-1	ST. CLAIR & MADISON	399   185
COMPLETION DATE OF FIELD WORK PERFORMED			CONTRACT NO. 76830
LAND SURVEY: 10-11-05	ROW STAKING: 09-17-09	FED. ROAD DIST. NO. [ILLINOIS] FED. AID PROJECT	

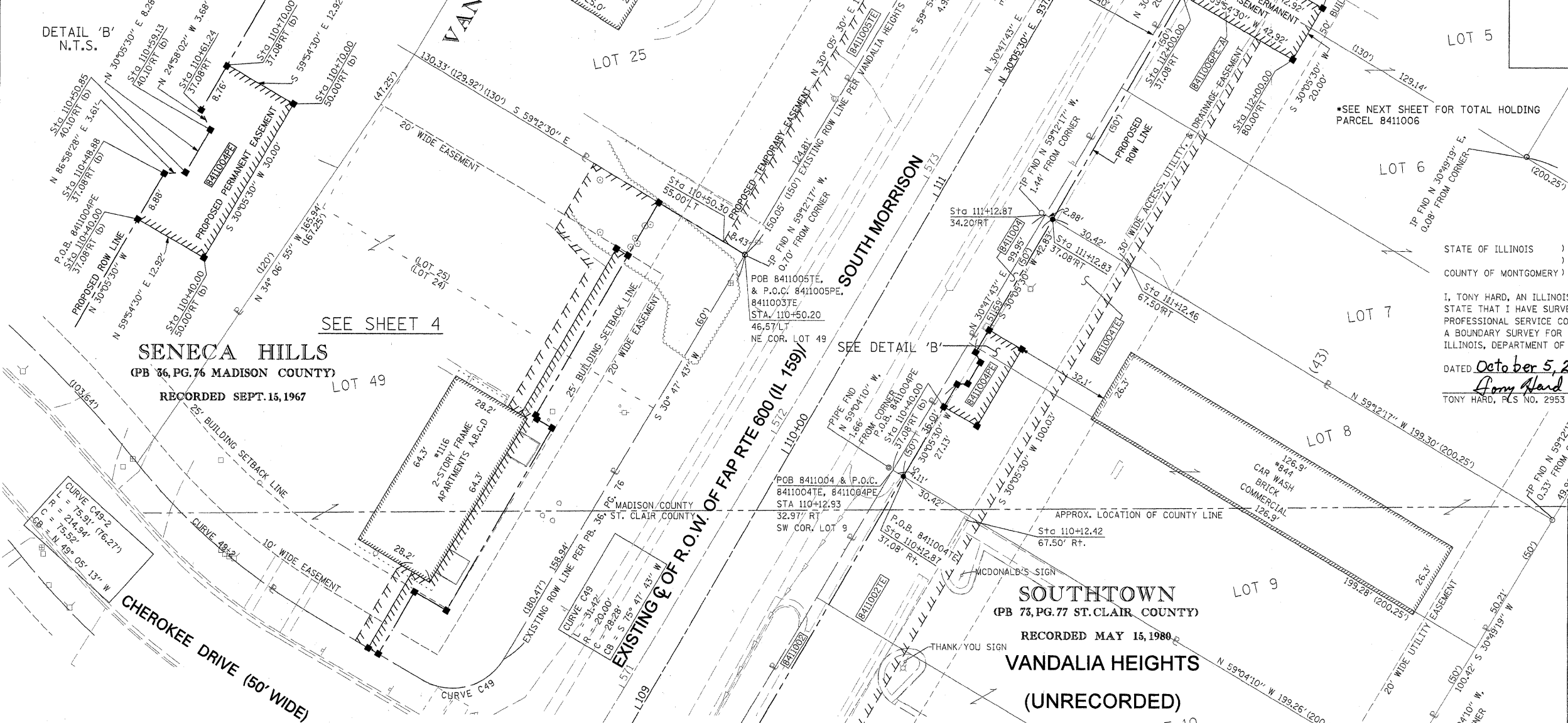
\* SEE TOTAL HOLDING AREA SOURCE TABLE ON SHEET 2

PARCEL NO.	OWNER	TOTAL HOLDING ACRES	FEE SIMPLE ACQUISITION			EASEMENTS			PERMANENT TAX NUMBER	PROPERTY ACQUIRED BY		
			GROSS ACRES	SQ. FT.	NET ACRES	SQ. FT.	REMAINDER ACRES	PE = PERMANENT ACRES			TE = TEMPORARY ACRES	EASEMENT PURPOSE
8411003	MPG, INC. TITLE REPORT NO. MA-3418.0, SC-5888.0	0.5472	0.1245	5,425	0.1245	5,425	0.4227	PE 0.0248 TE-A 0.0034 TE-B 0.0223	1,079 148 972	PE-RETAINING WALL CONSTRUCTION & MAINTENANCE, AND GRADING TE-A-GRADING TE-B-GRADING	13-2-21-33-20-401-013 03-04.0-210-001	

COORDINATE TABLE			
STATION	OFFSET	NORTH	EAST
111+12.83	37.08' RT	725,363.2236	348,492.9217
110+12.87	37.08' RT	725,276.7332	348,442.8019
110+40.00	37.08' RT	725,300.2077	348,456.4050
110+40.00	50.00' RT	725,293.7298	348,467.5837
110+70.00	50.00' RT	725,319.6865	348,482.6252
110+70.00	37.08' RT	725,326.1644	348,471.4465
110+61.24	37.08' RT	725,318.5850	348,467.0544
110+59.13	40.10' RT	725,315.2051	348,468.6787
110+50.85	40.10' RT	725,308.0812	348,464.4580
110+48.88	37.08' RT	725,307.8908	348,460.8573
112+00.24	44.73' LT	725,479.8688	348,465.9600
111+75.00	45.04' LT	725,458.1877	348,453.0379
112+00.30	50.00' LT	725,482.5658	348,461.4343
111+75.00	50.00' LT	725,460.6735	348,448.7481
106+52.89	PI	724,983.8610	348,230.2313
115+90.53	PI	725,795.1323	348,700.3499
112+00.00	37.08' RT	725,438.6436	348,536.6264
112+00.00	80.00' RT	725,417.1242	348,573.7619
112+20.00	80.00' RT	725,434.4287	348,583.7896
112+20.00	37.08' RT	725,455.9481	348,546.6541
112+90.00	37.08' RT	725,516.5139	348,581.7510
112+90.00	50.00' RT	725,510.0360	348,592.9297
113+10.00	50.00' RT	725,527.3405	348,602.9574
113+10.00	37.08' RT	725,533.8184	348,591.7787

SPACE RESERVED FOR RECORDING OFFICER

SEE SHEET 46 FOR CONTROL POINTS WITH CROSSIES  
 (a) - SET DRILL HOLE WITH MAG NAIL  
 (b) - SET MAG NAIL OR LANDSCAPE NAIL



DETAIL 'B'  
N.T.S.

DETAIL 'A'  
N.T.S.

\*SEE NEXT SHEET FOR TOTAL HOLDING PARCEL 8411006

STATE OF ILLINOIS )  
 ) SS  
 COUNTY OF MONTGOMERY )

I, TONY HARD, AN ILLINOIS PROFESSIONAL LAND SURVEYOR, STATE THAT I HAVE SURVEYED THE PLAT OF HIGHWAY SHOWN HEREON AND THAT THIS PROFESSIONAL SERVICE CONFORMS TO THE CURRENT ILLINOIS MINIMUM STANDARDS FOR A BOUNDARY SURVEY FOR THE PROPOSED PARCEL(S) TO BE ACQUIRED BY THE STATE OF ILLINOIS, DEPARTMENT OF TRANSPORTATION, SHOWN HEREON.

DATED October 5, 2009  
Tony Hard  
 TONY HARD, P.L.S. NO. 2953



**McDonough-Whitlow, P.C.**  
 Consulting Engineers & Land Surveyors  
 138 East Wood Street  
 Hillsboro, IL 62049  
 Phone: 217.532.9233  
 Fax: 217.532.6300  
 PROFESSIONAL DESIGN NO. 184-002754

ILLINOIS DEPARTMENT OF TRANSPORTATION  
 PLAT OF HIGHWAYS  
 FAP ROUTE 600 (IL 159)  
 SECTION 60-(30,31,128)-1  
 ST. CLAIR & MADISON COUNTY  
 JOB NO. R-98-011-04  
 STATION 110+75 TO STATION 112+25

SCALE: 1" = 20'  
 SHEET 5 OF 46

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
600	60-(30,31,128)-1	ST. CLAIR & MADISON	399	186
COMPLETION DATE OF FIELD WORK PERFORMED		CONTRACT NO. 76830		
LAND SURVEY: 10-11-05		ROW STAKING: 09-19-09		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		

\* SEE TOTAL HOLDING AREA SOURCE TABLE ON SHEET 2

PARCEL NO.	OWNER	TOTAL HOLDING ACRES	FEE SIMPLE ACQUISITION				EASEMENTS		PERMANENT TAX NUMBER	PROPERTY ACQUIRED BY	
			GROSS ACRES	NET ACRES	REMAINDER ACRES	PE = PERMANENT TE = TEMPORARY ACRES	SO. FT.	SO. FT.			EASEMENT PURPOSE
8411004	SARATH K. GUNAWARDHANA TITLE REPORT NO. MA-3415.0, SC-4941.0	0.4583	0.0087	380	0.0087	380	0.4496	TE 0.0609 PE 0.0082	2,654 356	TE GRADING & ENTRANCE CONSTRUCTION PE SIGNAL LIGHT CONSTRUCTION & MAINTENANCE	13-2-21-33-20-401-030 03-04-0-204-028
8411005	ROBERT B. & DENISE K. FOWLER, AS JOINT TENANTS TITLE REPORT NO. MA-3419.0	0.4487	0	0	0	0	0.4487	TE 0.0292 PE 0.0030	1,273 129	TE GRADING & ENTRANCE CONSTRUCTION PE GRADING, DRAINAGE CONSTRUCTION & MAINTENANCE	13-1-21-33-20-401-008

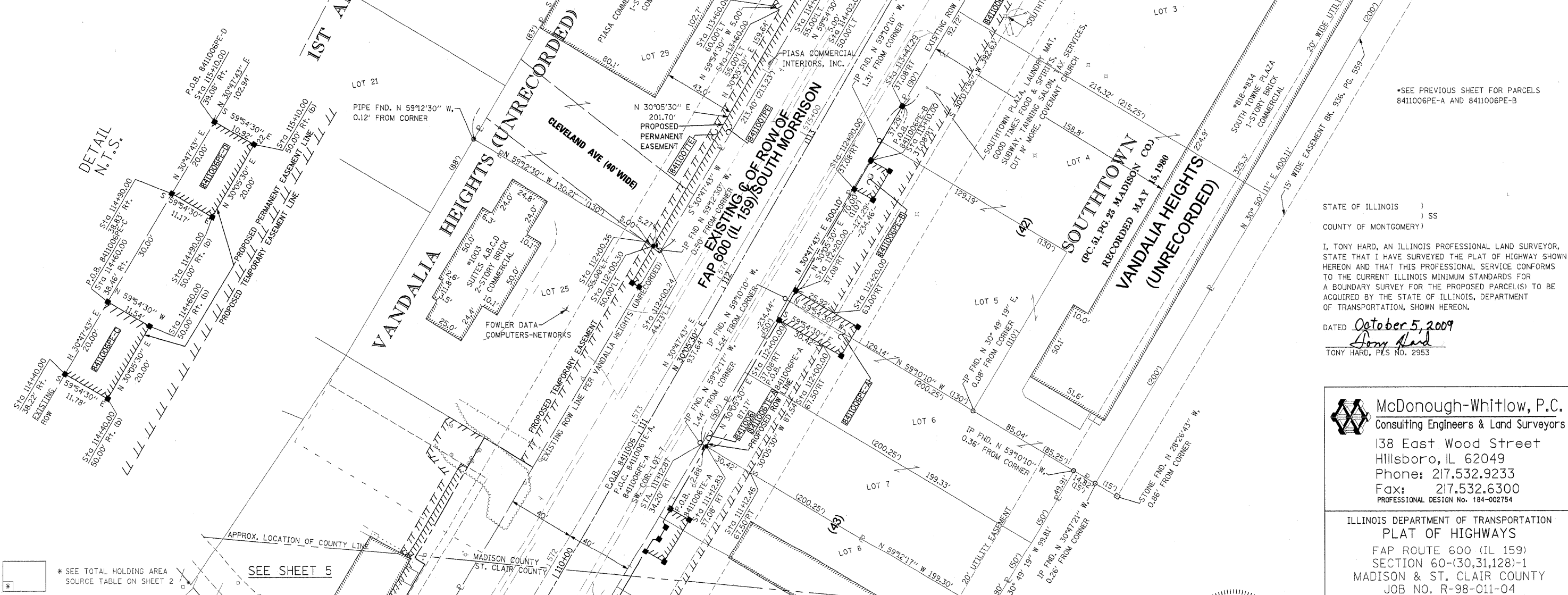


PART OF U.S. SURVEY 393 CLAIM 609 IN T.3N., R.8W., OF THE 3RD PM, MADISON COUNTY, ILLINOIS

SEE BASIS OF COORDINATES AND BEARINGS STATEMENT ON SHEET 2

COORDINATE TABLE				
STATION	OFFSET	NORTH	EAST	
111+12.83	37.08' RT	725,363.2236	348,492.9217	
112+00.00	80.00' RT	725,417.1242	348,573.7619	
112+20.00	80.00' RT	725,434.4287	348,583.7896	
116+13.36	40.10' RT	725,794.2839	348,746.4849	
115+10.00	39.08' RT	725,705.8615	348,693.7845	
115+10.00	50.00' RT	725,700.3855	348,703.2342	
114+90.00	50.00' RT	725,683.0810	348,693.2065	
114+90.00	38.83' RT	725,688.6801	348,683.5443	
114+60.00	38.46' RT	725,662.9081	348,668.1840	
114+60.00	50.00' RT	725,657.1242	348,678.1650	
114+40.00	50.00' RT	725,639.8198	348,668.1373	
114+40.00	38.22' RT	725,645.7268	348,657.9438	
113+47.29	37.08' RT	725,566.0806	348,610.4741	
113+10.00	37.08' RT	725,533.8184	348,591.7787	
113+10.00	50.00' RT	725,527.3405	348,602.9574	
112+90.00	50.00' RT	725,510.0360	348,592.3297	
112+90.00	37.08' RT	725,516.5139	348,581.7510	
112+20.00	37.08' RT	725,455.9481	348,546.6541	
112+00.00	37.08' RT	725,438.6436	348,536.6264	
112+00.30	50.00' LT	725,482.5658	348,461.4343	
114+13.78	55.00' LT	725,669.7779	348,564.1418	
114+02.00	55.00' LT	725,659.5865	348,558.2361	
114+02.00	50.00' LT	725,657.0796	348,562.5622	
106+52.89	PI	724,983.8610	348,230.2313	
115+90.53	PI	725,795.1323	348,700.3499	

SEE SHEET 46 FOR CONTROL POINTS WITH CROSSIES  
 (a) - SET DRILL HOLE WITH MAG NAIL  
 (b) - SET MAG NAIL OR LANDSCAPE NAIL



STATE OF ILLINOIS )  
 COUNTY OF MONTGOMERY ) SS

I, TONY HARD, AN ILLINOIS PROFESSIONAL LAND SURVEYOR, STATE THAT I HAVE SURVEYED THE PLAT OF HIGHWAY SHOWN HEREON AND THAT THIS PROFESSIONAL SERVICE CONFORMS TO THE CURRENT ILLINOIS MINIMUM STANDARDS FOR A BOUNDARY SURVEY FOR THE PROPOSED PARCEL(S) TO BE ACQUIRED BY THE STATE OF ILLINOIS, DEPARTMENT OF TRANSPORTATION, SHOWN HEREON.

DATED October 5, 2009  
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 PROFESSIONAL DESIGN NO. 184-002754

ILLINOIS DEPARTMENT OF TRANSPORTATION  
**PLAT OF HIGHWAYS**  
 FAP ROUTE 600 (IL 159)  
 SECTION 60-(30,31,128)-1  
 MADISON & ST. CLAIR COUNTY  
 JOB NO. R-98-011-04  
 STATION 111+00 TO STATION 116+25

SCALE: 1" = 30'

ILLINOIS DEPARTMENT OF TRANSPORTATION  
 DIVISION OF HIGHWAYS/REGION 5/DISTRICT 8  
 1102 EASTPORT PLAZA DRIVE  
 COLLINGSVILLE, ILLINOIS 62234-6198

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
600	60-(30,31,128)-1	MADISON & ST. CLAIR	399	187

CONTRACT NO. 76830

PARCEL NO.	OWNER	TOTAL HOLDING ACRES	FEE SIMPLE ACQUISITION				REMAINDER ACRES	EASEMENTS		PERMANENT TAX NUMBER	PROPERTY ACQUIRED BY
			GROSS ACRES	SO. FT.	NET ACRES	SO. FT.		PE - PERMANENT ACRES	SO. FT.		
8411006	NATIONAL LAUNDRY EQUIPMENT CORPORATION TITLE REPORT NO. MA-3416.0	2.4257	0.0077	338	0.0077	338	2.4180	TE-A 0.0610 TE-B 0.2085 PE-A 0.0197 PE-B 0.0059 PE-C 0.0054 PE-D 0.0051	2,657 9,083 858 258 233 221	TE-A&B GRADING & ENTRANCE CONSTRUCTION PE-A,B,C,D, GRADING, DRAINAGE CONSTRUCTION & MAINTENANCE, ENTRANCE CONSTRUCTION	13-2-21-33-20-401-029 13-2-21-33-20-401-028 13-2-21-34-17-301-012 13-2-21-34-17-301-011
8411007	PIAZZA COMMERCIAL INTERIORS, INC., AN ILLINOIS CORPORATION TITLE REPORT NO. MA-3420.0	0.6375	0	0	0	0	0.6375	TE 0.0286 PE 0.0336	1,248 1,463	TE-GRADING & ENTRANCE CONSTRUCTION PE-GRADING, DRAINAGE CONSTRUCTION & MAINTENANCE	13-1-21-33-20-401-007

PART OF U.S. SURVEY 393 CLAIM 609 IN T.3N., R.8W., OF THE 3RD PM, MADISON COUNTY, ILLINOIS

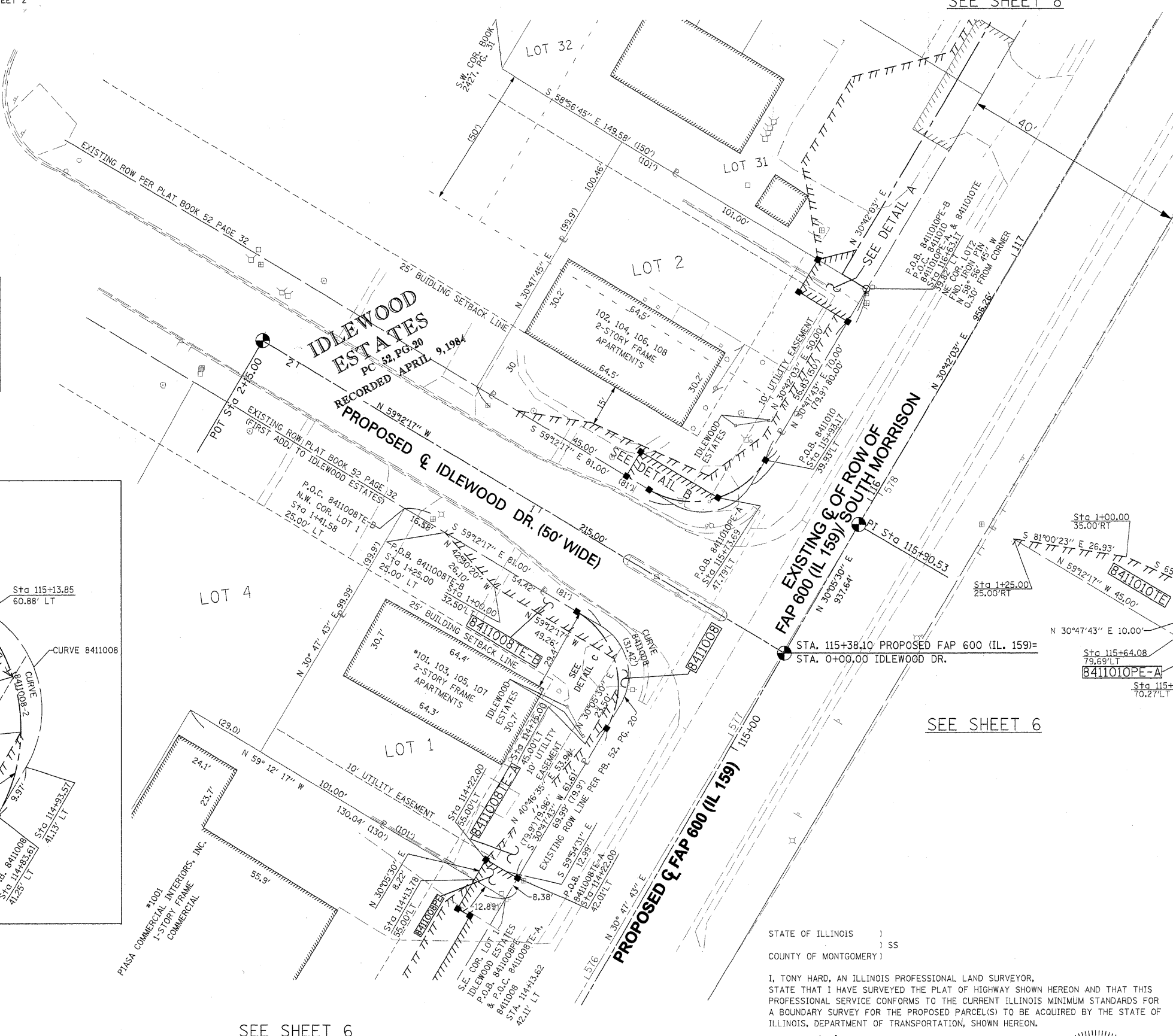
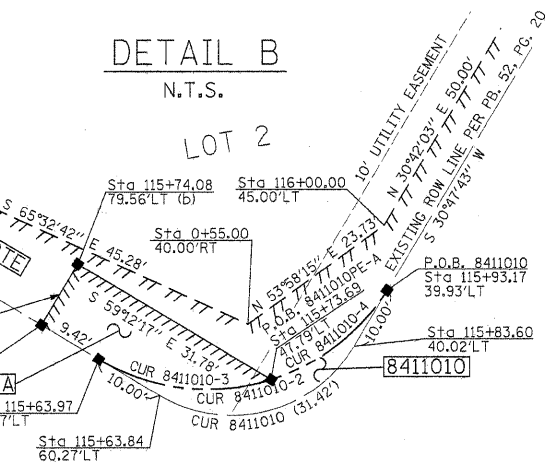
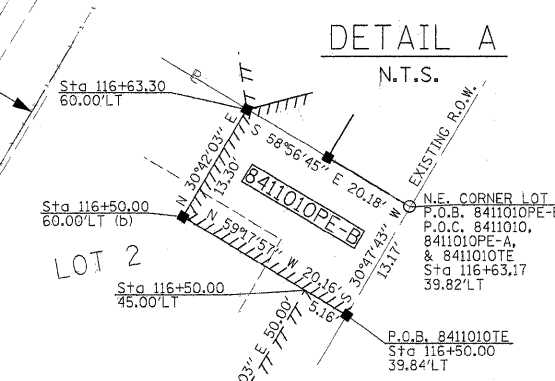
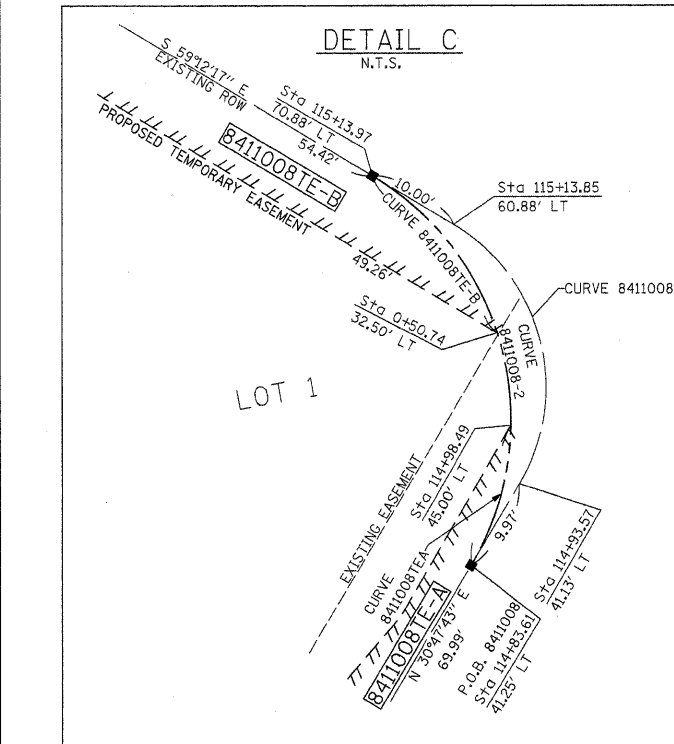
SEE BASIS OF COORDINATES AND BEARINGS STATEMENT ON SHEET 2

SEE SHEET 8

COORDINATE TABLE			
STATION	OFFSET	NORTH	EAST
114+22.00	42.01' LT	725,670.3773	348,579.5044
114+13.78	55.00' LT	725,669.7779	348,564.1418
114+22.00	55.00' LT	725,676.8910	348,568.2638
114+83.61	41.25' LT	725,723.3004	348,611.0469
115+13.97	70.88' LT	725,764.4296	348,600.6359
116+50.00	39.84' LT	725,866.6056	348,696.4578
116+50.00	60.00' LT	725,876.8995	348,679.1213
116+63.30	60.00' LT	725,888.3329	348,685.9102
116+63.17	39.82' LT	725,877.9208	348,703.2018
115+63.97	70.27' LT	725,807.3797	348,626.2345
115+93.17	39.93' LT	725,817.7906	348,667.3638
115+64.08	79.69' LT	725,812.2027	348,618.1423
115+74.08	79.56' LT	725,820.7928	348,623.2620
115+73.69	47.79' LT	725,804.5217	348,650.5621
106+52.89	PI	724,983.8610	348,230.2313
115+90.53	PI	725,795.1323	348,700.3499
115+38.10	PI	725,749.7700	348,674.0632
2+15.00	POT	725,859.8438	348,489.3777

SEE SHEET 46 FOR CONTROL POINTS WITH CROSSIES  
 (a) - SET DRILL HOLE WITH MAG NAIL  
 (b) - SET MAG NAIL OR LANDSCAPE NAIL

CURVE TABLE				
CURVE	LENGTH	RADIUS	CHORD	CHORD BEARING
8411008	31.45'	20.00'	28.31'	S 14°09'42" E
8411008-2	47.12'	30.00'	42.43'	N 14°12'17" W
8411008TE-A	15.53'	30.00'	15.36'	S 15°57'54" W
8411008TE-B	21.68'	30.00'	21.21'	S 38°30'00" E
8411010	31.42'	20.00'	28.28'	S 75°47'43" W
8411010-2	47.12'	30.00'	42.43'	N 75°47'43" E
8411010-3	25.23'	30.00'	24.49'	N 83°17'58" W
8411010-4	21.89'	30.00'	21.41'	S 51°42'01" W



\* SEE TOTAL HOLDING AREA SOURCE TABLE ON SHEET 2

PARCEL NO.	OWNER	TOTAL HOLDING ACRES	FEE SIMPLE ACQUISITION				REMAINDER ACRES	EASEMENTS		PERMANENT TAX NUMBER	PROPERTY ACQUIRED BY
			GROSS ACRES	SQ. FT.	NET ACRES	SQ. FT.		PE = PERMANENT TE = TEMPORARY ACRES	SO. FT.		
8411008	EQUITY INVESTMENT COMPANY, A PARTNERSHIP TITLE REPORT NO. MA-3421.0	0.2299	0.0025	107	0.0025	107	0.2274	PE 0.0025 TE-A 0.0117 TE-B 0.0096	107 511 416	GRADING, DRAINAGE CONSTRUCTION & MAINTENANCE GRADING GRADING	13-2-21-33-20-401-032
8411010	EQUITY INVESTMENT COMPANY, A PARTNERSHIP TITLE REPORT NO. MA-3421.0	0.2304	0.0025	107	0.0025	107	0.2279	PE-A 0.0057 PE-B 0.0061 TE 0.0214	249 267 930	STORM SEWER CONSTRUCTION & MAINTENANCE, AND GRADING GRADING, DRAINAGE CONSTRUCTION & MAINTENANCE GRADING	13-2-21-33-20-401-031

STATE OF ILLINOIS )  
 COUNTY OF MONTGOMERY ) SS  
 I, TONY HARD, AN ILLINOIS PROFESSIONAL LAND SURVEYOR, STATE THAT I HAVE SURVEYED THE PLAT OF HIGHWAY SHOWN HEREON AND THAT THIS PROFESSIONAL SERVICE CONFORMS TO THE CURRENT ILLINOIS MINIMUM STANDARDS FOR A BOUNDARY SURVEY FOR THE PROPOSED PARCEL(S) TO BE ACQUIRED BY THE STATE OF ILLINOIS, DEPARTMENT OF TRANSPORTATION, SHOWN HEREON.  
 DATED October 5, 2009  
 TONY HARD, PLS NO. 2953



**McDonough-Whitlow, P.C.**  
 Consulting Engineers & Land Surveyors  
 138 East Wood Street  
 Hillsboro, IL 62049  
 Phone: 217.532.9233  
 Fax: 217.532.6300  
 PROFESSIONAL DESIGN No. 184-002754

ILLINOIS DEPARTMENT OF TRANSPORTATION  
**PLAT OF HIGHWAYS**  
 FAP ROUTE 600 (IL 159)  
 SECTION 60-(30,31,128)-1  
 MADISON & ST. CLAIR COUNTY  
 JOB NO. R-98-011-04  
 STATION 114+00 TO STATION 116+75

SCALE: 1" = 20'

SHEET 7 OF 46

F.A. R.T.E.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
600	60-(30,31,128)-1	MADISON	399	188

COMPLETION DATE OF FIELD WORK PERFORMED:  
 LAND SURVEY: 10-11-05    ROW STAKING: 09-17-09

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

PART OF THE U.S. SURVEY 393 CLAIM 609 IN T3N, R8W, OF THE 3RD PM, MADISON COUNTY, ILLINOIS

SEE BASIS OF COORDINATES AND BEARINGS STATEMENT ON SHEET 2

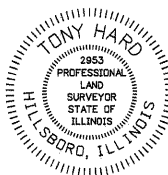
COORDINATE TABLE				
STATION	OFFSET	NORTH	EAST	
0+00.00	PI	725,749.7700	348,674.0632	
2+15.00	PI	725,859.8438	348,489.3777	
106+52.89	PI	724,983.8610	348,230.2313	
115+90.53	PI	725,795.1323	348,700.3499	
116+63.17	39.82' LT	725,877.9208	348,703.2018	
116+63.24	50.00' LT	725,883.1743	348,694.4771	
116+63.30	60.00' LT	725,888.3329	348,685.9102	
116+73.24	50.00' LT	725,891.7730	348,699.5828	
119+83.18	50.00' LT	726,152.2772	348,857.8263	
119+83.18	39.29' LT	726,152.8075	348,867.0361	
125+46.79	PC	726,617.3704	349,188.5743	

SEE SHEET 46 FOR CONTROL POINTS WITH CROSSIES  
 (a) - SET DRILL HOLE WITH MAG NAIL  
 (b) - SET MAG NAIL OR LANDSCAPE NAIL

STATE OF ILLINOIS )  
 ) SS  
 COUNTY OF MONTGOMERY )

I, TONY HARD, AN ILLINOIS PROFESSIONAL LAND SURVEYOR, STATE THAT I HAVE SURVEYED THE PLAT OF HIGHWAY SHOWN HEREON AND THAT THIS PROFESSIONAL SERVICE CONFORMS TO THE CURRENT ILLINOIS MINIMUM STANDARDS FOR A BOUNDARY SURVEY FOR THE PROPOSED PARCEL(S) TO BE ACQUIRED BY THE STATE OF ILLINOIS, DEPARTMENT OF TRANSPORTATION, SHOWN HEREON.

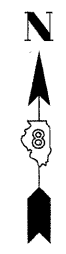
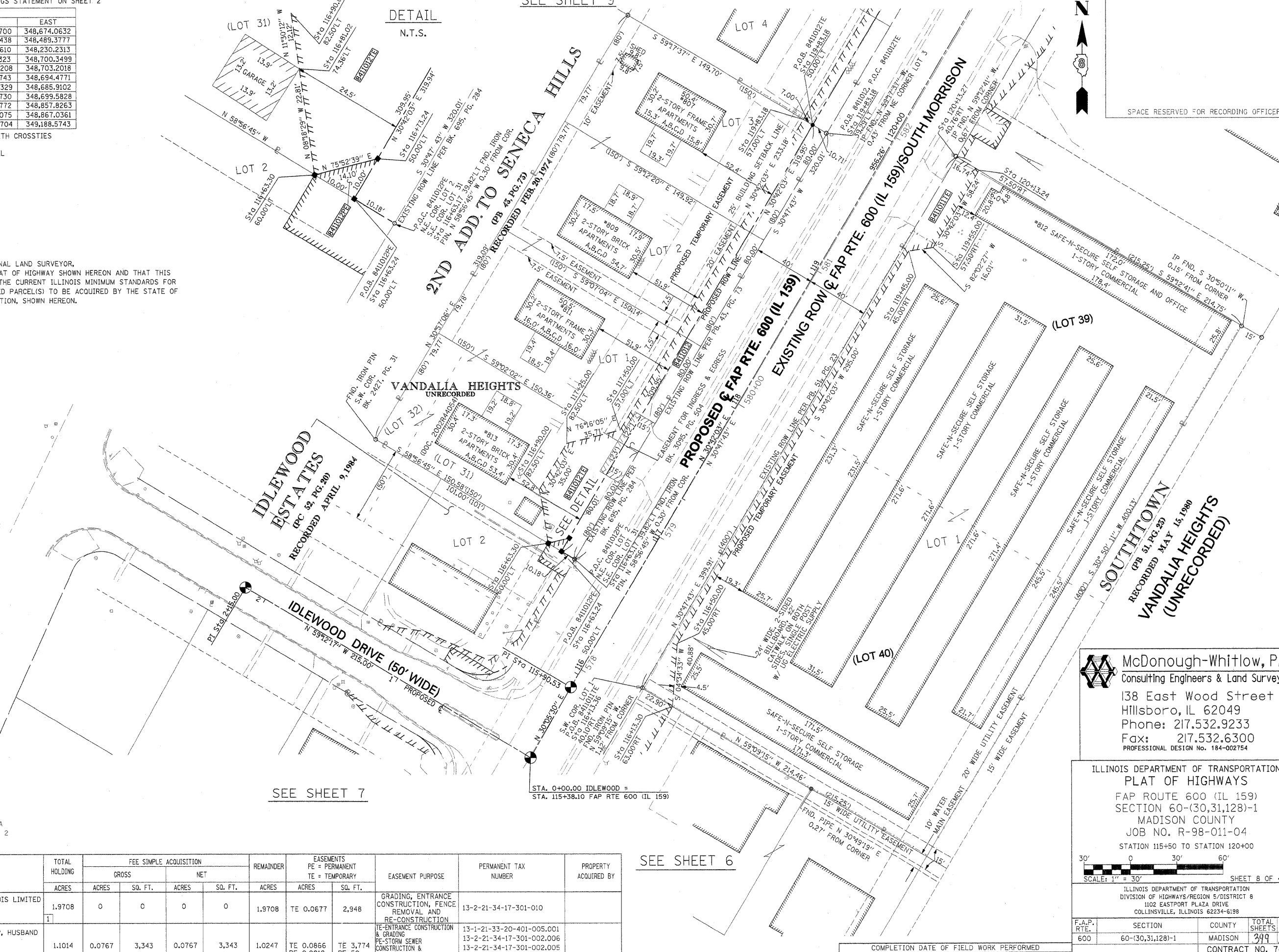
DATED October 5, 2009  
Tony Hard  
 TONY HARD, PLS NO. 2953



(License Expires: 11/30/10)

SEE SHEET 9

DETAIL  
 N.T.S.



SPACE RESERVED FOR RECORDING OFFICER

\* SEE TOTAL HOLDING AREA SOURCE TABLE ON SHEET 2

PARCEL NO.	OWNER	TOTAL HOLDING ACRES	FEE SIMPLE ACQUISITION		REMAINDER ACRES	EASEMENTS		EASEMENT PURPOSE	PERMANENT TAX NUMBER	PROPERTY ACQUIRED BY
			GROSS ACRES	NET ACRES		PERMANENT ACRES	TEMPORARY ACRES			
8411011	RETKO GROUP, LLC., AN ILLINOIS LIMITED LIABILITY COMPANY TITLE REPORT NO. MA-3417.0	1.9708	0	0	1.9708	TE 0.0677	2,948	GRADING, ENTRANCE CONSTRUCTION, FENCE REMOVAL AND RE-CONSTRUCTION	13-2-21-34-17-301-010	
8411012	JURI JUSSYP & NANCY JUSSYP, HUSBAND AND WIFE, AS JOINT TENANTS TITLE REPORT NO. MA-3422.0, MA-2423.0, MA-3424.0, MA-3425.0	1.1014	0.0767	3,343	1.0247	TE 0.0866 PE 0.0012	TE 3,774 PE 50	TE-ENTRANCE CONSTRUCTION & GRADING PE-STORM SEWER CONSTRUCTION & MAINTENANCE AND GRADING	13-1-21-33-20-401-005.001 13-2-21-34-17-301-002.006 13-2-21-34-17-301-002.005 13-2-21-34-17-301-002.004	

**McDonough-Whitlow, P.C.**  
 Consulting Engineers & Land Surveyors  
 138 East Wood Street  
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 Fax: 217.532.6300  
 PROFESSIONAL DESIGN NO. 184-002754

ILLINOIS DEPARTMENT OF TRANSPORTATION  
**PLAT OF HIGHWAYS**  
 FAP ROUTE 600 (IL 159)  
 SECTION 60-(30,31,128)-1  
 MADISON COUNTY  
 JOB NO. R-98-011-04  
 STATION 115+50 TO STATION 120+00

SCALE: 1" = 30'

SHEET 8 OF 46

ILLINOIS DEPARTMENT OF TRANSPORTATION  
 DIVISION OF HIGHWAYS/REGION 5/DISTRICT 8  
 1102 EASTPORT PLAZA DRIVE  
 COLLINSVILLE, ILLINOIS 62234-6198

F.A.P. RTE. 600	SECTION 60-(30,31,128)-1	COUNTY MADISON	TOTAL SHEETS NO. 399	SHEET NO. 189
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COMPLETION DATE OF FIELD WORK PERFORMED  
 LAND SURVEY: 10-11-05 ROW STAKING: 09-17-09  
 CONTRACT NO. 76830

SEE SHEET 6

SEE SHEET 7

PART OF U.S. SURVEY 393 CLAIM 609 T3N, R8W, OF THE 3RD PM, MADISON COUNTY, ILLINOIS

SEE BASIS OF COORDINATES AND BEARINGS STATEMENT ON SHEET 2

COORDINATE TABLE			
STATION	OFFSET	NORTH	EAST
119+83.18	39.29' LT	726,152.8075	348,867.0361
119+83.18	50.00' LT	726,158.2772	348,857.8263
120+63.29	50.00' LT	726,227.1566	348,898.7252
120+63.30	39.16' LT	726,221.6299	348,908.0548
120+30.00	40.79' RT	726,152.1825	348,959.7949
120+30.00	60.00' RT	726,142.3742	348,976.3135
120+50.00	60.00' RT	726,159.5711	348,986.5246
120+50.00	40.82' RT	726,169.3626	348,970.0344
121+43.25	50.00' LT	726,295.9097	348,939.5490
121+43.26	39.02' LT	726,290.3159	348,948.9921
121+43.25	45.50' LT	726,293.6162	348,943.4207
121+43.24	52.50' LT	726,297.1839	348,937.3981
122+23.32	52.50' LT	726,366.0373	348,978.2810
122+23.31	45.50' LT	726,362.4533	348,984.2944
122+23.30	38.89' LT	726,359.0704	348,989.9703
115+90.53	PI	725,795.1323	348,700.3499
125+46.79	PC	726,617.3704	349,188.5743

CURVE 8411019  
L = 77.70'  
R = 1,105.00'  
C = 77.69'  
CB = N 65° 37' 34" E

SEE SHEET 46 FOR CONTROL POINTS WITH CROSSIES  
(a) - SET DRILL HOLE WITH MAG NAIL  
(b) - SET MAG NAIL OR LANDSCAPE NAIL

STATE OF ILLINOIS )  
COUNTY OF MONTGOMERY ) SS

I, TONY HARD, AN ILLINOIS PROFESSIONAL LAND SURVEYOR, STATE THAT I HAVE SURVEYED THE PLAT OF HIGHWAY SHOWN HEREON AND THAT THIS PROFESSIONAL SERVICE CONFORMS TO THE CURRENT ILLINOIS MINIMUM STANDARDS FOR A BOUNDARY SURVEY FOR THE PROPOSED PARCEL(S) TO BE ACQUIRED BY THE STATE OF ILLINOIS, DEPARTMENT OF TRANSPORTATION, SHOWN HEREON.

DATED October 5, 2009  
Tony Hard  
TONY HARD, PLS NO. 2953



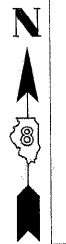
(License Expires: 11/30/10)

\* SEE TOTAL HOLDING AREA SOURCE TABLE ON SHEET 2

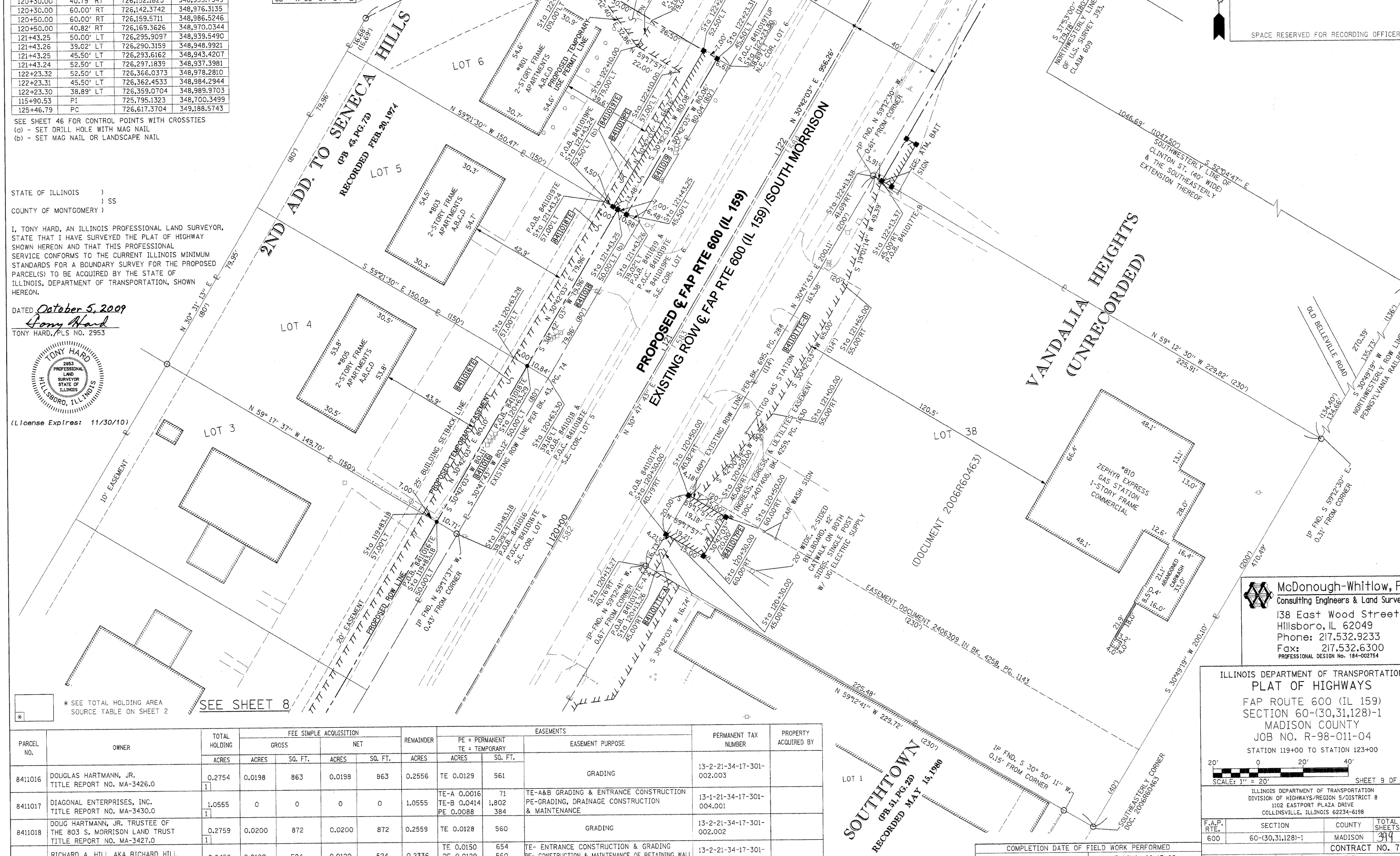
PARCEL NO.	OWNER	TOTAL HOLDING ACRES	FEE SIMPLE ACQUISITION			REMAINDER ACRES	EASEMENTS		PERMANENT TAX NUMBER	PROPERTY ACQUIRED BY	
			GROSS ACRES	SQ. FT.	NET ACRES		SQ. FT.	PE = PERMANENT ACRES			TE = TEMPORARY ACRES
8411016	DOUGLAS HARTMANN, JR. TITLE REPORT NO. MA-3426.0	0.2754	0.0198	863	0.0198	863	0.2556	TE 0.0129	561	GRADING	13-2-21-34-17-301-002.003
8411017	DIAGONAL ENTERPRISES, INC. TITLE REPORT NO. MA-3430.0	1.0555	0	0	0	0	1.0555	TE-A 0.0016 TE-B 0.0414 PE 0.0088	71 1,802 384	TE-A&B GRADING & ENTRANCE CONSTRUCTION PE-GRADING, DRAINAGE CONSTRUCTION & MAINTENANCE	13-1-21-34-17-301-004.001
8411018	DOUG HARTMANN, JR. TRUSTEE OF THE 803 S. MORRISON LAND TRUST TITLE REPORT NO. MA-3427.0	0.2759	0.0200	872	0.0200	872	0.2559	TE 0.0128	560	GRADING	13-2-21-34-17-301-002.002
8411019	RICHARD A. HILL AKA RICHARD HILL TITLE REPORT NO. MA-3428.0	0.2456	0.0120	524	0.0120	524	0.2336	TE 0.0150 PE 0.0129 TUP 0.0046	654 560 200	TE- ENTRANCE CONSTRUCTION & GRADING PE- CONSTRUCTION & MAINTENANCE OF RETAINING WALL TUP- GRADING	13-2-21-34-17-301-002.001

SEE SHEET 10

P.O.C. 8411017E-A, 8411017E-B, & 8411017PE MOST NORTHERLY CORNER OF U.S. SURVEY 393, CLAIM 609



SPACE RESERVED FOR RECORDING OFFICER



**McDonough-Whitlow, P.C.**  
Consulting Engineers & Land Surveyors  
138 East Wood Street  
Hillsboro, IL 62049  
Phone: 217.532.9233  
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PROFESSIONAL DESIGN NO. 184-002754

ILLINOIS DEPARTMENT OF TRANSPORTATION  
**PLAT OF HIGHWAYS**  
FAP ROUTE 600 (IL 159)  
SECTION 60-(30,31,28)-1  
MADISON COUNTY  
JOB NO. R-98-011-04  
STATION 119+00 TO STATION 123+00

SCALE: 1" = 20'

ILLINOIS DEPARTMENT OF TRANSPORTATION  
DIVISION OF HIGHWAYS/REGION 5/DISTRICT 8  
1102 EASTPORT PLAZA DRIVE  
COLLINSVILLE, ILLINOIS 62234-6198

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
600	60-(30,31,28)-1	MADISON	399	190

COMPLETION DATE OF FIELD WORK PERFORMED  
LAND SURVEY: 10-11-05 ROW STAKING: 09-17-09

CONTRACT NO. 76830  
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT

**SOUTH TOWN**  
(PB. 51, PG. 20)  
RECORDED MAY 15, 1980

DOCUMENT 2006R60463

COMPLETION DATE OF FIELD WORK PERFORMED  
LAND SURVEY: 10-11-05 ROW STAKING: 09-17-09

**PART OF U.S. SURVEY 309, CLAIM 609, T3N, R8W, OF THE 3RD PM, MADISON COUNTY, ILLINOIS**

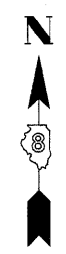
SEE BASIS OF COORDINATES AND BEARINGS STATEMENT ON SHEET 2

SEE SHEET 11

COORDINATE TABLE				
STATION	OFFSET	NORTH	EAST	
124+49.97	123.47' RT	726,471.0819	349,245.3025	
125+06.68	41.57' RT	726,561.6530	349,203.8422	
124+08.76	45.00' RT	726,475.7049	349,156.7919	
122+13.37	45.00' RT	726,307.7039	349,057.0371	
122+13.38	41.09' RT	726,309.7049	349,053.6793	
122+23.30	38.89' LT	726,359.0704	348,989.9703	
124+46.74	38.52' LT	726,551.0059	349,104.3652	
3+11.89	18.22' LT	726,413.4316	348,898.7614	
2+99.41	18.83' LT	726,418.1213	348,910.3482	
2+76.44	20.05' LT	726,426.6511	348,931.7080	
1+24.90	21.23' LT	726,523.6544	349,058.6286	
0+78.14	24.88' LT	726,562.9120	349,089.0580	
0+87.66	PC	726,567.4302	349,062.8079	
2+68.26	PT	726,448.2776	348,930.7208	
3+50.63	POT	726,413.7189	348,855.9512	
10+37.69	PC	726,566.3769	349,201.6566	
11+35.57	PT	726,491.7634	349,264.0831	
12+62.76	POT	726,380.4380	349,325.5920	
115+90.53	PI	725,795.1323	348,700.3499	
125+46.79	PC	726,617.3704	349,188.5743	
1+80.79	PI	726,487.3514	349,015.2592	
10+87.24	PI	726,535.1356	349,240.1194	
122+13.36	50.00' RT	726,305.1444	349,061.3323	
122+35.00	45.00' RT	726,326.3008	349,068.0795	
122+35.00	50.00' RT	726,323.7481	349,072.3787	

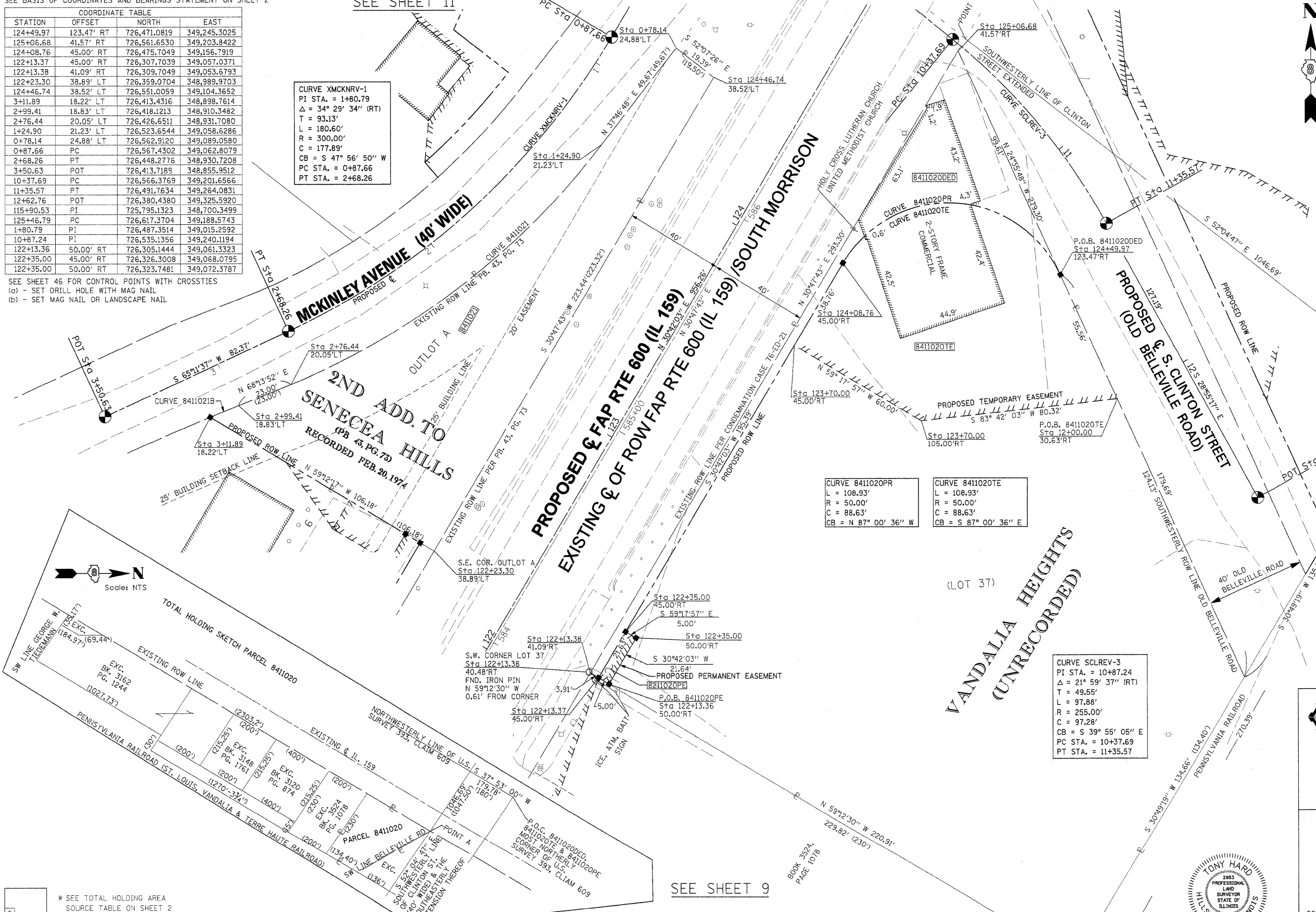
**CURVE XMCKNRV-1**  
 PI STA. = 1+80.79  
 Δ = 34° 29' 34" (RT)  
 T = 93.13'  
 L = 180.60'  
 R = 300.00'  
 C = 177.89'  
 CB = S 47° 56' 50" W  
 PC STA. = 0+87.66  
 PT STA. = 2+68.26

SEE SHEET 46 FOR CONTROL POINTS WITH CROSSIES  
 (a) - SET DRILL HOLE WITH MAG NAIL  
 (b) - SET MAG NAIL OR LANDSCAPE NAIL



SPACE RESERVED FOR RECORDING OFFICER

<b>CURVE 8411021</b> L = 161.57' (161.24') R = 309.50' (309.50') C = 159.75' CB = N 52° 36' 36" E	<b>CURVE 8411021B</b> L = 12.50' R = 1105.00' (1105.00') C = 12.50' (12.52') C.B. = N 67° 57' 52" E
---	---



STATE OF ILLINOIS )  
 COUNTY OF MONTGOMERY ) SS

I, TONY HARD, AN ILLINOIS PROFESSIONAL LAND SURVEYOR, STATE THAT I HAVE SURVEYED THE PLAT OF HIGHWAY SHOWN HEREON AND THAT THIS PROFESSIONAL SERVICE CONFORMS TO THE CURRENT ILLINOIS MINIMUM STANDARDS FOR A BOUNDARY SURVEY FOR THE PROPOSED PARCEL(S) TO BE ACQUIRED BY THE STATE OF ILLINOIS, DEPARTMENT OF TRANSPORTATION, SHOWN HEREON.

DATED October 5, 2009  
Tony Hard  
 TONY HARD, PLS NO. 2953

**McDonough-Whitlow, P.C.**  
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 PROFESSIONAL DESIGN NO. 184-002754

ILLINOIS DEPARTMENT OF TRANSPORTATION  
**PLAT OF HIGHWAYS**  
 FAP ROUTE 600 (IL 159)  
 SECTION 60-(30,31,128)-1  
 MADISON COUNTY  
 JOB NO. R-98-011-04  
 STATION 122+00 TO STATION 125+25

SCALE: 1" = 20'  
 SHEET 10 OF 46

ILLINOIS DEPARTMENT OF TRANSPORTATION  
 DIVISION OF HIGHWAYS/REGION 5/DISTRICT 8  
 1102 EASTPORT PLAZA DRIVE  
 COLLINGSVILLE, ILLINOIS 62234-6198

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
600	60-(30,31,128)-1	MADISON	399	191

COMPLETION DATE OF FIELD WORK PERFORMED  
 LAND SURVEY: 10-11-05      ROW STAKING: 09-17-09

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

\* SEE TOTAL HOLDING AREA SOURCE TABLE ON SHEET 2

PARCEL NO.	OWNER	TOTAL HOLDING ACRES	DEDICATION REQUIRED ACRES/SQ.FT.	REMAINDER ACRES	FEE SIMPLE ACQUISITION				REMAINDER ACRES	EASEMENTS		PERMANENT TAX NUMBER	PROPERTY ACQUIRED BY
					GROSS ACRES	SQ. FT.	NET ACRES	SQ. FT.		PE = PERMANENT ACRES	TE = TEMPORARY SQ. FT.		
8411020	BEULAH A. McMILLIN & MARIE V. STEIN, AS TENANTS IN COMMON TITLE REPORT NO. MA-3546.0	1.1291	0.0717 AC 3,123 SQ.FT.	1.1291	0	0	0	0	1.1291	TE 0.1776 PE 0.0025	7,736 108	13-1-21-34-17-301-004	TE-BUILDING REMOVAL & GRADING PE-GRADING, DRAINAGE CONSTRUCTION & MAINTENANCE
8411021	WILLIAM A. LONG TITLE REPORT NO. MA-3429.0	0.2479	0	0	0.2479	10,800	0.2479	10,800	0	0	0	13-2-21-34-17-301-002	

**PART OF U.S. SURVEY 393, CLAIM 609 AND PART OF THE SW 14 OF SECTION 34, T3N, R8W, OF THE 3RD PM, MADISON COUNTY, ILLINOIS**

SEE BASIS OF COORDINATES AND BEARINGS STATEMENT ON SHEET 2

COORDINATE TABLE			
STATION	OFFSET	NORTH	EAST
0+16.21	7.74' RT	726,632.8213	349,092.6370
0+87.66	P.C.	726,567.4302	349,062.8079
1+80.00	18.81' RT	726,510.5336	348,991.7742
1+80.00	26.81' RT	726,516.5102	348,986.4561
1+25.00	55.00' RT	726,570.3256	348,998.3579
1+25.00	26.77' RT	726,553.0118	349,020.6529
2+68.26	P.T.	726,448.2776	348,930.7208
7+12.27	P.O.T.	726,783.3420	348,960.4510
7+25.00	37.35' RT	726,746.2106	348,947.0879
7+27.42	P.C.	726,773.8884	348,972.2882
7+75.00	74.62' RT	726,692.2512	348,949.9136
7+61.16	P.I.	726,752.8342	348,998.6507
7+94.51	P.R.C.	726,725.6487	349,018.6307
8+00.00	89.16' RT	726,666.9173	348,951.2403
8+15.00	84.58' RT	726,654.2430	348,967.5093
8+15.03	23.41' RT	726,694.2777	349,013.7502
8+23.91	82.46' RT	726,646.8554	348,976.9922
8+27.17	P.I.	726,699.3256	349,037.9770
8+59.49	P.T.	726,678.7294	349,063.3340
8+65.00	78.11' RT	726,614.6232	349,018.3663
9+16.47	P.O.T	726,642.8043	349,107.5632
10+00.00	C	726,590.1374	349,172.4040
115+90.53	P.I.	725,795.1323	348,700.3499
125+46.79	P.C.	726,617.3704	349,188.5743
1+25.02	18.77' RT	726,548.0903	349,026.9602

SEE SHEET 46 FOR CONTROL POINTS WITH CROSSTIES  
 (a) - SET DRILL HOLE WITH MAG NAIL  
 (b) - SET MAG NAIL OR LANDSCAPE NAIL

CURVE TABLE										
CURVE	PI STA.	Δ	TANGENT	LENGTH	RADIUS	CHORD	CHORD BEARING	PC STA.	PT STA.	
8411022				94.81'	269.50'	94.33'	S 47°43'59" W			
8411022A				51.54'	269.50'	51.46'	S 43°08'00" W			
8411022PR				50.09'	261.50'	50.02'	N 43°07'58" E			
8411023				94.77'	269.50'	94.28'	S 47°44'16" W			
SCLREV-1	7+61.16	15°04'25" (RT)	33.74'	67.09'	255.00'	66.89'	S 43°51'03" E	7+27.42	7+94.51	
SCLREV-2	8+27.17	14°36'02" (LT)	32.67'	64.98'	255.00'	64.81'	S 43°36'52" E	7+94.51	8+59.49	
XMCKNRV-1	1+80.79	34°29'34" (RT)	93.13'	180.60'	300.00'	177.89'	S 47°56'50" W	0+87.66	2+68.26	
159ULT-3	130+35.23	39°46'51" (LT)	488.44'	937.31'	1,350.00'	918.60'	N 10°48'37" E	125+46.79	134+84.11	

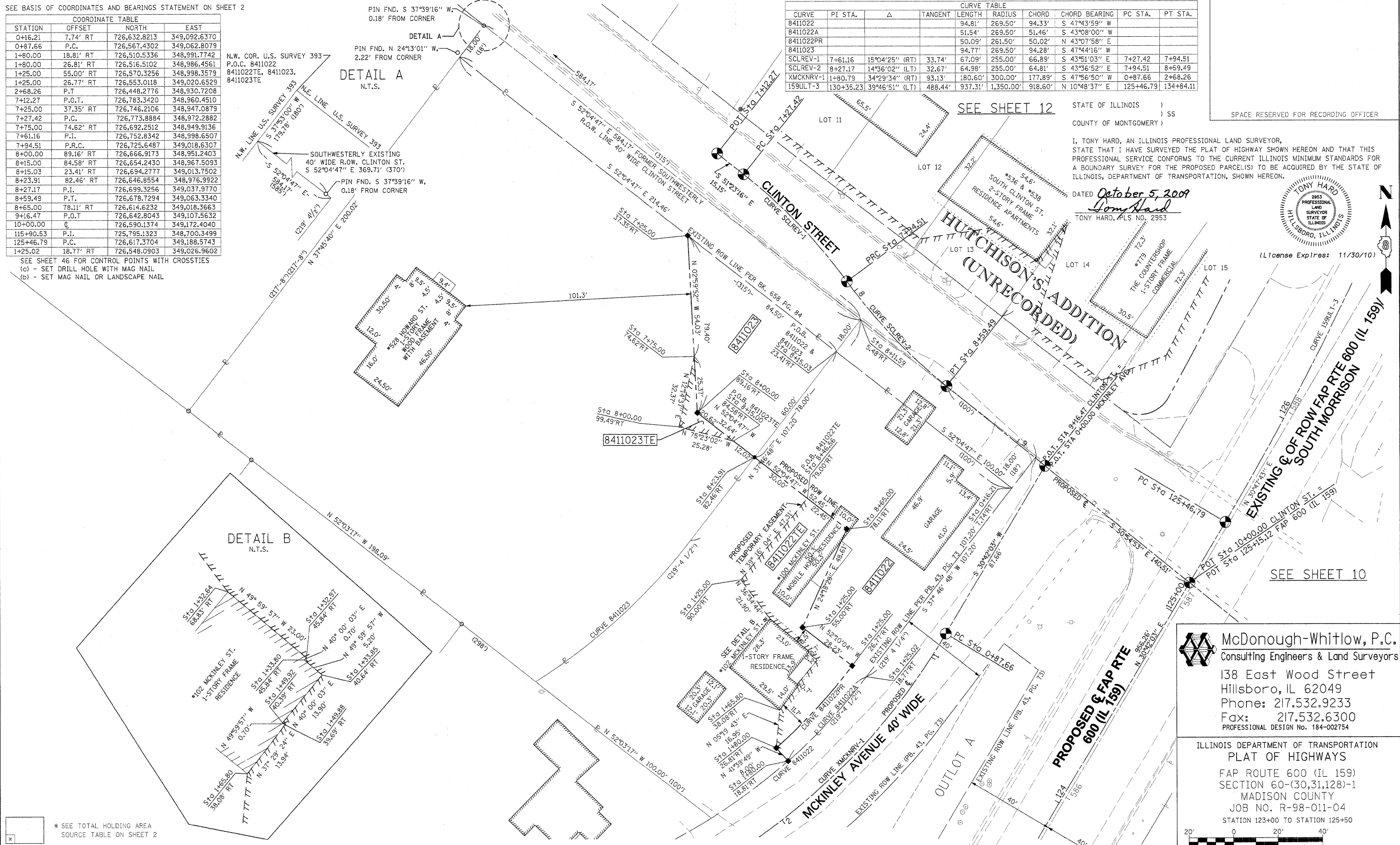
STATE OF ILLINOIS )  
 ) SS  
 COUNTY OF MONTGOMERY )  
 SPACE RESERVED FOR RECORDING OFFICER

I, TONY HARD, AN ILLINOIS PROFESSIONAL LAND SURVEYOR, STATE THAT I HAVE SURVEYED THE PLAT OF HIGHWAY SHOWN HEREON AND THAT THIS PROFESSIONAL SERVICE CONFORMS TO THE CURRENT ILLINOIS MINIMUM STANDARDS FOR A BOUNDARY SURVEY FOR THE PROPOSED PARCEL(S) TO BE ACQUIRED BY THE STATE OF ILLINOIS, DEPARTMENT OF TRANSPORTATION, SHOWN HEREON.

DATED October 5, 2009  
*Tony Hard*  
 TONY HARD, PLS NO. 2953



(License Expires: 11/30/10)



**McDonough-Whitlow, P.C.**  
 Consulting Engineers & Land Surveyors  
 138 East Wood Street  
 Hillsboro, IL 62049  
 Phone: 217.532.9233  
 Fax: 217.532.6300  
 PROFESSIONAL DESIGN No. 184-002754

ILLINOIS DEPARTMENT OF TRANSPORTATION  
 PLAT OF HIGHWAYS  
 FAP ROUTE 600 (IL 159)  
 SECTION 60-(30,31,128)-1  
 MADISON COUNTY  
 JOB NO. R-98-011-04  
 STATION 123+00 TO STATION 125+50

SCALE: 1" = 20'  
 SHEET 11 OF 46

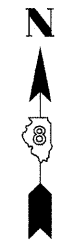
ILLINOIS DEPARTMENT OF TRANSPORTATION  
 DIVISION OF HIGHWAYS/REGION 5/DISTRICT 8  
 1102 EASTPORT PLAZA DRIVE  
 COLLINSVILLE, ILLINOIS 62234-6198

PARCEL NO.	OWNER	TOTAL HOLDING ACRES	GROSS		FEE SIMPLE ACQUISITION PREVIOUSLY DEDICATED AND/OR USED		NET		REMAINDER ACRES	EASEMENTS		PERMANENT TAX NUMBER	PROPERTY ACQUIRED BY
			ACRES	SQ. FT.	ACRES	SQ. FT.	ACRES	SQ. FT.		PE = PERMANENT	TE = TEMPORARY		
8411022	KENNETH M. BEHRMAN & KIMBERLY ANN BEHRMAN, AS JOINT TENANTS TITLE REPORT NO. MA-4218.0	0.4594	0.1925	8385			0.1925	8385	0.2669	TE 0.0495	2158	13-1-21-34-13-301-038	BUILDING REMOVAL & GRADING
8411023	BRADLEY R. GREER & PAMELA GREER, AS JOINT TENANTS TITLE REPORT NO. MA-4129.0	0.9735	0.0807	3514			0.0807	3514	0.8928	TE 0.0048	211	13-1-21-34-13-301-037	GRADING

PART OF U.S. SURVEY 393, CLAIM 609 AND PART OF THE SW 14 OF SECTION 34, T3N, R8W, OF THE 3RD PM, MADISON COUNTY, ILLINOIS

SEE SHEET 13

CURVE TABLE									
CURVE	PI STA.	Δ	TANGENT	LENGTH	RADIUS	CHORD	CHORD BEARING	PC STA.	PT STA.
8411024A			28.96' (25.28')	1,045.20'	28.96'	28.96'	S 30°00'05" W		
8411024PR			24.17'	25.00'	23.24'	23.24'	S 03°05'57" W		
8411024TE-B			65.16'	1,045.20'	65.15'	65.15'	N 12°34'49" E		
8411024TE-B1			270.74'	1,045.20'	269.98'	269.98'	N 21°47'13" E		
SCLREV-1	7+61.16	15°04'25" (RT)	33.74'	67.09'	255.00'	66.89'	S 43°51'03" E	7+27.42	7+94.51
SCLREV-2	8+27.17	14°36'02" (LT)	32.67'	64.98'	255.00'	64.81'	S 43°36'52" E	7+94.51	8+59.49
SCLREV-3	10+87.24	21°59'37" (RT)	49.55'	97.88'	255.00'	97.28'	S 39°55'05" E	10+37.69	11+35.57
159ULT-3	130+35.23	39°46'51" (LT)	488.44'	937.31'	1,350.00'	918.60'	N 10°48'37" E	125+46.79	134+84.11
C2	592+27.61	39°51'56" (LT) (39°52')	364.53'	699.40' (699.4')	1,005.20' (1,005.2')	685.38'	N 10°51'45" E	588+63.08 (588+63.1)	595+62.48

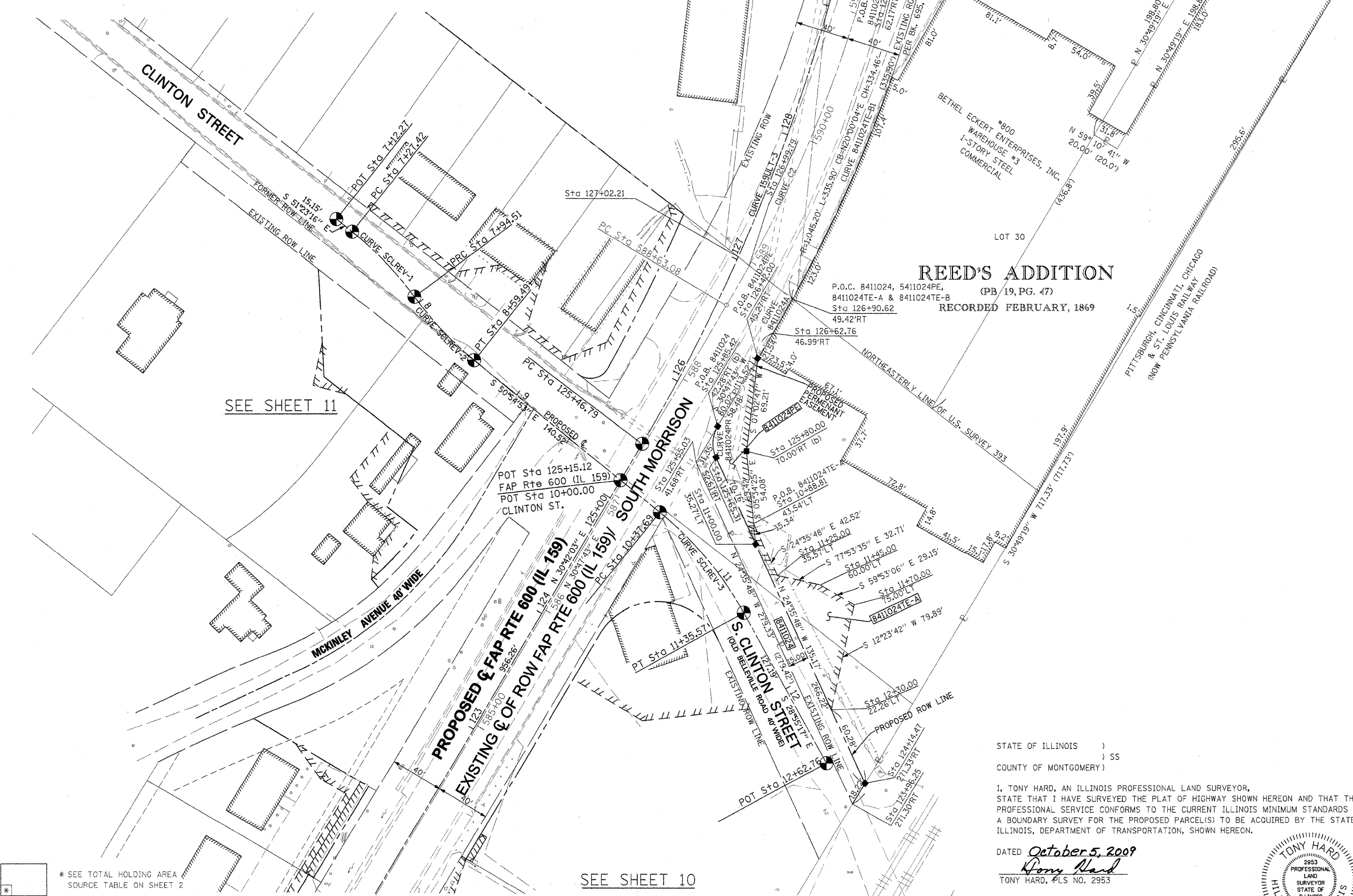


SPACE RESERVED FOR RECORDING OFFICER

SEE BASIS OF COORDINATES AND BEARINGS STATEMENT ON SHEET 2

COORDINATE TABLE			
STATION	OFFSET	NORTH	EAST
123+96.25	271.30' RT	726,349.4177	349,344.9880
125+59.03	41.68' RT	726,603.4000	349,228.7237
124+14.47	271.33' RT	726,365.0634	349,354.3229
125+85.42	42.28' RT	726,630.3278	349,244.7728
125+65.31	52.61' RT	726,607.1228	349,243.5164
115+90.53	PI	725,795.1323	348,700.3499
125+46.79	PC	726,617.3704	349,188.5743
11+00.00	35.27' LT	726,542.7865	349,272.9673
126+42.00	45.27' RT	726,680.5652	349,274.7147
10+37.69	PC	726,566.3769	349,201.6566
11+35.57	PT	726,491.7634	349,264.0831
12+62.76	POT	726,380.4380	349,325.5920
10+00.00	POT	726,590.1374	349,172.4040
125+80.00	70.00' RT	726,611.8804	349,266.2249
127+02.21	⊕	726,755.2715	349,260.0638
130+12.28	62.53' RT	727,038.4283	349,414.6178

SEE SHEET 46 FOR CONTROL POINTS WITH CROSSIES  
 (a) - SET DRILL HOLE WITH MAG NAIL  
 (b) - SET MAG NAIL OR LANDSCAPE NAIL



**REED'S ADDITION**  
 P.O.C. 8411024, 5411024PE, 8411024TE-A & 8411024TE-B (PB 19, PG. 47)  
 Sta 126+90.62  
 49.42' RT  
 46.99' RT

STATE OF ILLINOIS )  
 ) SS  
 COUNTY OF MONTGOMERY )

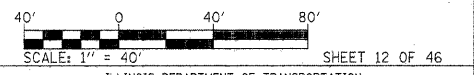
I, TONY HARD, AN ILLINOIS PROFESSIONAL LAND SURVEYOR, STATE THAT I HAVE SURVEYED THE PLAT OF HIGHWAY SHOWN HEREON AND THAT THIS PROFESSIONAL SERVICE CONFORMS TO THE CURRENT ILLINOIS MINIMUM STANDARDS FOR A BOUNDARY SURVEY FOR THE PROPOSED PARCEL(S) TO BE ACQUIRED BY THE STATE OF ILLINOIS, DEPARTMENT OF TRANSPORTATION, SHOWN HEREON.

DATED October 5, 2009  
*Tony Hard*  
 TONY HARD, PLS NO. 2953



**McDonough-Whitlow, P.C.**  
 Consulting Engineers & Land Surveyors  
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 Fax: 217.532.6300  
 PROFESSIONAL DESIGN NO. 184-002754

ILLINOIS DEPARTMENT OF TRANSPORTATION  
**PLAT OF HIGHWAYS**  
 FAP ROUTE 600 (IL 159)  
 SECTION 60-(30,31,128)-1  
 MADISON COUNTY  
 JOB NO. R-98-011-04  
 STATION 123+75 TO STATION 130+25



F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
600	60-(30,31,128)-1	MADISON	399	193

COMPLETION DATE OF FIELD WORK PERFORMED  
 LAND SURVEY: 10-11-05    ROW STAKING: 09-17-09  
 CONTRACT NO. 76830  
 FED. ROAD DIST. NO.    ILLINOIS FED. AID PROJECT

PARCEL NO.	OWNER	TOTAL HOLDING ACRES	GROSS		NET		REMAINDER ACRES	EASEMENTS		PERMANENT TAX NUMBER	PROPERTY ACQUIRED BY
			ACRES	SQ. FT.	ACRES	SQ. FT.		ACRES	SQ. FT.		
8411024	JAMES ECKERT, AS TO AN UNDIVIDED 1/2 INTEREST; AND LARRY ECKERT, TRUSTEE OF THE DEBORAH ECKERT REVOCABLE TRUST DATED MAY 15, 2001, AS TO AN UNDIVIDED 1/2 INTEREST TITLE REPORT NO. MA-3431.0	3.3800	0.0968	4,216	0.0968	4,216	3.2832	PE 0.0441 TE-A 0.0690 TE-B 0.0098	1,921 3,007 426	13-2-21-34-13-302-001	

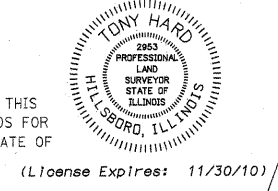
PART OF THE SW 14 OF SECTION 34, T3N, R8W, OF THE 3RD PM, MADISON COUNTY, ILLINOIS

SEE BASIS OF COORDINATES AND BEARINGS STATEMENT ON SHEET 2

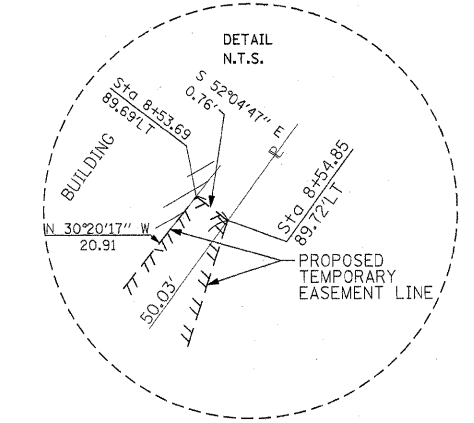
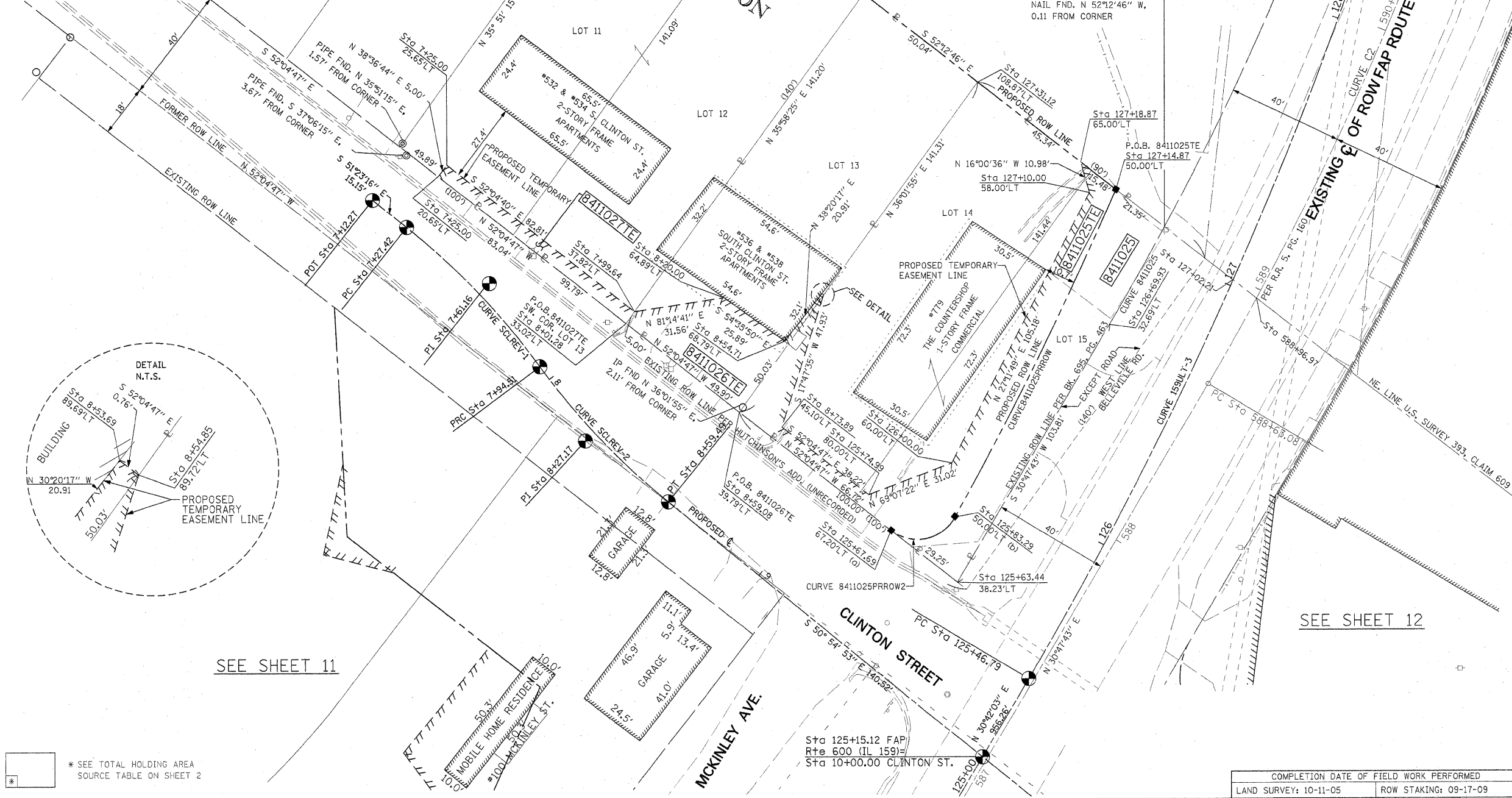
COORDINATE TABLE			
STATION	OFFSET	NORTH	EAST
127+4.87	50.00' LT	726,786.8446	349,219.3511
127+09.51	29.30' LT	726,773.7643	349,236.2219
126+69.93	32.69' LT	726,740.0238	349,217.0211
125+67.69	67.20' LT	726,668.8273	349,140.7948
125+83.29	50.00' LT	726,673.3534	349,163.1132
125+46.79	PC	726,617.3704	349,188.5743
134+84.11	PT	727,519.6675	349,360.8661
7+12.27	POT	726,783.3420	348,960.4510
7+27.42	PC	726,773.8884	348,972.2882
7+94.51	PRC	726,725.6487	349,018.6307
8+59.49	PT	726,678.7294	349,063.3340
10+00.00	PI	726,590.1374	349,172.4040
125+63.44	38.23' LT	726,650.8489	349,163.8723
130+35.23	PI	727,037.3509	349,437.9482
7+61.16	PI	726,752.8342	348,998.6507
8+27.17	PI	726,699.3256	349,037.9770

SEE SHEET 46 FOR CONTROL POINTS WITH CROSSIES  
 (a) - SET DRILL HOLE WITH MAG NAIL  
 (b) - SET MAG NAIL OR LANDSCAPE NAIL

STATE OF ILLINOIS ) SS  
 COUNTY OF MONTGOMERY )  
 I, TONY HARD, AN ILLINOIS PROFESSIONAL LAND SURVEYOR,  
 STATE THAT I HAVE SURVEYED THE PLAT OF HIGHWAY SHOWN HEREON AND THAT THIS  
 PROFESSIONAL SERVICE CONFORMS TO THE CURRENT ILLINOIS MINIMUM STANDARDS FOR  
 A BOUNDARY SURVEY FOR THE PROPOSED PARCEL(S) TO BE ACQUIRED BY THE STATE OF  
 ILLINOIS, DEPARTMENT OF TRANSPORTATION, SHOWN HEREON.  
 DATED October 5, 2009  
*Denny Hard*  
 TONY HARD, PLS NO. 2953



SPACE RESERVED FOR RECORDING OFFICER



<b>CURVE 8411025</b> L = 38.82' R = 965.20' C = 38.82' CB = S 29° 38' 34" W	<b>CURVE C2</b> PI STA. = 592+27.61 Δ = 39° 51' 56" (LT) T = 364.53' L = 699.40' R = 1,005.20' C = 685.38' CB = N 10° 51' 45" E PC STA. = 588+63.08 PT STA. = 595+62.48
<b>CURVE SCLREV-1</b> PI STA. 7+61.16 Δ = 15° 04' 25" (RT) T = 33.74' L = 67.09' R = 255.00' C = 66.89' CB = S 43° 51' 03" E PC STA. = 7+27.42 PT STA. = 7+94.51	<b>CURVE 159ULT-3</b> PI STA. 130+35.23 Δ = 39° 46' 51" (LT) T = 488.44' L = 937.31' R = 1,350.00' C = 918.60' CB = N 10° 48' 37" E PC STA. = 125+46.79 PT STA. = 134+84.11
<b>CURVE SCLREV-2</b> PI STA. 8+27.17 Δ = 14° 36' 02" (LT) T = 32.67' L = 64.98' R = 255.00' C = 64.81' CB = S 43° 36' 52" E PC STA. = 7+94.51 PT STA. = 8+59.49	<b>CURVE 8411025PRROW</b> L = 126.71' R = 1,300.00' C = 126.66' CB = S 26° 21' 35" W
<b>CURVE 8411025PRROW2</b> L = 25.86' R = 15.00' C = 22.77' CB = S 78° 32' 10" W	

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 PROFESSIONAL DESIGN NO. 184-002754

ILLINOIS DEPARTMENT OF TRANSPORTATION  
 PLAT OF HIGHWAYS  
 FAP ROUTE 600 (IL 159)  
 SECTION 60-(30,31,128)-1  
 MADISON COUNTY  
 JOB NO. R-98-011-04  
 STATION 125+50 TO STATION 127+25

COMPLETION DATE OF FIELD WORK PERFORMED			
LAND SURVEY: 10-11-05	ROW STAKING: 09-17-09		
EASEMENTS		PERMANENT TAX NUMBER	PROPERTY ACQUIRED BY
PE = PERMANENT	TE = TEMPORARY		
ACRES	SQ. FT.		
8411025	0.0535	2,329	13-2-21-34-13-301-025
8411026	0.0271	1,179	13-2-21-34-13-301-026
8411027	0.0095	415	13-2-21-34-13-301-028
		13-2-21-34-13-301-027	

PARCEL NO.	OWNER	TOTAL HOLDING ACRES	FEE SIMPLE ACQUISITION				REMAINDER ACRES	EASEMENTS		PERMANENT TAX NUMBER	PROPERTY ACQUIRED BY	
			GROSS ACRES	SQ. FT.	PREVIOUSLY DEDICATED AND/OR USED ACRES	NET ACRES		PE = PERMANENT ACRES	TE = TEMPORARY ACRES			
8411025	GARY E. FAULK & DORIS A. FAULK, HIS WIFE, AS JOINT TENANTS TITLE REPORT NO. MA-3439.0	0.2901	0.0521	2,271	0	0	0.0521	2,271	0.2380	TE 0.0535	2,329	13-2-21-34-13-301-025
8411026	ROBERT P. BOHNENSTIEHL AS TRUSTEE OF THE ROBERT P. BOHNENSTIEHL AND MARGARET M. BOHNENSTIEHL JOINT TENANCY TRUST CREATED ON JUNE 11, 2008, AS TO AN UNDIVIDED 1/2 INTEREST; AND MARGARET M. BOHNENSTIEHL, AS TRUSTEE OF THE ROBERT P. BOHNENSTIEHL AND MARGARET M. BOHNENSTIEHL JOINT TENANCY TRUST CREATED JUNE 11, 2008, AS TO AN UNDIVIDED 1/2 INTEREST TITLE REPORT NO. MA-4125.0	0.1620	-	-	-	-	-	0.1620	TE 0.0271	1,179		13-2-21-34-13-301-026
8411027	ROBERT P. BOHNENSTIEHL AS TRUSTEE OF THE ROBERT P. BOHNENSTIEHL AND MARGARET M. BOHNENSTIEHL JOINT TENANCY TRUST CREATED ON JUNE 11, 2008, AS TO AN UNDIVIDED 1/2 INTEREST; AND MARGARET M. BOHNENSTIEHL, AS TRUSTEE OF THE ROBERT P. BOHNENSTIEHL AND MARGARET M. BOHNENSTIEHL JOINT TENANCY TRUST CREATED JUNE 11, 2008, AS TO AN UNDIVIDED 1/2 INTEREST TITLE REPORT NO. MA-4125.0	0.3235	-	-	-	-	-	0.3235	TE 0.0095	415		13-2-21-34-13-301-028 13-2-21-34-13-301-027



PART OF THE SW 14 OF SECTION 34, T3N, R8W, OF THE 3RD PM, MADISON COUNTY, ILLINOIS

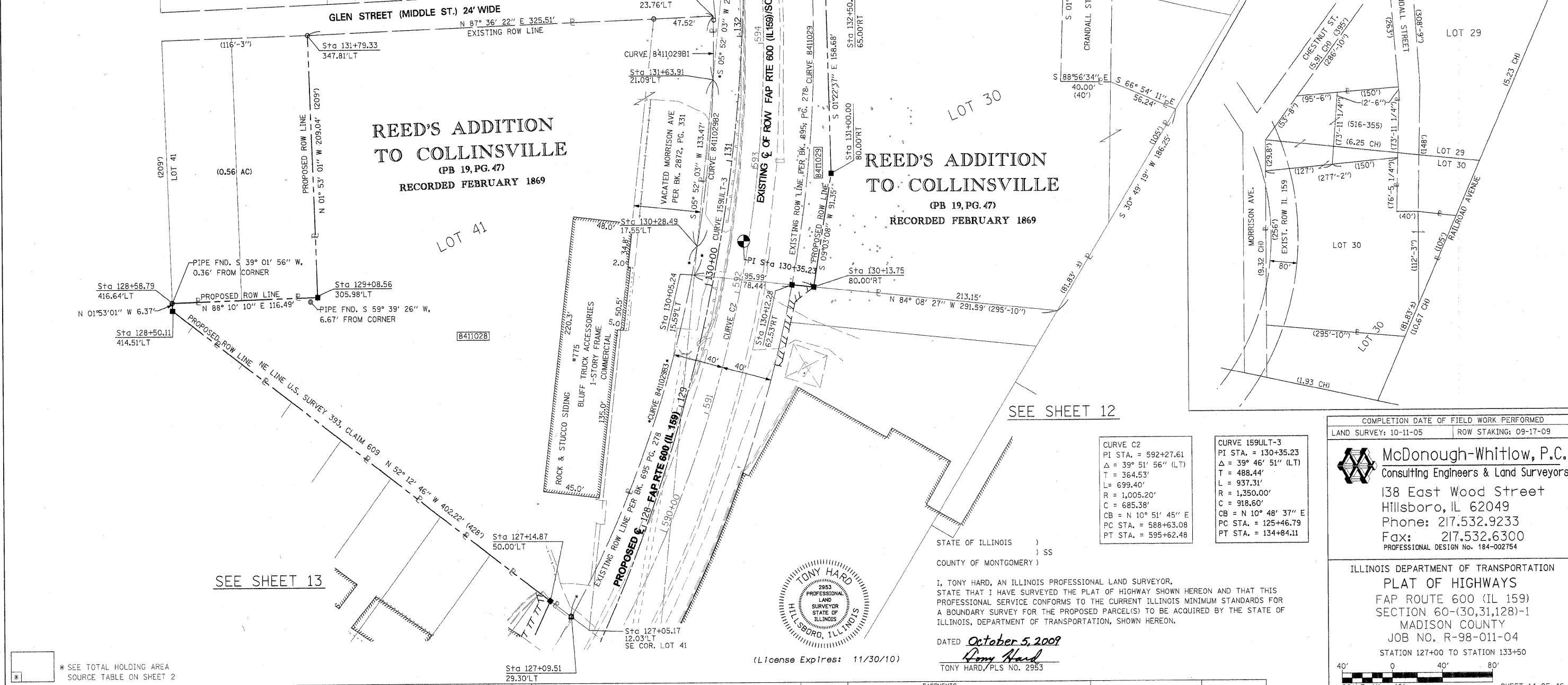
SEE SHEET 15

SEE BASIS OF COORDINATES AND BEARINGS STATEMENT ON SHEET 2

COORDINATE TABLE			
STATION	OFFSET	NORTH	EAST
127+14.87	50.00' LT	726,786.8446	349,219.3511
127+09.51	29.30' LT	726,773.7643	349,236.2219
128+50.11	414.51' LT	727,020.2171	348,918.3505
128+58.79	416.64' LT	727,026.5870	348,918.1410
129+08.56	305.98' LT	727,030.3080	349,034.5744
130+28.49	17.55' LT	727,069.3594	349,338.9354
131+79.33	347.81' LT	727,239.2398	349,027.7031
131+63.91	21.09' LT	727,202.1286	349,352.5797
132+15.40	23.76' LT	727,252.8359	349,352.9316
130+12.28	62.53' RT	727,038.4283	349,414.6178
130+13.75	80.00' RT	727,036.6378	349,432.0658
131+00.00	80.00' RT	727,126.8482	349,446.4382
132+50.00	65.00' RT	727,285.4850	349,442.6252
133+31.69	53.79' RT	727,370.5736	349,430.1173
133+32.47	47.81' RT	727,371.1100	349,424.1035
125+46.79	PC	726,617.3704	349,189.5743
134+84.11	PT	727,519.6675	349,360.8661
130+35.23	PI	727,037.3509	349,437.9482

CURVE 8411029 L = 334.24' R = 1045.20' C = 332.82' CB = N 01° 38' 00" E	CURVE 8411029B1 L = 50.71' R = 965.20' C = 50.71' CB = S 00° 23' 52" W
CURVE 8411029B2 L = 133.58' R = 965.20' C = 133.47' CB = S 05° 52' 03" W	CURVE 8411029B3 L = 314.32' R = 965.20' C = 312.93' CB = S 19° 09' 41" W

SEE SHEET 46 FOR CONTROL POINTS WITH CROSSIES  
(a) - SET DRILL HOLE WITH MAG NAIL  
(b) - SET MAG NAIL OR LANDSCAPE NAIL



SPACE RESERVED FOR RECORDING OFFICER

\* SEE TOTAL HOLDING AREA SOURCE TABLE ON SHEET 2

PARCEL NO.	OWNER	TOTAL HOLDING ACRES	FEE SIMPLE ACQUISITION				REMAINDER ACRES	EASEMENTS		PERMANENT TAX NUMBER	PROPERTY ACQUIRED BY	
			GROSS ACRES	PREVIOUSLY DEDICATED ACRES	NET ACRES	ACRES		PE = PERMANENT	TE = TEMPORARY			EASEMENT PURPOSE
8411028	RONALD R. POLETTE TITLE REPORT NO. MA-3440.0	2.8454	2.8454	123,946	-	2.8454	123,946	0	-	-	13-2-21-34-13-301-023	
8411029	VICTOR A. PACEWIC, AS TRUSTEE UNDER THE PROVISIONS OF A TRUST AGREEMENT DATED THE 12TH DAY OF MAY, 2004, KNOWN AS THE VICTOR A. PACEWIC TRUST AS TO A 1/4 INTEREST, EDWARD PACEWIC, AS TO AN UNDIVIDED 1/4 INTEREST, ALEXANDER PACEWIC AS TO AN UNDIVIDED 1/4 INTEREST AND DANIEL PACEWIC AS TO AN UNDIVIDED 1/4 INTEREST TITLE REPORT NO. MA-3432.0	2.3194	0.6591	28,712	0.5564	24,236	0.1027	4,476	1.6603	-	13-2-21-34-13-302-002 13-2-21-34-13-302-002.001	

CURVE C2 PI STA. = 592+27.61 Δ = 39° 51' 56" (LT) T = 364.53' L = 699.40' R = 1,005.20' C = 685.38' CB = N 10° 51' 45" E PC STA. = 588+63.08 PT STA. = 595+62.48	CURVE 159ULT-3 PI STA. = 130+35.23 Δ = 39° 46' 51" (LT) T = 488.44' L = 937.31' R = 1,350.00' C = 918.60' CB = N 10° 48' 37" E PC STA. = 125+46.79 PT STA. = 134+84.11
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STATE OF ILLINOIS )  
COUNTY OF MONTGOMERY ) SS

I, TONY HARD, AN ILLINOIS PROFESSIONAL LAND SURVEYOR, STATE THAT I HAVE SURVEYED THE PLAT OF HIGHWAY SHOWN HEREON AND THAT THIS PROFESSIONAL SERVICE CONFORMS TO THE CURRENT ILLINOIS MINIMUM STANDARDS FOR A BOUNDARY SURVEY FOR THE PROPOSED PARCEL(S) TO BE ACQUIRED BY THE STATE OF ILLINOIS, DEPARTMENT OF TRANSPORTATION, SHOWN HEREON.

DATED October 5, 2009  
Tony Hard  
TONY HARD, PLS. NO. 2953

(License Expires: 11/30/10)

COMPLETION DATE OF FIELD WORK PERFORMED  
LAND SURVEY: 10-11-05 ROW STAKING: 09-17-09

**McDonough-Whitlow, P.C.**  
Consulting Engineers & Land Surveyors  
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ILLINOIS DEPARTMENT OF TRANSPORTATION  
PLAT OF HIGHWAYS  
FAP ROUTE 600 (IL 159)  
SECTION 60-(30,31,128)-1  
MADISON COUNTY  
JOB NO. R-98-011-04  
STATION 127+00 TO STATION 133+50

SCALE: 1" = 40'

ILLINOIS DEPARTMENT OF TRANSPORTATION  
DIVISION OF HIGHWAYS/REGION 5/DISTRICT 8  
1102 EASTPORT PLAZA DRIVE  
COLLINSVILLE, ILLINOIS 62234-6198

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
600	60-(30,31,128)-1	MADISON	399	195

CONTRACT NO. 76830  
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT

PART OF THE SW 14 OF SECTION 34, T3N, R8W, OF THE 3RD PM, MADISON COUNTY, ILLINOIS

SEE BASIS OF COORDINATES AND BEARINGS STATEMENT ON SHEET 2

COORDINATE TABLE				
STATION	OFFSET	NORTH	EAST	
125+46.79	P.C.	726,617.3704	349,188.5743	
132+36.82	69.21' LT	727,274.9860	349,308.1808	
132+49.68	68.08' LT	727,287.1697	349,309.5584	
132+88.36	77.71' LT	727,323.7630	349,299.9595	
133+01.86	62.25' LT	727,336.8531	349,315.1758	
133+46.02	89.90' LT	727,377.3822	349,285.8945	
134+84.11	P.T.	727,519.6675	349,360.8661	
17+98.78	P.C.C.	727,556.2714	349,194.8182	
18+22.21	31.40' RT	727,517.1341	349,184.9268	
18+52.30	49.72' RT	727,478.2423	349,198.2211	
18+70.00	54.61' RT	727,460.5648	349,213.4600	
18+84.78	P.I.	727,484.1416	349,241.6514	
19+20.00	79.58' RT	727,408.0108	349,263.7660	
19+59.24	P.C.	727,475.2571	349,327.1917	
20+00.00	P.I.	727,471.0464	349,367.7322	
17+53.67	34.96' RT	727,577.9277	349,141.0048	

SEE SHEET 46 FOR CONTROL POINTS WITH CROSSSTIES  
 (a) - SET DRILL HOLE WITH MAG NAIL  
 (b) - SET MAG NAIL OR LANDSCAPE NAIL

**CURVE SLOOP-1**  
 PI STA. = 17+22.74  
 Δ = 13° 15' 46" (LT)  
 T = 76.73'  
 L = 152.78'  
 R = 660.00'  
 C = 152.43'  
 CB = S 26° 21' 50" E  
 PC STA. = 16+46.01  
 PT STA. = 17+98.78

**CURVE SLOOP-2**  
 PI STA. = 18+84.78  
 Δ = 51° 04' 30" (LT)  
 T = 86.00'  
 L = 160.46'  
 R = 180.00'  
 C = 155.20'  
 CB = S 58° 31' 58" E  
 PC STA. = 17+98.78  
 PT STA. = 19+59.24

**CURVE 159ULT-3**  
 PI STA. = 130+35.23  
 Δ = 39° 46' 51" (LT)  
 T = 488.44'  
 L = 937.31'  
 R = 1,350.00'  
 C = 918.60'  
 CB = N 10° 48' 37" E  
 PC STA. = 125+46.79  
 PT STA. = 134+84.11

**CURVE C2**  
 PI STA. = 592+27.61  
 Δ = 39° 51' 56" (LT)  
 T = 364.53'  
 L = 699.40'  
 R = 1,005.20'  
 C = 685.38'  
 CB = N 10° 51' 45" E  
 PC STA. = 588+63.08  
 PT STA. = 595+62.48

**LOT 40  
 REED'S ADDITION  
 TO COLLINSVILLE**

Recorded (PB 19, PG. 47)  
 FEB. 1869

(BK. 2591, PG. 262)

(BK. 2834, PG. 34)

(BK. 397, PG. 60)

(BK. 3706, PG. 1126)

S.W. CORNER LOT 40

(MIDDLE STREET) GLEN STREET (24' WIDE)

SEE SHEET 14

SEE SHEET 17

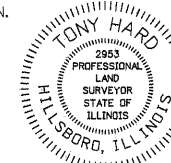
SEE SHEET 16

PARCEL NO.	OWNER	TOTAL HOLDING ACRES	FEE SIMPLE ACQUISITION			EASEMENTS			PERMANENT TAX NUMBER	PROPERTY ACQUIRED BY	
			GROSS ACRES	NET ACRES	REMAINDER ACRES	PE - PERMANENT TE - TEMPORARY ACRES	SO. FT.	EASEMENT PURPOSE			
8411030	DOUG HARTMANN, JR. TITLE REPORT NO. MA-3441.0, MA-4131.0, & MA-4196.0	1.1995	0.0193	841	0.0193	841	1.1802	0.1122 TE 0.0196 PE	4,889 TE 852 PE	TE-ENTRANCE CONSTRUCTION & GRADING PE-GRADING, DRAINAGE CONSTRUCTION & MAINTENANCE	13-2-21-34-13-301-014 13-2-21-34-13-301-014.001 13-2-21-34-13-301-014(p+)

STATE OF ILLINOIS )  
 COUNTY OF MONTGOMERY )

I, TONY HARD, AN ILLINOIS PROFESSIONAL LAND SURVEYOR, STATE THAT I HAVE SURVEYED THE PLAT OF HIGHWAY SHOWN HEREON AND THAT THIS PROFESSIONAL SERVICE CONFORMS TO THE CURRENT ILLINOIS MINIMUM STANDARDS FOR A BOUNDARY SURVEY FOR THE PROPOSED PARCEL(S) TO BE ACQUIRED BY THE STATE OF ILLINOIS, DEPARTMENT OF TRANSPORTATION, SHOWN HEREON.

DATED October 5, 2009  
*Tony Hard*  
 TONY HARD, PLS. NO. 2953



(License Expires: 11/30/10)

COMPLETION DATE OF FIELD WORK PERFORMED  
 LAND SURVEY: 10-11-05 ROW STAKING: 09-17-09

**McDonough-Whitlow, P.C.**  
 Consulting Engineers & Land Surveyors  
 138 East Wood Street  
 Hillsboro, IL 62049  
 Phone: 217.532.9233  
 Fax: 217.532.6300  
 PROFESSIONAL DESIGN NO. 184-002754

ILLINOIS DEPARTMENT OF TRANSPORTATION  
 PLAT OF HIGHWAYS  
 FAP ROUTE 600 (IL 159)  
 SECTION 60-(30,31,128)-1  
 MADISON COUNTY  
 JOB NO. R-98-011-04  
 STATION 17+50 TO STATION 19+75 LOOP ST.

SCALE: 1" = 20'  
 SHEET 15 OF 46

ILLINOIS DEPARTMENT OF TRANSPORTATION  
 DIVISION OF HIGHWAYS/REGION 5/DISTRICT 8  
 1102 EASTPORT PLAZA DRIVE  
 COLLINSVILLE, ILLINOIS 62234-6198

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
600	60-(30,31,128)-1	MADISON	399	196

CONTRACT NO. 76830

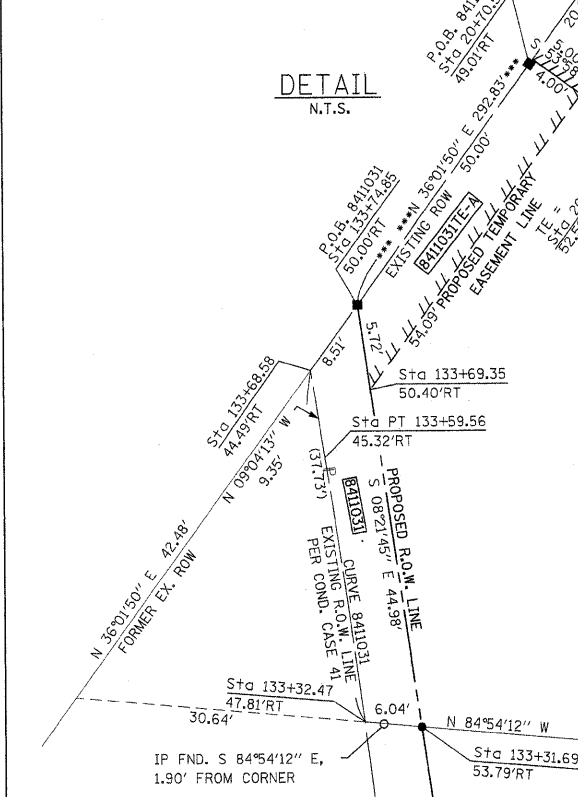
PART OF THE SW 14 OF SECTION 34, T3N, R8W, OF THE 3RD PM, MADISON COUNTY, ILLINOIS

SEE BASIS OF COORDINATES AND BEARINGS STATEMENT ON SHEET 2

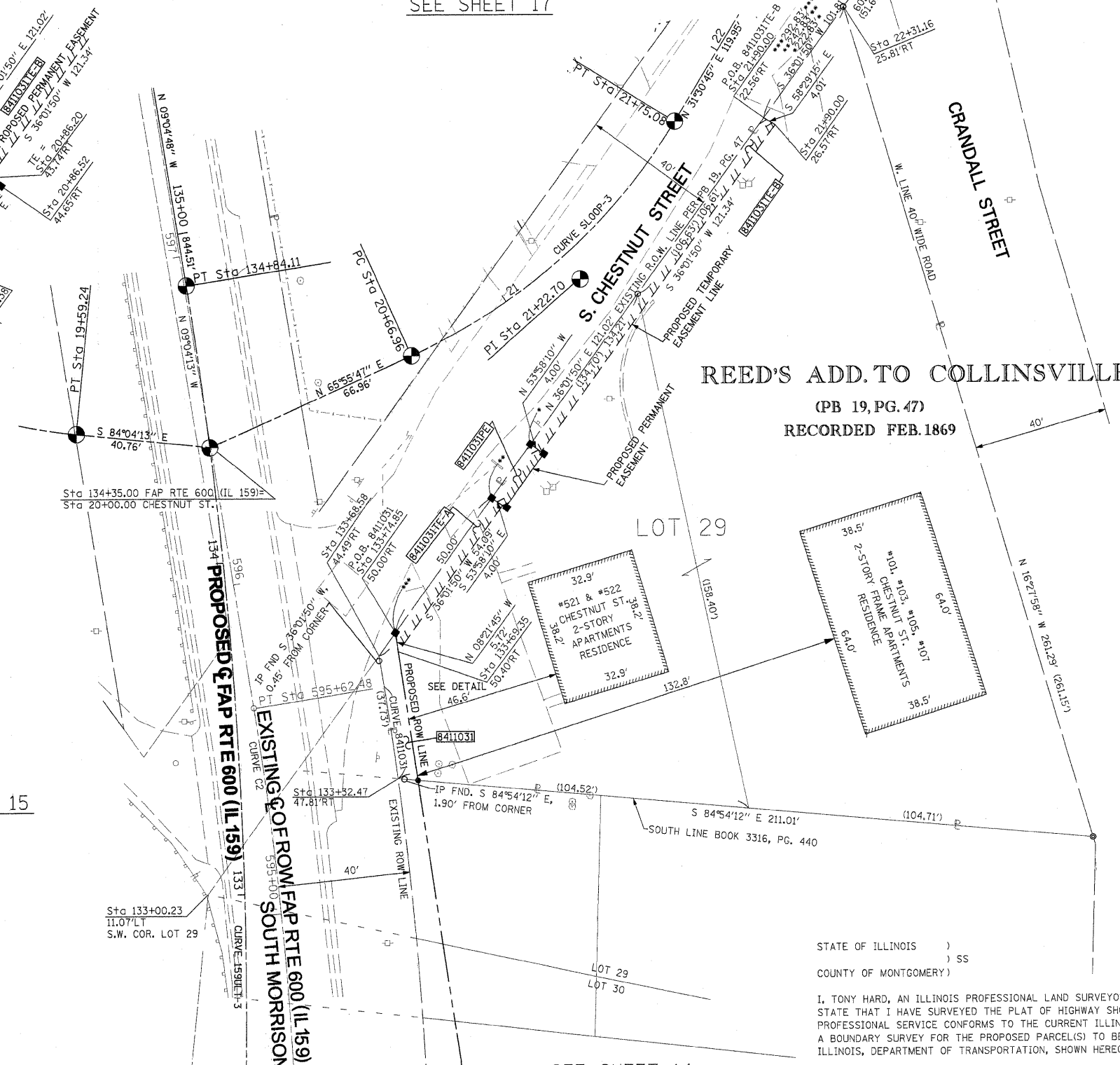
COORDINATE TABLE				
STATION	OFFSET	NORTH	EAST	
20+00.00	PI	727,471.0464	349,367.7322	
20+66.96	PC	727,498.3563	349,428.8690	
20+70.53	49.01' RT	727,455.5071	349,452.9868	
20+72.38	53.40' RT	727,452.5660	349,457.0303	
20+84.88	40.08' RT	727,471.6812	349,464.7511	
20+86.52	44.65' RT	727,468.7401	349,468.7946	
21+75.08	PT	727,568.6211	349,508.9092	
22+95.04	POT	727,670.8857	349,571.6078	
125+46.79	PC	726,617.3704	349,188.5743	
133+31.69	53.79' RT	727,370.5736	349,430.1173	
133+32.47	47.81' RT	727,371.1100	349,424.1035	
133+68.58	44.49' RT	727,408.1865	349,418.5679	
133+74.85	50.00' RT	727,415.0718	349,423.5760	
134+84.11	PT	727,519.6675	349,360.8661	
143+28.62	PC	728,353.5933	349,227.5911	
21+22.70	PI	727,521.0939	349,479.7702	
133+59.56	45.32' RT	727,398.9515	349,420.0422	
22+31.16	25.81' RT	727,602.9390	349,560.2220	

CURVE TABLE										
CURVE	PI STA.	Δ	TANGENT	LENGTH	RADIUS	CHORD	CHORD BEARING	PC STA.	PT STA.	
8411031			28.14'	108.12'	1,045.20'	28.14'	N 08°17'57" W			
SL00P-3	21+22.70	34°25'02" (LT)	55.75'	108.12'	180.00'	106.51'	N 48°43'16" E	20+66.96	21+75.08	
159ULT-3	130+35.23	39°46'51" (LT)	488.44'	937.31'	1,350.00'	918.60'	N 10°48'37" E	125+46.79	134+84.11	
C2	592+27.61	39°51'56" (LT)	364.53'	699.40'	1,005.20'	685.38'	N 10°51'45" E	588+63.08	595+62.48	

SEE SHEET 46 FOR CONTROL POINTS WITH CROSSIES  
 (a) - SET DRILL HOLE WITH MAG NAIL  
 (b) - SET MAG NAIL OR LANDSCAPE NAIL



SEE SHEET 17



REED'S ADD. TO COLLINSVILLE  
 (PB 19, PG. 47)  
 RECORDED FEB. 1869

SEE SHEET 15

SEE SHEET 14

\* SEE TOTAL HOLDING AREA SOURCE TABLE ON SHEET 2

PARCEL NO.	OWNER	TOTAL HOLDING ACRES	FEE SIMPLE ACQUISITION			REMAINDER ACRES	EASEMENTS		PERMANENT TAX NUMBER	PROPERTY ACQUIRED BY	
			GROSS ACRES	PREVIOUSLY DEDICATED AND/OR USED ACRES	NET ACRES		PE - PERMANENT ACRES	TE - TEMPORARY ACRES			
8411031	SRT PROPERTIES, LLC, A LIMITED LIABILITY COMPANY TITLE REPORT NO. MA-3433.0	0.6612	0.0055	240	0.0055	240	0.6557	TE-A 0.0048 TE-B 0.0111 PE 0.0023	208 485 100	TE-A - GRADING & ENTRANCE CONSTRUCTION TE-B - GRADING PE - GRADING, DRAINAGE CONSTRUCTION & MAINTENANCE	13-2-21-34-13-302-003.001 13-2-21-34-13-302-003

STATE OF ILLINOIS )  
 COUNTY OF MONTGOMERY ) SS  
 I, TONY HARD, AN ILLINOIS PROFESSIONAL LAND SURVEYOR, STATE THAT I HAVE SURVEYED THE PLAT OF HIGHWAY SHOWN HEREON AND THAT THIS PROFESSIONAL SERVICE CONFORMS TO THE CURRENT ILLINOIS MINIMUM STANDARDS FOR A BOUNDARY SURVEY FOR THE PROPOSED PARCEL(S) TO BE ACQUIRED BY THE STATE OF ILLINOIS, DEPARTMENT OF TRANSPORTATION, SHOWN HEREON.  
 DATED October 5, 2009  
*Tony Hard*  
 TONY HARD, PLS NO. 2953



**McDonough-Whitlow, P.C.**  
 Consulting Engineers & Land Surveyors  
 138 East Wood Street  
 Hillsboro, IL 62049  
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 PROFESSIONAL DESIGN NO. 184-002754

ILLINOIS DEPARTMENT OF TRANSPORTATION  
**PLAT OF HIGHWAYS**  
 FAP ROUTE 600 (IL 159)  
 SECTION 60-(30,31,28)-1  
 MADISON COUNTY  
 JOB NO. R-98-011-04  
 STATION 133+25 TO STATION 135+50

SCALE: 1" = 20'

ILLINOIS DEPARTMENT OF TRANSPORTATION  
 DIVISION OF HIGHWAYS/REGION 5/DISTRICT 8  
 1102 EASTPORT PLAZA DRIVE  
 COLLINSVILLE, ILLINOIS 62234-6198

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
600	60-(30,31,28)-1	MADISON	399	197

COMPLETION DATE OF FIELD WORK PERFORMED  
 LAND SURVEY: 10-11-05      ROW STAKING: 09-17-09

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

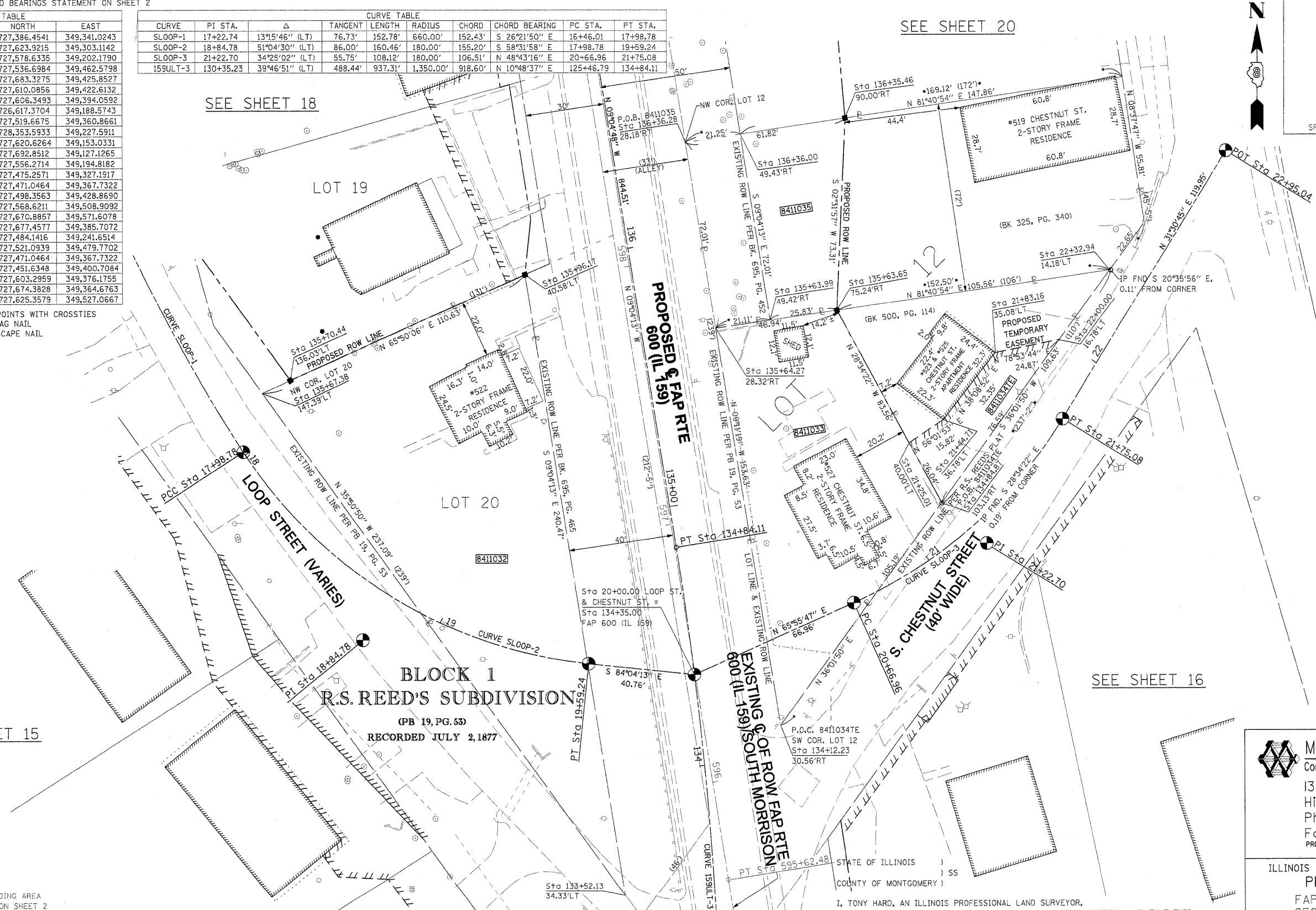
PART OF THE SW 14 OF SECTION 34, T3N, R8W, OF THE 3RD PM, MADISON COUNTY, ILLINOIS

SEE BASIS OF COORDINATES AND BEARINGS STATEMENT ON SHEET 2

COORDINATE TABLE			
STATION	OFFSET	NORTH	EAST
133+52.13	34.33' LT	727,386.4541	349,341.0243
135+96.17	40.58' LT	727,623.9215	349,303.1142
135+67.38	147.39' LT	727,578.6335	349,202.1790
134+84.87	103.13' RT	727,536.6984	349,462.5798
136+35.46	90.00' RT	727,683.3275	349,425.8527
135+63.65	75.24' RT	727,610.0856	349,422.6132
135+63.99	49.42' RT	727,606.3493	349,394.0592
125+46.79	PC	726,617.3704	349,188.5743
134+84.11	PT	727,519.6675	349,360.8661
143+28.62	PC	728,353.5933	349,227.5911
17+22.74	PI	727,620.6264	349,153.0331
16+46.01	PC	727,692.8512	349,127.1265
17+98.78	PCC	727,556.2714	349,194.8182
19.59.24	PT	727,475.2571	349,327.1917
20+00.00	PI	727,471.0464	349,367.7322
20+66.96	PC	727,498.3563	349,428.8690
21+75.08	PT	727,568.6211	349,508.9092
22+95.04	PI	727,670.8857	349,571.6078
136+36.00	49.43' RT	727,677.4577	349,385.7072
18+84.78	PI	727,484.1416	349,241.6514
21+22.70	PI	727,521.0939	349,479.7702
20+00.00	C-C	727,471.0464	349,367.7322
134+12.23	30.56' RT	727,451.6348	349,400.7084
135+64.27	28.32' RT	727,603.2959	349,376.1755
136+36.28	28.18' RT	727,674.3828	349,364.6763
22+32.94	14.18' LT	727,625.3579	349,527.0667

CURVE TABLE										
CURVE	PI STA.	Δ	TANGENT	LENGTH	RADIUS	CHORD	CHORD BEARING	PC STA.	PT STA.	
SLOOP-1	17+22.74	13°15'46" (LT)	76.73'	152.78'	660.00'	152.43'	S 26°21'50" E	16+46.01	17+98.78	
SLOOP-2	18+84.78	51°04'30" (LT)	86.00'	160.46'	180.00'	155.20'	S 58°31'58" E	17+98.78	19+59.24	
SLOOP-3	21+22.70	34°25'02" (LT)	55.75'	108.12'	180.00'	106.51'	N 48°43'16" E	20+66.96	21+75.08	
159ULT-3	130+35.23	39°46'51" (LT)	488.44'	937.31'	1,350.00'	918.60'	N 10°48'37" E	125+46.79	134+84.11	

SEE SHEET 46 FOR CONTROL POINTS WITH CROSSIES  
 (a) - SET DRILL HOLE WITH MAG NAIL  
 (b) - SET MAG NAIL OR LANDSCAPE NAIL

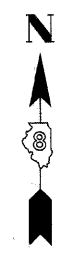


SEE SHEET 15

SEE SHEET 18

SEE SHEET 20

SEE SHEET 16



SPACE RESERVED FOR RECORDING OFFICER

\* SEE TOTAL HOLDING AREA SOURCE TABLE ON SHEET 2

PARCEL NO.	OWNER	TOTAL HOLDING ACRES	GROSS		FEE SIMPLE ACQUISITION PREVIOUSLY DEDICATED AND/OR USED		NET		REMAINDER ACRES	EASEMENTS		PERMANENT TAX NUMBER	PROPERTY ACQUIRED BY
			ACRES	SQ. FT.	ACRES	SQ. FT.	ACRES	SQ. FT.		PE = PERMANENT TE = TEMPORARY ACRES	SQ. FT.		
8411032	JOHN H. SCHEURER, JR. TITLE REPORT NO. MA-3442.0	0.2948	0.2948	12,843	-	-	0.2948	12,843	0	-	-	13-2-21-34-13-301-005	
8411033	LANA M. MUSHILL & RAYMOND A. MUSHILL HER SPOUSE, AS TENANTS IN COMMON TITLE REPORT NO. MA-3434.0	0.1739	0.1739	7,575	-	-	0.1739	7,575	0	-	-	13-2-21-34-13-302-004	
8411034	OSBORN & OSBORN, LLC TITLE REPORT NO. MA-4130.0	0.0950	-	-	-	-	-	-	0.0950	TE 0.0267	1,161	13-2-21-34-13-302-005	ENTRANCE CONSTRUCTION & GRADING
8411035	CHRISTOPHER HABERMEHL & BETH HABERMEHL, AS JOINT TENANTS TITLE REPORT NO. MA-3435.0	0.2760	0.0899	3,915	0.0350	1,525	0.0549	2,390	0.1861	-	-	13-2-21-34-13-302-006	

STATE OF ILLINOIS )  
 COUNTY OF MONTGOMERY ) SS  
 I, TONY HARD, AN ILLINOIS PROFESSIONAL LAND SURVEYOR, STATE THAT I HAVE SURVEYED THE PLAT OF HIGHWAY SHOWN HEREON AND THAT THIS PROFESSIONAL SERVICE CONFORMS TO THE CURRENT ILLINOIS MINIMUM STANDARDS FOR A BOUNDARY SURVEY FOR THE PROPOSED PARCEL(S) TO BE ACQUIRED BY THE STATE OF ILLINOIS, DEPARTMENT OF TRANSPORTATION, SHOWN HEREON.  
 DATED October 5, 2009  
*Tony Hard*  
 TONY HARD, PLS NO. 2953



(License Expires: 11/30/10)

COMPLETION DATE OF FIELD WORK PERFORMED  
 LAND SURVEY: 10-11-05 ROW STAKING: 09-17-09

**McDonough-Whitlow, P.C.**  
 Consulting Engineers & Land Surveyors  
 138 East Wood Street  
 Hillsboro, IL 62049  
 Phone: 217.532.9233  
 Fax: 217.532.6300  
 PROFESSIONAL DESIGN No. 184-002754

ILLINOIS DEPARTMENT OF TRANSPORTATION  
**PLAT OF HIGHWAYS**  
 FAP ROUTE 600 (IL 159)  
 SECTION 60-(30,31,128)-1  
 MADISON COUNTY  
 JOB NO. R-98-011-04  
 STATION 133+50 TO STATION 136+50

SCALE: 1" = 20'

SHEET 17 OF 46

F.A.P. R.T.E.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
600	60-(30,31,128)-1	MADISON	399	198

CONTRACT NO. 76830

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

PART OF THE SW 14 OF SECTION 34, T3N, R8W, OF THE 3RD PM, MADISON COUNTY, ILLINOIS

SEE BASIS OF COORDINATES AND BEARINGS STATEMENT ON SHEET 2

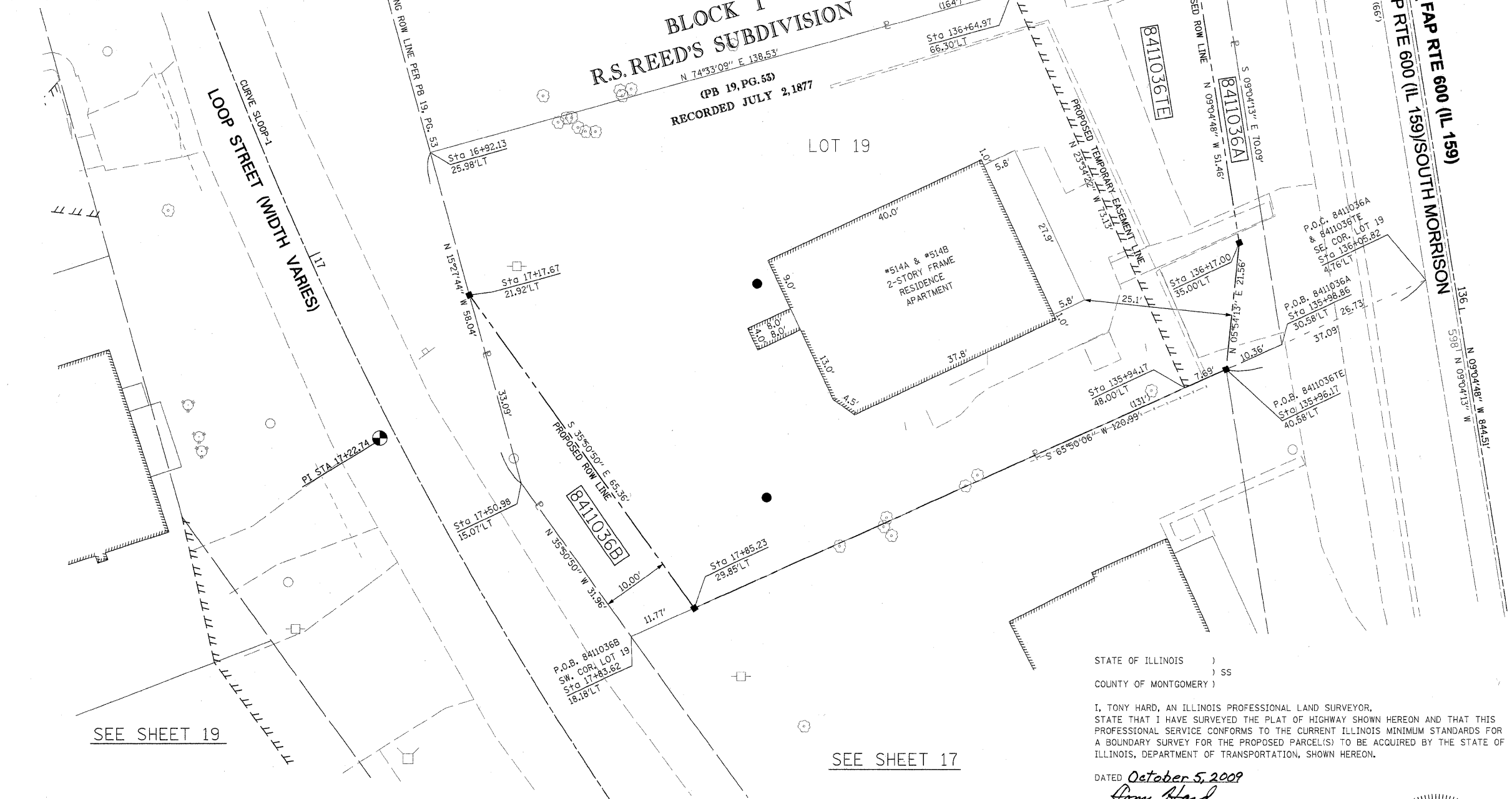
COORDINATE TABLE			
STATION	OFFSET	NORTH	EAST
135+98.86	30.58' LT	727,628.1614	349,312.5640
135+96.17	40.58' LT	727,623.9215	349,303.1142
135+94.17	48.00' LT	727,620.7741	349,296.0995
136+17.00	35.00' LT	727,645.3719	349,305.3323
136+64.97	66.30' LT	727,687.7993	349,266.8548
136+68.06	38.56' LT	727,695.2328	349,293.7552
136+68.46	35.00' LT	727,696.1878	349,297.2111
136+68.96	30.56' LT	727,697.3769	349,301.5142
17+83.62	18.18' LT	727,578.6335	349,202.1790
17+50.98	15.07' LT	727,604.5413	349,183.4611
17+17.67	21.92' LT	727,636.4311	349,174.6400
17+85.23	29.85' LT	727,583.4513	349,212.9167
143+28.62	PC	728,353.5933	349,227.5911
134+84.11	PT	727,519.6675	349,360.8661
16+46.01	PC	727,692.8512	349,127.1265
17+98.78	PT	727,556.2714	349,194.8182
17+22.74	PI	727,620.6264	349,153.0331
16+92.13	25.98' LT	727,660.4786	349,167.9881

CURVE SLOOP-1  
 PI Sta = 17+22.74  
 $\Delta = 13^\circ 15' 46''$  (L.T.)  
 T = 76.73'  
 L = 152.78'  
 R = 660.00'  
 C = 152.43'  
 CB = S 26° 21' 50" E  
 PC Sta = 16+46.01  
 PT Sta = 17+98.78



SPACE RESERVED FOR RECORDING OFFICER

SEE SHEET 46 FOR CONTROL POINTS WITH CROSSIES  
 (a) - SET DRILL HOLE WITH MAG NAIL  
 (b) - SET MAG NAIL OR LANDSCAPE NAIL



SEE SHEET 21

SEE SHEET 20

SEE SHEET 19

SEE SHEET 17

STATE OF ILLINOIS )  
 ) SS  
 COUNTY OF MONTGOMERY )

I, TONY HARD, AN ILLINOIS PROFESSIONAL LAND SURVEYOR, STATE THAT I HAVE SURVEYED THE PLAT OF HIGHWAY SHOWN HEREON AND THAT THIS PROFESSIONAL SERVICE CONFORMS TO THE CURRENT ILLINOIS MINIMUM STANDARDS FOR A BOUNDARY SURVEY FOR THE PROPOSED PARCEL(S) TO BE ACQUIRED BY THE STATE OF ILLINOIS, DEPARTMENT OF TRANSPORTATION, SHOWN HEREON.

DATED October 5, 2009  
*Tony Hard*  
 TONY HARD, PLS NO. 2953



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ILLINOIS DEPARTMENT OF TRANSPORTATION  
**PLAT OF HIGHWAYS**  
 FAP ROUTE 600 (IL 159)  
 SECTION 60-(30,31,128)-1  
 MADISON COUNTY  
 JOB NO. R-98-011-04  
 STATION 135+75 TO STATION 136+75 FAP 600 (IL 159)

SCALE: 1" = 10'

SHEET 18 OF 46

ILLINOIS DEPARTMENT OF TRANSPORTATION  
 DIVISION OF HIGHWAYS/REGION 5/DISTRICT 8  
 1102 EASTPORT PLAZA DRIVE  
 COLLINSVILLE, ILLINOIS 62234-6198

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
600	60-(30,31,128)-1	MADISON	399	199

COMPLETION DATE OF FIELD WORK PERFORMED  
 LAND SURVEY: 10-11-05      ROW STAKING: 09-17-09

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

\* SEE TOTAL HOLDING AREA SOURCE TABLE ON SHEET 2

PARCEL NO.	OWNER	TOTAL HOLDING ACRES	FEE SIMPLE ACQUISITION				EASEMENTS				PERMANENT TAX NUMBER	PROPERTY ACQUIRED BY		
			GROSS ACRES	PREVIOUSLY DEDICATED ACRES	NET ACRES	REMAINDER ACRES	PE - PERMANENT TE - TEMPORARY ACRES	EASEMENT PURPOSE						
8411036	LYLE BUETTNER & CHRISTINE BUETTNER, AS JOINT TENANTS TITLE REPORT NO. MA-3443.0	0.2413	A 0.0084 B 0.0129	A 366 B 561	-	-	A 0.0084 B 0.0129	A 366 B 561	0.2200	TE 0.0355	1,546	TE GRADING, ENTRANCE & SIDEWALK CONSTRUCTION	13-2-21-34-13-301-004	

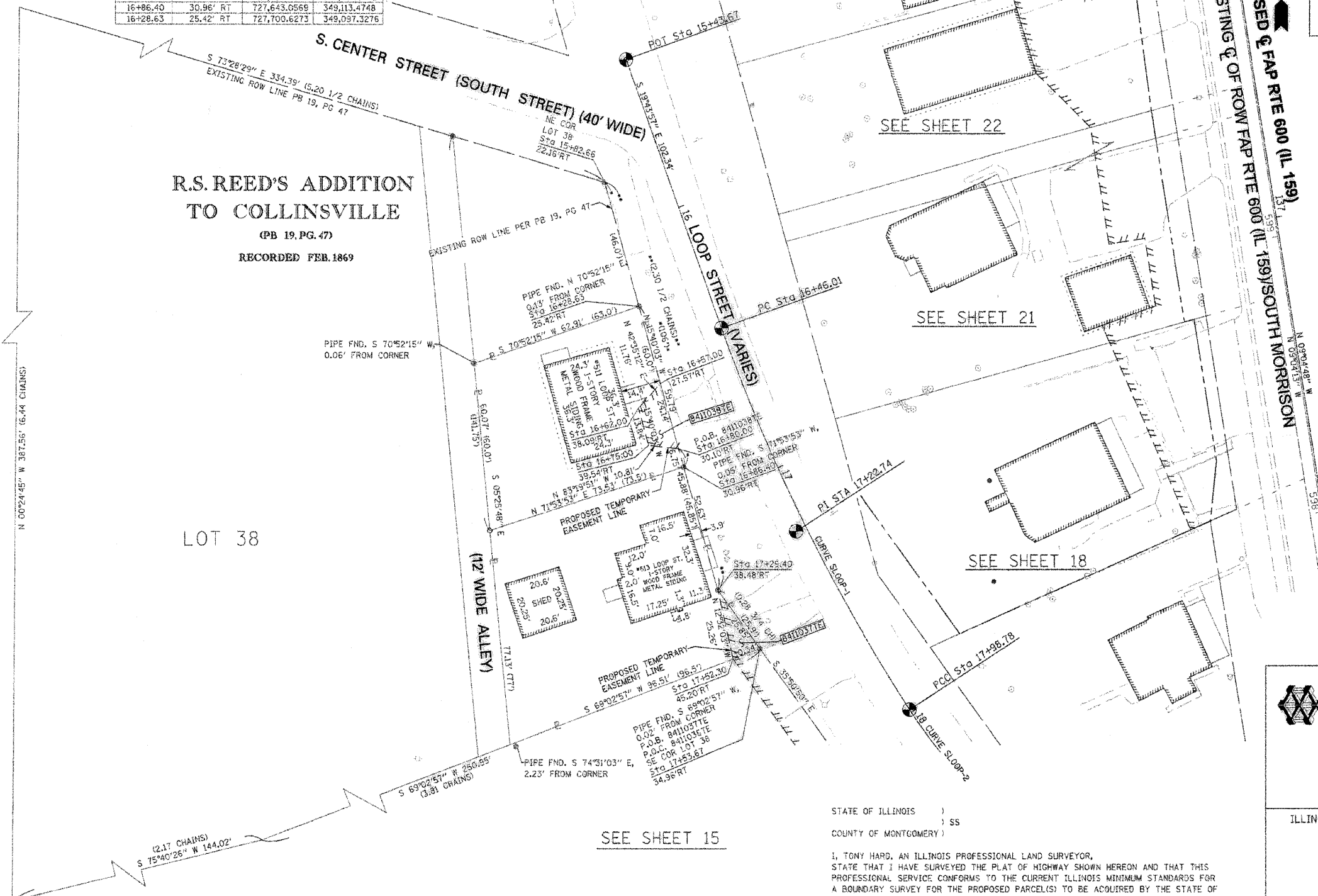
PART OF THE SW 1/4 OF SECTION 34, T3N, R8W, OF THE 3RD PM, MADISON COUNTY, ILLINOIS

SEE BASIS OF COORDINATES AND BEARINGS STATEMENT ON SHEET 2

CURVE SLOOP-1  
 P.I. STA. = 17+22.74  
 Δ = 13° 15' 46" (LT)  
 T = 76.73'  
 L = 152.78'  
 R = 660.00'  
 C = 152.43'  
 C.B. = S 26° 21' 50" E  
 P.C. STA. = 16+46.01  
 P.T. STA. = 17+98.78

STATION	OFFSET	NORTH	EAST
15+43.67	POT	727,789.1780	349,092.5747
16+46.01	PC	727,692.8512	349,127.1265
17+98.78	PT	727,556.2714	349,194.8182
134+84.11	PT	727,519.6676	349,360.8661
143+28.62	PC	728,353.5933	349,227.5911
17+22.74	PI	727,620.8264	349,153.0331
17+53.67	34.96' RT	727,877.9277	349,141.0048
17+29.40	38.48' RT	727,598.8841	349,125.8642
16+86.40	30.96' RT	727,643.0569	349,113.4748
16+28.63	25.42' RT	727,700.6273	349,097.3276

SEE SHEET 46 FOR CONTROL POINTS WITH CROSSTIES  
 (a) - SET DRILL HOLE WITH MAG NAIL  
 (b) - SET MAG NAIL OR LANDSCAPE NAIL



R.S. REED'S ADDITION  
 TO COLLINSVILLE

(PB 19, PG. 47)

RECORDED FEB. 1869

LOT 38

SEE SHEET 15

SEE SHEET 22

SEE SHEET 21

SEE SHEET 18

SPACE RESERVED FOR RECORDING OFFICER

\* SEE TOTAL HOLDING AREA SOURCE TABLE ON SHEET 2

PARCEL NO.	OWNER	TOTAL HOLDING ACRES	FEE SIMPLE ACQUISITION				REMAINDER ACRES	EASEMENTS		PERMANENT TAX NUMBER	PROPERTY ACQUIRED BY
			PREVIOUSLY DEDICATED AND/OR USED ACRES	NET ACRES	PERMANENT ACRES	TEMPORARY ACRES		EASEMENT PURPOSE			
8411037	JUNE M. AMMON & DEAN AMMON, AS JOINT TENANTS TITLE REPORT NO. MA-4162-0	0.1371	-	-	-	0.1371	TE 0.0030	129	13-2-21-34-13-301-006		
8411038	DEAN AMMON & JUNE MARIE AMMON, HIS WIFE, IN JOINT TENANCY TITLE REPORT NO. MA-4167-0	0.0926	-	-	-	0.0926	TE 0.0044	190	13-2-21-34-13-301-007		

STATE OF ILLINOIS )  
 ) SS  
 COUNTY OF MONTGOMERY )

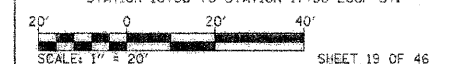
I, TONY HARD, AN ILLINOIS PROFESSIONAL LAND SURVEYOR, STATE THAT I HAVE SURVEYED THE PLAT OF HIGHWAY SHOWN HEREON AND THAT THIS PROFESSIONAL SERVICE CONFORMS TO THE CURRENT ILLINOIS MINIMUM STANDARDS FOR A BOUNDARY SURVEY FOR THE PROPOSED PARCEL(S) TO BE ACQUIRED BY THE STATE OF ILLINOIS, DEPARTMENT OF TRANSPORTATION, SHOWN HEREON.

DATED October 5, 2009  
*Tony Hard*  
 TONY HARD, PLS NO. 2953



**McDonough-Whitlow, P.C.**  
 Consulting Engineers & Land Surveyors  
 138 East Wood Street  
 Hillsboro, IL 62049  
 Phone: 217.532.9233  
 Fax: 217.532.6300  
 PROFESSIONAL DESIGN NO. 184-002754

ILLINOIS DEPARTMENT OF TRANSPORTATION  
 PLAT OF HIGHWAYS  
 FAP ROUTE 600 (IL 159)  
 SECTION 60-(30,31,128)-1  
 MADISON COUNTY  
 JOB NO. R-98-011-04  
 STATION 16+00 TO STATION 17+50 LOOP ST.



F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
600	60-(30,31,128)-1	MADISON	399	200

COMPLETION DATE OF FIELD WORK PERFORMED  
 LAND SURVEY: 10-11-05    ROW STAKING: 09-17-09    ILLINOIS FED. AID PROJECT

Added Sheet 2-11-10