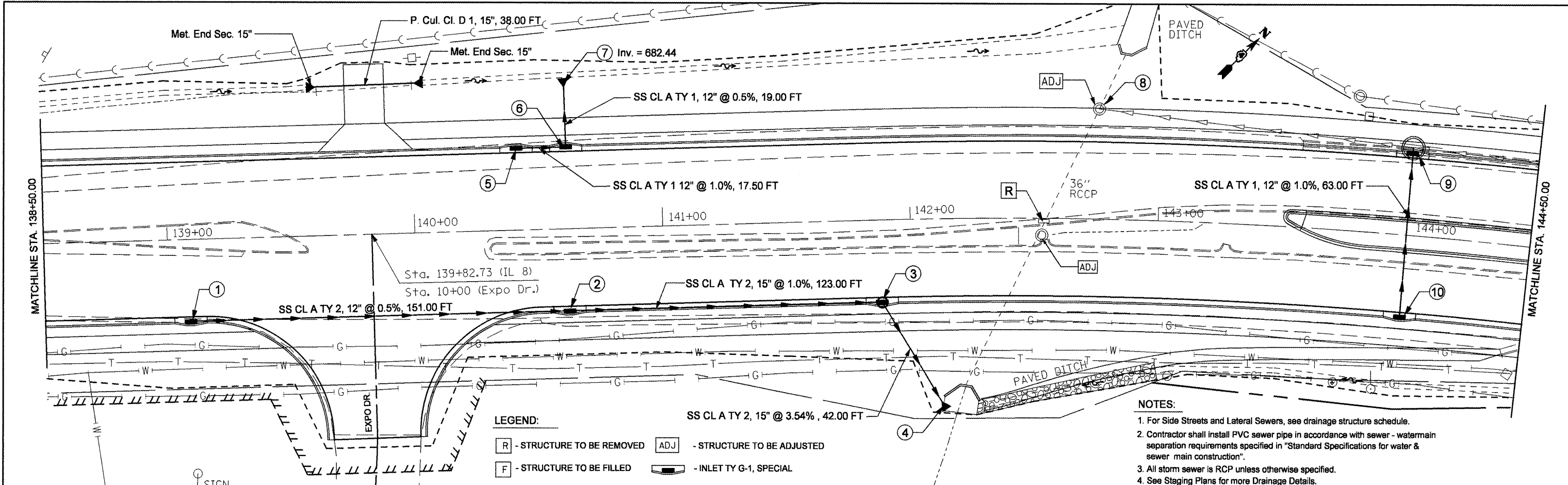


DATE	BY

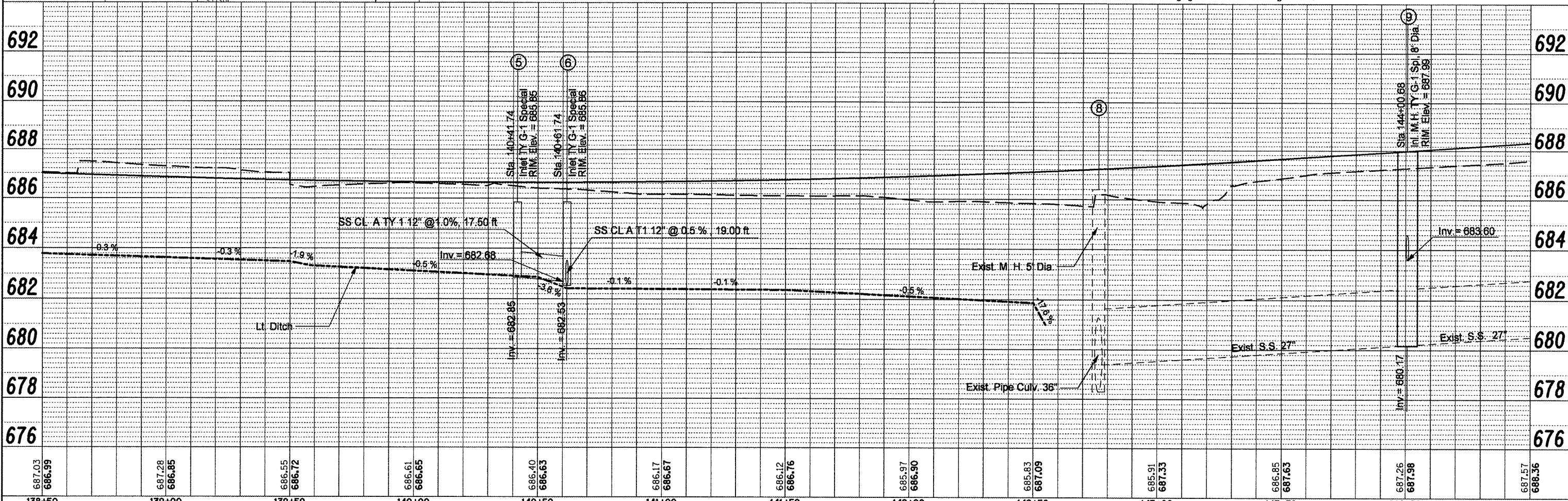
DATE	BY



- NOTES:
1. For Side Streets and Lateral Sewers, see drainage structure schedule.
  2. Contractor shall install PVC sewer pipe in accordance with sewer - watermain separation requirements specified in "Standard Specifications for water & sewer main construction".
  3. All storm sewer is RCP unless otherwise specified.
  4. See Staging Plans for more Drainage Details.

LEGEND:

[R]	- STRUCTURE TO BE REMOVED	[ADJ]	- STRUCTURE TO BE ADJUSTED
[F]	- STRUCTURE TO BE FILLED	[INLET TY G-1, SPECIAL]	- INLET TY G-1, SPECIAL



687.03 686.99	687.28 686.85	686.55 686.72	686.61 686.65	686.40 686.63	686.17 686.67	686.12 686.76	685.97 686.90	685.83 687.09	685.91 687.33	686.85 687.63	687.26 687.98	687.57 688.36
138+50	139+00	139+50	140+00	140+50	141+00	141+50	142+00	142+50	143+00	143+50	144+00	144+50

FILE NAME = copy of drainage plan lt.dgn

USER NAME = swisherch  
 PLOT SCALE = 40,0000' / IN.  
 PLOT DATE = 12/11/2008

DESIGNED -	REVISED -
DRAWN -	REVISED -
CHECKED -	REVISED -
DATE -	REVISED -

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

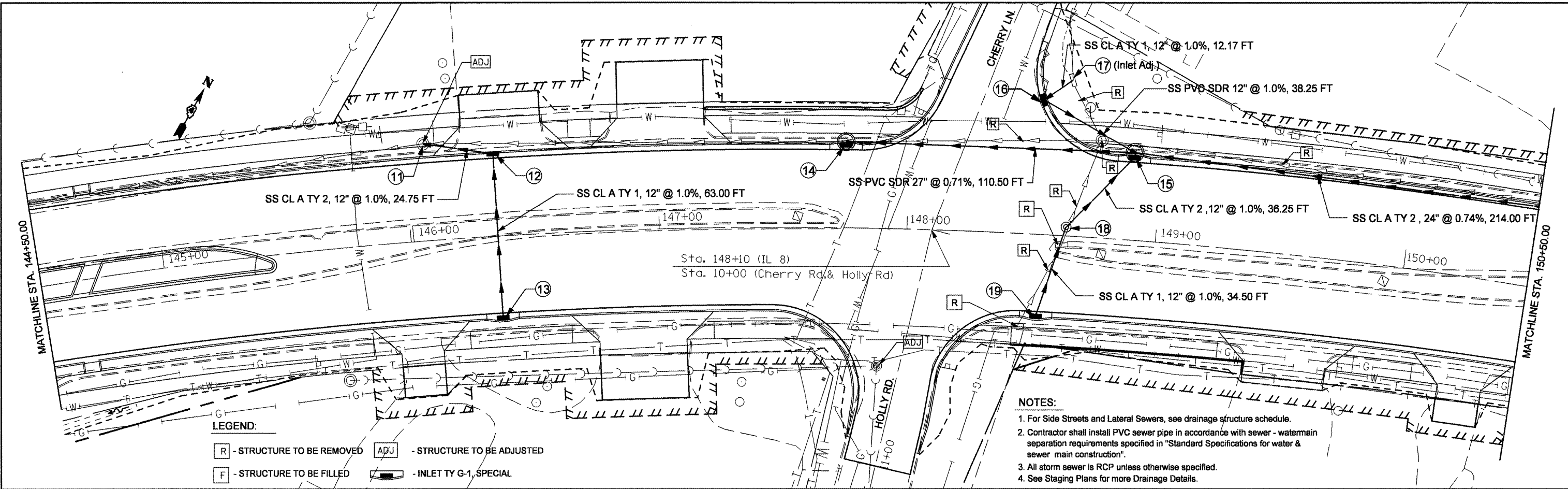
**IL RTE 8 - DRAINAGE PLANS LT SIDE**

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

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
399	36 R-8	TAZEWELL	429	101
CONTRACT NO. 68258				
FED. ROAD DIST. NO. 4 ILLINOIS FED. AID PROJECT				

DATE  
BY  
REVIEWED  
NOTED  
PLAN  
NO.  
NO.  
NO.  
NO.  
NO.

DATE  
BY  
REVIEWED  
NOTED  
PROFILE  
NO.  
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NO.

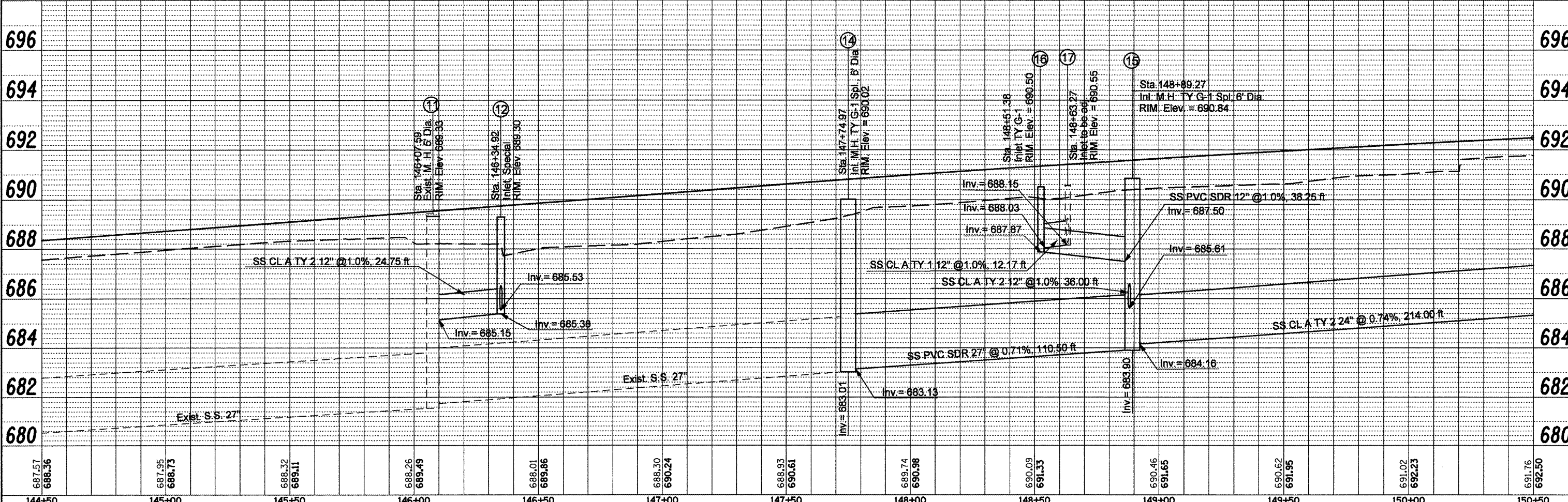


LEGEND:

R - STRUCTURE TO BE REMOVED  
F - STRUCTURE TO BE FILLED  
ADJ - STRUCTURE TO BE ADJUSTED  
INLET TY G-1, SPECIAL

NOTES:

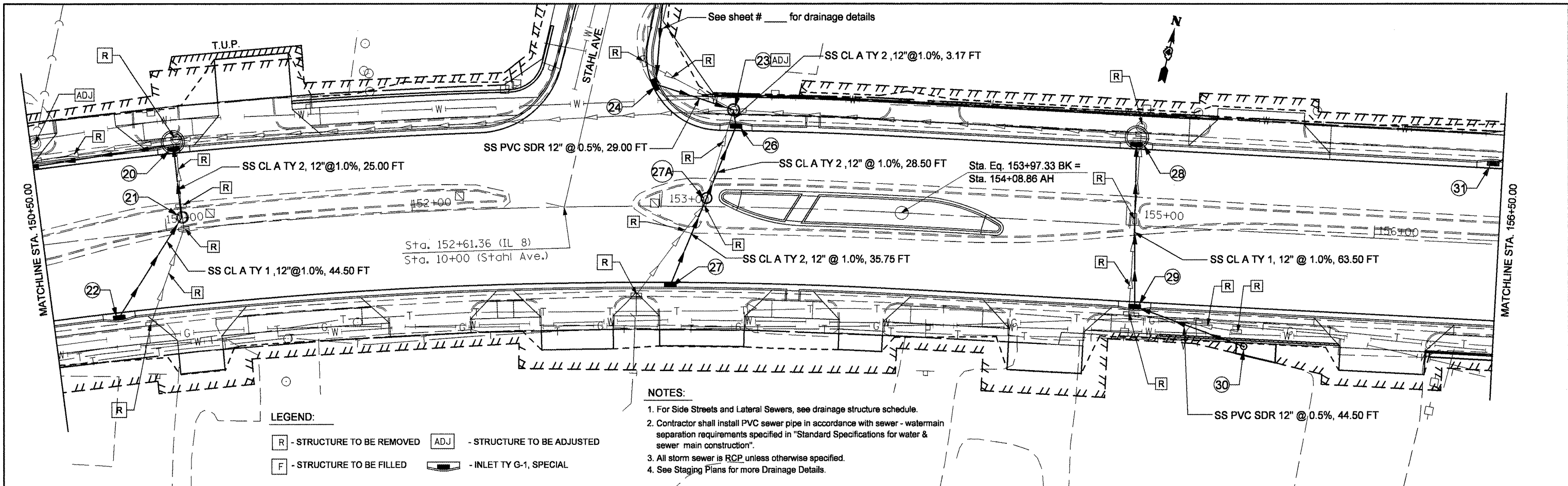
- For Side Streets and Lateral Sewers, see drainage structure schedule.
- Contractor shall install PVC sewer pipe in accordance with sewer - watermain separation requirements specified in "Standard Specifications for water & sewer main construction".
- All storm sewer is RCP unless otherwise specified.
- See Staging Plans for more Drainage Details.





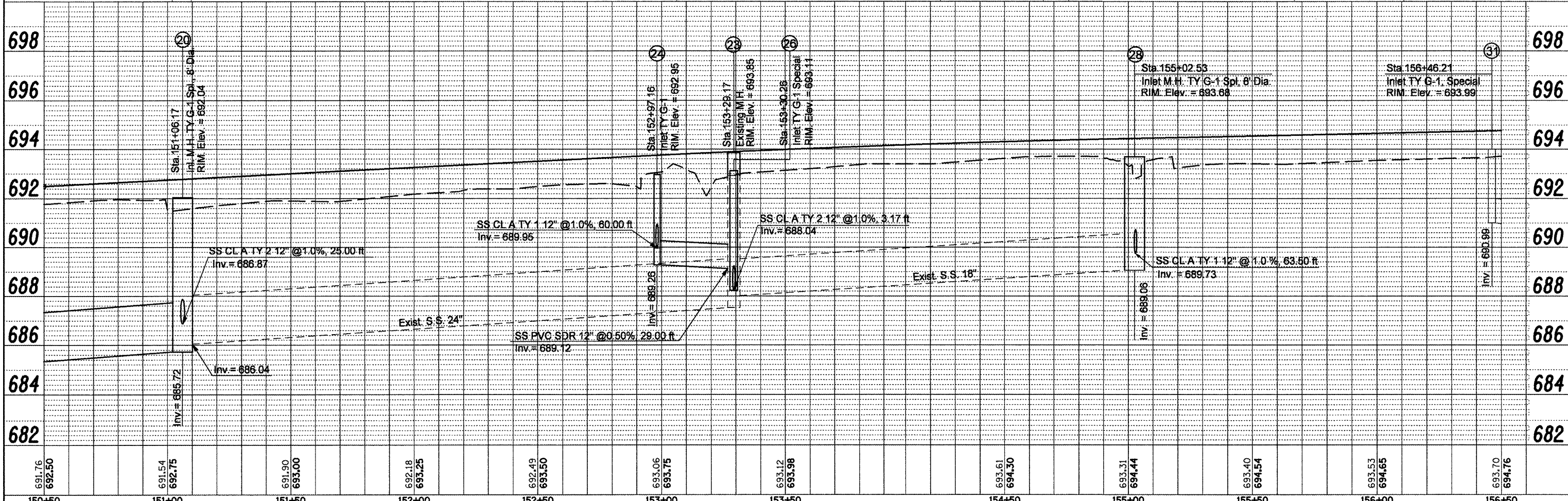
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REVISED	BY
NOTED	DATE
NO.	
NO.	
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NO.	

PROFILE	DATE
REVISED	BY
NOTED	DATE
NO.	
NO.	
NO.	
NO.	



- NOTES:**
1. For Side Streets and Lateral Sewers, see drainage structure schedule.
  2. Contractor shall install PVC sewer pipe in accordance with sewer - watermain separation requirements specified in "Standard Specifications for water & sewer main construction".
  3. All storm sewer is RCP unless otherwise specified.
  4. See Staging Plans for more Drainage Details.

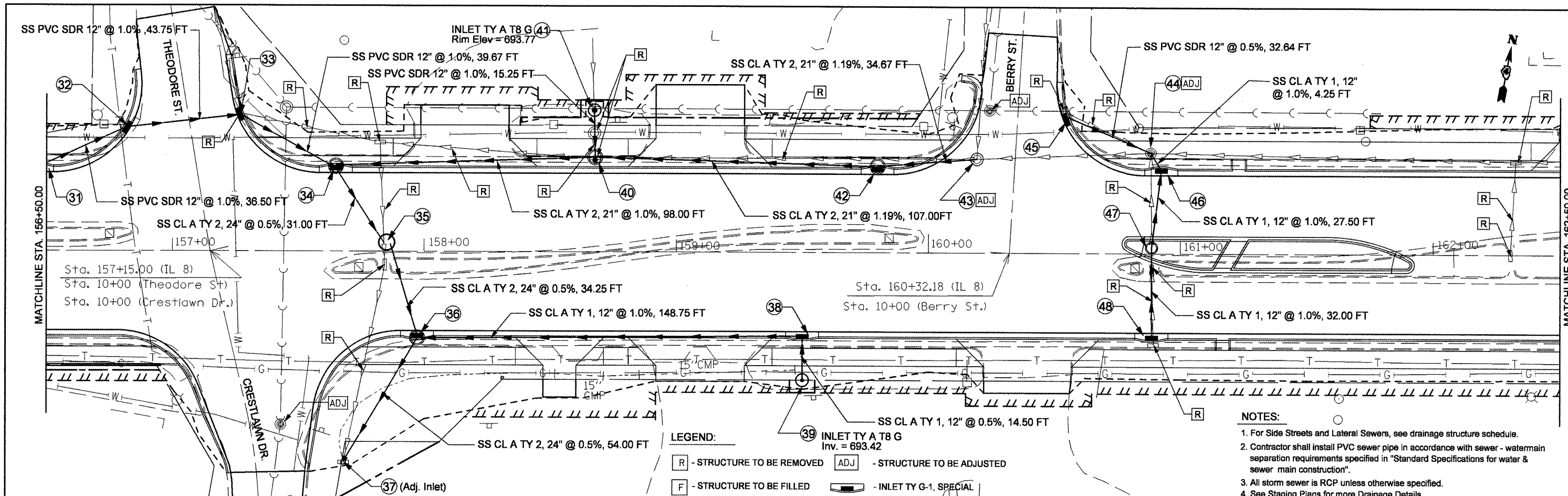
- LEGEND:**
- [R] - STRUCTURE TO BE REMOVED
  - [ADJ] - STRUCTURE TO BE ADJUSTED
  - [F] - STRUCTURE TO BE FILLED
  - [Symbol] - INLET TY G-1, SPECIAL



FILE NAME = copy of drainage plan lt.dgn	USER NAME = swisher-dh	DESIGNED -	REVISED -	<b>STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION</b>	<b>IL RTE 8 - DRAINAGE PLANS LT SIDE</b>	F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	
		DRAWN -	REVISED -			399	36 R-8	TAZEWELL	429	103	
		CHECKED -	REVISED -			CONTRACT NO. 68258					
		DATE -	REVISED -			SCALE:	SHEET NO.	OF	SHEETS	STA.	TO STA.

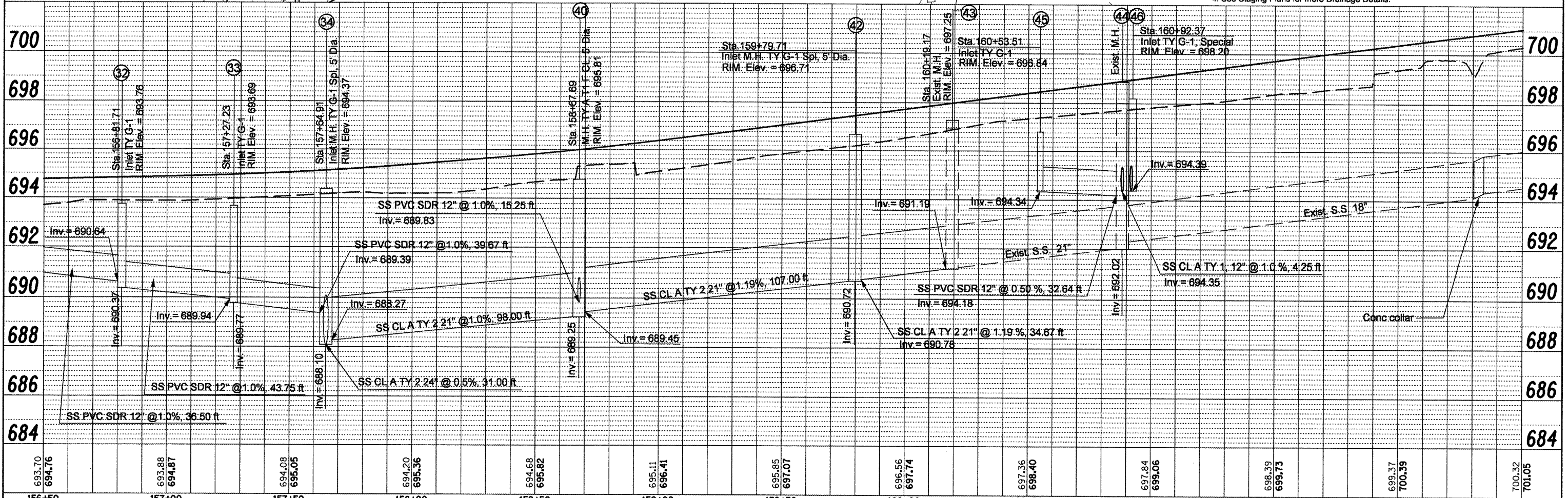
DATE	
BY	
REVISIONS	
PLANNED	
DESIGNED	
CHECKED	
IN CHARGE	
NO.	
FILE NAME	

DATE	
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REVISIONS	
PLANNED	
DESIGNED	
CHECKED	
IN CHARGE	
NO.	
FILE NAME	



**LEGEND:**  
 [R] - STRUCTURE TO BE REMOVED    [ADJ] - STRUCTURE TO BE ADJUSTED  
 [F] - STRUCTURE TO BE FILLED    [INLET TY G-1, SPECIAL]

- NOTES:**
- For Side Streets and Lateral Sewers, see drainage structure schedule.
  - Contractor shall install PVC sewer pipe in accordance with sewer - watermain separation requirements specified in "Standard Specifications for water & sewer main construction".
  - All storm sewer is RCP unless otherwise specified.
  - See Staging Plans for more Drainage Details.



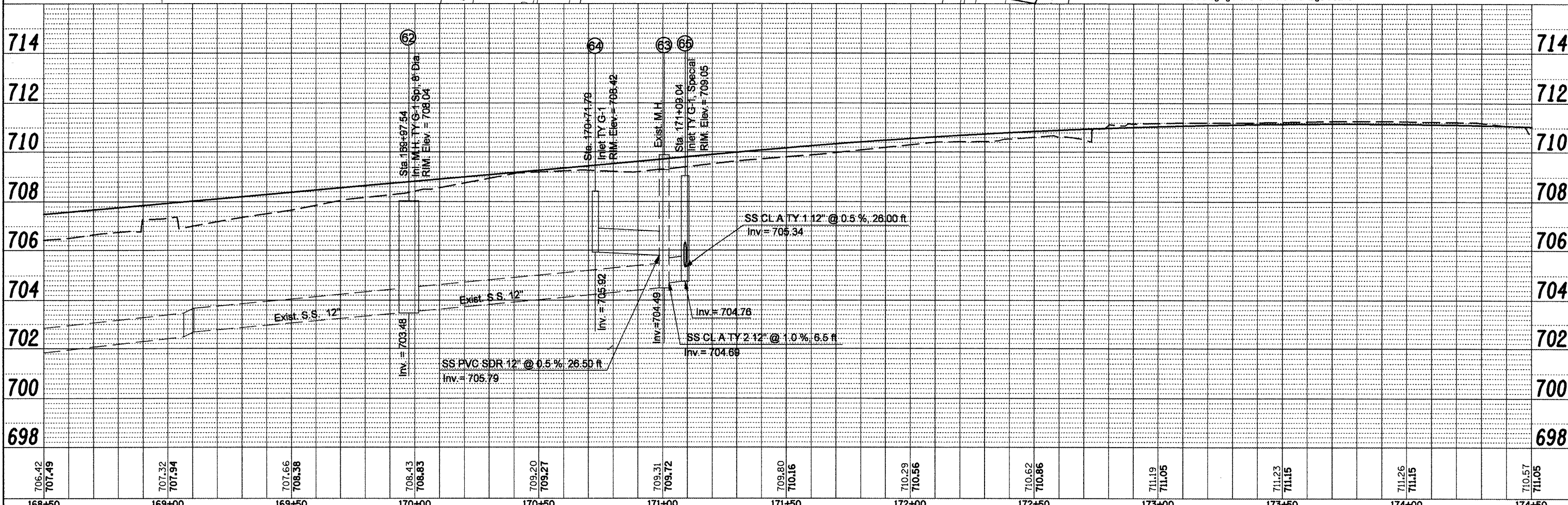
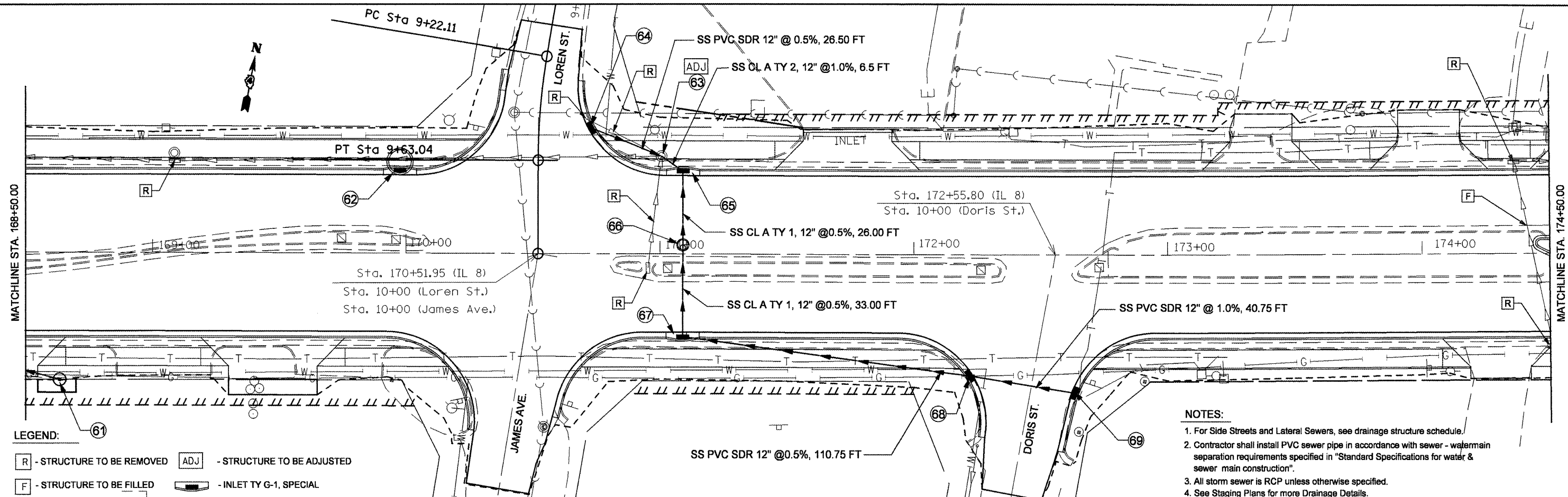
FILE NAME =	USER NAME = swisher-dh	DESIGNED -	REVISED -	STATE OF ILLINOIS	IL RTE 8 - DRAINAGE PLANS LT SIDE	F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
copy of drainage plan lt.dgn		DRAWN -	REVISED -	DEPARTMENT OF TRANSPORTATION		399	36 R-8	TAZEWELL	429	104
		PLOT SCALE = 40.0000' / IN.	CHECKED -							
		PLOT DATE = 12/11/2008	DATE -			SCALE:	SHEET NO. OF SHEETS	STA. TO STA.	CONTRACT NO. 68258	
									FED. ROAD DIST. NO. 4 ILLINOIS FED. AID PROJECT	





PLAN	SURVEYED	BY	DATE
	NOTED		
	ALIGNED		
	CHECKED		
	FILED		
	NO.		
	NO.		
	NO.		

PROFILE	SURVEYED	BY	DATE
	NOTED		
	GRADES		
	CHECKED		
	STRUCTURE		
	NOTATION		
	CHFD		
	NO.		
	NO.		
	NO.		



706.42 707.49	707.32 707.94	707.66 708.38	708.43 708.83	709.20 709.27	709.31 709.72	709.80 710.16	710.29 710.56	710.62 710.86	711.19 711.05	711.23 711.15	711.26 711.15	710.57 711.05
168+50	169+00	169+50	170+00	170+50	171+00	171+50	172+00	172+50	173+00	173+50	174+00	174+50

FILE NAME =  
copy of drainage plan lt.dgn

USER NAME = swisherdh  
 DESIGNED -  
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 CHECKED -  
 DATE -  
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STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION

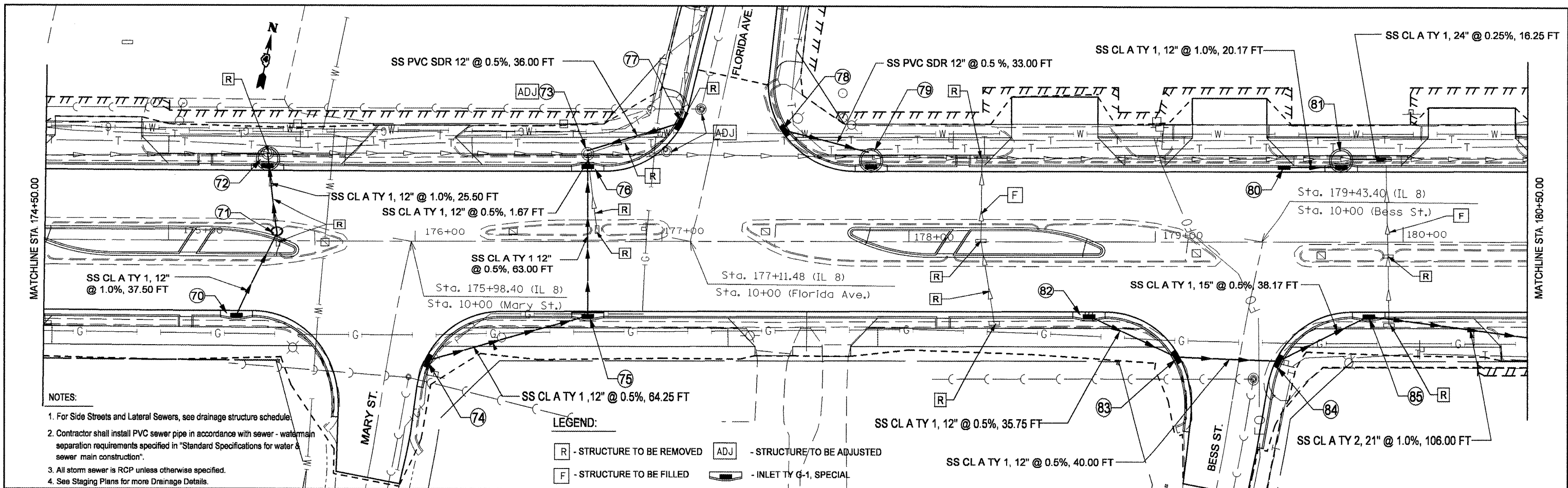
IL RTE 8 - DRAINAGE PLANS LT SIDE  
 SCALE: SHEET NO. OF SHEETS STA. TO STA.

F.A.P. RTE. 399	SECTION 36 R-8	COUNTY TAZEWELL	TOTAL SHEETS 429	SHEET NO. 106
CONTRACT NO. 68258				



DATE	
BY	
REVIEWED	
PLANNED	
NOTED	
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FILE NAME	

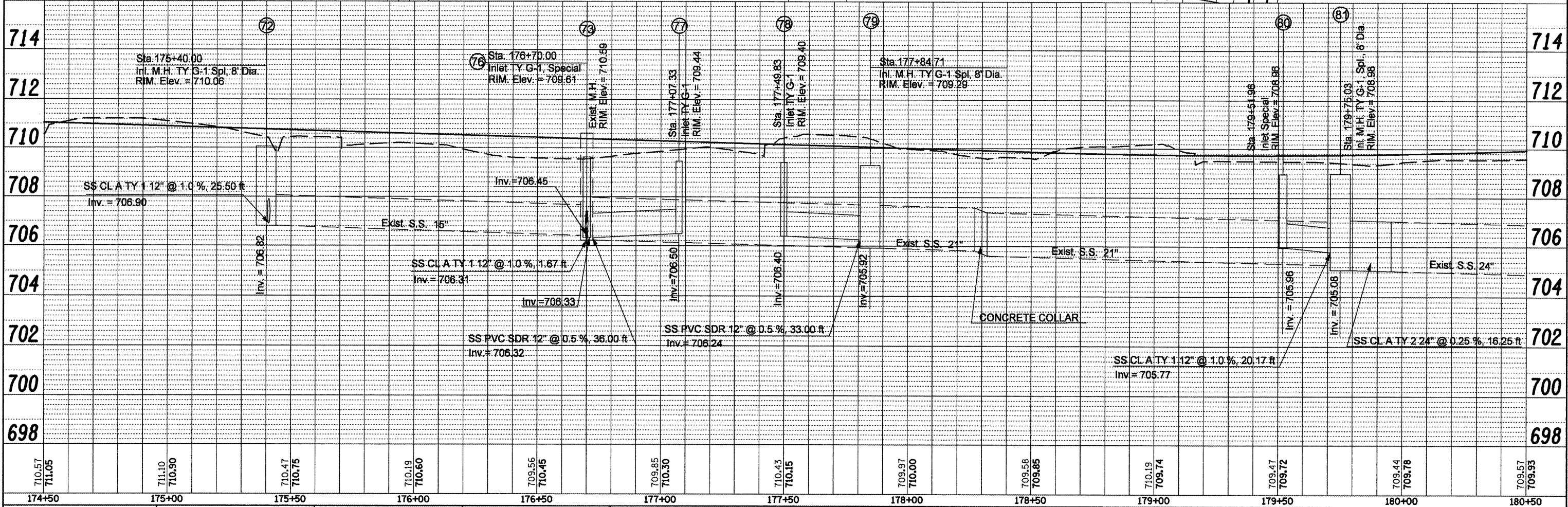
DATE	
BY	
REVIEWED	
PLANNED	
NOTED	
NO.	
FILE NAME	



- NOTES:
1. For Side Streets and Lateral Sewers, see drainage structure schedule.
  2. Contractor shall install PVC sewer pipe in accordance with sewer - watermain separation requirements specified in "Standard Specifications for water & sewer main construction".
  3. All storm sewer is RCP unless otherwise specified.
  4. See Staging Plans for more Drainage Details.

LEGEND:

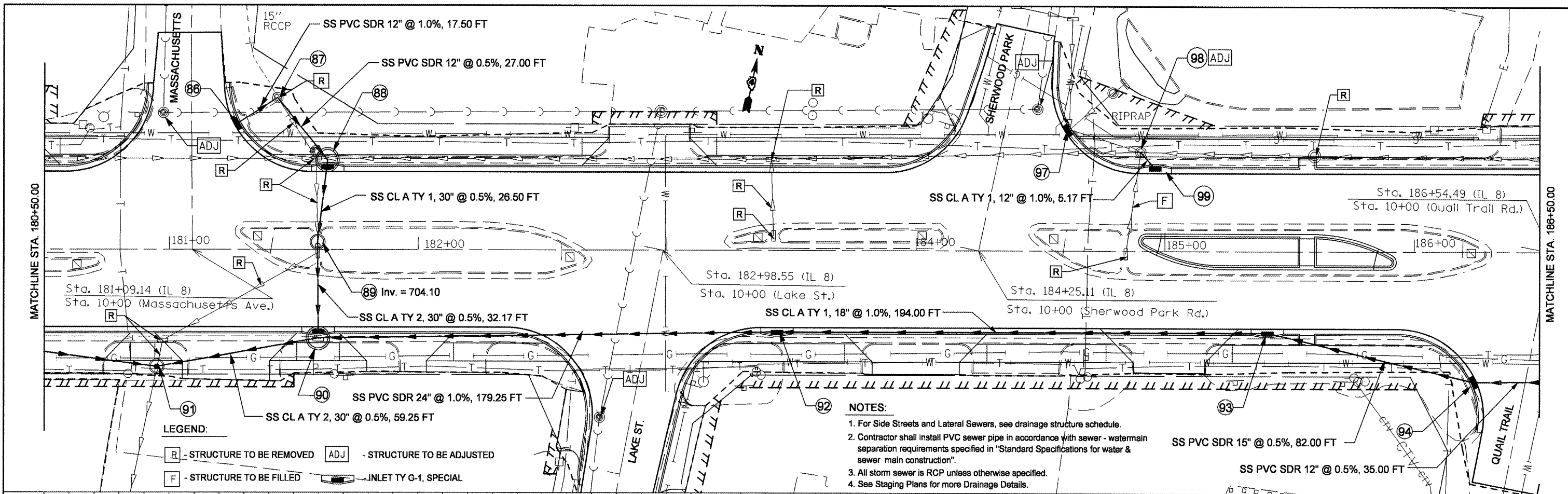
- R - STRUCTURE TO BE REMOVED
- ADJ - STRUCTURE TO BE ADJUSTED
- F - STRUCTURE TO BE FILLED
- INLET TY G-1, SPECIAL



FILE NAME =	USER NAME = swisherch	DESIGNED -	REVISED -	STATE OF ILLINOIS		IL RTE 8 - DRAINAGE PLANS LT SIDE		F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
copy of drainage plan lt.dgn		DRAWN -	REVISED -	DEPARTMENT OF TRANSPORTATION				399	36 R-8	TAZEWELL	429	107
		PLOT SCALE = 40.0000' / IN.	CHECKED -							CONTRACT NO. 68258		
		PLOT DATE = 12/11/2008	DATE -							FED. ROAD DIST. NO. 4 ILLINOIS FED. AID PROJECT		

PLAN	DESIGNED	DATE
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	FILE NAME	

PROFILE	DESIGNED	DATE
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	NOTED	
	ALIGNED	
	FILE NAME	

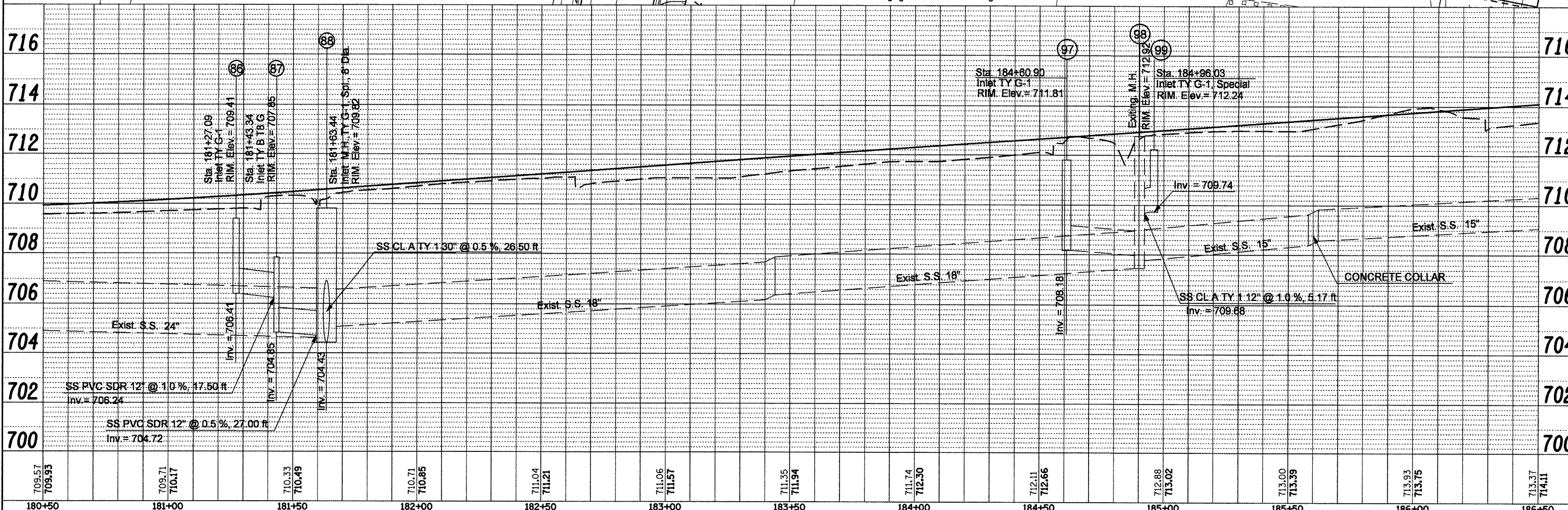


**LEGEND:**

- R - STRUCTURE TO BE REMOVED    ADJ - STRUCTURE TO BE ADJUSTED
- F - STRUCTURE TO BE FILLED    INLET TY G-1, SPECIAL

**NOTES:**

1. For Side Streets and Lateral Sewers, see drainage structure schedule.
2. Contractor shall install PVC sewer pipe in accordance with sewer - watermain separation requirements specified in "Standard Specifications for water & sewer main construction".
3. All storm sewer is RCP unless otherwise specified.
4. See Staging Plans for more Drainage Details.



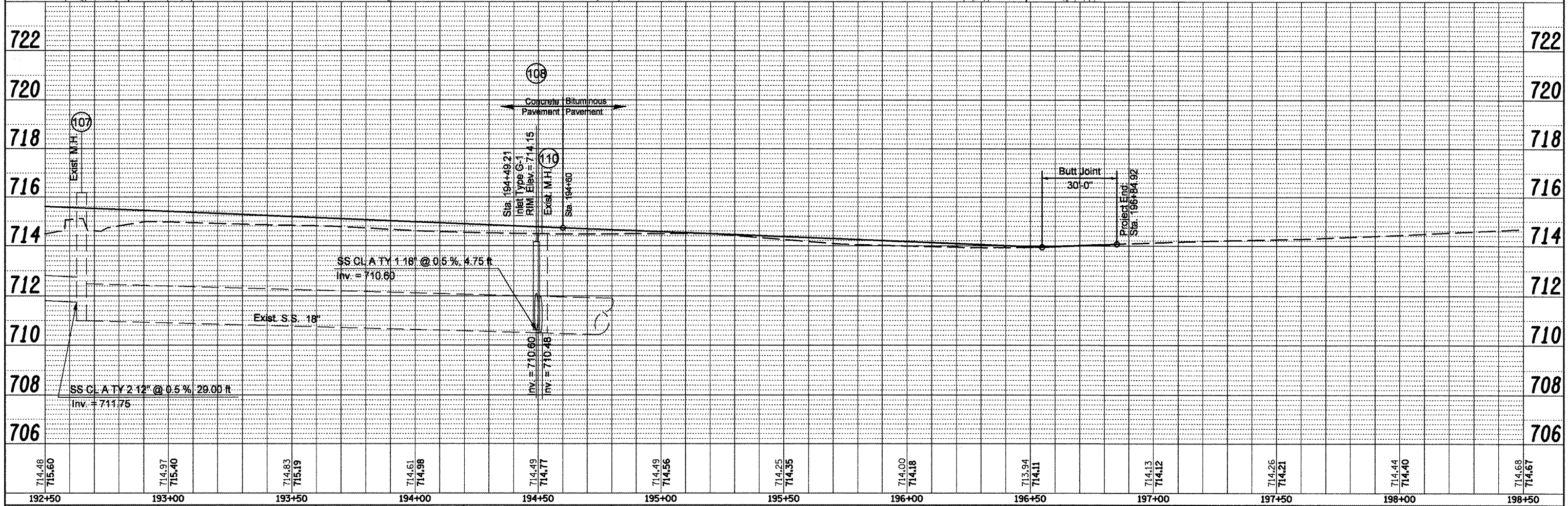
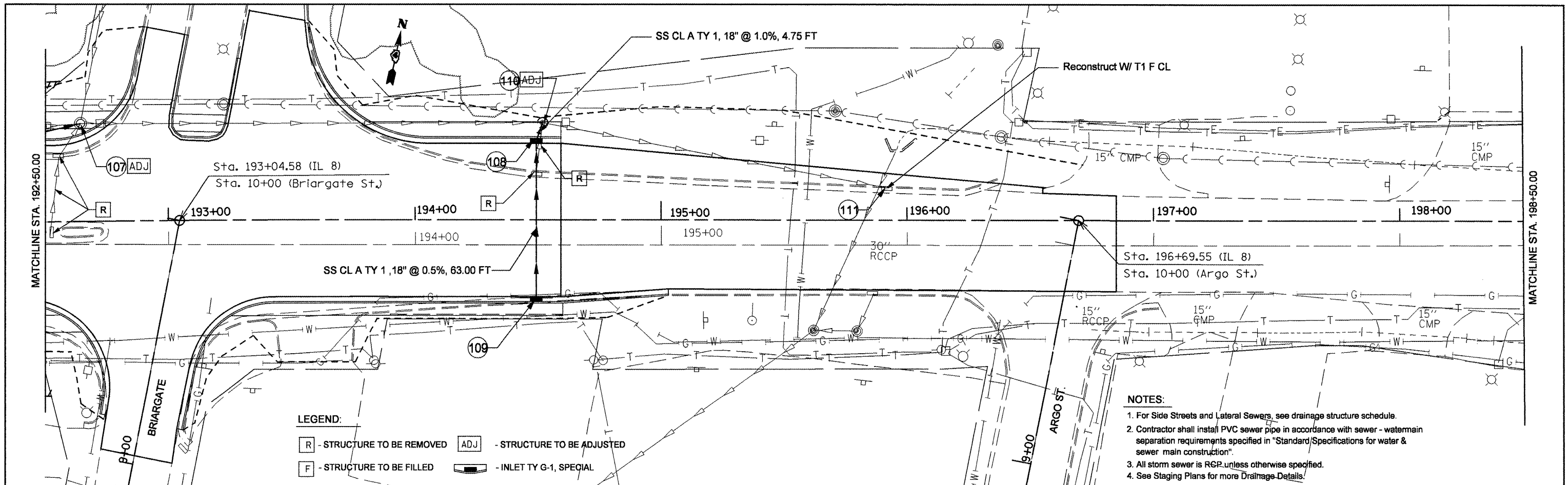
FILE NAME = copy of drainage plan lt.dgn	USER NAME = swisher-dh	DESIGNED -	REVISED -	<b>STATE OF ILLINOIS</b> <b>DEPARTMENT OF TRANSPORTATION</b>	<b>IL RTE 8 - DRAINAGE PLANS LT SIDE</b>				F.A.P RTE. 399	SECTION 36 R-8	COUNTY TAZEWELL	TOTAL SHEETS 429	SHEET NO. 108
		PLOT SCALE = 48.0000' / IN.	CHECKED -		REVISED -	SCALE:	SHEET NO. OF SHEETS	STA. TO STA.	FED. ROAD DIST. NO. 4 ILLINOIS FED. AID PROJECT CONTRACT NO. 68258				
PLOT DATE = 12/11/2008	DATE -	REVISED -	REVISED -										





DATE	
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REVISIONS	
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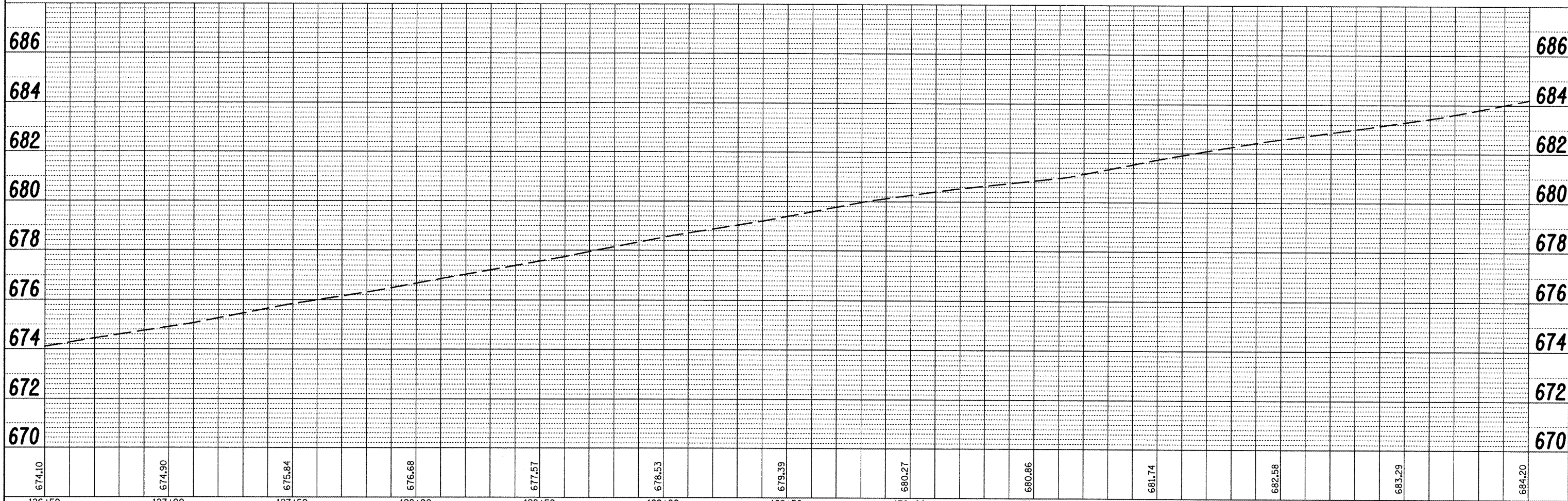
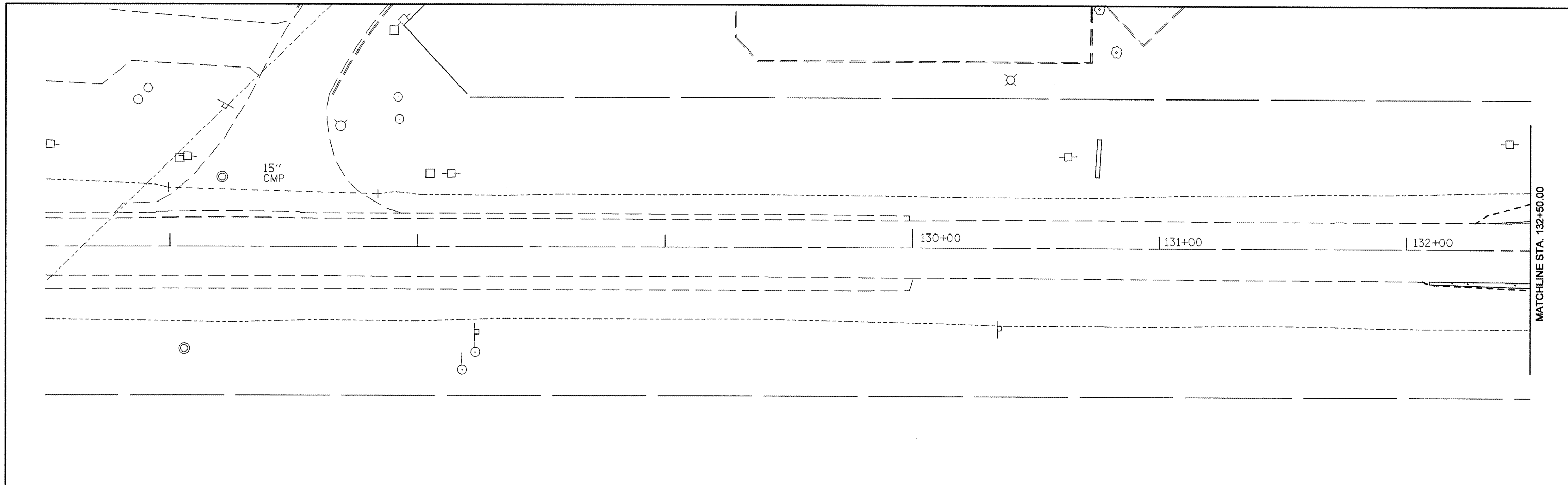


FILE NAME =	USER NAME = swisherdh	DESIGNED -	REVISED -	<b>STATE OF ILLINOIS</b> <b>DEPARTMENT OF TRANSPORTATION</b>	<b>IL RTE 8 - DRAINAGE PLANS LT SIDE</b>	F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	
copy of drainage plan lt.dgn		DRAWN -	REVISED -			399	36 R-8	TAZEWELL	429	110	
		CHECKED -	REVISED -			CONTRACT NO. 68258					
		DATE -	REVISED -			FED. ROAD DIST. NO. 4 ILLINOIS FED. AID PROJECT					
				SCALE:	SHEET NO. OF SHEETS	STA.	TO STA.				



PLAN	SURVEYED	DATE
	PLOTTED	BY
	NOTE BOOK	
	NO.	
	FILE NAME	

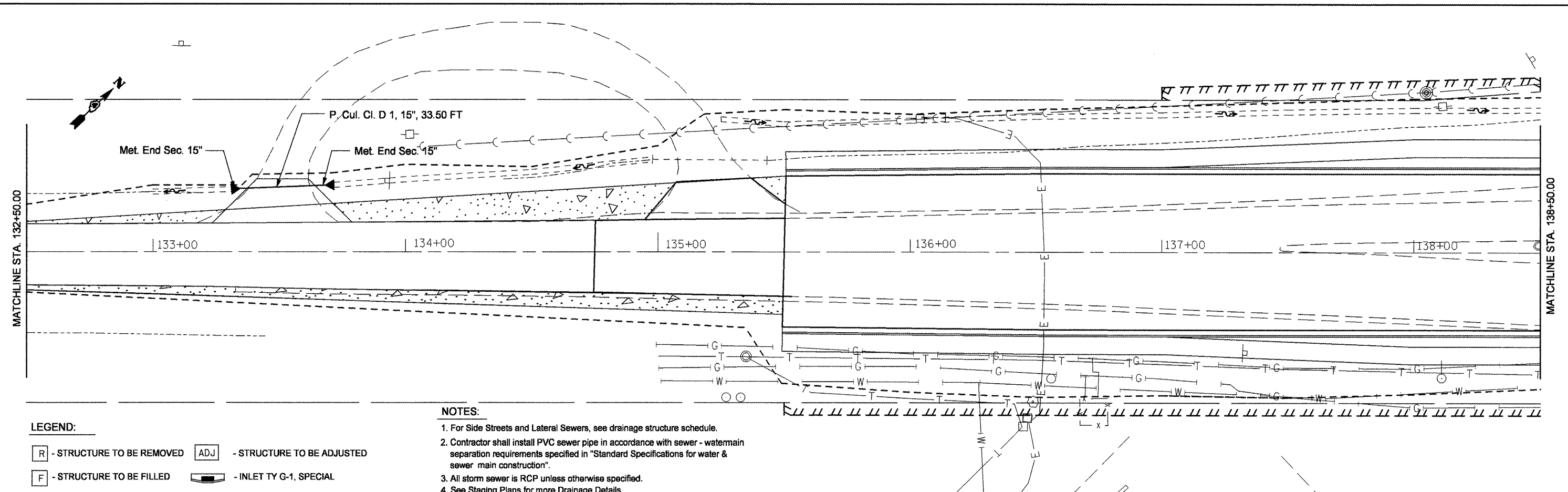
PROFILE	SURVEYED	DATE
	PLOTTED	BY
	NOTE BOOK	
	NO.	
	FILE NAME	



FILE NAME = copy of drainage plan rt.dgn	USER NAME = swisherdh	DESIGNED -	REVISED -	<b>STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION</b>	<b>IL RTE 8 - DRAINAGE PLANS RT SIDE</b>	F.A.P. RTE. 399	SECTION 36 R-8	COUNTY TAZEWELL	TOTAL SHEETS 429	SHEET NO. 111	
	PLOT SCALE = 40.0000' / IN.	DRAWN -	REVISED -			CONTRACT NO. 68258		FED. ROAD DIST. NO. 4 [ILLINOIS] FED. AID PROJECT			
	PLOT DATE = 12/11/2008	CHECKED -	REVISED -			SCALE:	SHEET NO. OF SHEETS STA. TO STA.				
		DATE -	REVISED -								

PLAN	SUBMITTED	DATE
NOTE BOOK	PLOTTED	
NO.	ALIGNMENT CHECKED	
	CADD FILE NAME	

PROFILE	SUBMITTED	DATE
NOTE BOOK	PLOTTED	
NO.	GRADES CHECKED	
	STRUCTURE NOTATION CHKD	



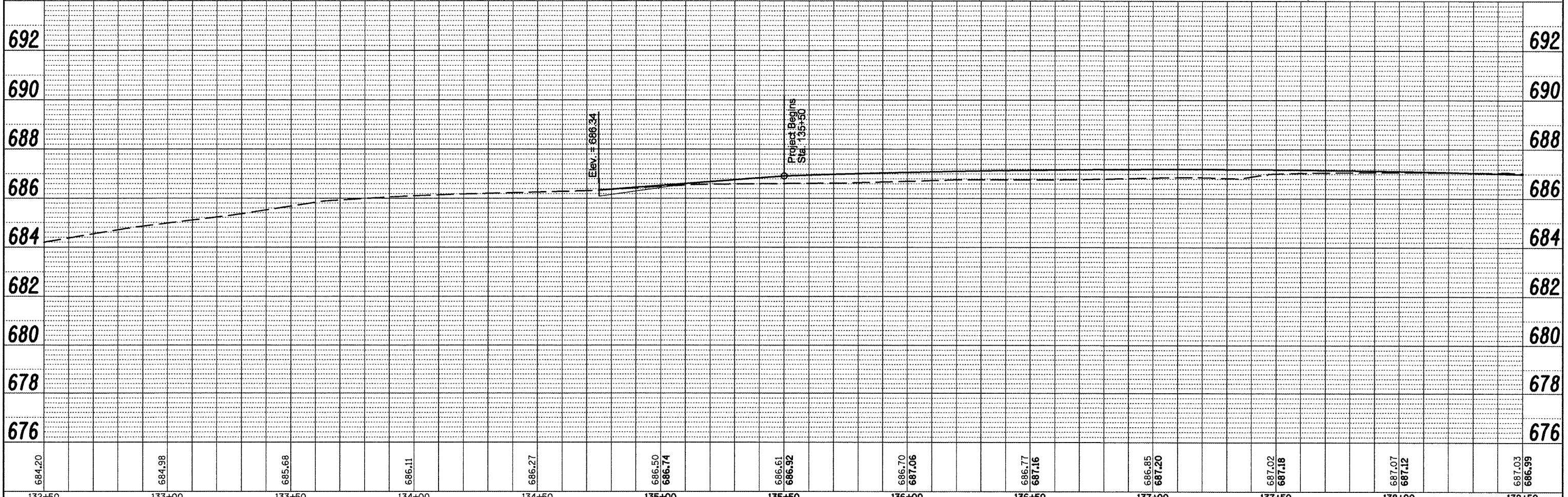
**LEGEND:**

[R] - STRUCTURE TO BE REMOVED    [ADJ] - STRUCTURE TO BE ADJUSTED

[F] - STRUCTURE TO BE FILLED    [Symbol] - INLET TY G-1, SPECIAL

**NOTES:**

1. For Side Streets and Lateral Sewers, see drainage structure schedule.
2. Contractor shall install PVC sewer pipe in accordance with sewer - watermain separation requirements specified in "Standard Specifications for water & sewer main construction".
3. All storm sewer is RCP unless otherwise specified.
4. See Staging Plans for more Drainage Details.

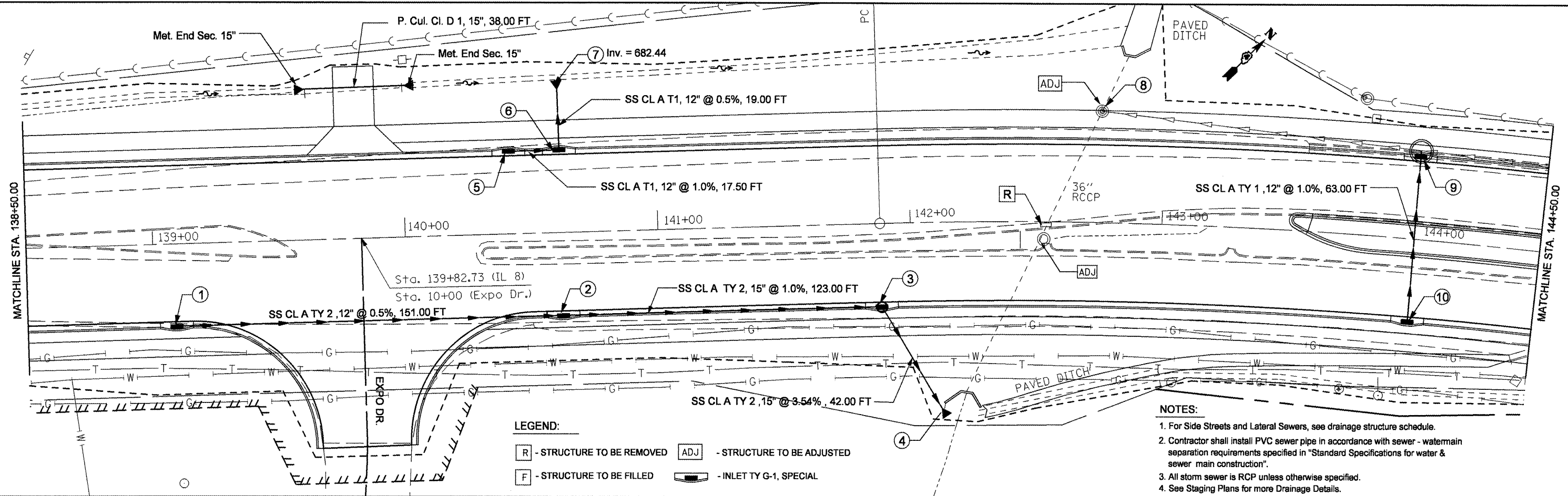


FILE NAME = copy of drainage plan r.t.dgn	USER NAME = awisherdh	DESIGNED -	REVISED -	<b>STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION</b>	<b>IL RTE 8 - DRAINAGE PLANS RT SIDE</b>	F.A.P. RTE. 399	SECTION 36 R-8	COUNTY TAZEWELL	TOTAL SHEETS 429	SHEET NO. 112
PLOT SCALE = 40.0000' / IN.	DRAWN -	REVISED -	CONTRACT NO. 68258							
PLOT DATE = 12/11/2008	CHECKED -	REVISED -								
	DATE -	REVISED -								
SCALE: SHEET NO. OF SHEETS STA. TO STA.						FED. ROAD DIST. NO. 4 ILLINOIS FED. AID PROJECT				



DATE	
BY	
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FILE NAME	

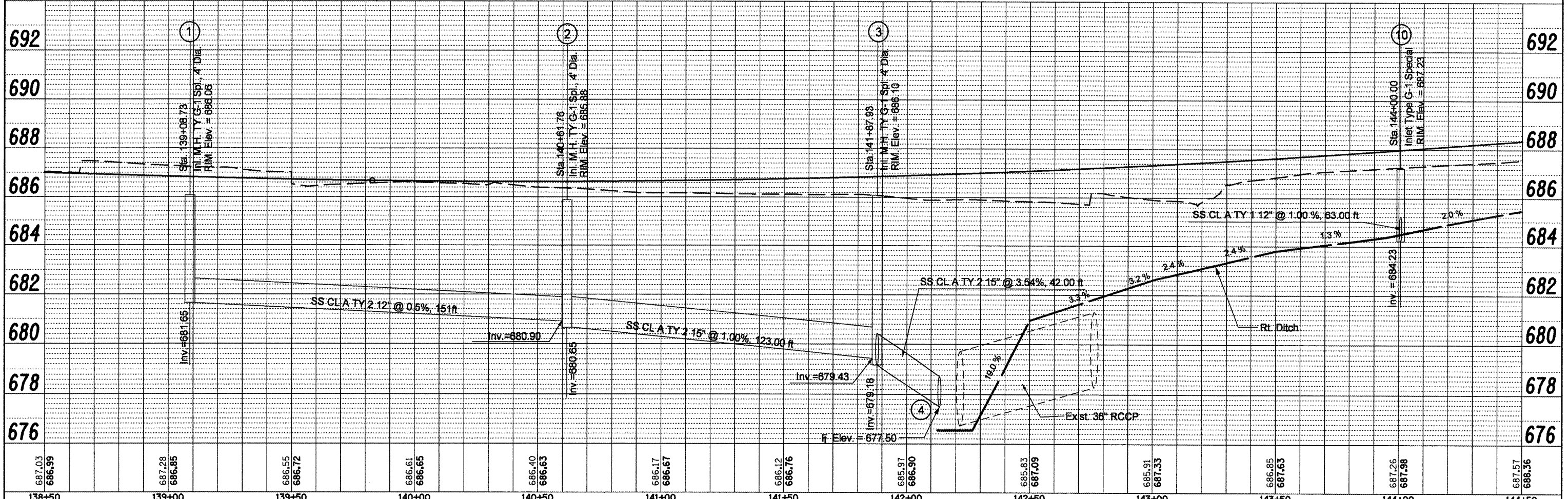


**LEGEND:**

- R - STRUCTURE TO BE REMOVED
- ADJ - STRUCTURE TO BE ADJUSTED
- F - STRUCTURE TO BE FILLED
- INLET TY G-1, SPECIAL

**NOTES:**

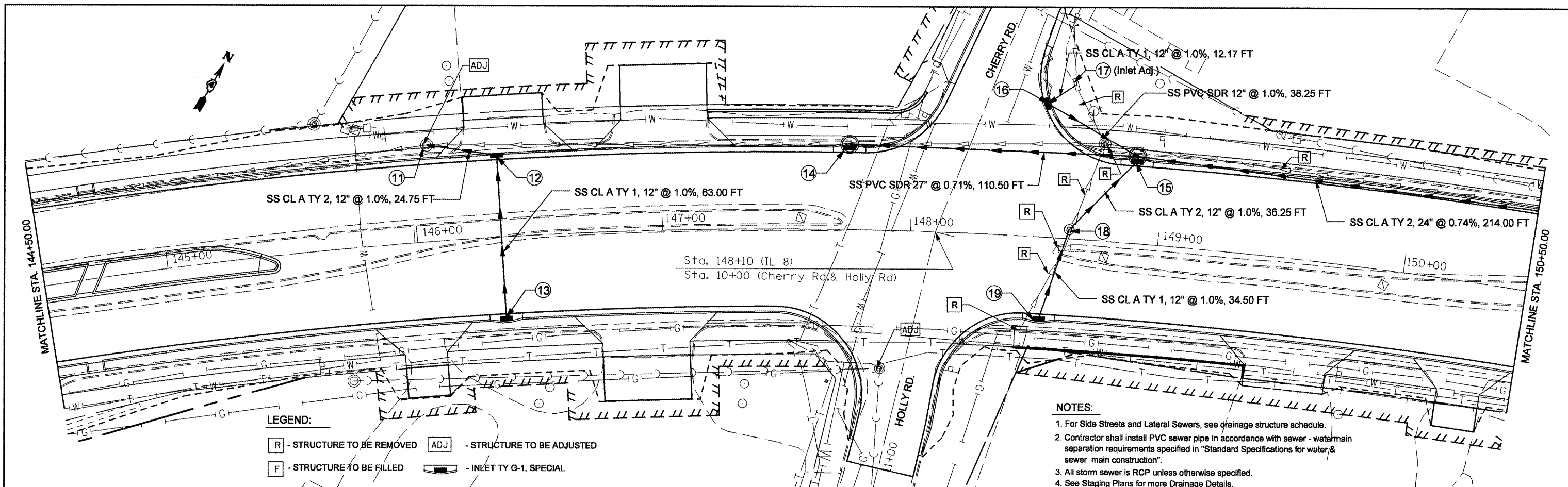
1. For Side Streets and Lateral Sewers, see drainage structure schedule.
2. Contractor shall install PVC sewer pipe in accordance with sewer - watermain separation requirements specified in "Standard Specifications for water & sewer main construction".
3. All storm sewer is RCCP unless otherwise specified.
4. See Staging Plans for more Drainage Details.



FILE NAME =	USER NAME = swisher-dh	DESIGNED -	REVISED -	<b>STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION</b>	<b>IL RTE 8 - DRAINAGE PLANS RT SIDE</b>	F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	
copy of drainage plan rtd.dgn		DRAWN -	REVISED -			399	36 R-8	TAZEWELL	429	113	
PLOT SCALE = 40.0000' / IN.		CHECKED -	REVISED -			CONTRACT NO. 68258					
PLOT DATE = 12/11/2008		DATE -	REVISED -			SCALE:	SHEET NO.	OF	SHEETS	STA.	TO STA.

PLAN	SURVEYED	CHECKED
	PLOTTED	ALIGNED
	NOTED	FILED
	NO.	NO.
	DATE	DATE

PROFILE	SURVEYED	CHECKED
	PLOTTED	ALIGNED
	NOTED	FILED
	NO.	NO.
	DATE	DATE

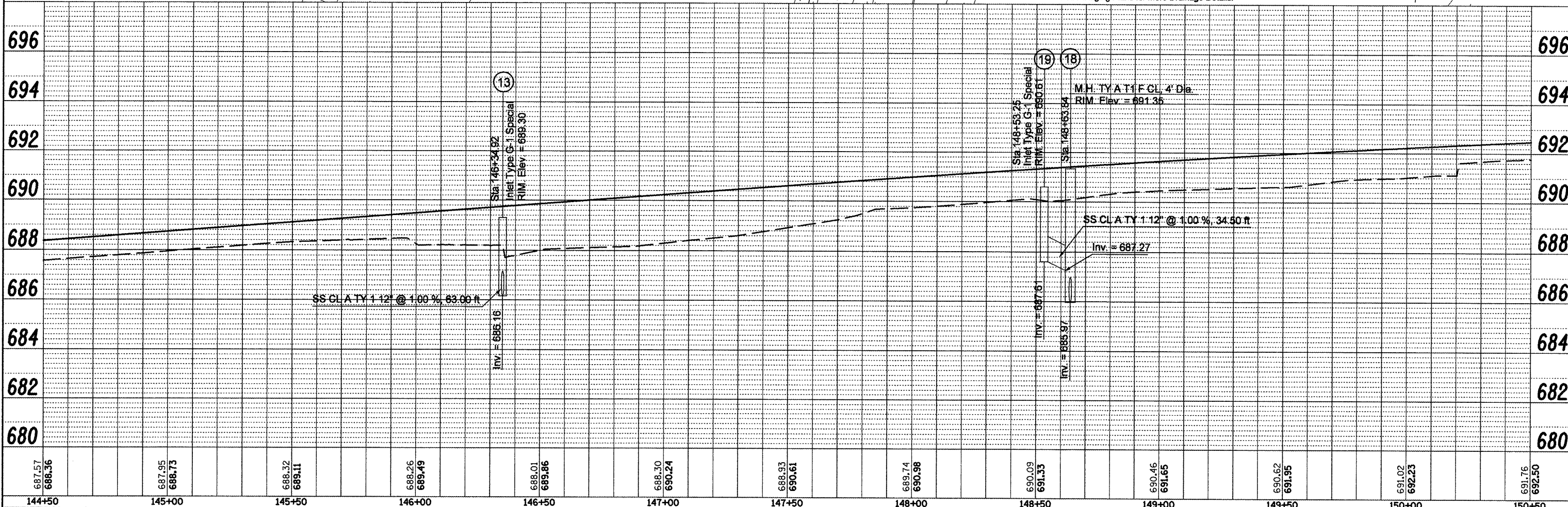


**LEGEND:**

- [R] - STRUCTURE TO BE REMOVED
- [ADJ] - STRUCTURE TO BE ADJUSTED
- [F] - STRUCTURE TO BE FILLED
- [Symbol] - INLET TY G-1, SPECIAL

**NOTES:**

1. For Side Streets and Lateral Sewers, see drainage structure schedule.
2. Contractor shall install PVC sewer pipe in accordance with sewer - watermain separation requirements specified in "Standard Specifications for water & sewer main construction".
3. All storm sewer is RCP unless otherwise specified.
4. See Staging Plans for more Drainage Details.

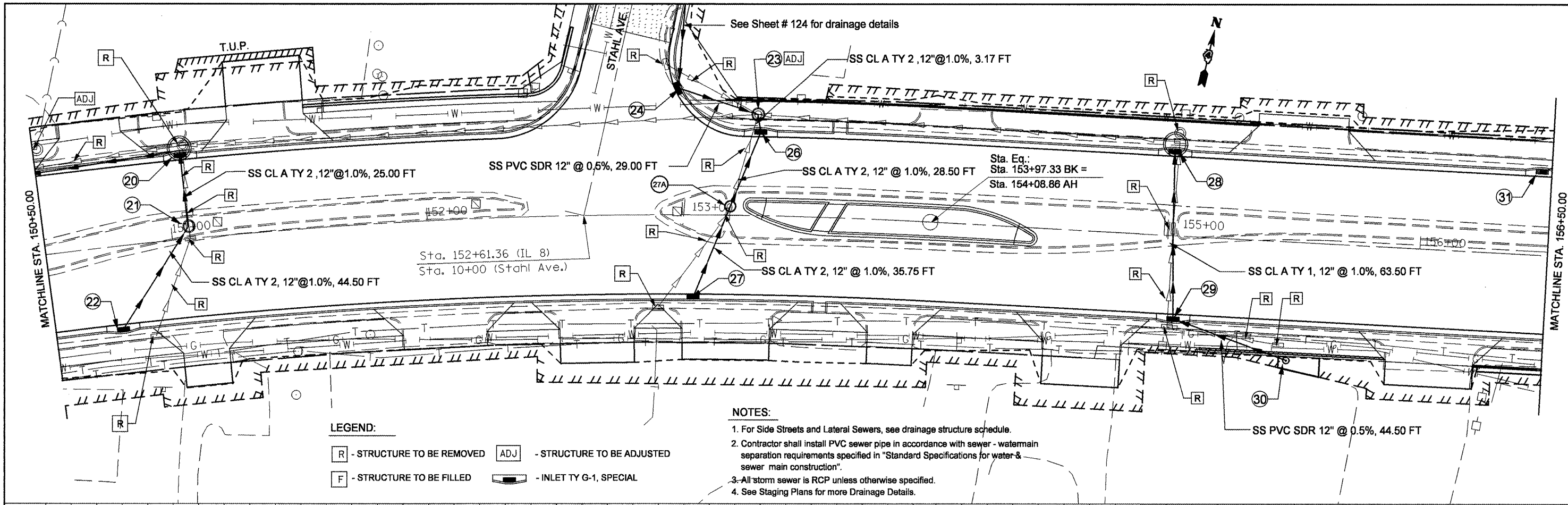


FILE NAME = copy of drainage plan r.t.dgn	USER NAME = swisher-dh	DESIGNED -	REVISED -	<b>STATE OF ILLINOIS</b> <b>DEPARTMENT OF TRANSPORTATION</b>	<b>IL RTE 8 - DRAINAGE PLANS RT SIDE</b>	F.A.P. RTE. 399	SECTION 36 R-8	COUNTY TAZEWELL	TOTAL SHEETS 429	SHEET NO. 114		
PLDT SCALE = 40.0000' / IN.	CHECKED -	REVISED -	SCALE:			SHEET NO. OF SHEETS	STA. TO STA.	CONTRACT NO. 68258				
PLDT DATE = 12/11/2008	DATE -	REVISED -										
FED. ROAD DIST. NO. 4 ILLINOIS FED. AID PROJECT												



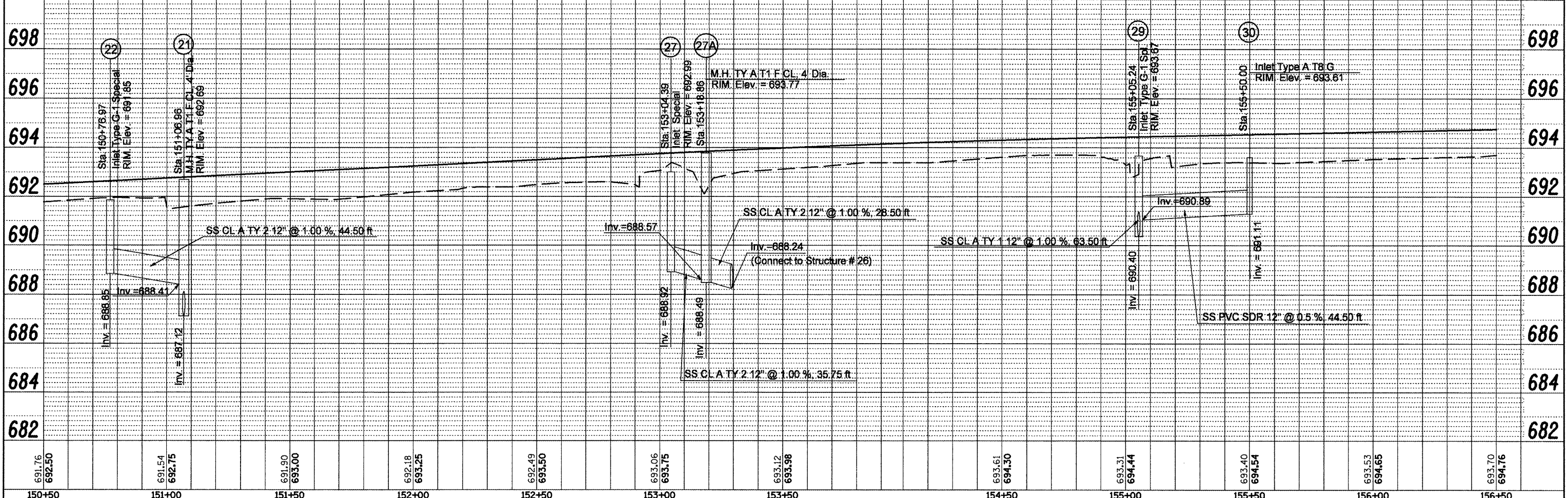
PLAN	DATE
DESIGNED	BY
DRAWN	BY
CHECKED	BY
REVISIONS	BY
NO.	DATE
FILE NAME	

PROFILE	DATE
DESIGNED	BY
DRAWN	BY
CHECKED	BY
REVISIONS	BY
NO.	DATE
FILE NAME	



- LEGEND:**
- [R] - STRUCTURE TO BE REMOVED
  - [ADJ] - STRUCTURE TO BE ADJUSTED
  - [F] - STRUCTURE TO BE FILLED
  - [Symbol] - INLET TY G-1, SPECIAL

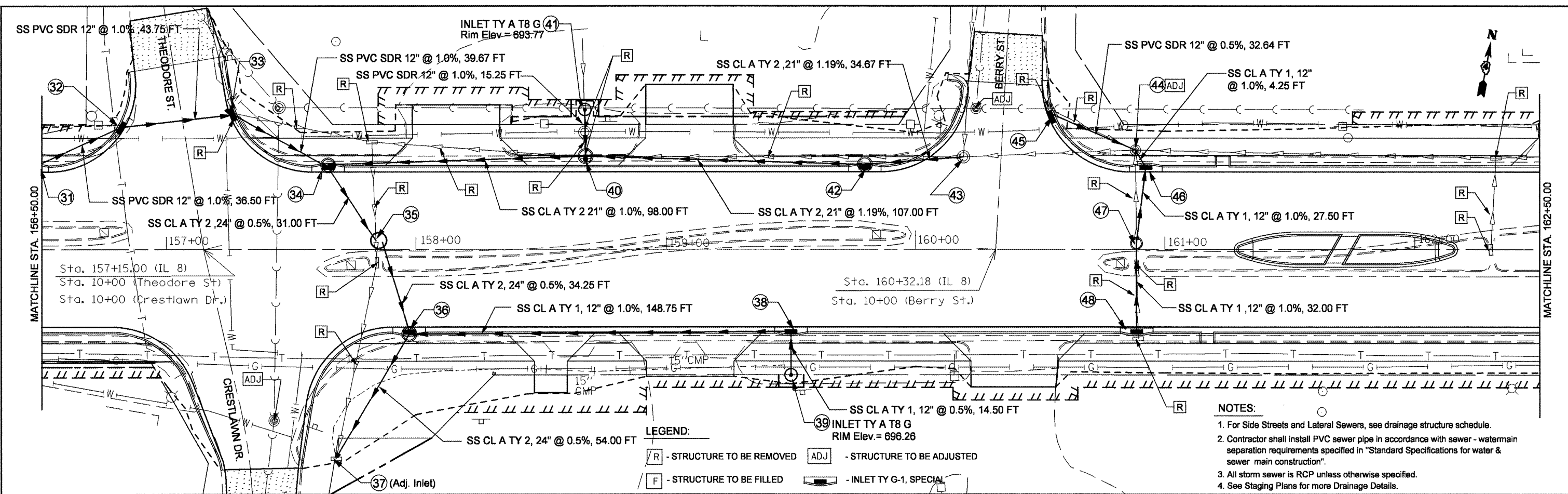
- NOTES:**
1. For Side Streets and Lateral Sewers, see drainage structure schedule.
  2. Contractor shall install PVC sewer pipe in accordance with sewer - watermain separation requirements specified in "Standard Specifications for water & sewer main construction".
  3. All storm sewer is RCP unless otherwise specified.
  4. See Staging Plans for more Drainage Details.



FILE NAME =	USER NAME = crespole	DESIGNED -	REVISED -	STATE OF ILLINOIS	IL RTE 8 - DRAINAGE PLANS RT SIDE	F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
copy of drainage plan r.t.dgn		DRAWN -	REVISED -	DEPARTMENT OF TRANSPORTATION		399	36 R-8	TAZEWELL	429	115
	PLOT SCALE = 48.0000' / IN.	CHECKED -	REVISED -		SCALE:				CONTRACT NO. 68258	
	PLOT DATE = 12/24/2008	DATE -	REVISED -		SHEET NO. OF SHEETS STA. TO STA.					

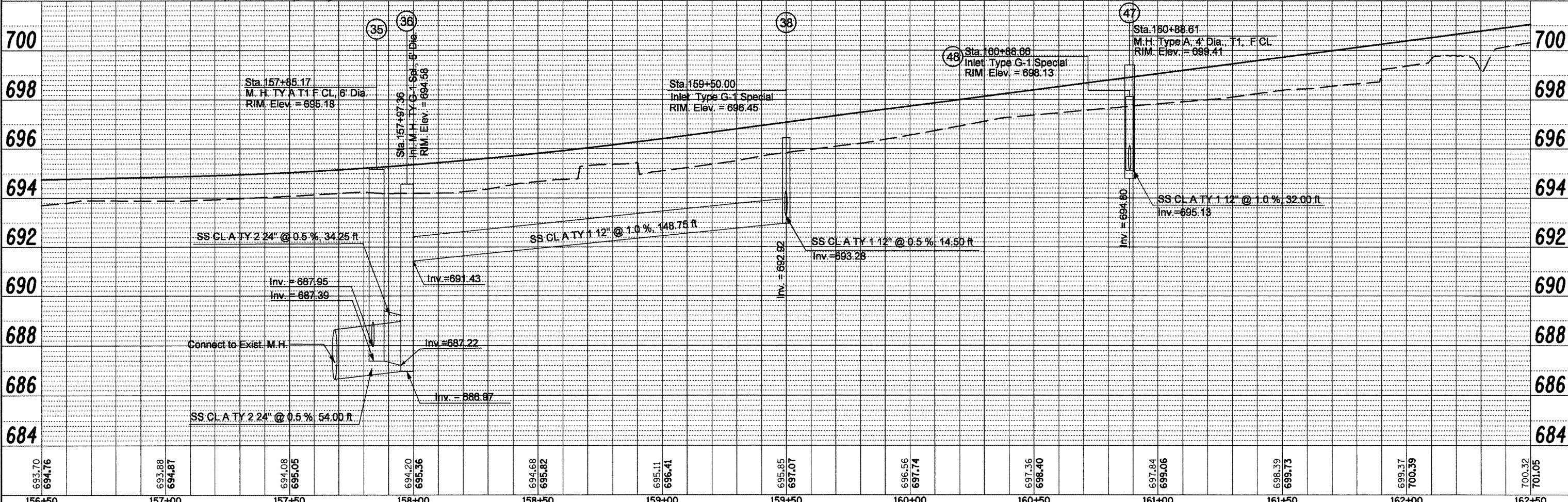
PLAN	SUBMITTED	DATE
	PLOTTED	
	CHECKED	
	BY	
	NO.	
	FILE NAME	

PROFILE	SUBMITTED	DATE
	PLOTTED	
	CHECKED	
	BY	
	NO.	
	NOTATION	



**LEGEND:**  
 [R] - STRUCTURE TO BE REMOVED  
 [ADJ] - STRUCTURE TO BE ADJUSTED  
 [F] - STRUCTURE TO BE FILLED  
 [INLET TY G-1, SPECIAL]

- NOTES:**
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  - See Staging Plans for more Drainage Details.



693.70 694.76	693.88 694.87	694.08 695.05	694.20 695.36	694.68 695.82	695.11 696.41	695.85 697.07	696.56 697.74	697.36 698.40	697.84 699.06	698.39 699.73	699.37 700.39	700.32 701.05
156+50	157+00	157+50	158+00	158+50	159+00	159+50	160+00	160+50	161+00	161+50	162+00	162+50

FILE NAME =  
 copy of drainage plan r1.dgn

USER NAME = crespole  
 DESIGNED -  
 DRAWN -  
 CHECKED -  
 DATE -

REVISOR -  
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**STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION**

**IL RTE 8 - DRAINAGE PLANS RT SIDE**

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

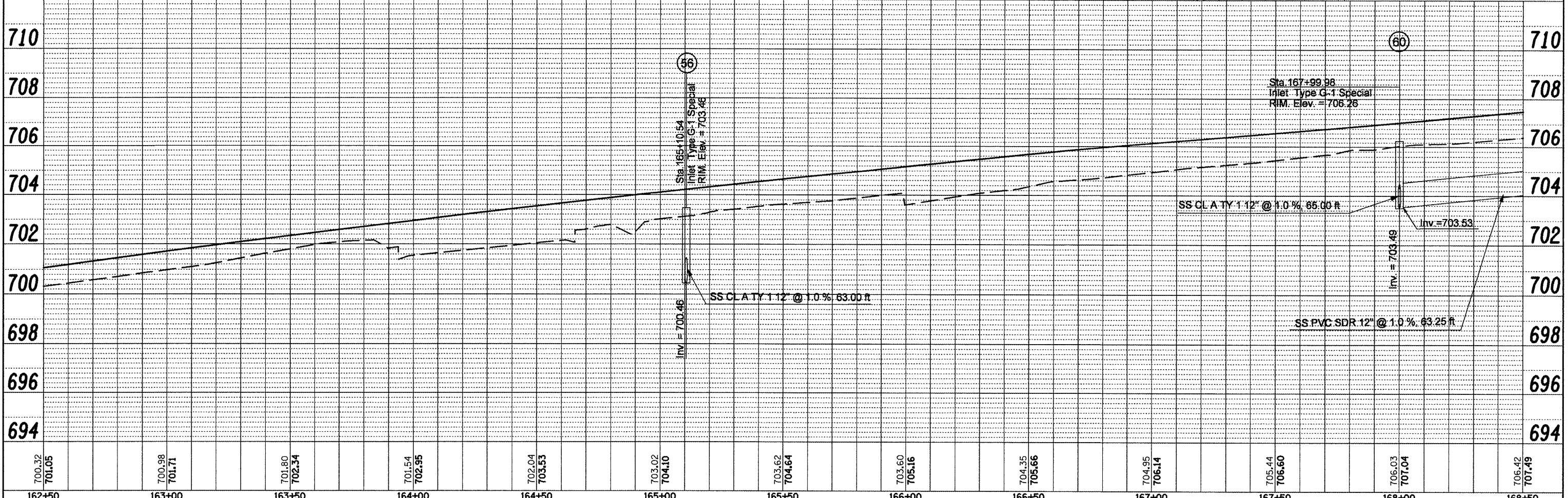
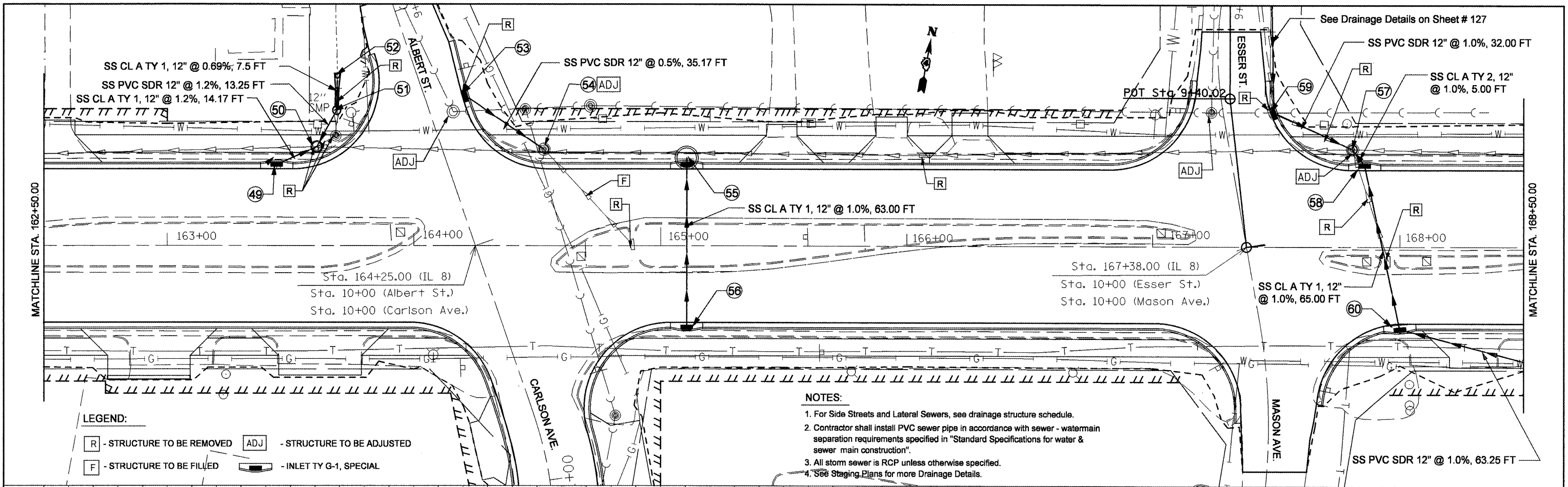
F.A.P. RTE. 399	SECTION 36 R-8	COUNTY TAZEWELL	TOTAL SHEETS 429	SHEET NO. 116
CONTRACT NO. 68258				

FED. ROAD DIST. NO. 4 [ILLINOIS] FED. AID PROJECT



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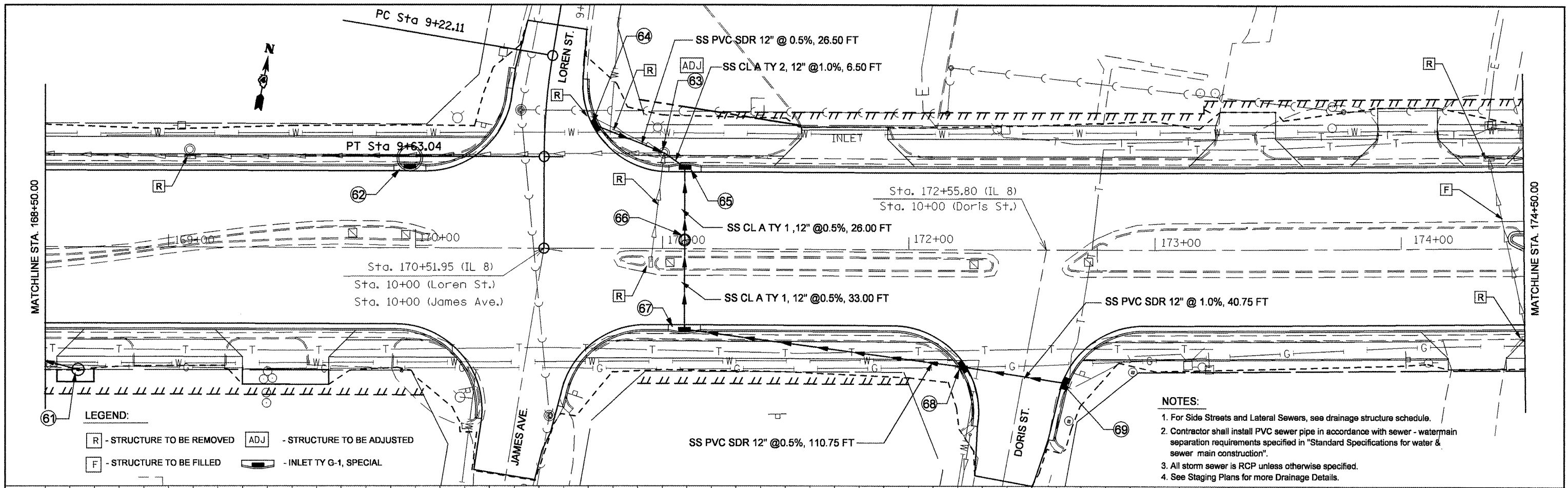
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FILE NAME = copy of drainage plan - r.t.dgn	USER NAME = crespole	DESIGNED -	REVISED -	<b>STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION</b>	<b>IL RTE 8 - DRAINAGE PLANS RT SIDE</b>	F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	
		DRAWN -	REVISED -			399	36 R-8	TAZEWELL	429	117	
		CHECKED -	REVISED -			CONTRACT NO. 68258					
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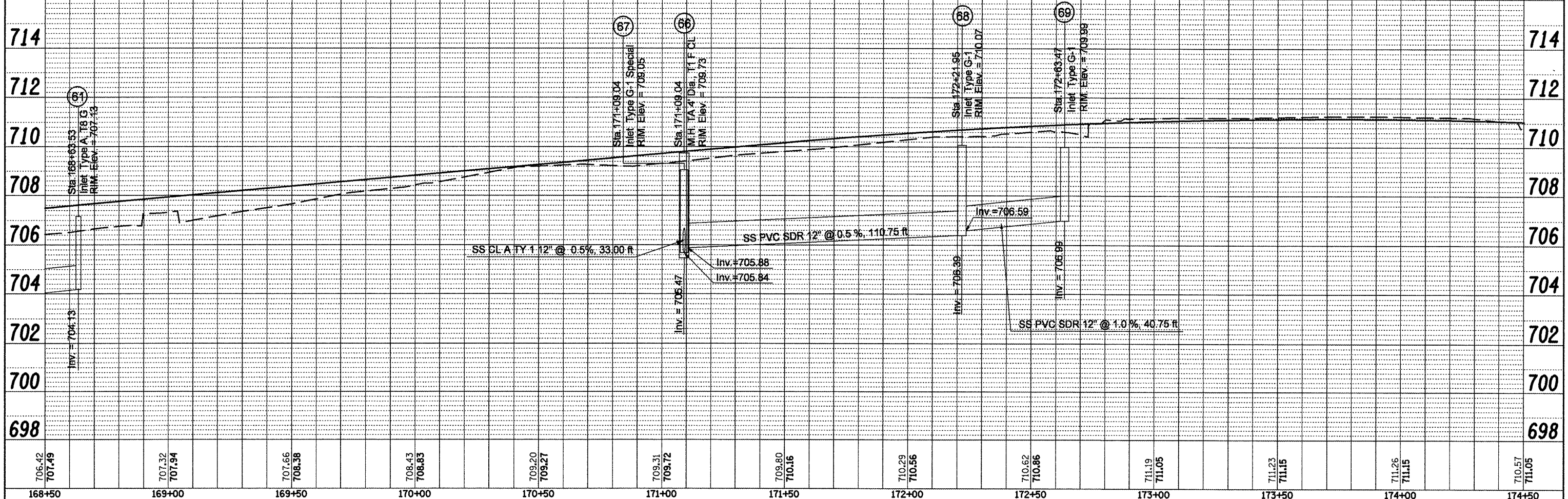


**LEGEND:**

(R) - STRUCTURE TO BE REMOVED    (ADJ) - STRUCTURE TO BE ADJUSTED  
(F) - STRUCTURE TO BE FILLED    (INLET TY G-1, SPECIAL)

**NOTES:**

1. For Side Streets and Lateral Sewers, see drainage structure schedule.
2. Contractor shall install PVC sewer pipe in accordance with sewer - watermain separation requirements specified in "Standard Specifications for water & sewer main construction".
3. All storm sewer is RCP unless otherwise specified.
4. See Staging Plans for more Drainage Details.



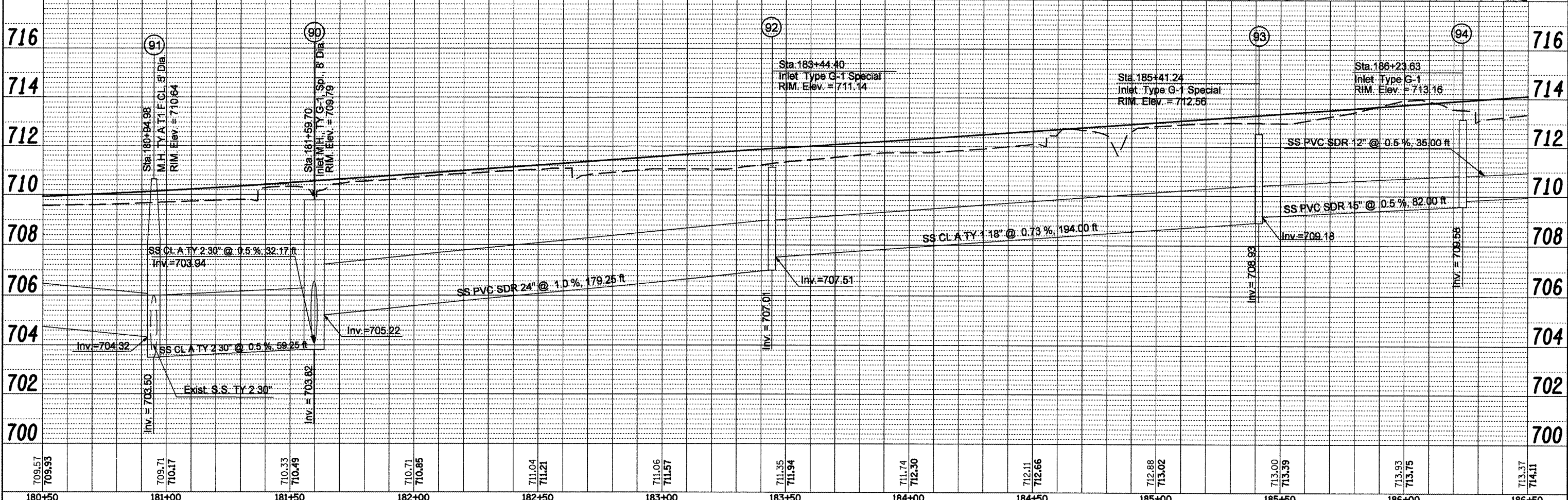
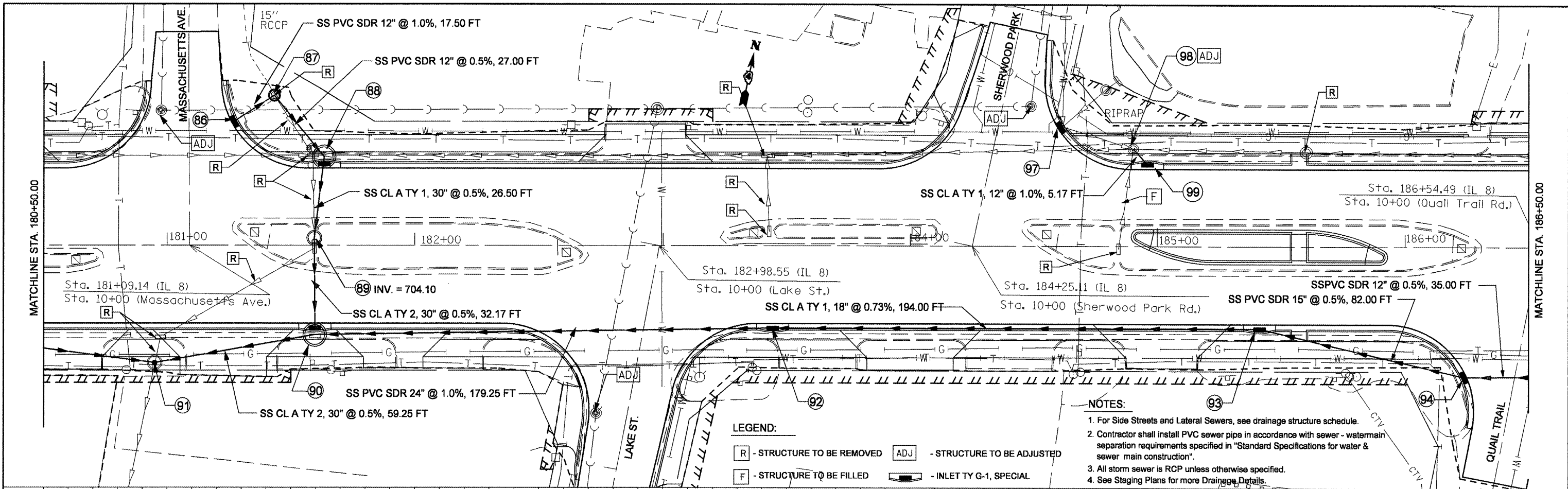
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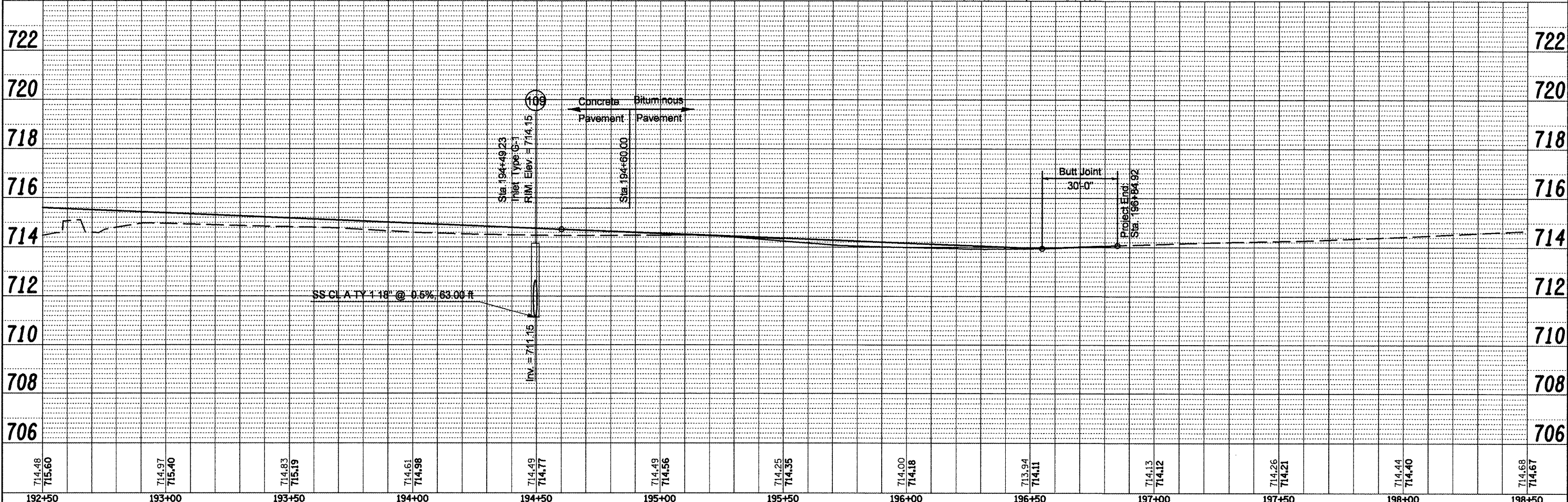
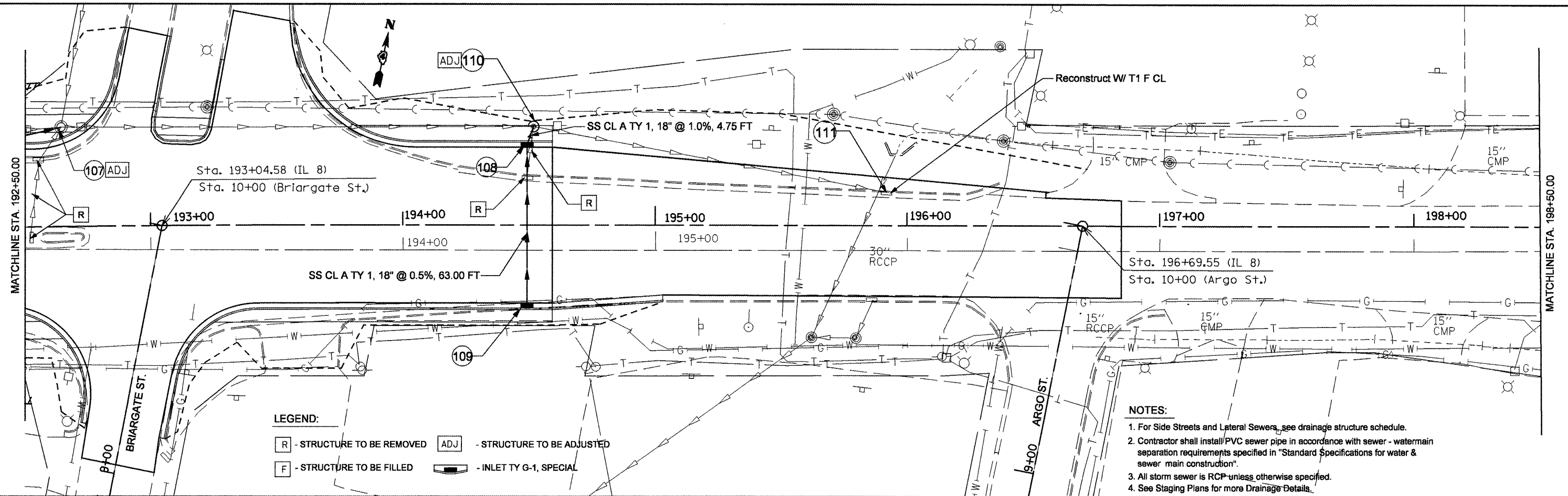
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PLOT DATE = 12/11/2008		DATE -	REVISED -					FED. ROAD DIST. NO. 4 ILLINOIS FED. AID PROJECT				





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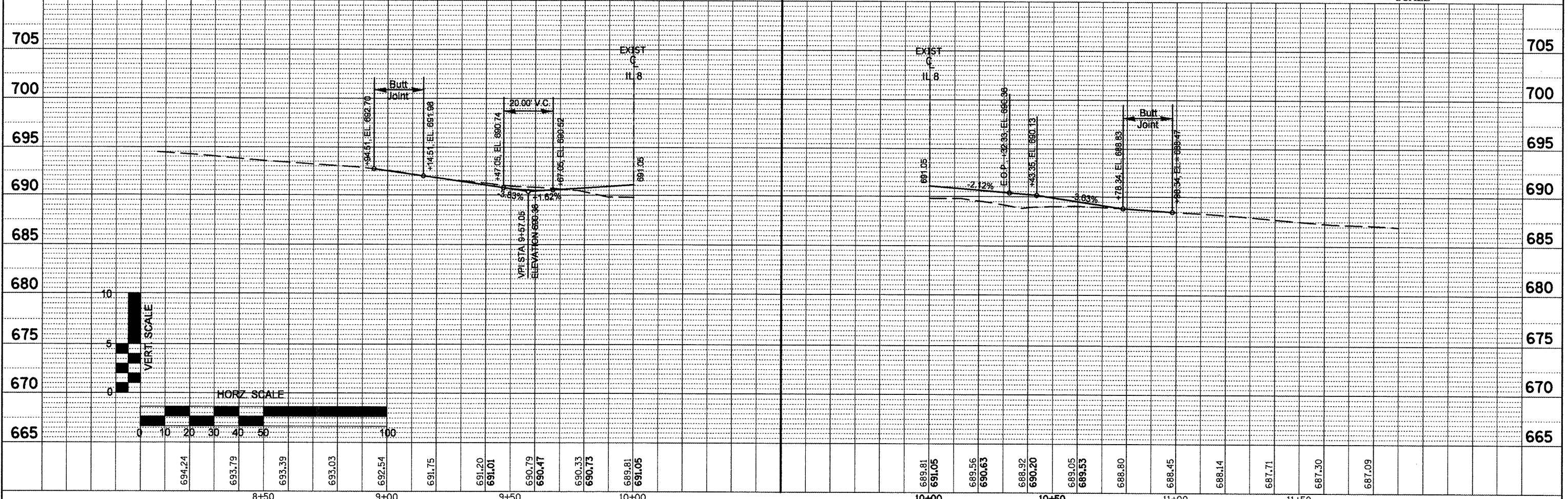
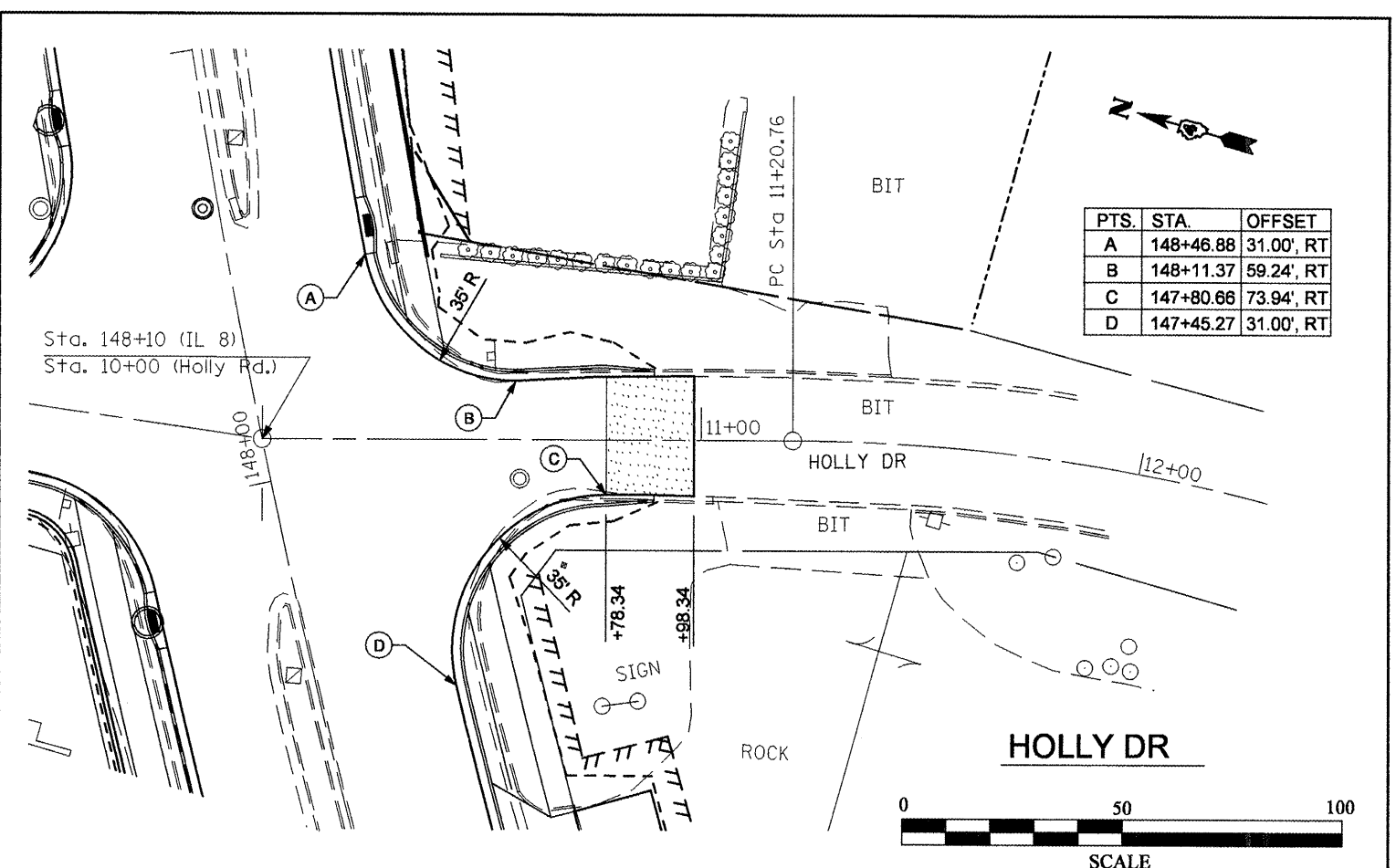
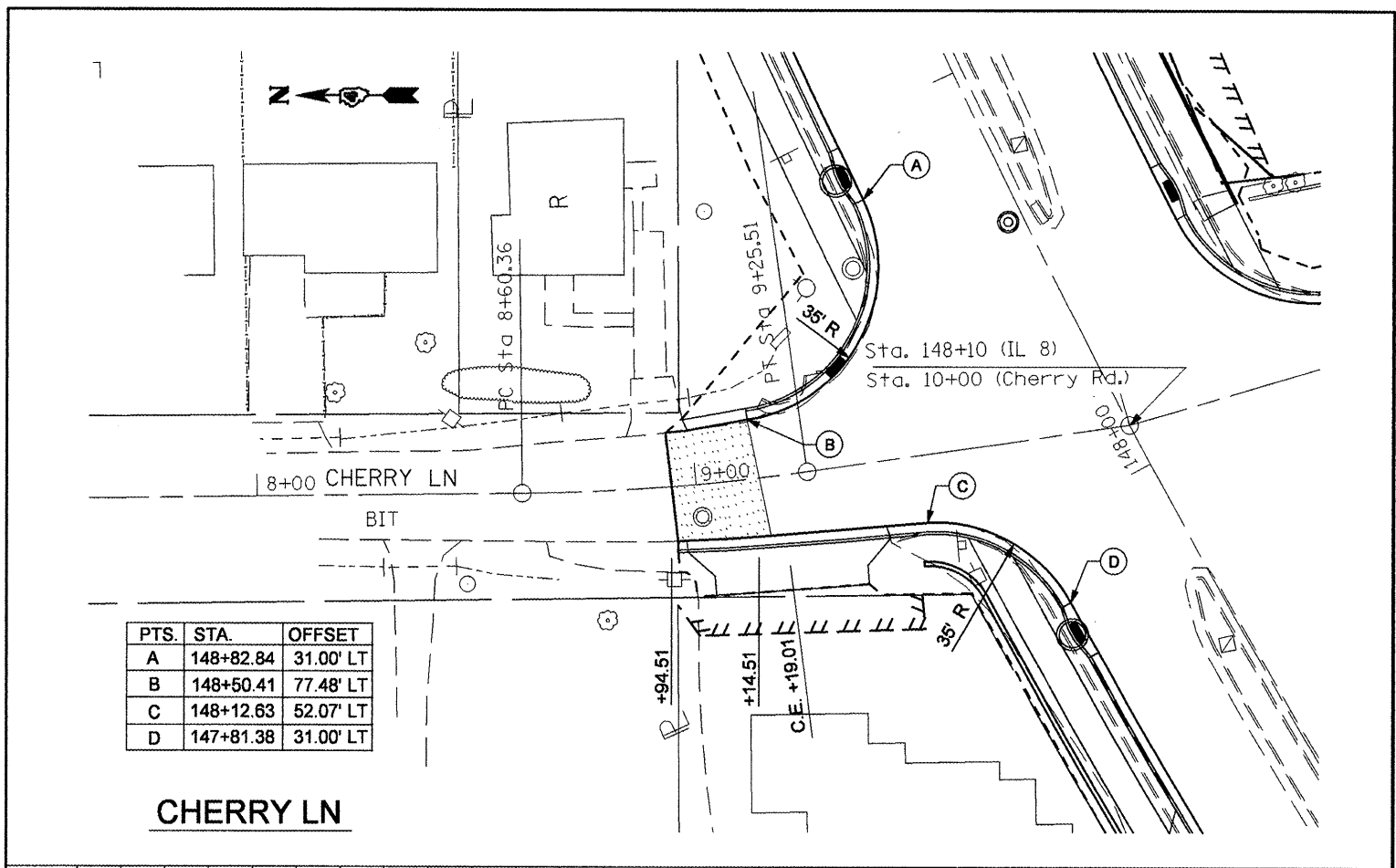


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copy of drainage plan r.t.dgn		DRAWN -	REVISED -			399	36 R-8	TAZEWELL	429	122	
		CHECKED -	REVISED -			CONTRACT NO. 68258					
		DATE -	REVISED -			FED. ROAD DIST. NO. 4 ILLINOIS FED. AID PROJECT					
				SCALE:		SHEET NO. OF SHEETS STA. TO STA.					



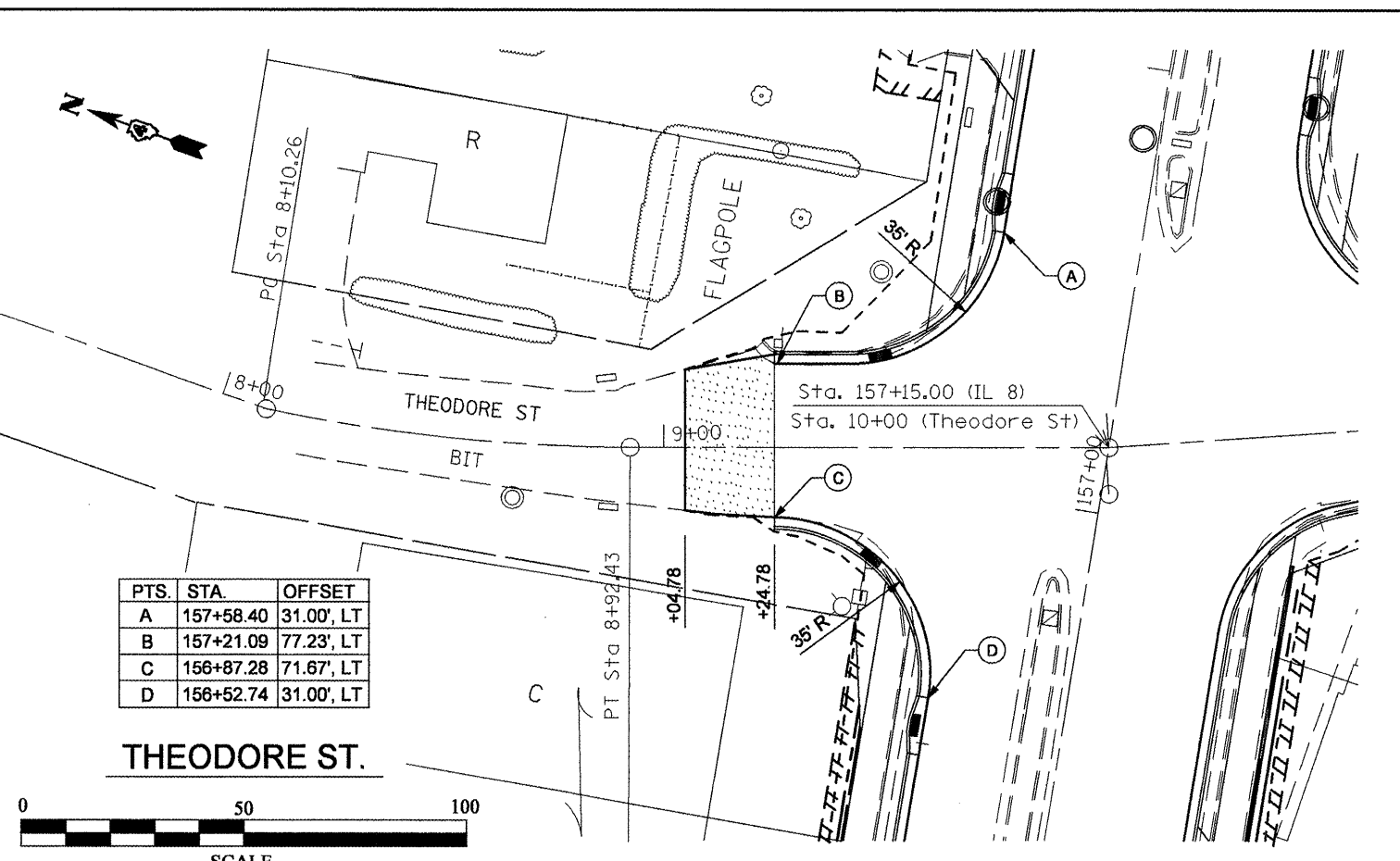
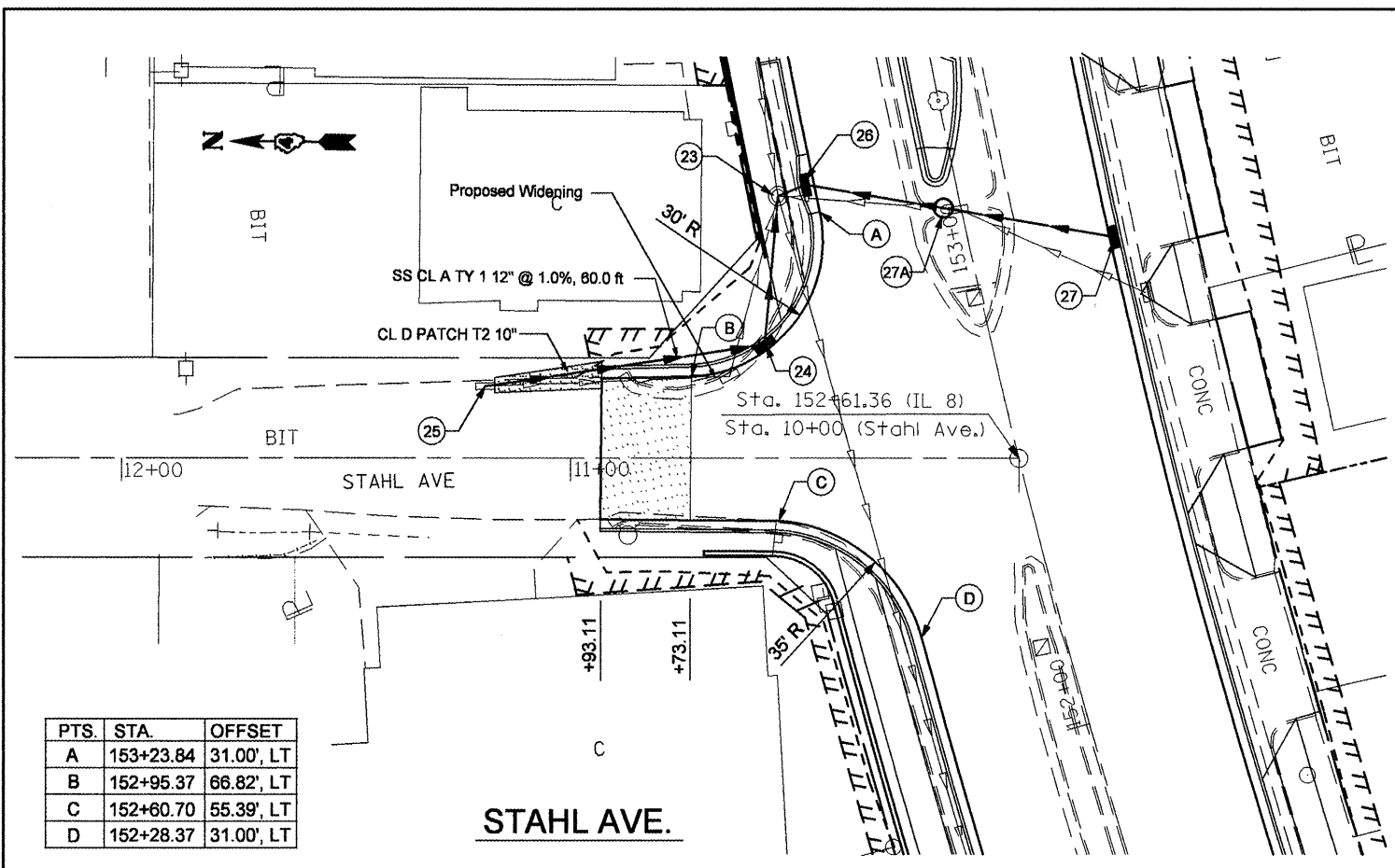
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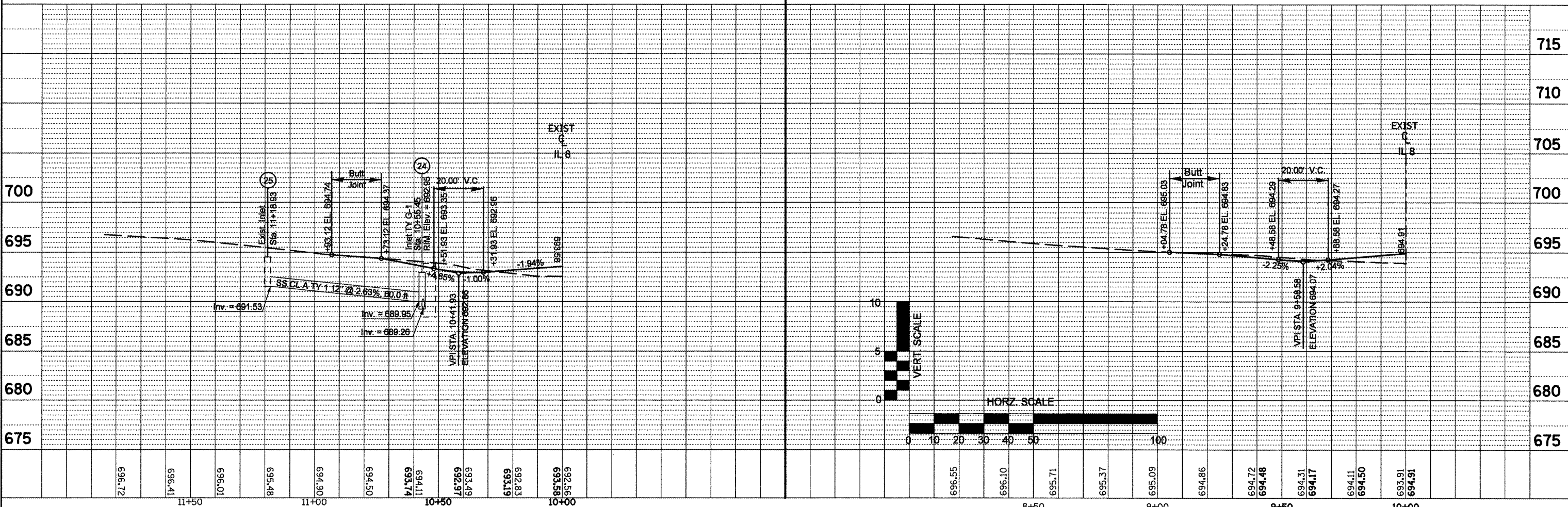


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	PLOT DATE = 12/11/2008	CHECKED -	REVISED -		FED. ROAD DIST. NO. 4 ILLINOIS FED. AID PROJECT							
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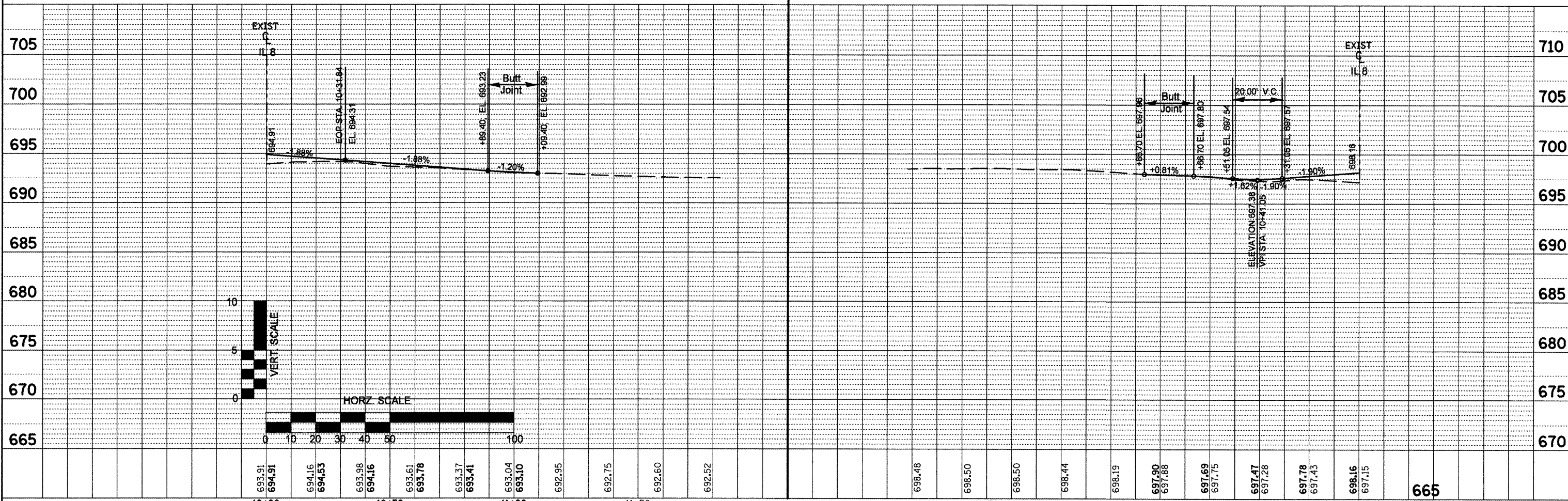
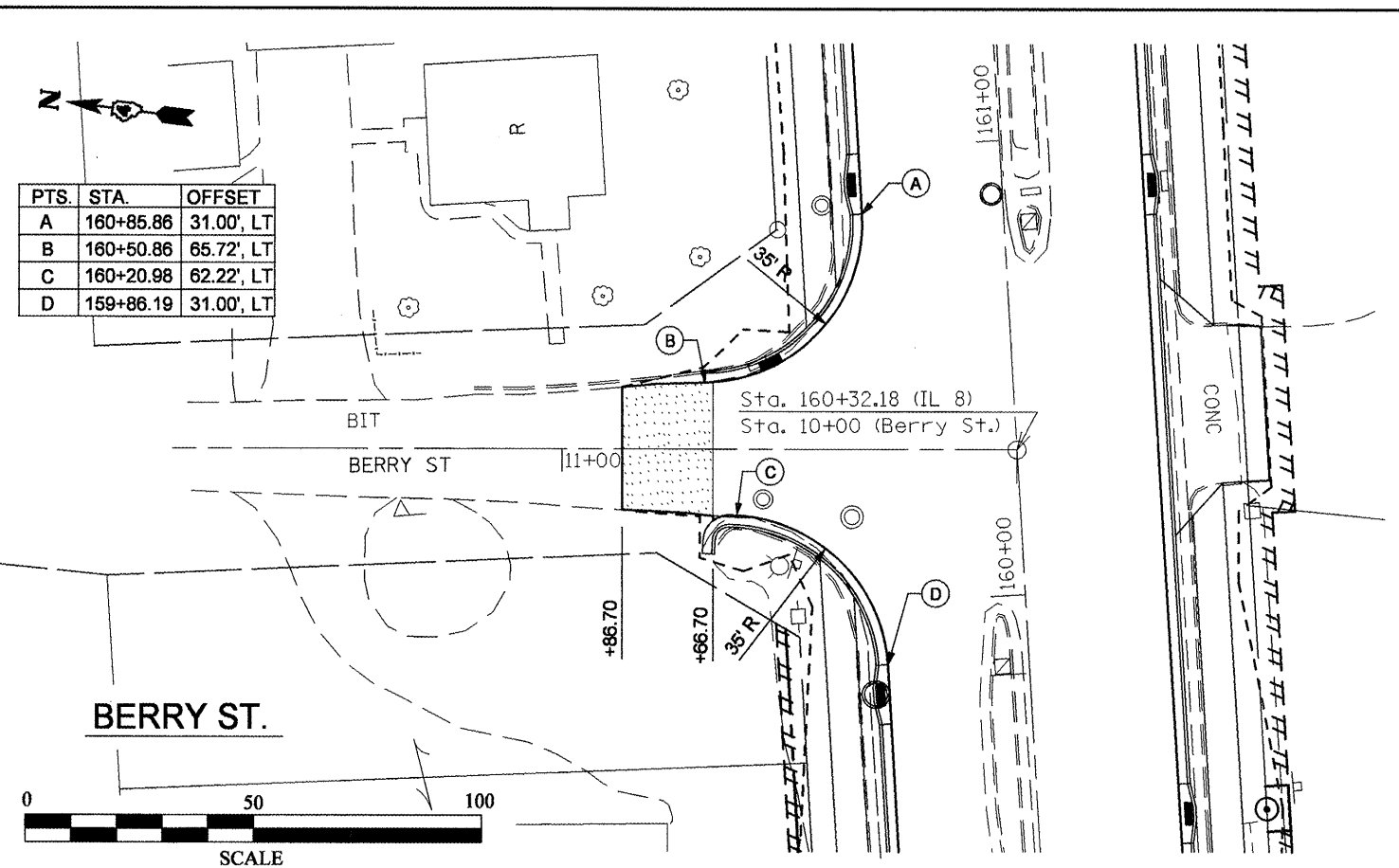
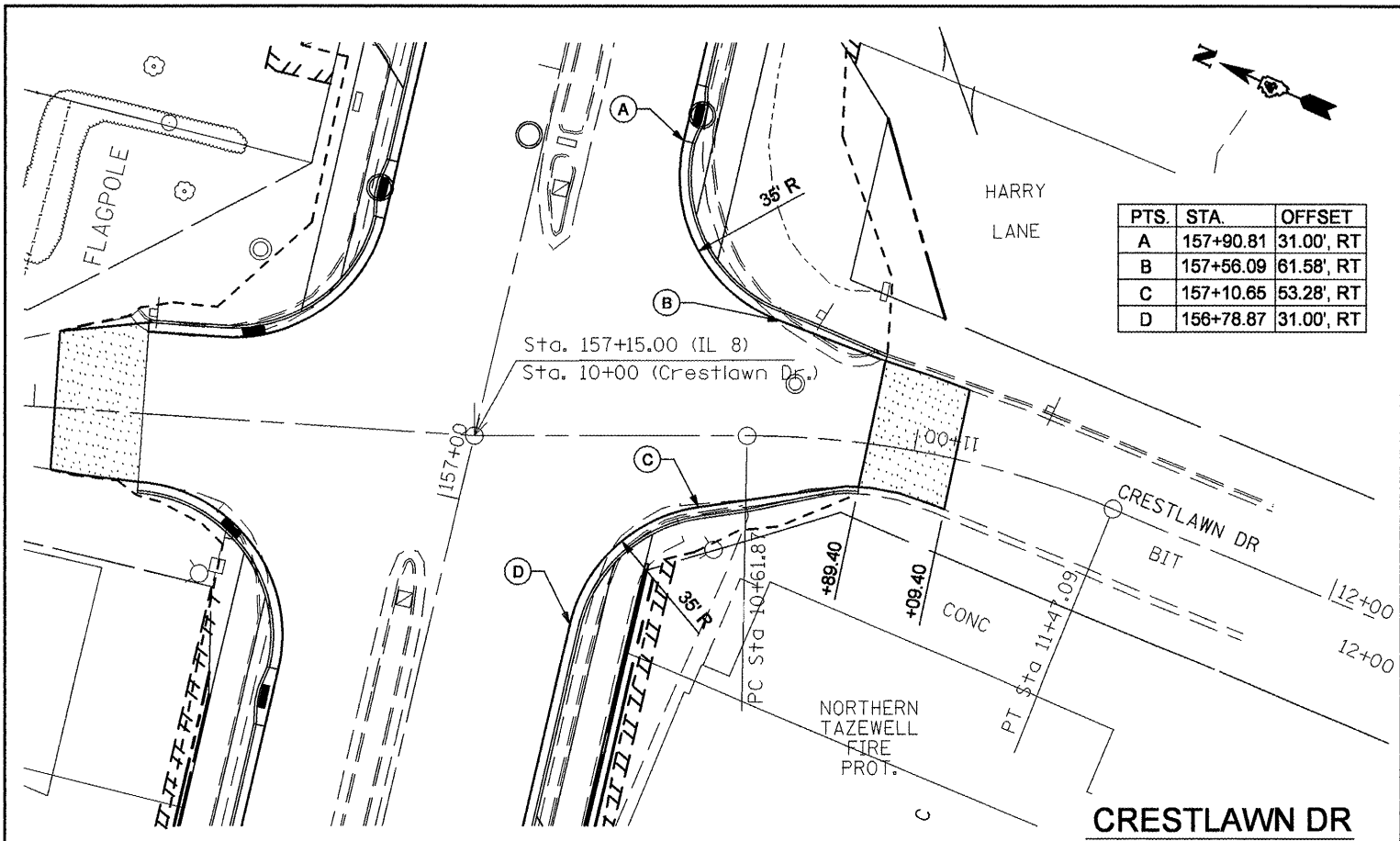


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PLOT SCALE = 48.0000' / IN. PLOT DATE = 12/11/2008				SCALE: SHEET NO. OF SHEETS STA. TO STA.			FED. ROAD DIST. NO. 4 ILLINOIS FED. AID PROJECT				



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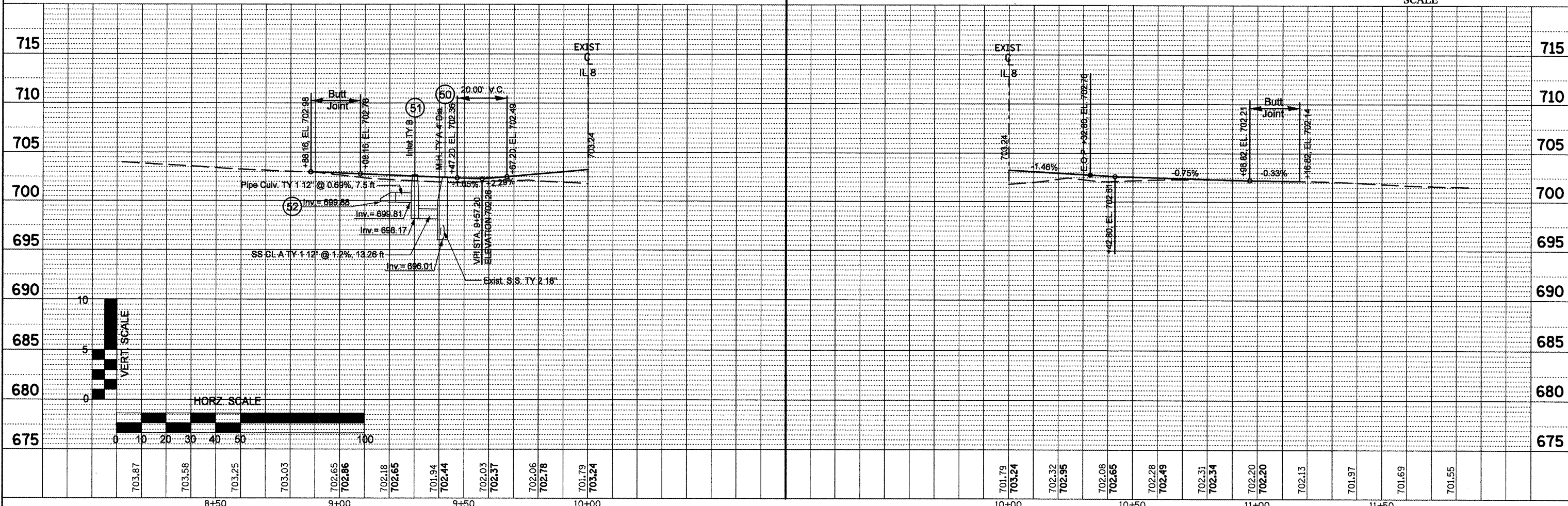
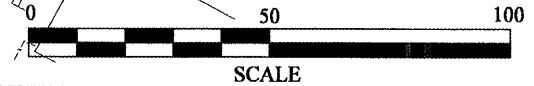
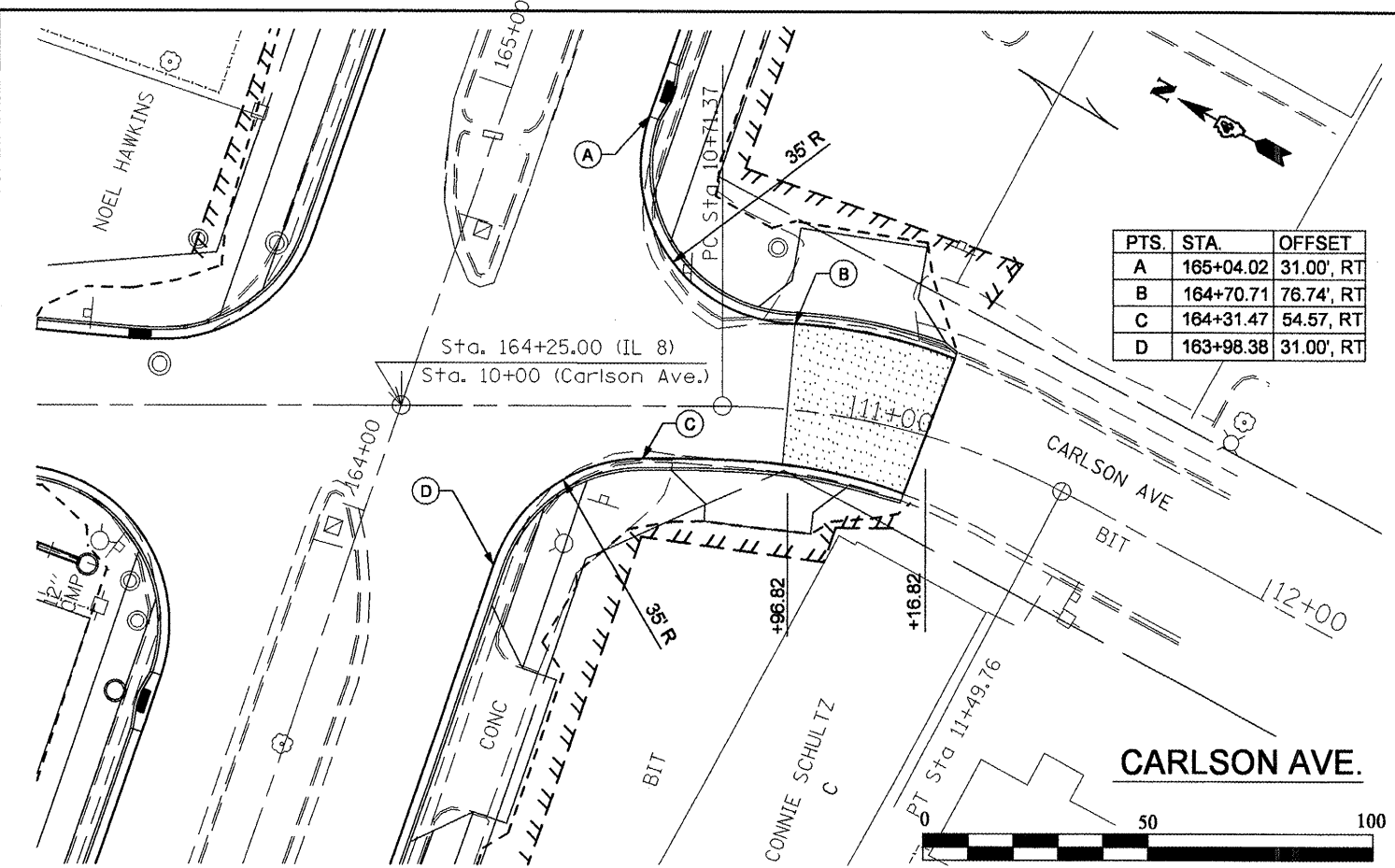
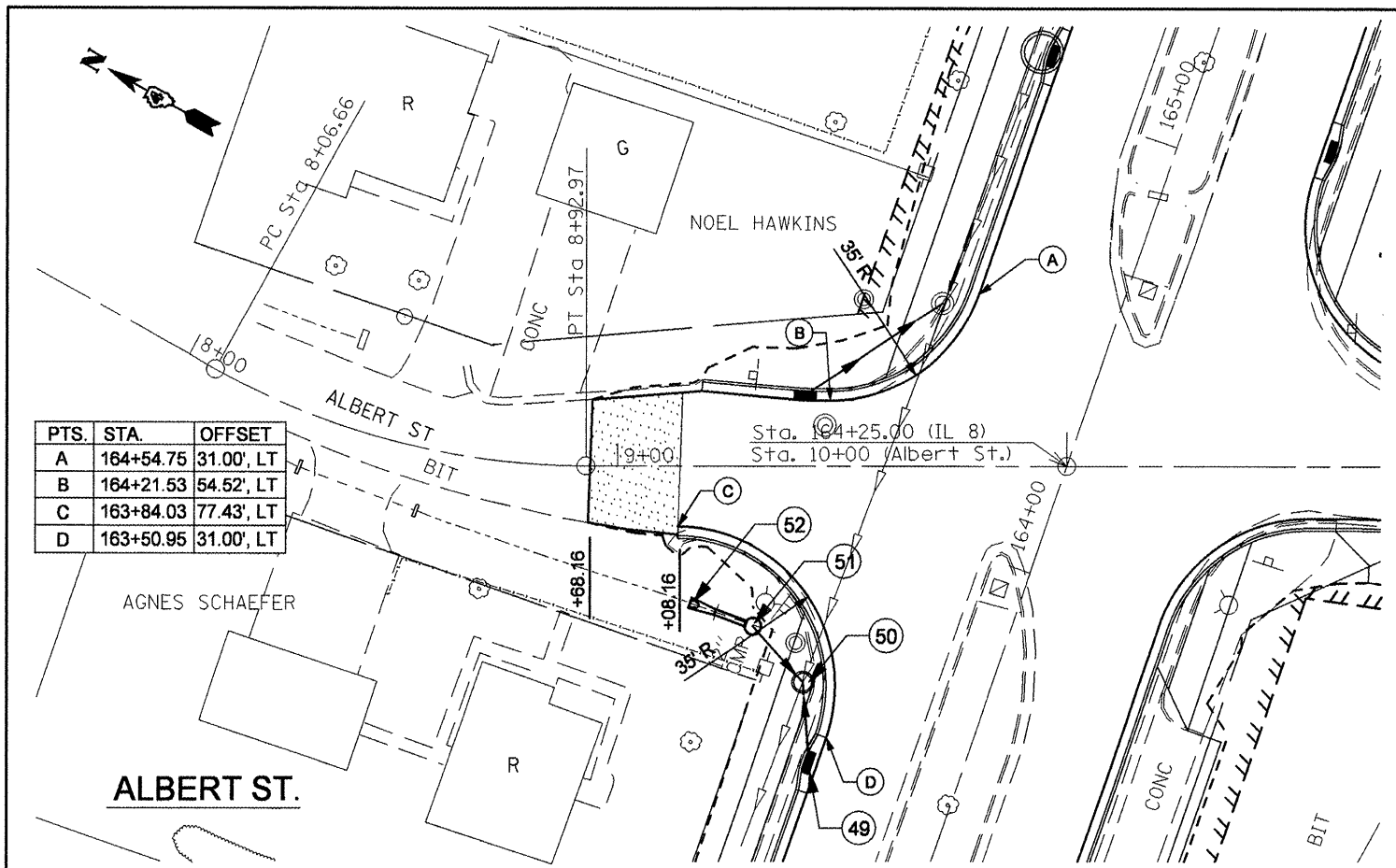
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	PLT SCALE = 48.0000' / IN.	DRAWN -	REVISED -		SCALE:	SHEET NO.	OF SHEETS	STA.	TO STA.	CONTRACT NO. 68258		
	PLT DATE = 12/24/2008	CHECKED -	REVISED -		FED. ROAD DIST. NO. 4 ILLINOIS FED. AID PROJECT							
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PTS.	STA.	OFFSET
A	164+54.75	31.00', LT
B	164+21.53	54.52', LT
C	163+84.03	77.43', LT
D	163+50.95	31.00', LT

PTS.	STA.	OFFSET
A	165+04.02	31.00', RT
B	164+70.71	76.74', RT
C	164+31.47	54.57', RT
D	163+98.38	31.00', RT

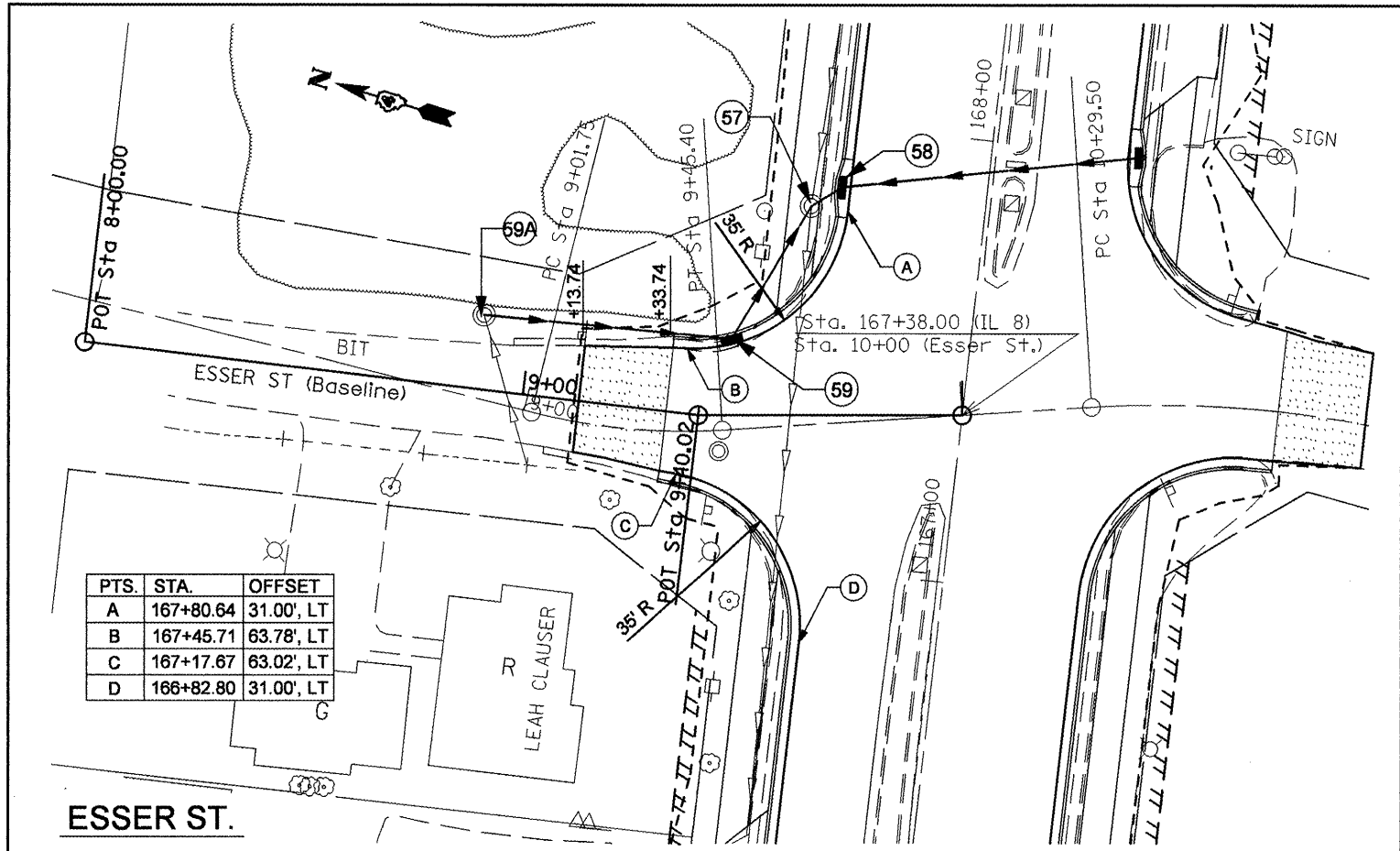


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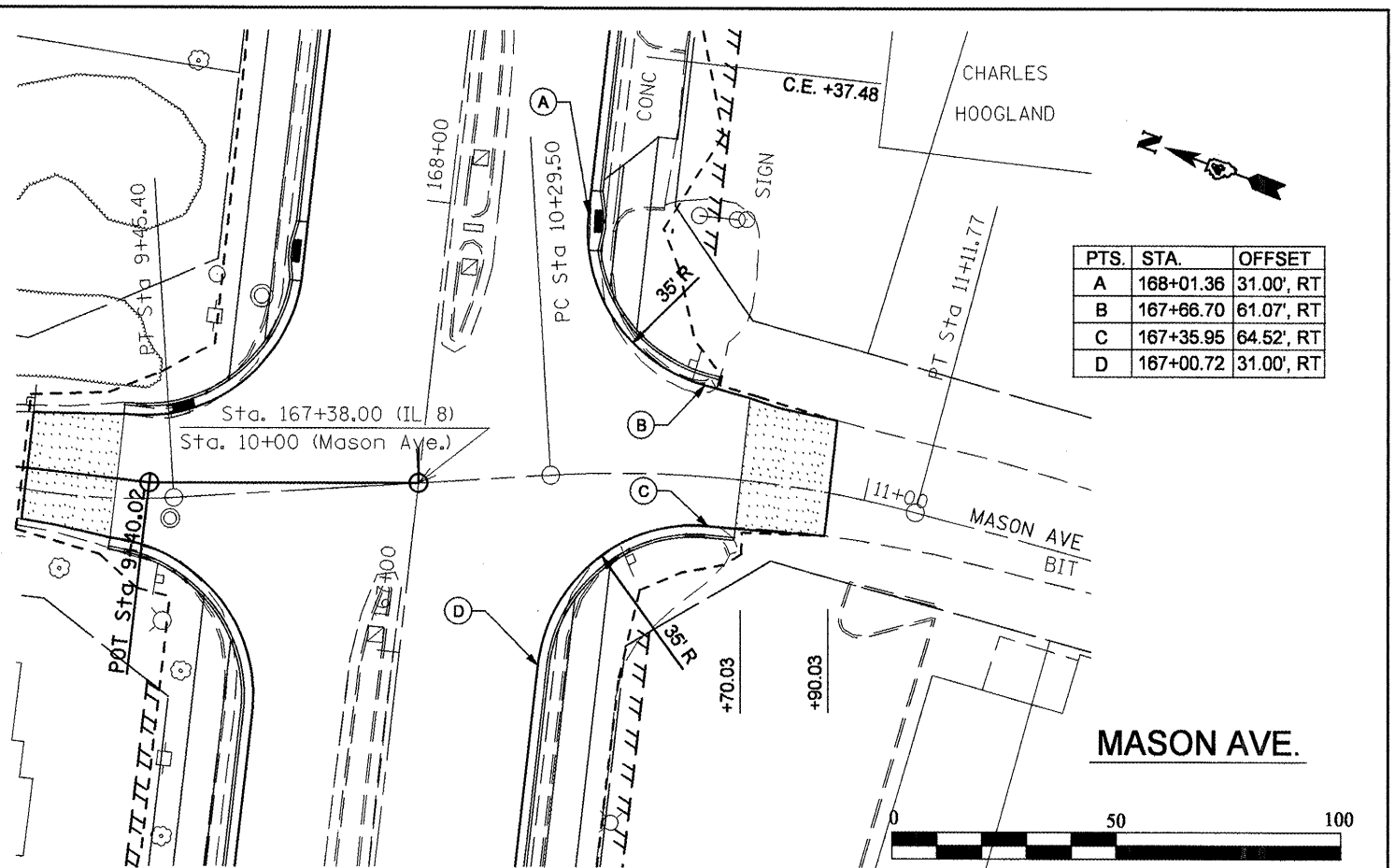


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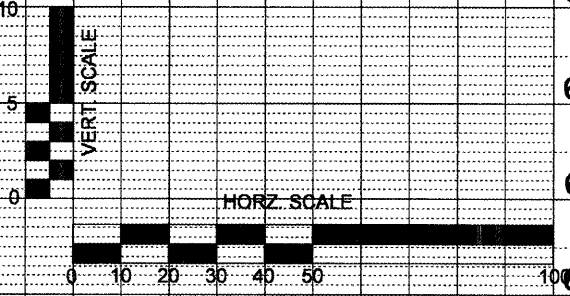
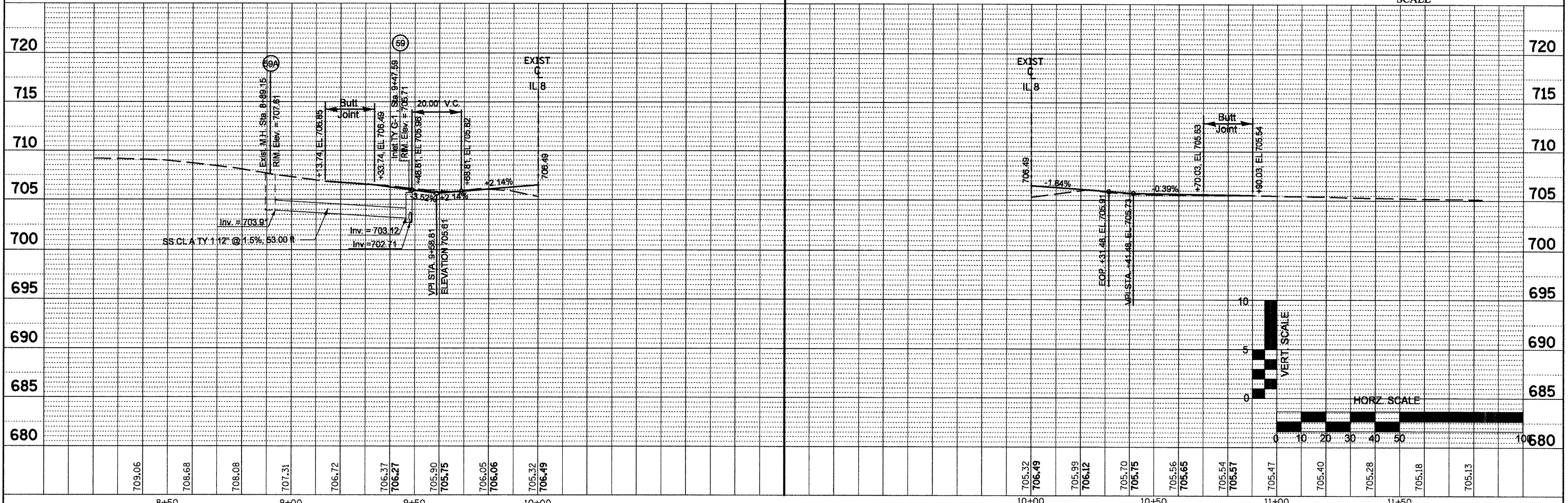
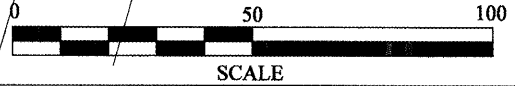
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PTS.	STA.	OFFSET
A	167+80.64	31.00', LT
B	167+45.71	63.78', LT
C	167+17.67	63.02', LT
D	166+82.80	31.00', LT



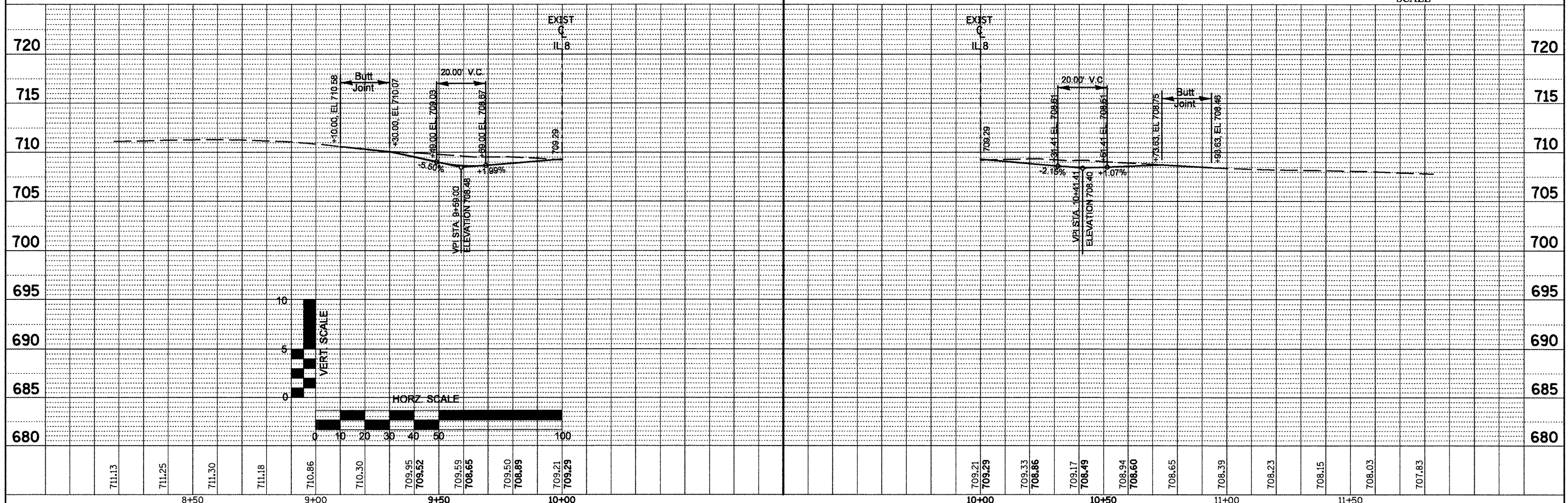
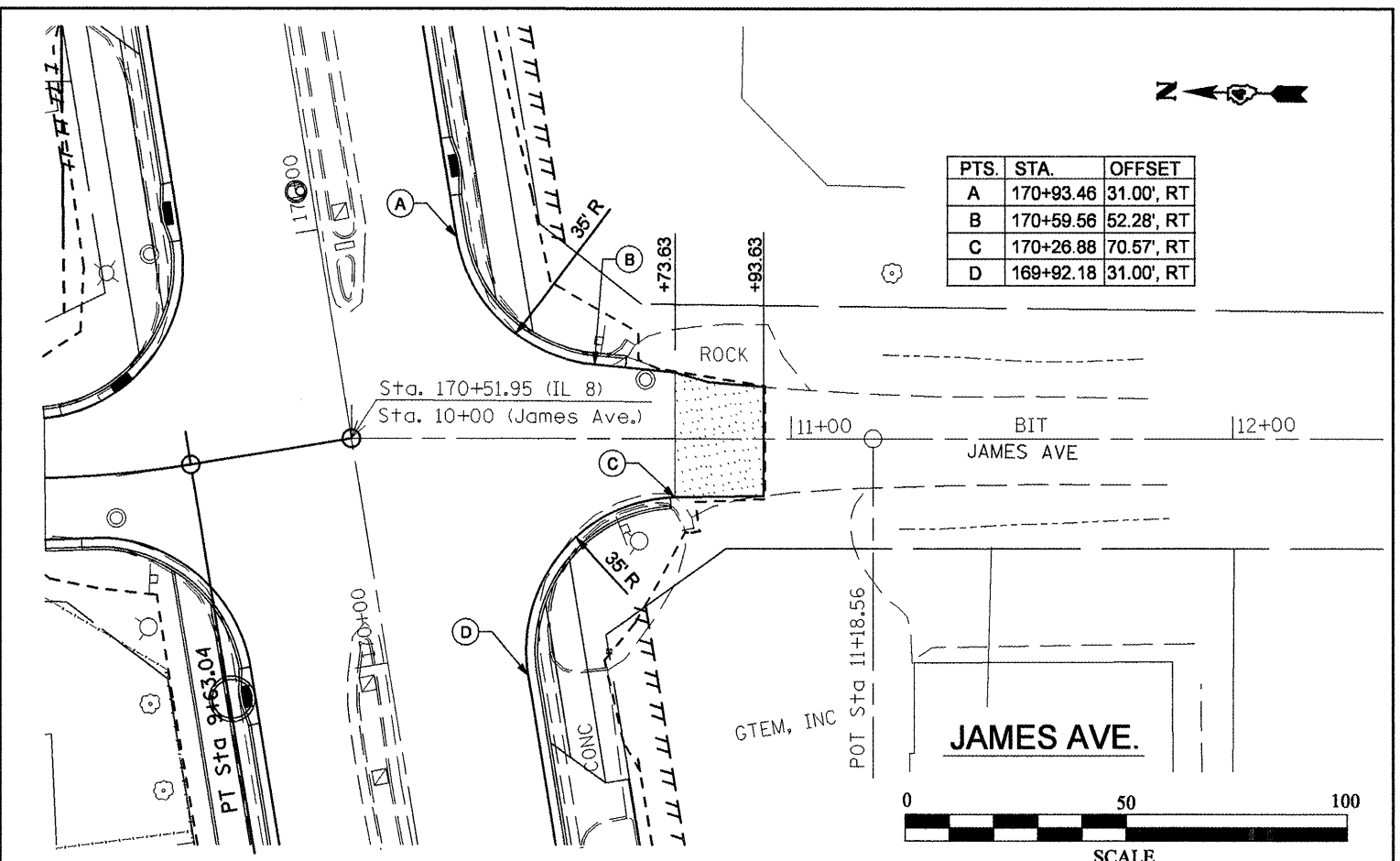
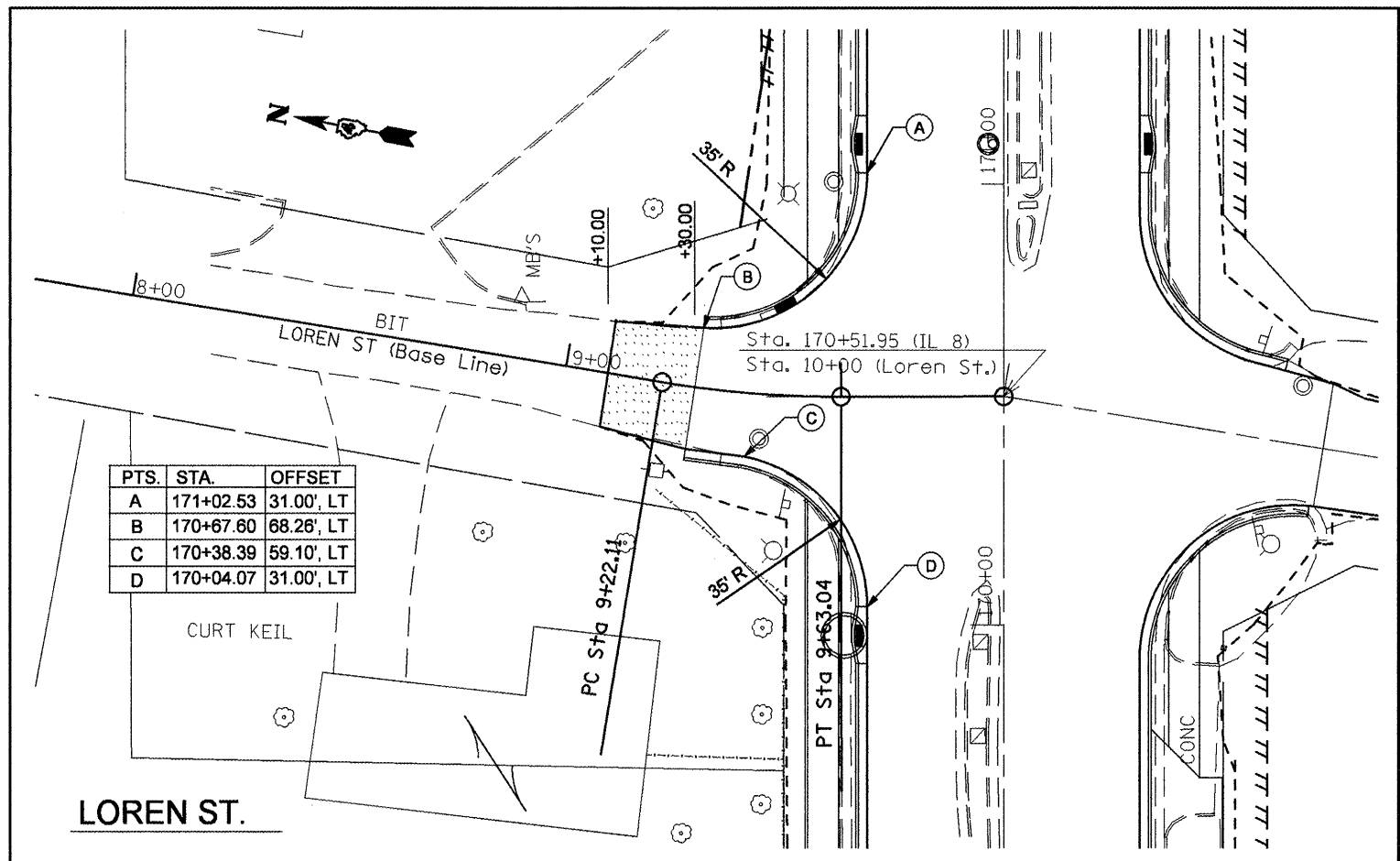
PTS.	STA.	OFFSET
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D	167+00.72	31.00', RT



FILE NAME = int-details2.dgn	USER NAME = crespole	DESIGNED -	REVISED -	<b>STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION</b>	<b>ESSER ST. &amp; MASON AVE. PLAN AND PROFILE</b>	F.A.P. RTE. 399	SECTION 36 R-8	COUNTY TAZEWELL	TOTAL SHEETS 429	SHEET NO. 127
PLOT SCALE = 48.0000' / IN.	CHECKED -	REVISED -	CONTRACT NO. 68258							
PLOT DATE = 12/24/2008	DATE -	REVISED -								

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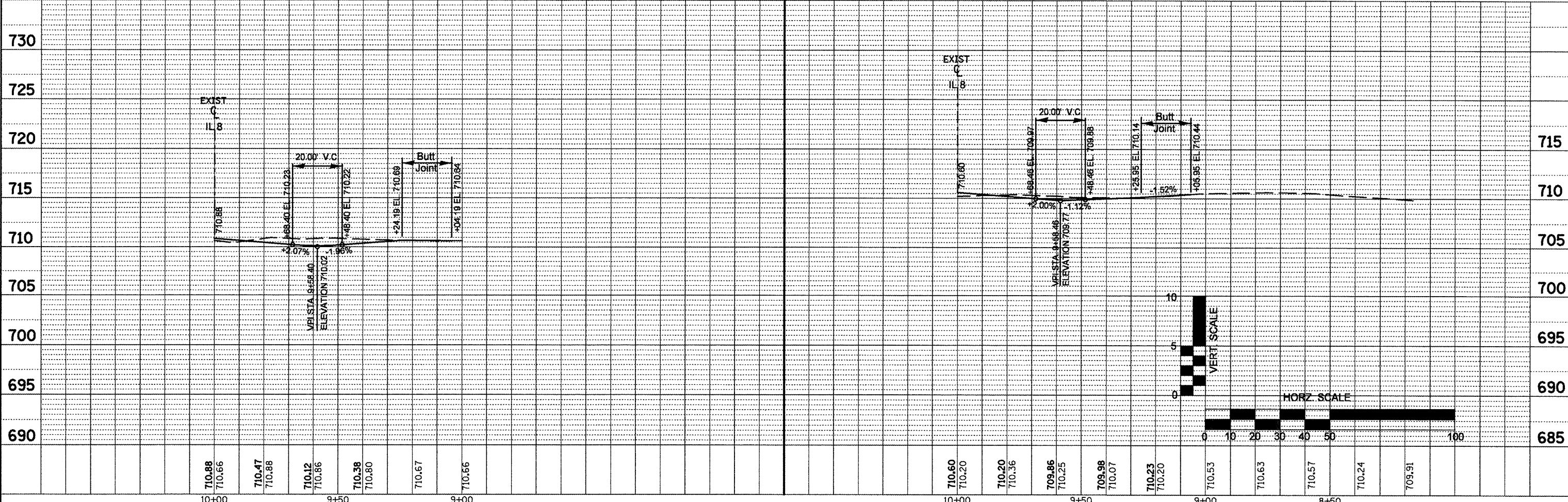
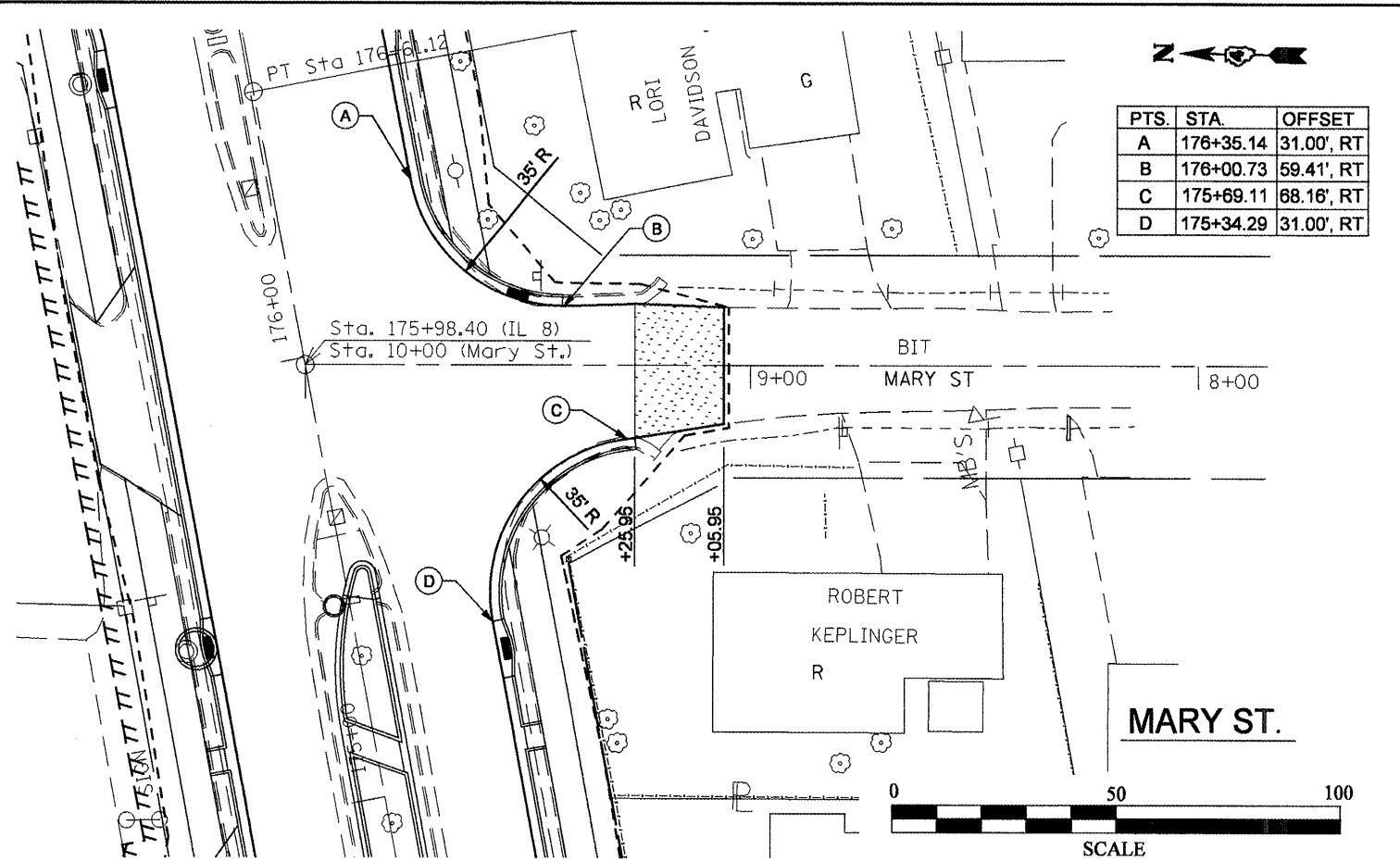
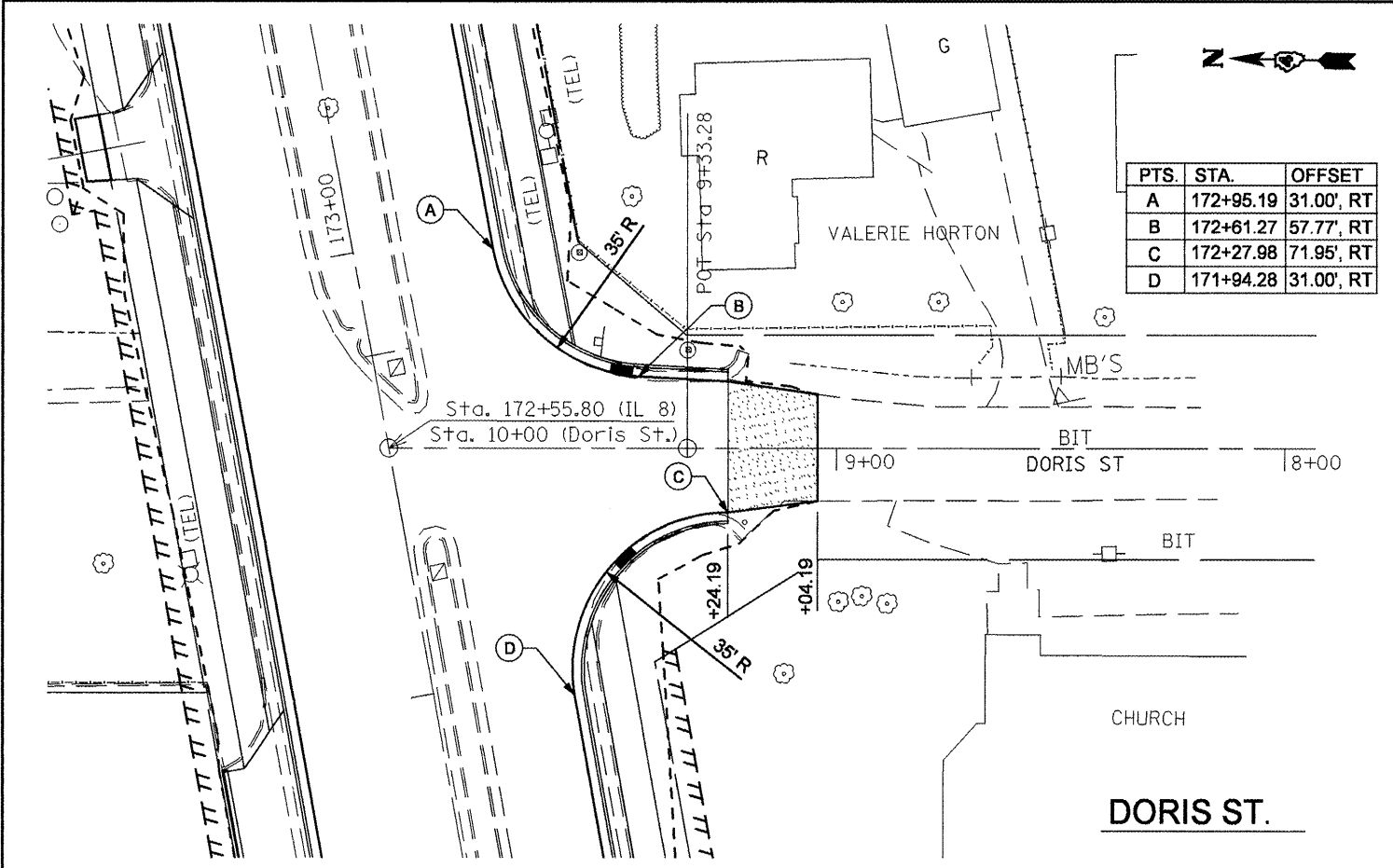


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PLOT DATE = 12/11/2008	DATE -	REVISED -	FED. ROAD DIST. NO. 4 ILLINOIS FED. AID PROJECT							



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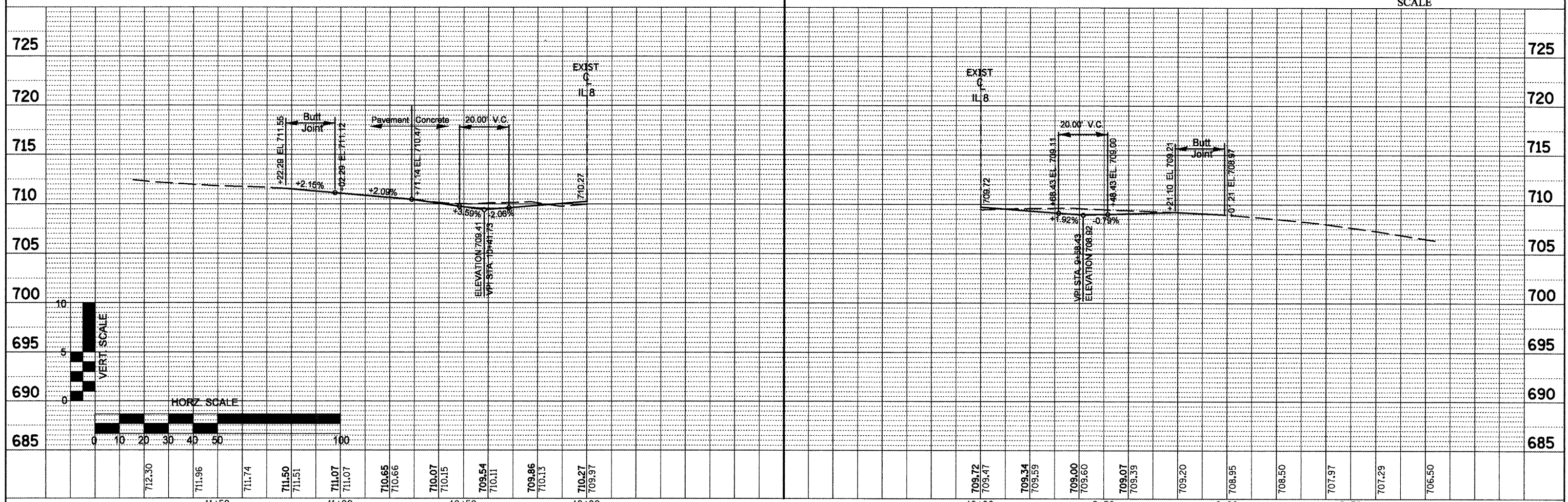
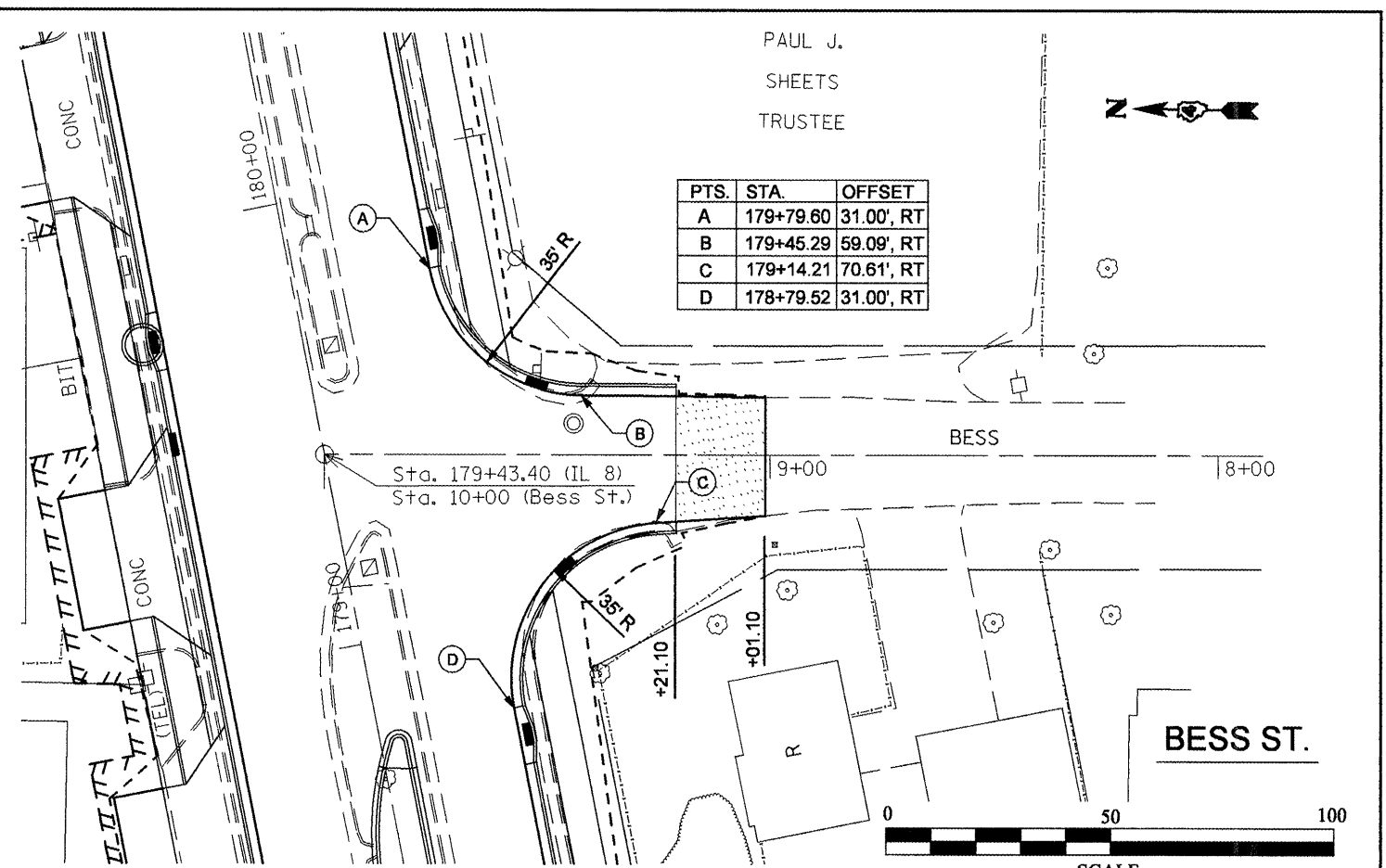
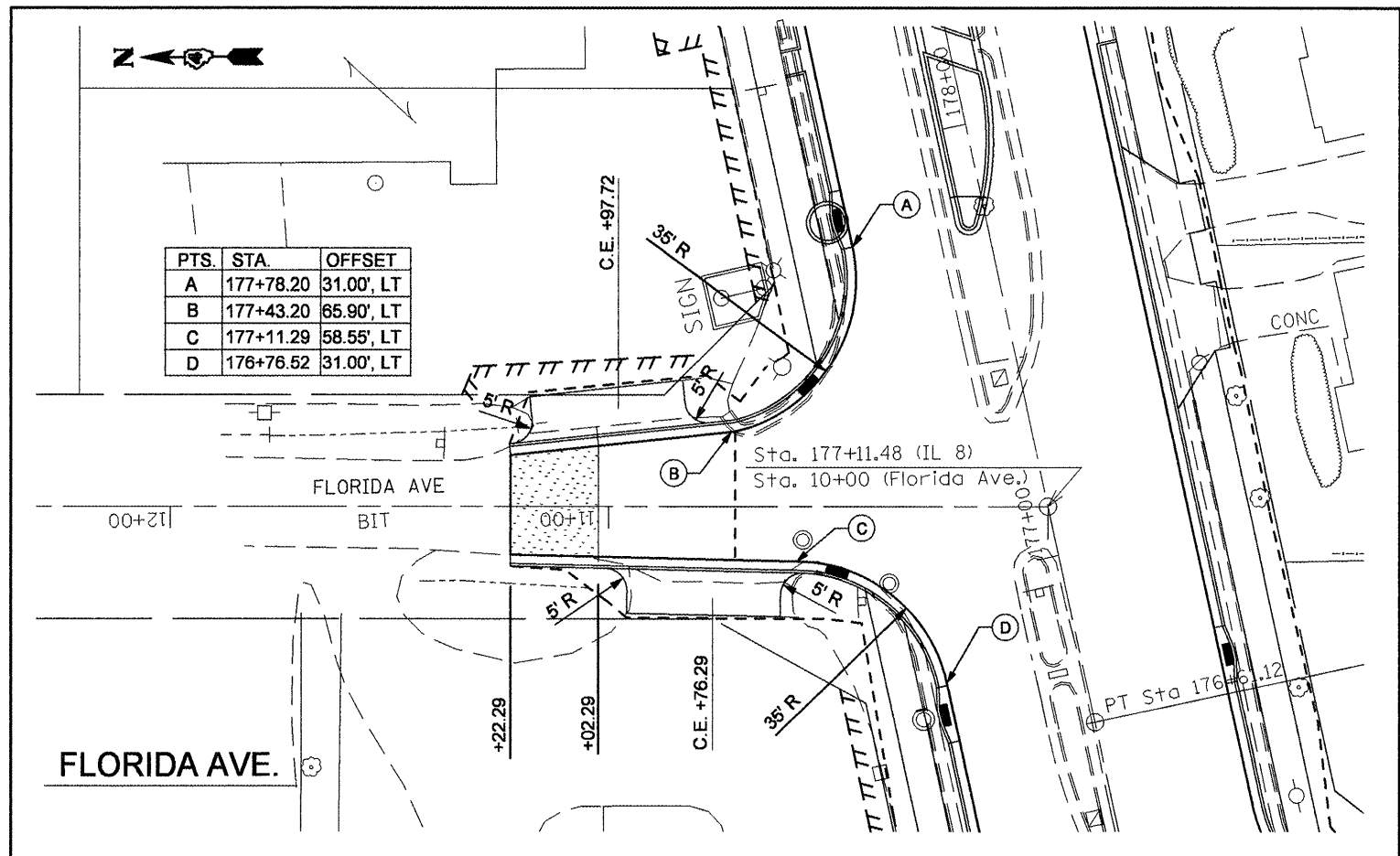
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PLOT DATE = 12/11/2008	DATE -	REVISED -	FED. ROAD DIST. NO. 4 (ILLINOIS) FED. AID PROJECT							

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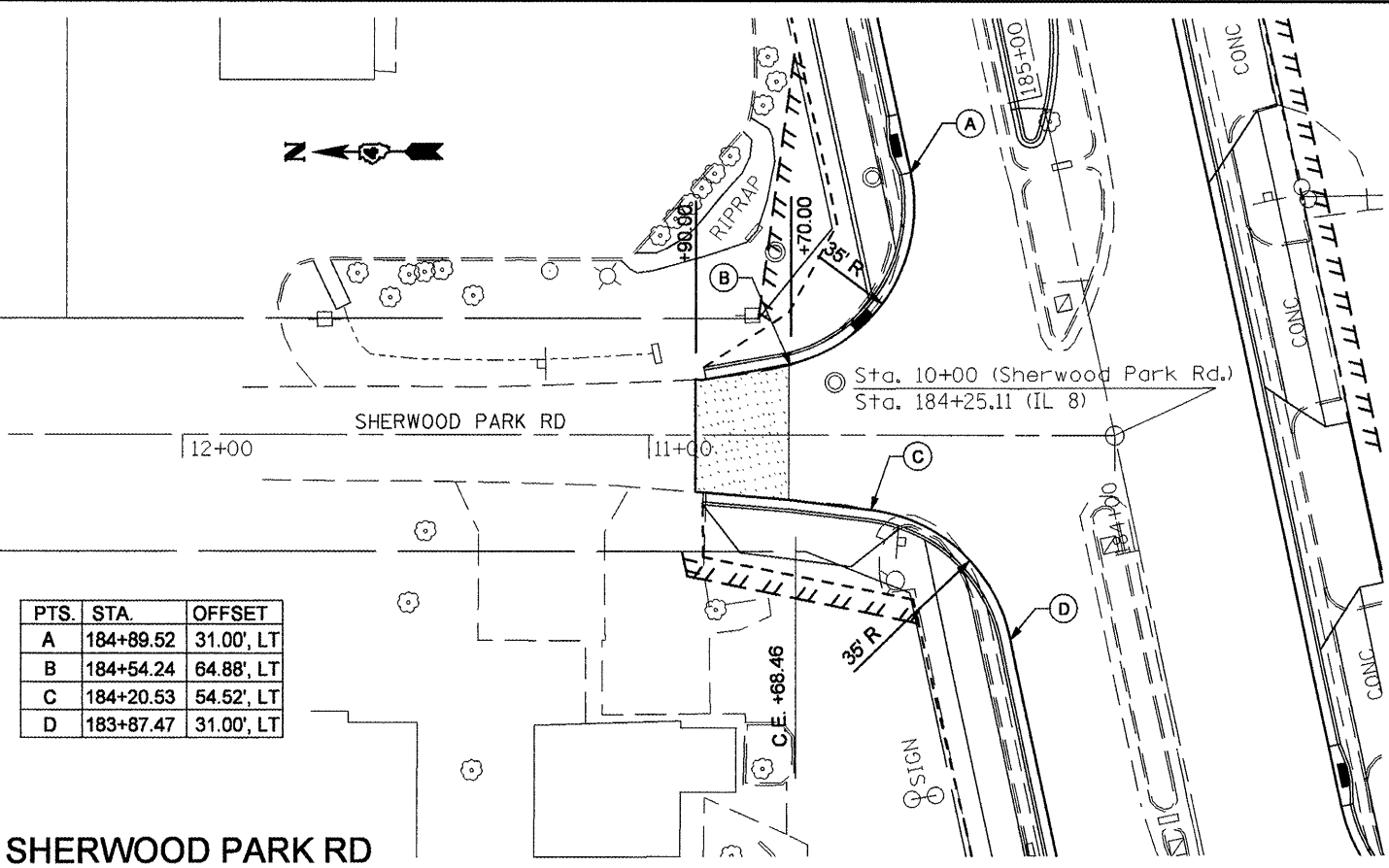
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PLOT DATE = 12/11/2008	DATE -	REVISED -	FED. ROAD DIST. NO. 4 ILLINOIS FED. AID PROJECT							





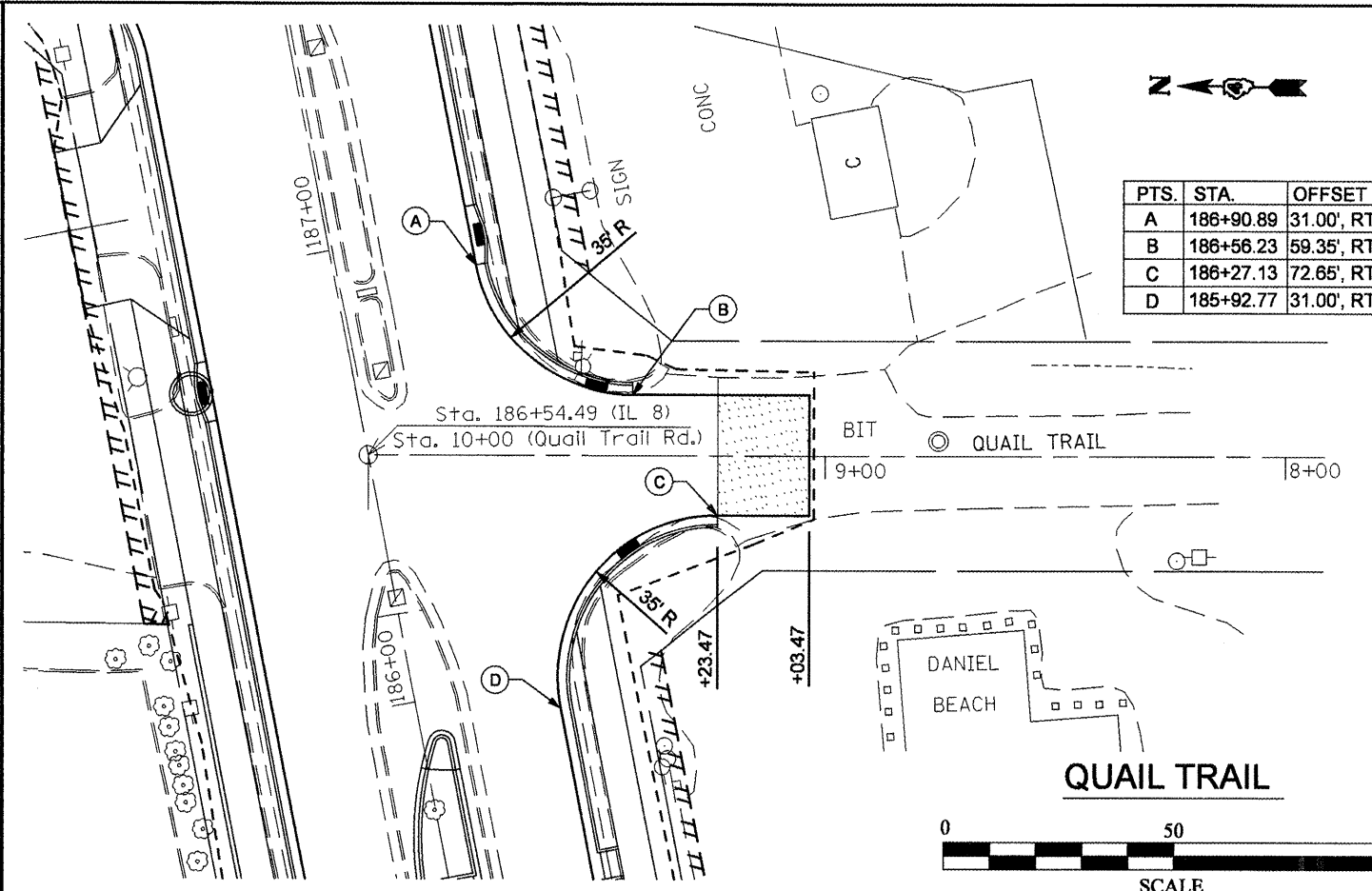
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NO.	NO.	
NO.	NO.	



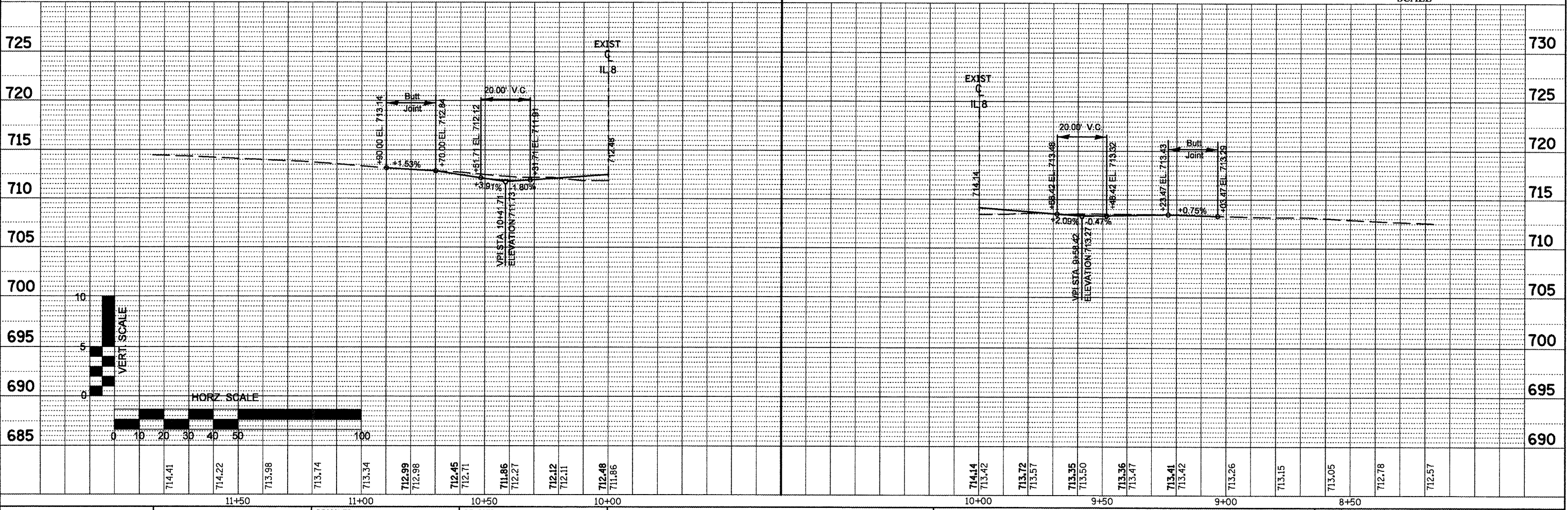
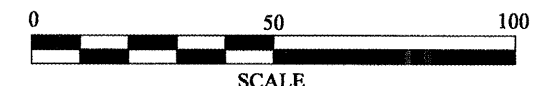
PTS.	STA.	OFFSET
A	184+89.52	31.00', LT
B	184+54.24	64.88', LT
C	184+20.53	54.52', LT
D	183+87.47	31.00', LT

SHERWOOD PARK RD



PTS.	STA.	OFFSET
A	186+90.89	31.00', RT
B	186+56.23	59.35', RT
C	186+27.13	72.65', RT
D	185+92.77	31.00', RT

QUAIL TRAIL



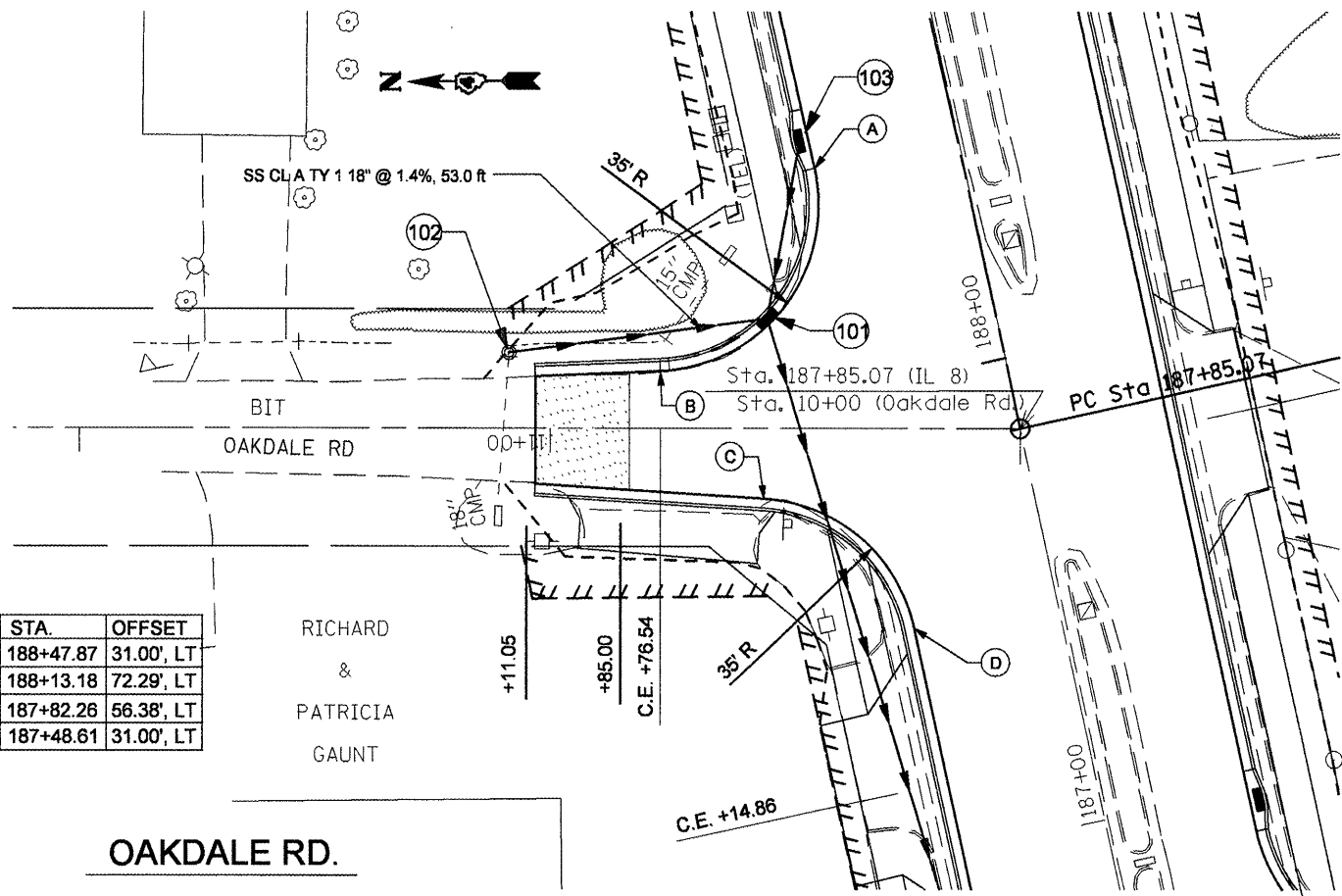
FILE NAME = int-detail2.dgn	USER NAME = crespole	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	SHERWOOD PARK & QUAIL TRAIL PLAN AND PROFILE	F.A.P. RTE. 399	SECTION 36 R-8	COUNTY TAZEWELL	TOTAL SHEETS 429	SHEET NO. 132	
PLOT SCALE = 48.0000' / IN.	CHECKED -	REVISED -	SCALE:			SHEET NO. OF SHEETS	STA. TO STA.	CONTRACT NO. 68258			
PLOT DATE = 12/11/2008	DATE -	REVISED -						FED. ROAD DIST. NO. 4 ILLINOIS FED. AID PROJECT			



PLAN	DATE
BY	
REVISION	
SCOTTED	
ALIGNED	
CHECKED	
NO. 1	
NOTE BOOK	
FILE NAME	

PTS.	STA.	OFFSET
A	188+47.87	31.00', LT
B	188+13.18	72.29', LT
C	187+82.26	56.38', LT
D	187+48.61	31.00', LT

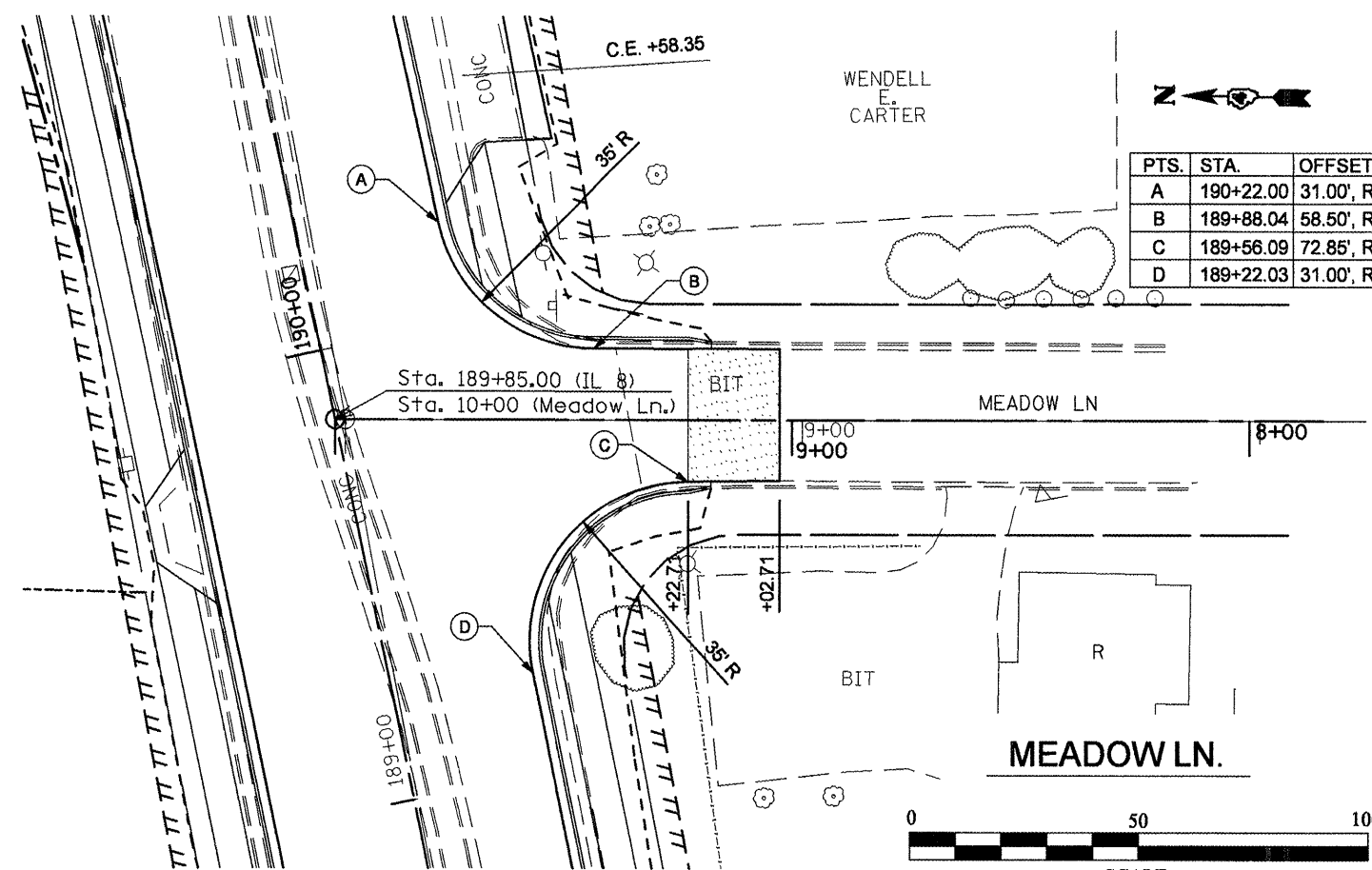
RICHARD  
&  
PATRICIA  
GAUNT



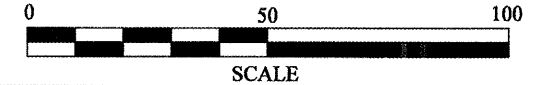
OAKDALE RD.

PTS.	STA.	OFFSET
A	190+22.00	31.00', RT
B	189+88.04	58.50', RT
C	189+56.09	72.85', RT
D	189+22.03	31.00', RT

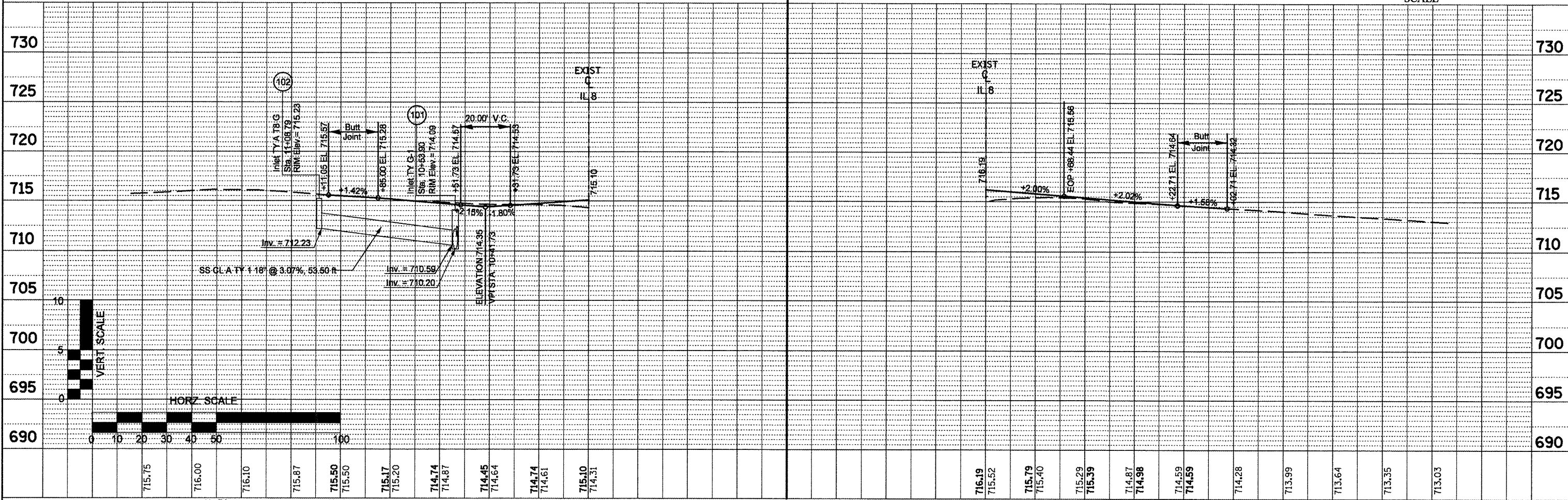
WENDELL  
E.  
CARTER



MEADOW LN.



PROFILE	DATE
BY	
REVISION	
GRADES CHECKED	
PLOTTED	
NO. 1	
NOTE BOOK	
FILE NAME	



FILE NAME = int-detail2.dgn

USER NAME = crespole	DESIGNED -	REVISED -
PLLOT SCALE = 40.0000' / IN.	DRAWN -	REVISED -
PLLOT DATE = 12/11/2008	CHECKED -	REVISED -
	DATE -	REVISED -

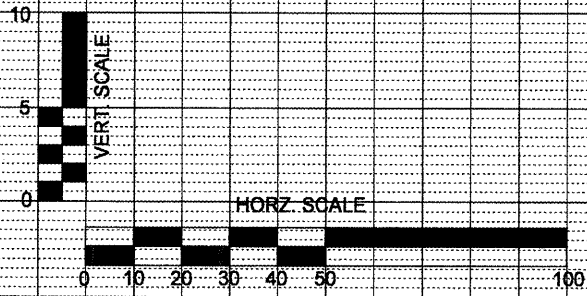
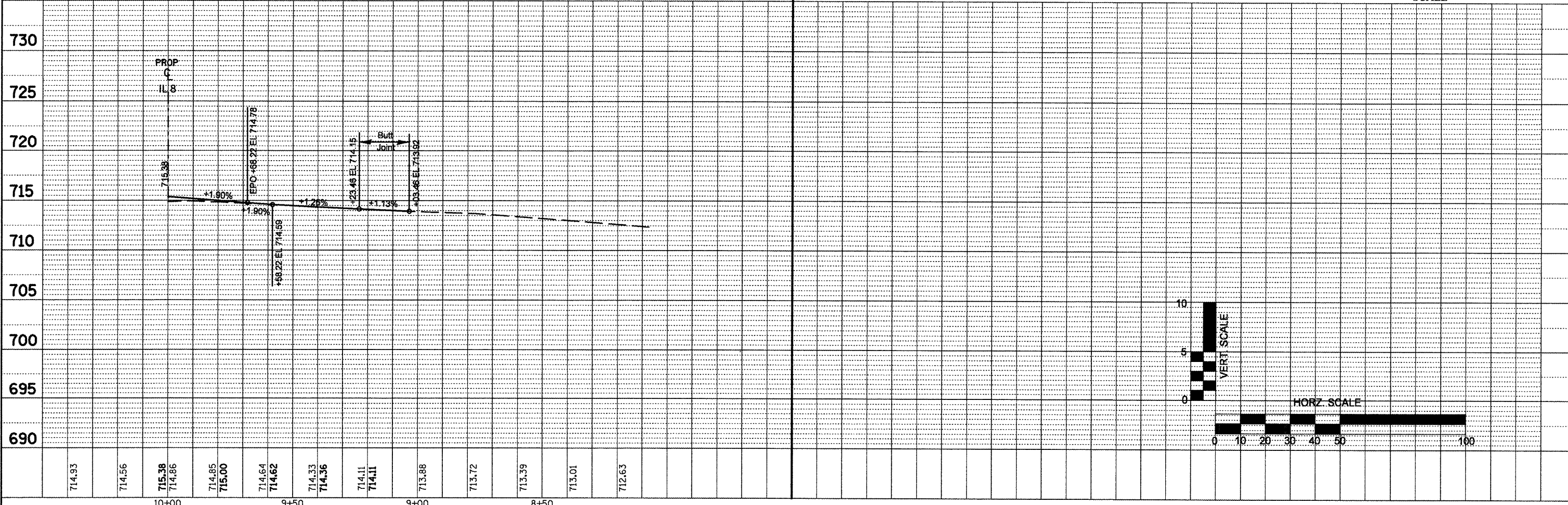
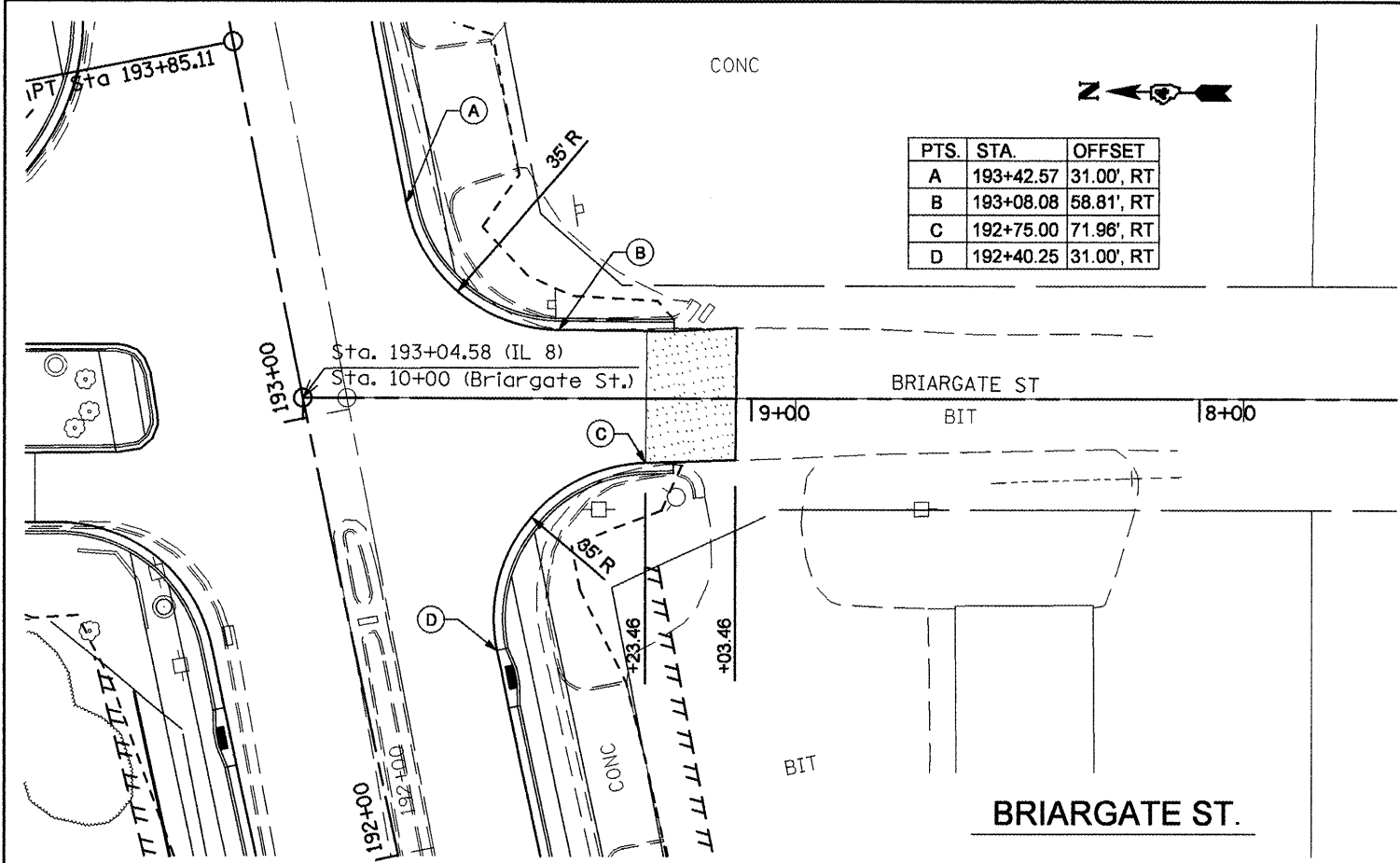
STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

OAKDALE RD. & MEADOW LN. PLAN AND PROFILE

F.A.P. RTE. 399	SECTION 36 R-8	COUNTY TAZEWELL	TOTAL SHEETS 429	SHEET NO. 133
CONTRACT NO. 68258				
FED. ROAD DIST. NO. 4 ILLINOIS FED. AID PROJECT				

PLAN	SURVEYED	DATE
	PLOTTED	
	ALIGNED	
	CHECKED	
	FILED	
	FILE NAME	

PROFILE	SURVEYED	DATE
	PLOTTED	
	GRADES CHECKED	
	STRUCTURE NOTATIONS OK'D	



FILE NAME =	USER NAME = crespole	DESIGNED -	REVISED -
int-details2.dgn		DRAWN -	REVISED -
		CHECKED -	REVISED -
		DATE -	REVISED -

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

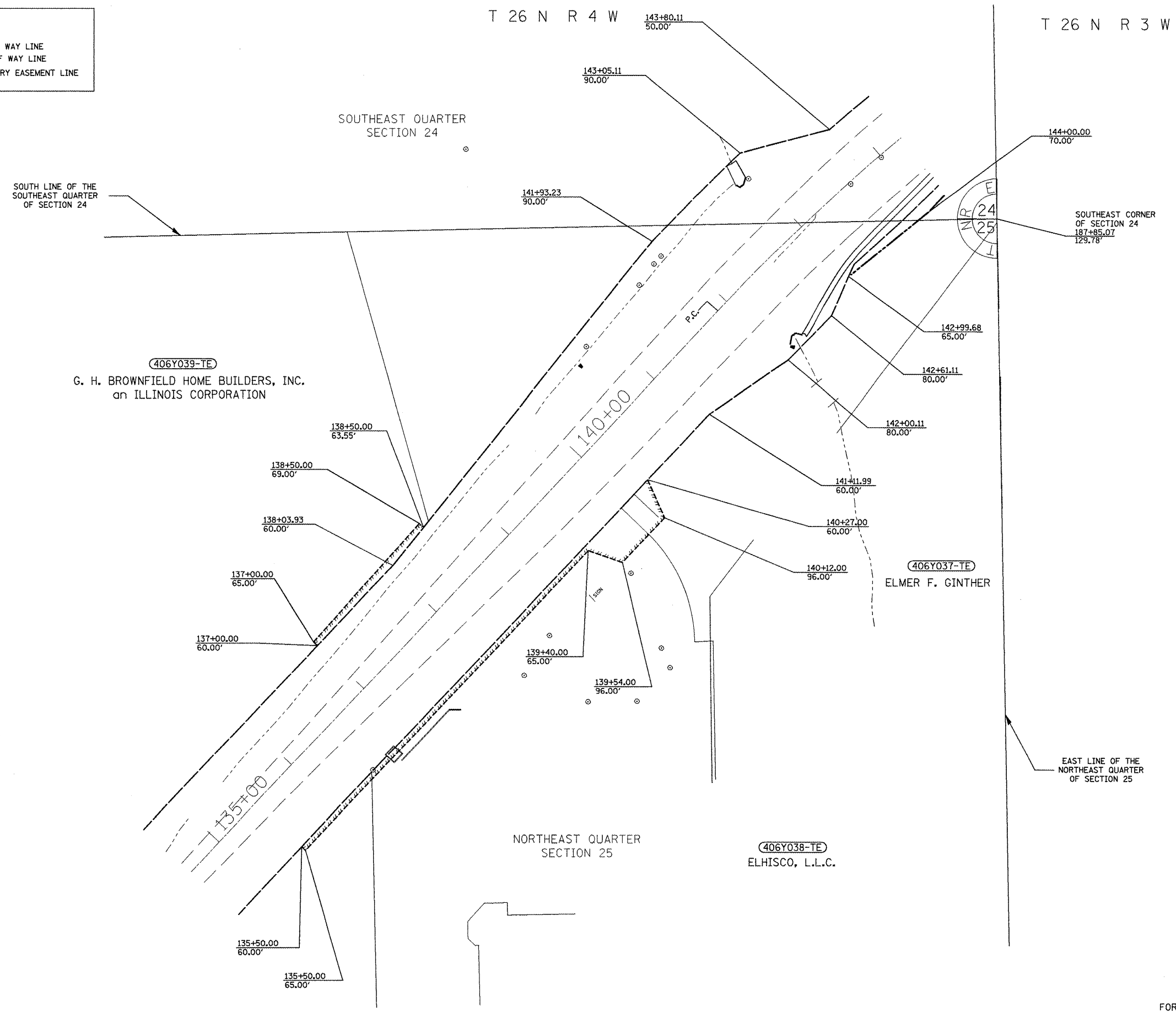
<b>BRIARGATE ROAD PLAN AND PROFILE</b>			
SCALE:	SHEET NO.	OF SHEETS	STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
399	36 R-8	TAZEWELL	429	134
CONTRACT NO. 68258				
FED. ROAD DIST. NO. 4 ILLINOIS FED. AID PROJECT				





LEGEND	
	EXISTING RIGHT OF WAY LINE
	PROPOSED RIGHT OF WAY LINE
	PROPOSED TEMPORARY EASEMENT LINE



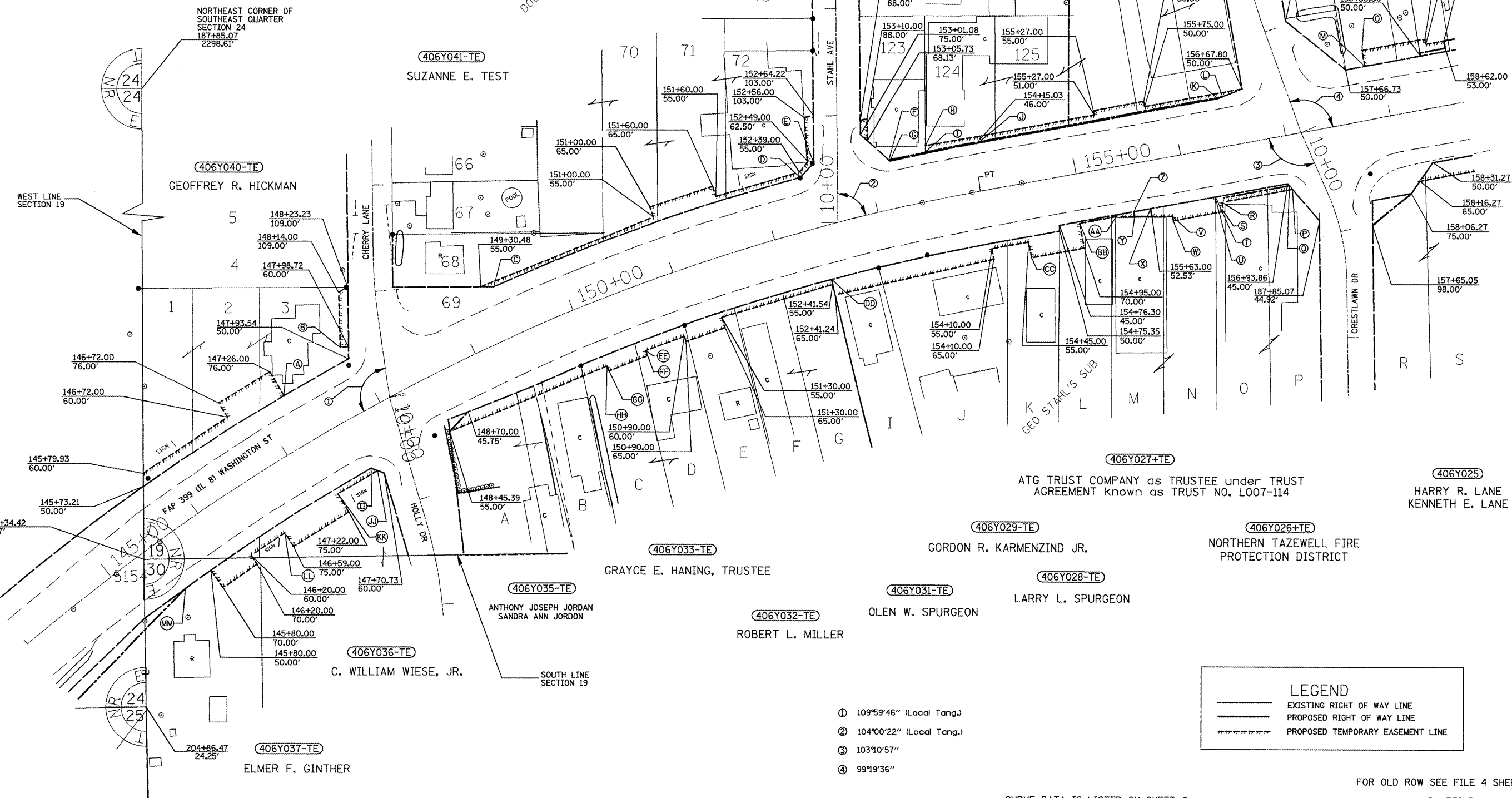
FOR OLD ROW SEE FILE 4 SHEET(S) 20  
 PLATFILE: 019

FILE NAME j18eeg3.m32 jobrow.gpk librow.lpf Field Book No. 2870	USER NAME = crespole	DESIGNED - PCF	REVISED -	<b>STATE OF ILLINOIS</b> <b>DEPARTMENT OF TRANSPORTATION</b>	<b>RIGHT OF WAY PLANS</b>		F.A.P. RTE. 399	SECTION 36 R-8	COUNTY TAZEWELL	TOTAL SHEETS 429/135
	PLOT SCALE = 200.0000' / IN. PLOT DATE = 12/8/2008	DRAWN - MLA	CHECKED - PCF		REVISED -	PROJECT SHEET NO. 1 OF 6 SHEETS	JOB NO. R-94-006-07 STA. TO STA.	(IL 8)	030427-06	CONTRACT NO. 68258

T 26 N R 4 W

T 26 N R 3 W

- Ⓐ 147+26.00 50.00'    Ⓚ 156+43.80 45.00'    Ⓛ 156+24.58 47.00'    Ⓔ 150+50.00 60.00'
- Ⓑ 147+92.00 63.00'    Ⓛ 156+48.60 46.00'    Ⓜ 155+82.00 56.00'    Ⓕ 150+50.00 65.00'
- Ⓒ 149+41.38 50.00'    Ⓜ 157+85.00 50.00'    Ⓨ 155+82.00 60.00'    Ⓖ 150+10.00 65.00'
- Ⓓ 152+38.47 50.00'    Ⓨ 157+19.61 105.00'    ⓧ 155+63.00 45.00'    Ⓗ 150+10.00 60.00'
- Ⓔ 152+53.88 60.00'    ⓧ 157+85.00 65.00'    Ⓣ 155+47.00 49.61'    Ⓙ 147+62.03 50.00'
- Ⓕ 153+20.98 46.00'    Ⓣ 156+97.31 51.00'    Ⓤ 155+47.00 45.00'    Ⓚ 147+66.36 55.00'
- Ⓖ 153+21.68 45.00'    Ⓚ 156+95.01 47.00'    Ⓛ 155+30.00 46.50'    Ⓛ 147+22.00 55.00'
- Ⓗ 153+56.21 51.87'    Ⓛ 156+30.00 51.00'    Ⓛ 154+95.00 46.50'    Ⓛ 146+59.00 60.00'
- Ⓛ 153+55.06 46.00'    Ⓛ 156+30.00 60.00'    Ⓛ 154+45.00 70.00'    Ⓛ 145+50.00 50.00'
- Ⓛ 154+15.03 45.00'    Ⓛ 156+24.93 45.00'    Ⓛ 152+41.69 50.00'



LEGEND	
	EXISTING RIGHT OF WAY LINE
	PROPOSED RIGHT OF WAY LINE
	PROPOSED TEMPORARY EASEMENT LINE

- ① 109°59'46" (Local Tang.)
- ② 104°00'22" (Local Tang.)
- ③ 103°10'57"
- ④ 99°19'36"

CURVE DATA IS LISTED ON SHEET 6

FOR OLD ROW SEE FILE 4 SHEET(S) 20  
PLATFILE: 019

FILE NAME: j18seg3.m32  
jobrow.gpk  
l8brow.lpf  
Field Book No. 2870

USER NAME = crespole	DESIGNED - PCF	REVISED -
PLLOT SCALE = 200.0000' / IN.	DRAWN - MLA	REVISED -
PLLOT DATE = 12/8/2008	CHECKED - PCF	REVISED -
	DATE - 12-2008	REVISED -

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

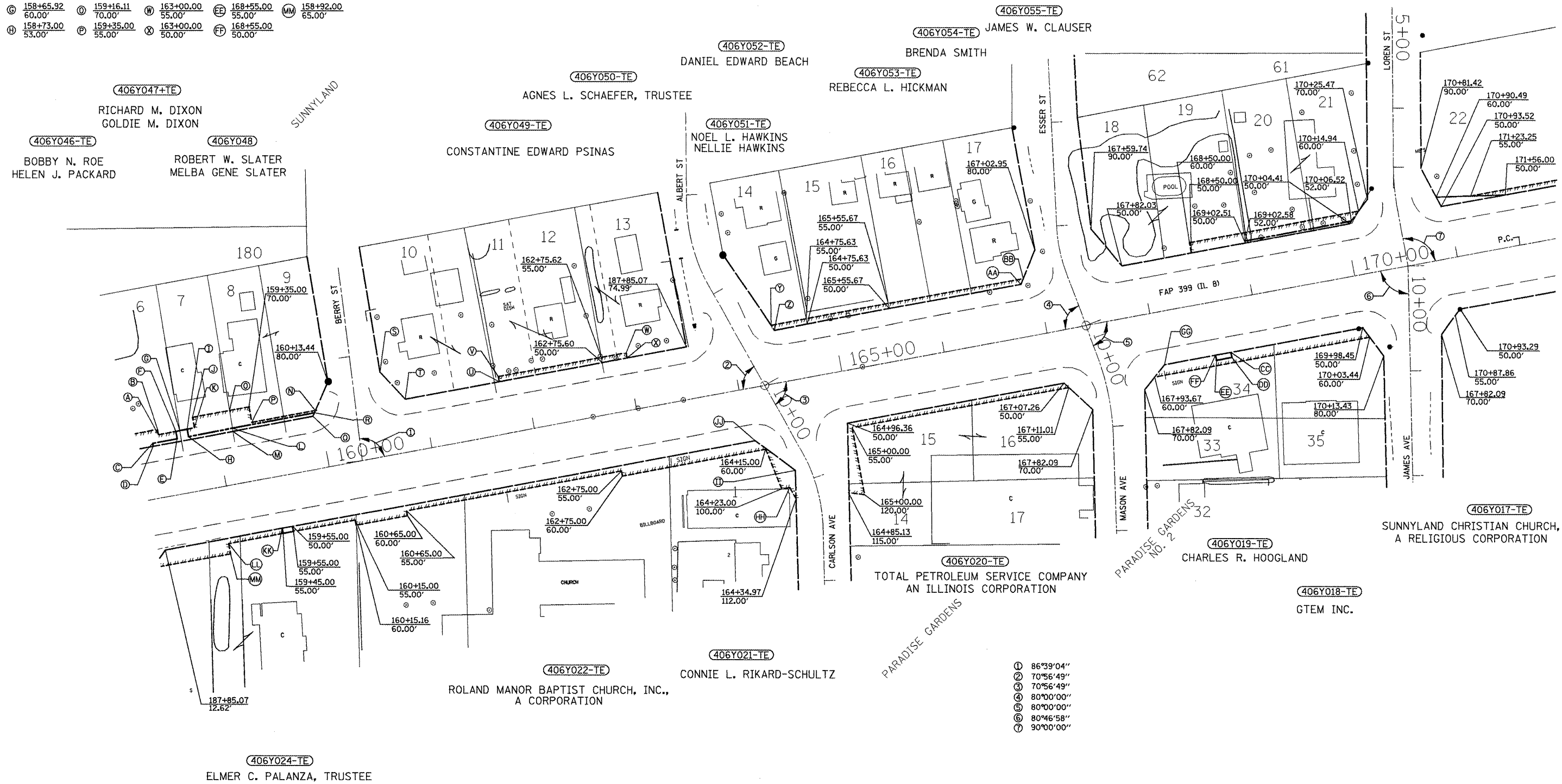
RIGHT OF WAY PLANS	
PROJECT	JOB NO. R-94-006-07
SHEET NO. 2 OF 6 SHEETS	STA. TO STA.
SCALE: 1"=100'	FED. ROAD DIST. NO. [ILLINOIS] FED. AID PROJECT

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
399	36R-8	TAZEWELL	479	136
(IL 8)	030427-06		CONTRACT NO. 68258	





- (A) 158+45.00 60.00'    (D) 158+73.00 60.00'    (G) 159+93.44 50.00'    (V) 164+41.60 55.00'    (GG) 168+05.25 50.00'
- (B) 158+45.00 65.00'    (I) 158+80.00 70.00'    (R) 159+95.44 53.00'    (Z) 164+43.81 50.00'    (HH) 164+31.00 100.00'
- (C) 158+38.00 53.00'    (K) 158+80.00 60.00'    (S) 160+64.14 80.00'    (AA) 166+83.97 50.00'    (II) 164+39.28 85.00'
- (D) 158+38.00 50.00'    (L) 159+15.79 53.00'    (T) 160+83.26 80.00'    (BB) 166+87.13 55.00'    (JJ) 164+06.48 50.00'
- (E) 158+62.00 53.00'    (M) 159+15.73 50.00'    (U) 161+75.00 50.00'    (CC) 168+70.00 50.00'    (KK) 159+45.00 50.00'
- (F) 158+62.00 60.00'    (N) 159+96.77 55.00'    (V) 161+75.00 55.00'    (DD) 168+70.00 55.00'    (LL) 158+92.00 55.00'
- (G) 158+65.92 60.00'    (O) 159+16.11 70.00'    (W) 163+00.00 55.00'    (EE) 168+55.00 55.00'    (MM) 158+92.00 65.00'
- (H) 158+73.00 53.00'    (P) 159+35.00 55.00'    (X) 163+00.00 50.00'    (FF) 168+55.00 50.00'



- ① 86°39'04"
- ② 70°56'49"
- ③ 70°56'49"
- ④ 80°00'00"
- ⑤ 80°00'00"
- ⑥ 80°46'58"
- ⑦ 90°00'00"

LEGEND	
	EXISTING RIGHT OF WAY LINE
	PROPOSED RIGHT OF WAY LINE
	PROPOSED TEMPORARY EASEMENT LINE

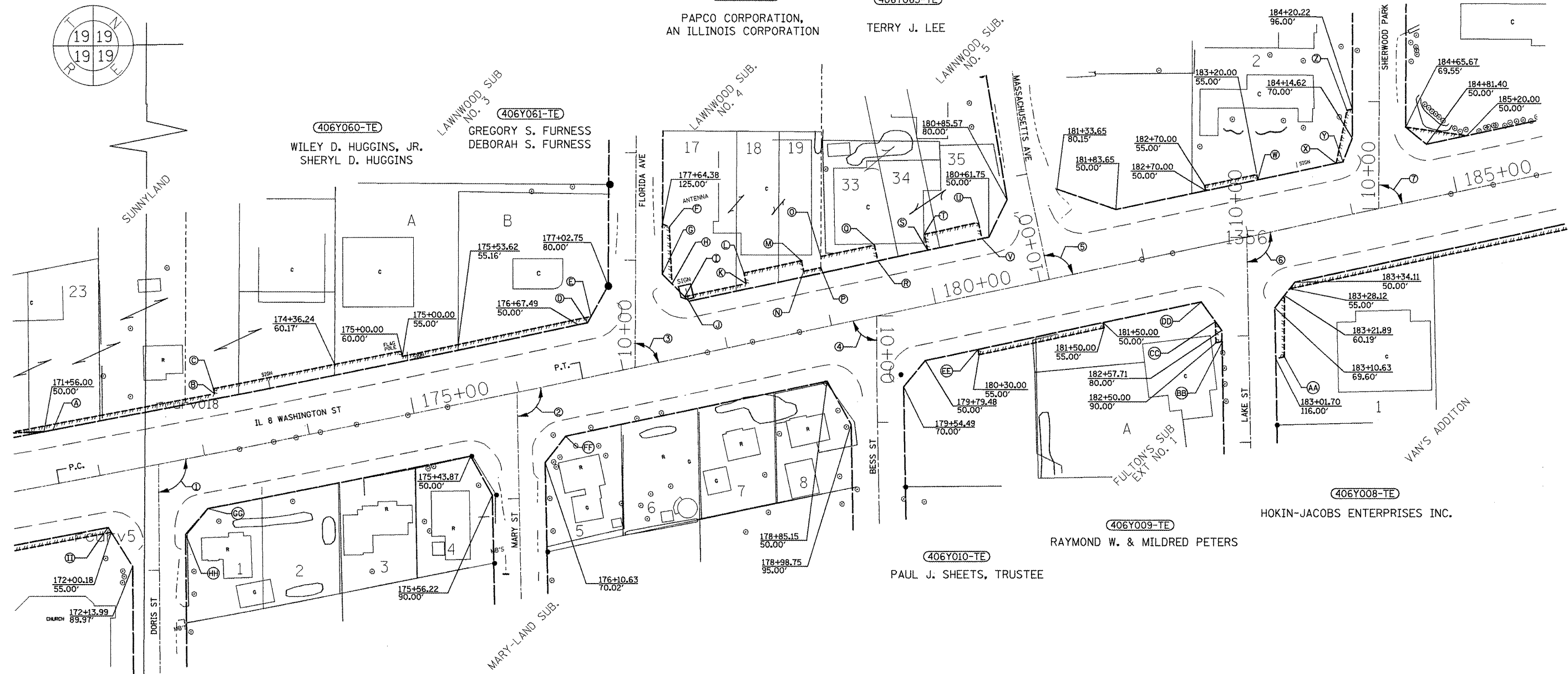
FOR OLD ROW SEE FILE 4 SHEET(S) 20

PLATFILE: 019

FILE NAME: i18seg3.m32 Jobrow.gpk i18brow.lpf	USER NAME = crespole PLOT SCALE = 200.0000' / IN. PLOT DATE = 12/8/2008	DESIGNED - PCF DRAWN - MLA CHECKED - PCF DATE - 12-2008	REVISED - REVISED - REVISED - REVISED -	<b>STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION</b>	<b>RIGHT OF WAY PLANS</b>	F.A.P. RTE. 399 (IL 8) FED. ROAD DIST. NO.	SECTION 36R-8 030427-06 ILLINOIS FED. AID PROJECT	COUNTY TAZEWELL	TOTAL SHEETS 429	SHEET NO. 157 CONTRACT NO. 68258
				SCALE: 1"=100'	PROJECT SHEET NO. 3 OF 6 SHEETS	JOB NO. STA.	TO STA.			

LEGEND	
	EXISTING RIGHT OF WAY LINE
	PROPOSED RIGHT OF WAY LINE
	PROPOSED TEMPORARY EASEMENT LINE

- ① 100°26'35" (Local Tang.)
- ② 100°39'19" (Local Tang.)
- ③ 77°42'39"
- ④ 78°06'22"
- ⑤ 90°21'21"
- ⑥ 100°53'06"
- ⑦ 77°50'38"



A 171+64.57 50.00'	H 177+61.51 69.20'	O 179+03.69 65.00'	V 180+55.00 50.00'	CC 182+53.68 70.86'
B 173+20.00 55.00'	I 177+70.63 55.00'	P 179+01.51 55.00'	W 183+20.00 50.00'	DD 182+44.48 50.00'
C 173+20.00 60.00'	Q 177+73.84 50.00'	U 179+55.00 65.00'	X 183+95.00 50.00'	EE 181+50.00 50.00'
D 176+76.45 50.00'	K 178+30.00 55.00'	R 179+55.00 50.00'	Y 184+01.53 50.00'	FF 176+34.39 50.00'
E 176+80.86 55.03'	L 178+30.00 65.00'	S 180+03.00 65.00'	Z 184+15.00 96.00'	GG 172+93.23 50.00'
F 177+70.00 121.00'	M 178+85.00 55.00'	T 180+03.00 50.00'	AA 183+10.00 116.00'	HH 172+87.00 55.00'
G 177+54.57 80.00'	N 178+85.00 65.00'	U 180+55.00 65.00'	BB 182+55.79 90.00'	II 171+98.20 50.00'

FOR OLD ROW SEE FILE 4 SHEET(S) 20

PLATFILE: 019

FILE NAME: 118seg3.m32  
Jobrow.gpk  
118row.lpf

USER NAME = crespole  
PLOT SCALE = 200.0000' / IN.  
PLOT DATE = 12/8/2008

DESIGNED - PCF	REVISED -
DRAWN - MLA	REVISED -
CHECKED - PCF	REVISED -
DATE - 12-2008	REVISED -

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**RIGHT OF WAY PLANS**

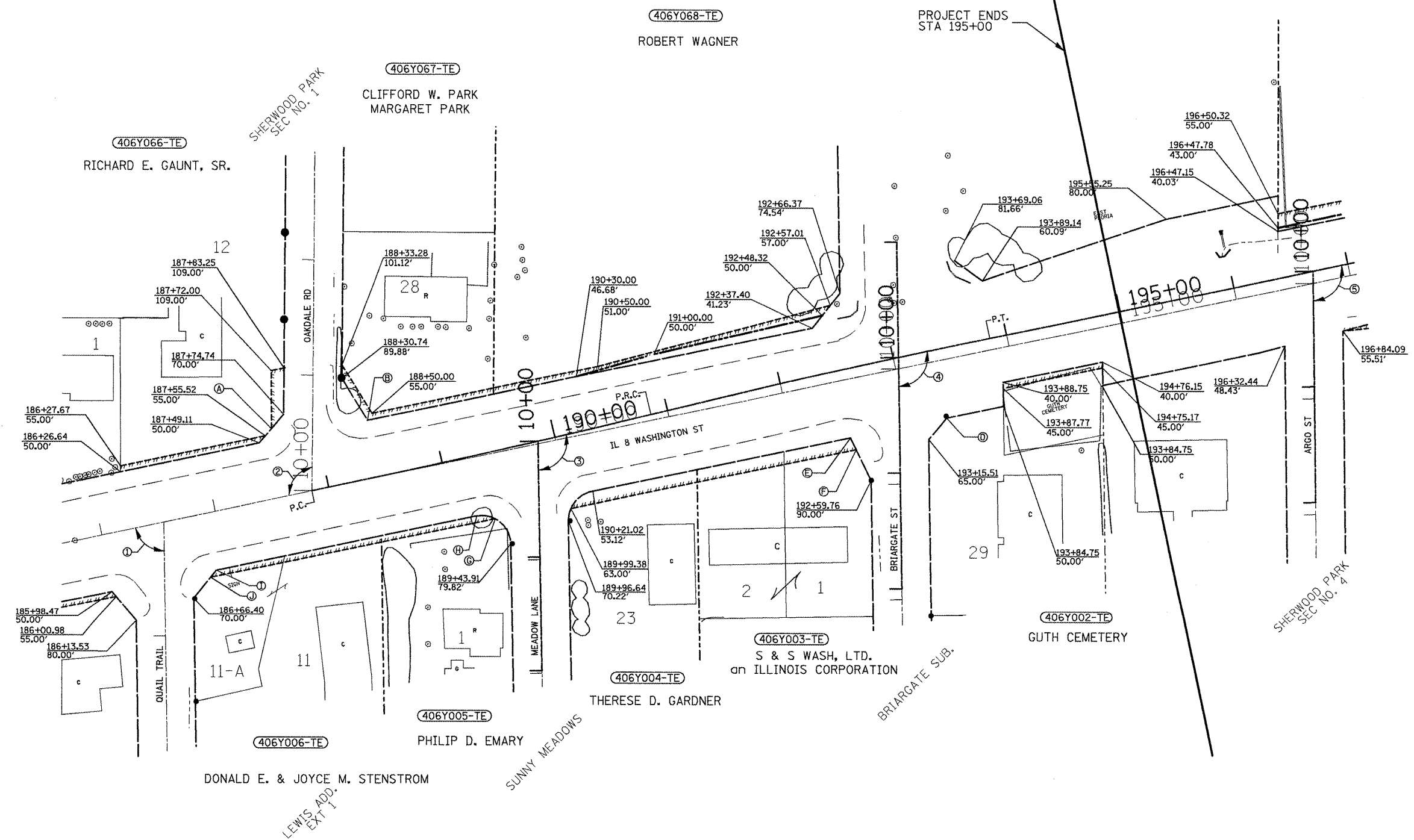
PROJECT	JOB NO. R-94-006-07
SHEET NO. 4 OF 6 SHEETS	STA. TO STA.

SCALE: 1"=100'

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
399	36R-8	TAZEWELL	429	138
(IL 8)	030427-06	CONTRACT NO. 68258		
FED. ROAD DIST. NO.	ILLINOIS FED. AID PROJECT			

- |                       |                       |                            |
|-----------------------|-----------------------|----------------------------|
| Ⓐ 187+61.93<br>60.00' | Ⓕ 192+51.57<br>70.00' | ① 79°02'22"                |
| Ⓑ 188+44.92<br>49.79' | Ⓖ 189+34.39<br>57.00' | ② 102°17'50"               |
| Ⓒ 197+97.52<br>49.00' | Ⓗ 189+19.36<br>51.02' | ③ 102°03'38" (Local Tang.) |
| Ⓓ 193+34.55<br>50.00' | Ⓘ 186+90.49<br>50.00' | ④ 101°27'12" (Local Tang.) |
| Ⓔ 192+48.97<br>58.96' | Ⓝ 186+84.46<br>55.00' | ⑤ 101°09'24"               |

TALL OAKS  
SUBDIVISION



406Y007-TE  
DANIEL EDWARD BEACH

LEGEND	
	EXISTING RIGHT OF WAY LINE
	PROPOSED RIGHT OF WAY LINE
	PROPOSED TEMPORARY EASEMENT LINE

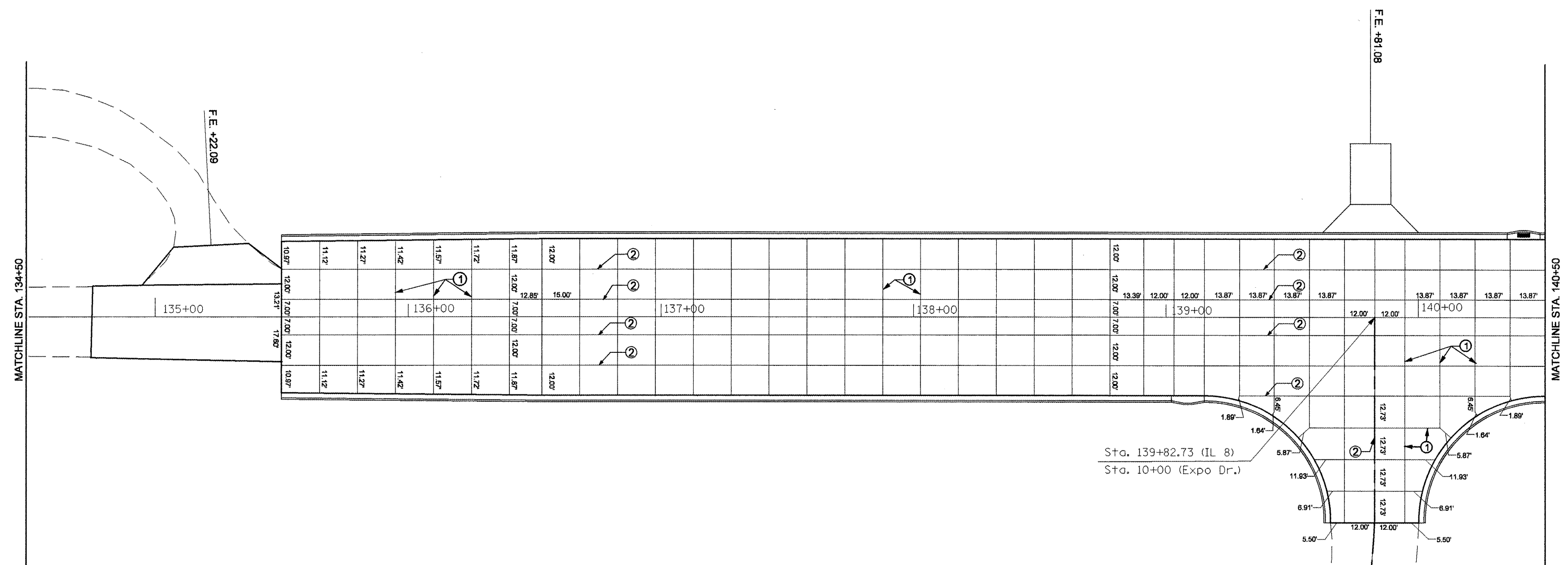
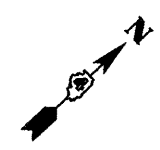
FOR OLD ROW SEE FILE 4 SHEET(S) 18D & 21

PLATFILE: 019

FILE NAME 118seg3.m32	USER NAME = crespole	DESIGNED - PCF	REVISED -	<b>STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION</b>	<b>RIGHT OF WAY PLANS</b>			F.A.P. RTE. 399	SECTION 36R-8	COUNTY TAZEWELL	TOTAL SHEETS 429	SHEET NO. 139
jobrow.gpk 118brow.lpf	PLOT SCALE = 200.0000' / IN.	DRAWN - MLA	REVISED -		PROJECT	JOB NO. R-94-006-07	STA.	TO STA.	(IL 8)	030427-06	CONTRACT NO. 68258	
Field Book No. 2870	PLOT DATE = 12/8/2008	CHECKED - PCF	REVISED -		SCALE: 1"=100'	SHEET NO. 5 OF 6 SHEETS			FED. ROAD DIST. NO.	ILLINOIS FED. AID PROJECT		
		DATE - 12-2008	REVISED -									







- LEGEND:**
- ① Sawed Contraction Joint
  - ② Construction Joint

Sta. 139+82.73 (IL 8)  
Sta. 10+00 (Expo Dr.)

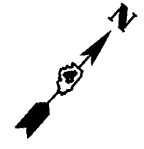
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		DRAWN -	REVISED -
	PLOT SCALE = 40.0000' / IN.	CHECKED -	REVISED -
	PLOT DATE = 12/29/2008	DATE -	REVISED -

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

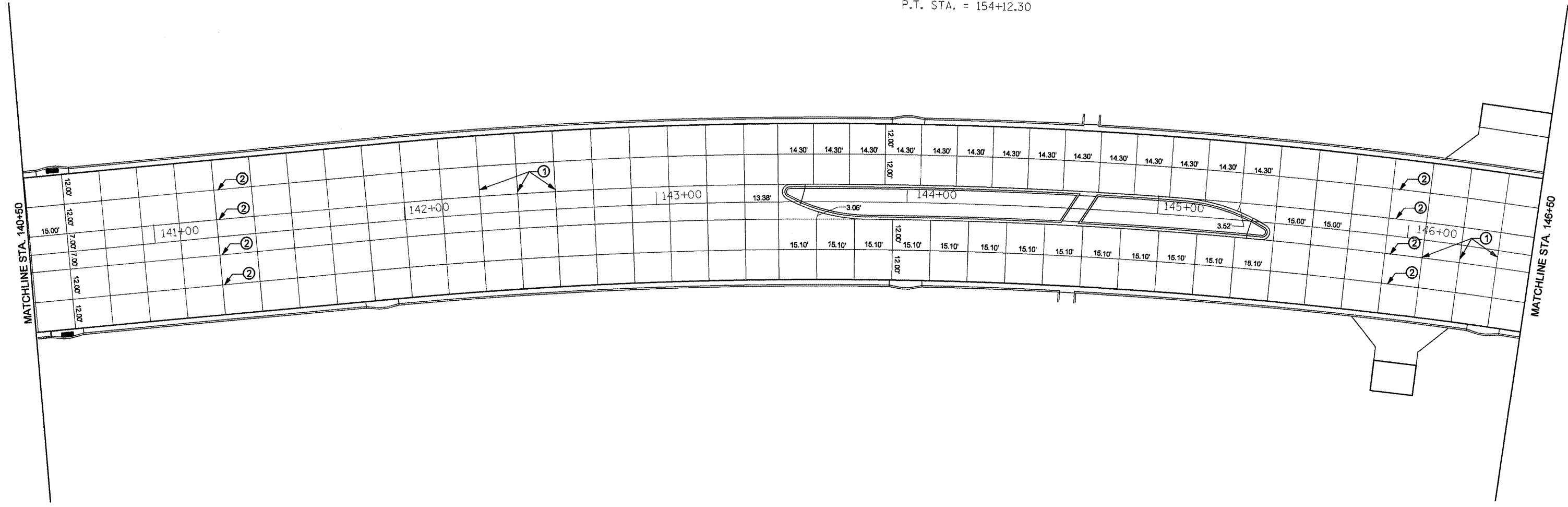
**IL RTE 8 - PAVEMENT JOINT DETAILS**

SCALE: SHEET NO. OF SHEETS STA. 134+50 TO STA. 140+50

F.A.P. RTE. 399	SECTION 36 R-8	COUNTY TAZEWELL	TOTAL SHEETS 429	SHEET NO. 141
CONTRACT NO. 68258				
FED. ROAD DIST. NO. 4 ILLINOIS FED. AID PROJECT				



EXIST. CURVE 7  
 PI STA. = 148+21.44  
 $\Delta = 36^\circ 17' 39''$  (RT)  
 D =  $2^\circ 57' 51''$   
 R = 1,932.86'  
 T = 633.52'  
 L = 1,224.38'  
 E = 101.17'  
 e = -----  
 T.R. = -----  
 S.E. RUN = -----  
 P.C. STA. = 141+87.92  
 P.T. STA. = 154+12.30

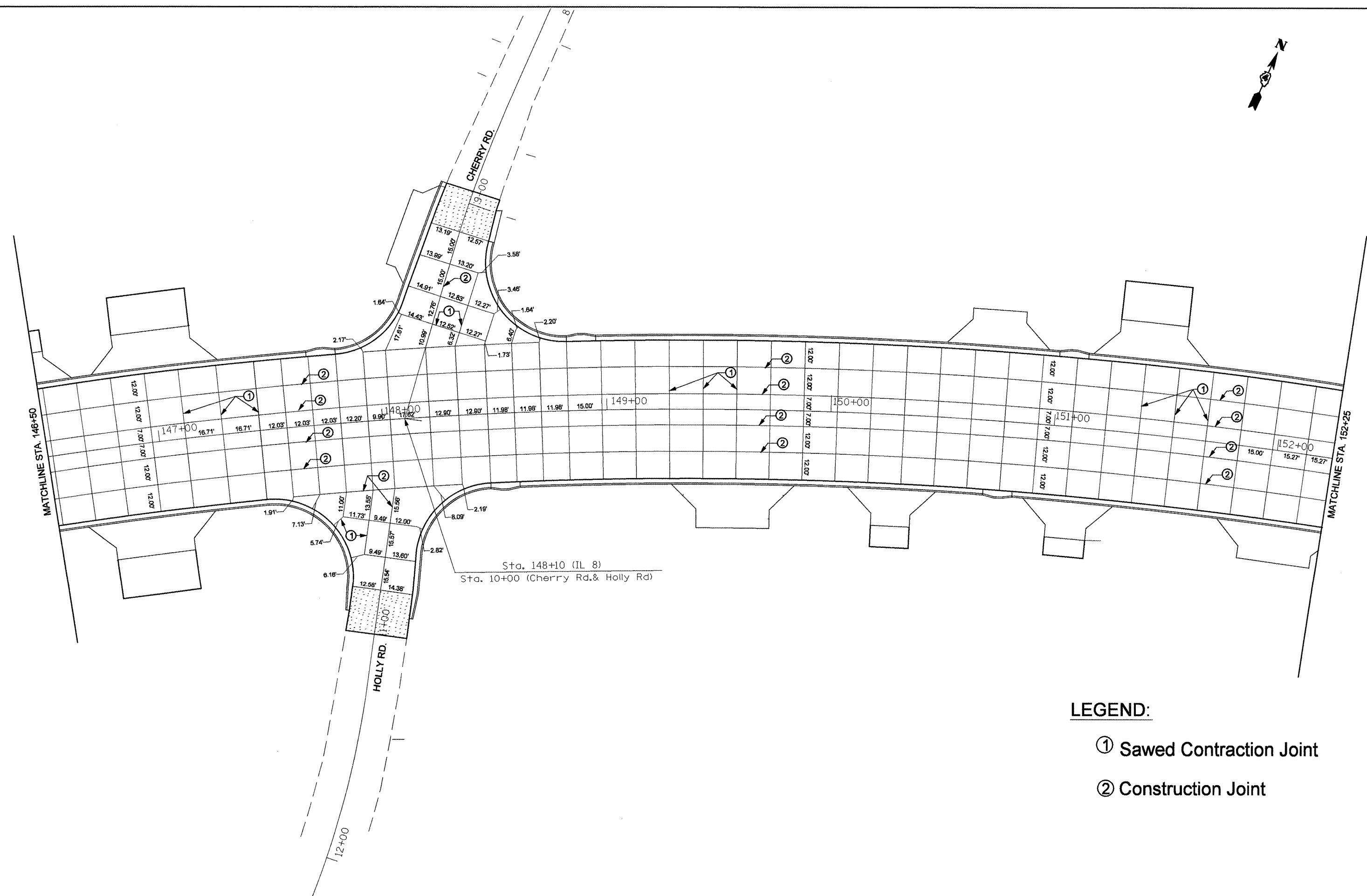


**LEGEND:**

- ① Sawed Contraction Joint
- ② Construction Joint

FILE NAME = JoIntSht.dgn	USER NAME = heggiecmd	DESIGNED -	REVISED -	<b>STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION</b>	<b>IL RTE 8 - PAVEMENT JOINT DETAILS</b>	F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	PLOT SCALE = 48.0000' / IN.	DRAWN -	REVISED -			399	36 R-8	TAZEWELL	429	142
	PLOT DATE = 12/29/2008	CHECKED -	REVISED -			<b>CONTRACT NO. 68258</b>				
					SCALE:	SHEET NO. OF SHEETS		STA. 140+50 TO STA. 146+50		FED. ROAD DIST. NO. 4 ILLINOIS FED. AID PROJECT

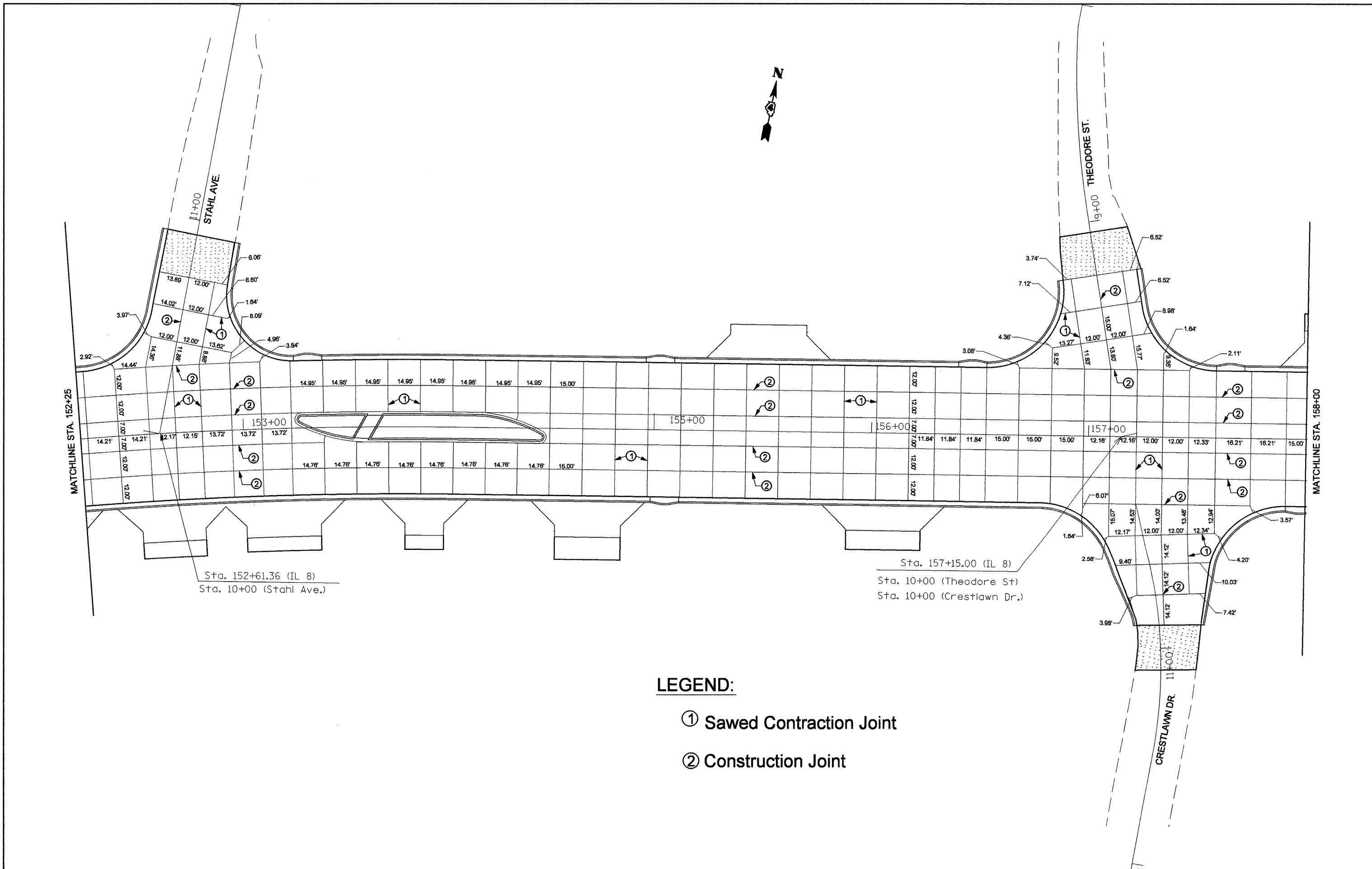




**LEGEND:**

- ① Sawn Contraction Joint
- ② Construction Joint

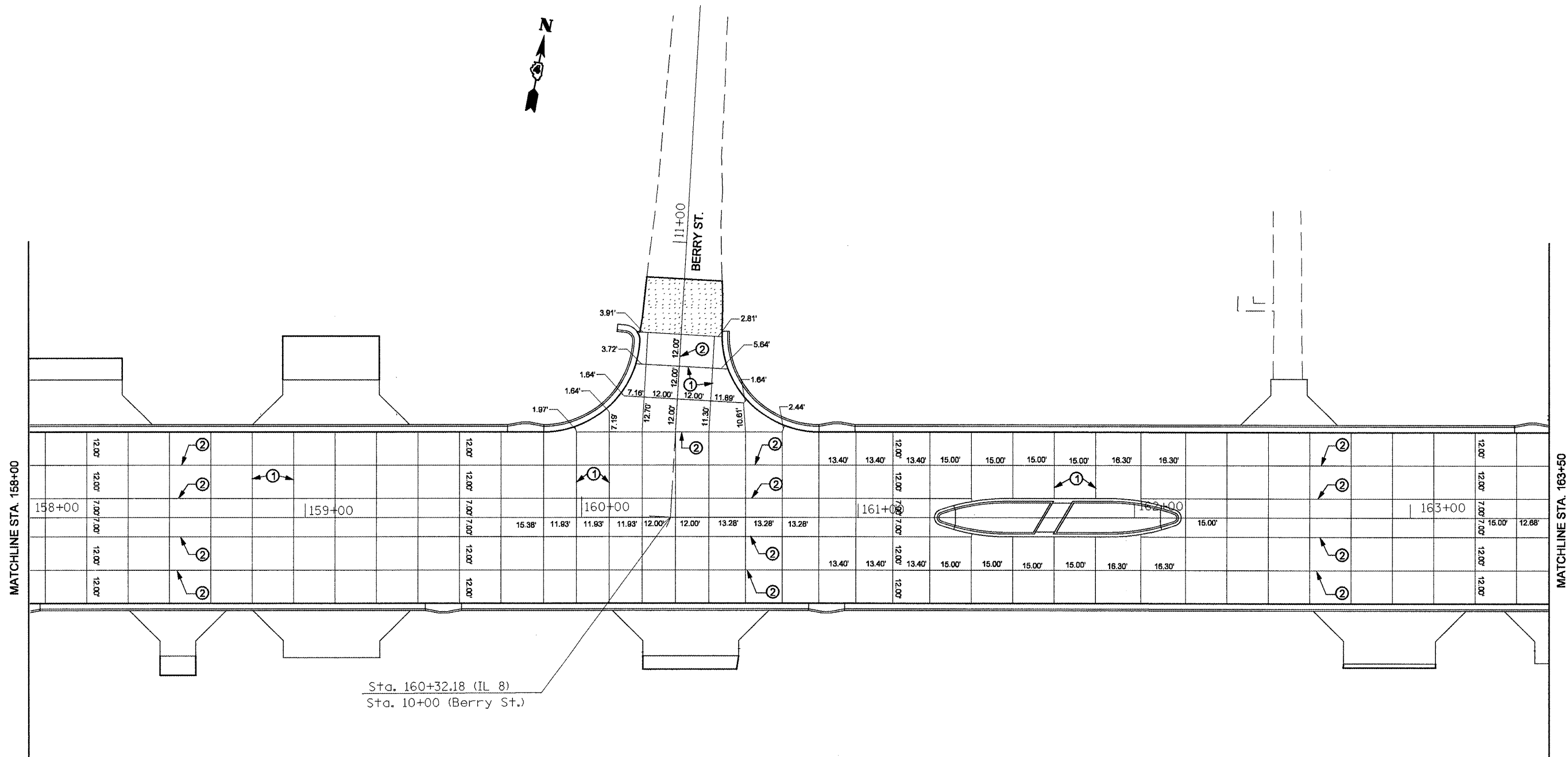
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	PLDT SCALE = 40.0000' / IN.	DRAWN -	REVISED -					399	36 R-8	TAZEWELL	429	143
	PLDT DATE = 12/29/2008	CHECKED -	REVISED -					CONTRACT NO. 68258				
	DATE -	REVISED -		SCALE:	SHEET NO. OF SHEETS	STA. TO STA.	FED. ROAD DIST. NO. 4 ILLINOIS FED. AID PROJECT					



**LEGEND:**

- ① Sawed Contraction Joint
- ② Construction Joint

FILE NAME = JointSht.dgn	USER NAME = heggiemd	DESIGNED -	REVISED -	<b>STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION</b>	<b>IL RTE 8 - PAVEMENT JOINT DETAILS</b>	F.A.P. RTE. 399	SECTION 36 R-8	COUNTY TAZEWELL	TOTAL SHEETS 429	SHEET NO. 144
	PLDT SCALE = 48.0000' / IN.	CHECKED -	REVISED -			SCALE: SHEET NO. OF SHEETS STA. TO STA.	FED. ROAD DIST. NO. 4 ILLINOIS FED. AID PROJECT	<b>CONTRACT NO. 68258</b>		
PLDT DATE = 12/29/2008	DATE -	REVISED -	REVISED -							



- LEGEND:**
- ① Sawed Contraction Joint
  - ② Construction Joint

FILE NAME = JointSht.dgn	USER NAME = heggieamd	DESIGNED -	REVISED -
		DRAWN -	REVISED -
		CHECKED -	REVISED -
		DATE -	REVISED -
	PLOT SCALE = 48.0000' / IN.		
	PLOT DATE = 12/29/2008		

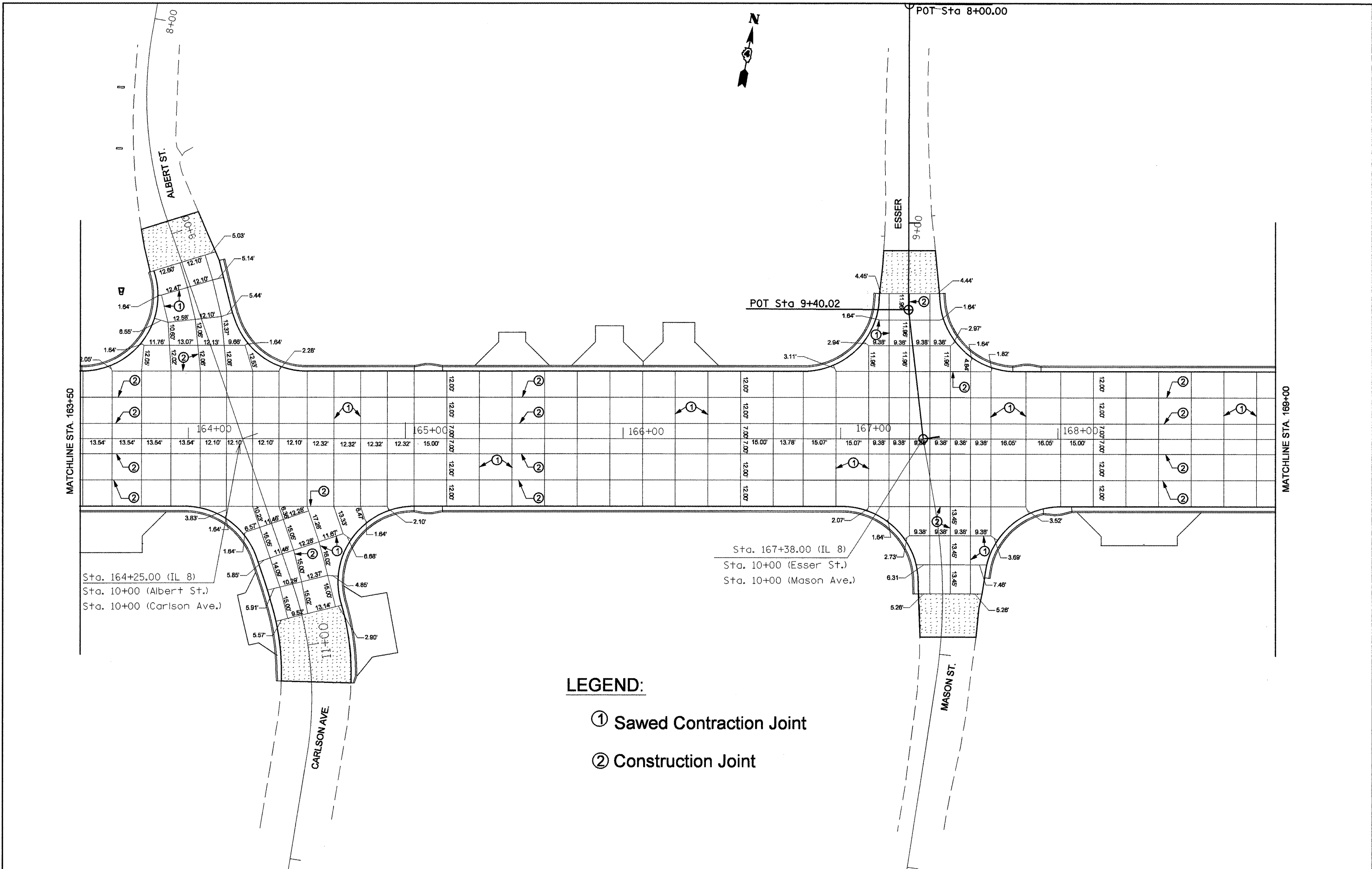
**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**IL RTE 8 - PAVEMENT JOINT DETAILS**

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

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
399	36 R-8	TAZEWELL	429	145
<b>CONTRACT NO. 68258</b>				
FED. ROAD DIST. NO. 4 ILLINOIS FED. AID PROJECT				





**LEGEND:**

- ① Sawed Contraction Joint
- ② Construction Joint

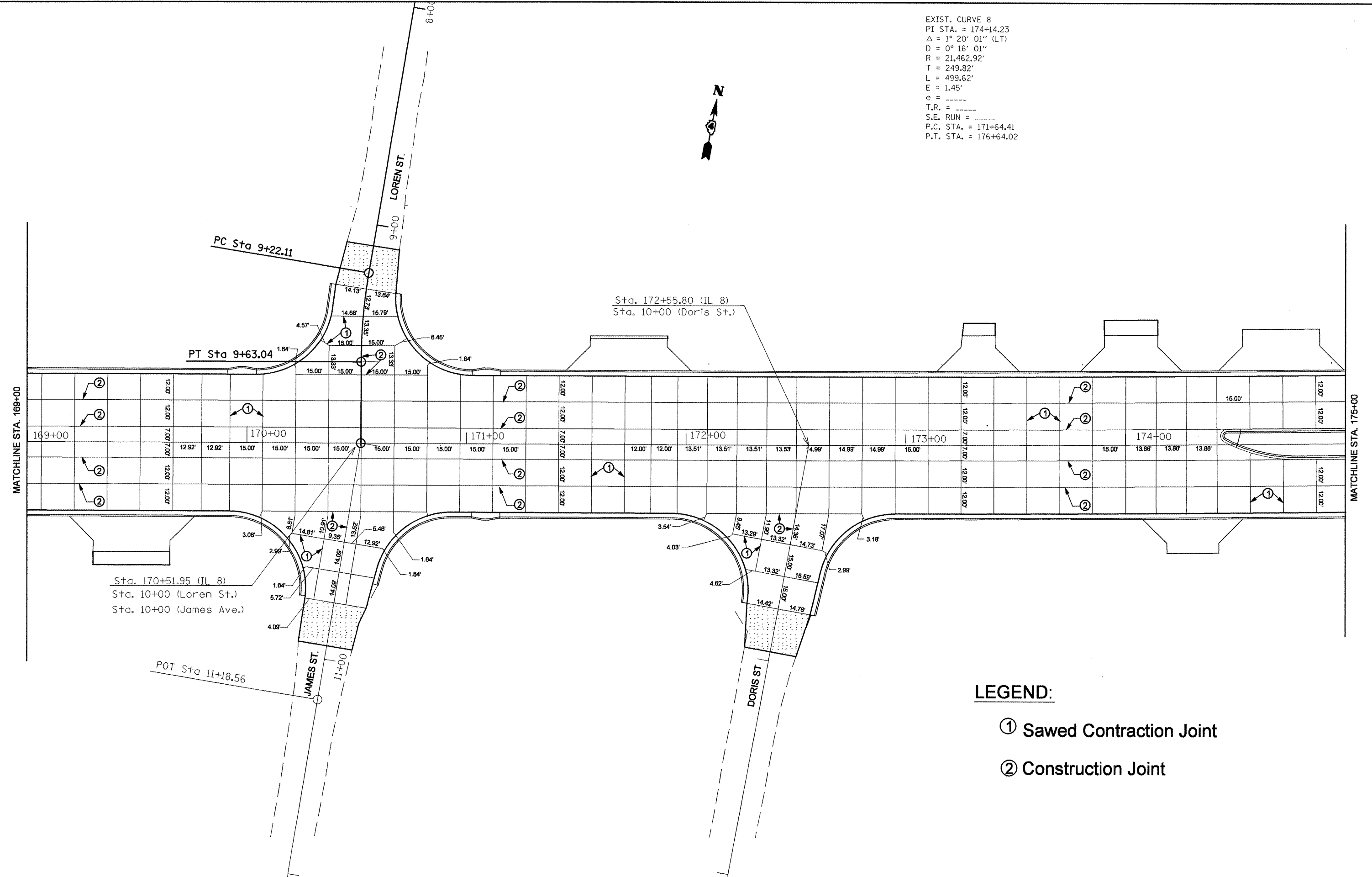
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		DRAWN -	REVISED -
		CHECKED -	REVISED -
		DATE -	REVISED -

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

<b>IL RTE 8 - PAVEMENT JOINT DETAILS</b>			
SCALE:	SHEET NO.	OF SHEETS	STA. TO STA.

F.A.3 RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
399	36 R-8	TAZEWELL	429	146
CONTRACT NO. 68258				
FED. ROAD DIST. NO. 4 ILLINOIS FED. AID PROJECT				

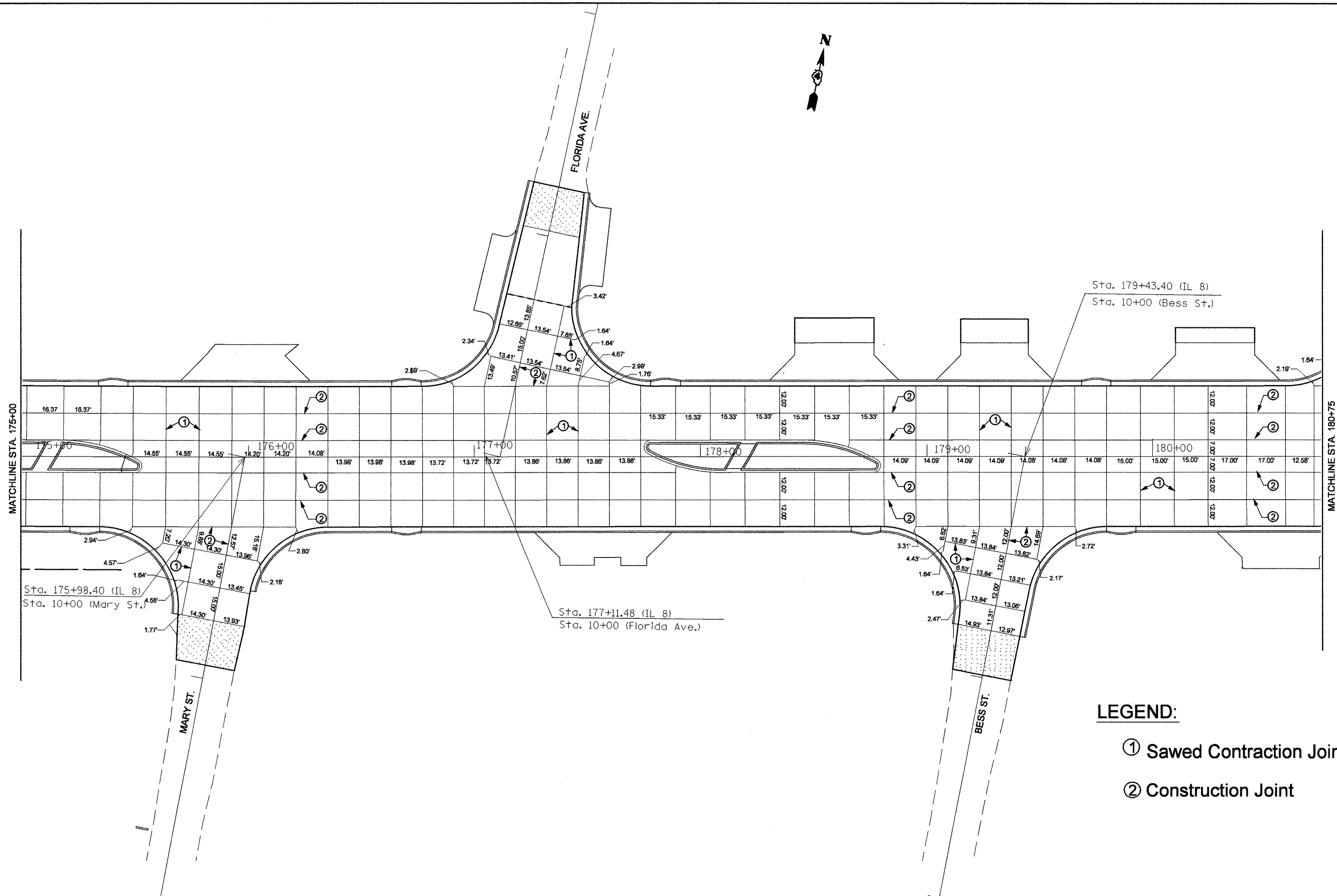
EXIST. CURVE 8  
 PI STA. = 174+14.23  
 $\Delta = 1^\circ 20' 01''$  (LT)  
 $D = 0^\circ 16' 01''$   
 $R = 21,462.92'$   
 $T = 249.82'$   
 $L = 499.62'$   
 $E = 1.45'$   
 $e = \text{-----}$   
 $T.R. = \text{-----}$   
 $S.E. RUN = \text{-----}$   
 P.C. STA. = 171+64.41  
 P.T. STA. = 176+64.02



**LEGEND:**

- ① Sawed Contraction Joint
- ② Construction Joint

FILE NAME = JointSht.dgn	USER NAME = heggiemd	DESIGNED -	REVISED -	<b>STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION</b>	<b>IL RTE 8 - PAVEMENT JOINT DETAILS</b>	F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	PLOT SCALE = 40,0000' / IN.	DRAWN -	REVISED -			399	36 R-8	TAZEWELL	429	147
	PLOT DATE = 12/29/2008	CHECKED -	REVISED -			CONTRACT NO. 68258				
				SCALE: SHEET NO. OF SHEETS STA. TO STA.		FED. ROAD DIST. NO. 4 ILLINOIS FED. AID PROJECT				

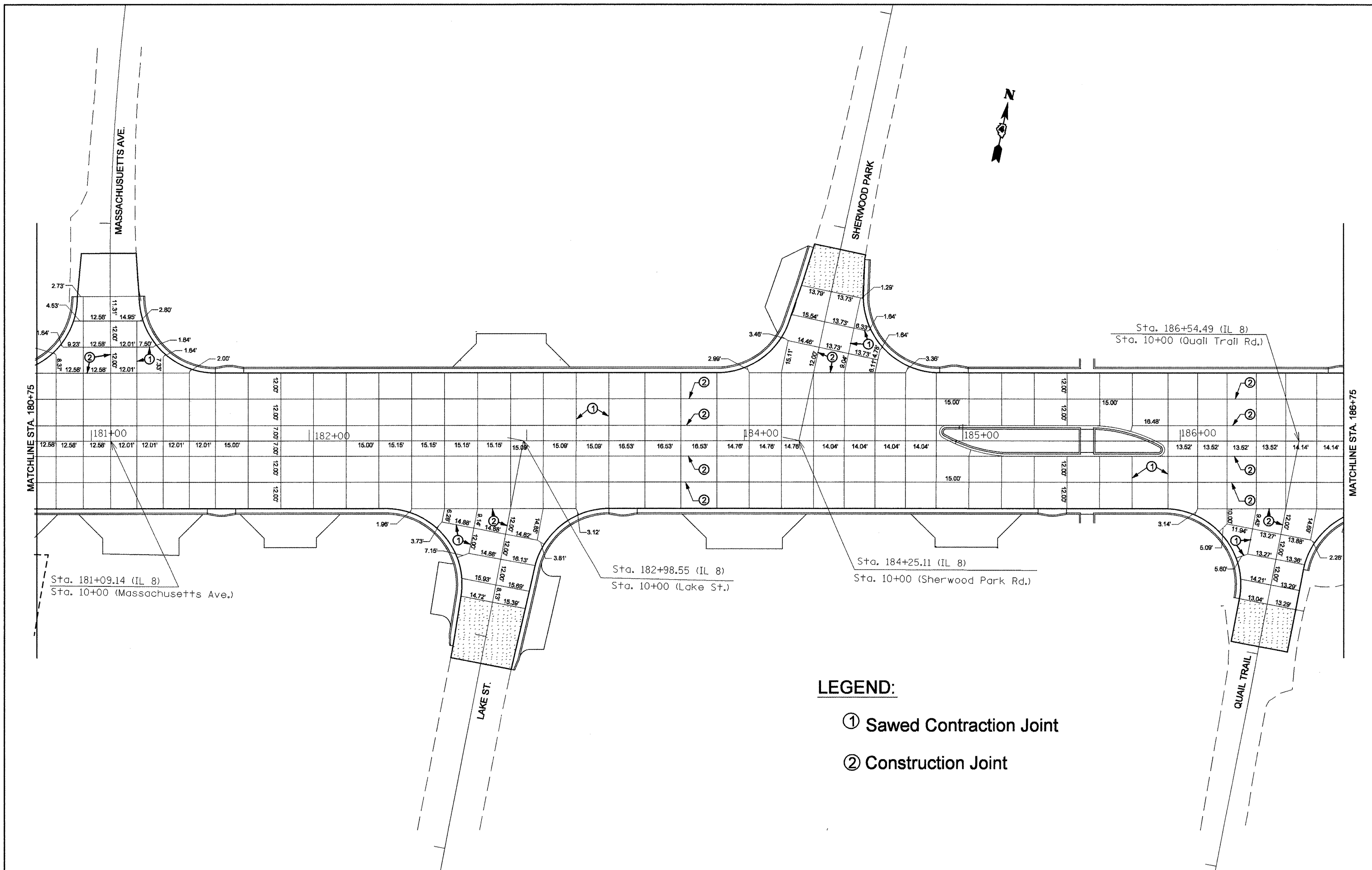


**LEGEND:**

- ① Sawn Contraction Joint
- ② Construction Joint

FILE NAME = JointSht.dgn	USER NAME = heggemd	DESIGNED -	REVISED -	<b>STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION</b>	<b>IL RTE 8 - PAVEMENT JOINT DETAILS</b>			F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	PLOT SCALE = 40.0000' / IN.	DRAWN -	REVISED -					399	36 R-8	TAZEWELL	429	148
	PLOT DATE = 12/29/2008	CHECKED -	REVISED -					CONTRACT NO. 68258				
	DATE -	REVISED -	FED. ROAD DIST. NO. 4 ILLINOIS FED. AID PROJECT									
					SCALE:	SHEET NO. OF SHEETS	STA.	TO STA.				





- LEGEND:**
- ① Sawn Contraction Joint
  - ② Construction Joint

FILE NAME = JointSht.dgn	USER NAME = heggrend	DESIGNED -	REVISED -
		DRAWN -	REVISED -
	PLOT SCALE = 40,0000' / IN.	CHECKED -	REVISED -
	PLOT DATE = 12/29/2006	DATE -	REVISED -

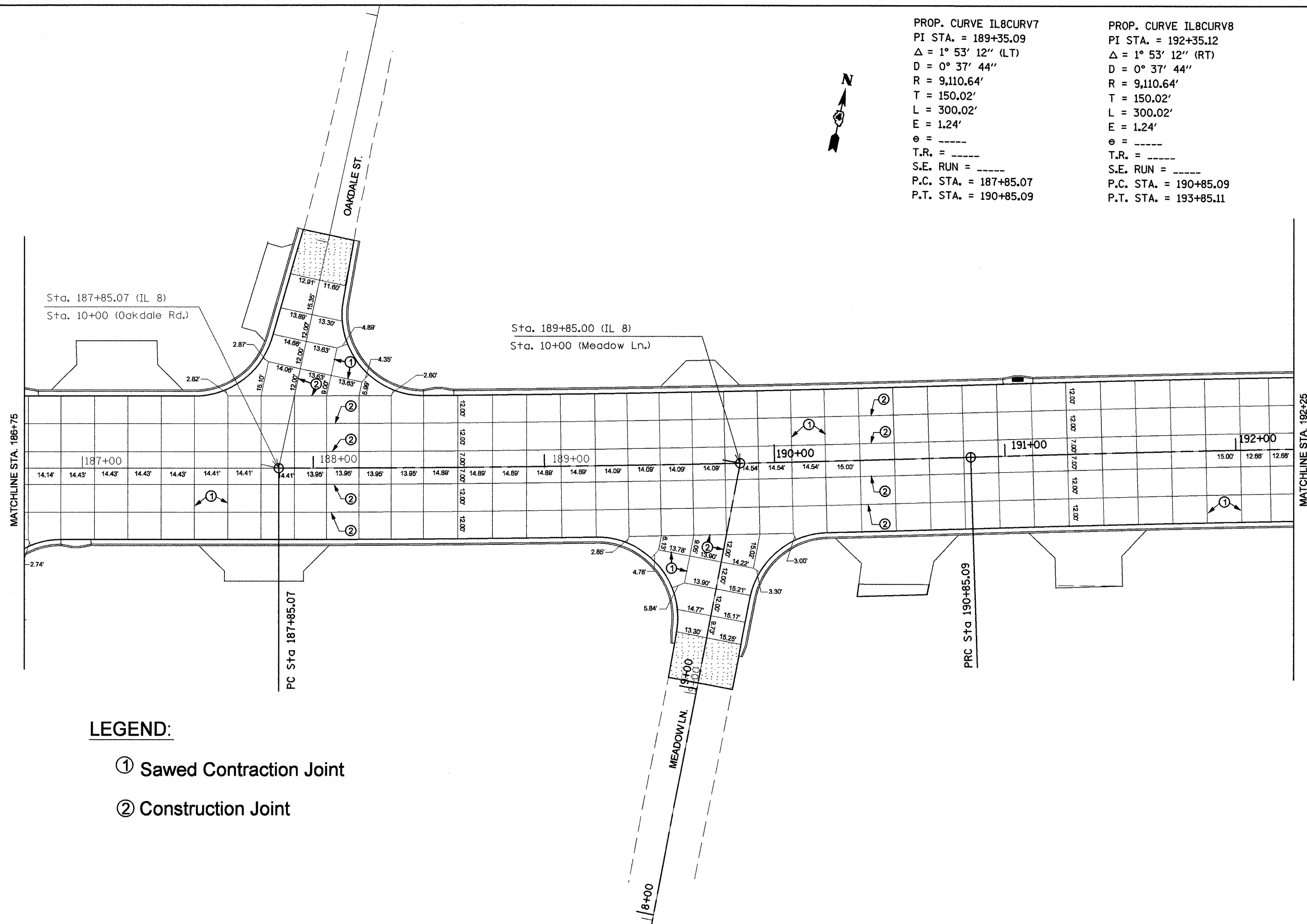
**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

<b>IL RTE 8 - PAVEMENT JOINT DETAILS</b>			
SCALE:	SHEET NO. OF SHEETS	STA. TO STA.	

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
399	36 R-8	TAZEWELL	429	149
FED. ROAD DIST. NO. 4 ILLINOIS FED. AID PROJECT				
<b>CONTRACT NO. 68258</b>				

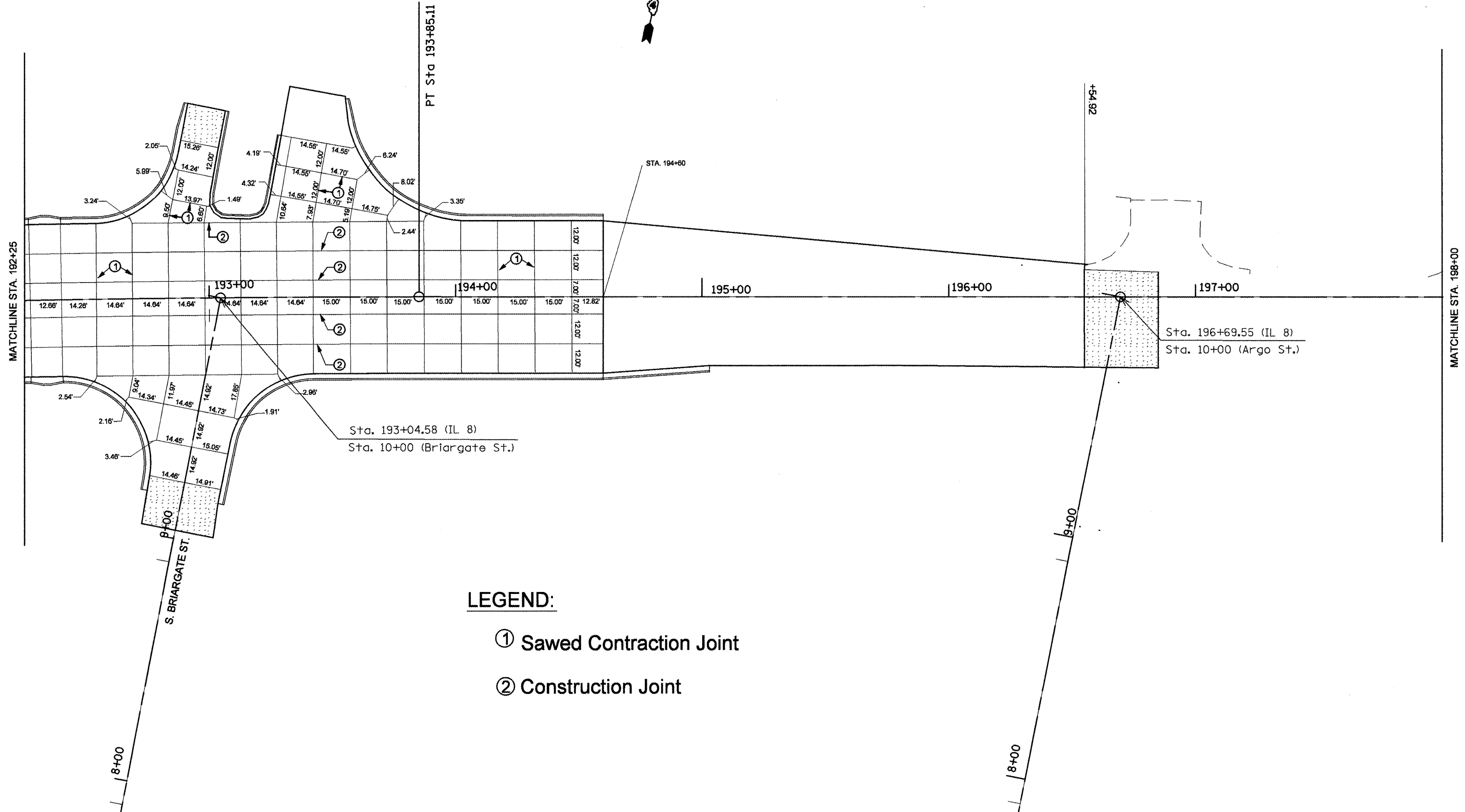
PROP. CURVE IL8CURV7  
 PI STA. = 189+35.09  
 $\Delta = 1^\circ 53' 12''$  (LT)  
 $D = 0^\circ 37' 44''$   
 $R = 9,110.64'$   
 $T = 150.02'$   
 $L = 300.02'$   
 $E = 1.24'$   
 $e = \text{-----}$   
 $T.R. = \text{-----}$   
 $S.E. RUN = \text{-----}$   
 $P.C. STA. = 187+85.07$   
 $P.T. STA. = 190+85.09$

PROP. CURVE IL8CURV8  
 PI STA. = 192+35.12  
 $\Delta = 1^\circ 53' 12''$  (RT)  
 $D = 0^\circ 37' 44''$   
 $R = 9,110.64'$   
 $T = 150.02'$   
 $L = 300.02'$   
 $E = 1.24'$   
 $e = \text{-----}$   
 $T.R. = \text{-----}$   
 $S.E. RUN = \text{-----}$   
 $P.C. STA. = 190+85.09$   
 $P.T. STA. = 193+85.11$



- LEGEND:**
- ① Sawed Contraction Joint
  - ② Construction Joint

FILE NAME = JointSht.dgn	USER NAME = heggemd	DESIGNED -	REVISED -	<b>STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION</b>	<b>IL RTE 8 - PAVEMENT JOINT DETAILS</b>			F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	PLOT SCALE = 40.0000' / IN.	DRAWN -	REVISED -					399	36 R-8	TAZEWELL	429	150
PLOT DATE = 12/29/2008	CHECKED -	DATE -	REVISED -	SCALE: SHEET NO. OF SHEETS STA. TO STA.			CONTRACT NO. 68258					
							FED. ROAD DIST. NO. 4 ILLINOIS FED. AID PROJECT					



**LEGEND:**

- ① Sawed Contraction Joint
- ② Construction Joint

FILE NAME = JointSht.dgn

USER NAME = heggemd  
 PLOT SCALE = 48.0000' / IN.  
 PLOT DATE = 12/29/2008

DESIGNED -	REVISED -
DRAWN -	REVISED -
CHECKED -	REVISED -
DATE -	REVISED -

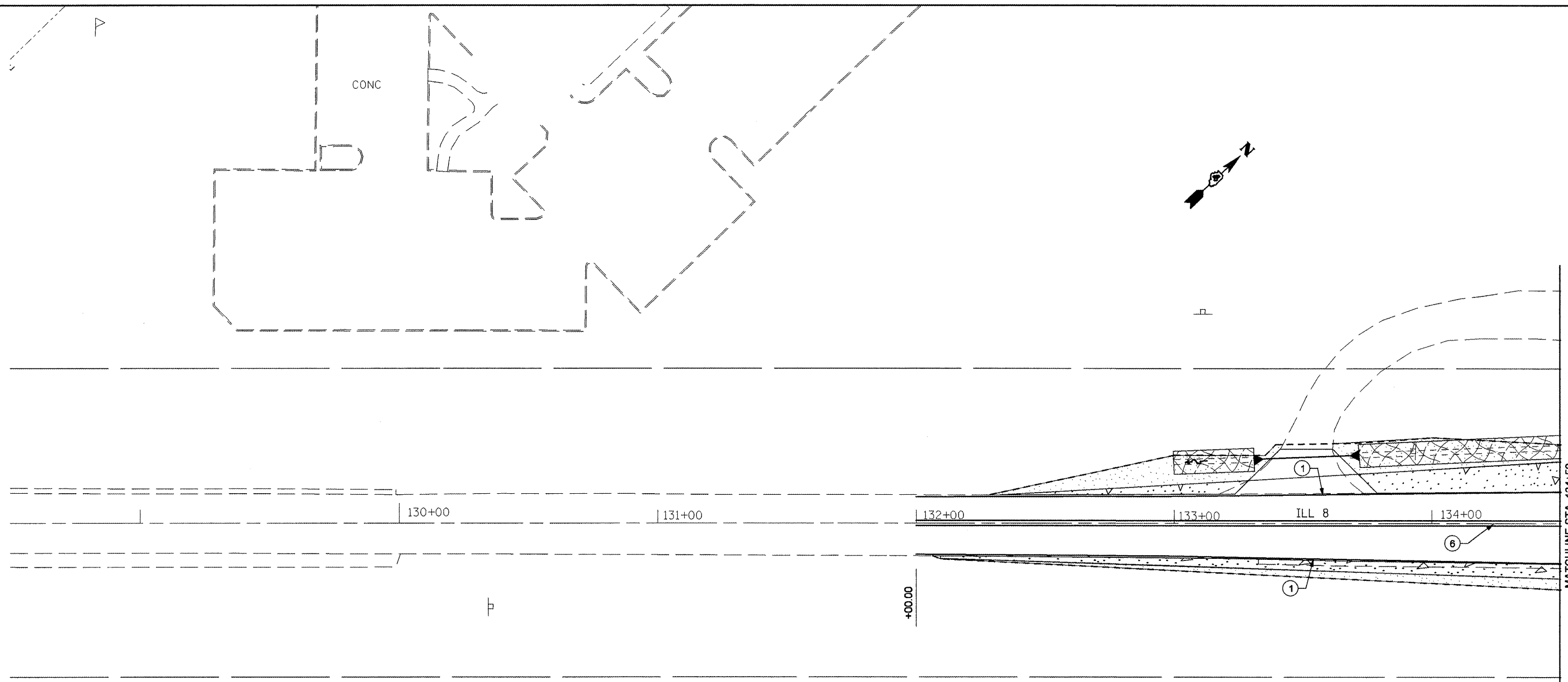
**STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION**

**IL RTE 8 - PAVEMENT JOINT DETAILS**

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

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
399	36 R-8	TAZEWELL	429	151
CONTRACT NO. 68258				
FED. ROAD DIST. NO. 4 ILLINOIS FED. AID PROJECT				


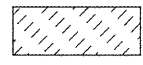







**PAVEMENT MARKING LEGEND**

- ① 4" White Solid
- ② 4" Yellow Solid
- ③ 4" Yellow Skip Dash
- ④ 6" White Skip Dash
- ⑤ 8" White Skip Dash
- ⑥ 4" Double Yellow
- ⑦ 12" Yellow Diagonal 20' c-c
- ⑧ 12" White Diagonal 20' c-c
- ⑨ Turn Arrow White
- ⑩ R.R.P.M. One-way Crystal Marker 80' C.C.
- ⑪ R.R.P.M. Two-way Amber Marker 40' C.C.

**LANDSCAPING LEGEND**

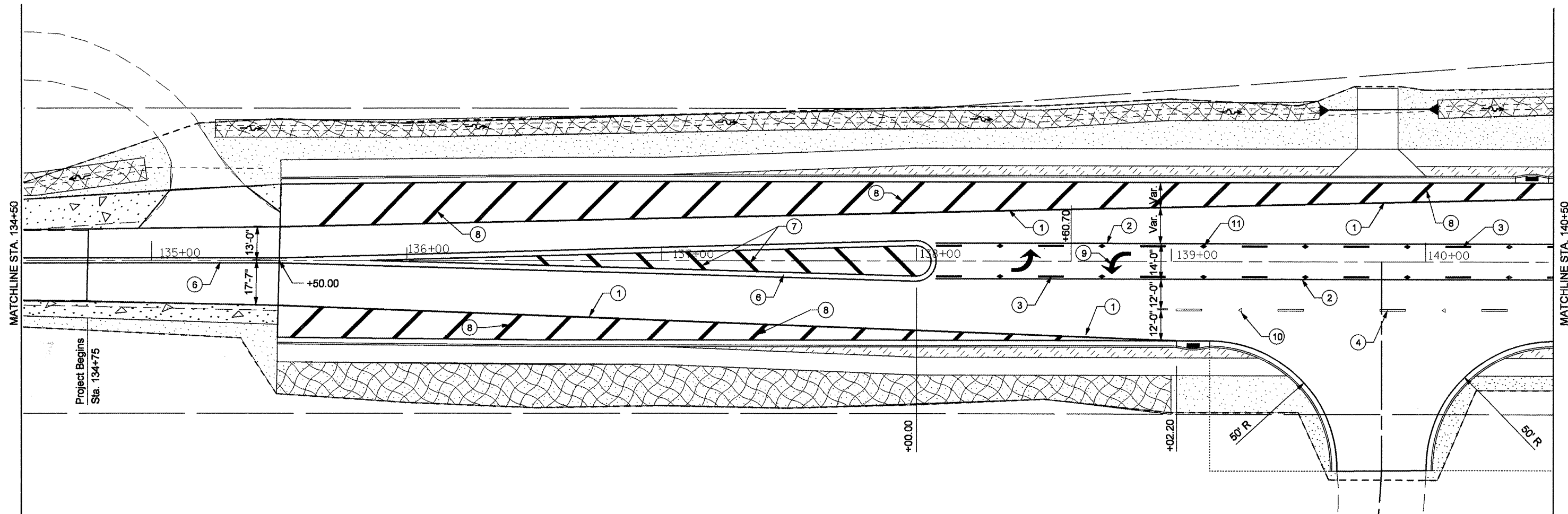
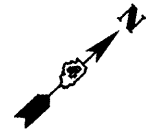
-  Seeding Class 2
-  Sodding, Salt Tolerant
-  Heavy Duty Erosion Control Blanket
-  Stone Riprap Class A4
-  Proposed Tree

FILE NAME = Copy of pvmntmknng sht.dgn	USER NAME = swisherch	DESIGNED -	REVISED -
		DRAWN -	REVISED -
		CHECKED -	REVISED -
		DATE -	REVISED -

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

<b>PAVEMENT MARKING &amp; LANDSCAPING PLANS</b>			
SCALE:	SHEET NO.	OF SHEETS	STA. TO STA.

F.A.P. RTE. 399	SECTION 36 R-8	COUNTY TAZEWELL	TOTAL SHEETS 429	SHEET NO. 152
CONTRACT NO. 68258				
FED. ROAD DIST. NO. 4 ILLINOIS FED. AID PROJECT				



**PAVEMENT MARKING LEGEND**

- |                       |  |
|-----------------------|--|
| ① 4" White Solid      | ⑦ 12" Yellow Diagonal 20' c-c              |
| ② 4" Yellow Solid     | ⑧ 12" White Diagonal 20' c-c               |
| ③ 4" Yellow Skip Dash | ⑨ Turn Arrow White                         |
| ④ 6" White Skip Dash  | ⑩ R.R.P.M. One-way Crystal Marker 80' C.C. |
| ⑤ 8" White Skip Dash  | ⑪ R.R.P.M. Two-way Amber Marker 40' C.C.   |
| ⑥ 4" Double Yellow    |  |

**LANDSCAPING LEGEND**

- |  |                                    |
|--|------------------------------------|
|  | Seeding Class 2                    |
|  | Sodding, Salt Tolerant             |
|  | Heavy Duty Erosion Control Blanket |
|  | Stone Riprap Class A4              |
|  | Proposed Tree                      |

FILE NAME =  
Copy of pvmntmking sht.dgn

USER NAME = swisher-dh  
PLOT SCALE = 48.0000' / IN.  
PLOT DATE = 12/11/2008

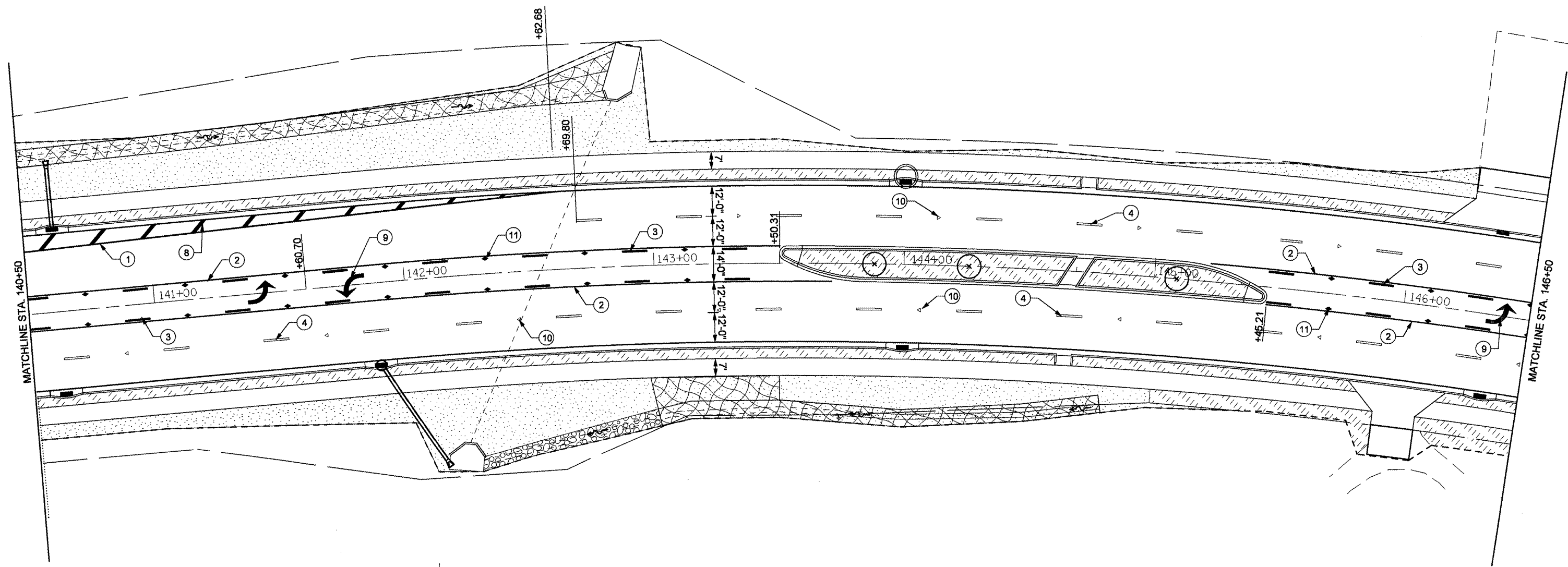
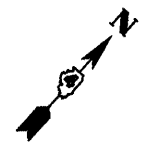
DESIGNED -	REVISD -
DRAWN -	REVISD -
CHECKED -	REVISD -
DATE -	REVISD -

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**PAVEMENT MARKING & LANDSCAPING PLANS**

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

F.A.P. RTE. 399	SECTION 36 R-8	COUNTY TAZEWELL	TOTAL SHEETS 429	SHEET NO. 153
FED. ROAD DIST. NO. 4 ILLINOIS FED. AID PROJECT				
<b>CONTRACT NO. 68258</b>				



**PAVEMENT MARKING LEGEND**

- ① 4" White Solid
- ② 4" Yellow Solid
- ③ 4" Yellow Skip Dash
- ④ 6" White Skip Dash
- ⑤ 8" White Skip Dash
- ⑥ 4" Double Yellow
- ⑦ 12" Yellow Diagonal 20' c-c
- ⑧ 12" White Diagonal 20' c-c
- ⑨ Turn Arrow White
- ⑩ R.R.P.M. One-way Crystal Marker 80' C.C.
- ⑪ R.R.P.M. Two-way Amber Marker 40' C.C.

**LANDSCAPING LEGEND**

- Seeding Class 2
- Sodding, Salt Tolerant
- Heavy Duty Erosion Control Blanket
- Stone Riprap Class A4
- Proposed Tree

FILE NAME =  
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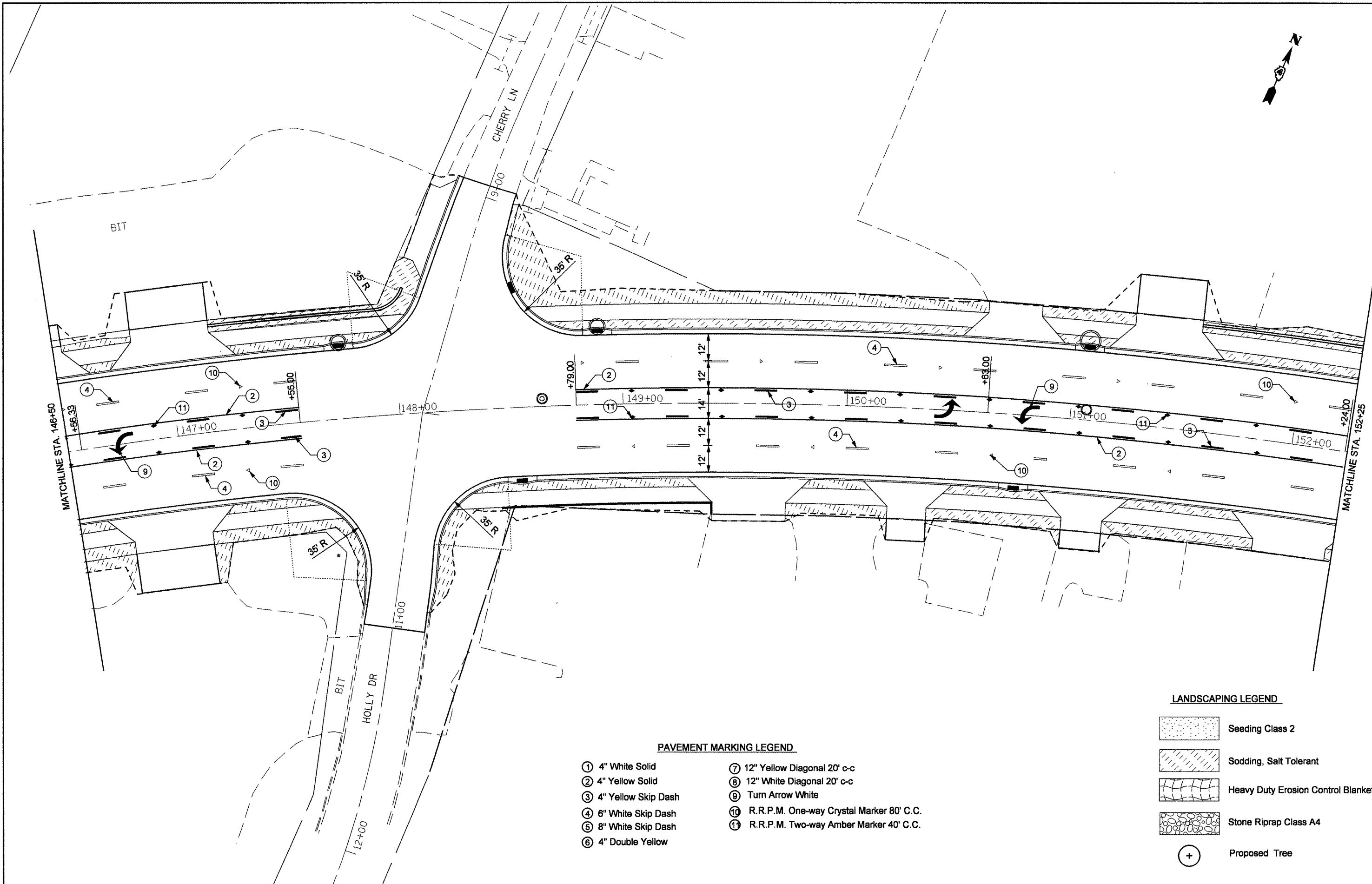
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PLOT DATE = 12/11/2008	DATE -	REVISED -

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

<b>PAVEMENT MARKING &amp; LANDSCAPING PLANS</b>				
SCALE:	SHEET NO.	OF	SHEETS	STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
399	36 R-8	TAZEWELL	429	154
<b>CONTRACT NO. 68258</b>				
<small>FED. ROAD DIST. NO. 4   ILLINOIS   FED. AID PROJECT</small>				





**PAVEMENT MARKING LEGEND**

- ① 4" White Solid
- ② 4" Yellow Solid
- ③ 4" Yellow Skip Dash
- ④ 6" White Skip Dash
- ⑤ 8" White Skip Dash
- ⑥ 4" Double Yellow
- ⑦ 12" Yellow Diagonal 20' c-c
- ⑧ 12" White Diagonal 20' c-c
- ⑨ Turn Arrow White
- ⑩ R.R.P.M. One-way Crystal Marker 80' C.C.
- ⑪ R.R.P.M. Two-way Amber Marker 40' C.C.

**LANDSCAPING LEGEND**

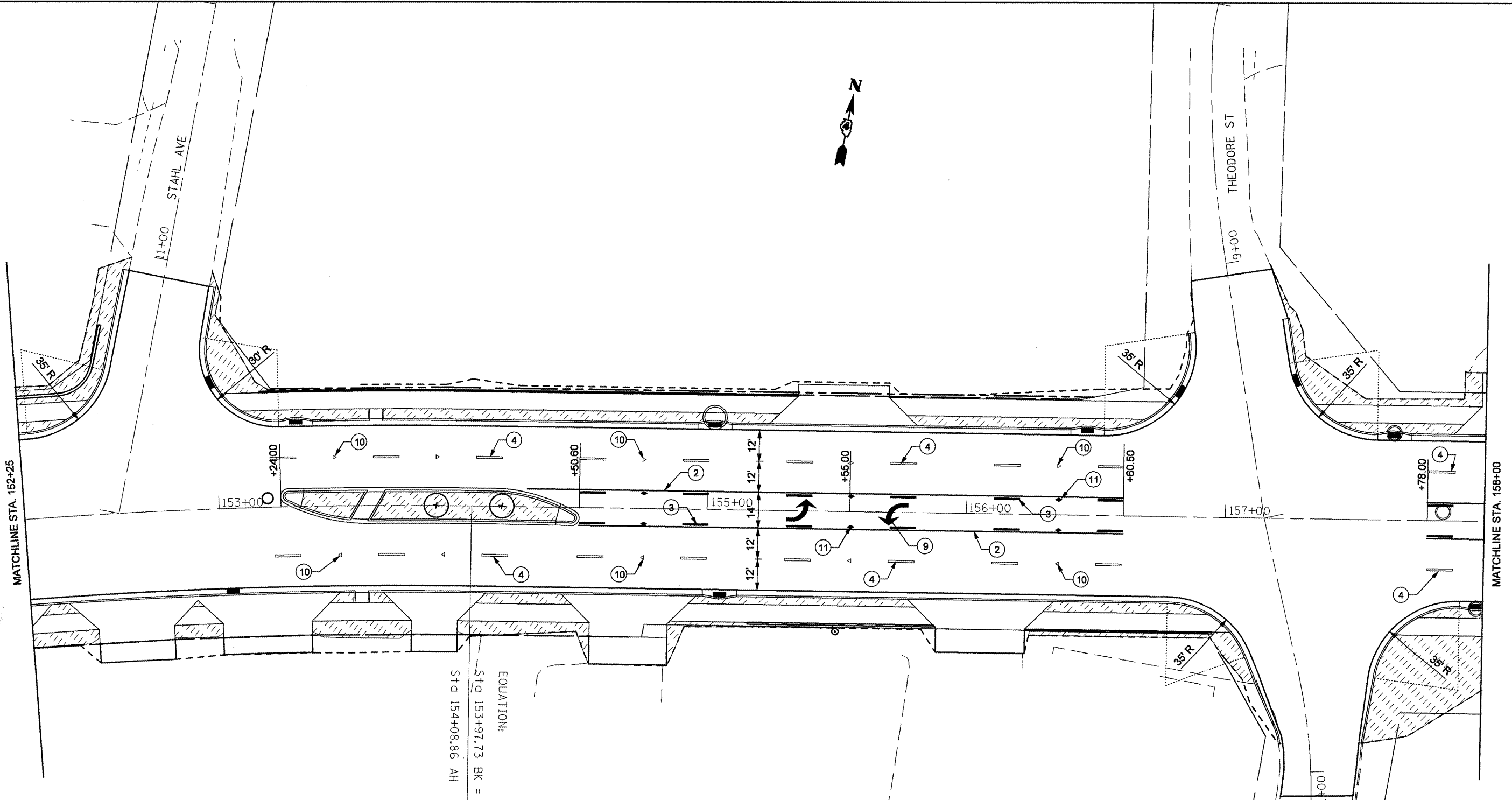
- Seeding Class 2
- Sodding, Salt Tolerant
- Heavy Duty Erosion Control Blanket
- Stone Riprap Class A4
- Proposed Tree

FILE NAME = Copy of pvmntmknk sht.dgn	USER NAME = swisherdh	DESIGNED -	REVISED -
		DRAWN -	REVISED -
		CHECKED -	REVISED -
		DATE -	REVISED -
PLOT SCALE = 48,0000 "/ IN.			
PLOT DATE = 12/11/2008			

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

<b>PAVEMENT MARKING &amp; LANDSCAPING PLANS</b>			
SCALE:	SHEET NO. OF SHEETS	STA. TO STA.	

F.A.P. RTE. 399	SECTION 36 R-8	COUNTY TAZEWELL	TOTAL SHEETS 429	SHEET NO. 155
<b>CONTRACT NO. 68258</b>				
FED. ROAD DIST. NO. 4 ILLINOIS FED. AID PROJECT				



**PAVEMENT MARKING LEGEND**

- ① 4" White Solid
- ② 4" Yellow Solid
- ③ 4" Yellow Skip Dash
- ④ 6" White Skip Dash
- ⑤ 8" White Skip Dash
- ⑥ 4" Double Yellow
- ⑦ 12" Yellow Diagonal 20' c-c
- ⑧ 12" White Diagonal 20' c-c
- ⑨ Turn Arrow White
- ⑩ R.R.P.M. One-way Crystal Marker 80' C.C.
- ⑪ R.R.P.M. Two-way Amber Marker 40' C.C.

**LANDSCAPING LEGEND**

- Seeding Class 2
- Sodding, Salt Tolerant
- Heavy Duty Erosion Control Blanket
- Stone Riprap Class A4
- Proposed Tree

EQUATION:  
 ST.G 153+97.73 BK =  
 ST.G 154+08.86 AH =

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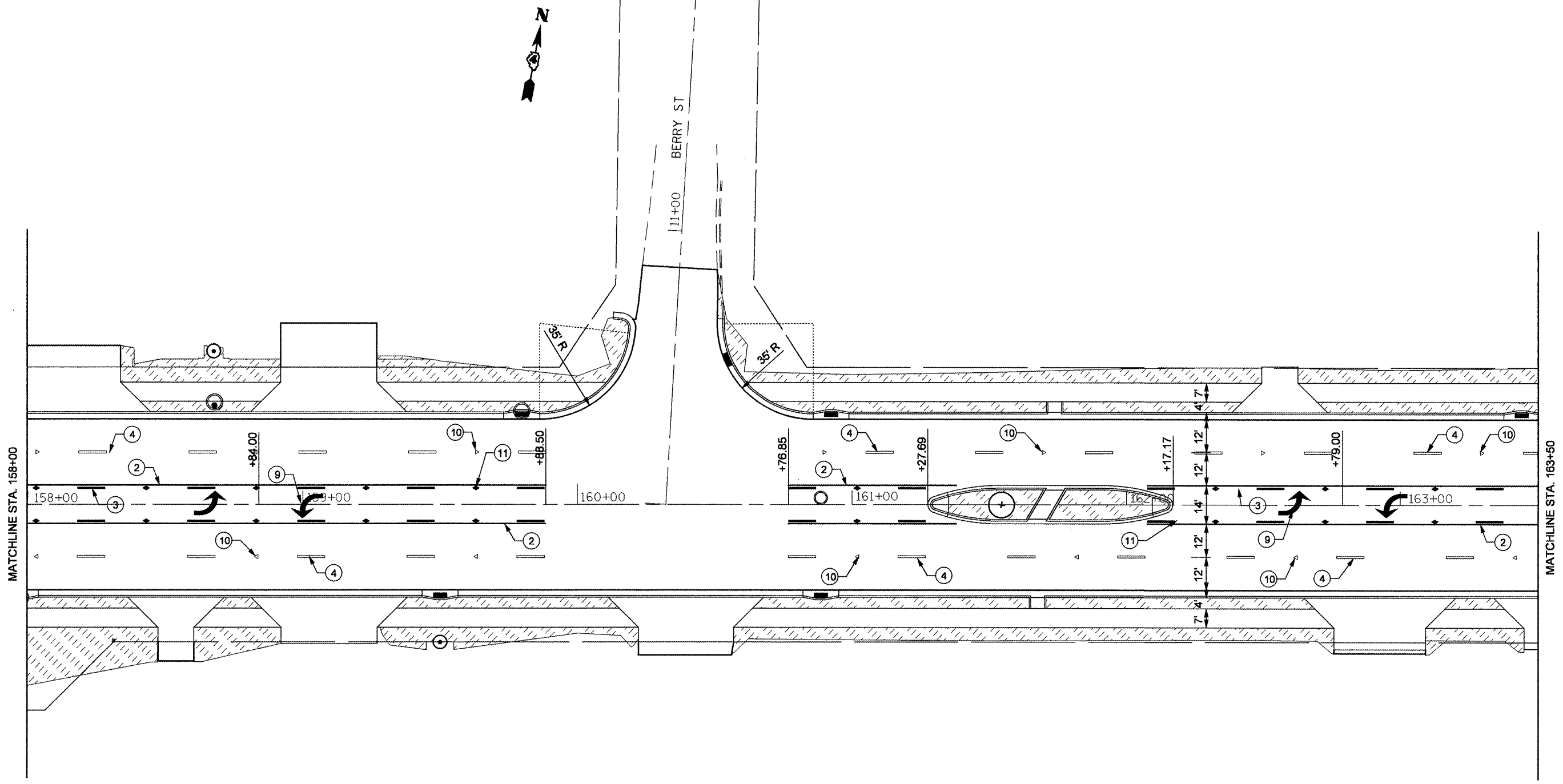
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PLOT DATE = 12/11/2008	CHECKED -	REVISED -
	DATE -	REVISED -

**STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION**

**PAVEMENT MARKING & LANDSCAPING PLANS**

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

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
399	36 R-8	TAZEWELL	429	156
CONTRACT NO. 68258				
FED. ROAD DIST. NO. 4 ILLINOIS FED. AID PROJECT				



**PAVEMENT MARKING LEGEND**

- |                       |  |
|-----------------------|--|
| ① 4" White Solid      | ⑦ 12" Yellow Diagonal 20' c-c              |
| ② 4" Yellow Solid     | ⑧ 12" White Diagonal 20' c-c               |
| ③ 4" Yellow Skip Dash | ⑨ Turn Arrow White                         |
| ④ 6" White Skip Dash  | ⑩ R.R.P.M. One-way Crystal Marker 80' C.C. |
| ⑤ 8" White Skip Dash  | ⑪ R.R.P.M. Two-way Amber Marker 40' C.C.   |
| ⑥ 4" Double Yellow    |  |

**LANDSCAPING LEGEND**

- |  |                                    |
|--|------------------------------------|
|  | Seeding Class 2                    |
|  | Sodding, Salt Tolerant             |
|  | Heavy Duty Erosion Control Blanket |
|  | Stone Riprap Class A4              |
|  | Proposed Tree                      |

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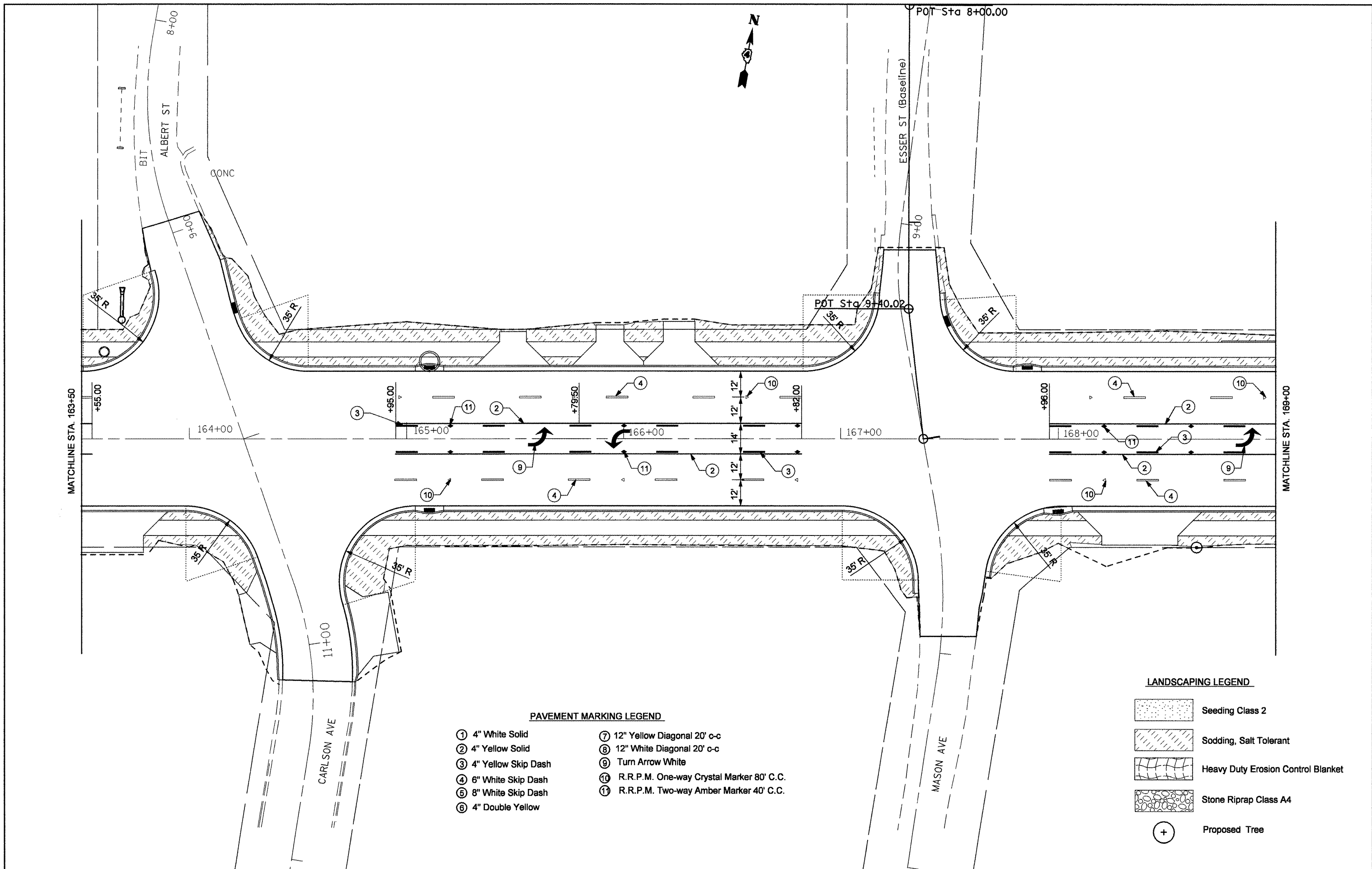
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PLOT DATE = 12/24/2008	CHECKED -	REVISED -
	DATE -	REVISED -

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

PAVEMENT MARKING & LANDSCAPING PLANS			
SCALE:	SHEET NO. OF SHEETS	STA.	TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
399	36 R-8	TAZEWELL	429	157
CONTRACT NO. 68258				
FED. ROAD DIST. NO. 4 ILLINOIS FED. AID PROJECT				

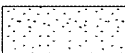
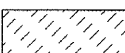







**PAVEMENT MARKING LEGEND**

- |                       |  |
|-----------------------|--|
| ① 4" White Solid      | ⑦ 12" Yellow Diagonal 20' c-c              |
| ② 4" Yellow Solid     | ⑧ 12" White Diagonal 20' c-c               |
| ③ 4" Yellow Skip Dash | ⑨ Turn Arrow White                         |
| ④ 6" White Skip Dash  | ⑩ R.R.P.M. One-way Crystal Marker 80' C.C. |
| ⑤ 8" White Skip Dash  | ⑪ R.R.P.M. Two-way Amber Marker 40' C.C.   |
| ⑥ 4" Double Yellow    |  |

**LANDSCAPING LEGEND**

- |   |                                    |
|---|------------------------------------|
|  | Seeding Class 2                    |
|  | Sodding, Salt Tolerant             |
|  | Heavy Duty Erosion Control Blanket |
|  | Stone Riprap Class A4              |
|  | Proposed Tree                      |

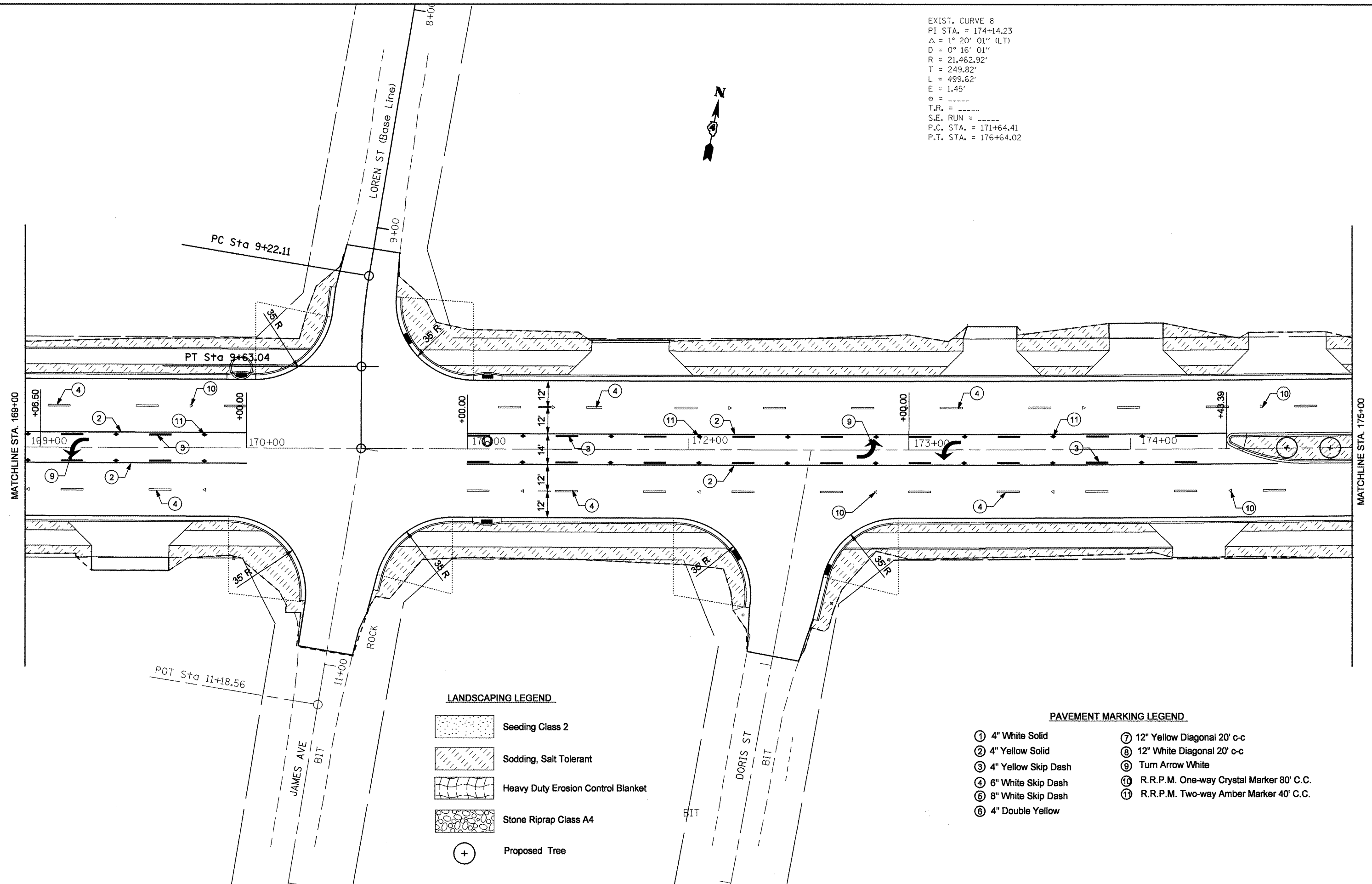
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		DRAWN -	REVISED -
		CHECKED -	REVISED -
		DATE -	REVISED -

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

<b>PAVEMENT MARKING &amp; LANDSCAPING PLANS</b>			
SCALE:	SHEET NO.	OF SHEETS	STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
399	36 R-8	TAZEWELL	429	158
CONTRACT NO. 68258				
FED. ROAD DIST. NO. 4 ILLINOIS FED. AID PROJECT				

EXIST. CURVE 8  
 PI STA. = 174+14.23  
 $\Delta = 1^\circ 20' 01''$  (LT)  
 $D = 0^\circ 16' 01''$   
 $R = 21,462.92'$   
 $T = 249.82'$   
 $L = 499.62'$   
 $E = 1.45'$   
 $e = \text{-----}$   
 $T.R. = \text{-----}$   
 $S.E. \text{ RUN} = \text{-----}$   
 $P.C. \text{ STA.} = 171+64.41$   
 $P.T. \text{ STA.} = 176+64.02$



**LANDSCAPING LEGEND**

	Seeding Class 2
	Sodding, Salt Tolerant
	Heavy Duty Erosion Control Blanket
	Stone Riprap Class A4
	Proposed Tree

**PAVEMENT MARKING LEGEND**

① 4" White Solid	⑦ 12" Yellow Diagonal 20' c-c
② 4" Yellow Solid	⑧ 12" White Diagonal 20' c-c
③ 4" Yellow Skip Dash	⑨ Turn Arrow White
④ 6" White Skip Dash	⑩ R.R.P.M. One-way Crystal Marker 80' C.C.
⑤ 8" White Skip Dash	⑪ R.R.P.M. Two-way Amber Marker 40' C.C.
⑥ 4" Double Yellow	

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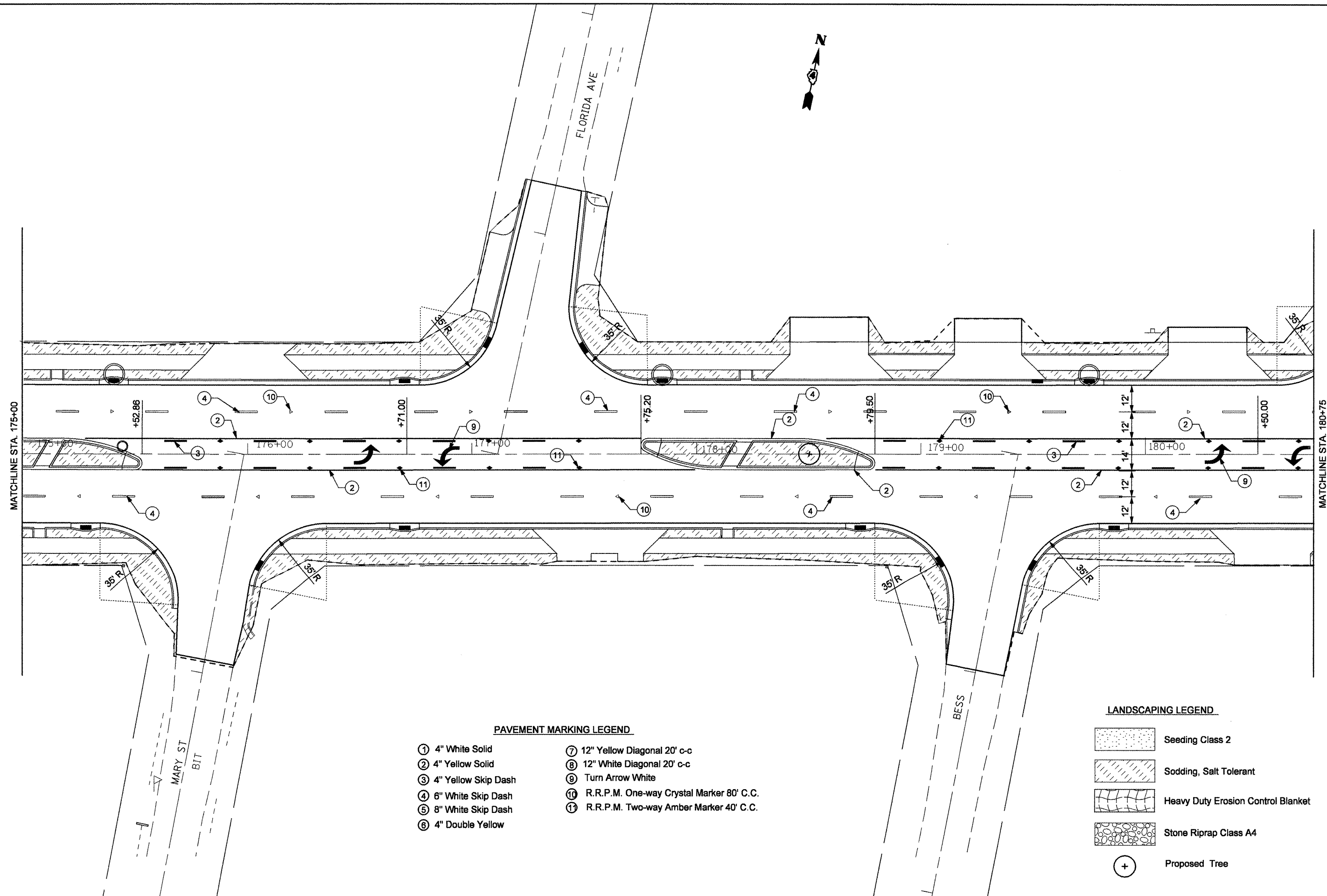
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PLOT DATE = 12/11/2008	CHECKED -	REVISED -
	DATE -	REVISED -

**STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION**

**PAVEMENT MARKING & LANDSCAPING PLANS**

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

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
399	36 R-8	TAZEWELL	429	159
FED. ROAD DIST. NO. 4 ILLINOIS FED. AID PROJECT				
CONTRACT NO. 68258				



**PAVEMENT MARKING LEGEND**

- ① 4" White Solid
- ② 4" Yellow Solid
- ③ 4" Yellow Skip Dash
- ④ 6" White Skip Dash
- ⑤ 8" White Skip Dash
- ⑥ 4" Double Yellow
- ⑦ 12" Yellow Diagonal 20' c-c
- ⑧ 12" White Diagonal 20' c-c
- ⑨ Turn Arrow White
- ⑩ R.R.P.M. One-way Crystal Marker 80' C.C.
- ⑪ R.R.P.M. Two-way Amber Marker 40' C.C.

**LANDSCAPING LEGEND**

- Seeding Class 2
- Sodding, Salt Tolerant
- Heavy Duty Erosion Control Blanket
- Stone Riprap Class A4
- Proposed Tree

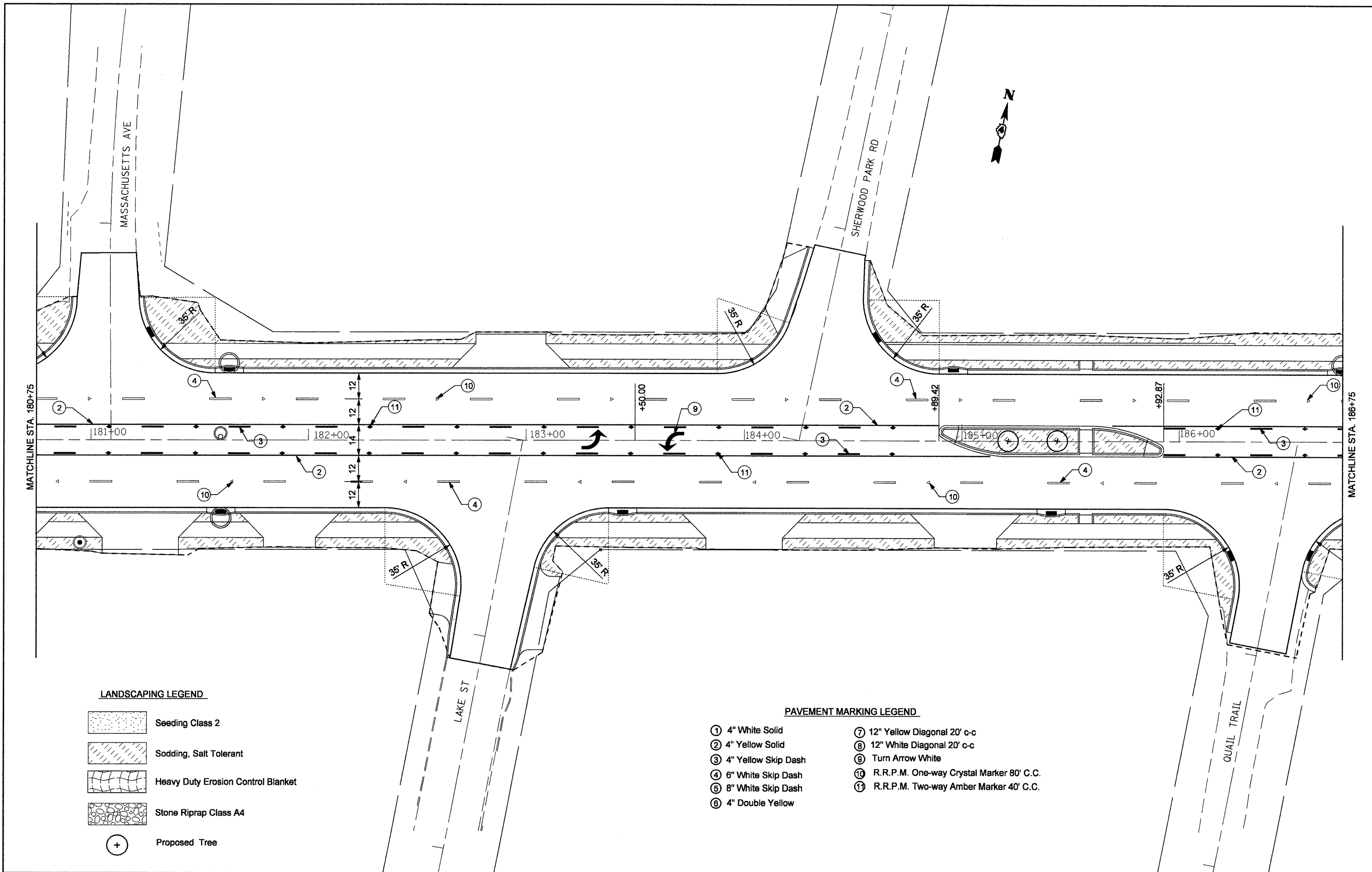
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USER NAME = swisher-dh	DESIGNED -	REVISED -
PLDT SCALE = 48.0000' / IN.	DRAWN -	REVISED -
PLDT DATE = 12/11/2008	CHECKED -	REVISED -
	DATE -	REVISED -

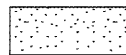
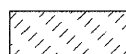



**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

<b>PAVEMENT MARKING &amp; LANDSCAPING PLANS</b>			
SCALE:	SHEET NO. OF SHEETS	STA. TO STA.	

F.A.P. RTE. 399	SECTION 36 R-8	COUNTY TAZEWELL	TOTAL SHEETS 429	SHEET NO. 160
<b>CONTRACT NO. 68258</b>				
FED. ROAD DIST. NO. 4 ILLINOIS FED. AID PROJECT				



**LANDSCAPING LEGEND**

-  Seeding Class 2
-  Sodding, Salt Tolerant
-  Heavy Duty Erosion Control Blanket
-  Stone Riprap Class A4
-  Proposed Tree

**PAVEMENT MARKING LEGEND**

- ① 4" White Solid
- ② 4" Yellow Solid
- ③ 4" Yellow Skip Dash
- ④ 6" White Skip Dash
- ⑤ 8" White Skip Dash
- ⑥ 4" Double Yellow
- ⑦ 12" Yellow Diagonal 20' c-c
- ⑧ 12" White Diagonal 20' c-c
- ⑨ Turn Arrow White
- ⑩ R.R.P.M. One-way Crystal Marker 80' C.C.
- ⑪ R.R.P.M. Two-way Amber Marker 40' C.C.

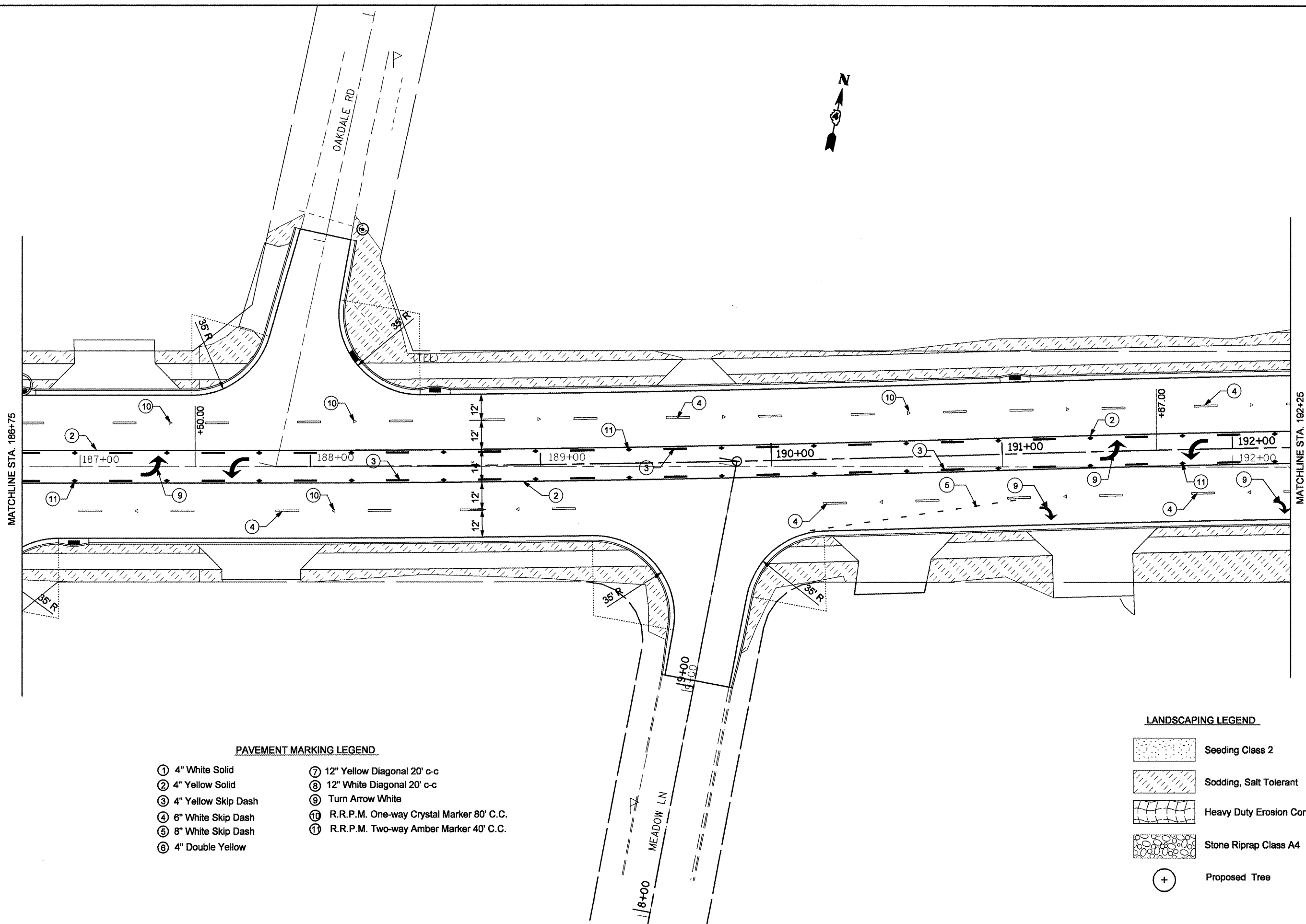
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		CHECKED -	REVISED -
		DATE -	REVISED -

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

<b>PAVEMENT MARKING &amp; LANDSCAPING PLANS</b>			
SCALE:	SHEET NO.	OF SHEETS	STA. TO STA.

F.A.P. RTE. 399	SECTION 36 R-8	COUNTY TAZEWELL	TOTAL SHEETS 429	SHEET NO. 161
<b>CONTRACT NO. 68258</b>				
FED. ROAD DIST. NO. 4 ILLINOIS FED. AID PROJECT				





**PAVEMENT MARKING LEGEND**

- |                       |  |
|-----------------------|--|
| ① 4" White Solid      | ⑦ 12" Yellow Diagonal 20' c-c              |
| ② 4" Yellow Solid     | ⑧ 12" White Diagonal 20' c-c               |
| ③ 4" Yellow Skip Dash | ⑨ Turn Arrow White                         |
| ④ 6" White Skip Dash  | ⑩ R.R.P.M. One-way Crystal Marker 80' C.C. |
| ⑤ 8" White Skip Dash  | ⑪ R.R.P.M. Two-way Amber Marker 40' C.C.   |
| ⑥ 4" Double Yellow    |  |

**LANDSCAPING LEGEND**

- |  |                                    |
|--|------------------------------------|
|  | Seeding Class 2                    |
|  | Sodding, Salt Tolerant             |
|  | Heavy Duty Erosion Control Blanket |
|  | Stone Riprap Class A4              |
|  | Proposed Tree                      |

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PLOT DATE = 12/11/2008

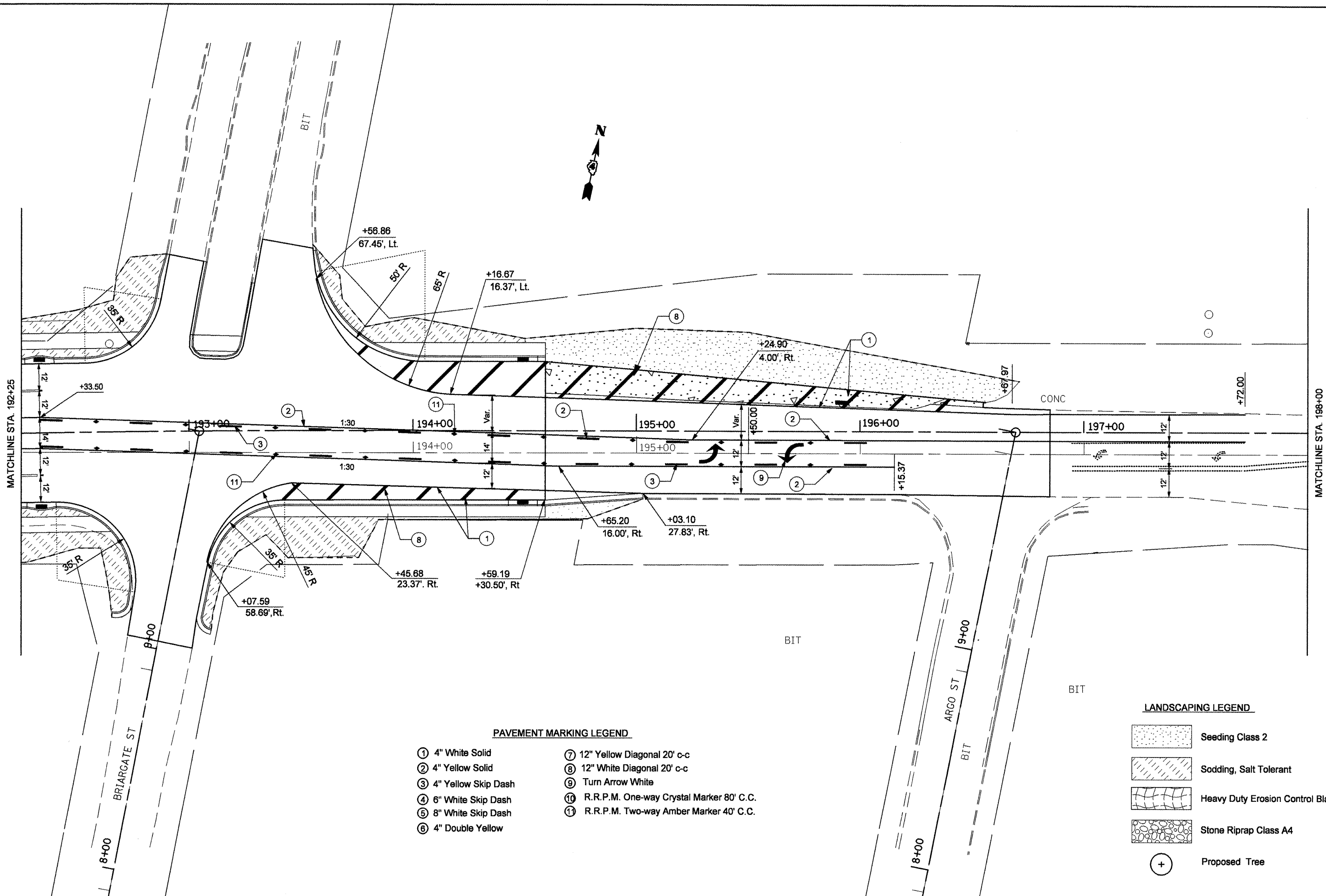
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DRAWN -	REVISED -
CHECKED -	REVISED -
DATE -	REVISED -

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**PAVEMENT MARKING & LANDSCAPING PLANS**

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

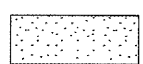

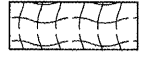


F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
399	36 R-8	TAZEWELL	429	162
CONTRACT NO. 68258				
FED. ROAD DIST. NO. 4 ILLINOIS FED. AID PROJECT				



**PAVEMENT MARKING LEGEND**

- ① 4" White Solid
- ② 4" Yellow Solid
- ③ 4" Yellow Skip Dash
- ④ 6" White Skip Dash
- ⑤ 8" White Skip Dash
- ⑥ 4" Double Yellow
- ⑦ 12" Yellow Diagonal 20' c-c
- ⑧ 12" White Diagonal 20' c-c
- ⑨ Turn Arrow White
- ⑩ R.R.P.M. One-way Crystal Marker 80' C.C.
- ⑪ R.R.P.M. Two-way Amber Marker 40' C.C.

**LANDSCAPING LEGEND**

-  Seeding Class 2
-  Sodding, Salt Tolerant
-  Heavy Duty Erosion Control Blanket
-  Stone Riprap Class A4
-  Proposed Tree

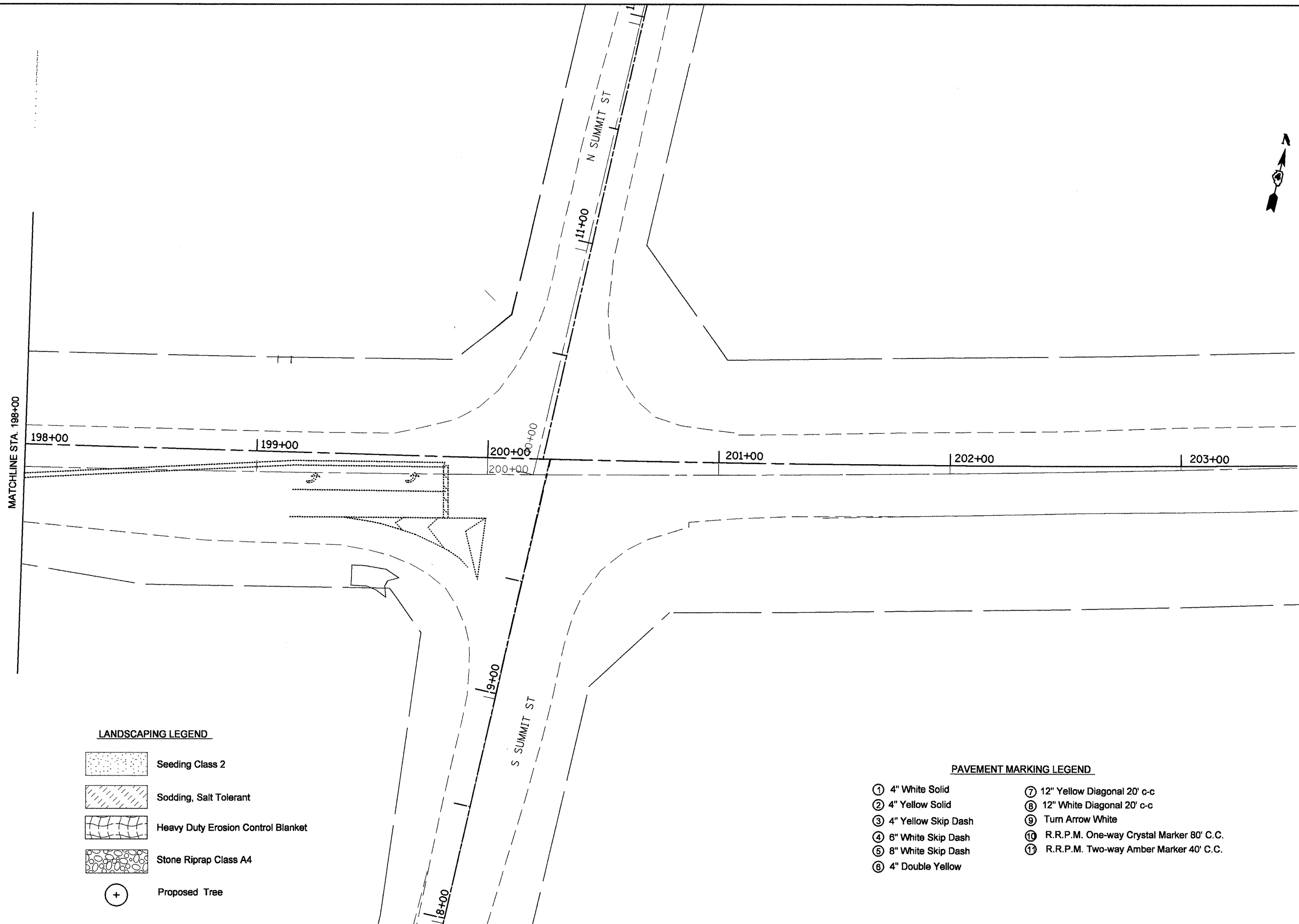
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	DATE -	REVISED -

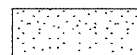
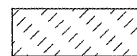

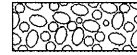

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

<b>PAVEMENT MARKING &amp; LANDSCAPING PLANS</b>			
SCALE:	SHEET NO.	OF SHEETS	STA. TO STA.

F.A.P. RTE. 399	SECTION 36 R-8	COUNTY TAZEWELL	TOTAL SHEETS 429	SHEET NO. 163
CONTRACT NO. 68258				
FED. ROAD DIST. NO. 4 ILLINOIS FED. AID PROJECT				



**LANDSCAPING LEGEND**

-  Seeding Class 2
-  Sodding, Salt Tolerant
-  Heavy Duty Erosion Control Blanket
-  Stone Riprap Class A4
-  Proposed Tree

**PAVEMENT MARKING LEGEND**

- ① 4" White Solid
- ⑦ 12" Yellow Diagonal 20' c-c
- ② 4" Yellow Solid
- ⑧ 12" White Diagonal 20' c-c
- ③ 4" Yellow Skip Dash
- ⑨ Turn Arrow White
- ④ 6" White Skip Dash
- ⑩ R.R.P.M. One-way Crystal Marker 80' C.C.
- ⑤ 8" White Skip Dash
- ⑪ R.R.P.M. Two-way Amber Marker 40' C.C.
- ⑥ 4" Double Yellow

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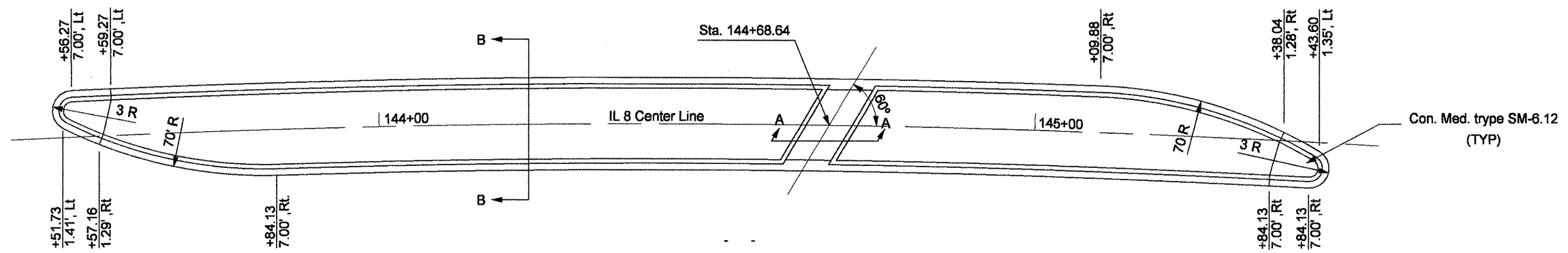
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PLOT DATE = 12/11/2008

DESIGNED -	REVISED -
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CHECKED -	REVISED -
DATE -	REVISED -

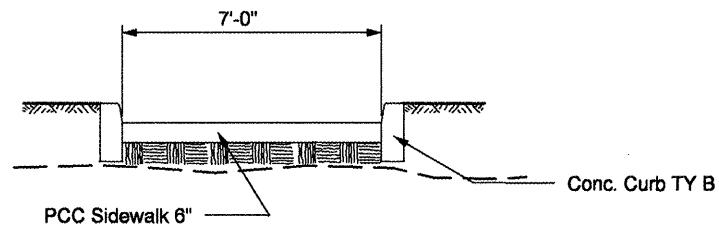
**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

<b>PAVEMENT MARKING &amp; LANDSCAPING PLANS</b>				
SCALE:	SHEET NO.	OF	SHEETS	STA. TO STA.

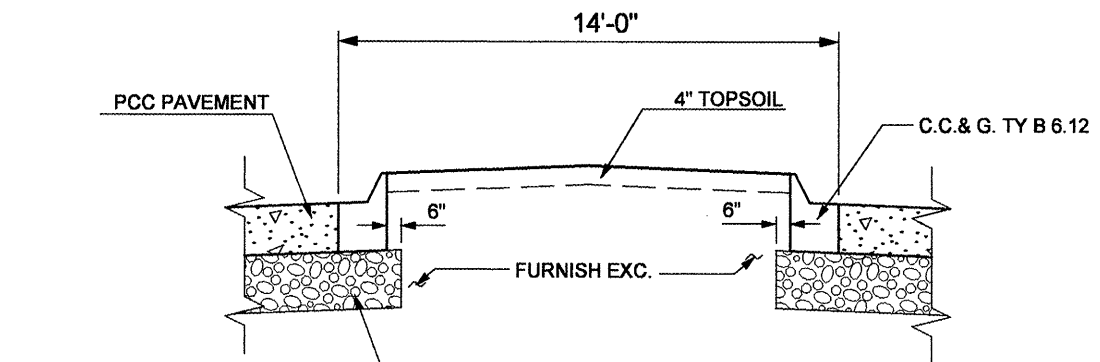
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<b>CONTRACT NO. 68258</b>				
FED. ROAD DIST. NO. 4 ILLINOIS FED. AID PROJECT				



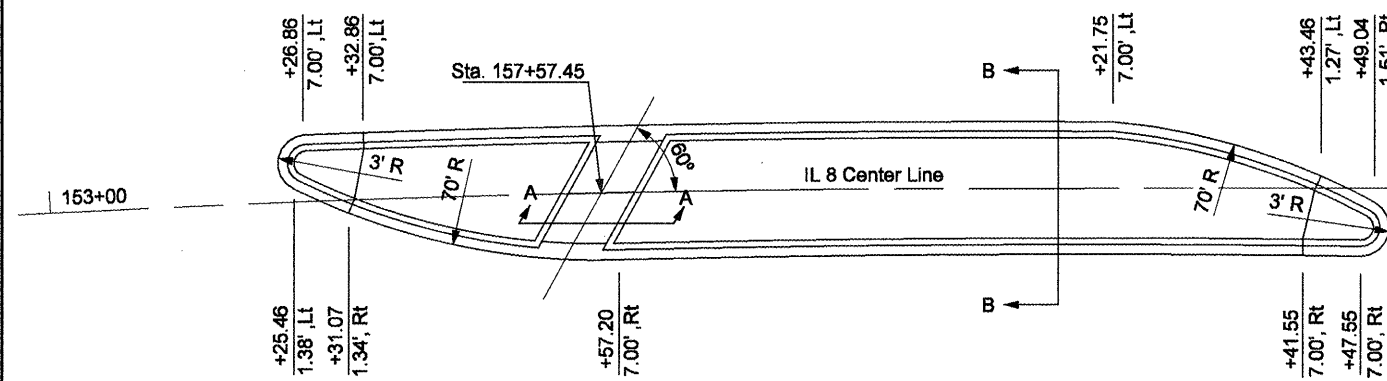
MEDIAN FROM STA. 143+50.31 TO 145+45.21



SECCION A-A  
NOT TO SCALE

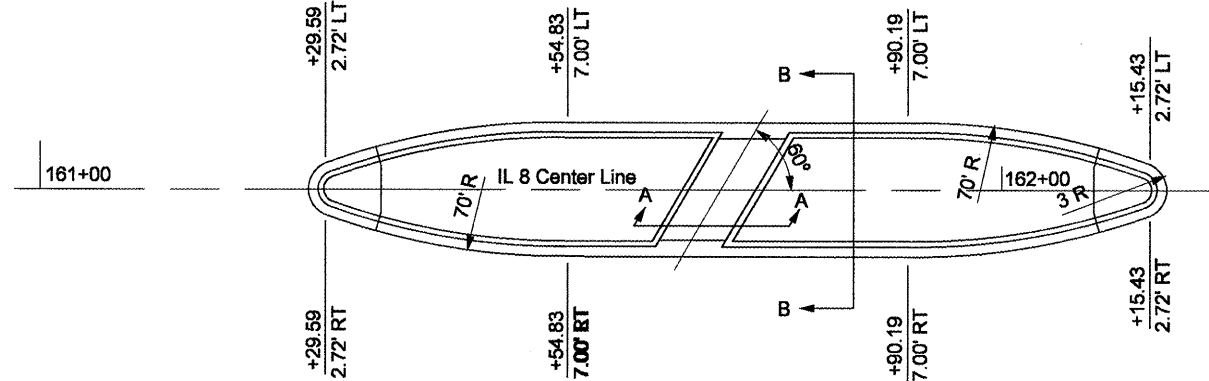


SECCION B-B  
NOT TO SCALE



MEDIAN FROM STA. 153+24.00 TO 154+50.60

Sta. Eq. = 153+97.73 BK = 154+08.86 AH

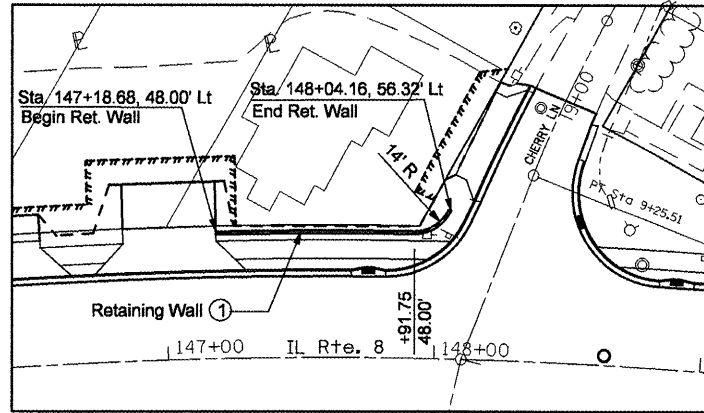


MEDIAN FROM STA. 161+27.69 TO 162+17.17

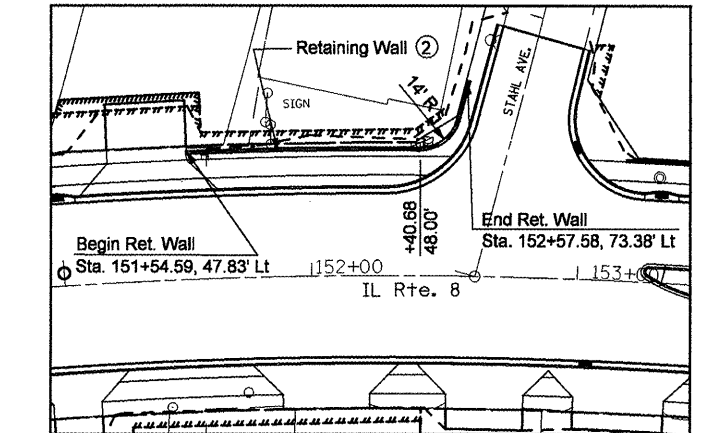
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	PLOT SCALE = 28.0000' / IN.	DRAWN -	REVISED -					399	36 R - 8	TAZEWELL	429	165
	PLOT DATE = 12/24/2008	CHECKED -	REVISED -					CONTRACT NO. 68258				
	DATE -	REVISED -		SCALE:	SHEET NO. OF SHEETS	STA. TO STA.	FED. ROAD DIST. NO. 4 ILLINOIS FED. AID PROJECT					



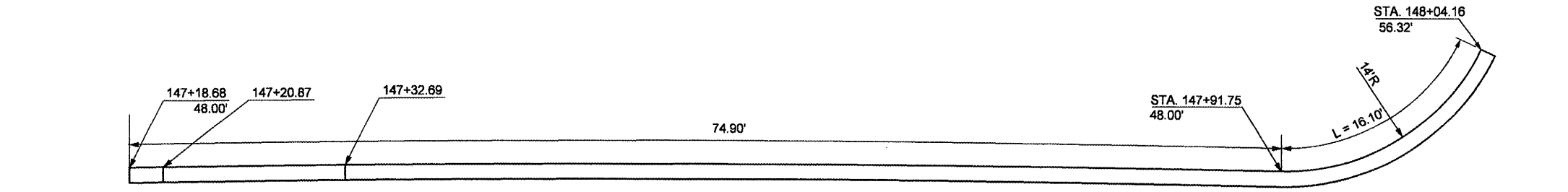




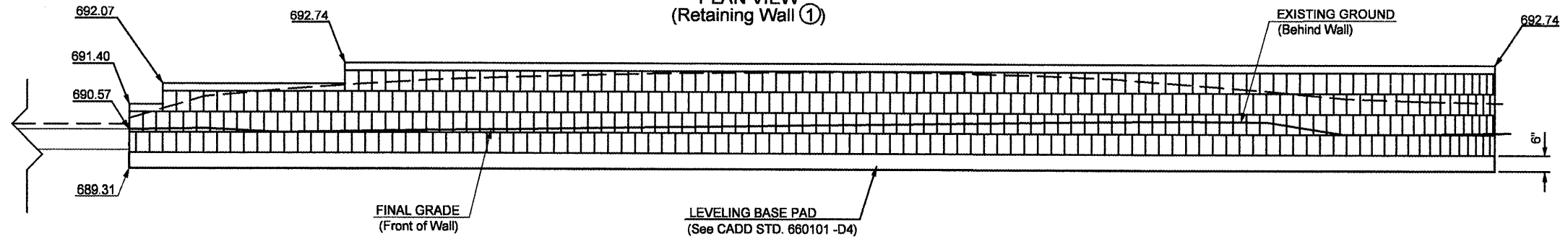
RETAINING WALL LOCATION



RETAINING WALL LOCATION



Lt. Sta. 147+18.68 to 148+05.05  
PLAN VIEW  
(Retaining Wall ①)



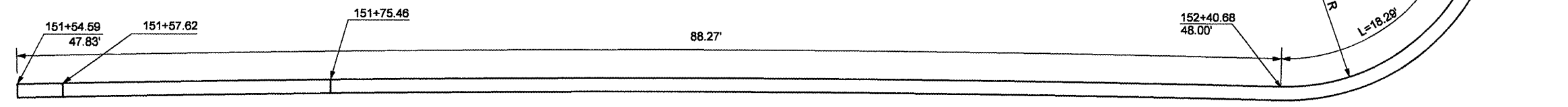
Lt. Sta. 147+18.68 to 148+05.05  
ELEVATION  
(Retaining Wall ①)

**BILL OF MATERIALS**  
Retaining Wall ①

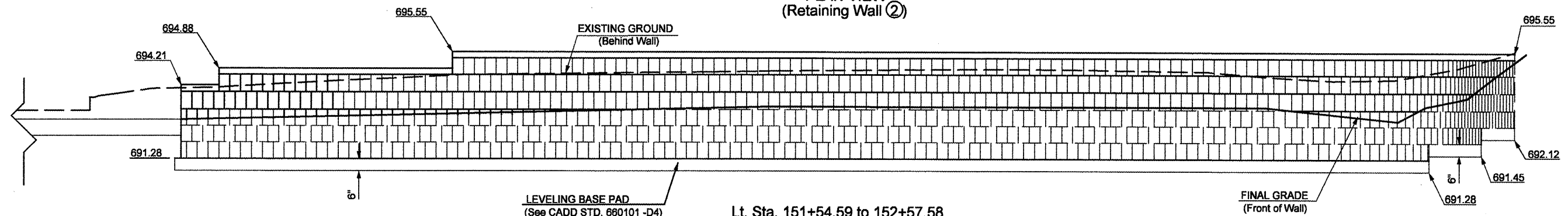
Item	Unit	Quantity
Modular Retaining Wall System	Sq Ft	256.0

**BILL OF MATERIALS**  
Retaining Wall ②

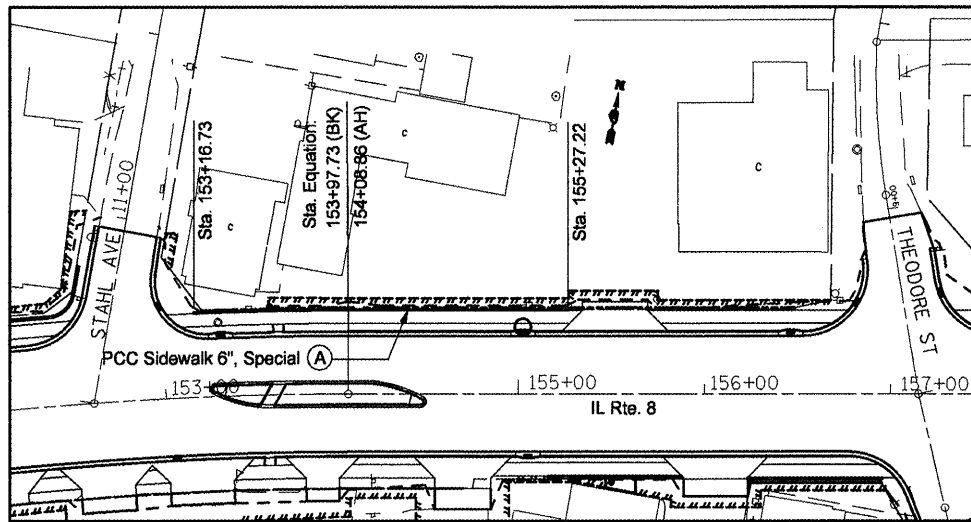
Item	Unit	Quantity
Modular Retaining Wall System	Sq Ft	449.0



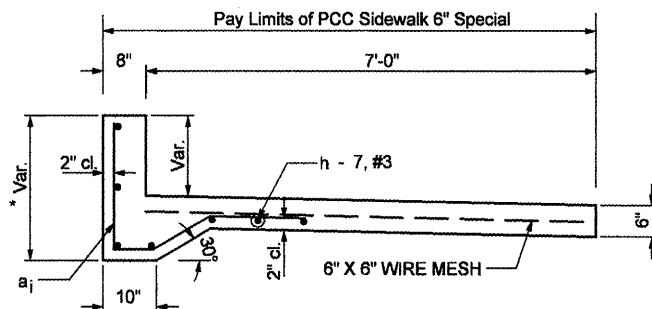
Lt. Sta. 151+54.59 to 152+57.58  
PLAN VIEW  
(Retaining Wall ②)



Lt. Sta. 151+54.59 to 152+57.58  
ELEVATION  
(Retaining Wall ②)

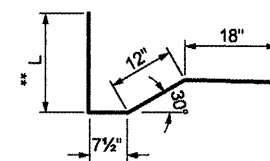


LOCATIONS OF PCC SIDEWALK 6", SPECIAL



SECTION A-A

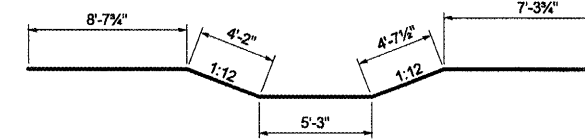
\* See panel reinforcement diagram for dimensions



BAR a<sub>i</sub> DETAIL

(NOT TO SCALE)

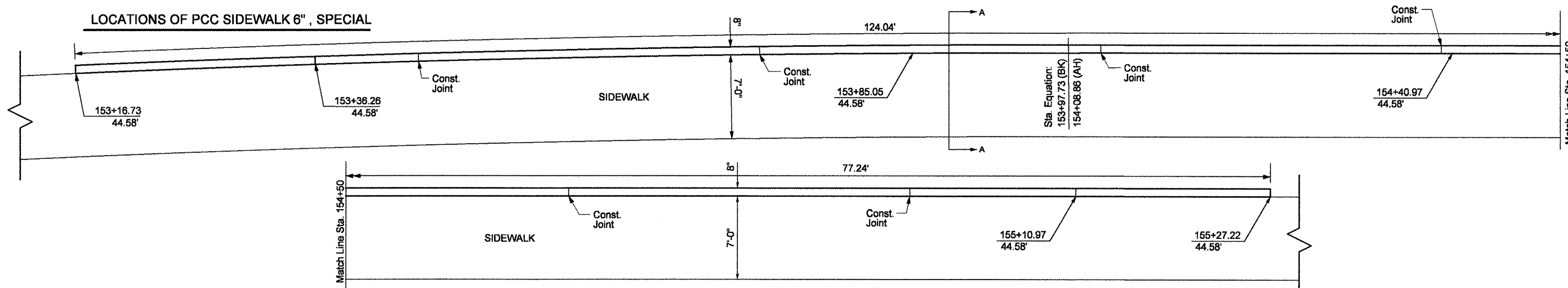
\*\* See panel reinforcement diagram for (L) dimension



BAR h<sub>1</sub> DETAIL

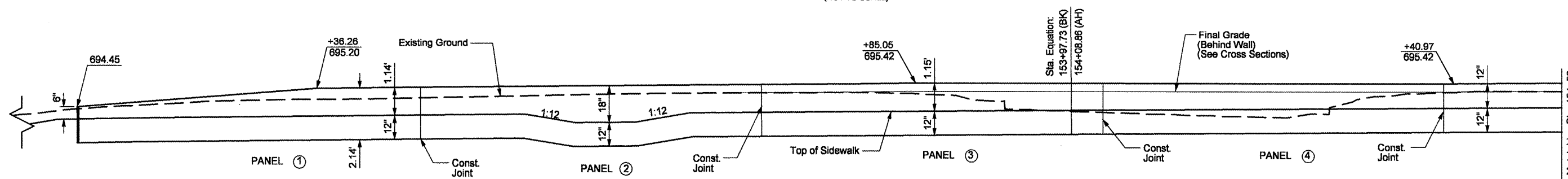
(NOT TO SCALE)

\* See panel ② reinforcement diagram



PCC SIDEWALK 6" SPECIAL - (A)

Lt. Sta. 153+16.73 to 155+27.22  
(NOT TO SCALE)



ELEVATION

PCC SIDEWALK 6" SPECIAL - (A)

(NOT TO SCALE)

BILL OF MATERIALS  
PCC SIDEWALK 6" SPECIAL - (A)  
(for information only)

Items	Unit	Qty.
Reinforcement Bars	Pound	972.32
PCC Sidewalk 6", Special	Sq Ft	1,325.00

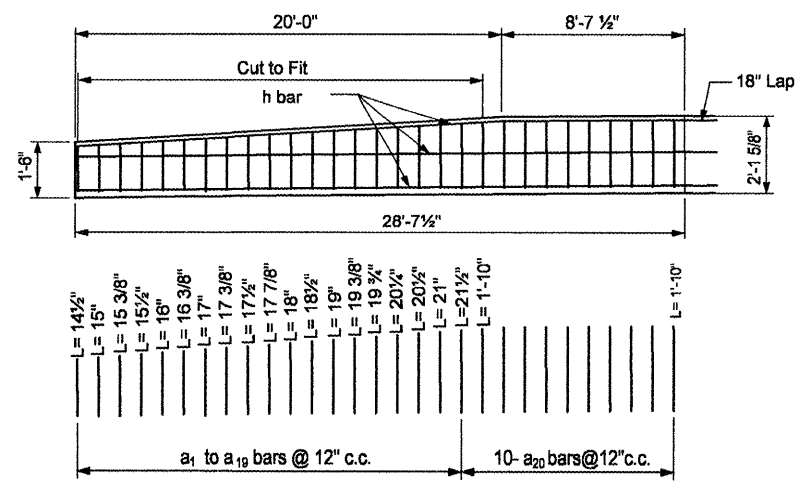
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		DRAWN -	REVISED -
		CHECKED -	REVISED -
		DATE -	REVISED -

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

PCC SIDEWALK 6", SPECIAL - (A)

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

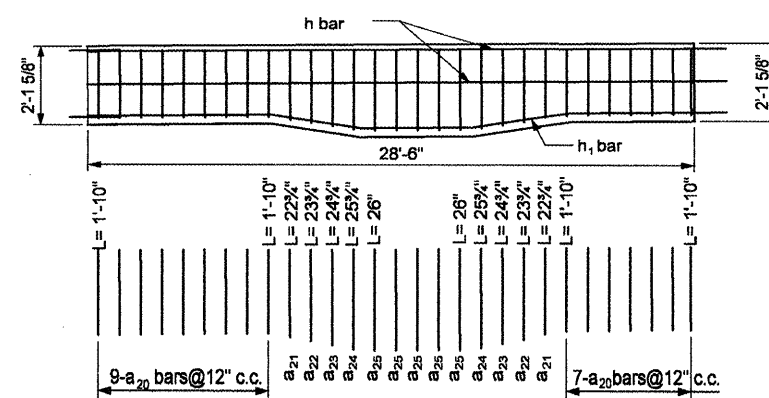
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CONTRACT NO. 68258				
FED. ROAD DIST. NO. 4 ILLINOIS FED. AID PROJECT				



PANEL ①

BILL OF MATERIALS  
PANEL ①

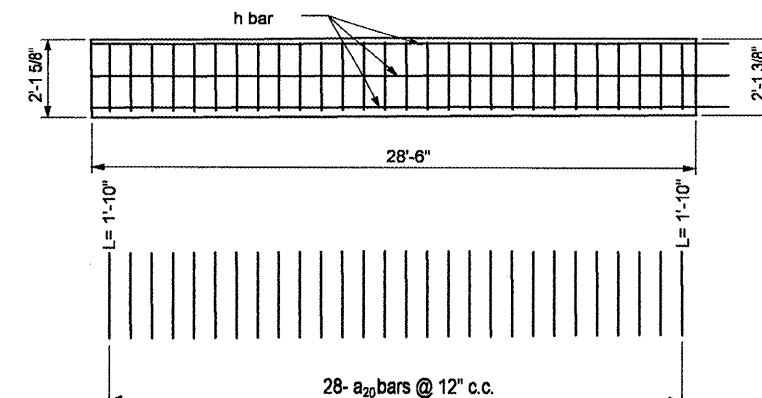
Bar	No.	Size	Length	Shape
a <sub>1</sub> to a <sub>19</sub>	19	#4	Variable	
a <sub>20</sub>	10	#4	4'-11 1/2"	
h	7	#3	30'-0"	
Reinforcement Bars			Pound	171.0
PCC Sidewalk 6", Special			Sq Ft	219.55



PANEL ②

BILL OF MATERIALS  
PANEL ②

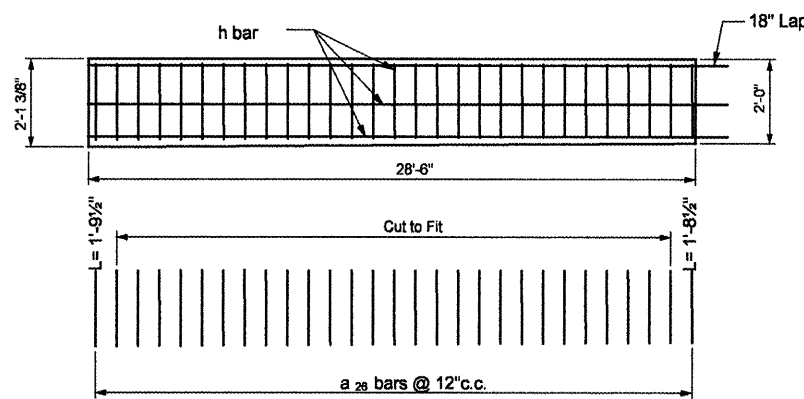
Bar	No.	Size	Length	Shape
a <sub>21</sub> to a <sub>25</sub>	13	#4	Variable	
a <sub>26</sub>	7	#4	4'-11 1/2"	
h	2	#3	30'-0"	
h <sub>1</sub>	5	#3	30'-0"	
Reinforcement Bars			Pound	177.5
PCC Sidewalk 6", Special			Sq Ft	218.60



PANEL ③

BILL OF MATERIALS  
PANEL ③

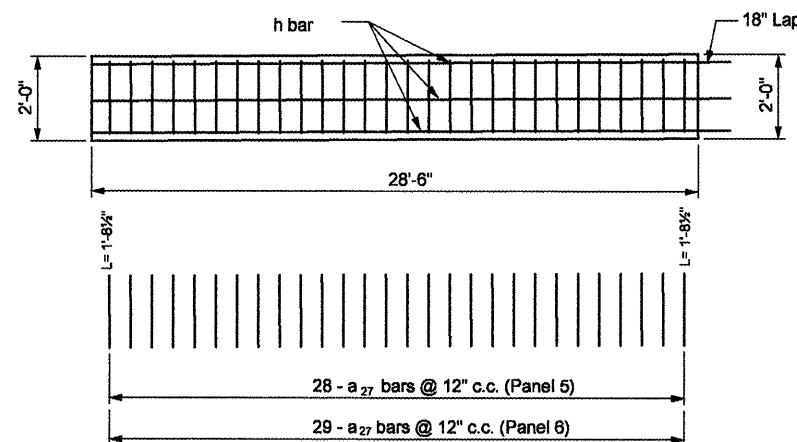
Bar	No.	Size	Length	Shape
a <sub>20</sub>	28	#4	4'-11 1/2"	
h	7	#3	30'-0"	
Reinforcement Bars			Pound	171.7
PCC Sidewalk 6", Special			Sq Ft	218.60



PANEL ④

BILL OF MATERIALS  
PANEL ④

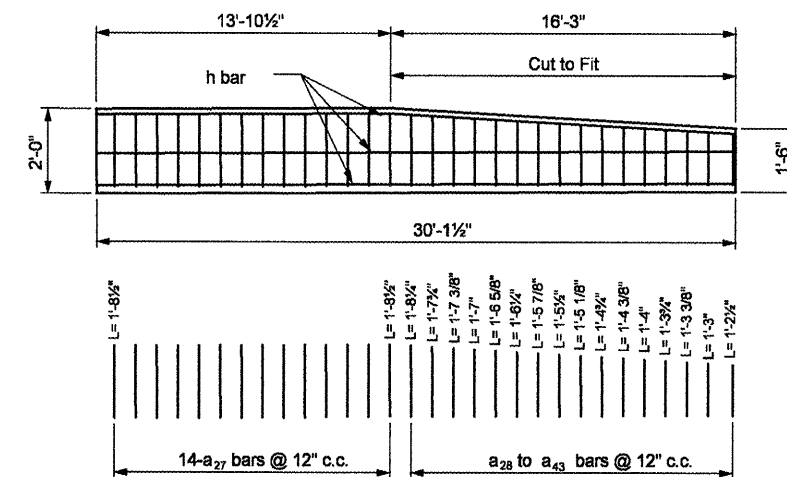
Bar	No.	Size	Length	Shape
a <sub>26</sub>	29	#4	4'-11"	
h	7	#3	30'-0"	
Reinforcement Bars			Pound	174.21
PCC Sidewalk 6", Special			Sq Ft	218.60



PANEL ⑤ & PANEL ⑥

BILL OF MATERIALS  
PANEL ⑤ & ⑥

Bar	No.	Size	Length	Shape
a <sub>27</sub>	57	#4	4'-10"	
h	14	#3	30'-0"	
Reinforcement Bars			Pound	183.91
PCC Sidewalk 6", Special			Sq Ft	437.20



PANEL ⑦

BILL OF MATERIALS  
PANEL ⑦

Bar	No.	Size	Length	Shape
a <sub>27</sub>	14	#4	4'-10"	
a <sub>28</sub> to a <sub>43</sub>	16	#4	Variable	
h	7	#3	30'-0"	
Reinforcement Bars			Pound	94.0
PCC Sidewalk 6", Special			Sq Ft	231.06

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	PLOT DATE = 12/11/2008	CHECKED -	REVISED -
		DATE -	REVISED -

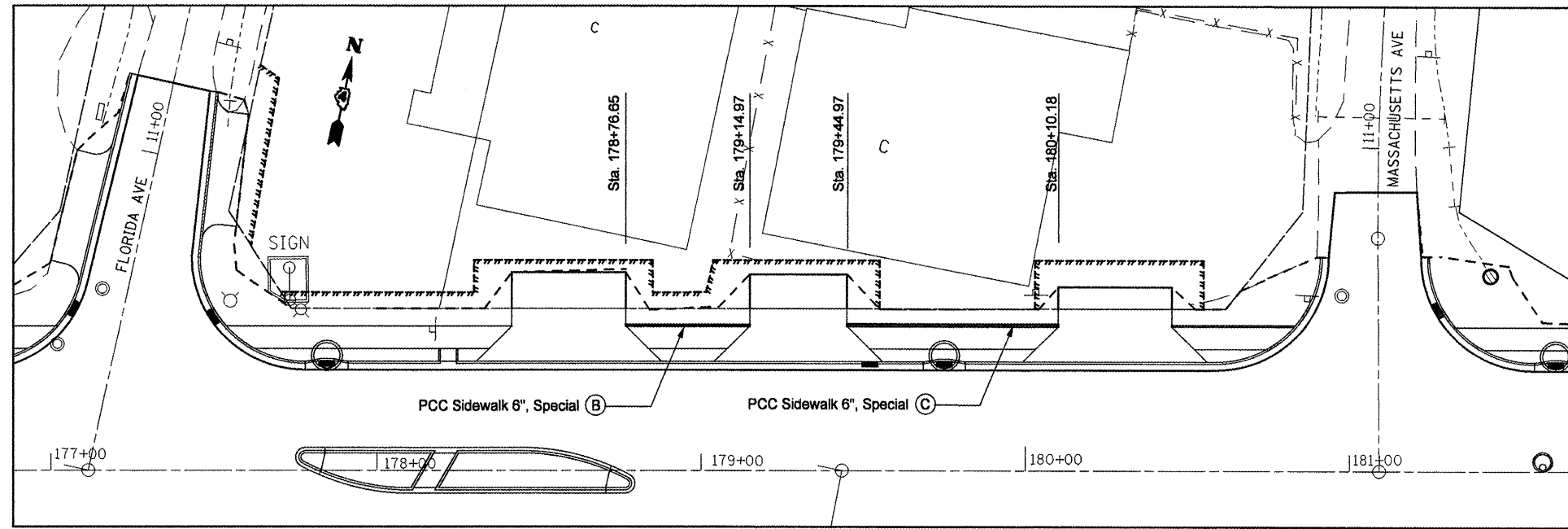
STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

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

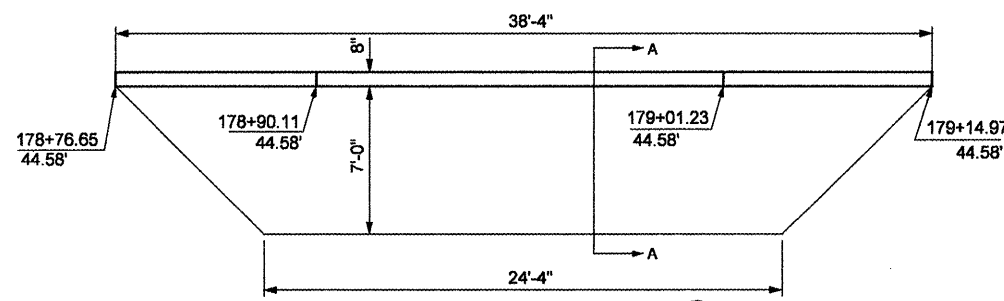
PCC SIDEWALK 6", SPECIAL - (A)

F.A.P. RTE. 399	SECTION 36 R-8	COUNTY TAZEWELL	TOTAL SHEETS 429	SHEET NO. 169
CONTRACT NO. 68258				
FED. ROAD DIST. NO. 4 ILLINOIS FED. AID PROJECT				

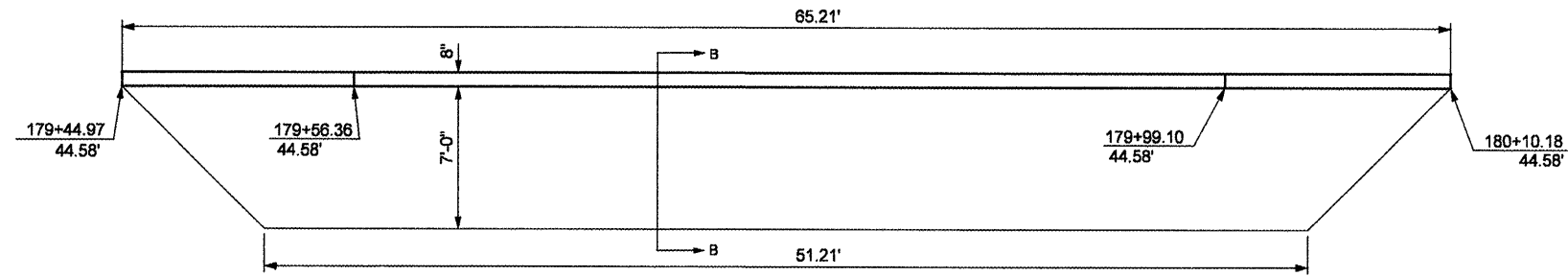




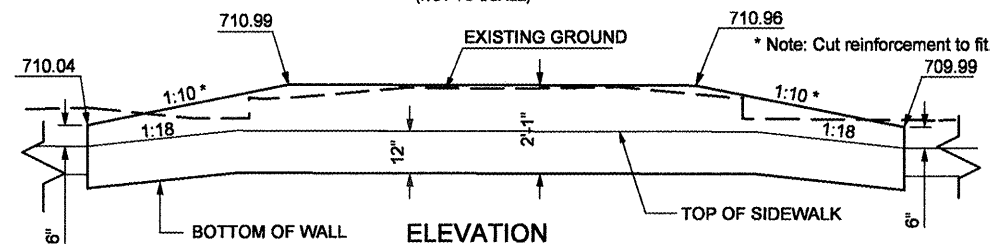
**LOCATIONS OF PCC SIDEWALK 6" , SPECIAL**



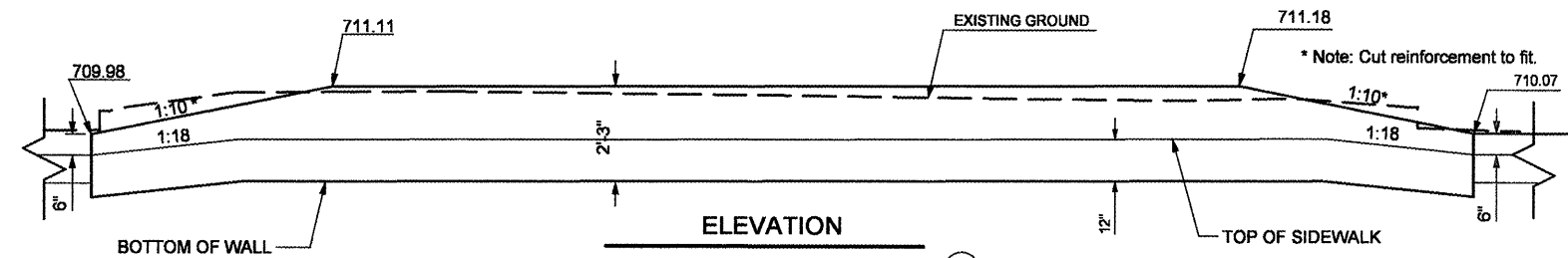
**PCC SIDEWALK 6" SPECIAL - (B)**  
Lt. Sta. 178+76.65 to 179+14.97  
(NOT TO SCALE)



**PCC SIDEWALK 6" SPECIAL - (C)**  
Lt. Sta. 179+44.97 to 180+10.18  
(NOT TO SCALE)



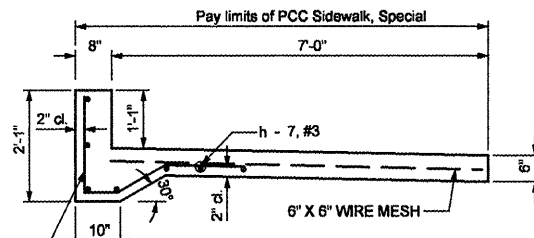
**PCC SIDEWALK 6" SPECIAL - (B)**  
(NOT TO SCALE)



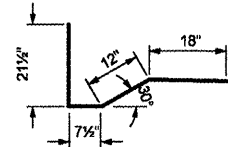
**ELEVATION**  
**PCC SIDEWALK 6" SPECIAL - (C)**  
(NOT TO SCALE)

**BILL OF MATERIALS**  
**PCC SIDEWALK 6" SPECIAL - (B)**

Bar	No.	Size	Length	Shape
a <sub>1</sub>	27	#4	4'-9"	
h	7	#3	25'-7"	
Reinforcement Bars			Pound	153.0
PCC Sidewalk 6", Special			Sq Ft	245.0



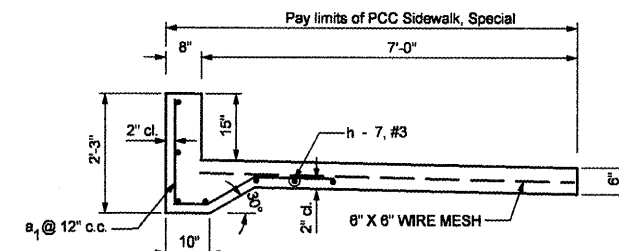
**SECTION A-A**  
(NOT TO SCALE)



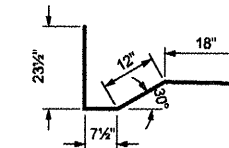
**BAR a<sub>1</sub> DETAIL**  
(NOT TO SCALE)

**BILL OF MATERIALS**  
**PCC SIDEWALK 6" SPECIAL - (C)**

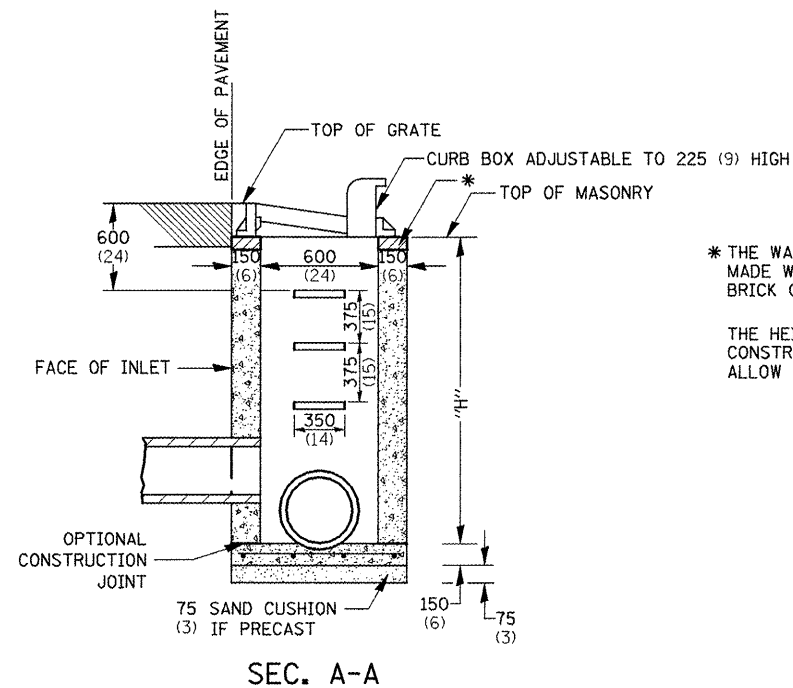
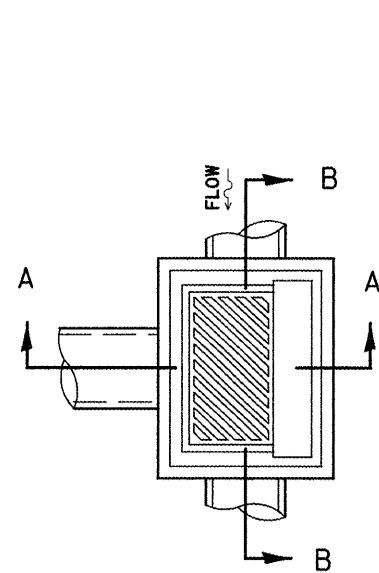
Bar	No.	Size	Length	Shape
a <sub>1</sub>	66	#4	5'-1"	
h	7	#3	64'-11"	
Reinforcement Bars			Pound	395.0
PCC Sidewalk 6", Special			Sq Ft	451.12



**SECTION B-B**  
(NOT TO SCALE)

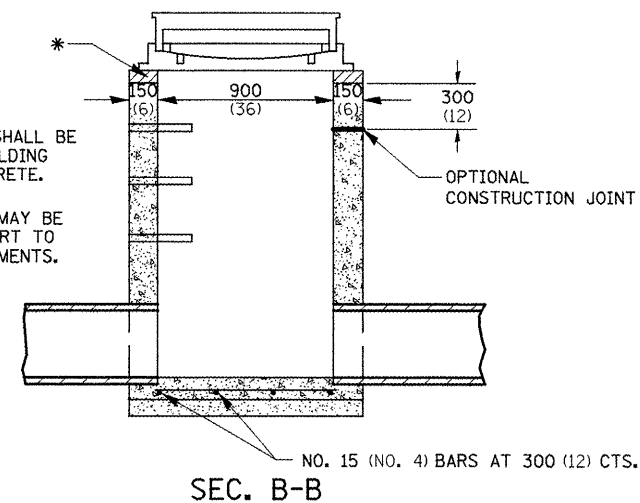


**BAR a<sub>1</sub> DETAIL**  
(NOT TO SCALE)



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

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



**NOTES**

SEE STANDARD 602701 FOR DETAILS OF STEPS.

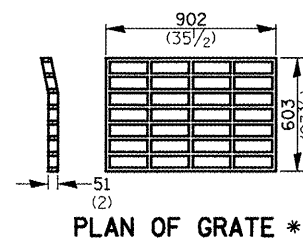
EXCEPT AS NOTED HEREON INLET SPECIAL SHALL BE CONSTRUCTED IN ACCORDANCE WITH SECTION 602 OF THE STANDARD SPECIFICATIONS.

THE SIDE WALLS MAY BE BUILT AS PRECAST SEGMENTED SECTIONS.

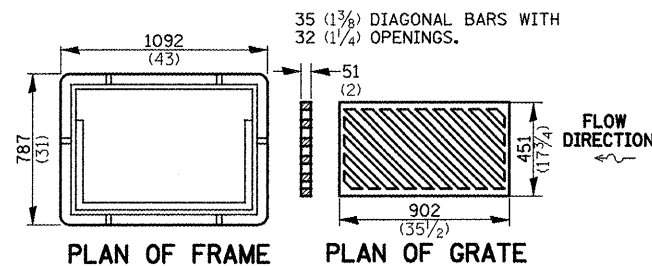
ALL VOIDS AROUND PIPE ENTRANCE, BOTH INSIDE AND OUTSIDE, SHALL BE SEALED WITH MORTAR.

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

**DETAIL OF FRAME & GRATE**

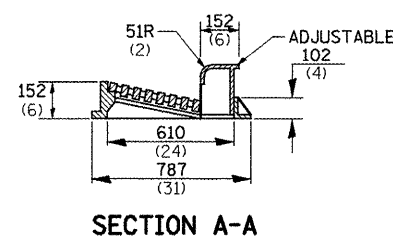


PLAN OF GRATE \*

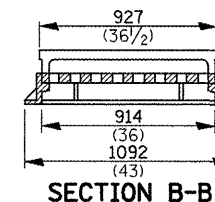


PLAN OF FRAME

PLAN OF GRATE



SECTION A-A



SECTION B-B

**NOTES**

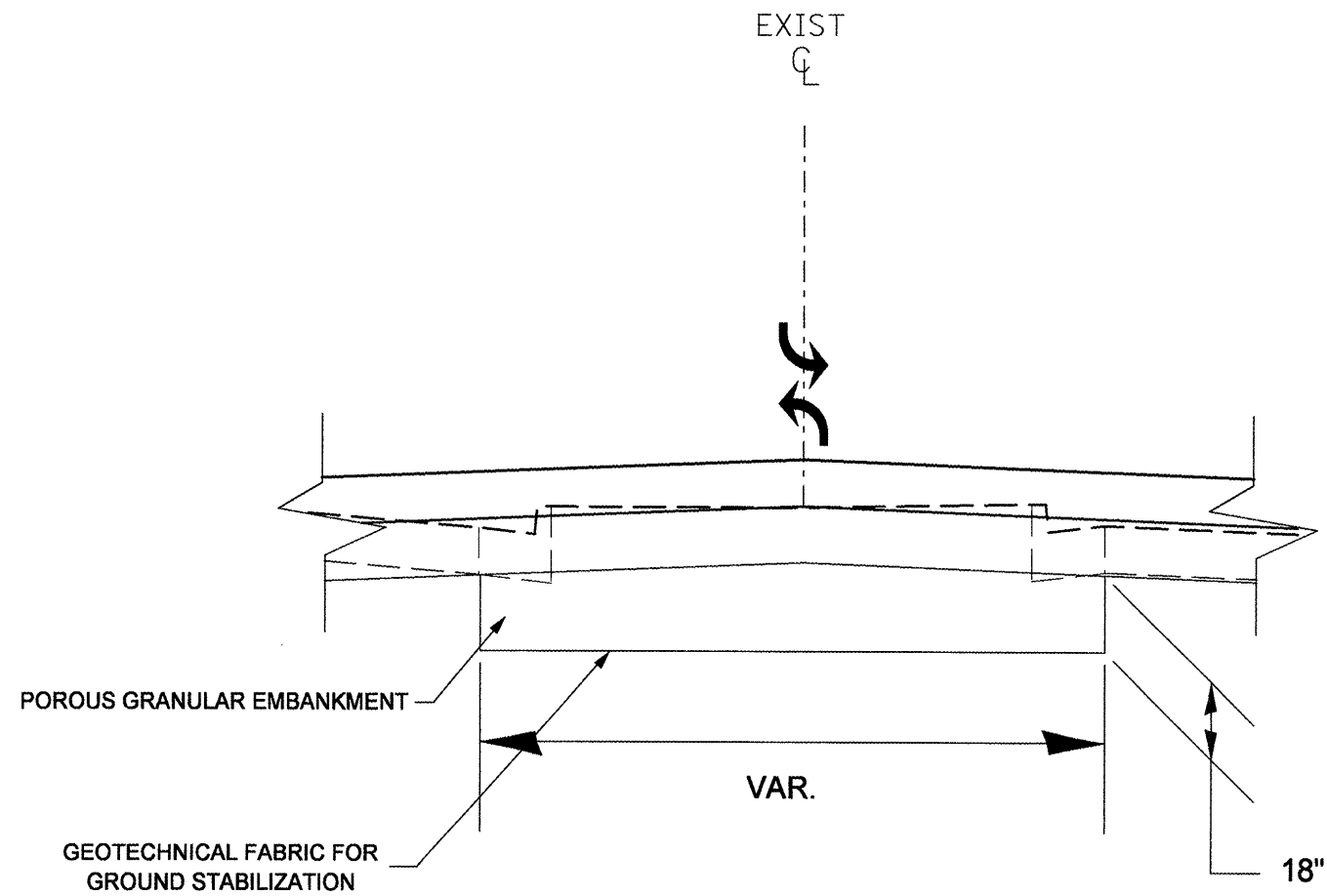
CLASS SI CONCRETE OR PRECAST CONCRETE SHALL BE USED THROUGHOUT. PRECAST CONCRETE SHALL BE IN ACCORDANCE WITH SECTION 504.01 THRU 504.05 OF THE STANDARD SPECIFICATIONS EXCEPT THAT CONCRETE STRENGTH SHALL BE 27.5 MPa (4,000 psi) AFTER 28 DAYS.

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

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

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

FILE NAME = D-2 Standard 10 2.dgn	USER NAME = crespole	DESIGNED -	REVISED -	<b>STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION</b>	<b>INLET SPECIAL DETAILS</b>			F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	PLOT SCALE = 100.0000' / IN.	DRAWN -	REVISED -					399	36 R-8	TAZEWELL	429	171
	PLOT DATE = 12/11/2008	CHECKED -	REVISED -					<b>CONTRACT NO. 68258</b>				
		DATE -	REVISED -					SCALE:	SHEET NO. OF SHEETS	STA. TO STA.	FED. ROAD DIST. NO. 4	ILLINOIS



STA. 152+88 - 156+87  
 STA. 184+45 - 186+31

	POROUS GRANULAR EMBANKMENT (CU YD)	REMOVAL AND DISPOSAL OF UNSUITABLE MATERIAL (CU YD)	GEOTECHNICAL FABRIC FOR GROUND STABILIZATION (SQ YD)
STA. 152+88 - 156+87	271	271	740.7
STA. 184+45 - 186+31	171	171	467.1

FILE NAME = Undercut.dgn	USER NAME = crespole	DESIGNED -	REVISED -
		DRAWN -	REVISED -
		CHECKED -	REVISED -
		DATE -	REVISED -

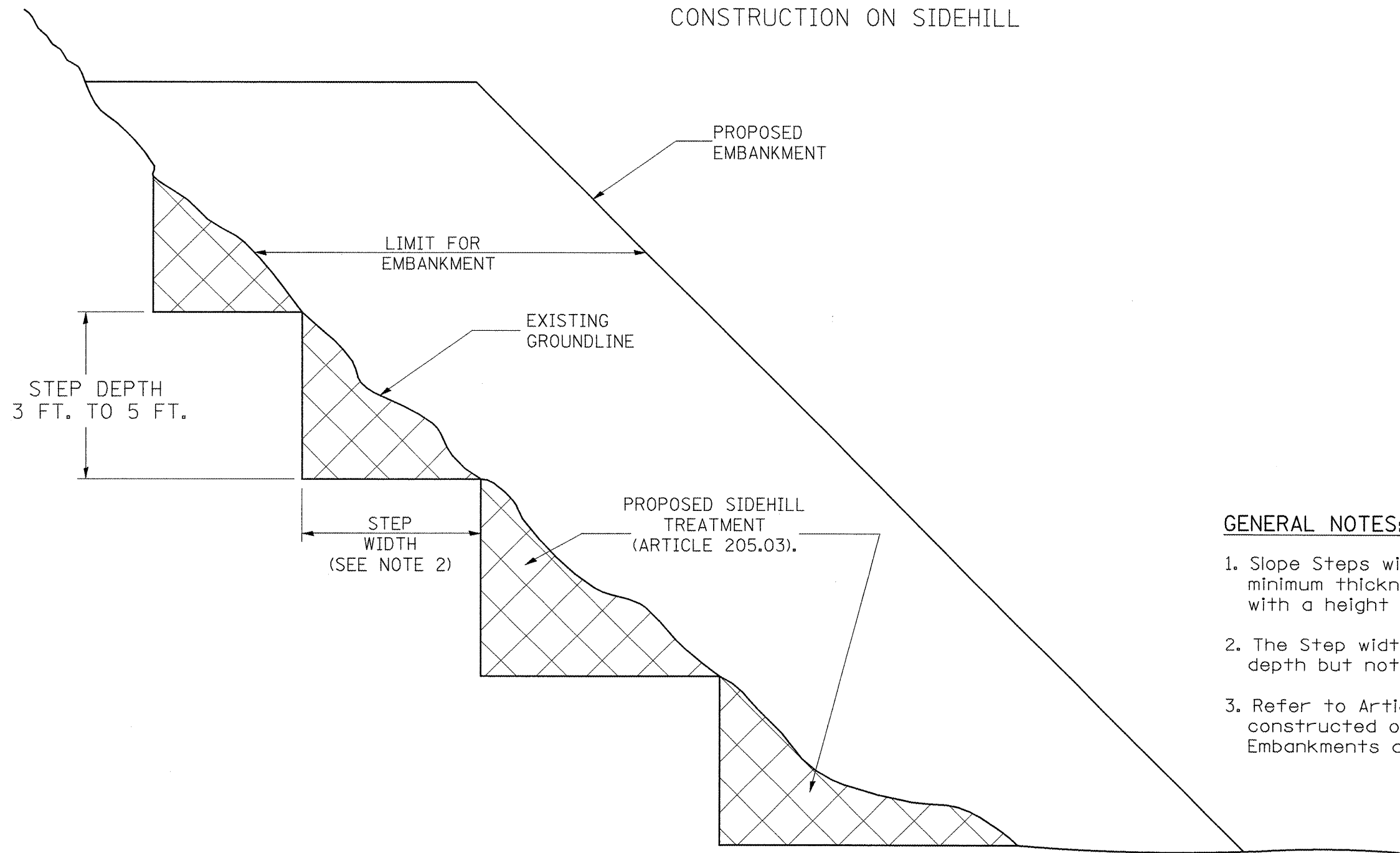
**STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION**

<b>UNDERCUT DETAIL</b>			
SCALE:	SHEET NO.	OF SHEETS	STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
399	36 RS-5	TAZEWELL	429	172
<b>CONTRACT NO. 68258</b>				
FED. ROAD DIST. NO. 4 ILLINOIS FED. AID PROJECT				

# SLOPE STEPS DETAIL

## TYPICAL CROSS-SECTION EMBANKMENT CONSTRUCTION ON SIDEHILL



### GENERAL NOTES:

1. Slope Steps will be required for all 12(300) minimum thickness "silver fills" and on a fills with a height of 10'(3.0m).
2. The Step width shall be twice the Step depth but not less than 6 feet.
3. Refer to Article 205.03 for Embankment to be constructed on Hillside or Slopes, or if existing Embankments are to be widened.

DESIGNER NOTE:

1. EACH PROJECT SHOULD BE REVIEWED INDEPENDENTLY FOR TREATMENT REQUIRED.
2. REFER TO THIS DETAIL WITH NOTE ON APPLICABLE TYPICAL SECTIONS.

REPLACEMENT MATERIAL:

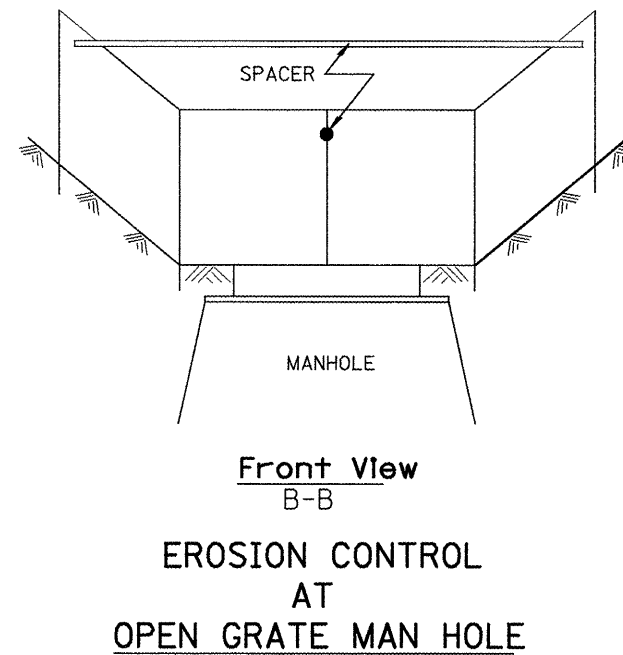
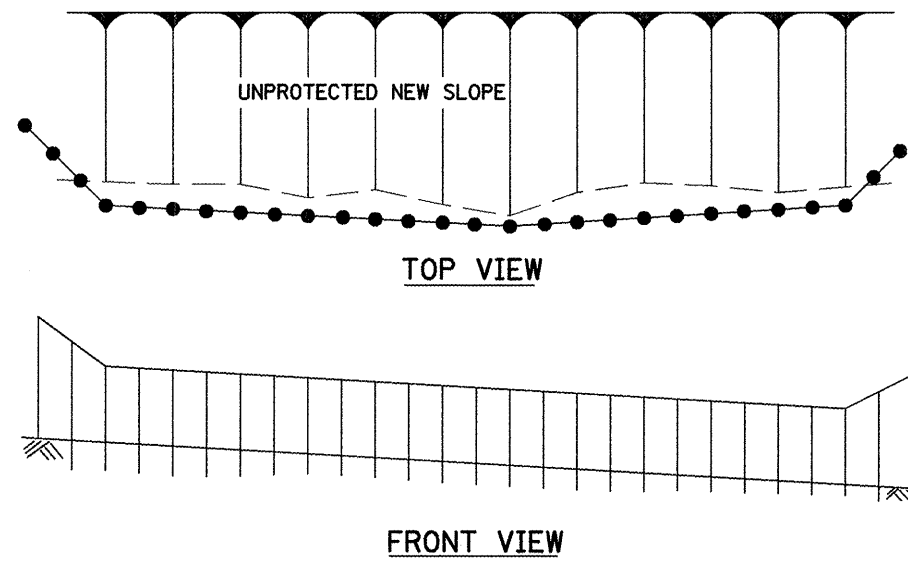
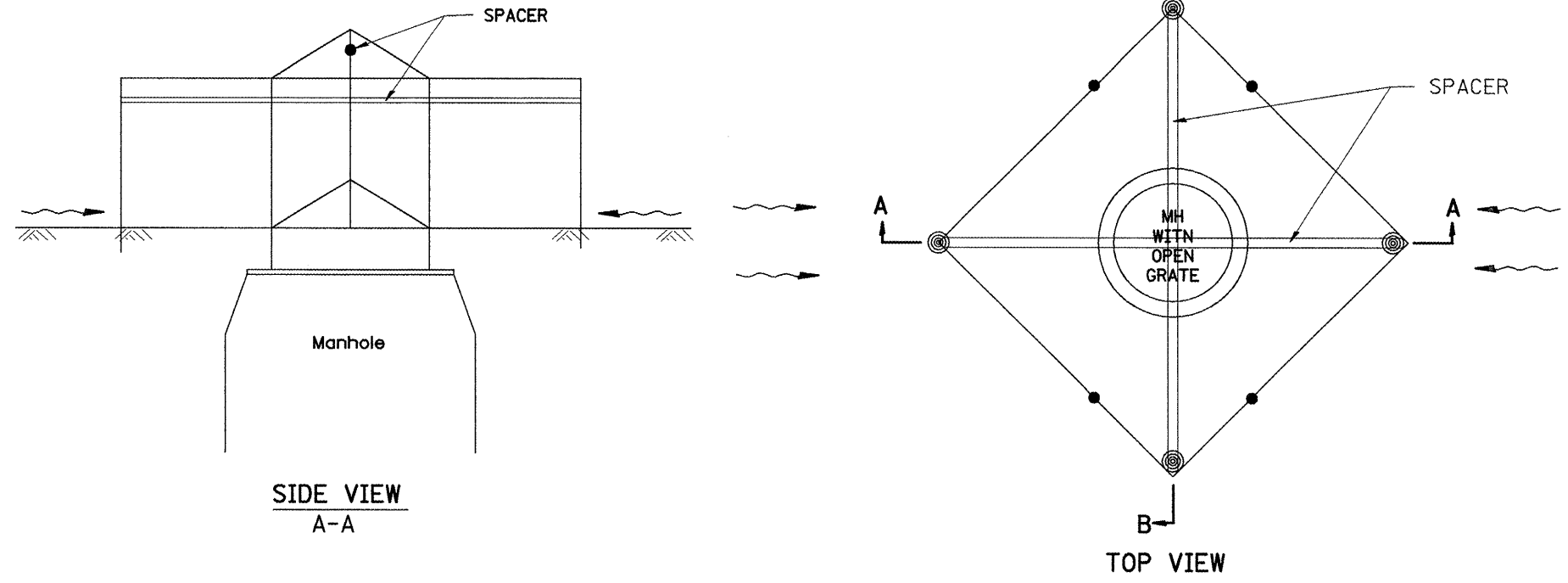
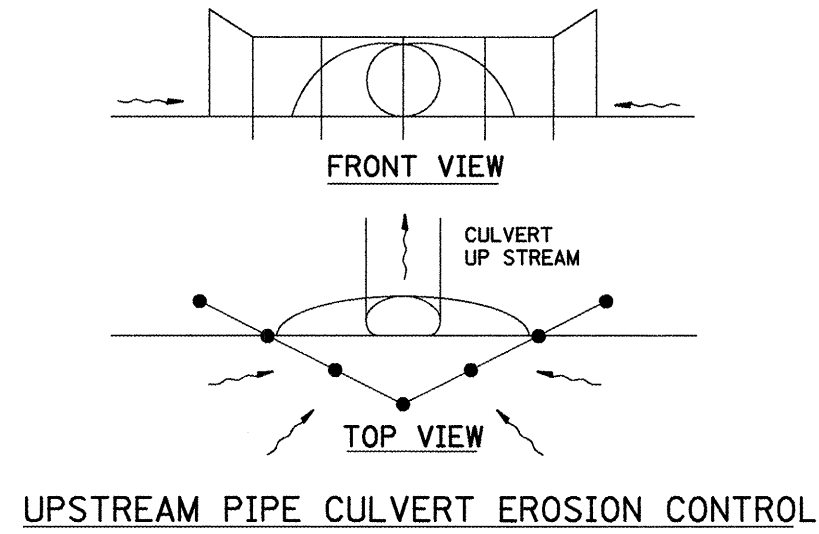
STANDARD EMBANKMENT  
(IN ACCORDANCE WITH  
205 OF THE STANDARD SPECIFICATION).

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

1-1-97	RENUM. L-5.03, NEW REVISION BOX, REVISED TITLE	T.P.				<b>STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION</b>	<b>SLOPE STEPS DETAIL</b>	F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	BOX, REVISED GENERAL NOTES.							399	36R-8	Tazewell	429	173
10-16-06	REVISED TO 2007 SPEC.	M.A.						CONTRACT NO. 68258				



Designer NOTES:  
 1. Designer to modify this Special Detail sheet, as needed, for inclusion in plans.  
 2. Include Highway Standard 280001 "TEMPORARY EROSION CONTROL SYSTEM."



**GENERAL NOTES:**

1. This work shall be performed in accordance with Sections 280 & 1081, of the Standard Specifications.
2. Additional Timber or Metal Post shall be installed, as needed.

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

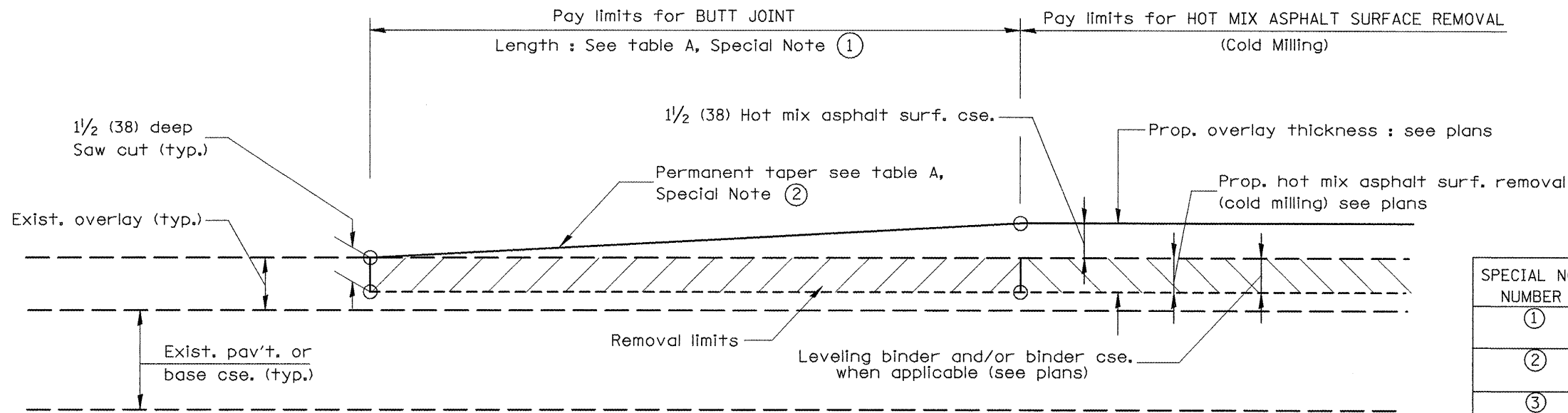
1-1-97		T.P.
3-11-03	ELIMINATED SILT FENCE DITCH CHECK	M.A.


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

**TYPICAL APPLICATION OF SILT FILTER FENCE**  
 NOT TO SCALE

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
399	36R-8	Tazewell	429	174
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT			CONTRACT NO. 68258	

DESIGNER NOTES:  
 1. Include District Special Provision for Butt Joints & for Hot Mix Asphalt Removal (Cold Milling).  
 2. The butt joints pay item includes the saw cut & temporary ramp. Payment for the Butt Joint applies whether or not the project features Hot Mix Asphalt Removal (Cold Milling).



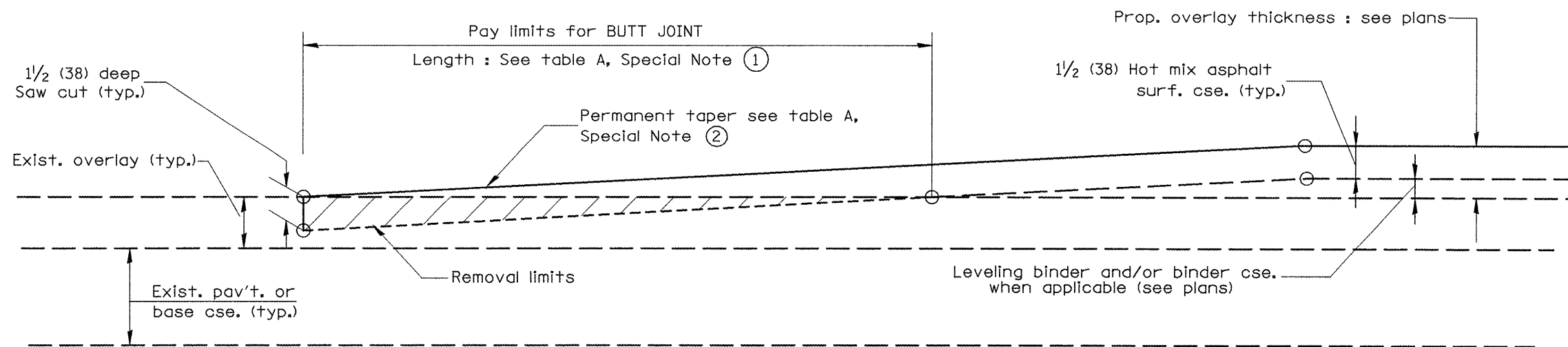
**CASE 1 : WITH HOT MIX ASPHALT SURFACE REMOVAL (COLD MILLING)**

**TABLE A**  
(LENGTHS AND TAPER RATES)

SPECIAL NOTE NUMBER	ELEMENT	MAINLINE INTERSTATES & 4-LANE EXPRESSWAYS	ALL OTHERS
①	LENGTH OF BUTT JOINT	60'(18.0 m)	30'(9.0 m)
②	PERMANENT TAPER RATE	1:480	1:240
③	TEMPORARY RAMP TAPER RATE	1:80	1:40
④	TEMPORARY RAMP LENGTH	10'(3.0 m)	5'(1.5 m)
⑤	LENGTH OF BUTT JOINT	10'(3.0 m)	10'(3.0 m)

**GENERAL NOTES**

- The work shall be done in accordance with Article 406.08 and the Special Provision for Butt Joints.
- The pavement surface to be removed may be either bituminous or P.C. concrete. The work shall be performed in accordance with Article 440.04 and the Special Provisions for Butt Joints.
- The saw cut joints shall be primed just prior to the placing of bituminous material. The work will be in accordance with the applicable portions of Article 406.05.



**CASE 2 : NO HOT MIX ASPHALT SURFACE REMOVAL (COLD MILLING)**

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

01-01-97	RENUM. C-23.01, NEW REVISION BOX	T.P.			
04-01-97	CORRECTION TO DEPTH	J.A.			
09-15-05	REVISED DESIGNER NOTE	M.M.A.			
10-16-06	REVISED TO 2007 SPEC.	M.A.			

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

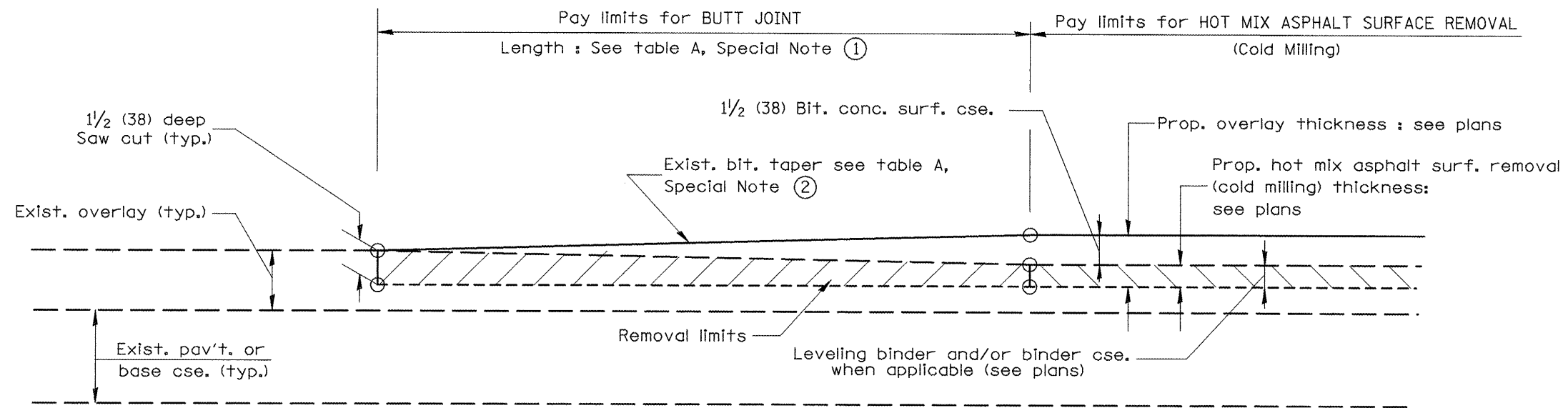
NOT TO SCALE

**BUTT JOINTS**

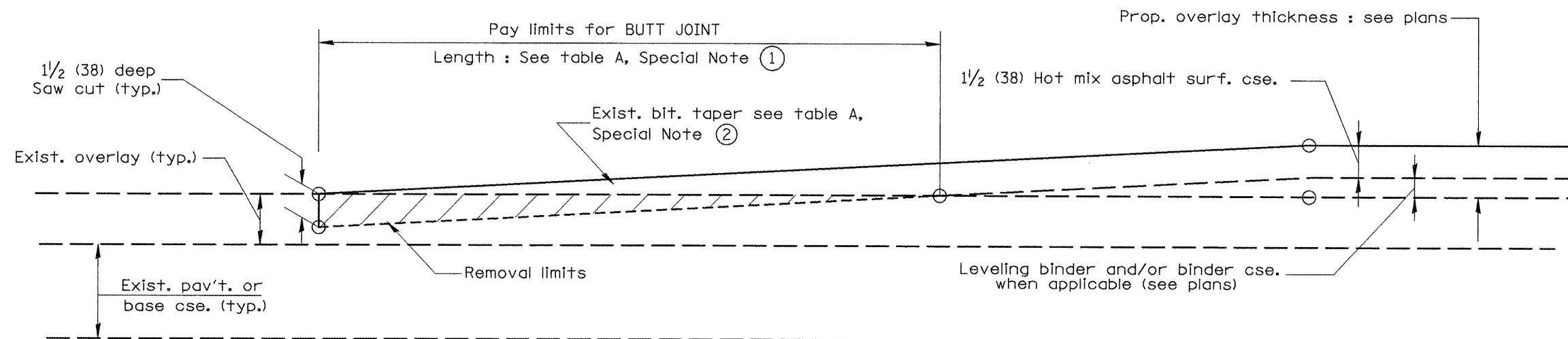
429

SHT. 1 OF 3  
CADD STD. 406101-D4

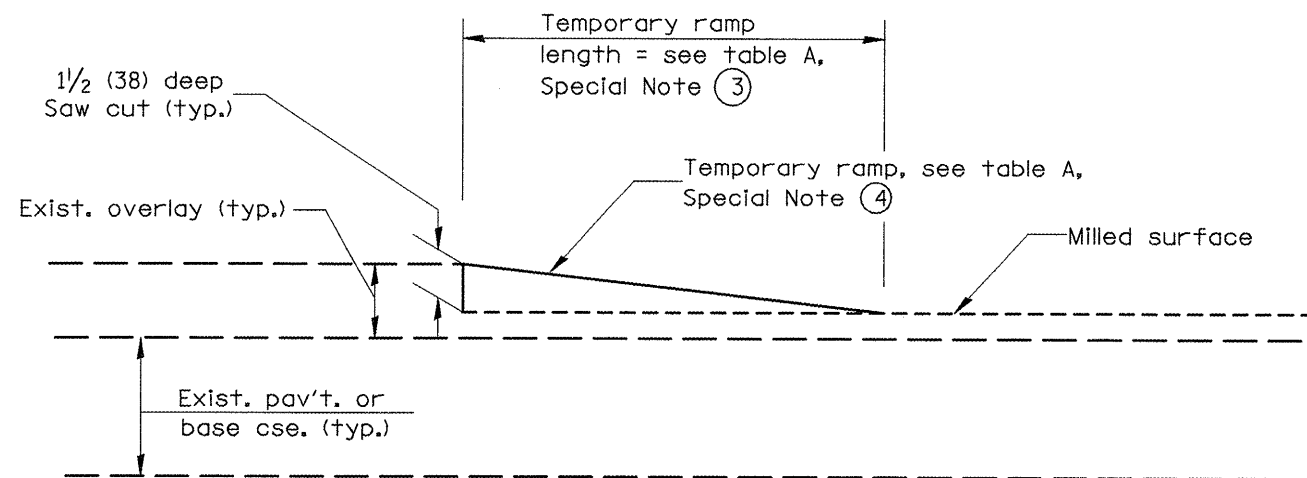
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
399	36R-8	Tazewell	429	175
CONTRACT NO. 68258				
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		



**CASE 3 : WITH HOT MIX ASPHALT SURFACE REMOVAL (COLD MILLING)  
TIE-IN TO EXISTING BITUMINOUS TAPER**



**CASE 4 : NO HOT MIX ASPHALT SURFACE REMOVAL (COLD MILLING)  
TIE-IN TO EXISTING BITUMINOUS TAPER**



**DETAIL TEMPORARY RAMP**

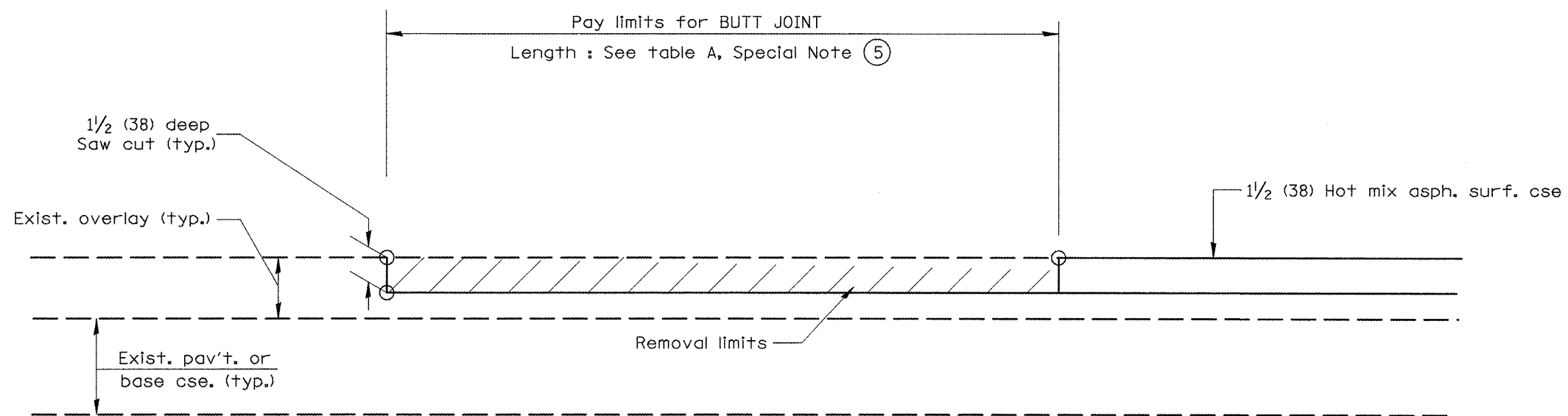
All dimensions are in inches (millimeters) unless otherwise noted.

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**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**BUTT JOINTS**  
NOT TO SCALE  
429

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
399	36R-8	Tazewell	429	176
FED. ROAD DIST. NO.			ILLINOIS FED. AID PROJECT	
			CONTRACT NO. 68258	



**CASE 5 : WITH HOT MIX ASPHALT SURFACE REMOVAL (COLD MILLING)  
TIE-IN TO EXISTING BITUMINOUS TAPER**

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

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

BUTT JOINTS

NOT TO SCALE

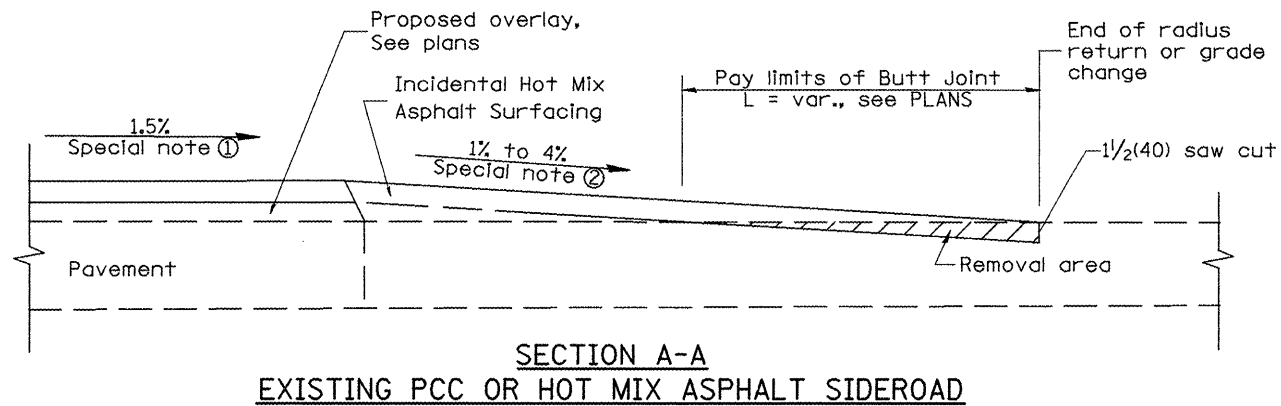
429

SHT. 3 OF 3  
CADD STD. 406101-D4

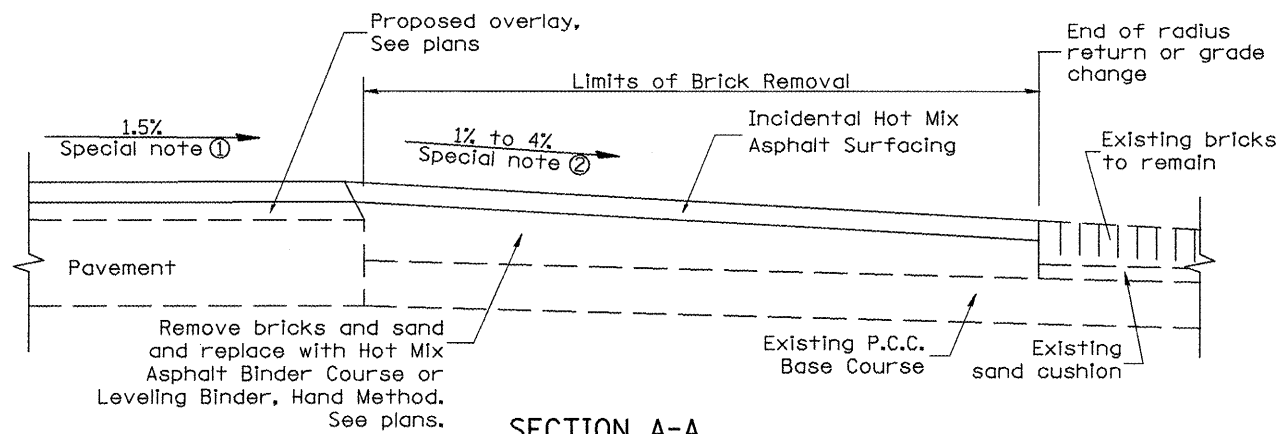
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
399	36R-8	Tazewell	429	177
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT			CONTRACT NO. 68258	



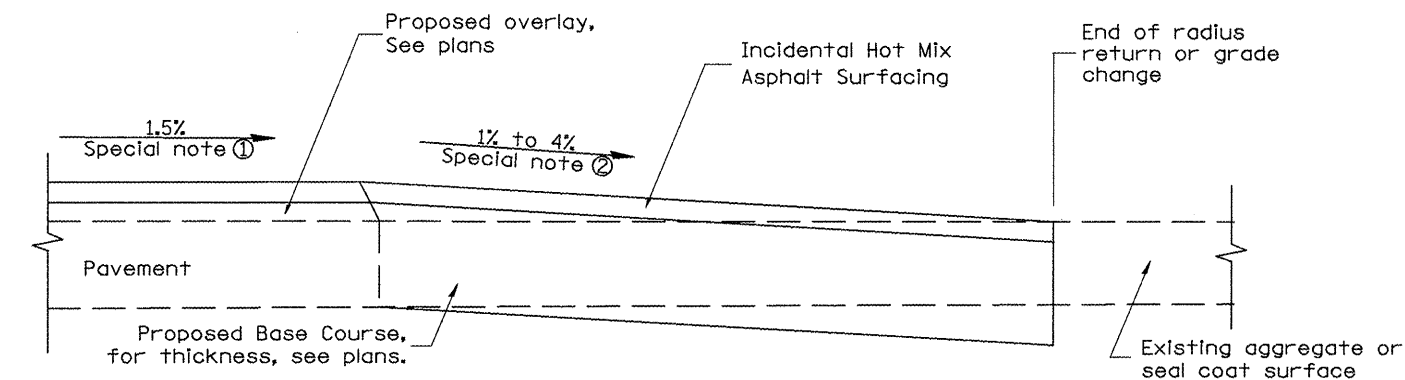
DESIGNER NOTES:  
 1. DESIGNER SHOULD CONSULT CHAPTER 49 OF THE BDE FOR 3R POLICY.  
 2. DESIGNER SHOULD REVIEW CHAPTER 38 FOR ADA  
 3. STATE STANDARD 424001 SHOULD BE INCLUDED IN THE PLANS TO SUPPLEMENT THIS DRAWING, IF SIDEWALKS ARE TO BE CONSTRUCTED INITIALLY.



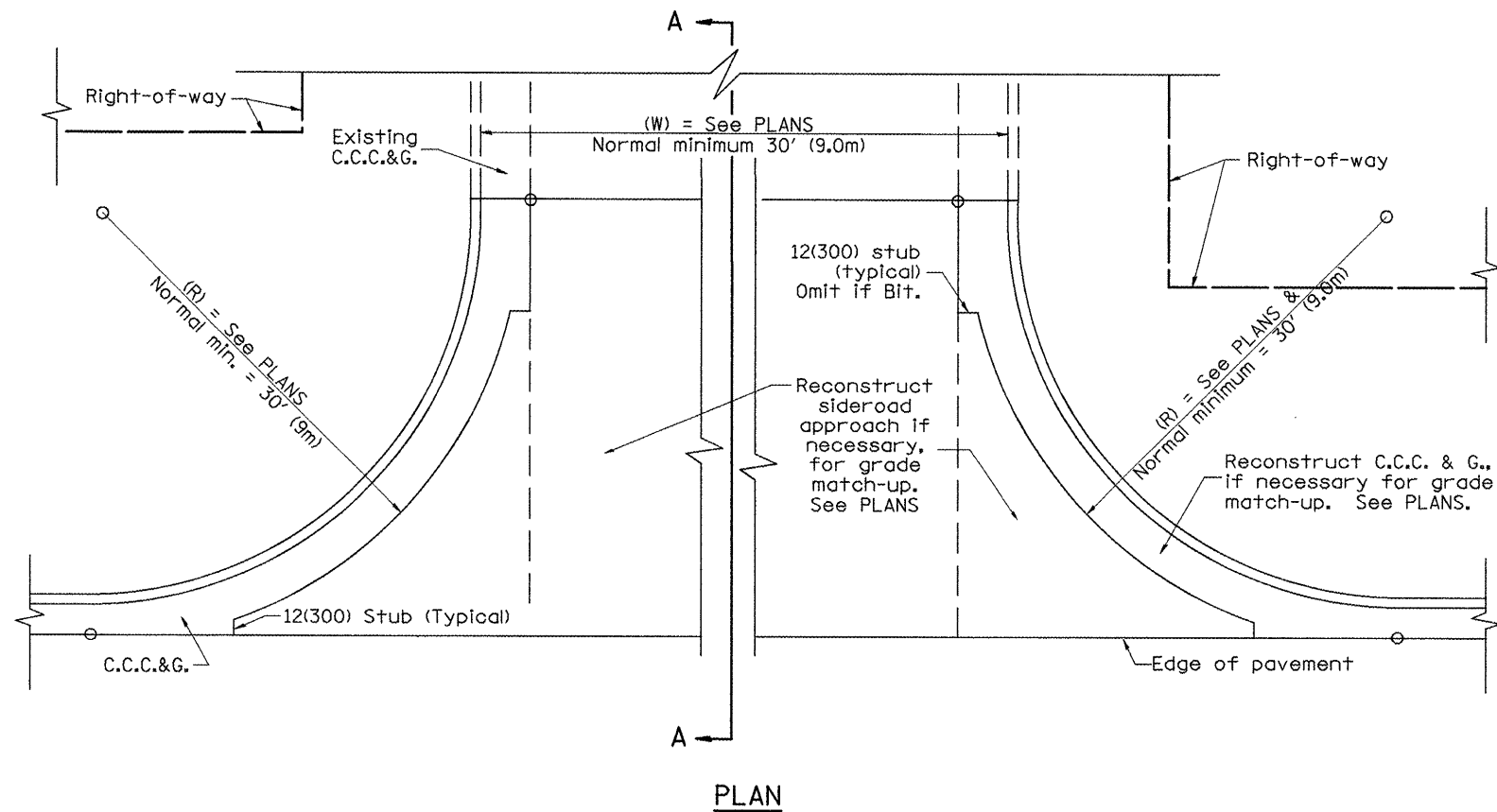
**SECTION A-A  
EXISTING PCC OR HOT MIX ASPHALT SIDEROAD**



**SECTION A-A  
EXISTING BRICK SIDEROAD**



**SECTION A-A  
EXISTING AGGREGATE OR SEALCOAT SIDEROAD**



**PLAN**

**SPECIAL NOTES**

- ① The mainline pavement cross-slope is 1.5% for tangent alignment. See Plans for cross-slope on super-elevated horizontal curves.
- ② The sidewalk profile should drain away from the mainline at 1% to 4% for 50' (15.0m) to 100' (30.0m), or as a minimum to the end of the radius return. When the sidewalk is on the high side of a mainline super-elevated curve, - 2% maximum should be provided in order to minimize breakover at the pavement edge. See plans for sidewalk profiles.

All dimensions are in Inches (millimeters) unless otherwise noted.

01-01-97	RENUM. C-105.01, NEW REVISION BOX	T.P.
07-01-97	REVISE DESIGNER NOTES	J.A.
09-15-05	REVISED DESIGNER NOTE	M.M.A.
10-16-06	REVISED TO 2007 SPEC.	M.A.


**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**URBAN SIDEROADS FOR "3R" PROJECTS**

NOT TO SCALE      429      CADD STD. 406501-D4

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
399	36R-8	Tazewell	429	178
CONTRACT NO. 68258				
<small>FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT</small>				

DESIGNER NOTES:  
 1. DESIGNER SHOULD REVIEW "HANDBOOK FOR THE POLICY ON PERMITS FOR ACCESS DRIVEWAYS TO STATE HIGHWAYS"  
 11. FLARES ARE RECOMMENDED FOR CURBLINE SIDEWALKS.  
 2. DESIGNER SHOULD REVIEW CHAPTER 58 OF BDE FOR THE ADA REQUIREMENTS.  
 3. INCLUDE STATE STANDARD 424001 AND 606001.

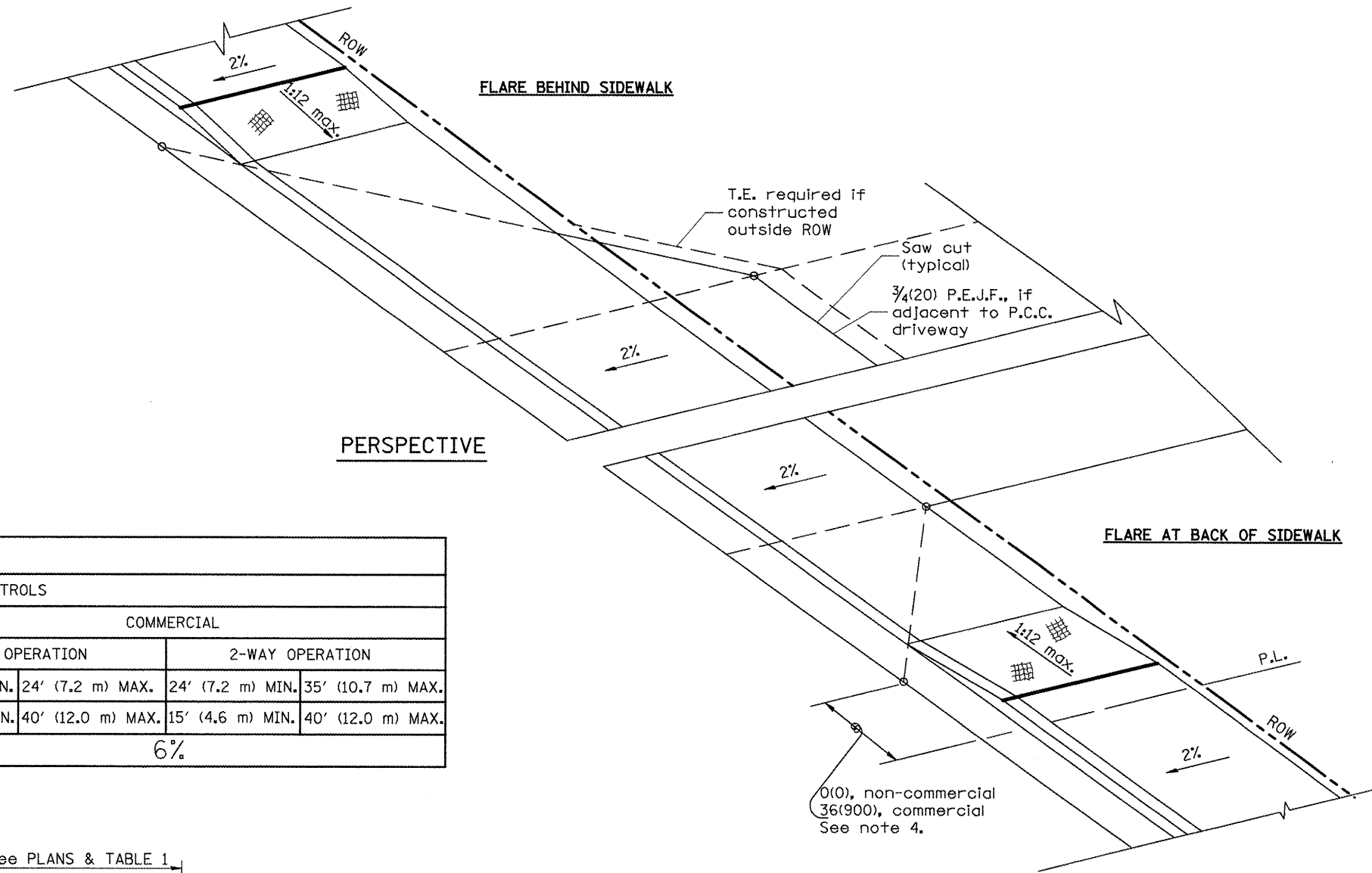
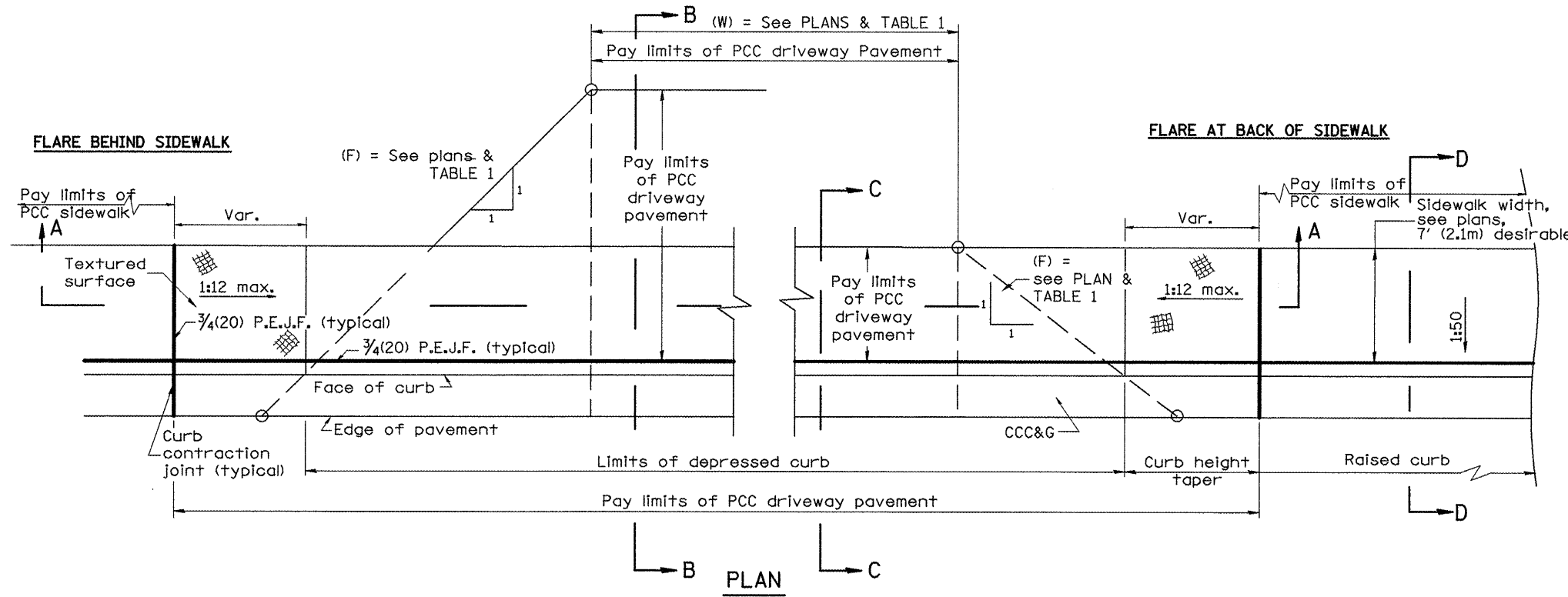


TABLE 1 URBAN ENTRANCE DESIGN CONTROLS						
ELEMENT	NON-COMMERCIAL		COMMERCIAL			
			1-WAY OPERATION		2-WAY OPERATION	
WIDTH (W)	12' (3.6 m) MIN.	24' (7.2 m) MAX.	14' (4.3 m) MIN.	24' (7.2 m) MAX.	24' (7.2 m) MIN.	35' (10.7 m) MAX.
RADIUS EQUIVALENT 1:1 FLARE (F)	5' (1.5 m) MIN.	25' (7.6 m) MAX.	15' (4.6 m) MIN.	40' (12.0 m) MAX.	15' (4.6 m) MIN.	40' (12.0 m) MAX.
MAX. GRADE (G)	8%		6%			



**GENERAL NOTES**

1. Refer to State Standard 424001 for texturing and other disabled accessibility design elements.
2. The sidewalk area located within the pay limits of P.C.C. Driveway Pavement will be of the same thickness and construction as the P.C.C. Driveway Pavement.
3. Combination Concrete Curb & Gutter shall be depressed in accordance with Standard 606001.
4. Exceptions to the radius flare/property line relationship are as shown in the plans for common entrances, with jointly executed access permits.

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

01-01-97	RENUM. C-103.02, NEW REVISION BOX,	T.P.
09-15-05	REVISED GENERAL NOTES	M.M.A.
10-16-06	REVISED DESIGNER NOTE	M.A.
	REVISED TO 2007 SPEC.	

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

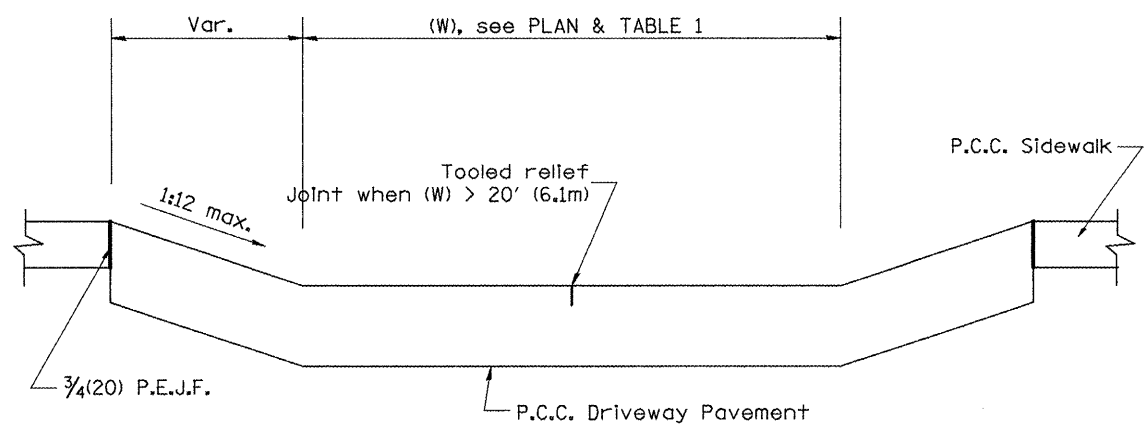
URBAN ENTRANCES, ACCESSIBLE TO THE DISABLED,  
FOR CURBLINE SIDEWALKS

NOT TO SCALE

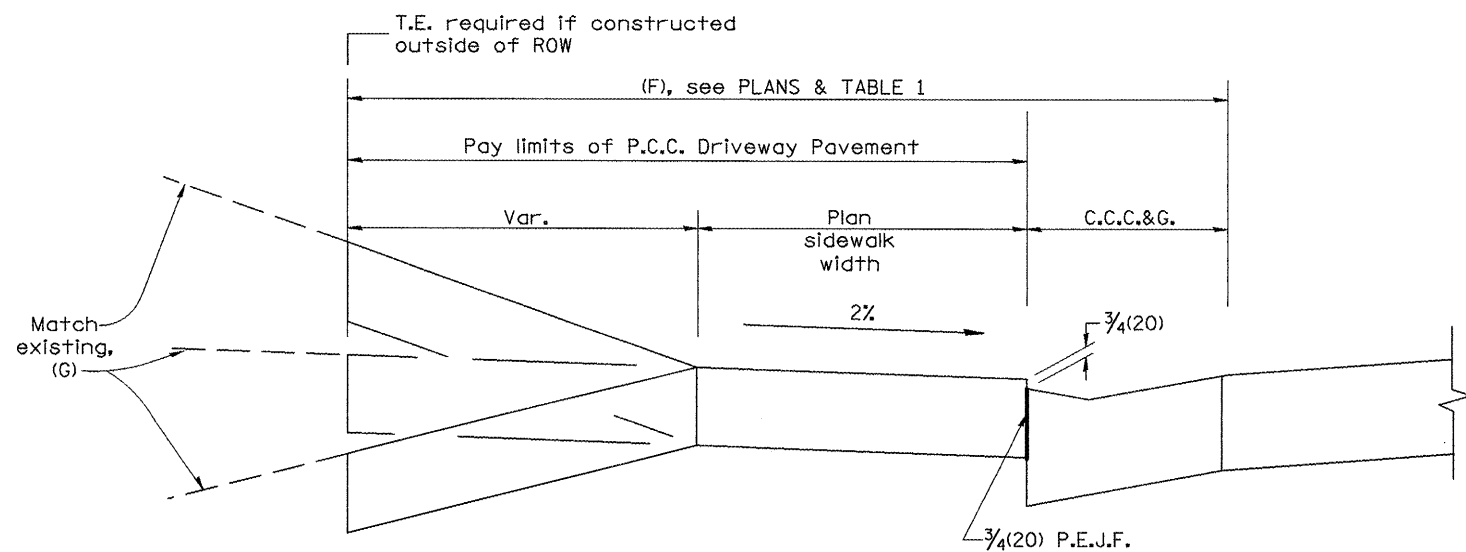
429

SHT. 1 OF 2  
CADD STD. 423101-D4

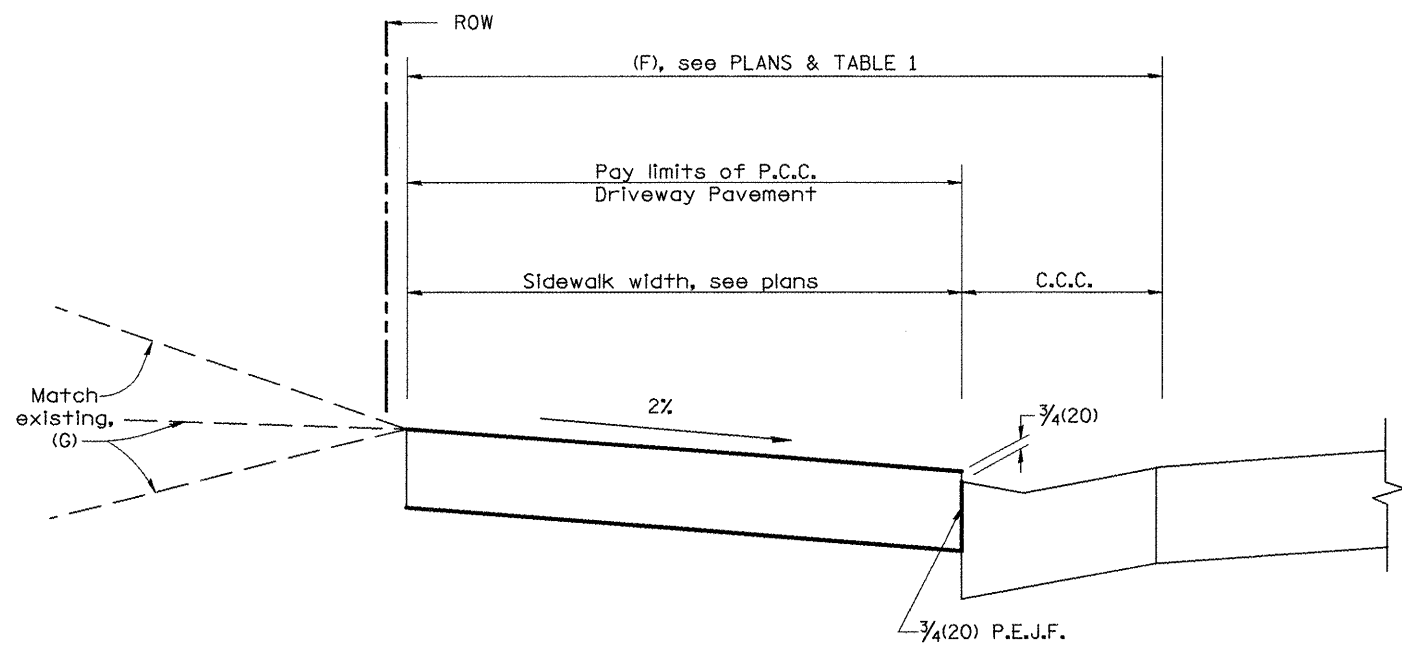
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
399	36R-8	Tazewell	429	179
CONTRACT NO. 68258				
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT				



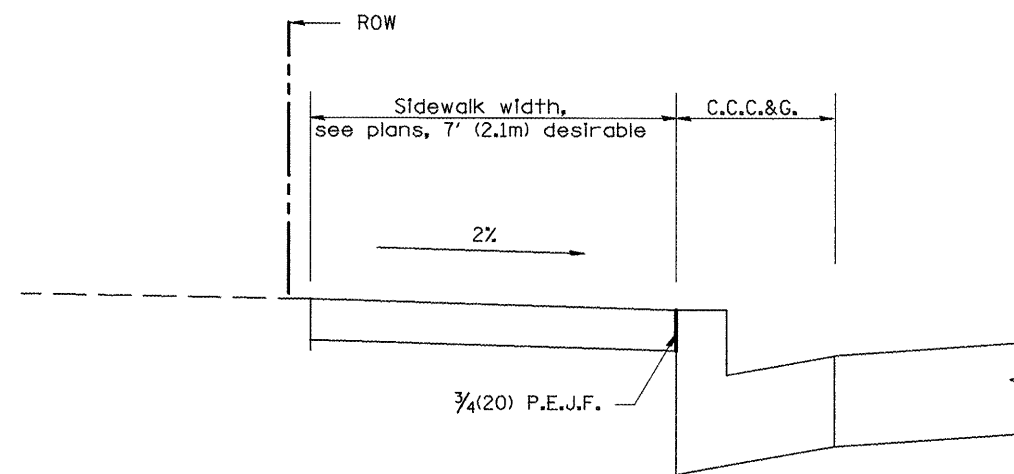
SECTION A-A



SECTION B-B



SECTION C-C



SECTION D-D

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

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

URBAN ENTRANCES, ACCESSIBLE TO THE DISABLED,  
FOR CURBLINE SIDEWALKS

NOT TO SCALE

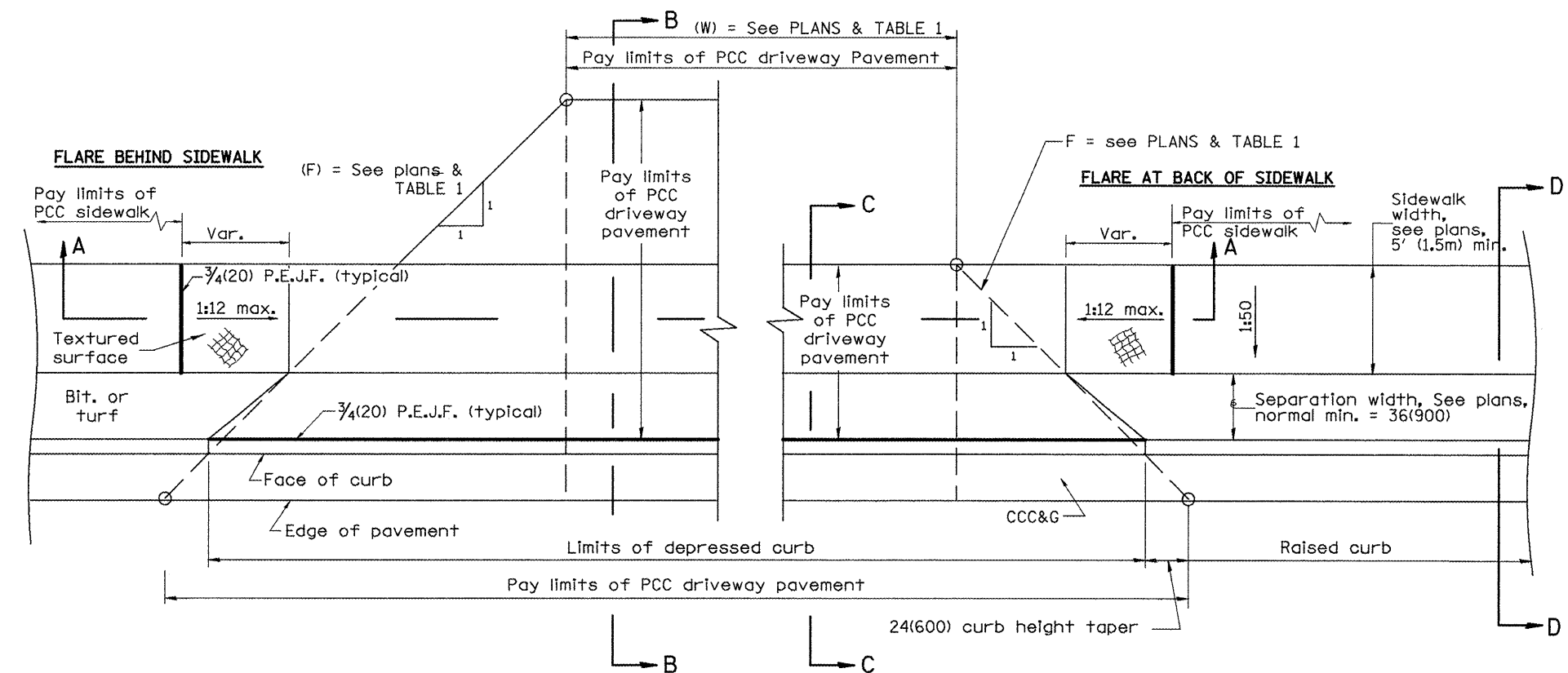
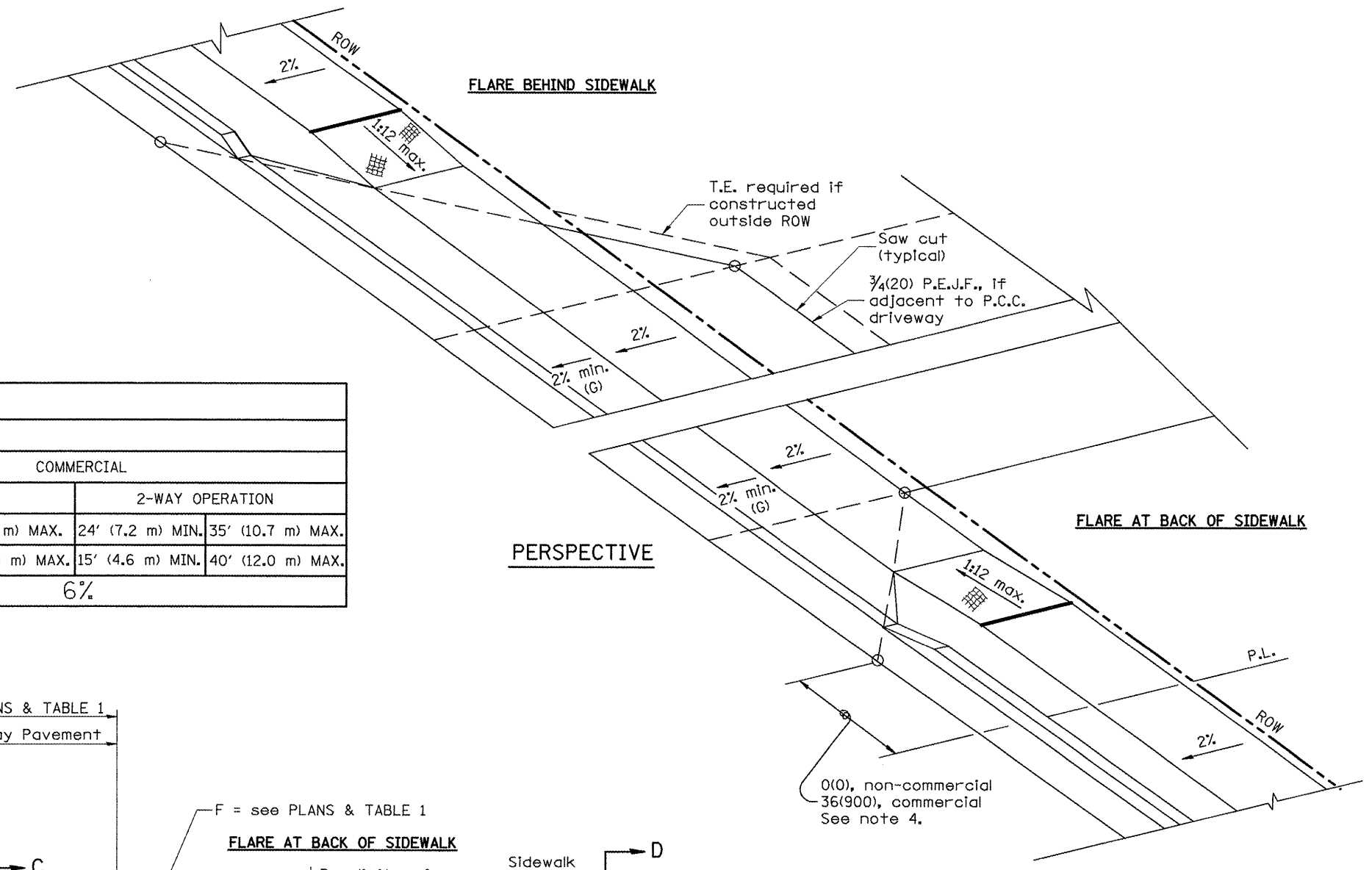
429

SHT. 2 OF 2  
CADD STD. 423101-D4

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
399	36R-8	Tazewell	429	180
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT			CONTRACT NO. 68258	

DESIGNER NOTES:  
 1. DESIGNER SHOULD REVIEW "HANDBOOK FOR THE POLICY ON PERMITS FOR ACCESS DRIVEWAYS TO STATE HIGHWAYS"  
 1:1 FLARES ARE RECOMMENDED FOR SIDEWALKS WITH NARROW SEPARATIONS.  
 2. DESIGNER SHOULD REVIEW BDE CHAPTER 58.  
 3. STATE STANDARD 424001 SHOULD BE INCLUDED IN THE PLANS TO SUPPLEMENT THIS DRAWING

TABLE 1 URBAN ENTRANCE DESIGN CONTROLS						
ELEMENT	NON-COMMERCIAL		COMMERCIAL			
			1-WAY OPERATION		2-WAY OPERATION	
WIDTH (W)	12' (3.6 m) MIN.	24' (7.2 m) MAX.	14' (4.3 m) MIN.	24' (7.2 m) MAX.	24' (7.2 m) MIN.	35' (10.7 m) MAX.
RADIUS EQUIVALENT 1:1 FLARE (F)	5' (1.5 m) MIN.	25' (7.6 m) MAX.	15' (4.6 m) MIN.	40' (12.0 m) MAX.	15' (4.6 m) MIN.	40' (12.0 m) MAX.
MAX. GRADE (G)	8%		6%			

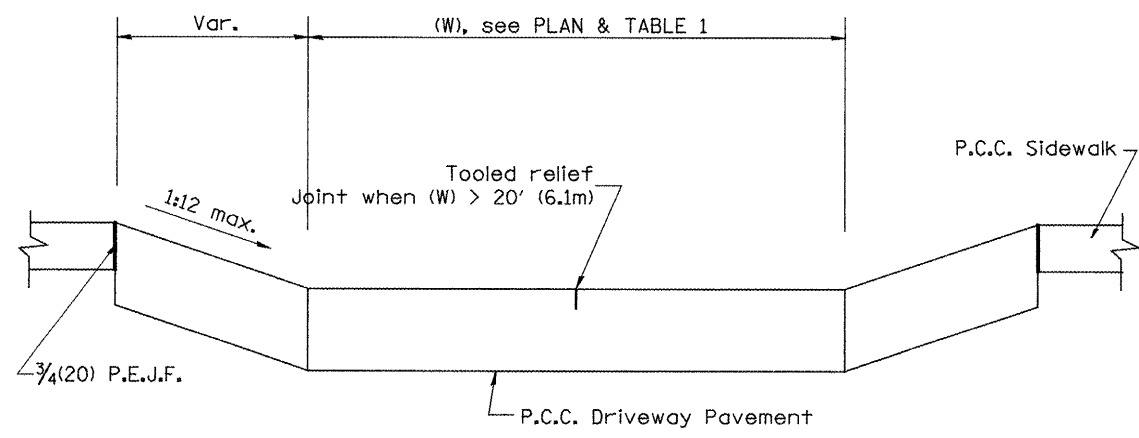


**GENERAL NOTES**

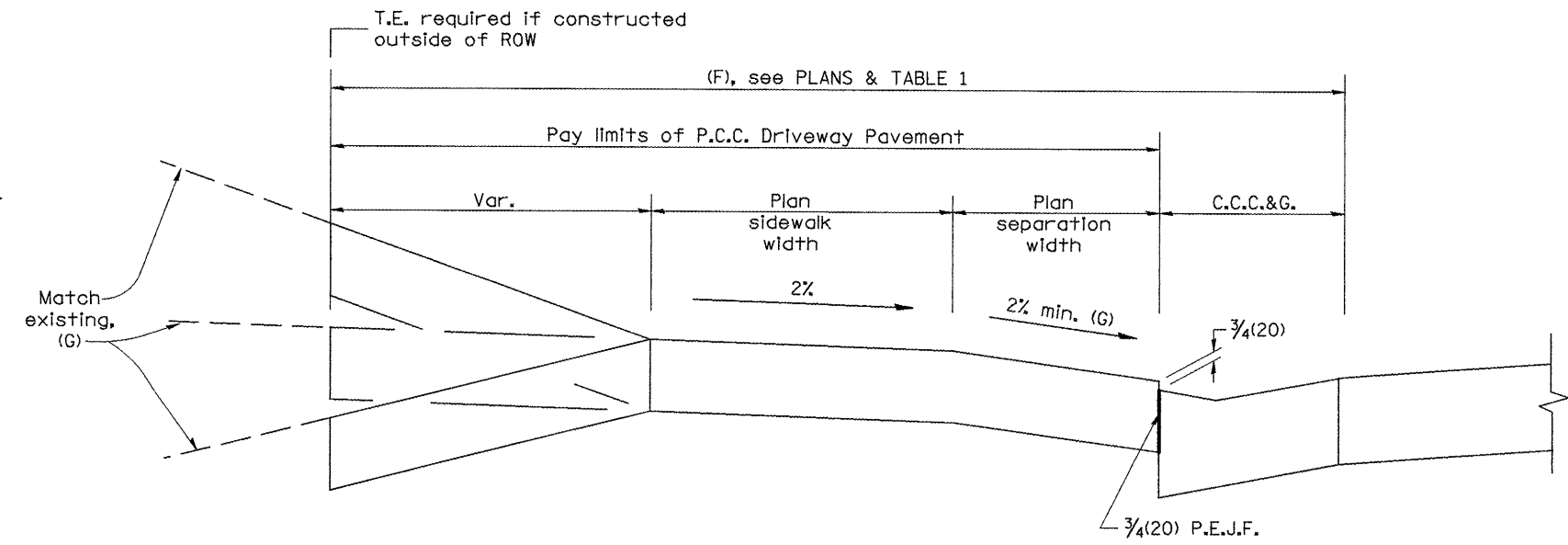
1. Refer to State Standard 424001 for texturing and other disabled accessibility design elements.
2. The sidewalk area located within the pay limits of P.C.C. Driveway Pavement will be of the same thickness and construction as the P.C.C. Driveway Pavement.
3. Combination Concrete Curb & Gutter shall be depressed in accordance with Standard 606001.
4. Exceptions to the radius flare/property line relationship are as shown in the plans for common entrances, with jointly executed access permits.

All dimensions are in Inches (millimeters) unless otherwise noted.

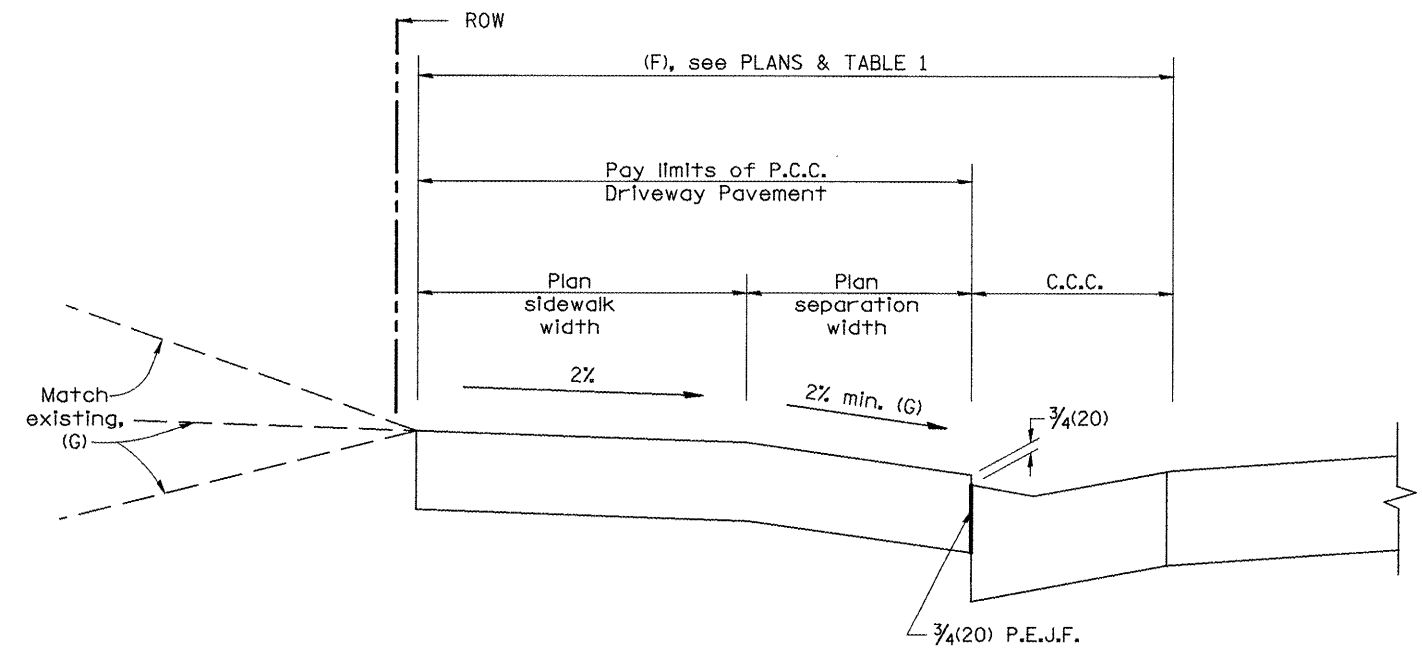




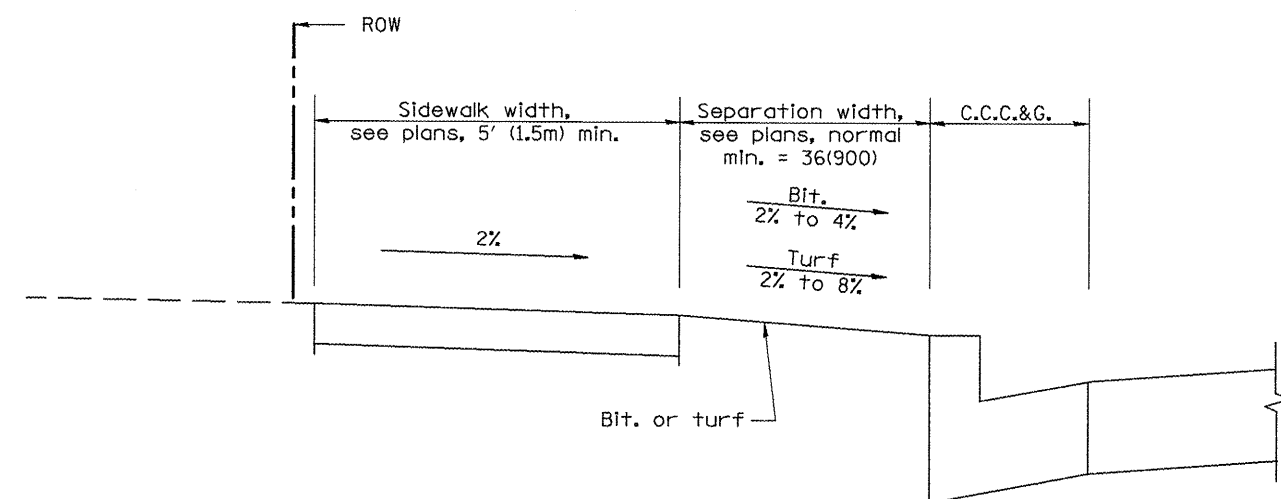
SECTION A-A



SECTION B-B



SECTION C-C



SECTION D-D

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

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

URBAN ENTRANCES, ACCESSIBLE TO THE DISABLED,  
FOR SEPARATED SIDEWALKS

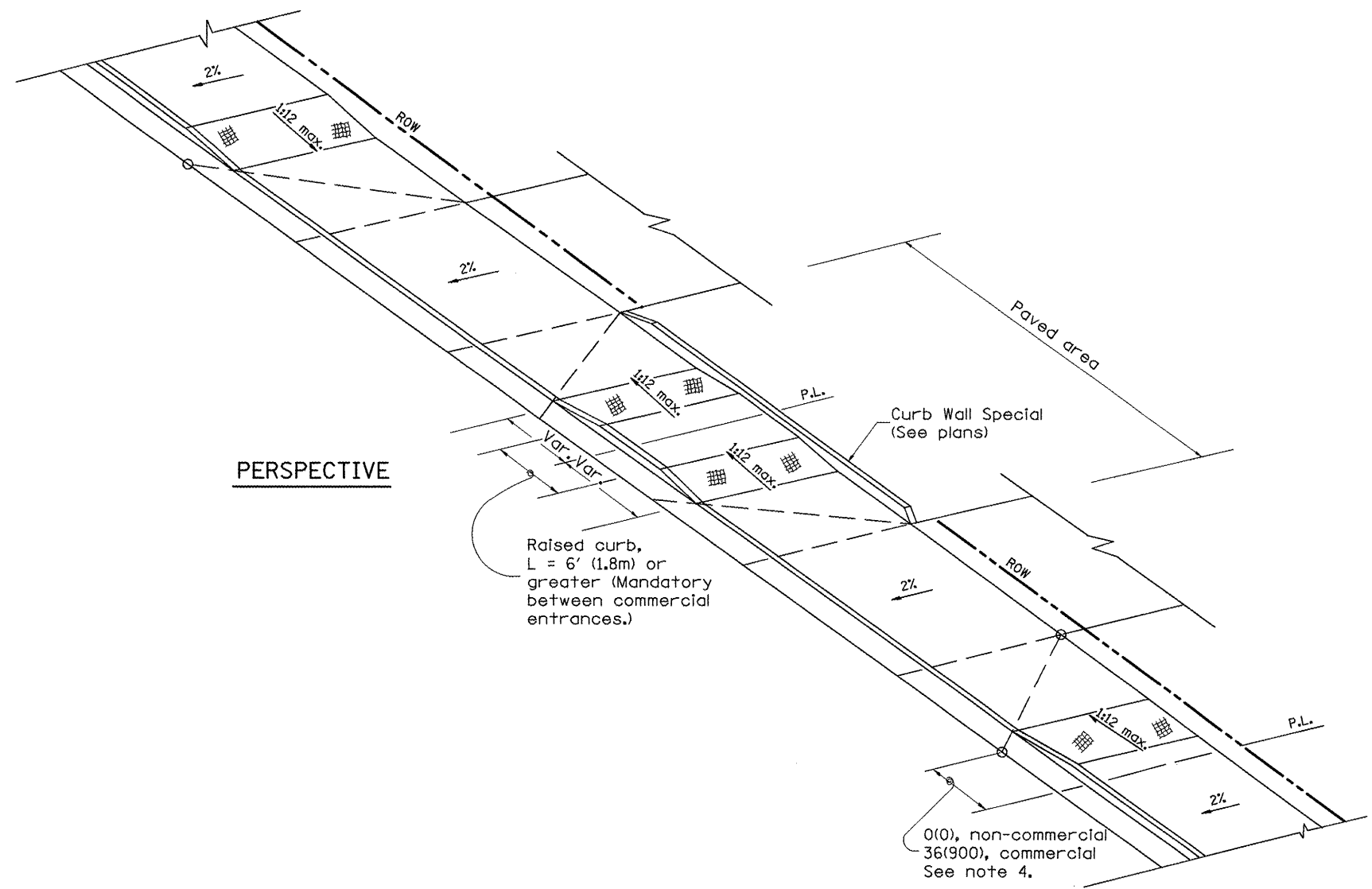
NOT TO SCALE

429

SHT. 2 OF 2  
CADD STD. 423106-D4

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
399	36R-8	Tazewell	429	182
CONTRACT NO. 68258			FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT	

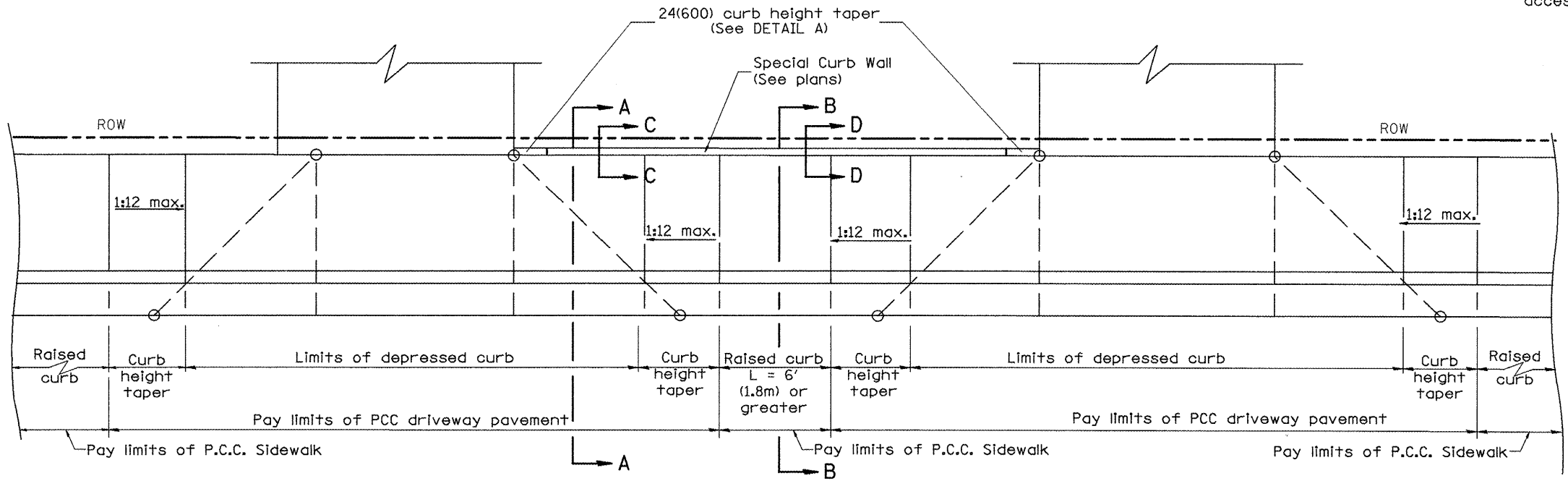
DESIGNER NOTES:  
 1. THIS DRAWING SHOULD BE USED IN CONJUNCTION WITH DISTRICT CADD STD. "URBAN ENTRANCES, ACCESSIBLE TO THE DISABLED, FOR CURBLINE SIDEWALKS."  
 2. THIS DRAWING IS FOR USE WHEN A LENGTH OF RAISED CURB OF L = 6'(1.8m) OR GREATER CAN BE OBTAINED BETWEEN ENTRANCES.



**PERSPECTIVE**

**GENERAL NOTES**

1. Refer to State Standard 424001 for texturing and other disabled accessibility design elements.
2. The sidewalk area located within the pay limits of P.C.C. Driveway Pavement will be of the same thickness and construction as the P.C.C. Driveway Pavement.
3. Combination Concrete Curb & Gutter shall be depressed in accordance with Standard 606001.
4. Exceptions to the radius flare/property line relationship are as shown in the plans for common entrances, with jointly executed access permits.



**PLAN**

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

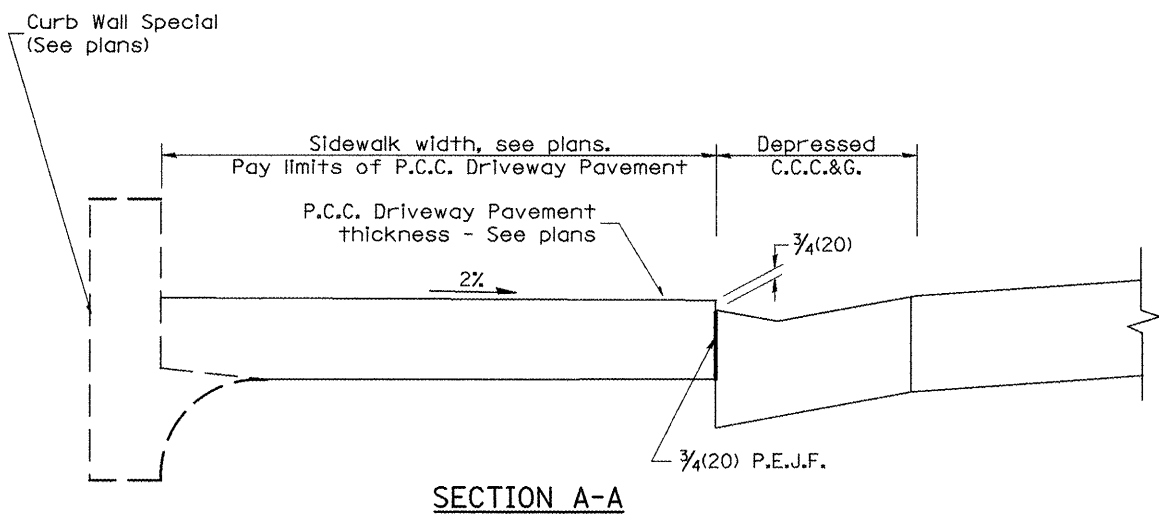
01-01-97	RENUM. C-103.07, NEW REVISION BOX	T.P.
02-01-99	CORRECT SHEET 2 TITLE	J.A.
10-16-06	REVISED TO 2007 SPEC.	M.A.


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

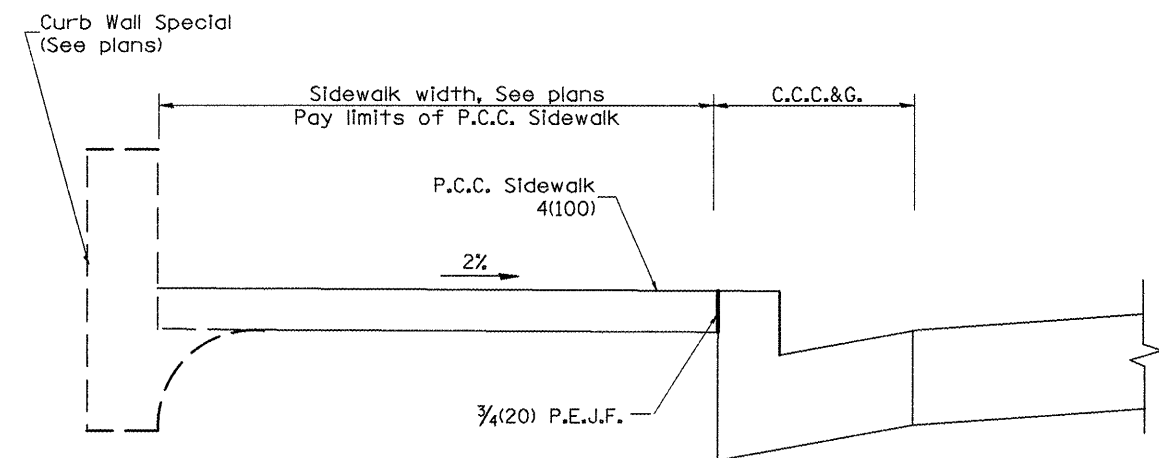
**URBAN ENTRANCES, SPECIAL DESIGN FOR CLOSELY SPACED ENTRANCES**  
 (WITH PAVEMENT EDGE CURB BETWEEN ENTRANCES)  
 NOT TO SCALE

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
399	36R-8	Tazewell	429	183
CONTRACT NO. 68258				

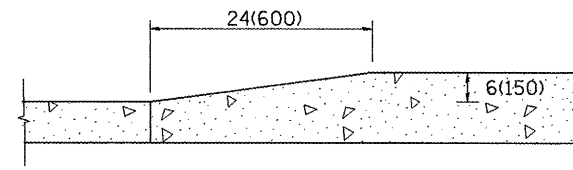
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT



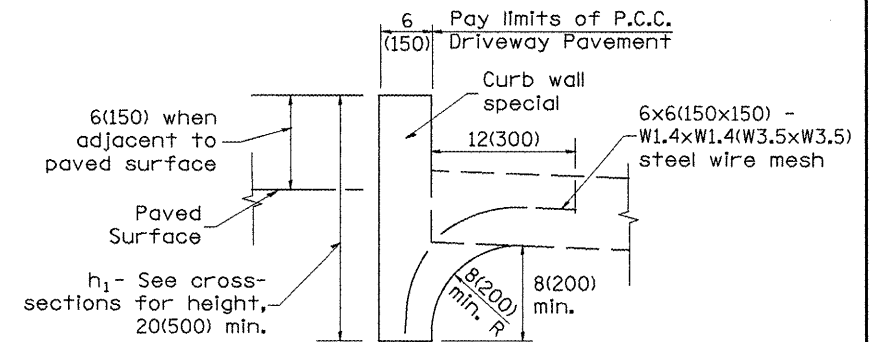
SECTION A-A



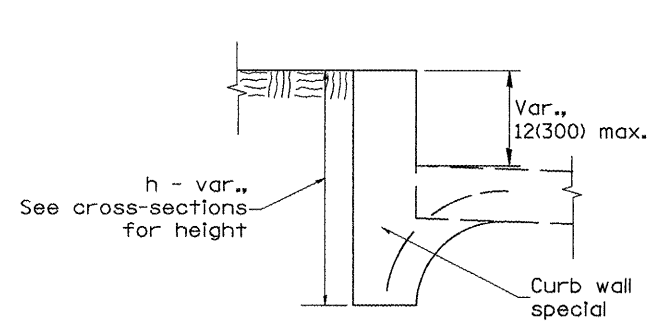
SECTION B-B



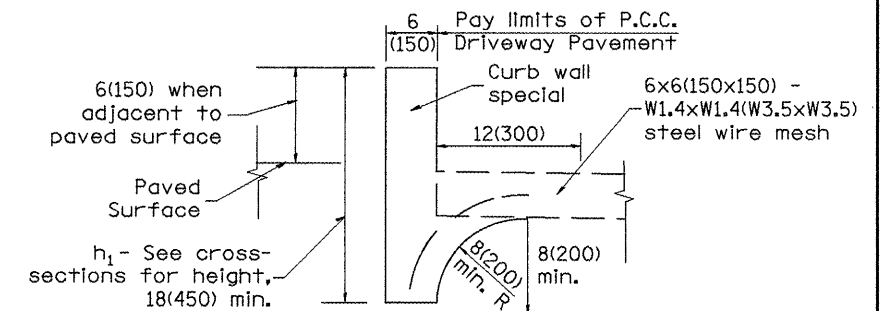
DETAIL 'A'  
Curb Height Taper Detail



SECTION C-C  
TYPICAL APPLICATION  
BETWEEN DRIVEWAYS



ALTERNATE TREATMENT  
WITH TURF BORDER



SECTION D-D  
TYPICAL APPLICATION  
BETWEEN DRIVEWAYS

**CURB WALL - SPECIAL**

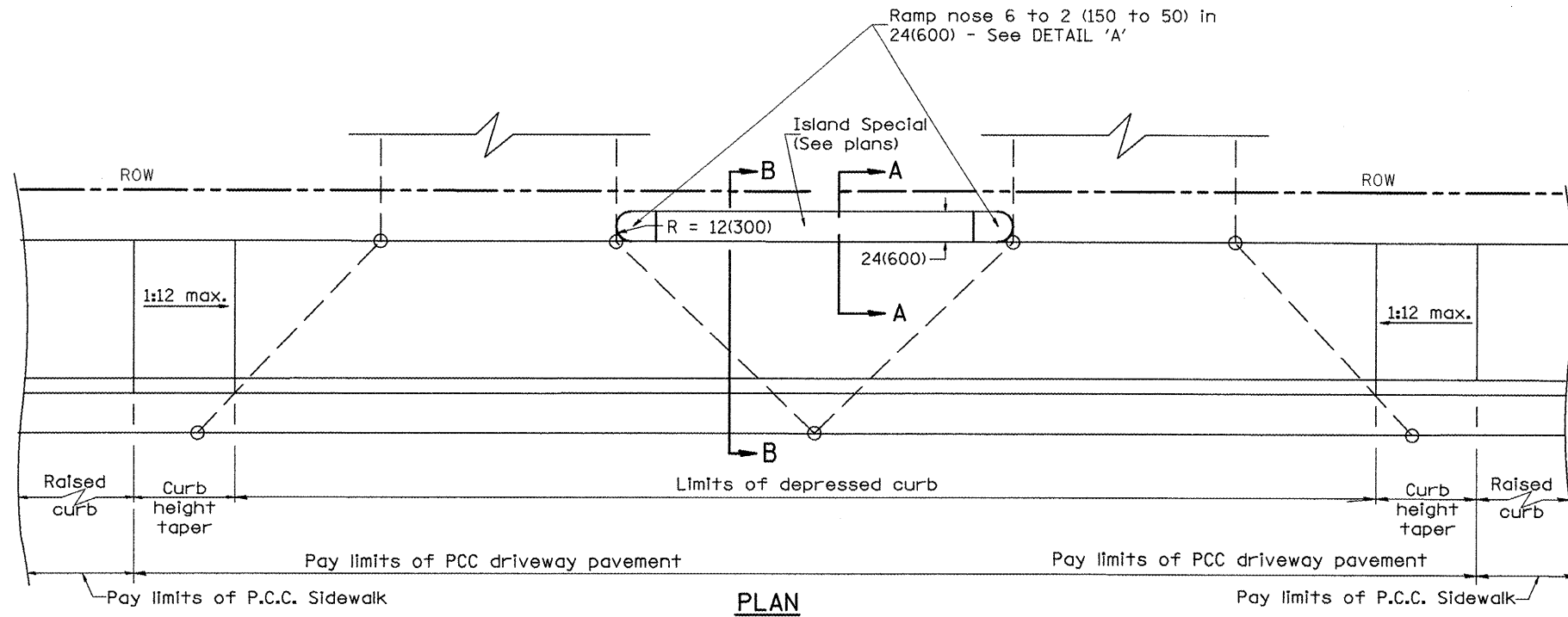
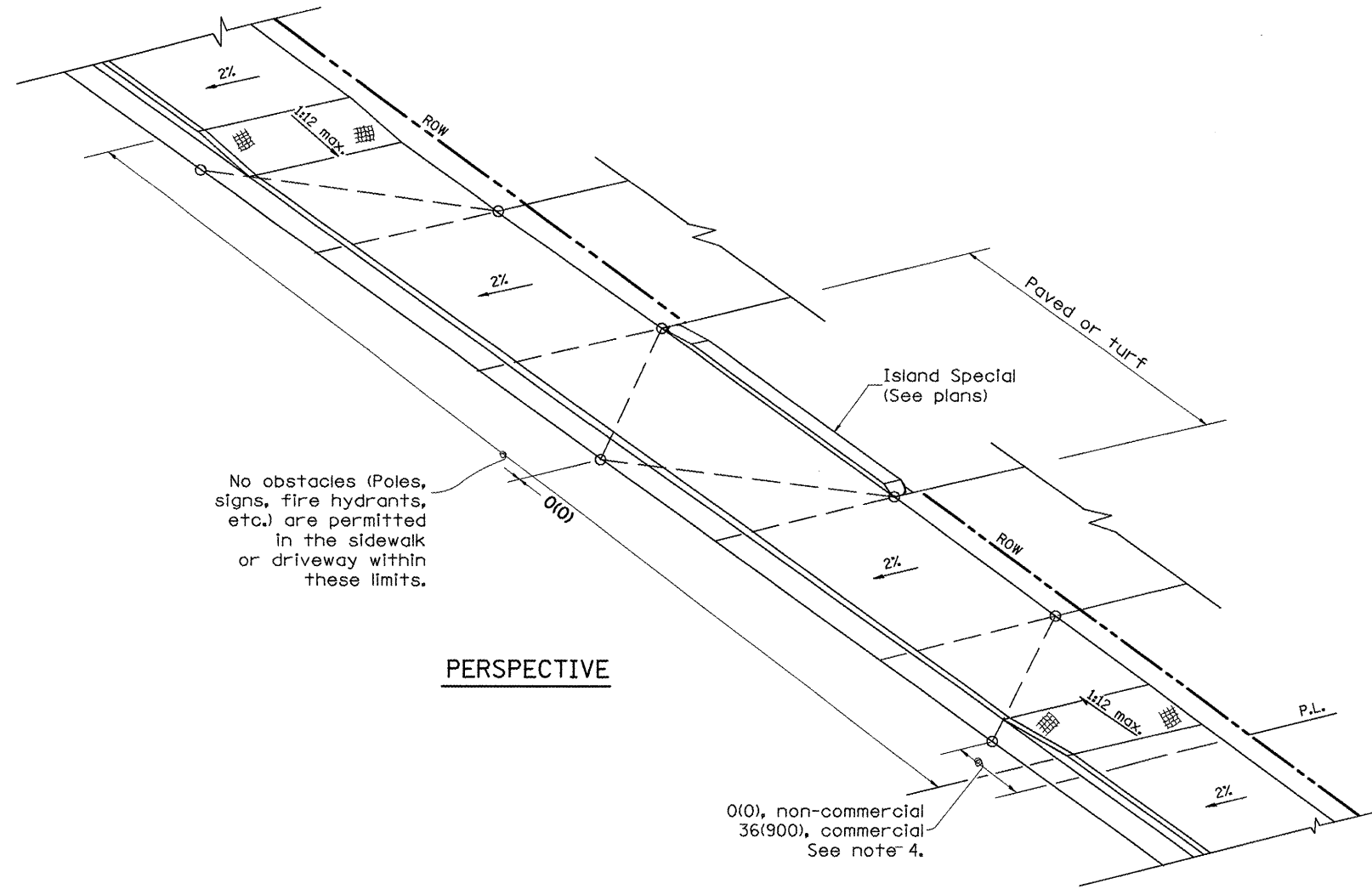
Measurement formula:  $h_1 \times \text{length constructed} =$   
Payment area in square feet(square meters)

**GENERAL NOTES**

1. The Curb Wall, Special, shall be poured monolithically with the adjacent P.C.C. Driveway Pavement or P.C.C. Sidewalk.
2. All provisions of Sections 424 and 606 of the Standard Specifications shall apply unless otherwise shown.

All dimensions are in Inches (millimeters) unless otherwise noted.

DESIGNER NOTES:  
 1. THIS DRAWING SHOULD BE USED IN CONJUNCTION WITH DISTRICT CADD STD. "URBAN ENTRANCES, ACCESSIBLE TO THE DISABLED, FOR CURBLINE SIDEWALKS."  
 2. THIS DRAWING IS FOR USE WHEN DISTANCE BETWEEN DRIVEWAY FLARES IS LESS THAN 6' (1.8m).  
 3. INCLUDE STATE STANDARD 424001 AND 606001.



**GENERAL NOTES**

1. Refer to State Standard 424001 for texturing and other disabled accessibility design elements.
2. The sidewalk area located within the pay limits of P.C.C. Driveway Pavement will be of the same thickness and construction as the P.C.C. Driveway Pavement.
3. Combination Concrete Curb & Gutter shall be depressed in accordance with Standard 606001.
4. Exceptions to the radius flare/property line relationship are as shown in the plans for common entrances, with jointly executed access permits.

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

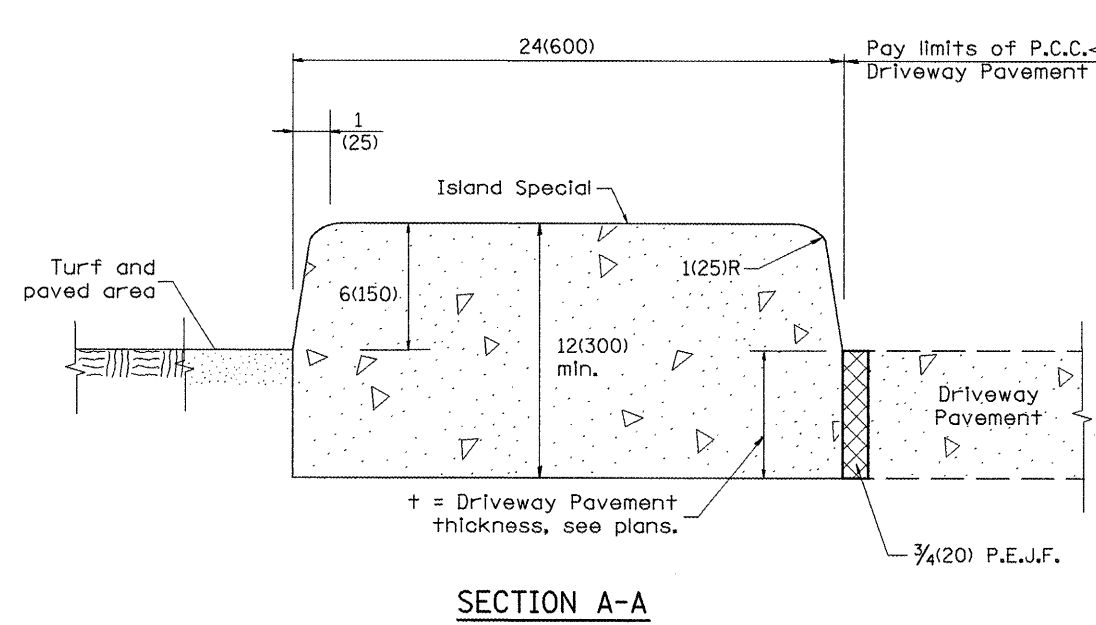
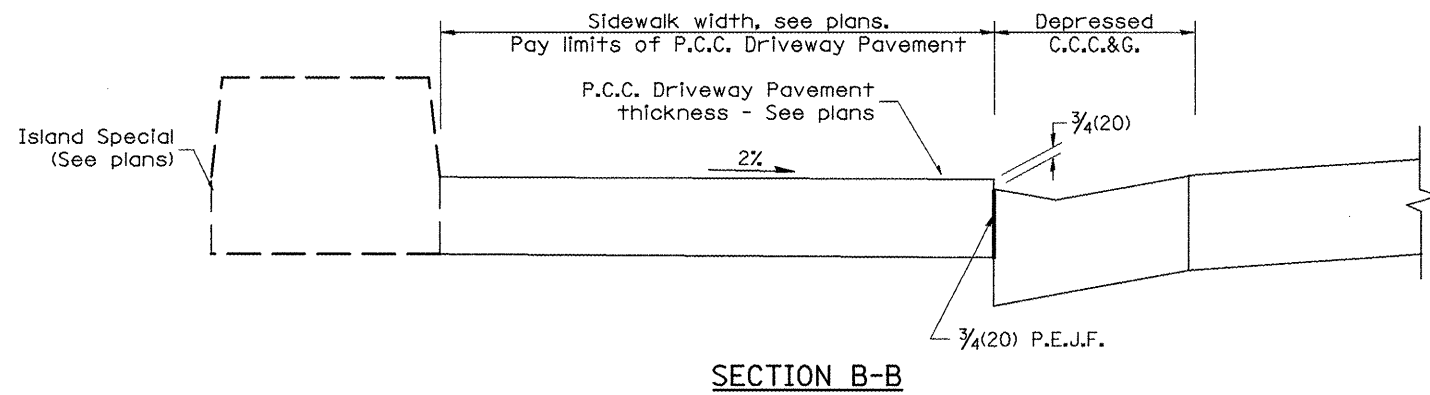
01-01-97	RENUM. C-103.08, NEW REVISION BOX,	T.P.
	REVISED GENERAL NOTES	
02-01-99	REVISE DESIGNER NOTE & B-B SECTION	J.A.
10-16-06	REVISED TO 2007 SPEC.	M.A.

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

**URBAN ENTRANCES, SPECIAL DESIGN FOR CLOSELY SPACED ENTRANCES**  
 (WITHOUT PAVEMENT EDGE CURB BETWEEN ENTRANCES)  
 NOT TO SCALE

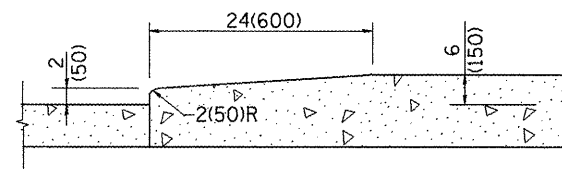
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
399	36R-8	Tazewell	429	185
CONTRACT NO. 68258			SHT. 1 OF 2 CADD STD. 423121-D4	
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT				





**GENERAL NOTES**

1. All provisions in Section 606 of the Standard Specifications shall apply unless otherwise shown.



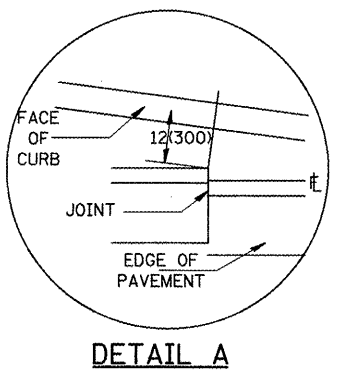
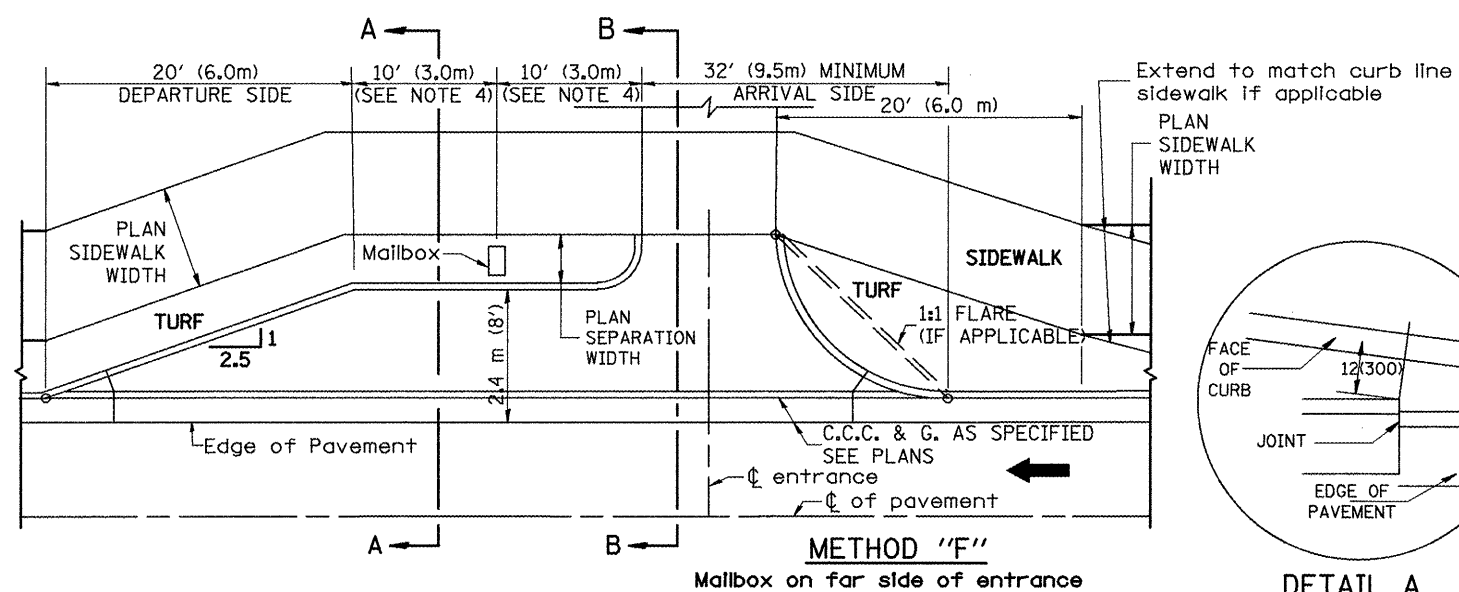
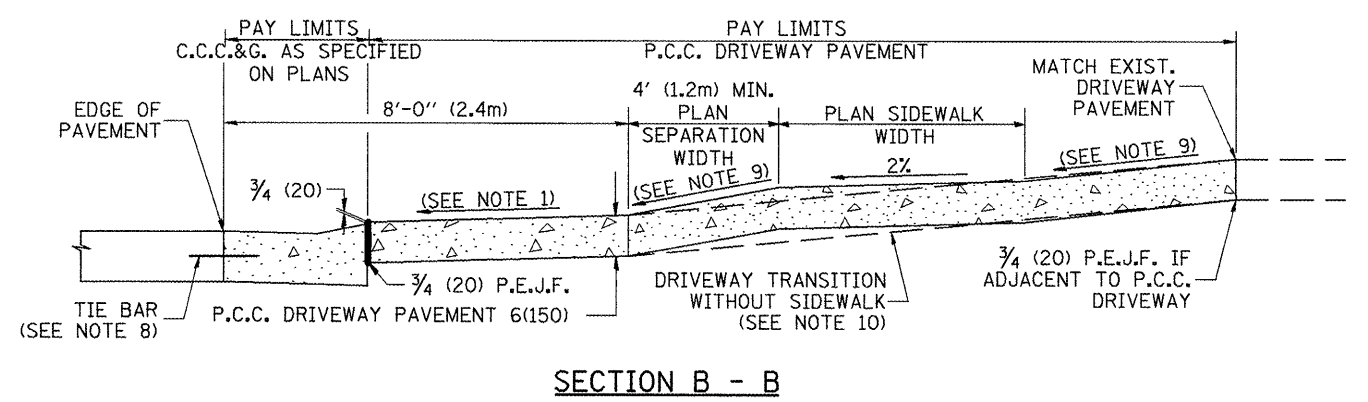
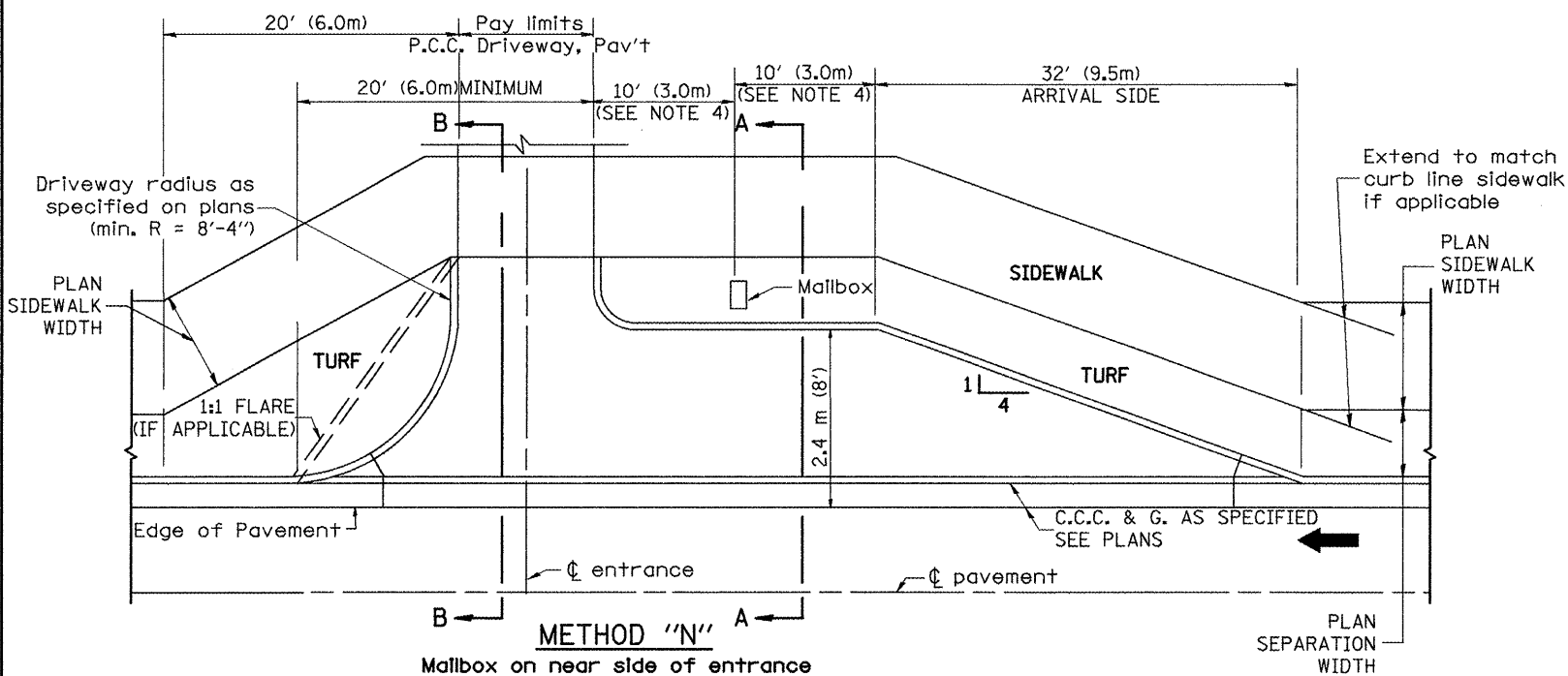
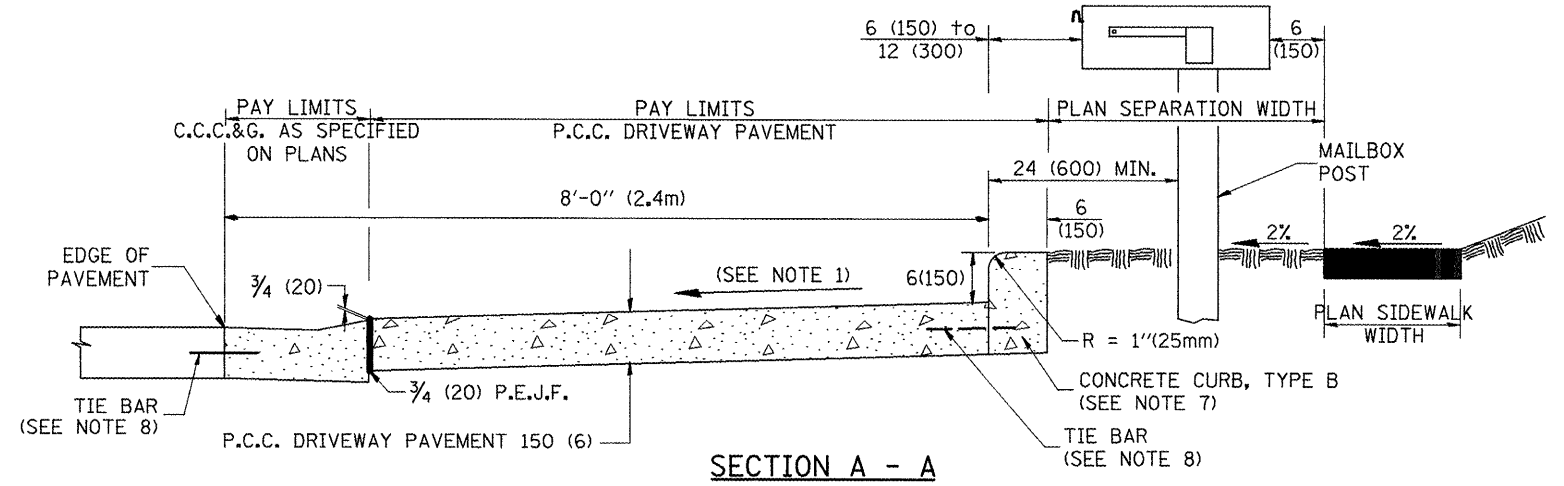
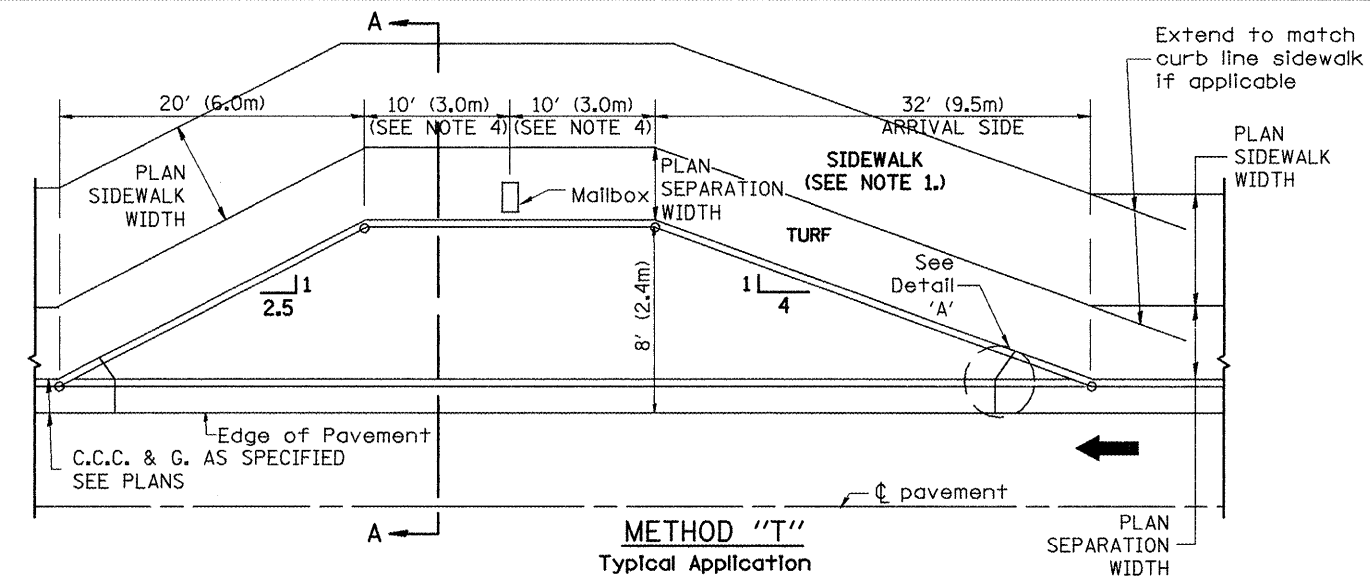
**DETAIL 'A'**  
Nose ramping detail

**ISLAND SPECIAL**

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

				<b>STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION</b>		<b>URBAN ENTRANCES, SPECIAL DESIGN FOR CLOSELY SPACED ENTRANCES (WITHOUT PAVEMENT EDGE CURB BETWEEN ENTRANCES)</b>		F.A.P. RTE. 399		SECTION 36R-8		COUNTY Tazewell		TOTAL SHEETS 429		SHEET NO. 186	
						SHT. 2 OF 2		CONTRACT NO. 68258		FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT					
						NOT TO SCALE		429		CADD STD. 423121-D4							

DESIGNER NOTES:  
 1. THIS DRAWING SHOULD BE USED IN URBAN AREAS (CURB & GUTTER) WHEN ALTERNATE METHODS OF MAIL DELIVERY IS NOT AN OPTION (i.e. SIDEROAD DELIVERY, POST OFFICE BOX, WALK ROUTES, ETC) PRIOR TO USE, DISCUSSIONS WITH THE LOCAL POSTMASTER/ MUNICIPALITY SHOULD BE HELD TO DETERMINE APPROPRIATE MAIL DELIVERY OPTION.  
 2. CONSIDERATION SHOULD BE GIVEN TO CONTINUOUS PAVING OF TURNOUTS AT LOCATIONS WHERE THE DISTANCE BETWEEN TURNOUT CONTROL POINTS IS LESS THAN 50' (15.0m).



**GENERAL NOTES**

1. Cross slope 2% to 4% (max) adjacent to normal crown roadway. See plans for turnout slopes on super elevated horizontal curves.
2. Mailboxes shall be mounted such that the face of the mailbox is 6(150) to 12(300) and the post a minimum of 24(600) from the face of the turnout curb.
3. The mailbox turnout shall be constructed according to Section 423 of the Standard Specification, with grooves at approximately 10'-0" (3.0 m) centers.
4. If more than one mailbox is present, this dimension shall be measured from the end box in each direction.
5. Refer to the plans for entrance width, length and surface type.
6. Driveway curbs shall be tapered from the full height to ground level in a distance of approximately 24(600) when applicable.
7. The Concrete Curb, Type B shall be included in the cost of P.C.C. Driveway Pavement. It is the contractor's option to pour the Concrete Curb, Type B monolithically with the driveway pavement. If it is poured separately, the Concrete Curb, Type B shall be constructed in accordance with Standard 606001 and connected to the proposed Driveway Pavement with tie bars.
8. Tie bars shall be placed in accordance with Standard 606001 and shall be included in the cost of the specified C.C.C.&G.
9. Cross slope to be constructed as given in the plans and District CADD Standards for urban entrances.
10. Where there is no sidewalk behind proposed turnout, the cross slope is to be constructed as given in the plans from back of turnout to where driveway matches existing.

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

05-01-97	NEW DRAWING	J.A.
10-16-06	REVISED TO 2007 SPEC.	M.A.

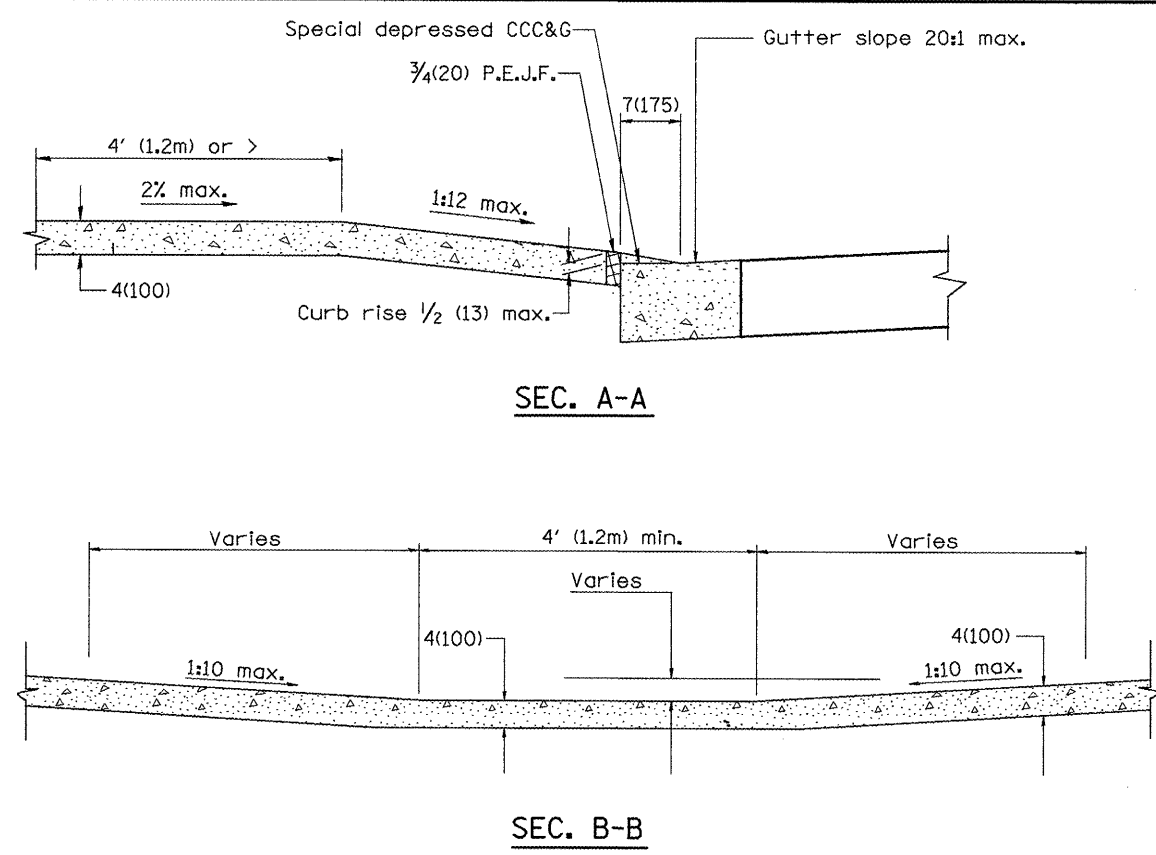
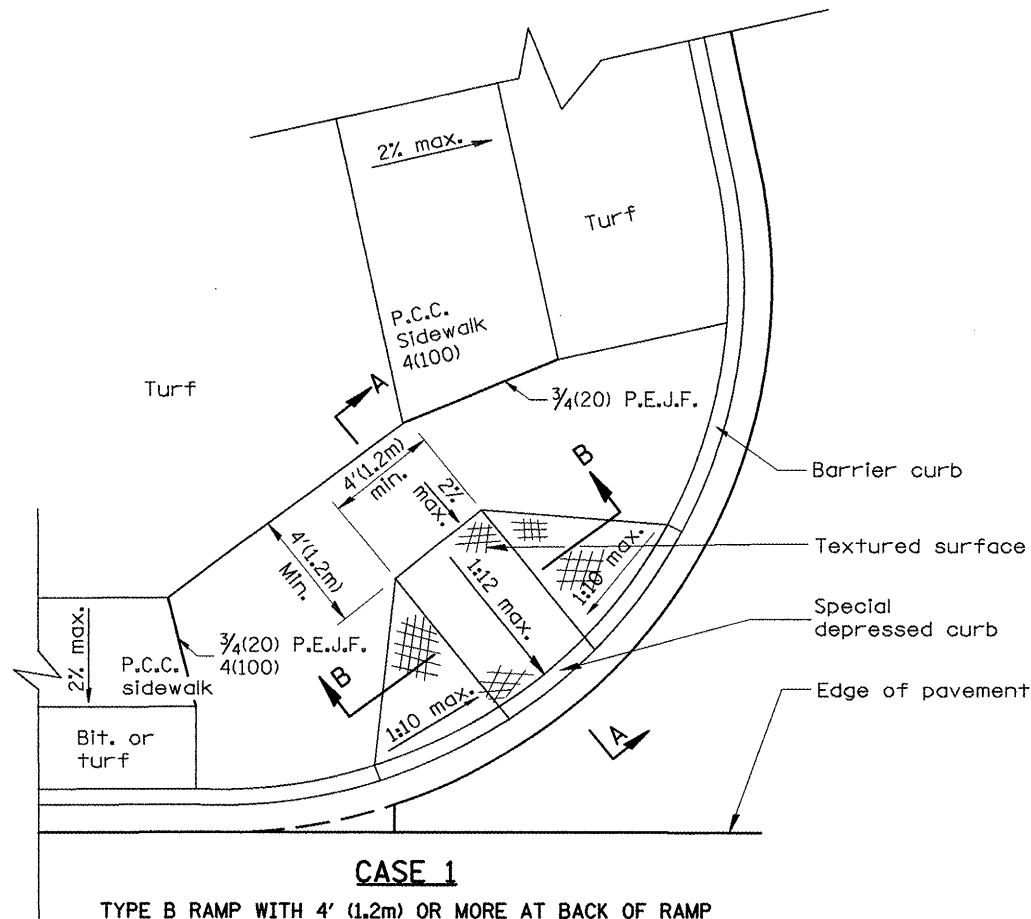

**STATE OF ILLINOIS**  
**DEPARTMENT OF TRANSPORTATION**

**MAILBOX TURNOUTS IN CURB AND GUTTER SECTION**  
 NOT TO SCALE 429 CADD STD. 423201-D4

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
399	36R-8	Tazewell	429	187
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT			CONTRACT NO. 68258	

DESIGNER NOTES:

1. THIS DRAWING SHOULD BE USED IN CONJUNCTION WITH STATE STANDARD 424001.
2. DESIGNER SHOULD REVIEW CHAPTER 58 OF THE BDE FOR ADA REQUIREMENTS.

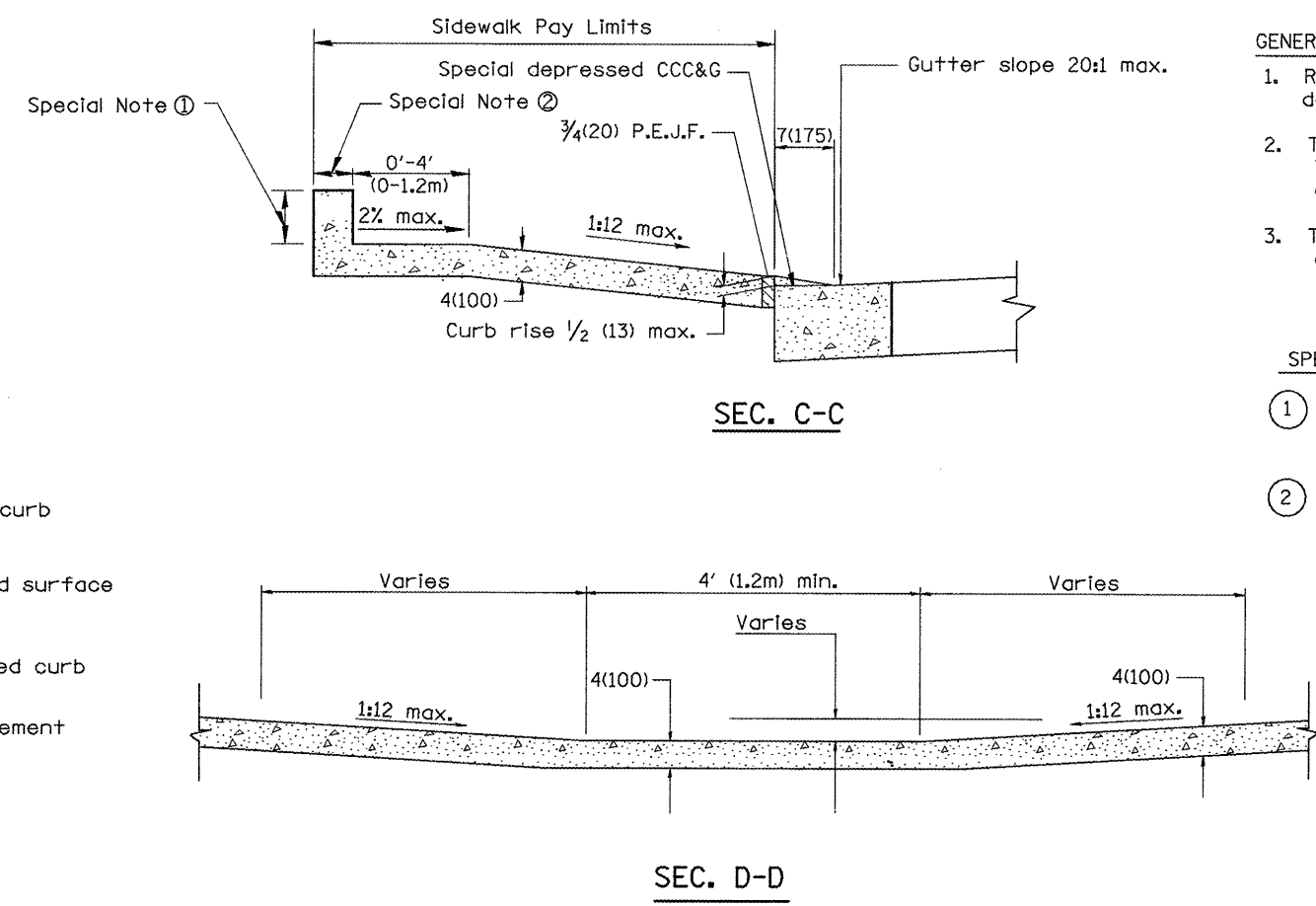
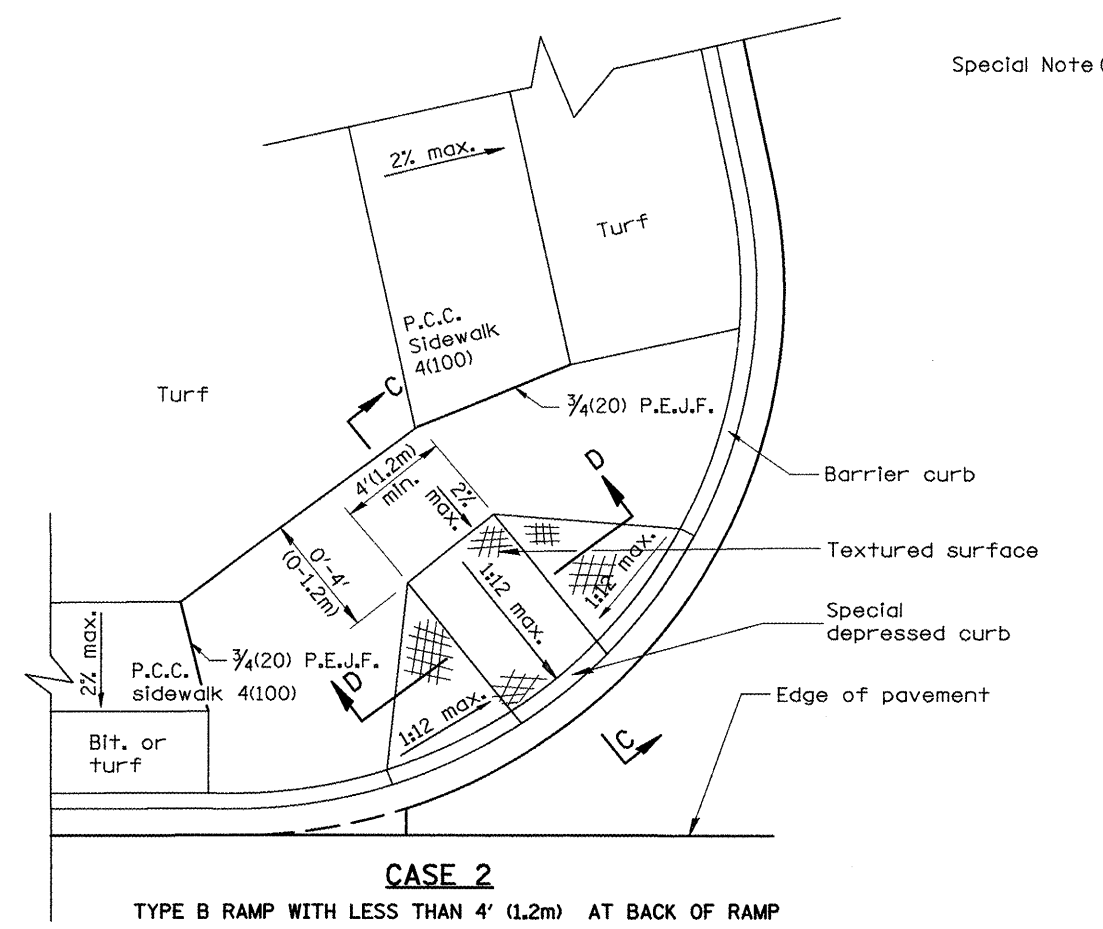


**GENERAL NOTES**

1. Refer to State Standard 424001 for texturing and other design elements.
2. The controls shown on this standard are applicable to Type B Curb and Combination Concrete Curb & Sidewalk construction.
3. The maximum length of texturing shall be 6' (1.8m) unless otherwise shown.

**SPECIAL NOTES**

- ① Variable height edge treatment as required to match existing conditions. Maximum height = 9(225)
- ② 4(100) wall to be built outside of plan sidewalk width, if ROW allows.



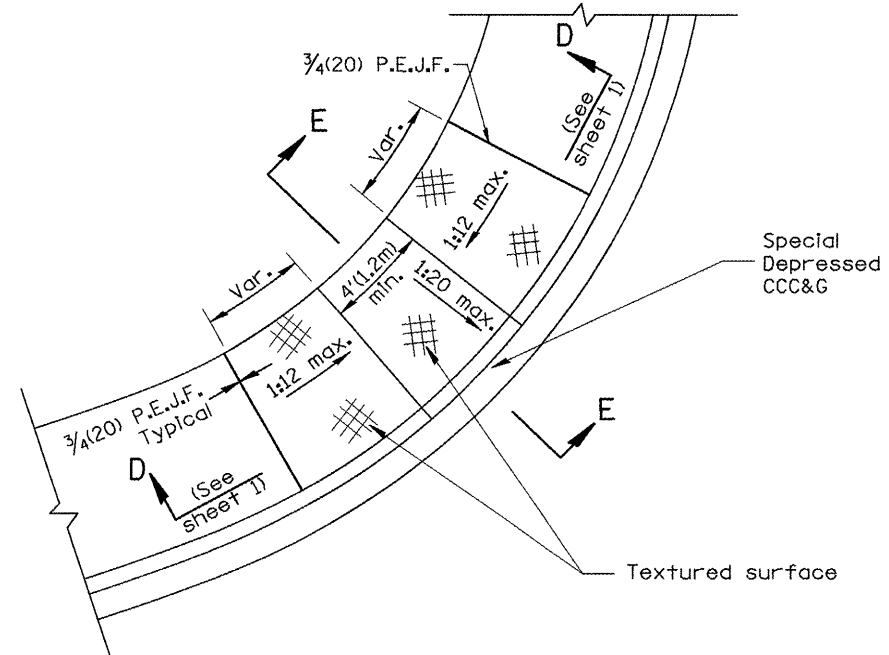
All dimensions are in inches (millimeters) unless otherwise noted.

01-01-97	RENUM. A-5.01, NEW REVISION BOX, REVISED TITLE	T.P.
09-15-05	REVISED DESIGNER NOTE	M.M.A.
10-16-06	REVISED TO 2007 SPEC.	M.A.

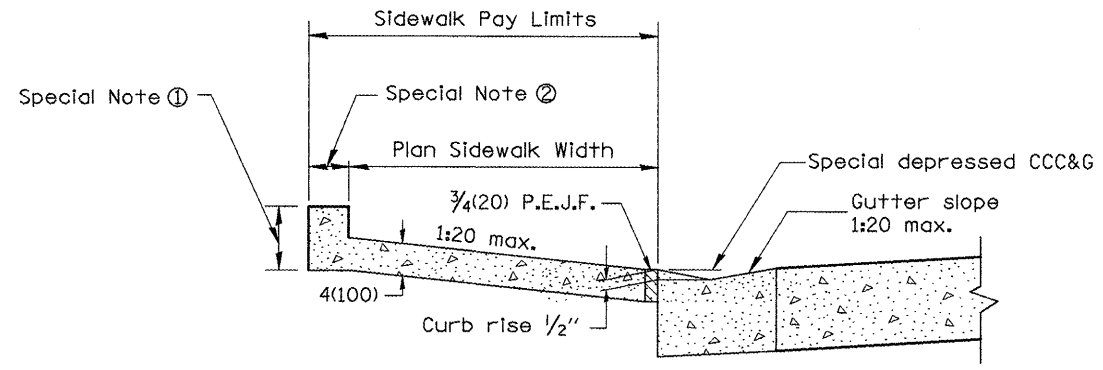

**STATE OF ILLINOIS**  
**DEPARTMENT OF TRANSPORTATION**

**SIDEWALK RAMPS, ACCESSIBLE TO THE DISABLED**  
NOT TO SCALE  
429

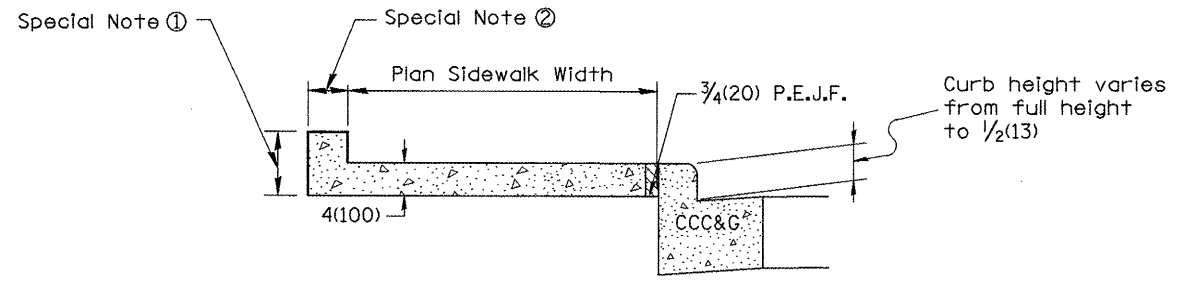
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
399	36R-8	Tazewell	429	188
CONTRACT NO. 68258				



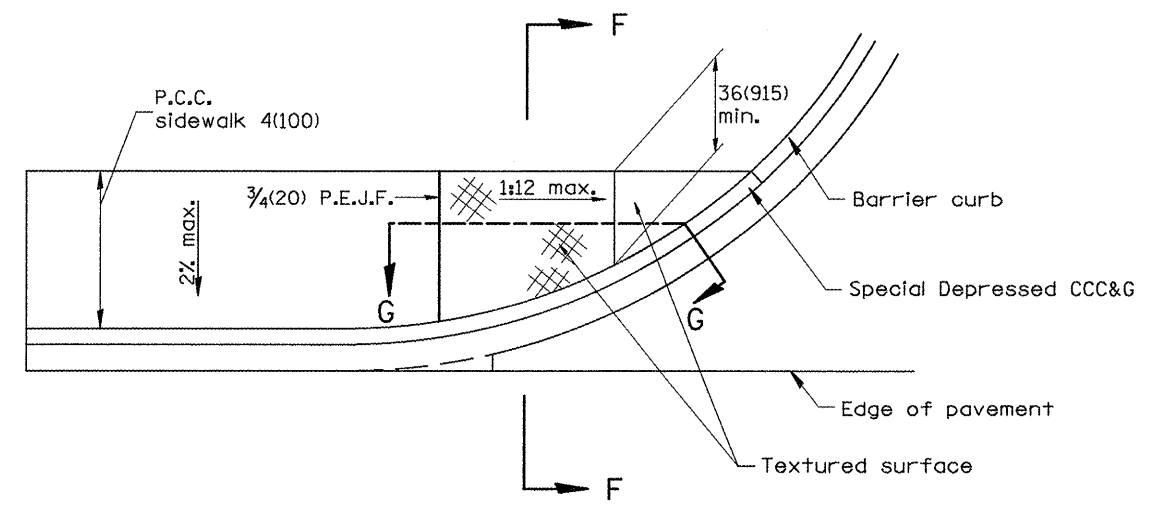
**CASE 3**  
TYPE B DIAGONAL RAMP WITH CURBLINE SIDEWALK



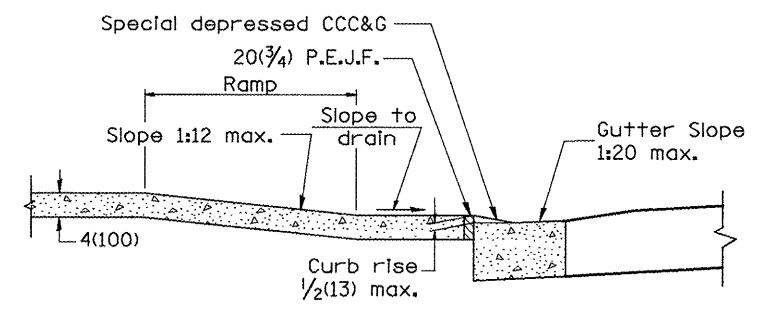
**SEC. E-E**



**SEC. F-F**



**CASE 4**  
TYPE B RAMP WITH CURBLINE SIDEWALK



**SEC. G-G**

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

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

SIDEWALK RAMPS, ACCESSIBLE TO THE DISABLED

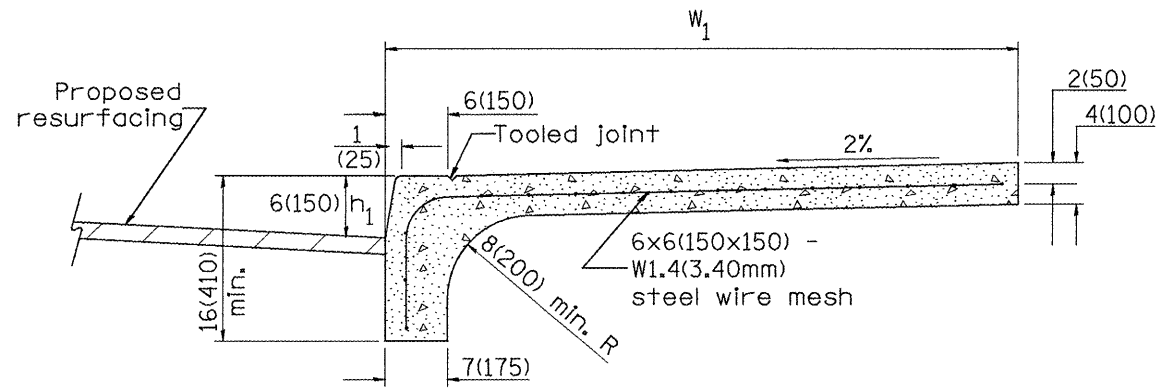
NOT TO SCALE

429

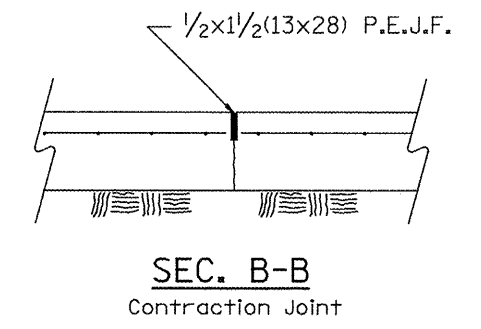
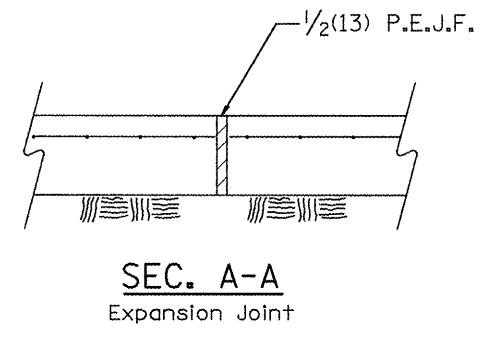
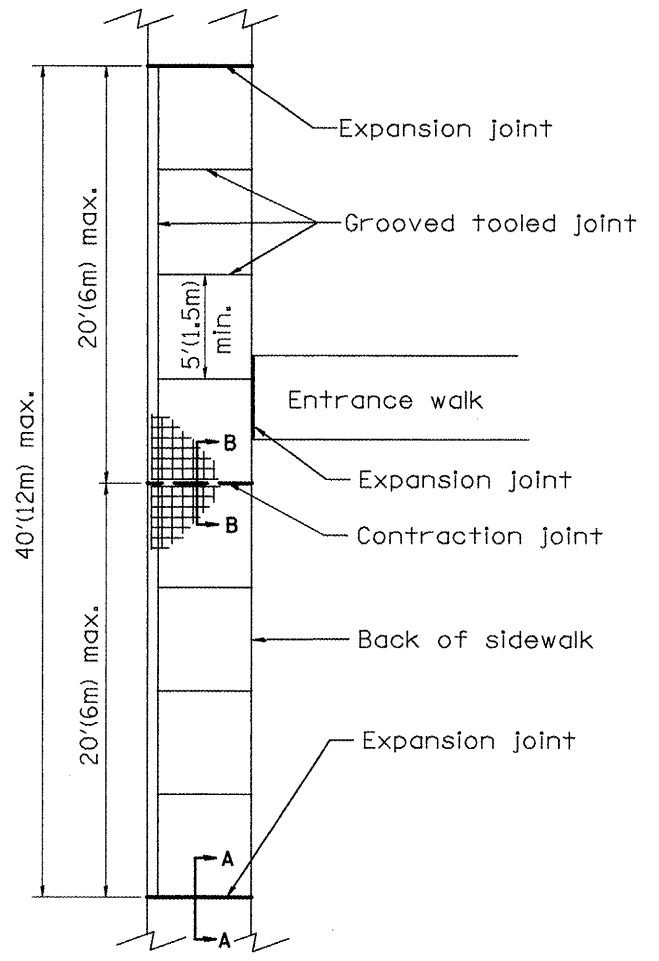
SHT. 2 OF 2  
CADD STD. 424001-D4

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
399	36R-8	Tazewell	429	189
CONTRACT NO. 68258				
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT				

DESIGNER NOTES:  
1. THIS DRAWING SHOULD BE USED IN CONJUNCTION WITH STATE STANDARD 424001 AND DISTRICT CADD STD. "CURB RAMPS ACCESSIBLE TO THE DISABLED."



**COMBINATION CURB - SIDEWALK 4"(100mm)**  
Measurement Formula:  $(W_1 + h_1) \times \text{length constructed} = \text{Payment area}$   
in square meters(square feet)



**GENERAL NOTES:**

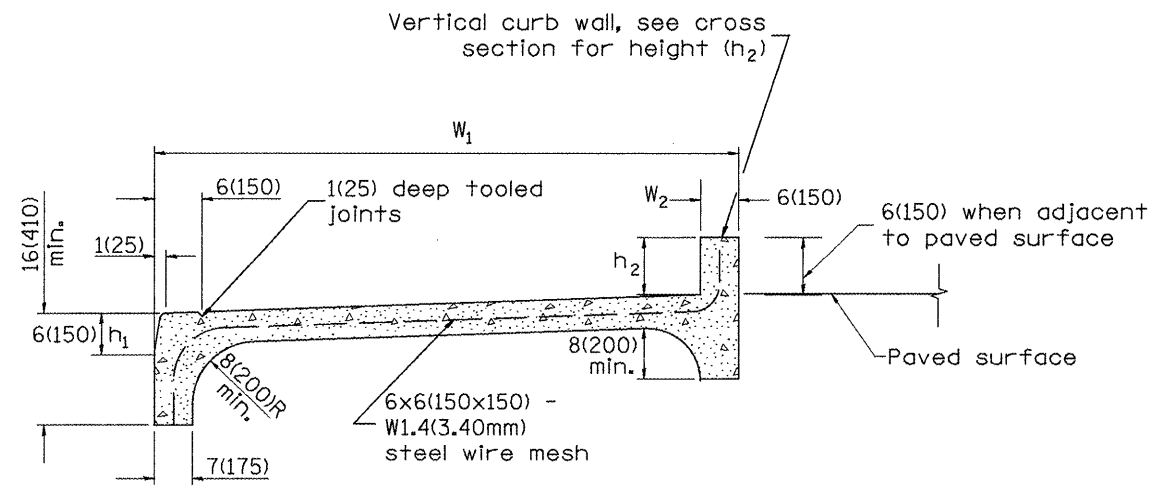
1. All provisions in Section 424 of the Standard Specifications shall apply, unless otherwise shown.

All dimensions are in Inches (millimeters) unless otherwise noted.

01-01-97	RENUM. A-5.02, NEW REVISION BOX	T.P.								
10-16-06	REVISED TO 2007 SPEC.	M.A.								
<b>STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION</b>			<b>COMBINATION CONCRETE CURB-SIDEWALK 4" (100mm)</b>			F.A.P. RTE. 399	SECTION 36R-8	COUNTY Tazewell	TOTAL SHEETS 429	SHEET NO. 190
NOT TO SCALE						429	CADD STD. 424101-D4	CONTRACT NO. 68258		
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT										

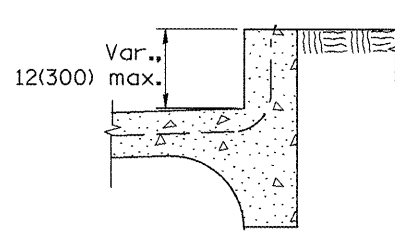


DESIGNER NOTES:  
 1. THIS DRAWING SHOULD BE USED IN CONJUNCTION WITH STATE STANDARD 424001 AND DISTRICT CADD STDS. "CURB RAMPS ACCESSIBLE TO THE DISABLED" AND "COMBINATION CONCRETE CURB & SIDEWALK 4" (100mm).

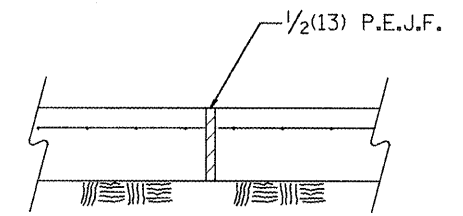
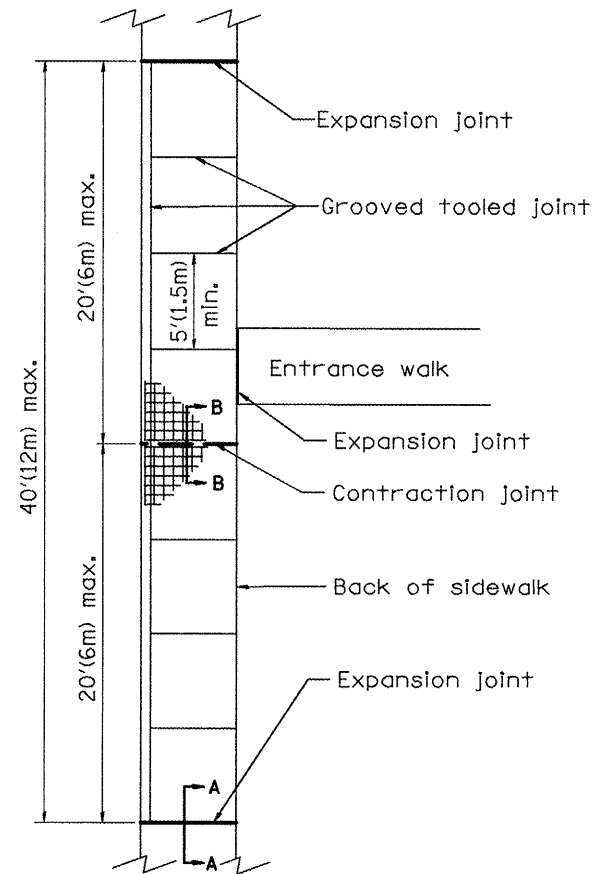


**COMBINATION CONCRETE CURB-SIDEWALK 4" (100mm)  
(SPECIAL)**

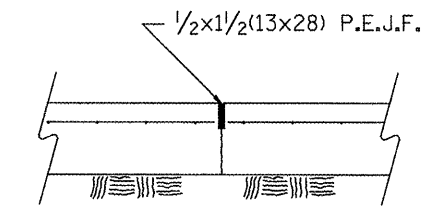
Measurement formula:  $(W_1 + W_2 + h_1 + h_2) \times \text{length constructed} =$   
 Payment area in square feet (square meters)



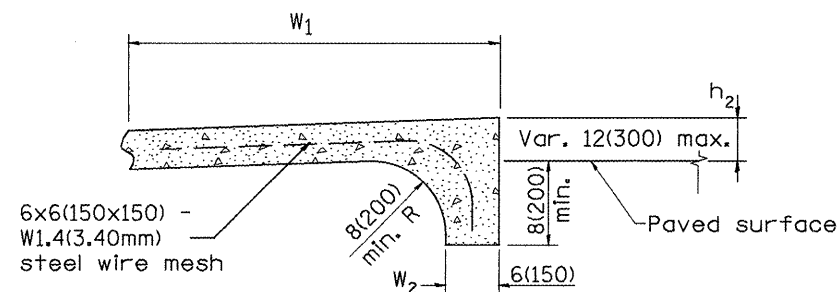
**WITH TURF BORDER**



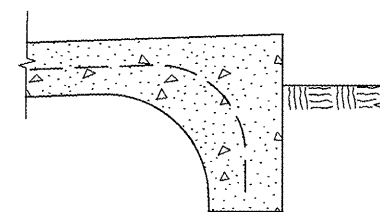
**SEC. A-A  
Expansion Joint**



**SEC. B-B  
Contraction Joint**



**ALTERNATE BACK DETAIL  
WHEN SIDEWALK GRADE ABOVE EXISTING GRADE**



**WITH TURF BORDER**

**GENERAL NOTES:**

1. All provisions in Section 424 of the Standard Specifications shall apply, unless otherwise shown.

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

01-01-97	RENUM. A-5.03, NEW REVISION BOX	T.P.			
10-16-06	REVISED TO 2007 SPEC.	M.A.			

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**COMBINATION CONCRETE CURB-SIDEWALK 4" (100mm), (SPECIAL)**

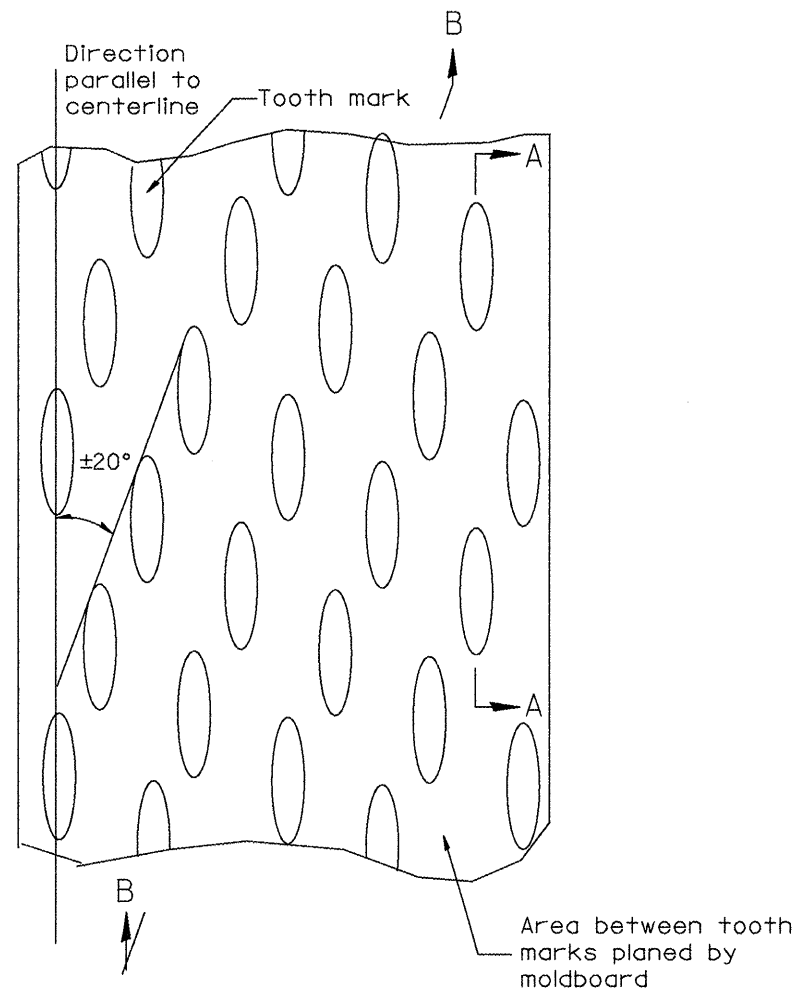
NOT TO SCALE

429

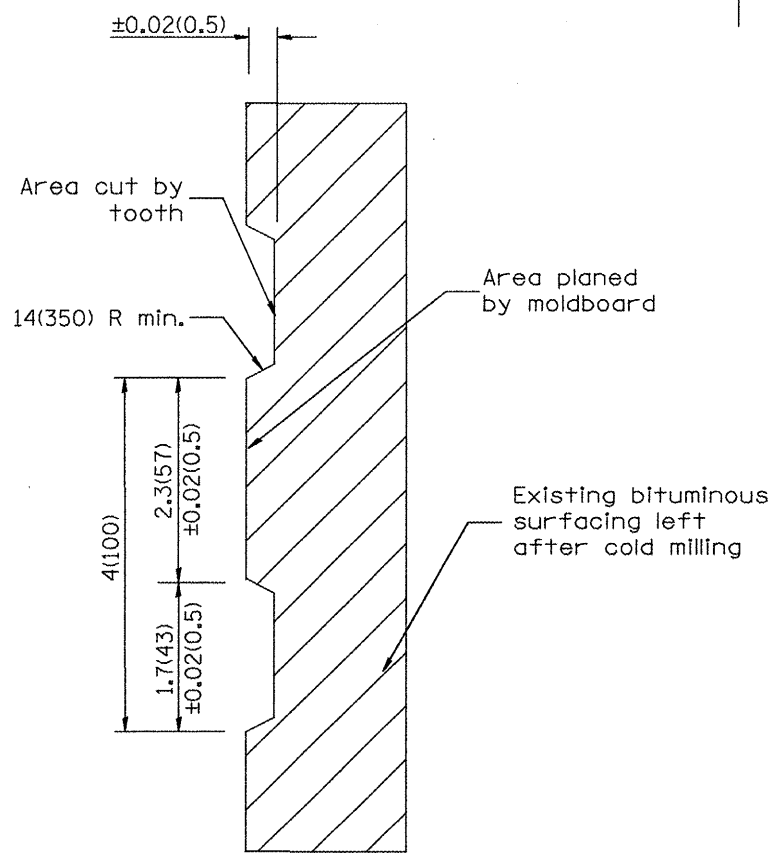
CADD STD. 424106-D4

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
399	36R-8	Tazewell	429	191
CONTRACT NO. 68258				

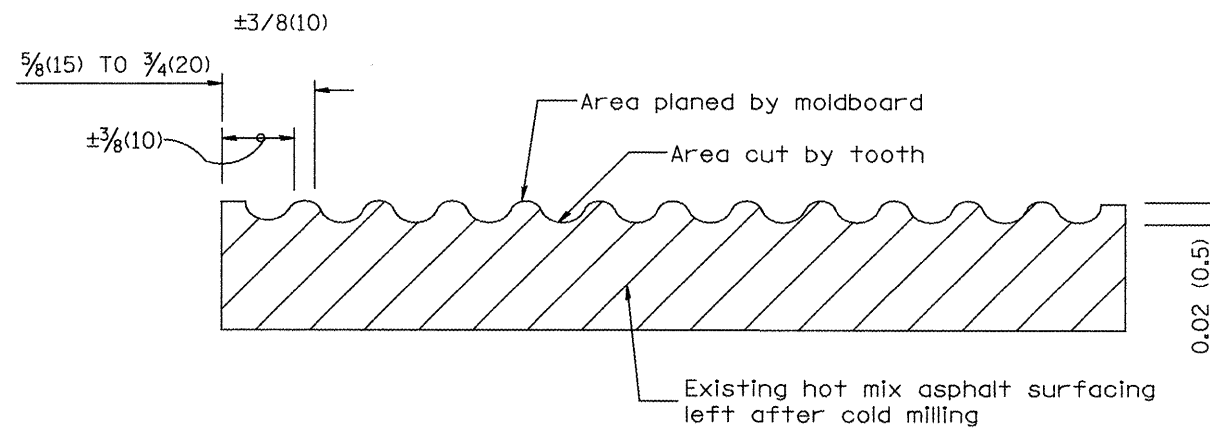
DESIGNER NOTES:  
1. INCLUDE DISTRICT SPECIAL PROVISION, IF APPLICABLE.



PLAN



SECTION A-A



SECTION B-B PROJECTED  
PERPENDICULAR TO CENTERLINE

General notes:

1. Coldmilling shall consist of two processes: Cutting with carbide teeth mounted on a rotating drum, and planing with a moldboard mounted immediately behind the cutting drum.
2. Other similar patterns will be acceptable if they consist of a smooth, flat, planed surface interspersed with a pattern of discontinuous longitudinal striations.

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

01-01-97	RENUM. C-104.01, NEW REVISION BOX	T.P.
04-20-98	REMOVED MILLING DETAIL FROM STANDARD	J.A.
09-08-98	CORRECT NOTE LEADER PLACEMENT	R.W.
10-16-06	REVISED TO 2007 SPEC.	M.A.


STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

HOT MIX ASPHALT SURFACE REMOVAL (COLD MILLING)

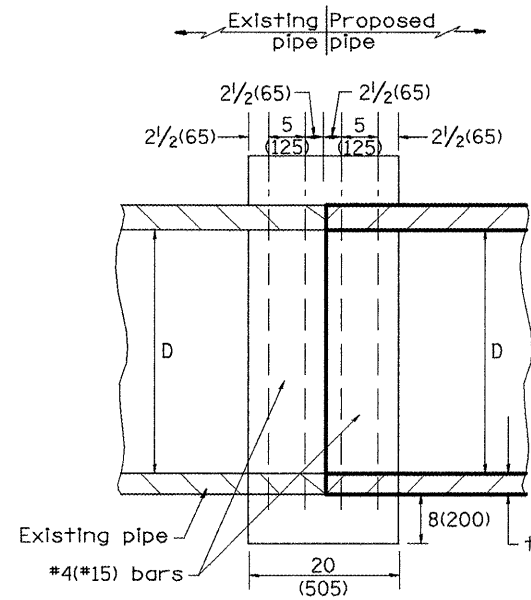
NOT TO SCALE

429

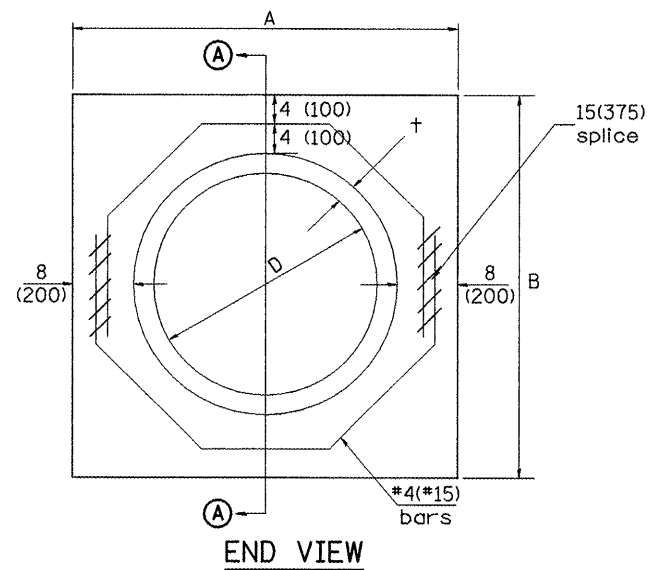
CADD STD. 440001-D4

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
399	36R-8	Tazewell	429	192
CONTRACT NO. 68258				

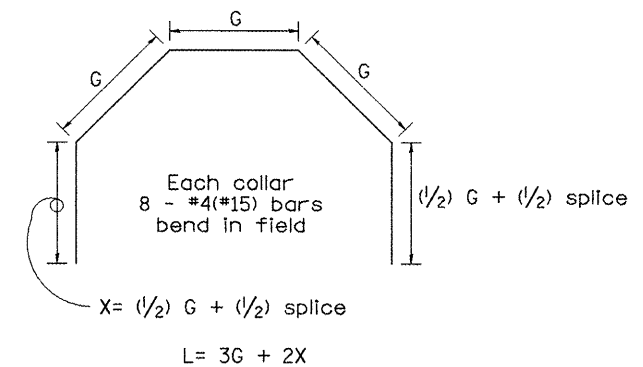
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT



SECTION A - A



END VIEW



Each Collar								
					Reinforcement Bars			
D	t	A	B	CL. SI CONC.	G	X	L	Weight
in (mm)	in (mm)	ft (m)	ft (m)	cu. yd. (m <sup>3</sup> )	in (mm)	in (mm)	ft (m)	lb (kg)
12 (300)	2.00 (51)	2.67 (0.814)	2.67 (0.814)	0.4 (0.270)	9 <sup>15</sup> / <sub>16</sub> (253)	12 <sup>7</sup> / <sub>16</sub> (317)	4.57 (1.393)	24 (11)
15 (375)	2.25 (57)	2.96 (0.902)	2.96 (0.902)	0.4 (0.315)	11 <sup>3</sup> / <sub>8</sub> (290)	13 <sup>3</sup> / <sub>16</sub> (335)	5.05 (1.541)	27 (12)
18 (450)	2.50 (64)	3.25 (0.991)	3.25 (0.991)	0.5 (0.362)	12 <sup>13</sup> / <sub>16</sub> (327)	13 <sup>7</sup> / <sub>8</sub> (354)	5.54 (1.689)	30 (14)
21 (525)	2.75 (70)	3.54 (1.079)	3.54 (1.079)	0.5 (0.411)	14 <sup>1</sup> / <sub>4</sub> (364)	14 <sup>5</sup> / <sub>8</sub> (372)	6.02 (1.836)	32 (15)
24 (600)	3.00 (76)	3.83 (1.167)	3.84 (1.167)	0.6 (0.460)	15 <sup>11</sup> / <sub>16</sub> (401)	15 <sup>5</sup> / <sub>16</sub> (391)	6.51 (1.984)	35 (16)
27 (675)	3.25 (83)	4.13 (1.259)	4.13 (1.259)	0.7 (0.516)	17 <sup>1</sup> / <sub>4</sub> (438)	16 <sup>1</sup> / <sub>16</sub> (409)	6.99 (2.131)	37 (17)
30 (750)	3.50 (89)	4.42 (1.347)	4.42 (1.347)	0.7 (0.570)	18 <sup>11</sup> / <sub>16</sub> (475)	16 <sup>3</sup> / <sub>4</sub> (428)	7.48 (2.279)	40 (18)
33 (825)	3.75 (95)	4.71 (1.436)	4.71 (1.436)	0.8 (0.624)	20 <sup>1</sup> / <sub>8</sub> (512)	17 <sup>1</sup> / <sub>2</sub> (446)	7.96 (2.426)	43 (19)
36 (900)	4.00 (102)	5.00 (1.524)	5.00 (1.524)	0.9 (0.682)	21 <sup>9</sup> / <sub>16</sub> (549)	18 <sup>3</sup> / <sub>16</sub> (465)	8.44 (2.574)	45 (20)
42 (1050)	4.50 (114)	5.58 (1.701)	5.58 (1.701)	1.0 (0.800)	24 <sup>7</sup> / <sub>16</sub> (622)	19 <sup>3</sup> / <sub>4</sub> (501)	9.41 (2.869)	50 (23)
48 (1200)	5.00 (127)	6.17 (1.881)	6.17 (1.881)	1.2 (0.930)	27 <sup>5</sup> / <sub>16</sub> (696)	21 <sup>3</sup> / <sub>16</sub> (538)	10.38 (3.164)	55 (25)

GENERAL NOTES

1. THE COLLAR SHALL BE CONSTRUCTED ENTIRELY OF CLASS SI CONCRETE IN ACCORDANCE WITH THE APPLICABLE PORTIONS OF SECTION 503 OF THE STANDARD SPECIFICATIONS. REINFORCEMENT BARS SHALL CONFORM TO SECTION 508.

QUANTITIES

CALC. BY: R. J. D. 2-2-98  
 CHECKED BY: R. D. H. 2-6-98  
 DATE: DATE:

QUANTITY CALCULATIONS ARE ON FILE AT THE DISTRICT 4 OFFICE; BUREAU OF PROJECT IMPLEMENTATION; DOCUMENTATION SECTION

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

01-01-97	RENUM. B-8.03, NEW REVISION BOX, REVISED	T.P.	09-01-00	CORRECT WEIGHT	J.A.
	TITLE BOX, ADDED QUANTITY CALCULATION BOX		10-16-06	REV. TO 2007 SPEC., CORRECT mm UNITS	M.A.
04-01-97	CORRECT BAR	J.A.			
02-10-98	REVISE QUANTITIES	J.A.			

STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION

PIPE CULVERT EXTENSION COLLAR (WITHOUT END SECTION)

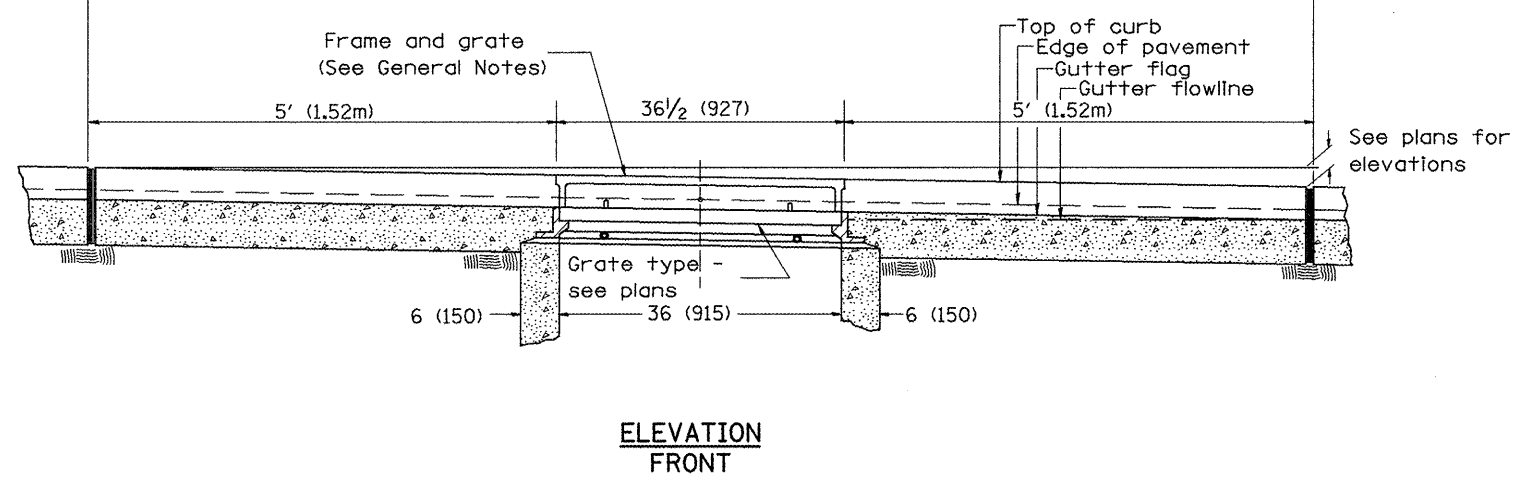
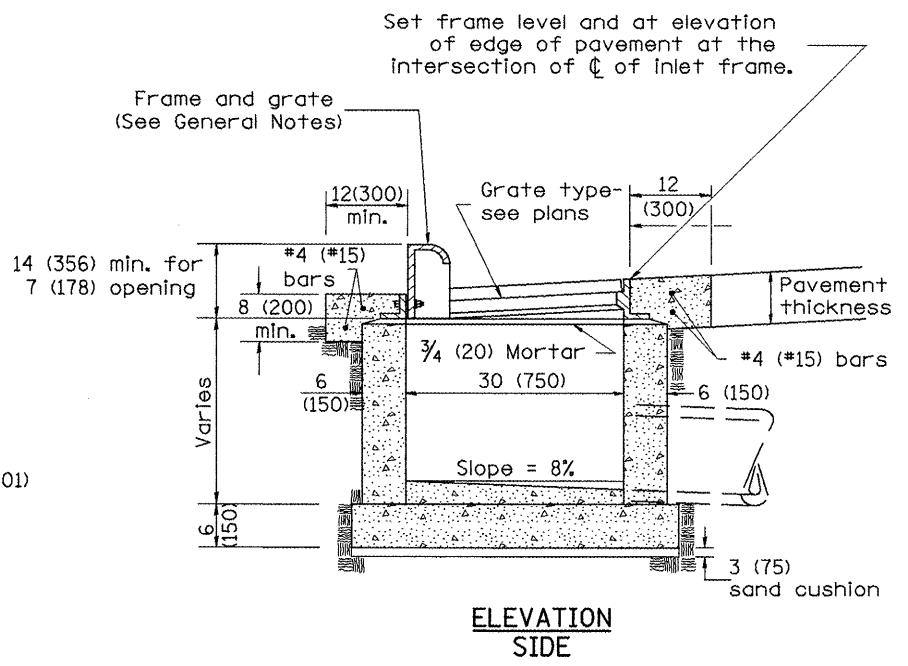
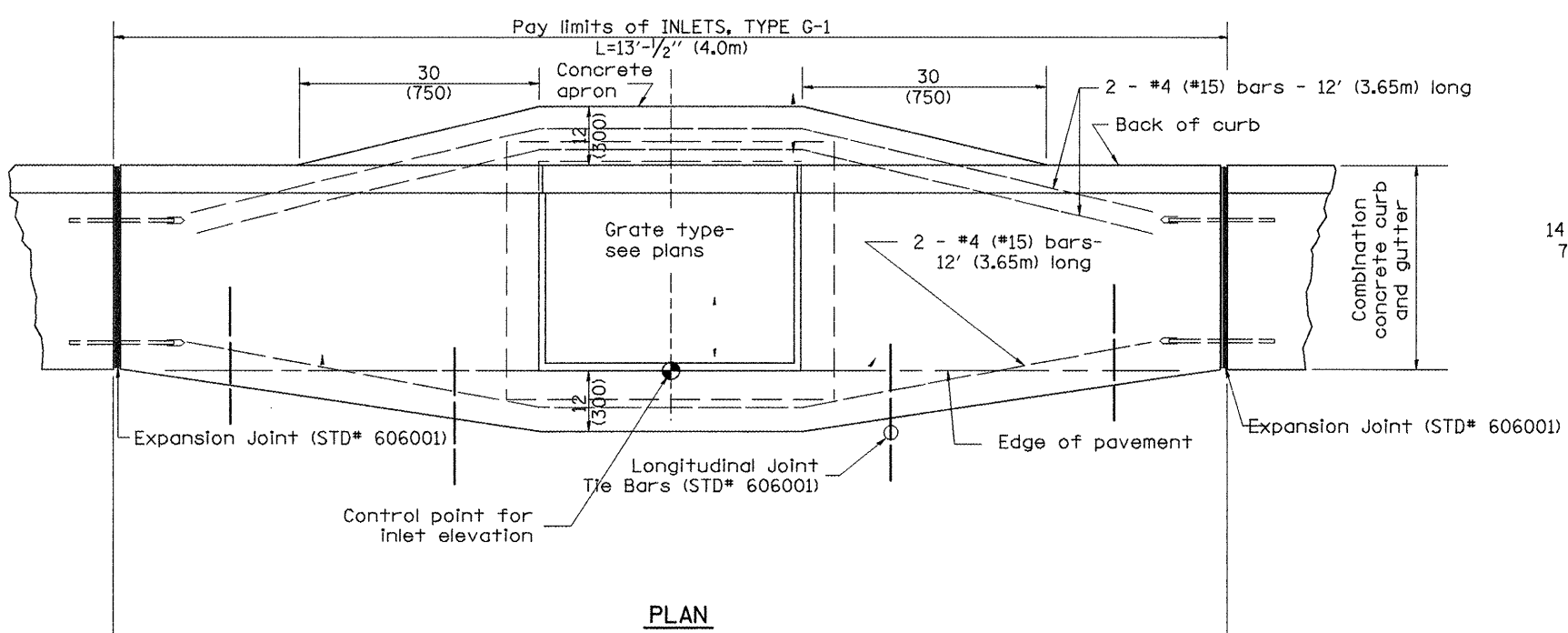
NOT TO SCALE

429

CADD STD. 542016-D4

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
399	36R-8	Tazewell	429	193
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT			CONTRACT NO. 68258	

DESIGNER NOTES:  
 1. Include State Standard 606001 for combination concrete curb and gutter details.  
 2. Include State Standard 420001 for pavement joints.  
 3. Include District CADD Standard for frame and grates and specify grate type in plans.  
 4. Include District Special Provision. Pay item includes transitional c.c.c & g., inlet and frame and grate. All work within pay limits.  
 5. The designer should include pavement removal quantities when the apron requires pavement removal.



**GENERAL NOTES**

1. Inlet construction shall be in accordance with Section 602 of the Standard Specifications.
2. Combination Concrete Curb & Gutter shall be constructed in accordance with Section 606 of the Standard Specifications.
3. See District CADD Standard 604001-D4 for frame and grates.

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

01-01-97	RENUM. B-4.01, NEW REVISION BOX	T.P.							
10-99	REVISION TO GENERAL NOTES	J.A.							
02-00	REVISION TO DESIGNER NOTES	J.A.							
10-16-06	REVISED TO 2007 SPEC.	M.A.							

STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION

INLETS, TYPE G-1

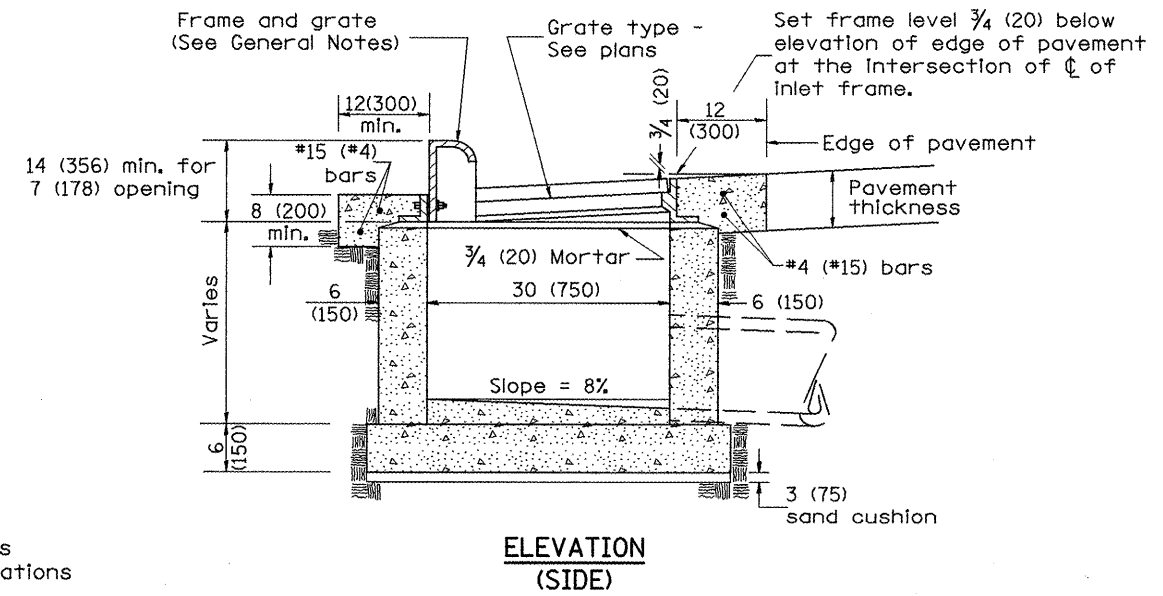
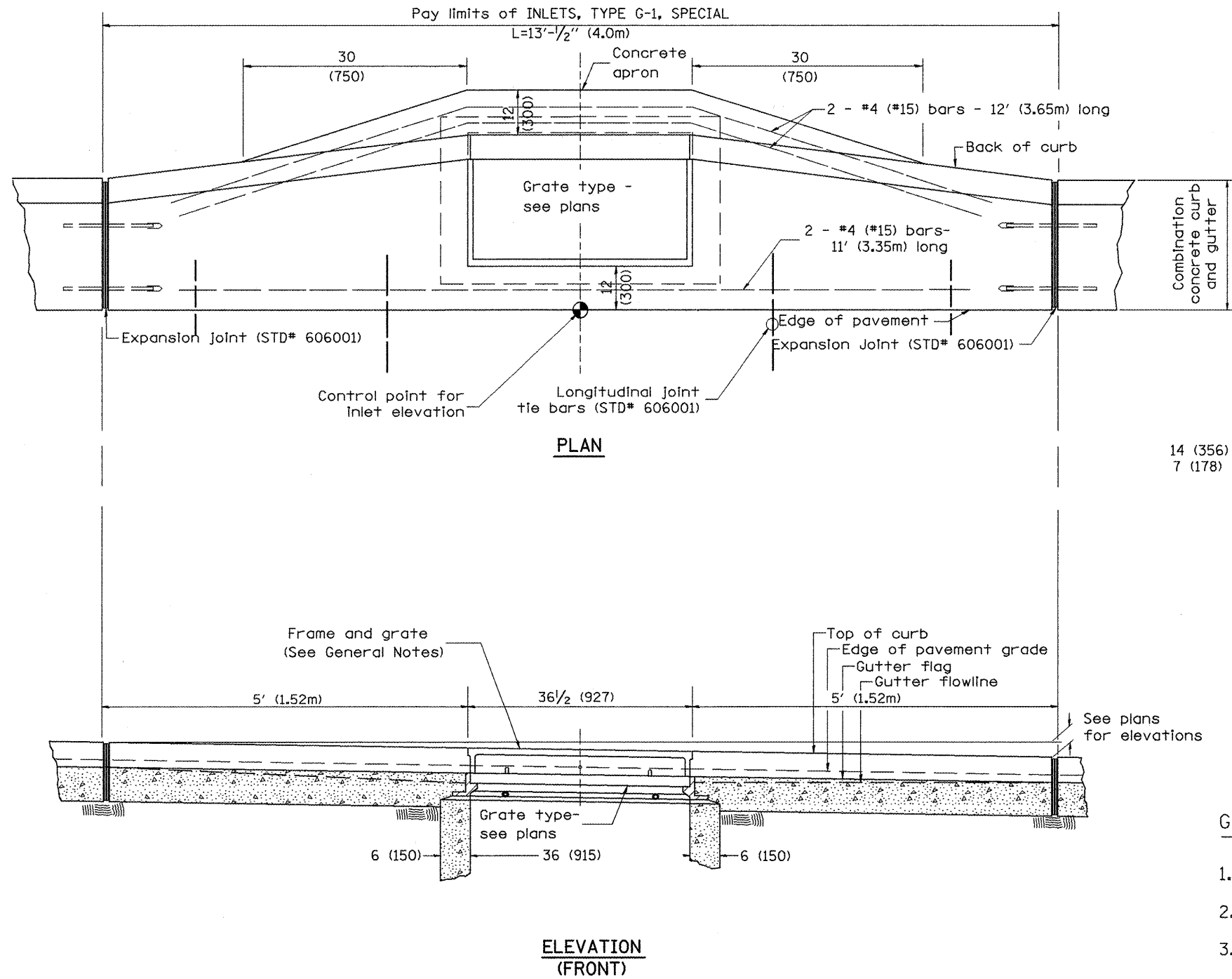
NOT TO SCALE

429

CADD STD. 602001-D4

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
399	36R-8	Tazewell	429	194
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT			CONTRACT NO. 68258	

DESIGNER NOTES: 1. Include State Standard 606001 for combination concrete curb and gutter details.  
 2. Include State Standard 420001 for pavement joints.  
 3. Include District CADD Standard for frame and grates.  
 4. Include District Special Provision. Pay item includes transitional c.c.c. & g., inlet and frame and grate. All work within pay limits.  
 5. Specify grate type in plans.



**GENERAL NOTES**

1. Inlet construction shall be in accordance with Section 602 of the Standard Specifications.
2. Combination Concrete Curb and Gutter shall be constructed in accordance with Section 606 of the Standard Specifications.
3. See District CADD Standard 604001-D4 for frame and grates.

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

01-01-97	RENUM. B-4.02, NEW REVISION BOX								
12-01-98	CORRECT E.O.P. NOTE	J.A.							
10-99	REVISION TO GENERAL NOTES	J.A.							
10-16-06	REVISED TO 2007 SPEC.	M.A.							

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**INLETS, TYPE G-1, SPECIAL**

NOT TO SCALE

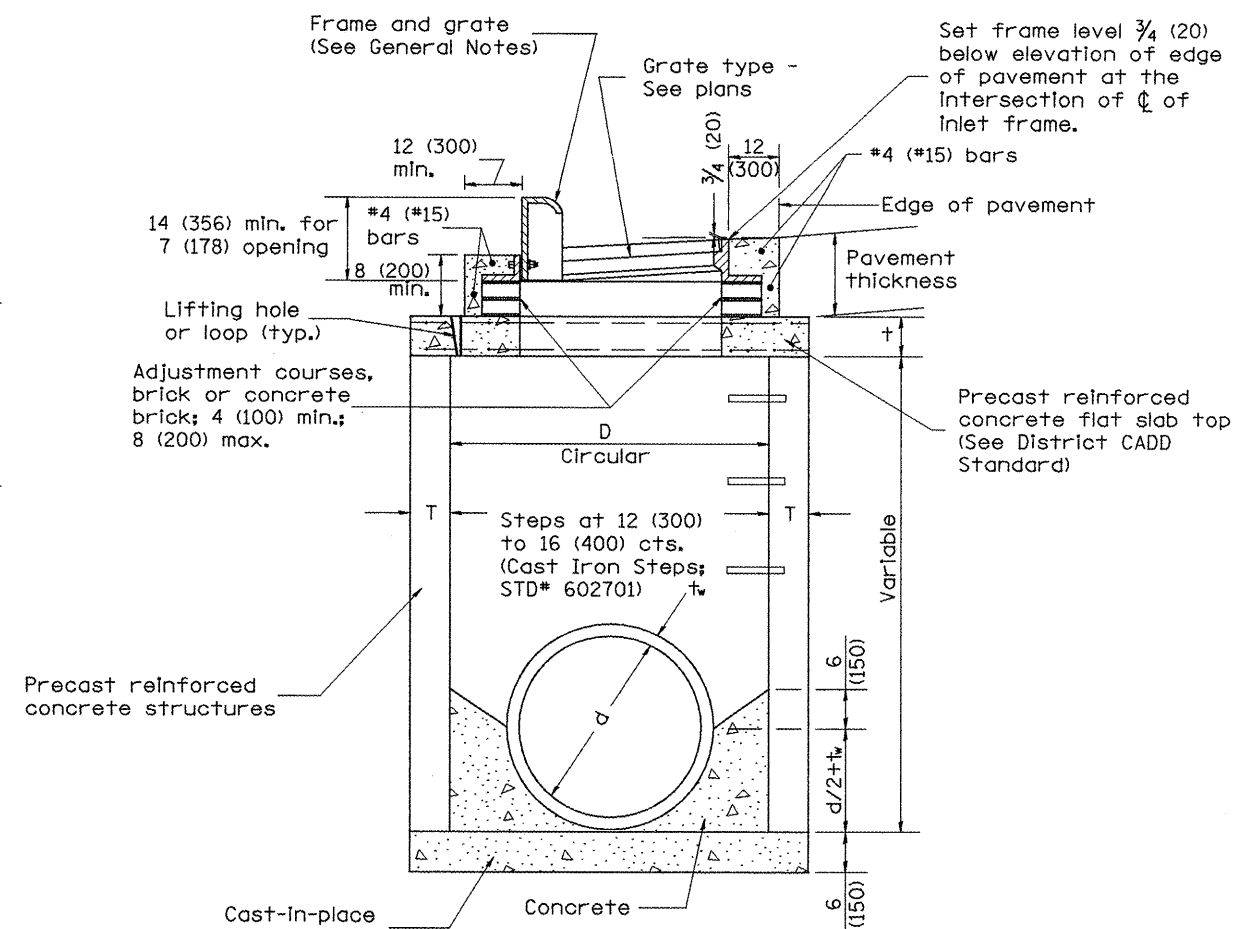
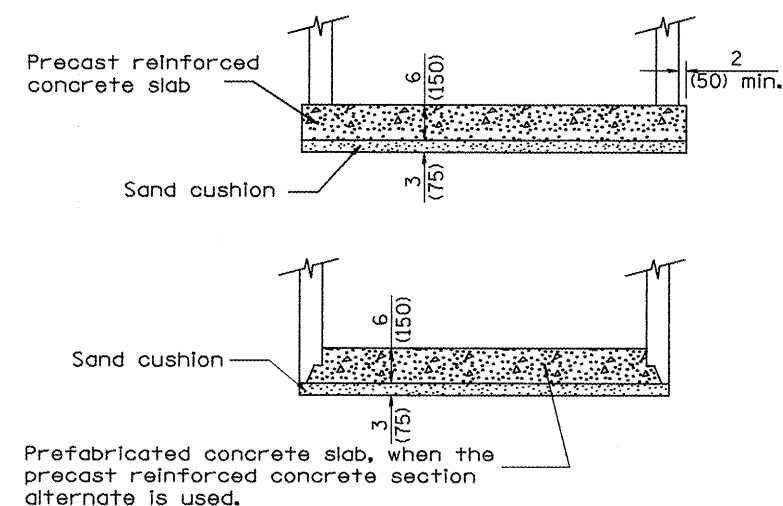
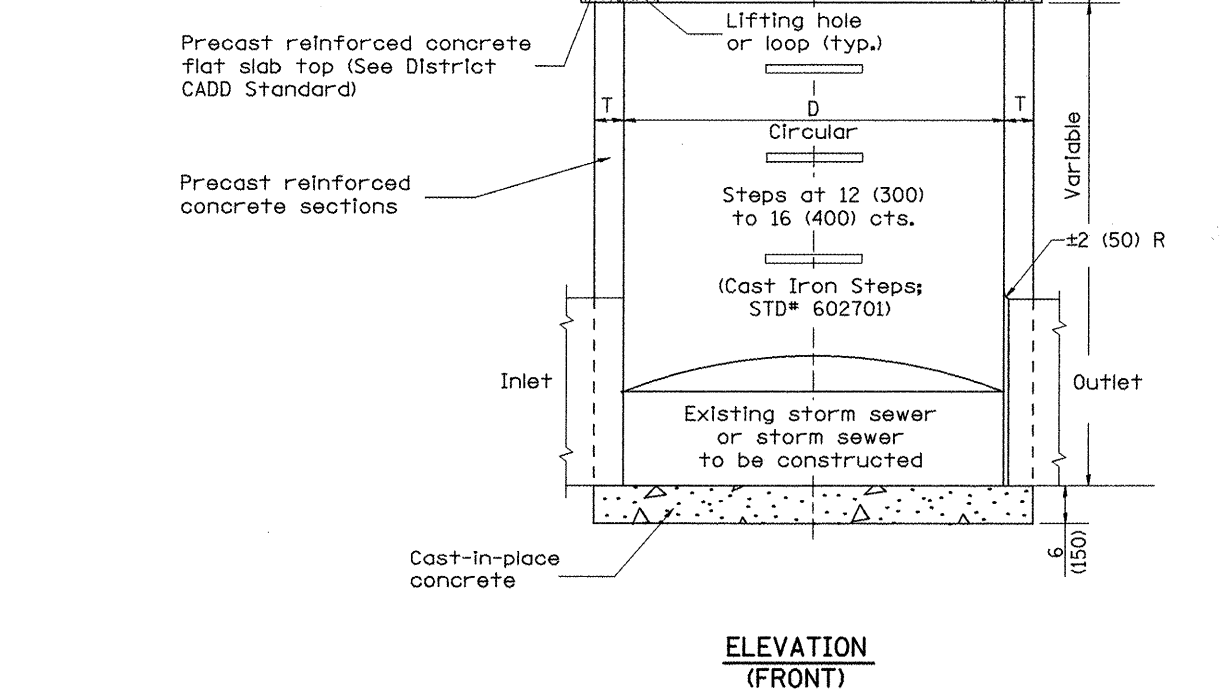
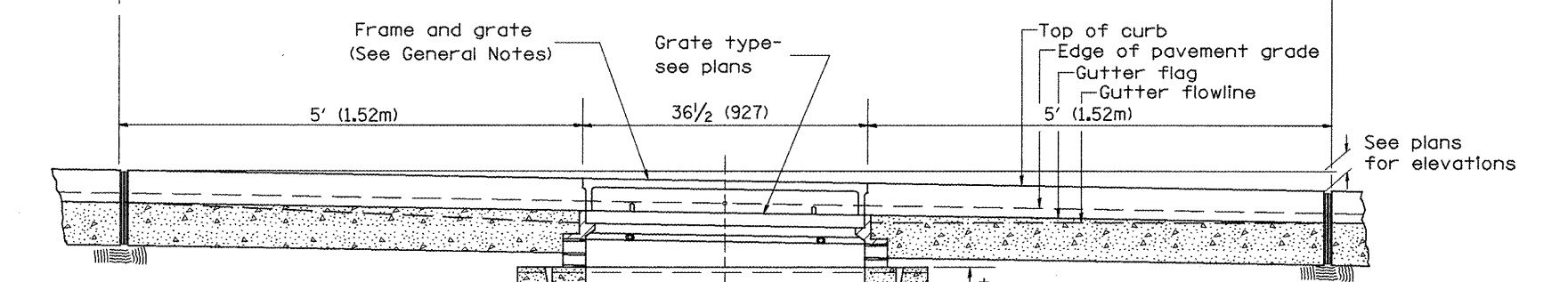
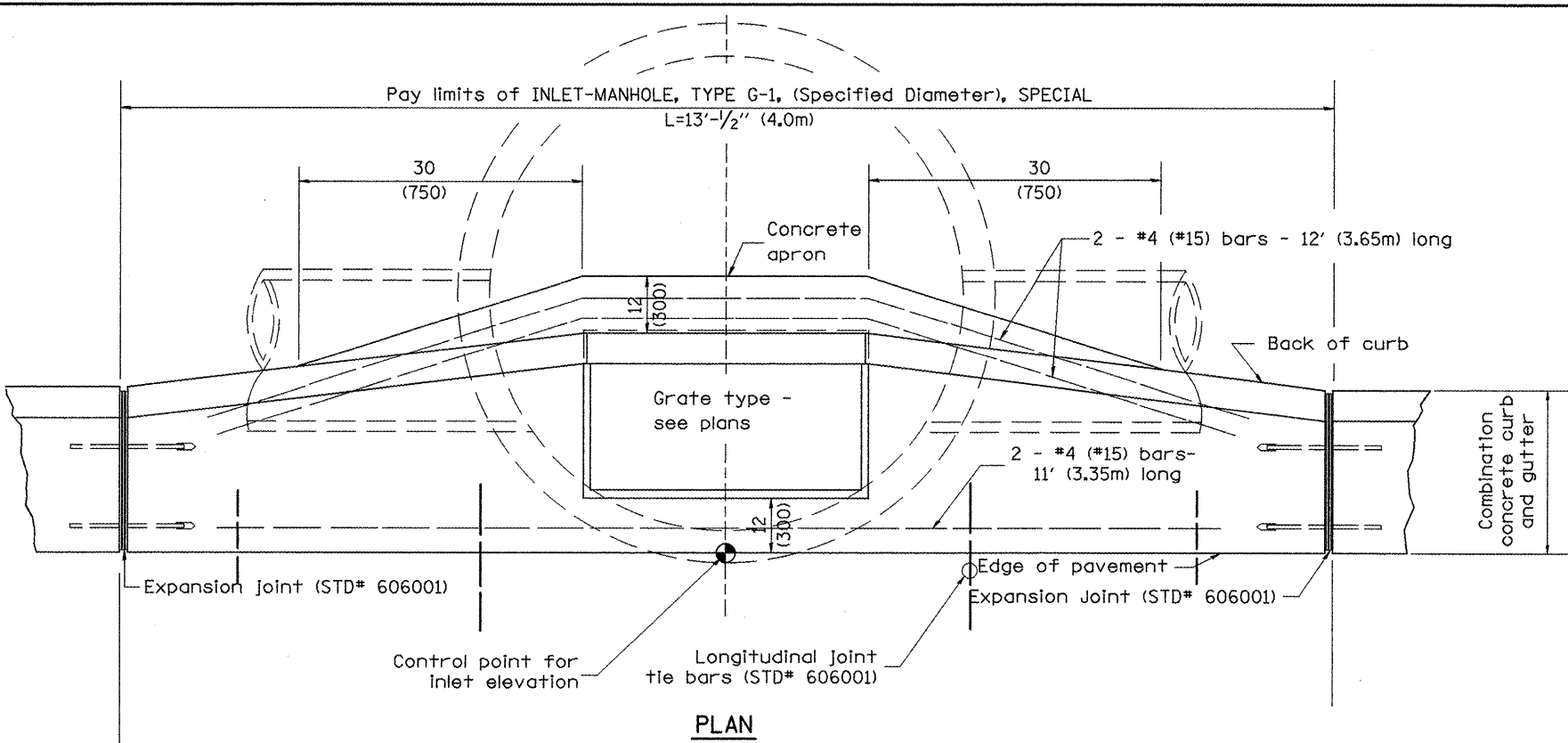
429

CADD STD. 602006-D4

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
399	36R-8	Tazewell	429	195
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT			CONTRACT NO. 68258	



DESIGNER NOTES:  
 1. Include State STD# 606001 for combination concrete curb and gutter details.  
 2. Include State STD# 420001 for pavement joints.  
 3. Include State STD# 602701 for cast iron steps.  
 4. Include District CADD Standard for frame and grates.  
 5. Include District CADD Standard for precast reinforced concrete flat slab top.  
 6. Include District CADD Special Provision. Pay item includes inlet - manhole, flat slab top, transitional c.o.c.&g. and frame and grate. All work within pay limits.  
 7. Specify diameter of inlet - manhole in plans.  
 8. Specify grate type in plans.



TABLE

D	T	+
4' (1.2m)	5 (125)	6 (150)
5' (1.5m)	6 (150)	8 (200)
6' (1.8m)	7 3/4 (195)	8 (200)
8' (2.4m)	9 (225)	10 (250)

- GENERAL NOTES
1. Inlet-manhole construction shall be in accordance with Section 602 of the Standard Specifications.
  2. Combination concrete curb and gutter shall be constructed in accordance with Section 606 of the Standard Specifications.
  3. See District CADD Standard 604001-D4 for frame and grates.
  4. See District CADD Standard for precast reinforced concrete flat slab top.

01-01-97	RENUM. B-4.06, NEW REVISION BOX	T.P.
12-01-98	CORRECT E.O.P. NOTE	J.A.
10-99	REVISION TO GENERAL NOTES	J.A.
10-16-06	REVISED TO 2007 SPEC.	M.A.

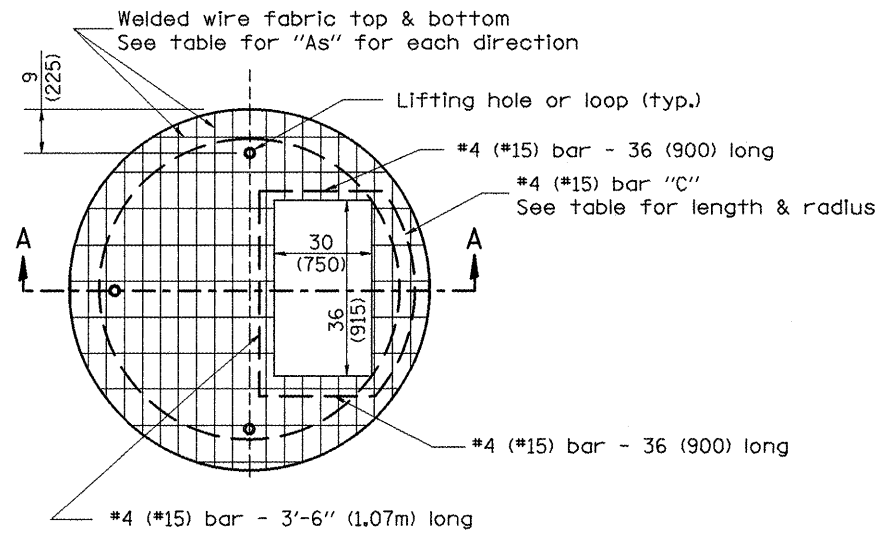

STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION

INLET-MANHOLE, TYPE G-1, SPECIAL  
 NOT TO SCALE  
 429  
 CADD STD. 602026-D4

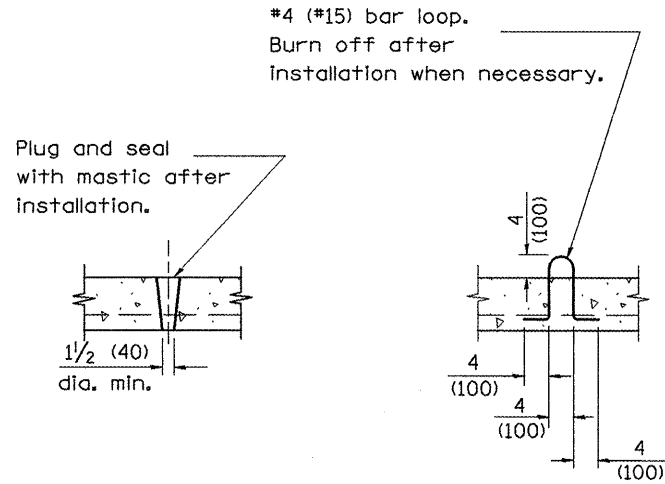
All dimensions are in inches (millimeters) unless otherwise noted.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
399	36R-8	Tazewell	429	196
CONTRACT NO. 68258				
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT				

DESIGNER NOTES:  
 1. Include this standard with Type G-1 and Type G-1, Special Inlet-Manholes.  
 2. The flat slab top is included in the cost of INLET-MANHOLES as per District Special Provision.

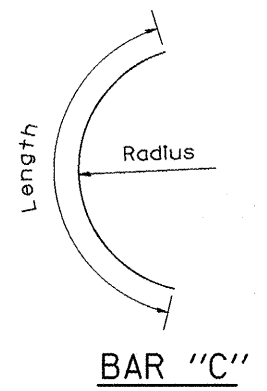


**PLAN**



**LIFTING HOLE OR LIFTING LOOP  
TYPICAL**

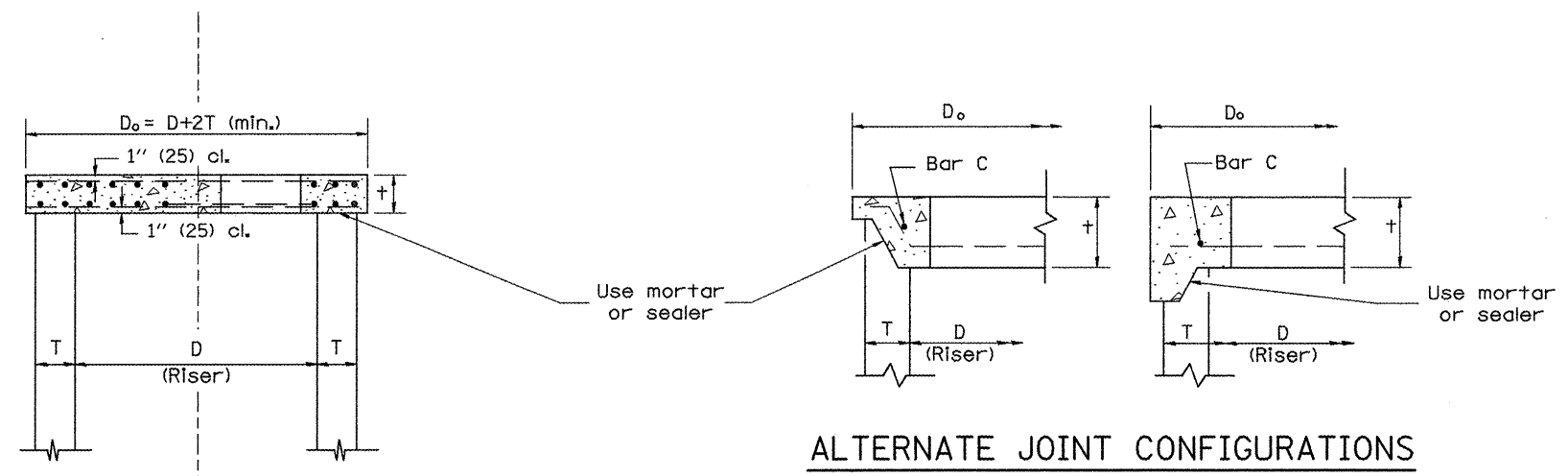
(3 required per slab)



**BAR "C"**

**TABLE**

D	T	D <sub>o</sub> (min.)	t	Reinforcement "A" W.W.F. each direction	Bar size	No. 15 (No. 4) Bar C	
						Length	Radius
4' (1.2m)	5 (125)	4'-10" (1.5m)	6 (150)	0.70 sq. inch/lin. ft. (1480mm <sup>2</sup> /m)	No. 15 (No. 5)	1.35m (4'-6")	660 (26)
5' (1.5m)	6 (150)	6'-0" (1.8m)	8 (200)	0.70 sq. inch/lin. ft. (1480mm <sup>2</sup> /m)	No. 15 (No. 5)	1.5m (5'-0")	810 (32)
6' (1.8m)	7 3/4 (195)	7'-3 1/2" (2.2m)	8 (200)	0.88 sq. inch/lin. ft. (1860mm <sup>2</sup> /m)	No. 20 (No. 6)	1.8m (6'-0")	965 (38)
8' (2.4m)	9 (225)	9'-6" (2.9m)	10 (250)	0.88 sq. inch/lin. ft. (1860mm <sup>2</sup> /m)	No. 20 (No. 6)	2.3m (7'-6")	1.27m (4'-2")



**SECTION A-A**

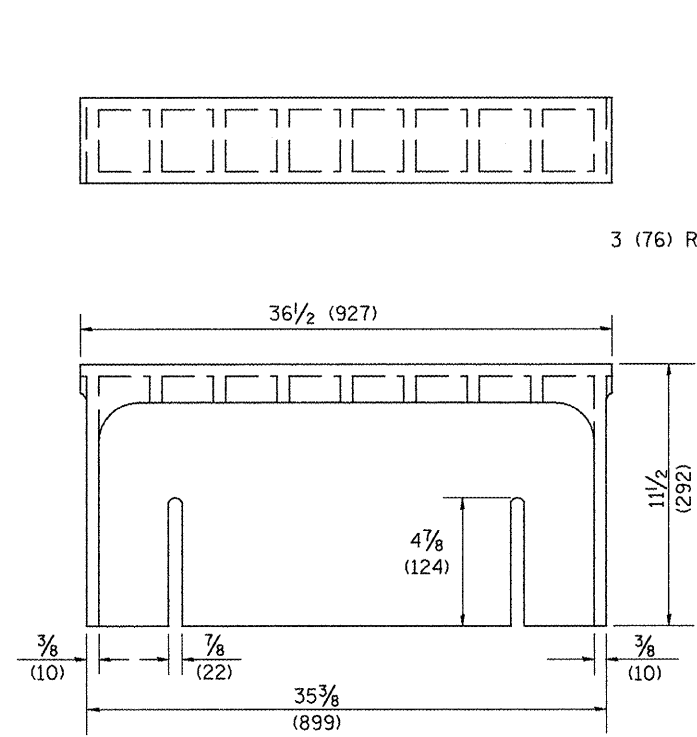
**ALTERNATE JOINT CONFIGURATIONS**

**GENERAL NOTES**

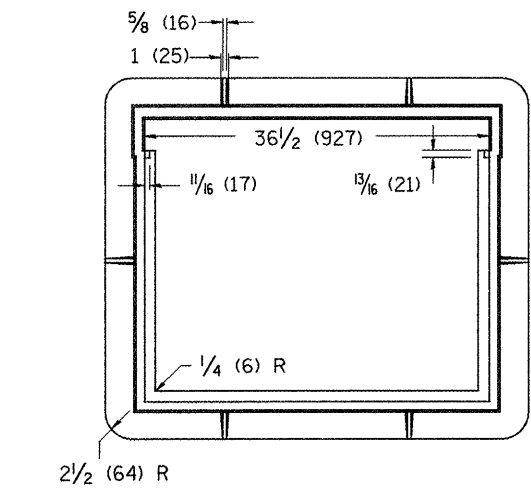
1. The precast reinforced concrete flat slab top shall be used with INLET-MANHOLE, TYPE G-1 and INLET-MANHOLE, TYPE G-1, SPECIAL.
2. Joint configuration and dimensions of flat slab top shall match and fit the riser joint detail.
3. Lifting devices shall be approved by the Engineer.

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

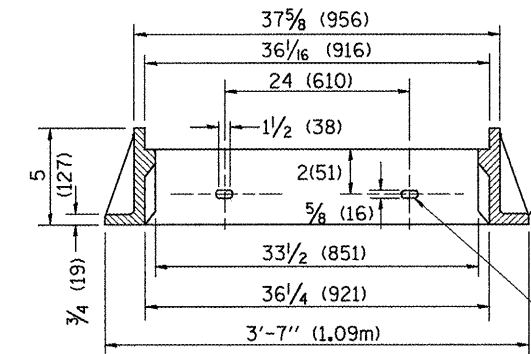
1. Include this standard with all Type G-1 and Type G-1, Special Drainage Structures.  
 2. Specify grate types and flow directions in plans.  
 3. These castings are included in the cost of the drainage structures as per District Special Provision.  
 4. This drawing based upon "NEENAH" designs as follows: Inlet Frames R-3246-A, Curb Box R-3290  
 Reversible Diagonal Grate R-3246-A  
 Vane Grates R-3246-AL (flow left)  
 R-3246-AR (flow right)



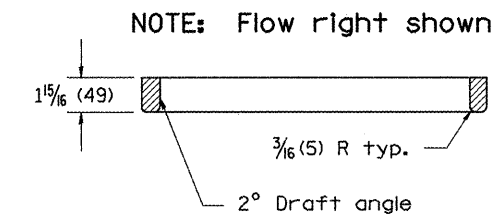
**CAST CURB BOX**  
110 lbs. (50 kg)



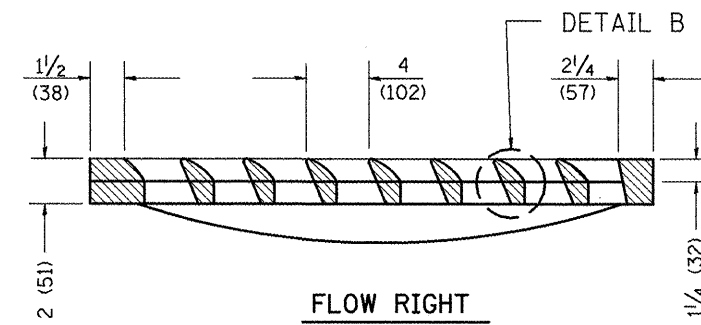
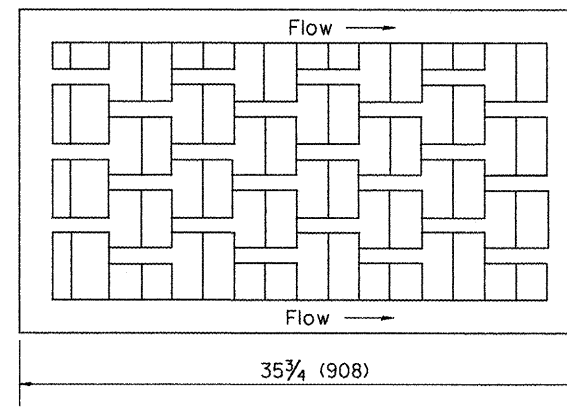
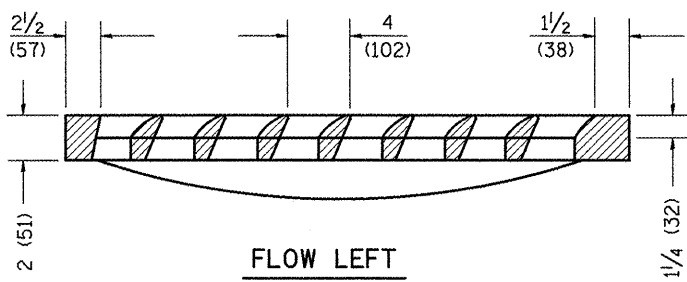
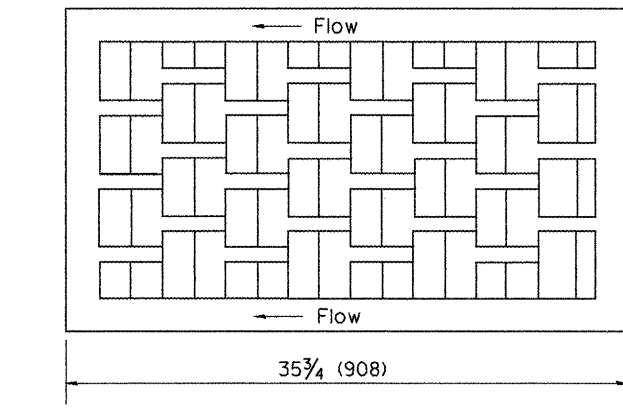
**CAST FRAME**  
271 lbs. (123 kg)



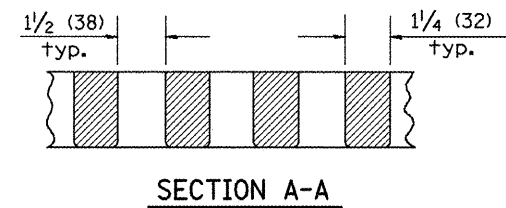
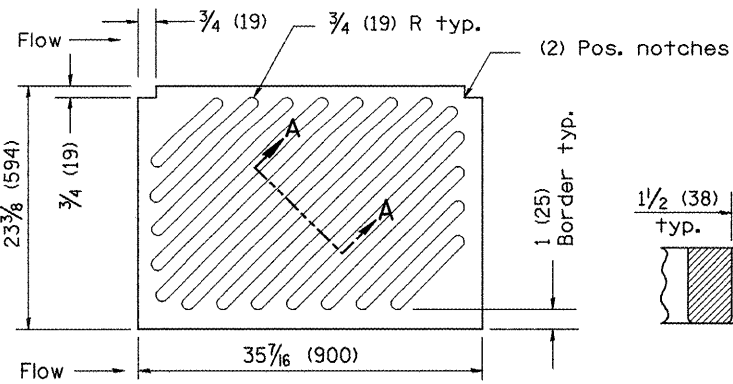
**CAST DIAGONAL GRATE**  
(Reversible for flow)  
217 lbs. (98 kg)



**CAST DIAGONAL GRATE**  
(Reversible for flow)  
217 lbs. (98 kg)

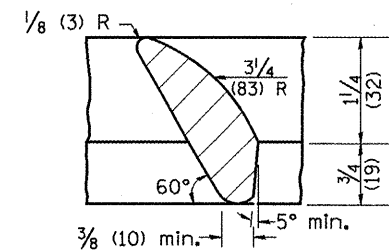
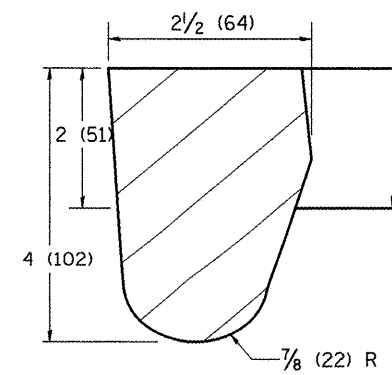
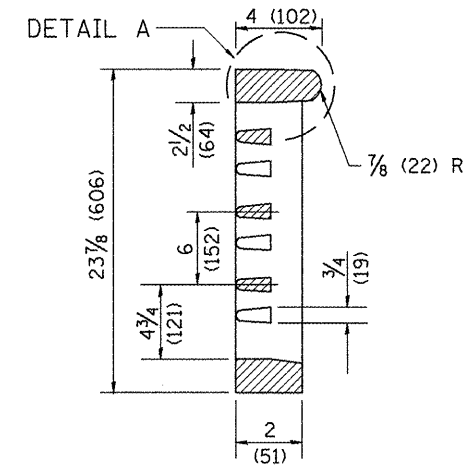


**CAST VANE GRATES**  
(SPECIFY LEFT OR RIGHT FLOW)  
230 lbs. (104 kg)



**GENERAL NOTES**

- The frame and grate shown on this drawing are for use with all TYPE G-1 and TYPE G-1, SPECIAL DRAINAGE STRUCTURES. See plans for grate type and flow direction.
- Flow direction: As viewed from street side.
- Material: cast gray iron.



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

01-01-97	RENUM. B-10.01, NEW REVISION BOX	T.P.
10-16-06	REVISED TO 2007 SPEC.	M.A.

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

FRAME & GRATES FOR TYPE G-1 AND TYPE G-1,  
SPECIAL DRAINAGE STRUCTURES

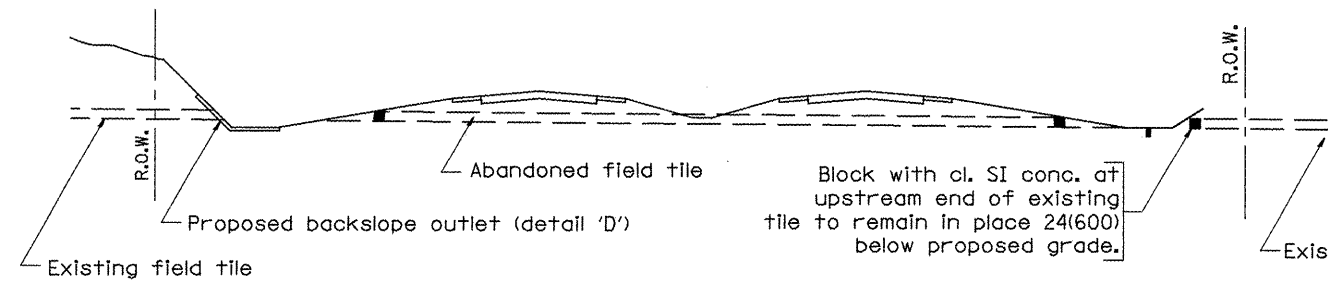
NOT TO SCALE

429

CADD STD. 604001-D4

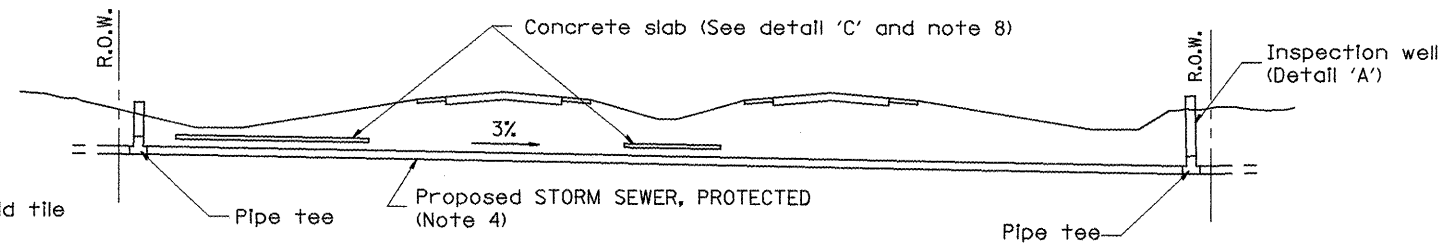
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
399	36R-8	Tazewell	429	198
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT			CONTRACT NO. 68258	

DESIGNER NOTES: USE THIS IN CONJUNCTION WITH SPECIAL PROVISION FOR "STORM SEWER, PROTECTED."



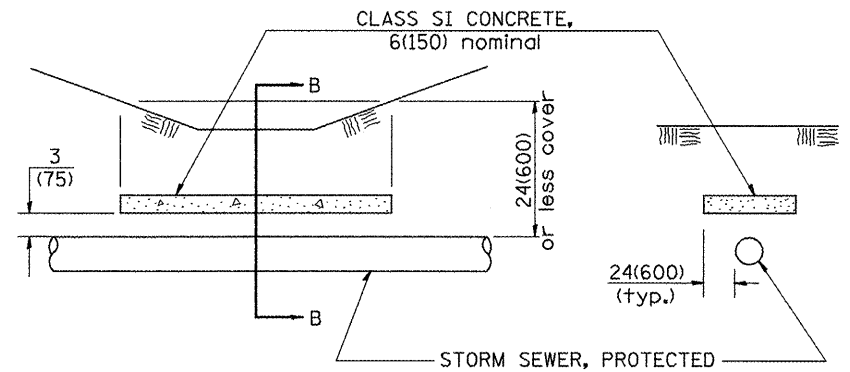
**METHOD 'A'**

Storm sewer flowline at 6(150) or more above proposed ditch flowline



**METHOD 'B'**

Storm sewers below proposed ditch flowline



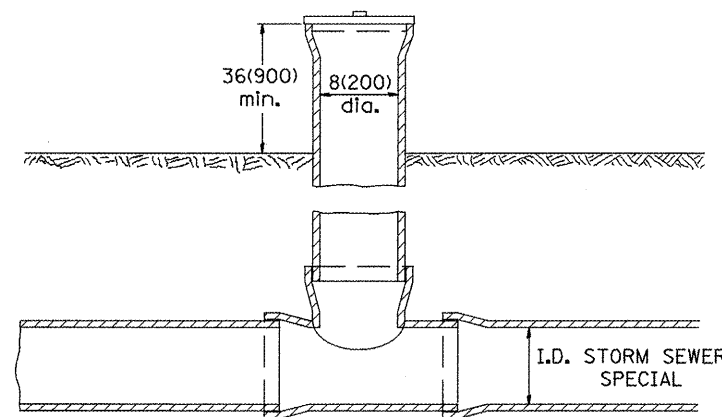
**ELEVATION**

**SECTION B-B**

**CONCRETE SLAB**  
Detail "C"

**GENERAL NOTES:**

1. Method 'A' is the preferred method of installation and should be used to minimize non-essential pipe crossing under pavement. The engineer should consider adjusting ditch elevations to accommodate the field tile outletting 6(150) above the ditch flowline.
2. Method 'B' shall be used only if ditch elevations cannot be adjusted to accommodate the use of method 'A'.
3. Abandoned field tile shall be plugged, as directed by the engineer, cost incidental.
4. Non-circular field tile shall be replaced with STORM SEWER, PROTECTED of at least the same cross sectional area. All existing field tile shall be replaced with storm sewer of the type required for the minimum depth of cover.
5. STORM SEWER, PROTECTED 8(200) shall be used for the inspection well and riser regardless of existing tile size. PVC pipe shall not be used for inspection wells.
6. Inspection wells shall be placed approximately 24(600) inside of both R.O.W. lines at the locations shown on the plans unless arrangements are made by the land acquisition unit to have the wells placed on the property owners side of the R.O.W.
7. The inspection well concrete lid shall be constructed of P.C. concrete CLASS SI CONCRETE and provide with a handle shaped from a #4 (#15) reinforcing bar.
8. The 6(150) concrete slab shall be poured the full length of the trench at the ditch flowline locations within the right of way with less than 24(600) of earth cover P.C. CONCRETE CLASS SI shall be used.
9. The existing field tile shall be connected to STORM SEWER, PROTECTED by a P.C. CONCRETE CLASS SI COLLAR as directed by the engineer.
10. Applicable portion of the Special Provision for STORM SEWER, PROTECTED apply.



**INSPECTION WELL**  
Detail "A"



**INSPECTION WELL CONCRETE LID**  
Detail "B"

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

01-01-97	RENUM. A-18.02, NEW REVISION BOX, REVISED TITLE	T.P.			
	BOX				
06-01-97	REVISED DRAWING & TITLE BOX	J.A.			
10-16-06	REVISED TO 2007 SPEC.	M.A.			

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

STORM SEWER PROTECTED

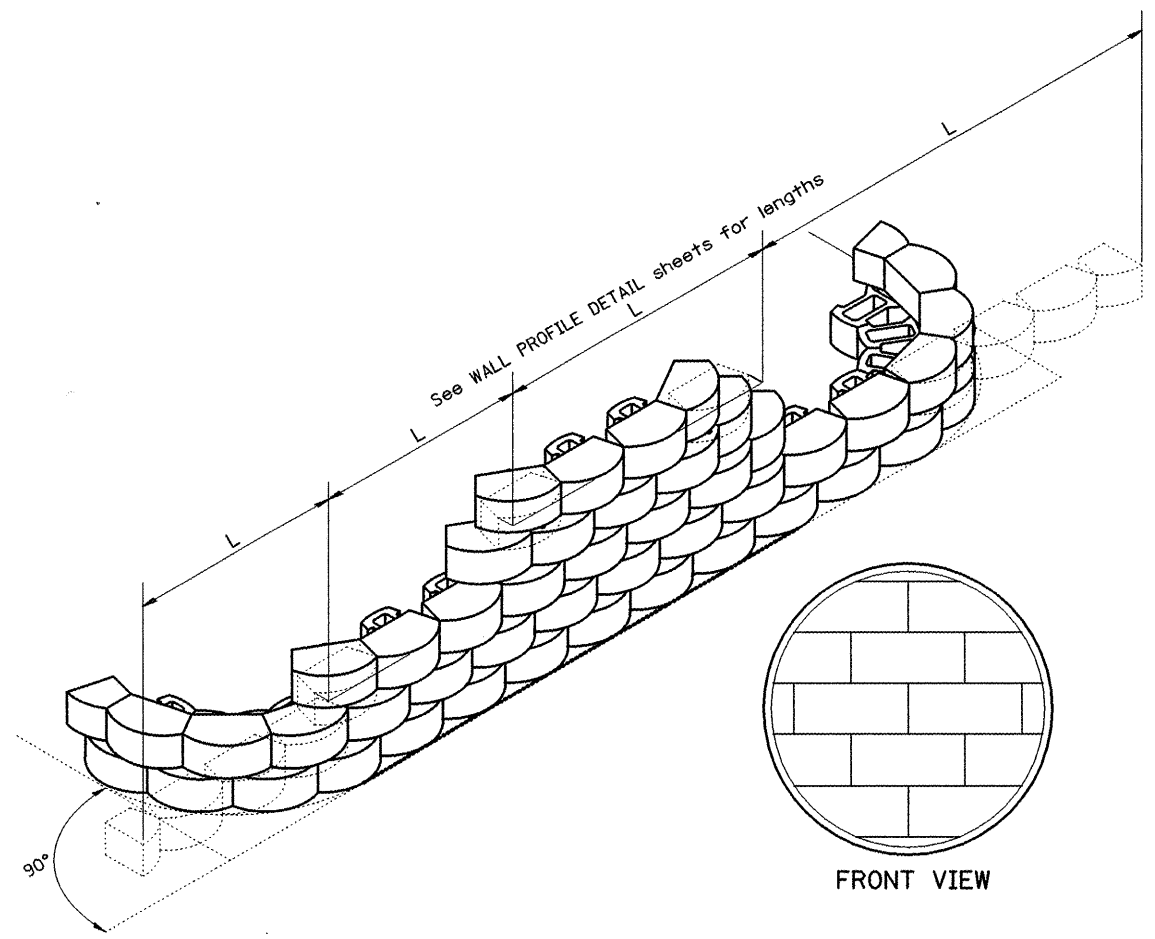
NOT TO SCALE

429

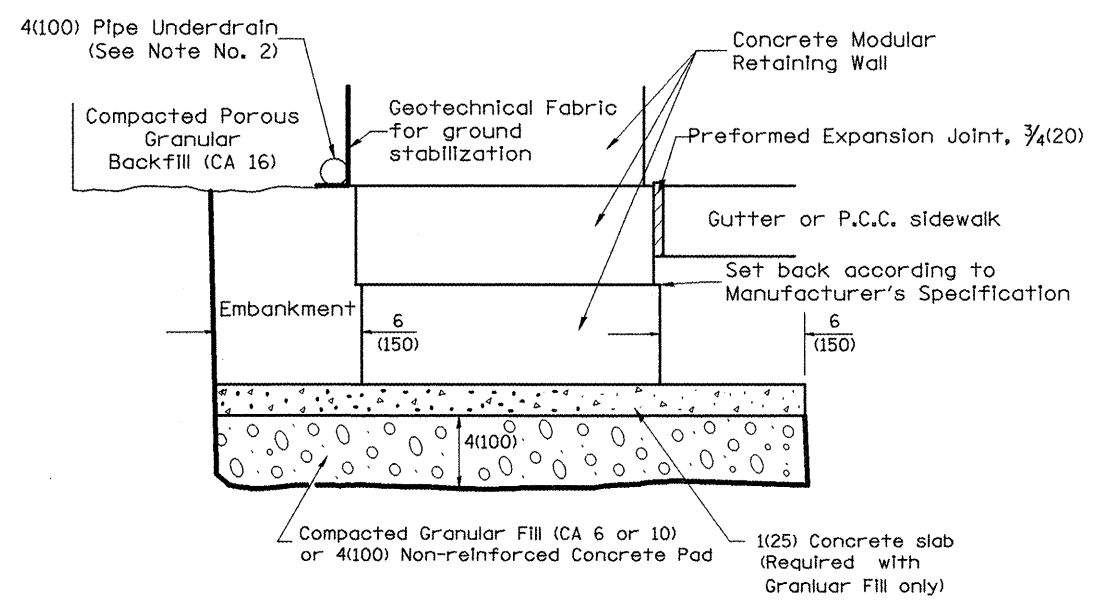
CADD STD. 611001-D4

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
399	36R-8	Tazewell	429	199
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT			CONTRACT NO. 68258	

**DESIGNER NOTES:**  
 1. Use in conjunction with Special Provisions for Modular Retaining Wall System, with name of three systems specified.  
 2. Use in conjunction with Special Provisions for Pipe Underdrains, CA 16, without Fabric Envelope.



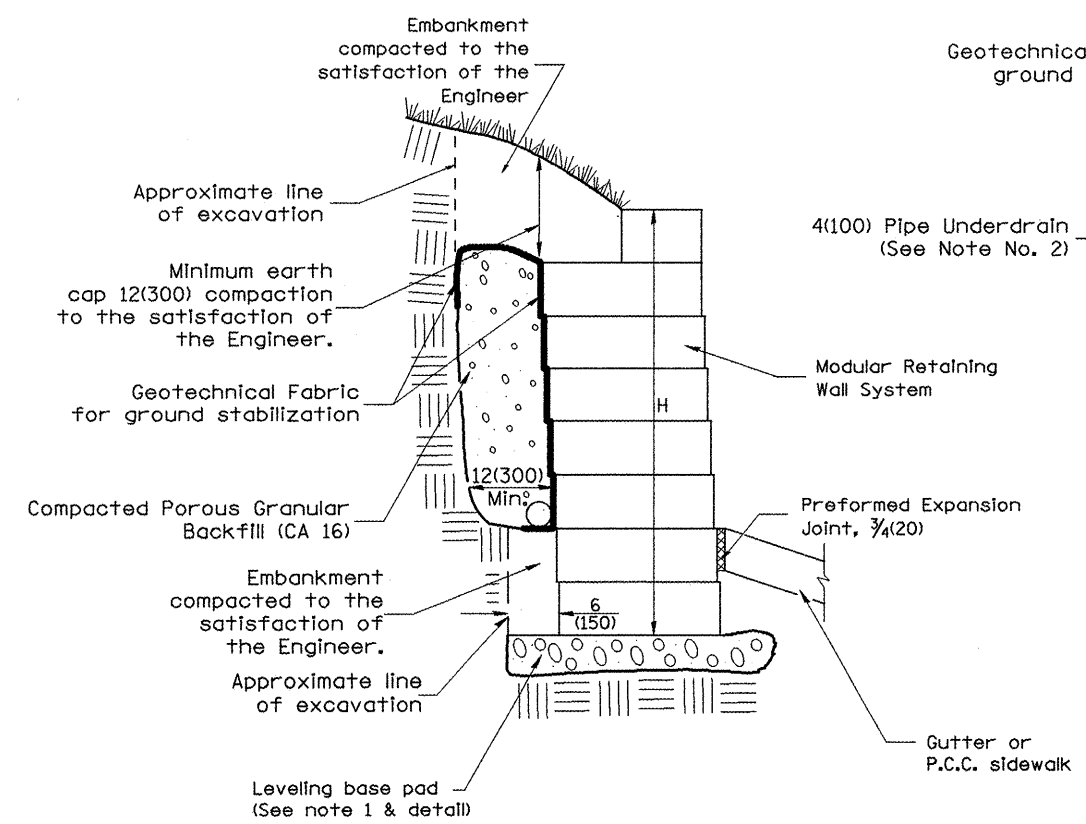
**INSTALLATION OF COURSES IN RUNNING BOND**



**LEVELING BASE PAD DETAIL**

**NOTES:**

- At the Contractor's option the portion of the stone wall below top of sidewalk elevation may be constructed with class SI concrete. The width shall match the width of the modular block plus the 12(300) maximum trench.
- 4(100) Pipe Underdrains shall outlet into inlets or storm sewer.
- Pipe drains and pipe underdrains shall meet the requirements of the applicable portions of section 601 of the Standard Specifications.
- Preformed expansion joint filler shall be placed between the gutter or sidewalk and the wall.
- The geotechnical fabric shall meet the requirements of the applicable portions of Sections 210 and 1080 of the Standard Specifications.



**LEVELING BASE PAD CONCRETE ALTERNATE (See Note 1)**

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

01-01-97	RENUM. L-5.05, NEW REVISION BOX, REVISED	T.P.							
	TITLE BOX								
10-16-06	REVISED TO 2007 SPEC.	M.A.							

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**MODULAR RETAINING WALL SYSTEM DETAIL**

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
399	36R-8	Tazewell	429	200
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT			CONTRACT NO. 68258	

NOT TO SCALE 429 CADD STD. 660101-D4