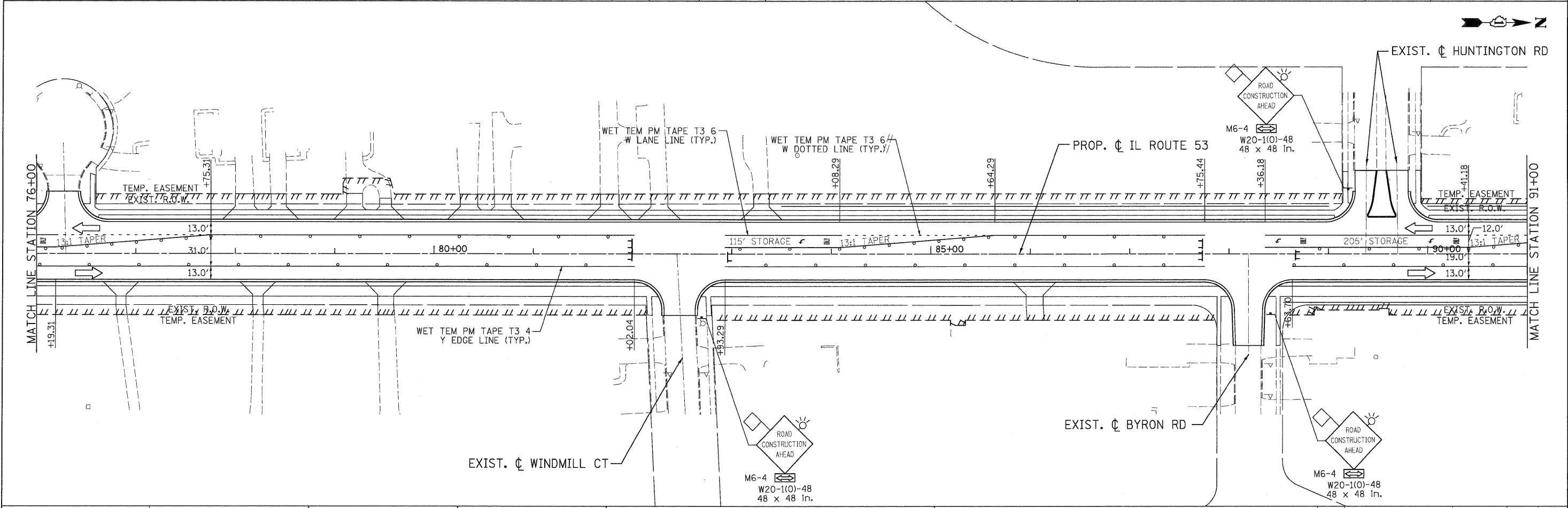


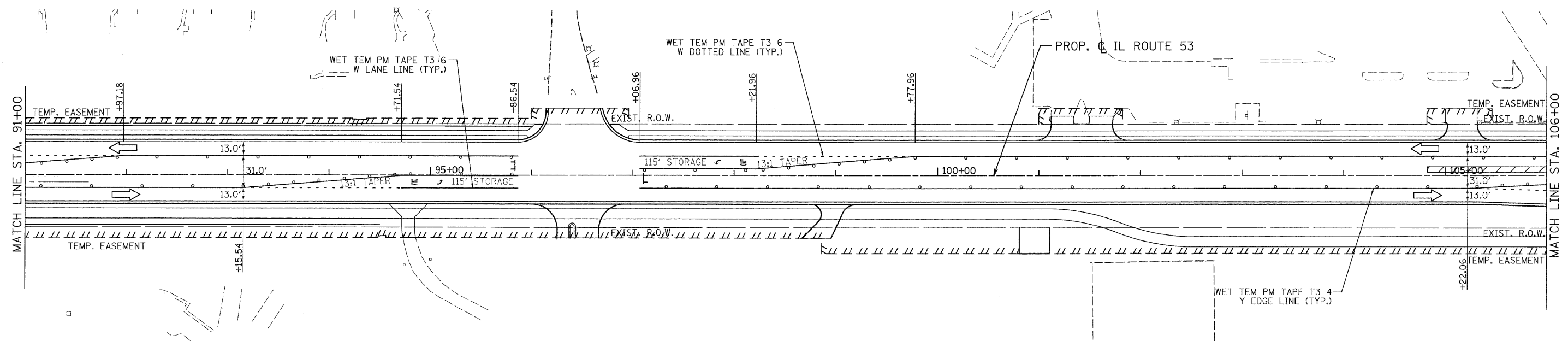
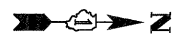
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	TEMPORARY PAVEMENT		TYPE II BARRICADES OR DRUMS WITH STEADY BURNING LIGHTS @ 50 FT CENTERS ALONG ROADWAY (TANGENT), 25 FT CENTERS ALONG TAPERS AND 12 FT CENTERS ALONG RADII		VERTICAL PANEL WITH STEADY BURNING LIGHT 50 FT C-C
	WORK ZONE		TYPE III BARRICADES WITH FLASHING LIGHTS		DIRECTION OF TRAFFIC
	ARROW BOARD				

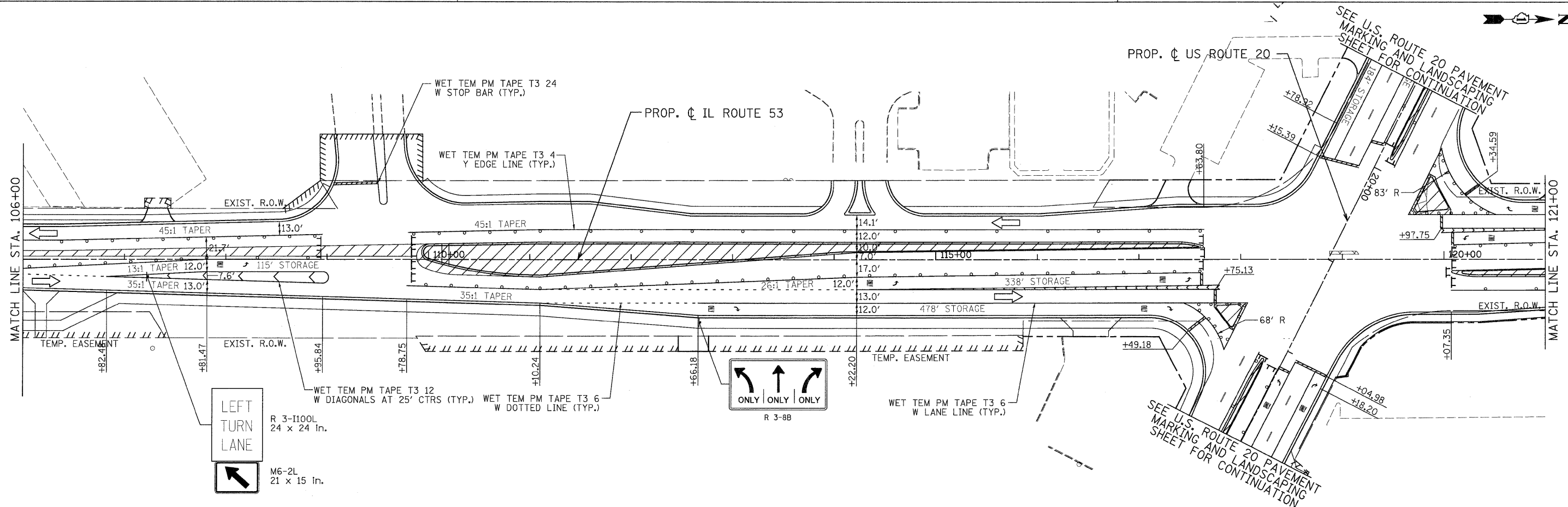
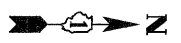


PATRICK ENGINEERING INC. 4970 VARSITY DRIVE LISLE, IL 60532 patrickengineering.com	USER NAME = ckersten@lisle.il.gov PLOT CONFIG = PDF(Grey-Large).plt PLOT SCALE = 1:50 PLOT DATE = 12/3/2010	DESIGNED - MJV DRAWN - MJV CHECKED - JJC DATE - 12/3/2010	REVISED - REVISED - REVISED - REVISED -	Illinois Department of Transportation	<b>ILLINOIS ROUTE 53</b> <b>SUGGESTED STAGES OF CONSTRUCTION &amp; TRAFFIC CONTROL</b> <b>STAGE 3 PHASE 1</b>			F.A.U. RTE. 2578 SECTION 532B COUNTY DUPAGE TOTAL SHEETS 781 SHEET NO. 201 CONTRACT NO. 60477
	SCALE: 1"=50'    SHEET M0T-95 OF 136    STA. 61+00 TO STA. 91+00				FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT			

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LEGEND			
	TEMPORARY PAVEMENT		TYPE II BARRICADES OR DRUMS WITH STEADY BURNING LIGHTS @ 50 FT CENTERS ALONG ROADWAY (TANGENT), 25 FT CENTERS ALONG TAPERS AND 12 FT CENTERS ALONG RADII
	WORK ZONE		VERTICAL PANEL WITH STEADY BURNING LIGHT 50 FT C-C
	ARROW BOARD		TYPE III BARRICADES WITH FLASHING LIGHTS
			DIRECTION OF TRAFFIC

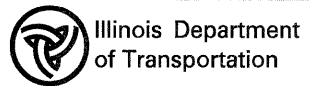


**PATRICK ENGINEERING INC.**  
 4970 VARSITY DRIVE  
 LISLE, IL 60532  
 patrickengineering.com

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 DATE - 12/3/2010

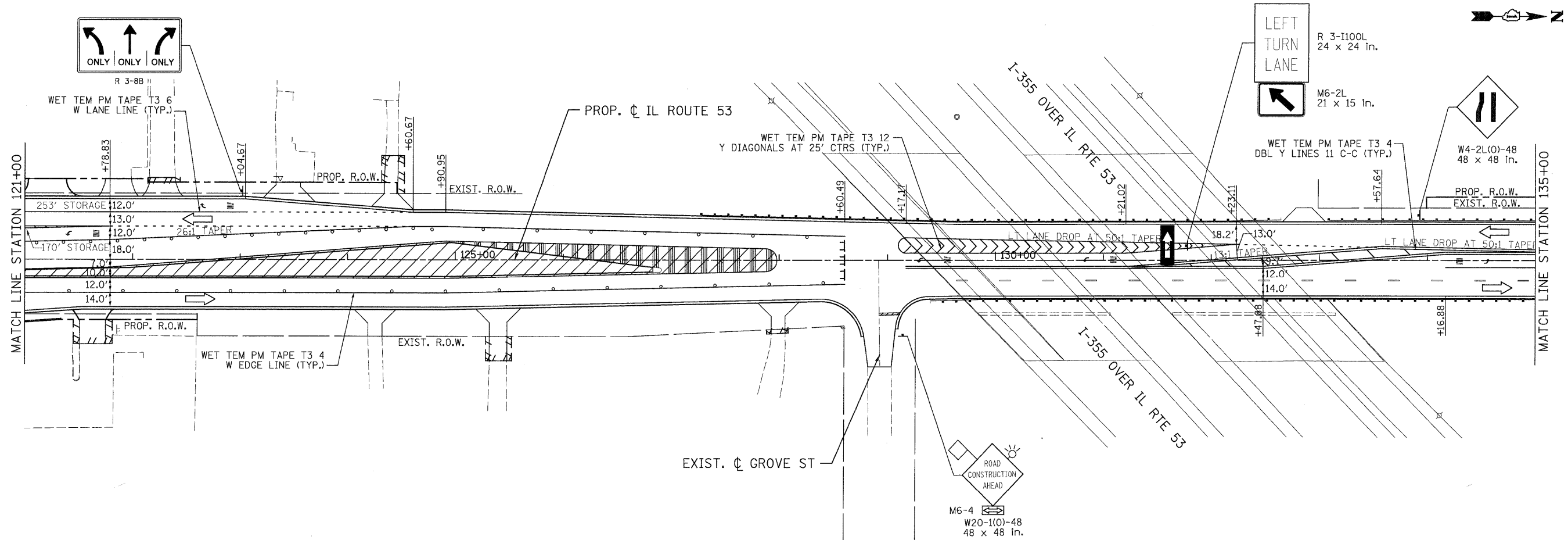
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**ILLINOIS ROUTE 53**  
**SUGGESTED STAGES OF CONSTRUCTION & TRAFFIC CONTROL**  
**STAGE 3 PHASE 1**

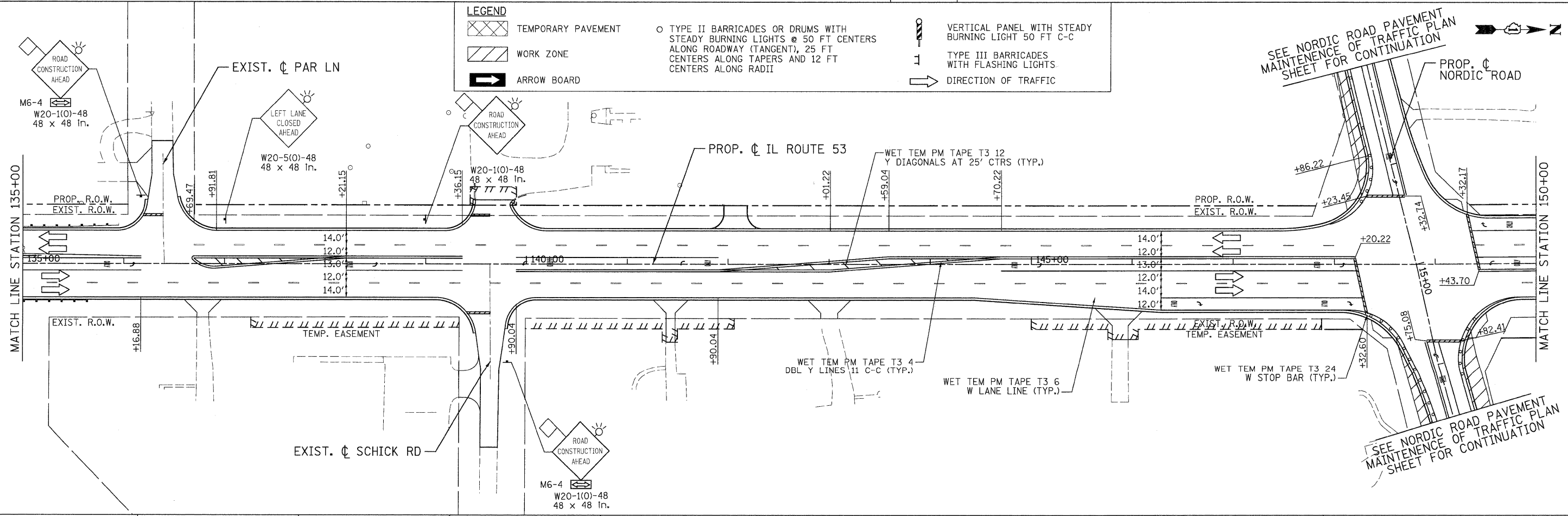
F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2578	532B	DUPAGE	781	202
CONTRACT NO. 60477				

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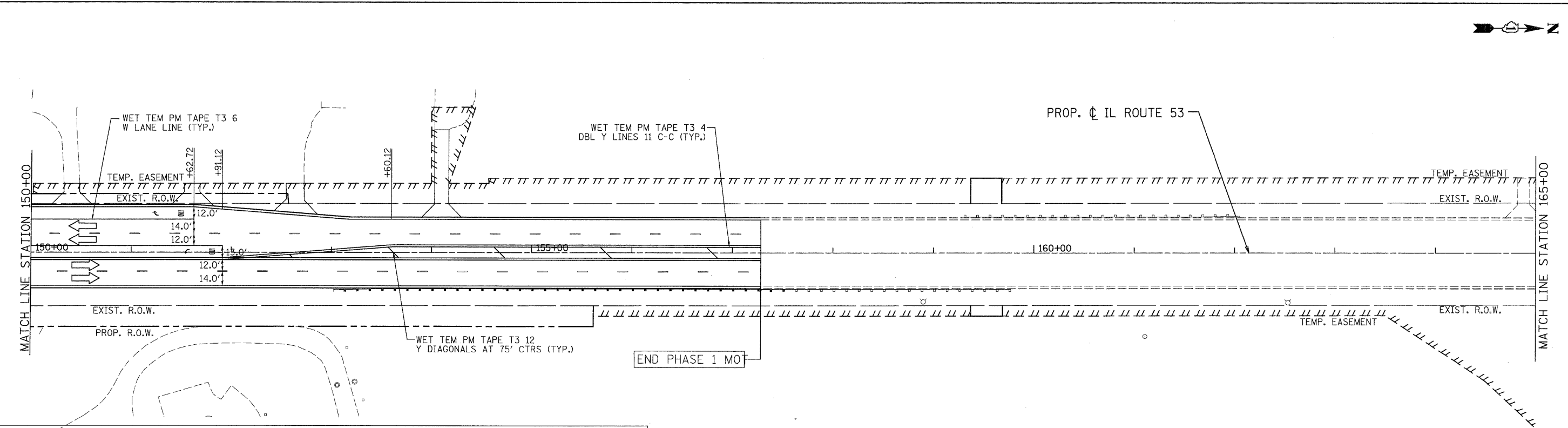
**LEGEND**

- TEMPORARY PAVEMENT
- WORK ZONE
- ARROW BOARD
- TYPE II BARRICADES OR DRUMS WITH STEADY BURNING LIGHTS @ 50 FT CENTERS ALONG ROADWAY (TANGENT), 25 FT CENTERS ALONG TAPERS AND 12 FT CENTERS ALONG RADII
- VERTICAL PANEL WITH STEADY BURNING LIGHT 50 FT C-C
- TYPE III BARRICADES WITH FLASHING LIGHTS
- DIRECTION OF TRAFFIC



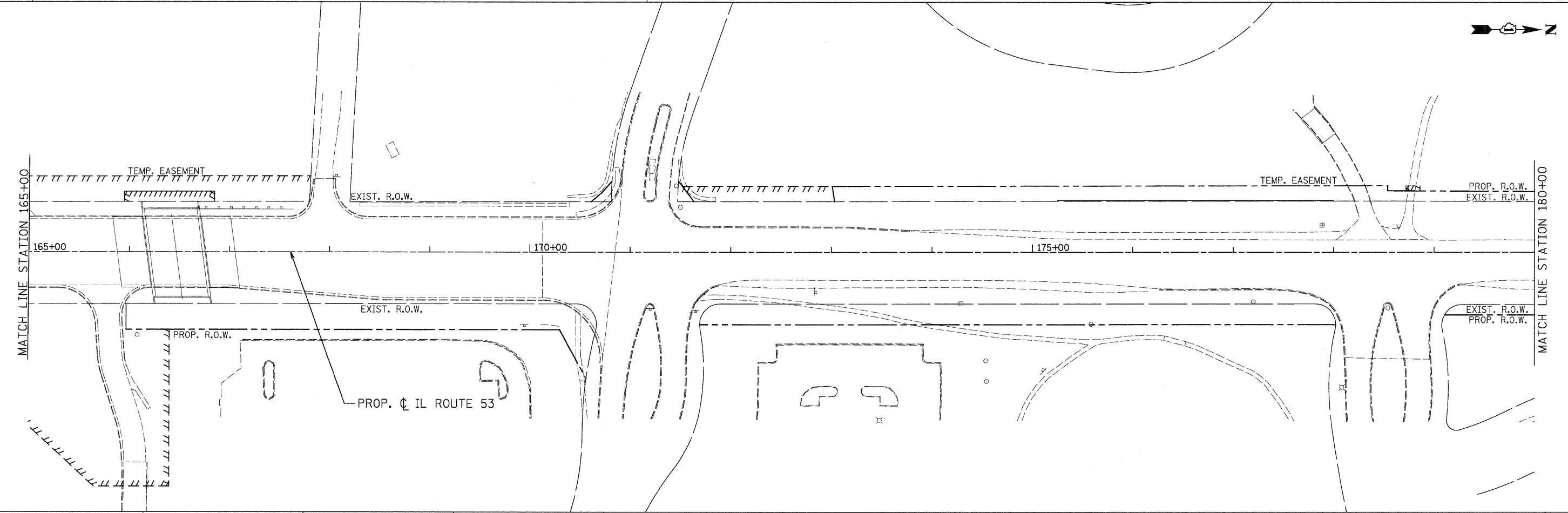
PATRICK ENGINEERING INC. 4970 VARSITY DRIVE LISLE, IL 60532 patrickengineering.com	USER NAME = ckersten@lisle-ri	DESIGNED - MJV	REVISED -	Illinois Department of Transportation	<b>ILLINOIS ROUTE 53</b> <b>SUGGESTED STAGES OF CONSTRUCTION &amp; TRAFFIC CONTROL</b> <b>STAGE 3 PHASE 1</b>		F.A.U. RTE. = 2578	SECTION = 532B	COUNTY = DUPAGE	TOTAL SHEETS = 781	SHEET NO. = 203	
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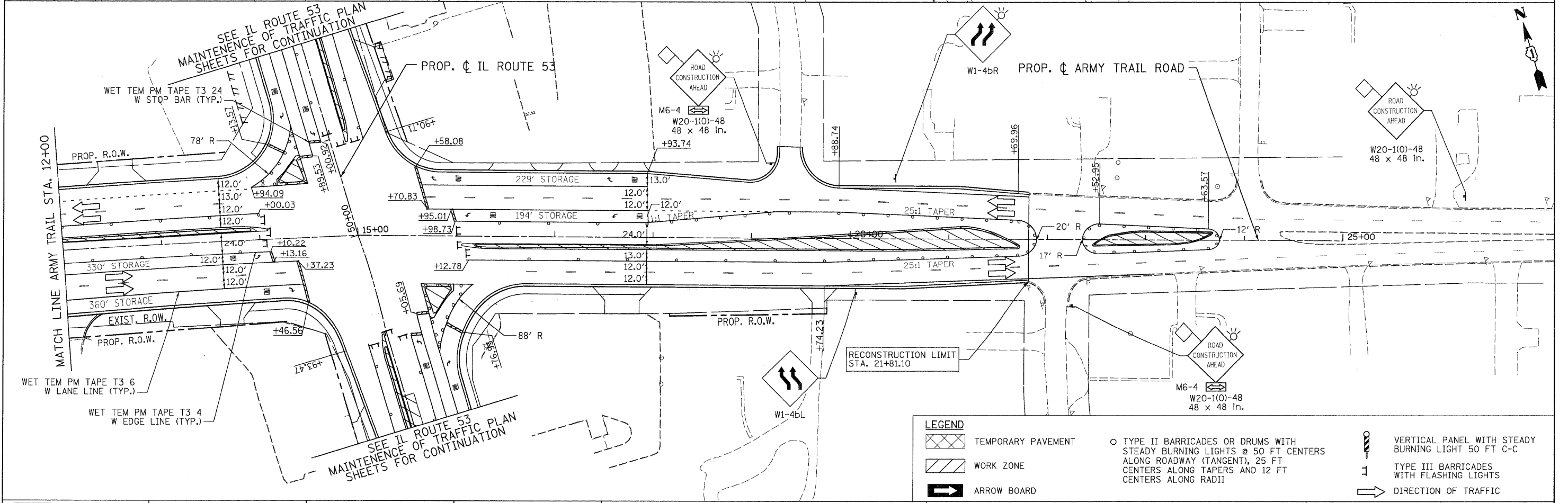
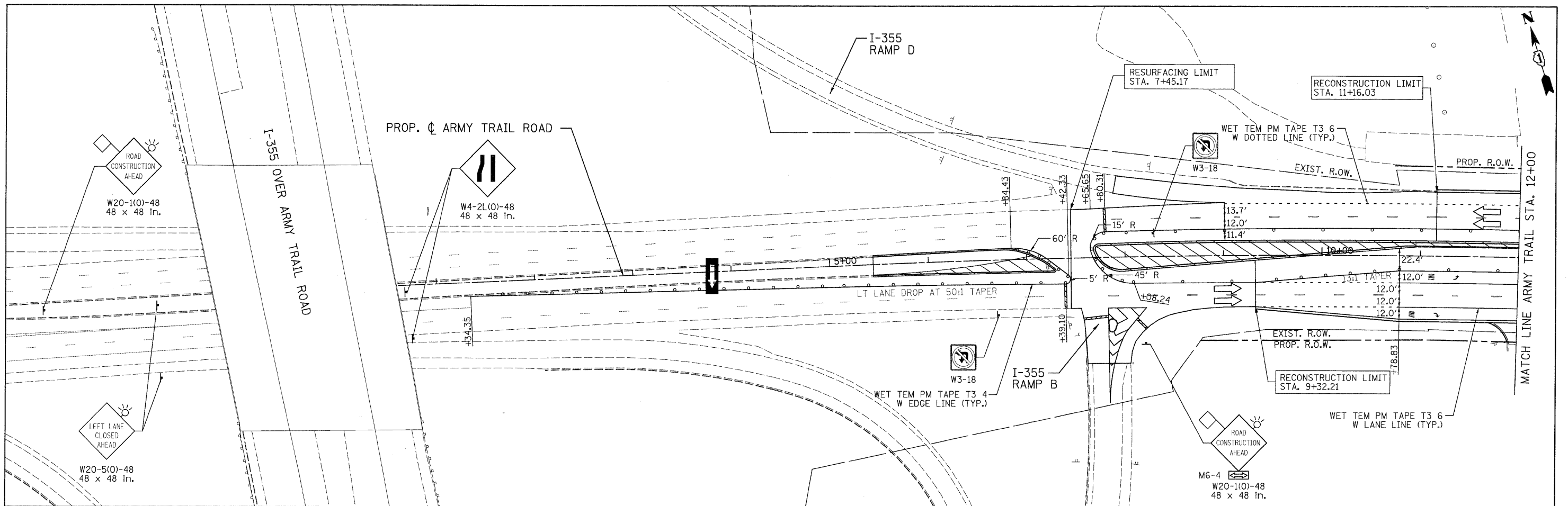
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	WORK ZONE		TYPE III BARRICADES WITH FLASHING LIGHTS		DIRECTION OF TRAFFIC
	ARROW BOARD				



PATRICK ENGINEERING INC. 4970 VARSITY DRIVE LISLE, IL 60632 patrickengineering.com	USER NAME = ckersten@lisle.ri PLOT CONFIG = PDF(Grey_Large).plt PLOT SCALE = 1:50 PLOT DATE = 12/3/2010	DESIGNED - MJV DRAWN - MJV CHECKED - JJC DATE - 12/3/2010	REVISED - REVISED - REVISED - REVISED -	Illinois Department of Transportation	<b>ILLINOIS ROUTE 53</b> <b>SUGGESTED STAGES OF CONSTRUCTION &amp; TRAFFIC CONTROL</b> <b>STAGE 3 PHASE 1</b>		F.A.U. RTE. 2578 SECTION 532B COUNTY DUPAGE TOTAL SHEETS 781 SHEET NO. 204	CONTRACT NO. 60477
	SCALE: 1"=50'    SHEET MOT-98 OF 136    STA. 150+00 TO STA. 180+00				FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT			

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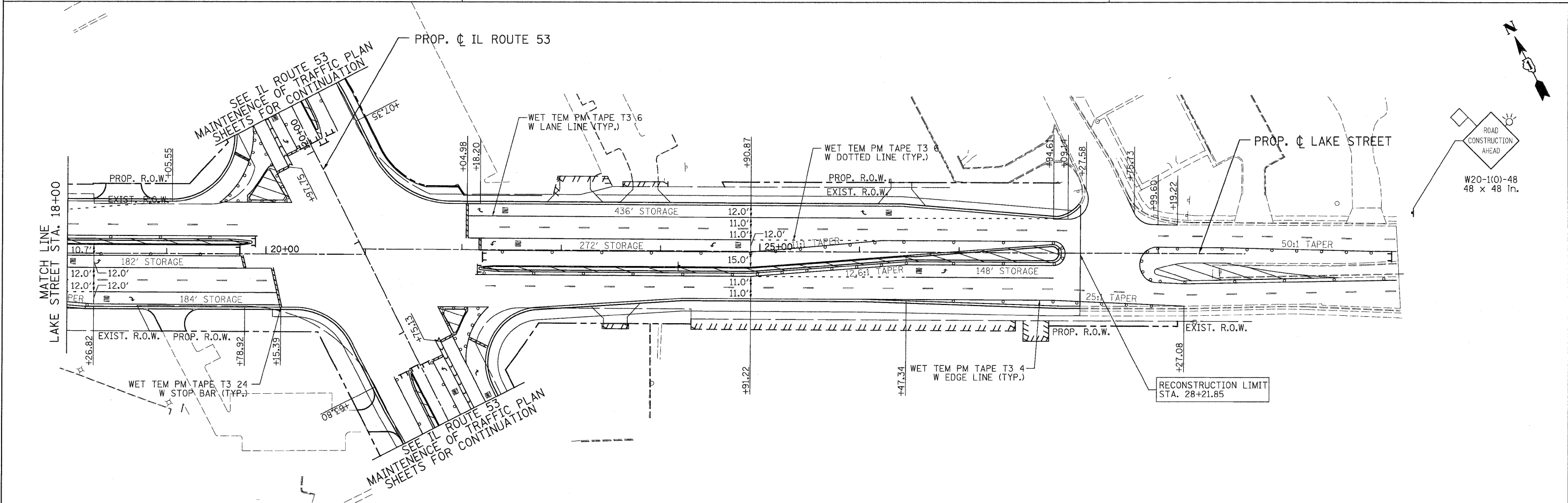
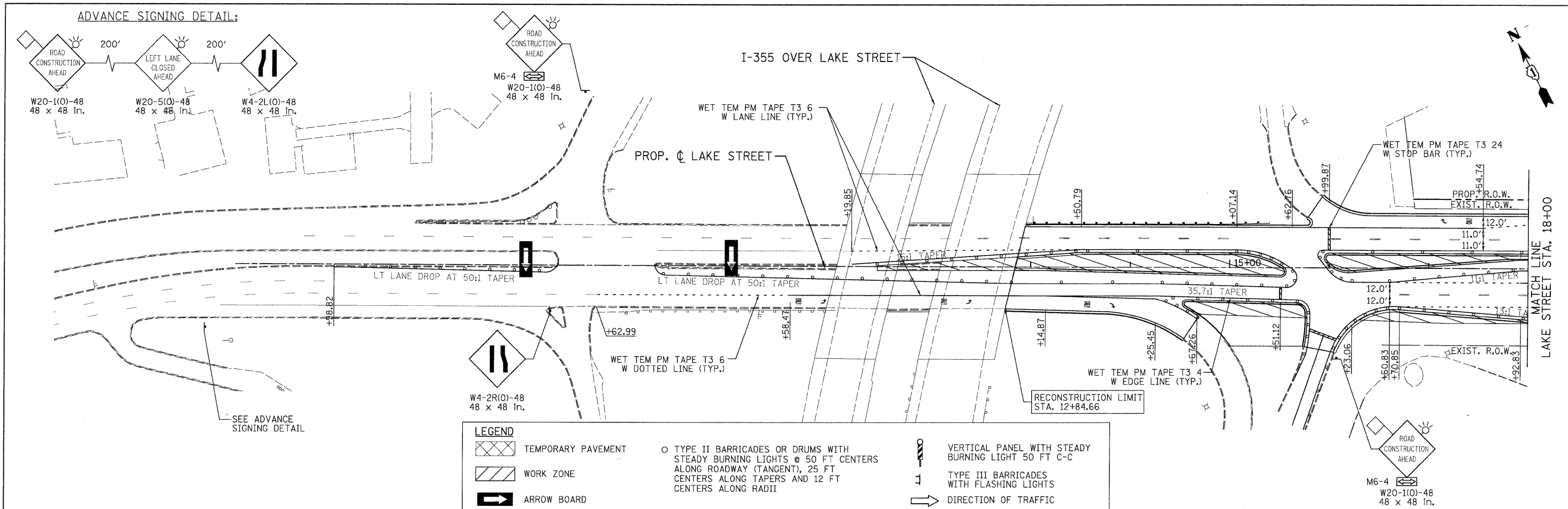


**LEGEND**

- TEMPORARY PAVEMENT
- WORK ZONE
- ARROW BOARD
- TYPE II BARRICADES OR DRUMS WITH STEADY BURNING LIGHTS @ 50 FT CENTERS ALONG ROADWAY (TANGENT), 25 FT CENTERS ALONG TAPERS AND 12 FT CENTERS ALONG RADII
- TYPE III BARRICADES WITH FLASHING LIGHTS
- DIRECTION OF TRAFFIC
- VERTICAL PANEL WITH STEADY BURNING LIGHT 50 FT C-C

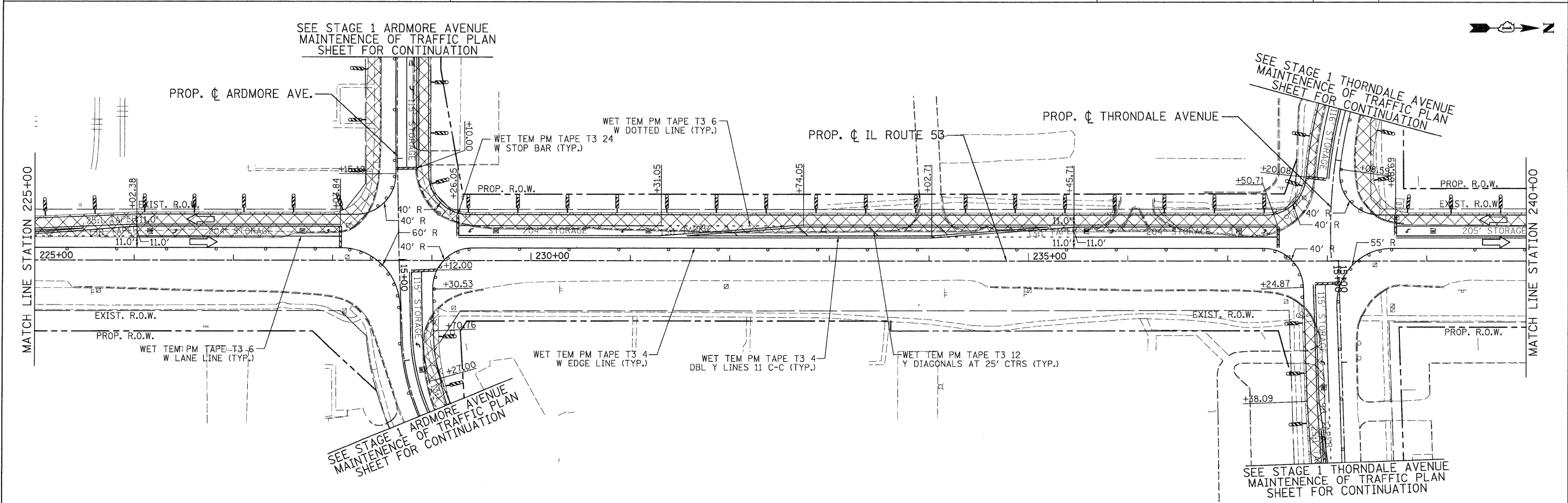
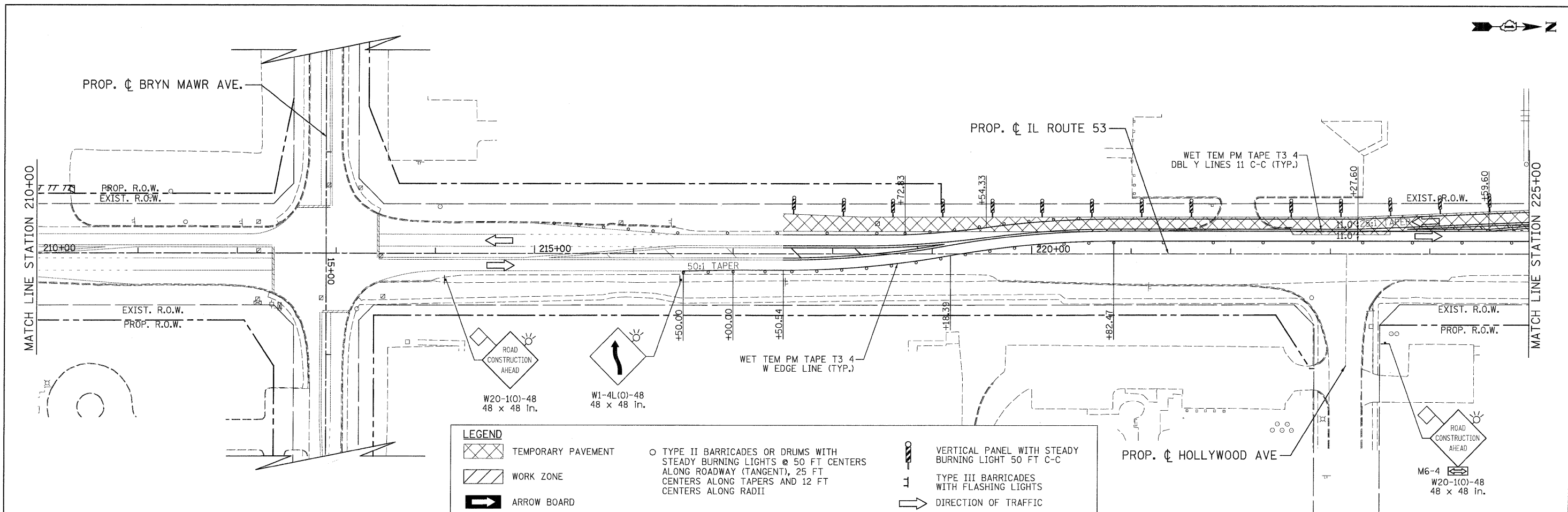
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	SCALE: 1"=50' SHEET MOT-99 OF 136 STA. TO STA.				FED. ROAD DIST. NO. [ILLINOIS] FED. AID PROJECT		

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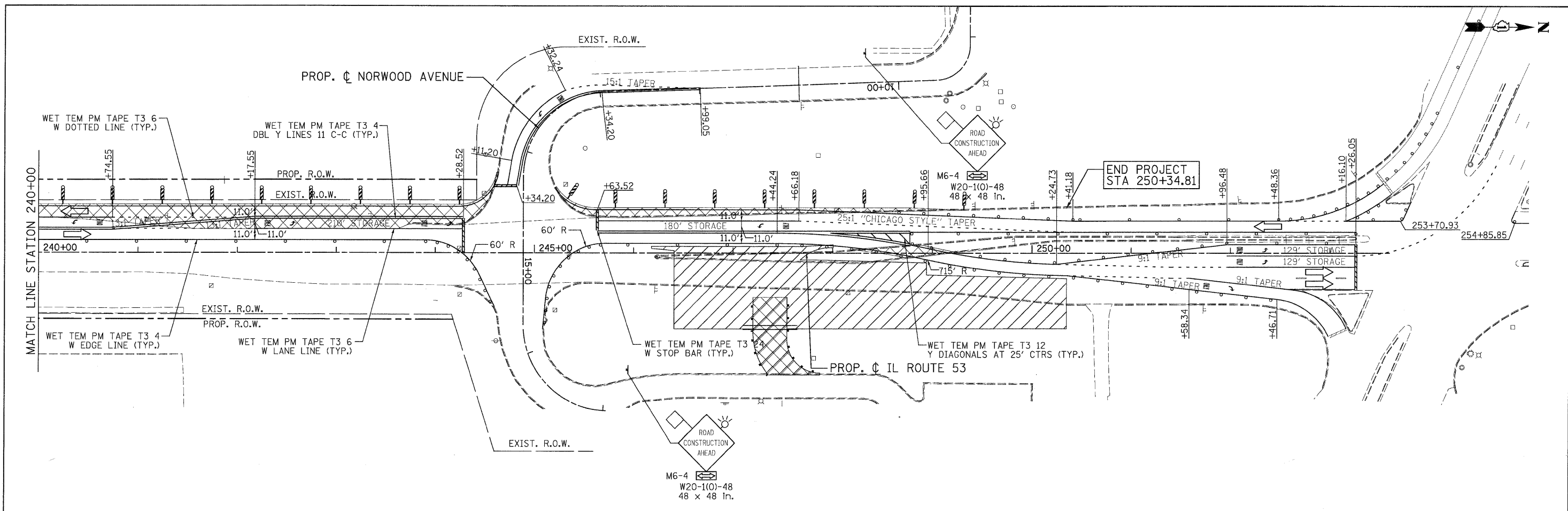
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	PLOT CONFIG = PDF(Grey, Large).plt	DRAWN - MJV	REVISED -				CONTRACT NO. 60477				
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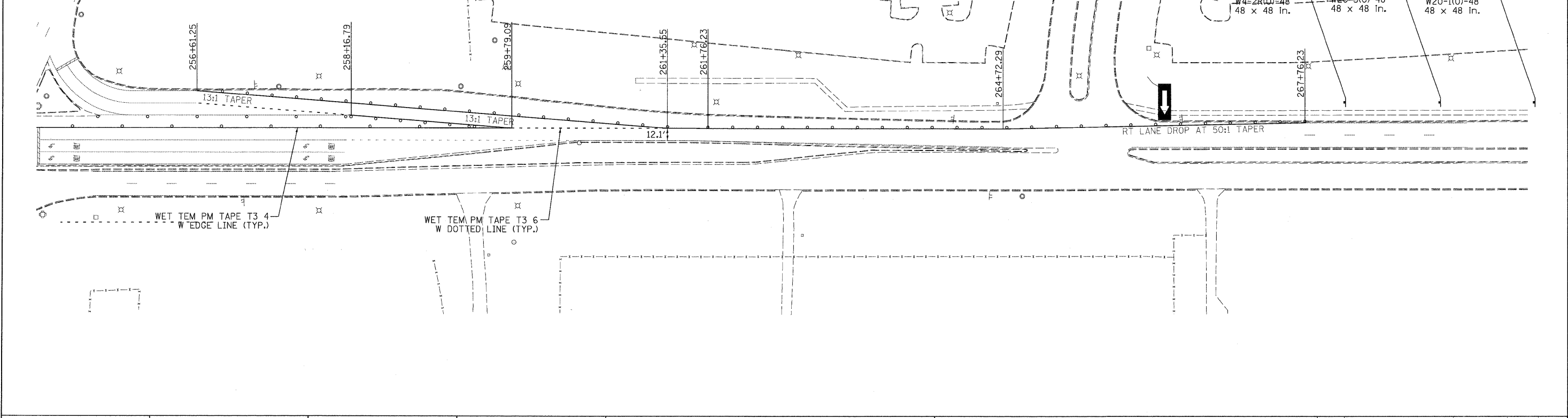
PATRICK ENGINEERING INC. 4970 VARSITY DRIVE LISLE, IL 60532 patrickengineering.com	USER NAME = ckersten(Lisle_R)	DESIGNED - MJV	REVISED -	Illinois Department of Transportation	<b>ILLINOIS ROUTE 53</b> <b>SUGGESTED STAGES OF CONSTRUCTION &amp; TRAFFIC CONTROL</b> <b>PRESTAGE PHASE 2</b>		F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	
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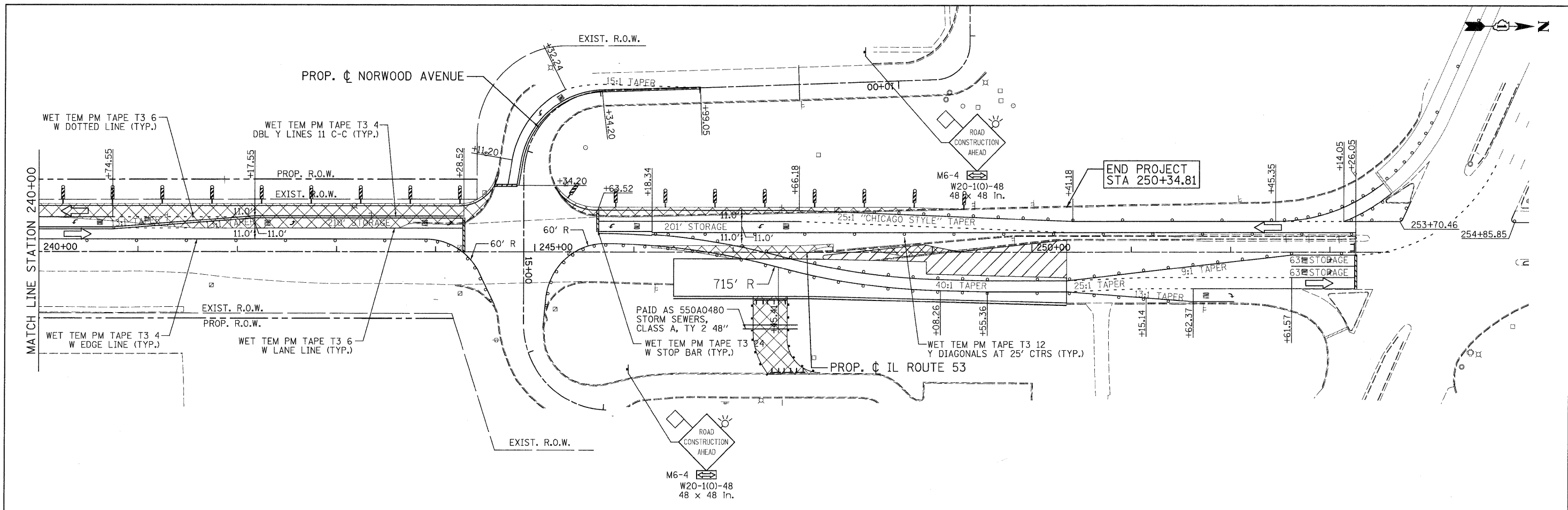
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	WORK ZONE		TYPE III BARRICADES WITH FLASHING LIGHTS		DIRECTION OF TRAFFIC
	ARROW BOARD				



 PATRICK ENGINEERING INC. 4970 VARSITY DRIVE LISLE, IL 60532 patrickengineering.com	USER NAME = akersten(Lisle.R) PLOT CONFIG = PDF(Grey, Large).plt PLOT SCALE = 1:50 PLOT DATE = 12/3/2010	DESIGNED - MJV DRAWN - MJV CHECKED - JJC DATE - 12/3/2010	REVISED - REVISED - REVISED - REVISED -	 Illinois Department of Transportation	<b>ILLINOIS ROUTE 53</b> <b>SUGGESTED STAGES OF CONSTRUCTION &amp; TRAFFIC CONTROL</b> <b>PRESTAGE SUB-STAGE 1 PHASE 2</b>		F.A.U. RTE. 2578 SECTION 532B COUNTY DUPAGE TOTAL SHEETS 781 SHEET NO. 208	CONTRACT NO. 60477
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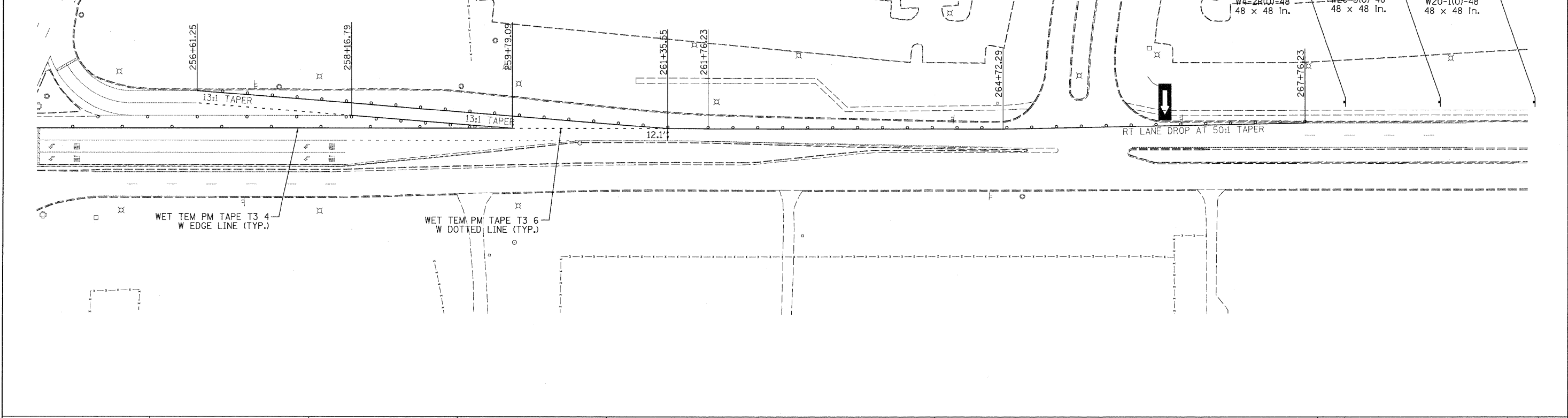
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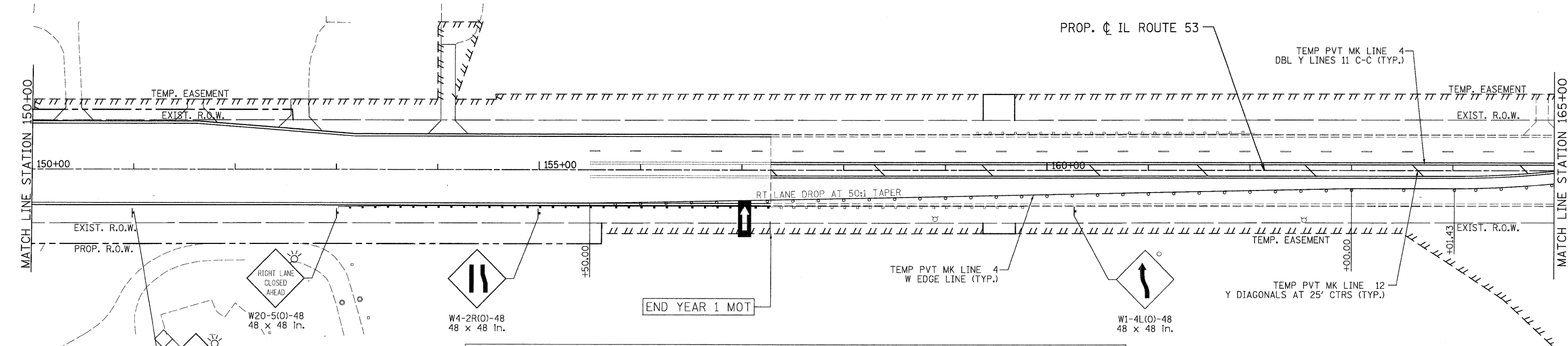
**LEGEND**

TEMPORARY PAVEMENT	TYPE II BARRICADES OR DRUMS WITH STEADY BURNING LIGHTS @ 50 FT CENTERS ALONG ROADWAY (TANGENT), 25 FT CENTERS ALONG TAPERS AND 12 FT CENTERS ALONG RADII	VERTICAL PANEL WITH STEADY BURNING LIGHT 50 FT C-C
WORK ZONE	TYPE III BARRICADES WITH FLASHING LIGHTS	DIRECTION OF TRAFFIC
ARROW BOARD		



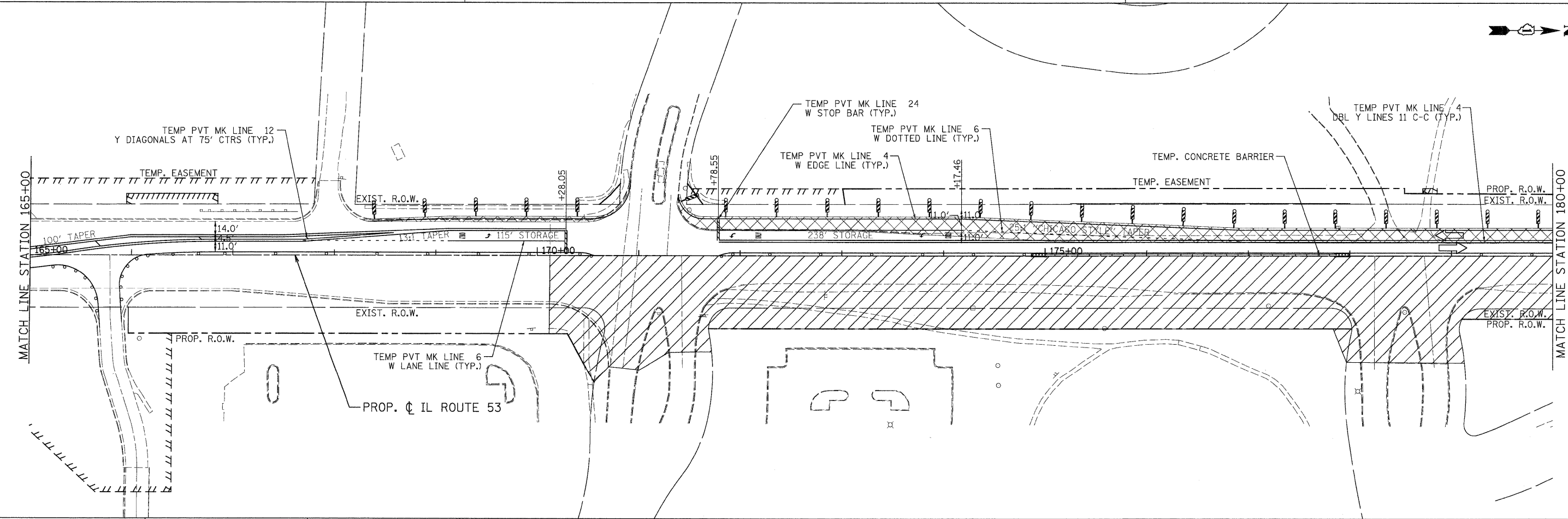
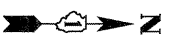
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	SCALE: 1"=50' SHEET MOT-103 OF 136 STA. 240+00 TO STA.		FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT				

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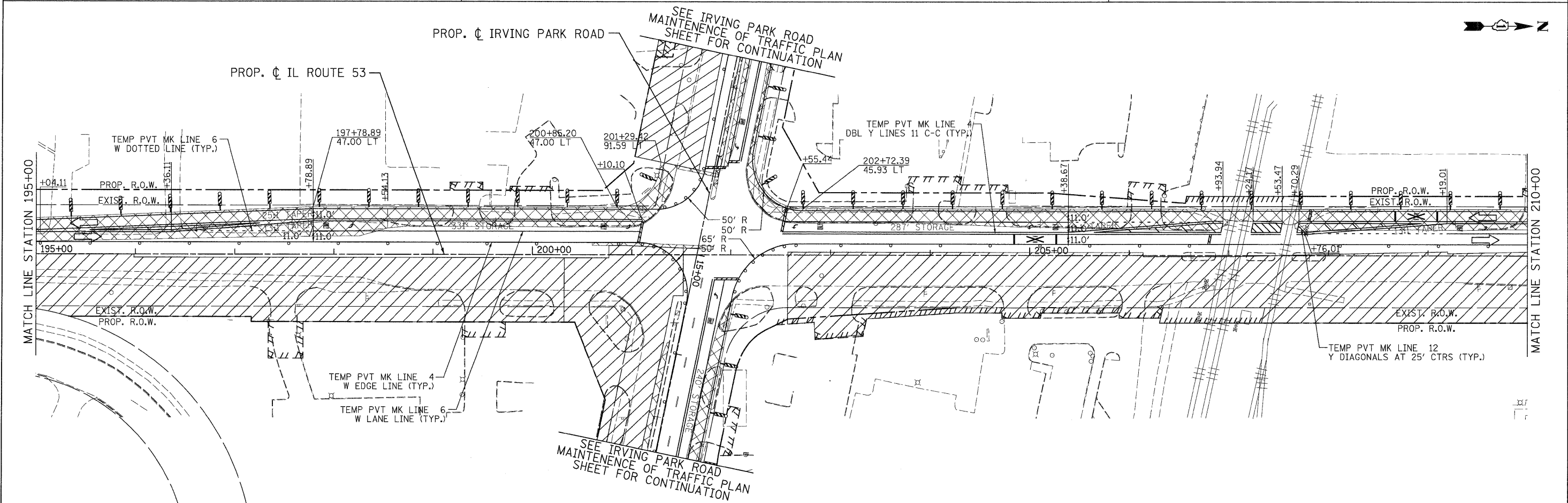
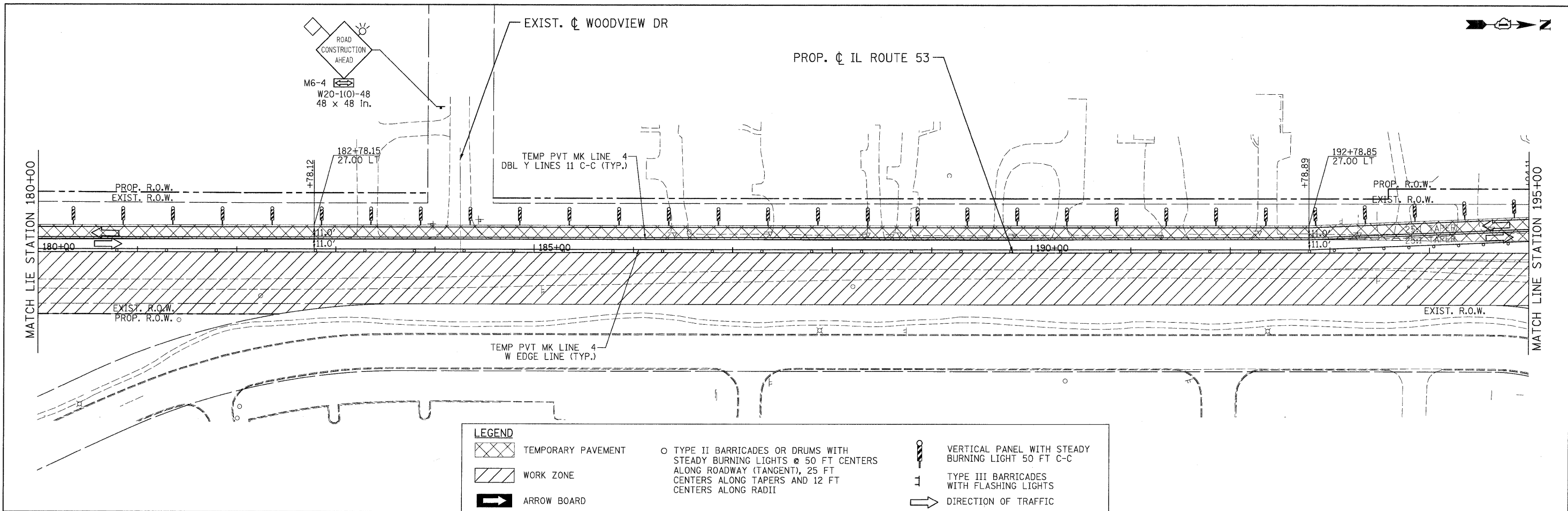
**LEGEND**

- TEMPORARY PAVEMENT
- WORK ZONE
- ARROW BOARD
- TYPE II BARRICADES OR DRUMS WITH STEADY BURNING LIGHTS @ 50 FT CENTERS ALONG ROADWAY (TANGENT), 25 FT CENTERS ALONG TAPERS AND 12 FT CENTERS ALONG RADII
- VERTICAL PANEL WITH STEADY BURNING LIGHT 50 FT C-C
- TYPE III BARRICADES WITH FLASHING LIGHTS
- DIRECTION OF TRAFFIC



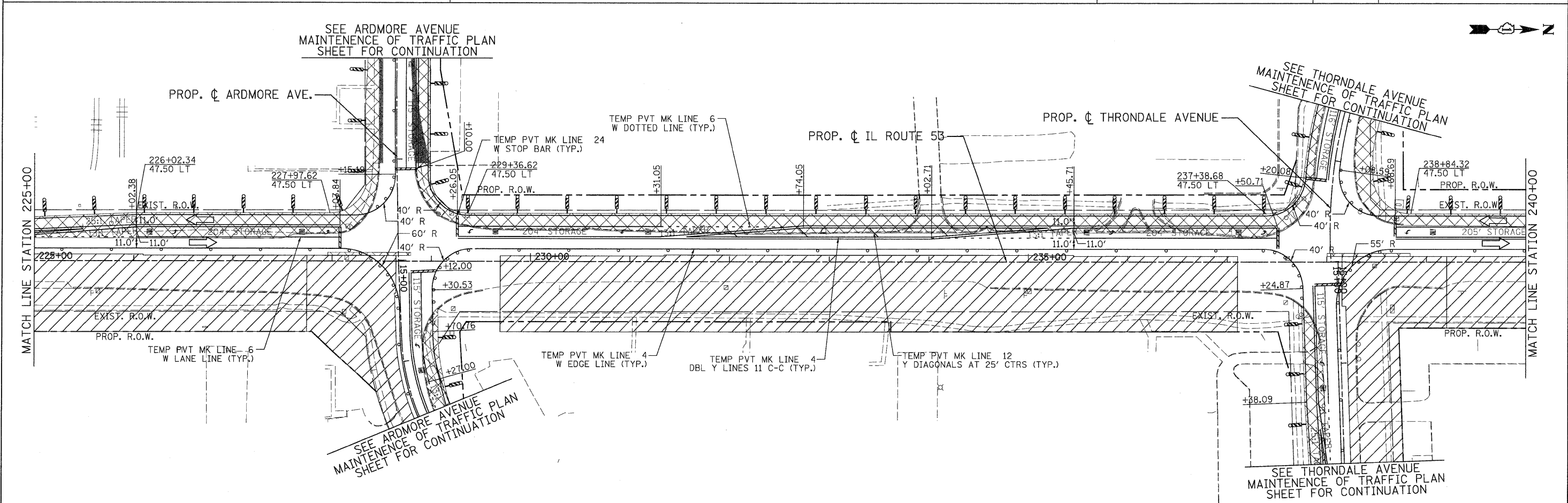
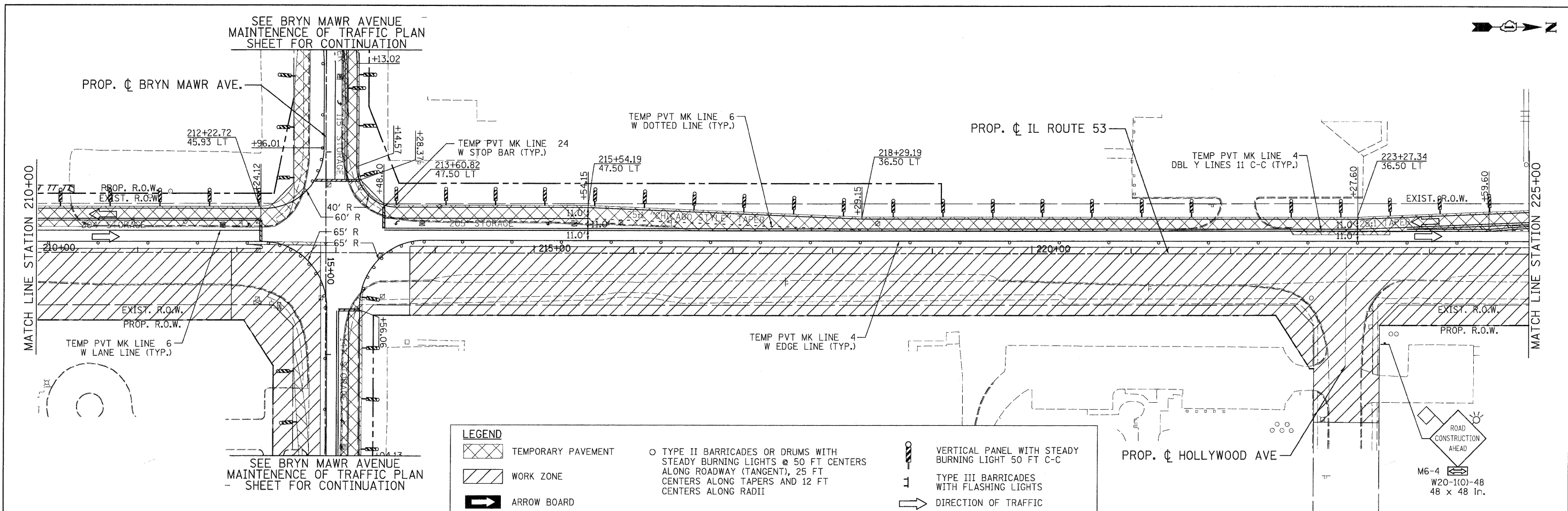
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	SCALE: 1"=50'    SHEET MOT-104 OF 136    STA. 150+00 TO STA. 180+00											

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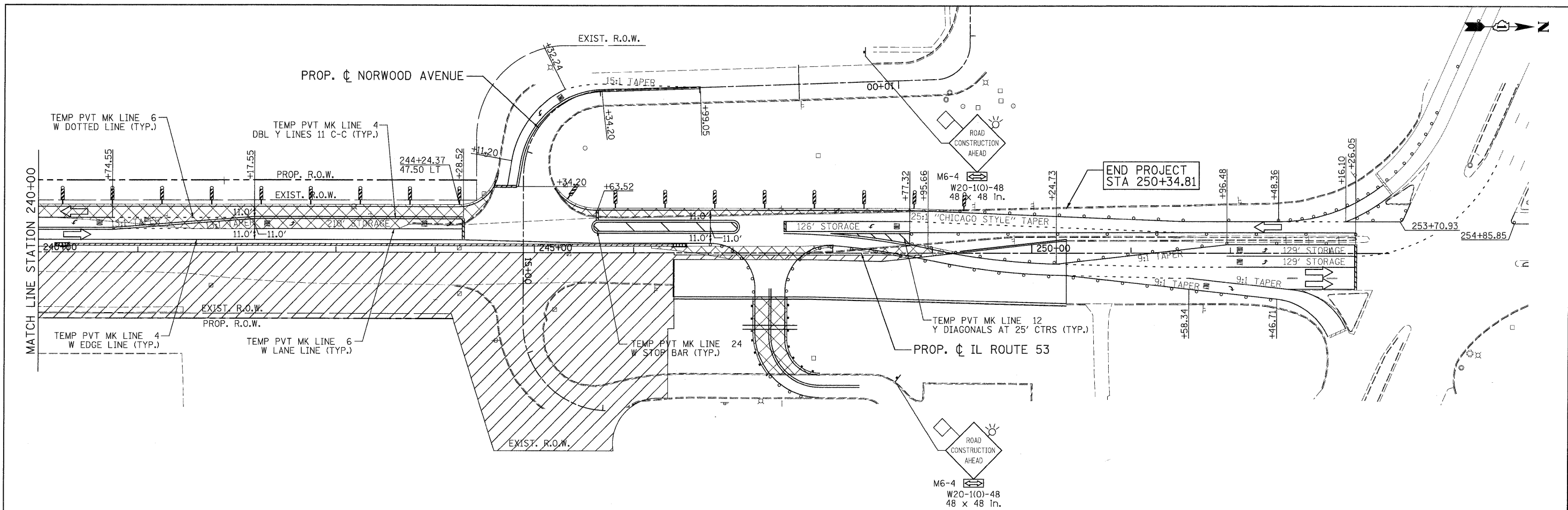
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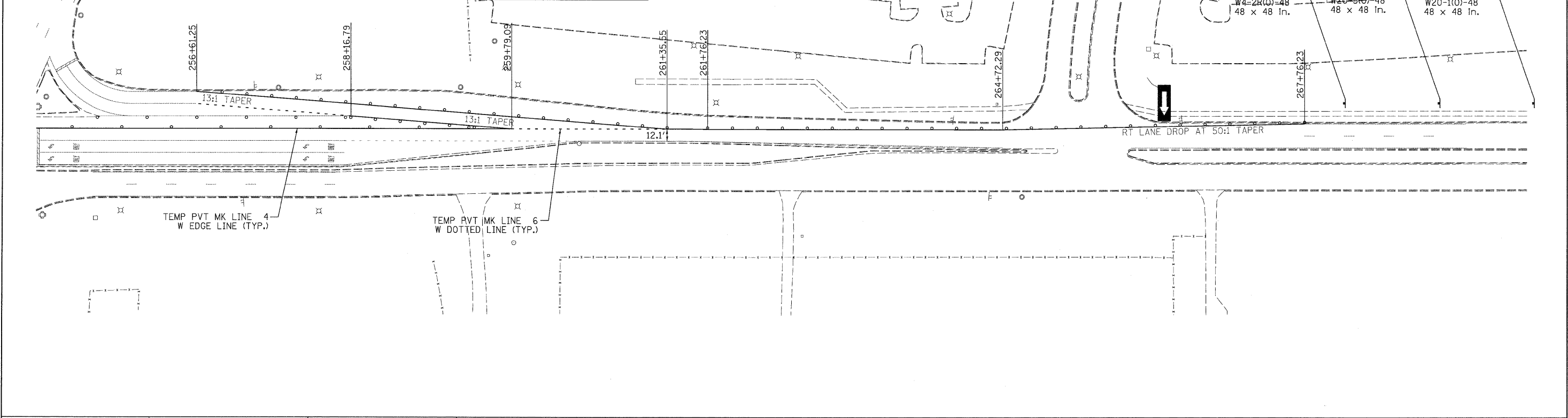
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	SCALE: 1"=50' SHEET MOT-106 OF 136 STA. 210+00 TO STA. 240+00				FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT CONTRACT NO. 60477		

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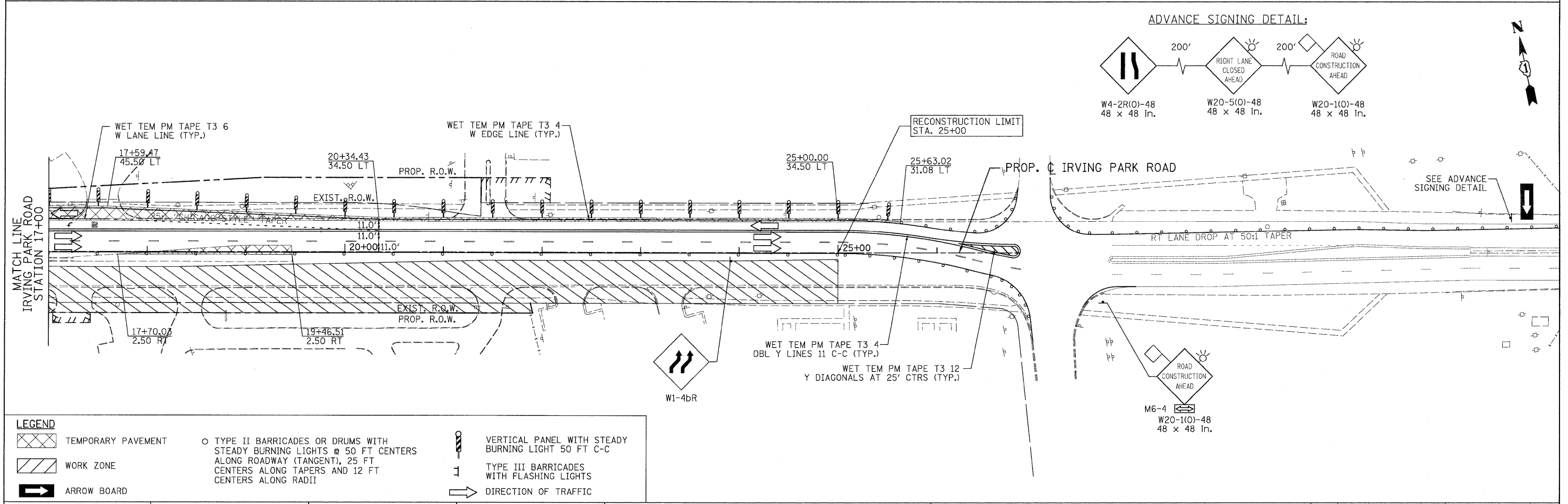
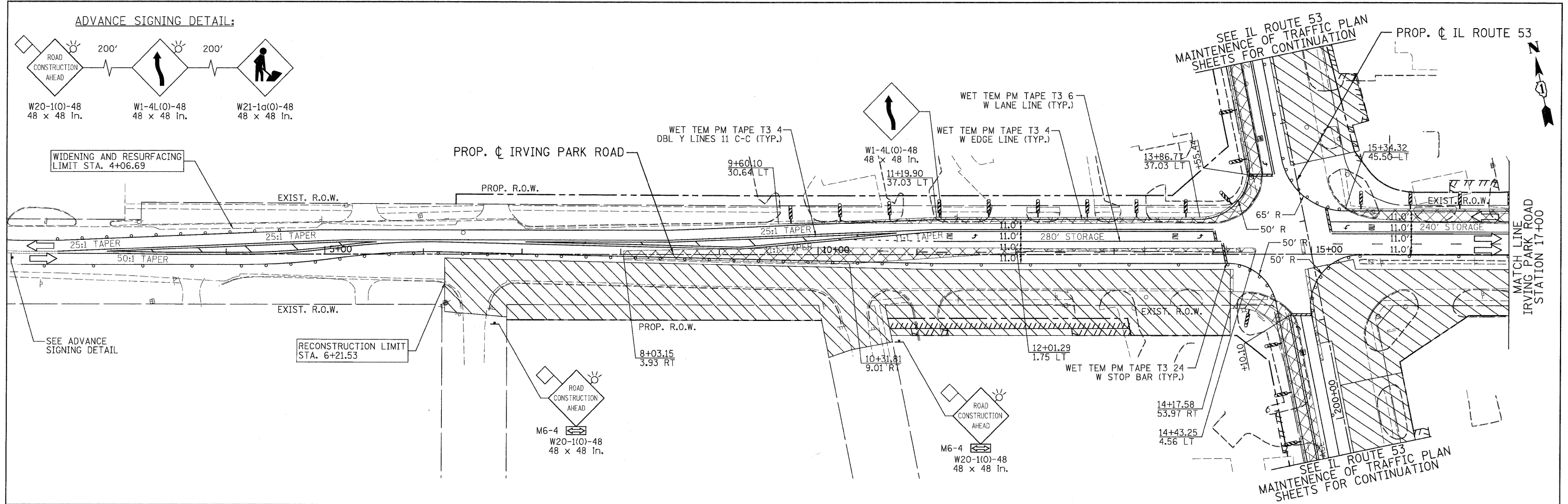
**LEGEND**

TEMPORARY PAVEMENT	TYPE II BARRICADES OR DRUMS WITH STEADY BURNING LIGHTS @ 50 FT CENTERS ALONG ROADWAY (TANGENT), 25 FT CENTERS ALONG TAPERS AND 12 FT CENTERS ALONG RADII	VERTICAL PANEL WITH STEADY BURNING LIGHT 50 FT C-C
WORK ZONE	ARROW BOARD	TYPE III BARRICADES WITH FLASHING LIGHTS
ARROW BOARD		DIRECTION OF TRAFFIC



PATRICK ENGINEERING INC. 4970 VARSITY DRIVE LISLE, IL 60532 patrickengineering.com	USER NAME = ckersten@lisle.R PLOT CONFIG = PDF(Grey-Large).plt PLOT SCALE = 1:50 PLOT DATE = 12/3/2010	DESIGNED - MJV DRAWN - MJV CHECKED - JJC DATE - 12/3/2010	REVISED - REVISED - REVISED - REVISED -	Illinois Department of Transportation	<b>ILLINOIS ROUTE 53</b> <b>SUGGESTED STAGES OF CONSTRUCTION &amp; TRAFFIC CONTROL</b> <b>STAGE 1 PHASE 2</b>			F.A.U. RTE. 2578 SECTION 532B COUNTY DUPAGE TOTAL SHEETS 781 SHEET NO. 213 CONTRACT NO. 60477
	SCALE: 1"=50' SHEET MOT-107 OF 136 STA. 240+00 TO STA.				FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT			

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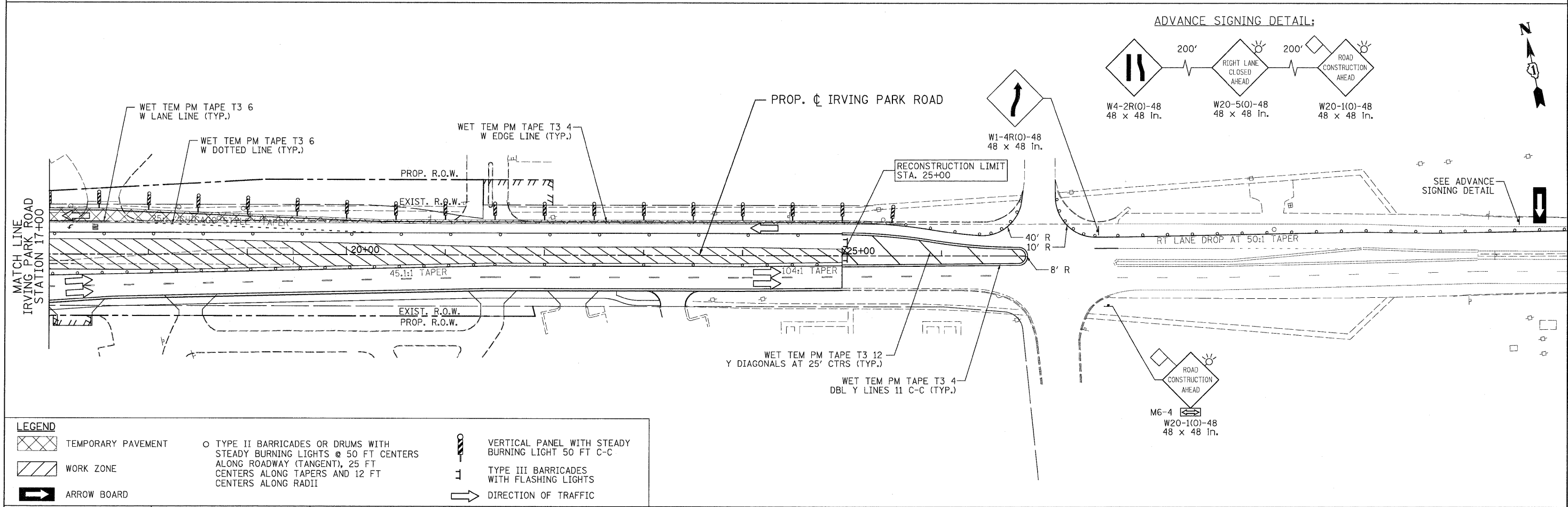
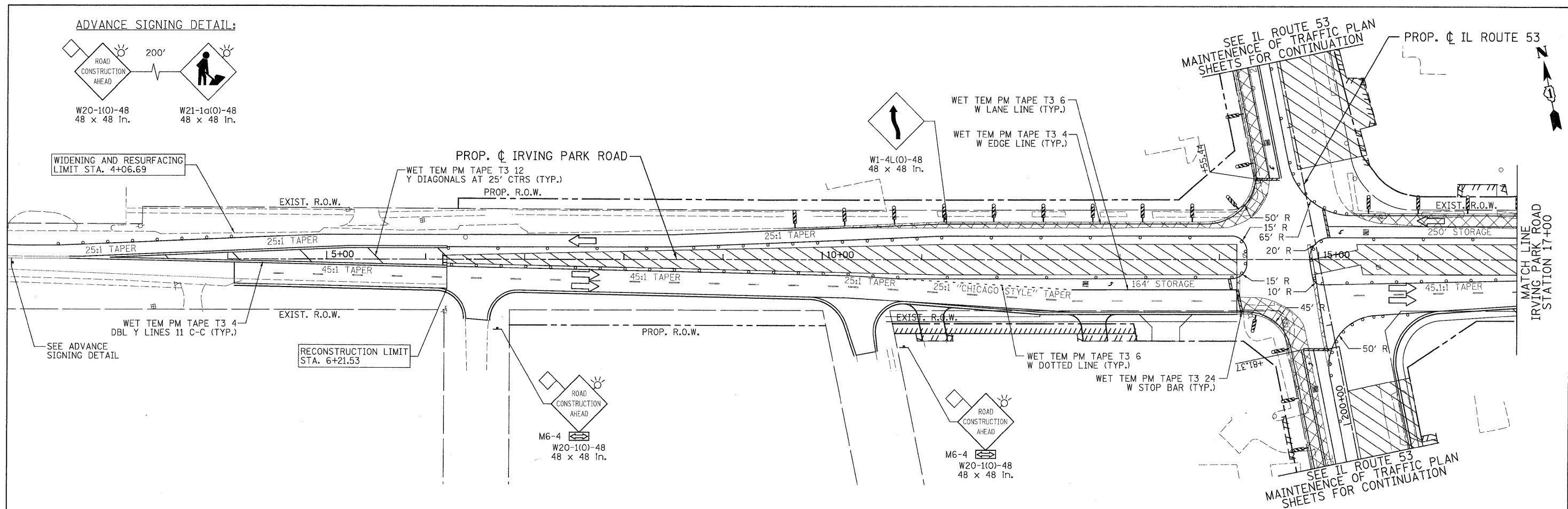


**LEGEND**

	TEMPORARY PAVEMENT		TYPE II BARRICADES OR DRUMS WITH STEADY BURNING LIGHTS @ 50 FT CENTERS ALONG ROADWAY (TANGENT), 25 FT CENTERS ALONG TAPERS AND 12 FT CENTERS ALONG RADII		VERTICAL PANEL WITH STEADY BURNING LIGHT 50 FT C-C
	WORK ZONE		TYPE III BARRICADES WITH FLASHING LIGHTS		DIRECTION OF TRAFFIC
	ARROW BOARD				

PATRICK ENGINEERING INC. 4970 VARSITY DRIVE LISLE, IL 60532 patrickengineering.com	USER NAME = akersten(Lisle_R) PLOT CONFIG = PDF(Grey_Large).plt PLOT SCALE = 1:50 PLOT DATE = 12/3/2012	DESIGNED - MJV DRAWN - MJV CHECKED - JJC DATE - 12/3/2010	REVISED - REVISED - REVISED - REVISED -	Illinois Department of Transportation	<b>IRVING PARK ROAD</b> <b>SUGGESTED STAGES OF CONSTRUCTION &amp; TRAFFIC CONTROL</b> <b>STAGE 1 SUB-STAGE 1 PHASE 2</b>	F.A. RTE. 2578 SECTION 532B COUNTY DUPAGE TOTAL SHEETS 781 SHEET NO. 214 CONTRACT NO. 60477
	SCALE: 1"=50' SHEET MOT-108 OF 136 STA. 4+44.45 TO STA. 24+45.00		FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT			

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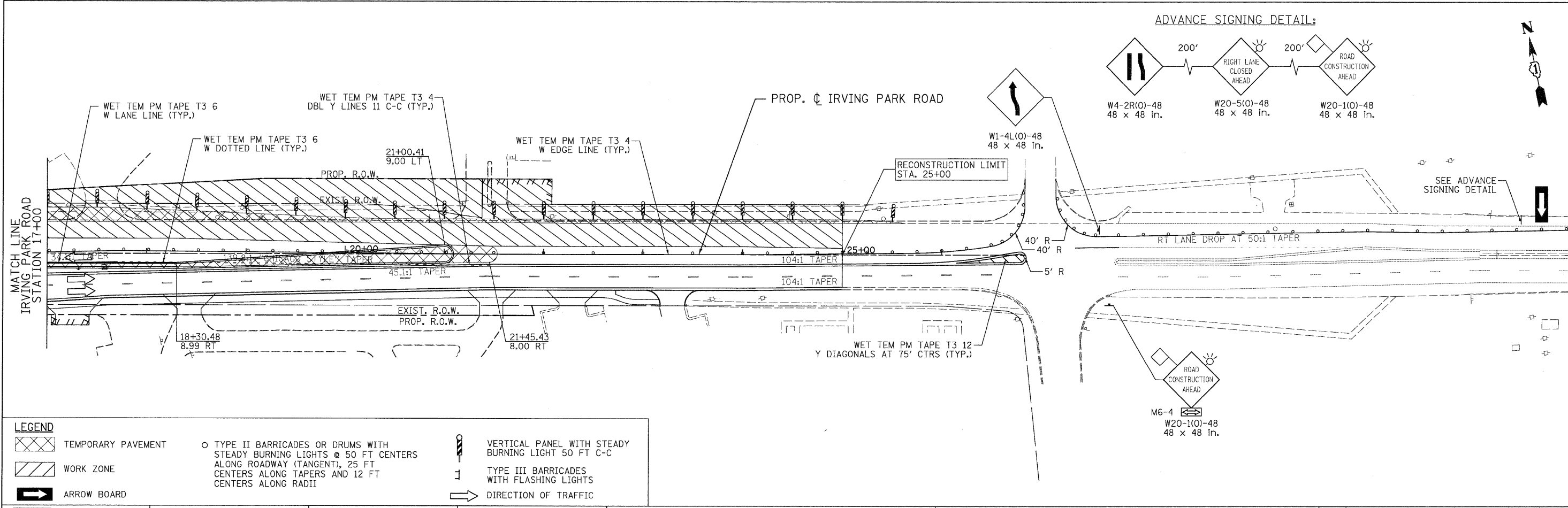
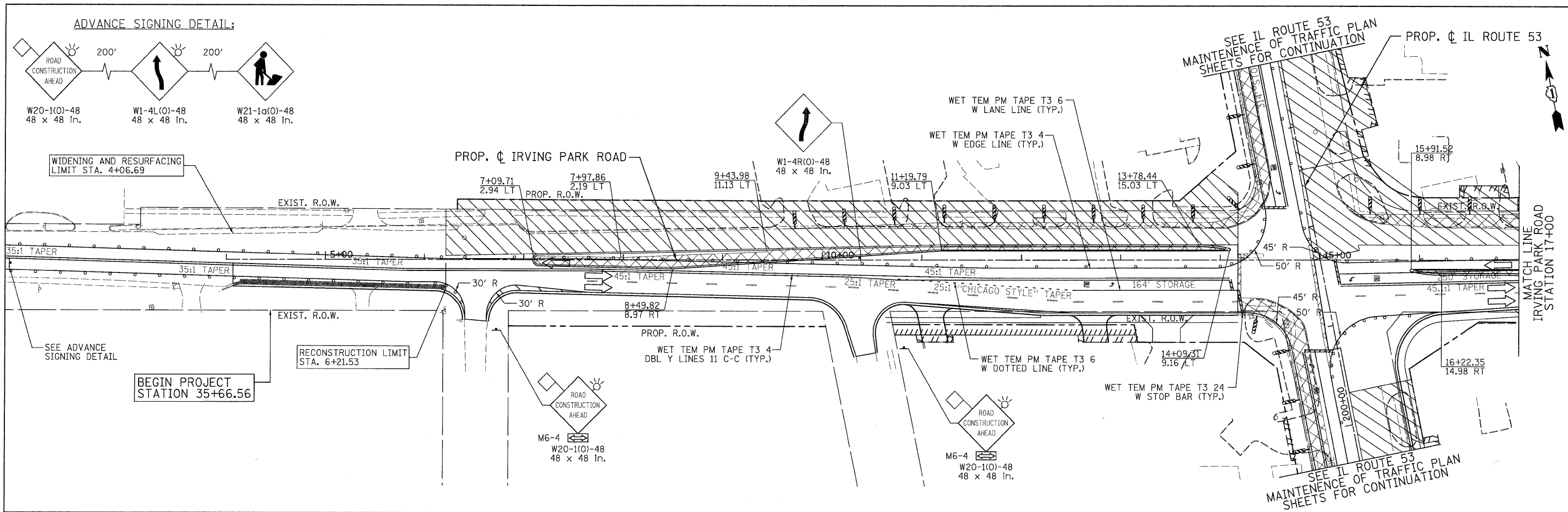


**LEGEND**

	TEMPORARY PAVEMENT		TYPE II BARRICADES OR DRUMS WITH STEADY BURNING LIGHTS @ 50 FT CENTERS ALONG ROADWAY (TANGENT), 25 FT CENTERS ALONG TAPERS AND 12 FT CENTERS ALONG RADII		VERTICAL PANEL WITH STEADY BURNING LIGHT 50 FT C-C
	WORK ZONE		TYPE III BARRICADES WITH FLASHING LIGHTS		DIRECTION OF TRAFFIC

	PATRICK ENGINEERING INC. 4970 VARSITY DRIVE LISLE, IL 60532 patrickengineering.com	USER NAME = akersten(Lisle.R) PLOT CONFIG = PDF(Grey, Large).plt PLOT SCALE = 1:50 PLOT DATE = 12/3/2010	DESIGNED - MJV DRAWN - MJV CHECKED - JJC DATE - 12/3/2010	REVISED - REVISED - REVISED - REVISED -		IRVING PARK ROAD SUGGESTED STAGES OF CONSTRUCTION & TRAFFIC CONTROL STAGE 1 SUB-STAGE 2 PHASE 2	F.A. RTE. 2578 SECTION 532B COUNTY DUPAGE TOTAL SHEETS 781 CONTRACT NO. 60477	TOTAL SHEET NO. 215 CONTRACT NO. 60477
	SCALE: 1"=50'		SHEET MOT-109 OF 136		STA. 4+44.45 TO STA. 24+45.00		FED. ROAD DIST. NO. [ILLINOIS] FED. AID PROJECT	

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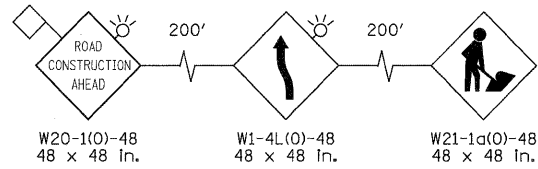
	TEMPORARY PAVEMENT		TYPE II BARRICADES OR DRUMS WITH STEADY BURNING LIGHTS @ 50 FT CENTERS ALONG ROADWAY (TANGENT), 25 FT CENTERS ALONG TAPERS AND 12 FT CENTERS ALONG RADII		VERTICAL PANEL WITH STEADY BURNING LIGHT 50 FT C-C
	WORK ZONE		TYPE III BARRICADES WITH FLASHING LIGHTS		DIRECTION OF TRAFFIC
	ARROW BOARD				

PATRICK ENGINEERING INC. 4970 VARSITY DRIVE LISLE, IL 60532 patrickengineering.com	USER NAME = ckersten\lisle_rj PLOT CONFIG = PDFIG-ey_Large.plt PLOT SCALE = 1:50 PLOT DATE = 12/3/2018	DESIGNED - MJV DRAWN - MJV CHECKED - JJC DATE - 12/3/2010	REVISED - REVISED - REVISED - REVISED -	Illinois Department of Transportation	<b>IRVING PARK ROAD</b> <b>SUGGESTED STAGES OF CONSTRUCTION &amp; TRAFFIC CONTROL</b> <b>STAGE 1 SUB-STAGE 3 PHASE 2</b>		F.A. RTE. 2578 SECTION 532B COUNTY DUPAGE TOTAL SHEETS 781 SHEET NO. 216	CONTRACT NO. 60477
	SCALE: 1"=50' SHEET MOT-110 OF 136 STA. 4+44.45 TO STA. 24+45.00		FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT					

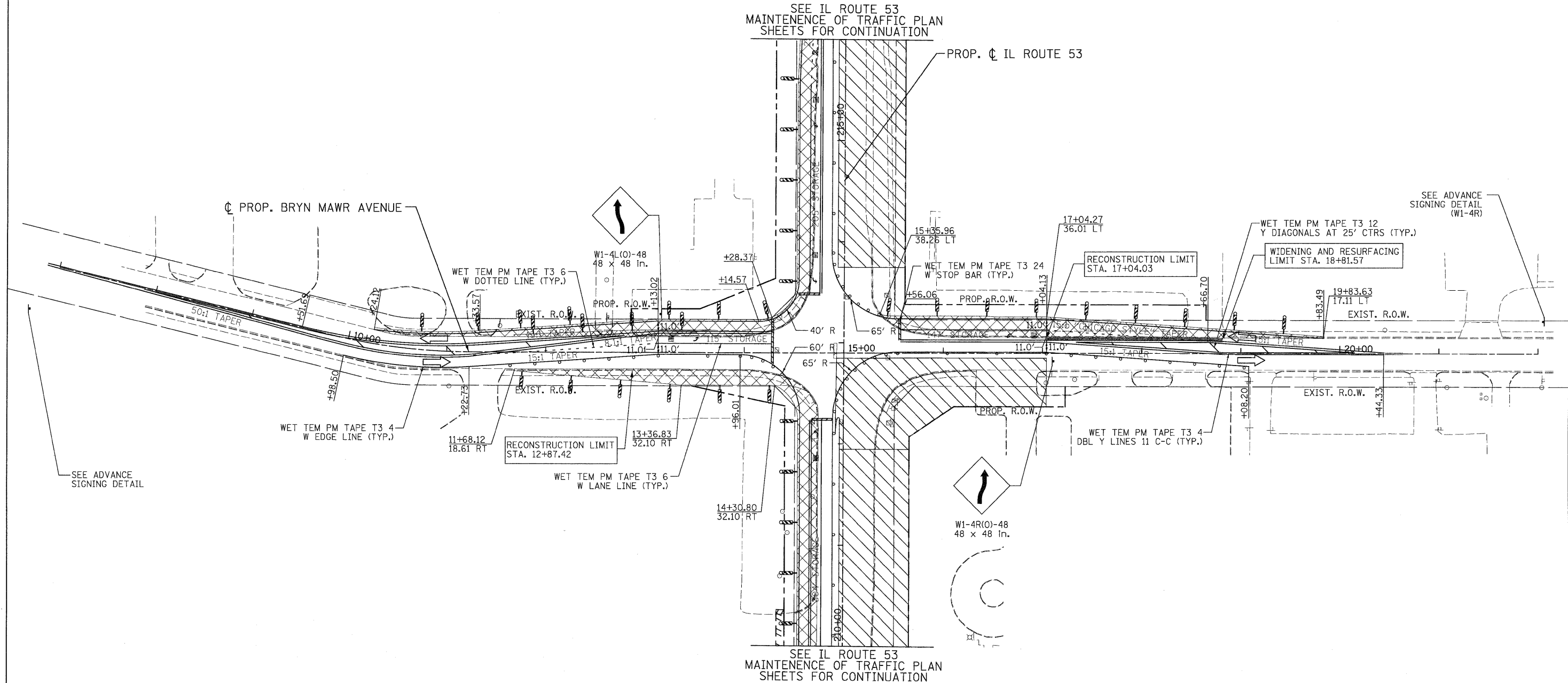
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ADVANCE SIGNING DETAIL:



SEE IL ROUTE 53  
MAINTENANCE OF TRAFFIC PLAN  
SHEETS FOR CONTINUATION



SEE IL ROUTE 53  
MAINTENANCE OF TRAFFIC PLAN  
SHEETS FOR CONTINUATION

LEGEND

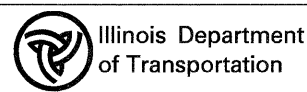
- TEMPORARY PAVEMENT
- WORK ZONE
- ARROW BOARD
- TYPE II BARRICADES OR DRUMS WITH STEADY BURNING LIGHTS @ 50 FT CENTERS ALONG ROADWAY (TANGENT), 25 FT CENTERS ALONG TAPERS AND 12 FT CENTERS ALONG RADII
- VERTICAL PANEL WITH STEADY BURNING LIGHT 50 FT C-C
- TYPE III BARRICADES WITH FLASHING LIGHTS
- DIRECTION OF TRAFFIC

**PATRICK ENGINEERING INC.**  
4970 VARSITY DRIVE  
LISLE, IL 60532  
patrickengineering.com

USER NAME = okersten@lisle-ri  
PLOT CONFIG = PDF(Grey, Large).plt  
PLOT SCALE = 1/8"=1'-0"  
PLOT DATE = 12/3/2010

DESIGNED - MJV  
DRAWN - MJV  
CHECKED - JJC  
DATE - 12/3/2010

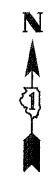
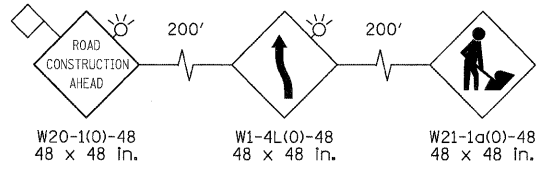
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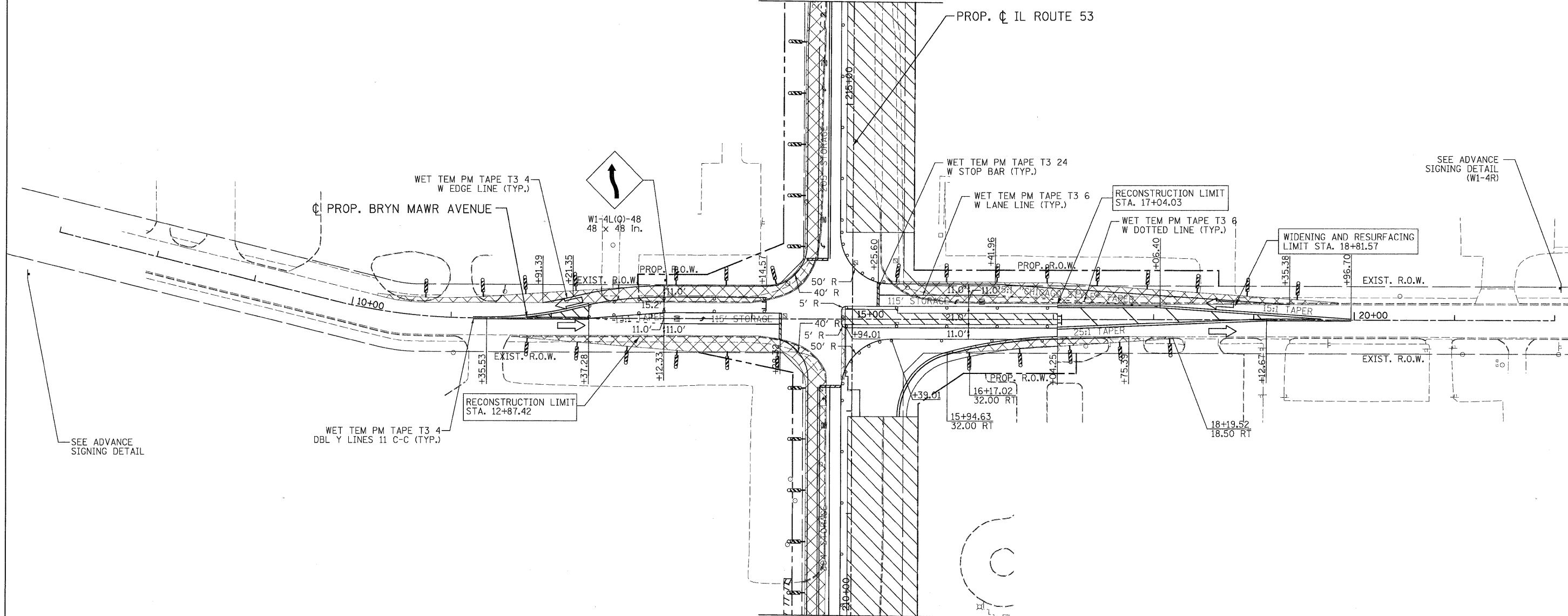
**BRYN MAWR AVENUE**  
**SUGGESTED STAGES OF CONSTRUCTION & TRAFFIC CONTROL**  
**STAGE 1 SUB-STAGE 1 PHASE 2**

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2578	532B	DUPAGE	781	217
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT			CONTRACT NO. 60477	

ADVANCE SIGNING DETAIL:



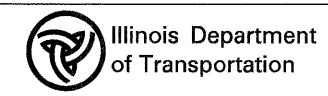
SEE IL ROUTE 53  
MAINTENANCE OF TRAFFIC PLAN  
SHEETS FOR CONTINUATION



SEE IL ROUTE 53  
MAINTENANCE OF TRAFFIC PLAN  
SHEETS FOR CONTINUATION

LEGEND			
	TEMPORARY PAVEMENT		TYPE II BARRICADES OR DRUMS WITH STEADY BURNING LIGHTS @ 50 FT CENTERS ALONG ROADWAY (TANGENT), 25 FT CENTERS ALONG TAPERS AND 12 FT CENTERS ALONG RADII
	WORK ZONE		VERTICAL PANEL WITH STEADY BURNING LIGHT 50 FT C-C
	ARROW BOARD		TYPE III BARRICADES WITH FLASHING LIGHTS
			DIRECTION OF TRAFFIC

 PATRICK ENGINEERING INC. 4970 VARSITY DRIVE LISLE, IL 60532 patrickengineering.com	USER NAME = akerster(Lisle_R)	DESIGNED - MJV	REVISED -
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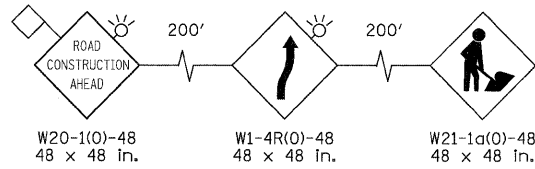


BRYN MAWR AVENUE SUGGESTED STAGES OF CONSTRUCTION & TRAFFIC CONTROL STAGE 1 SUB-STAGE 2 PHASE 2			
SCALE: 1"=50'	SHEET	MOT-112 OF 136	STA. TO STA.

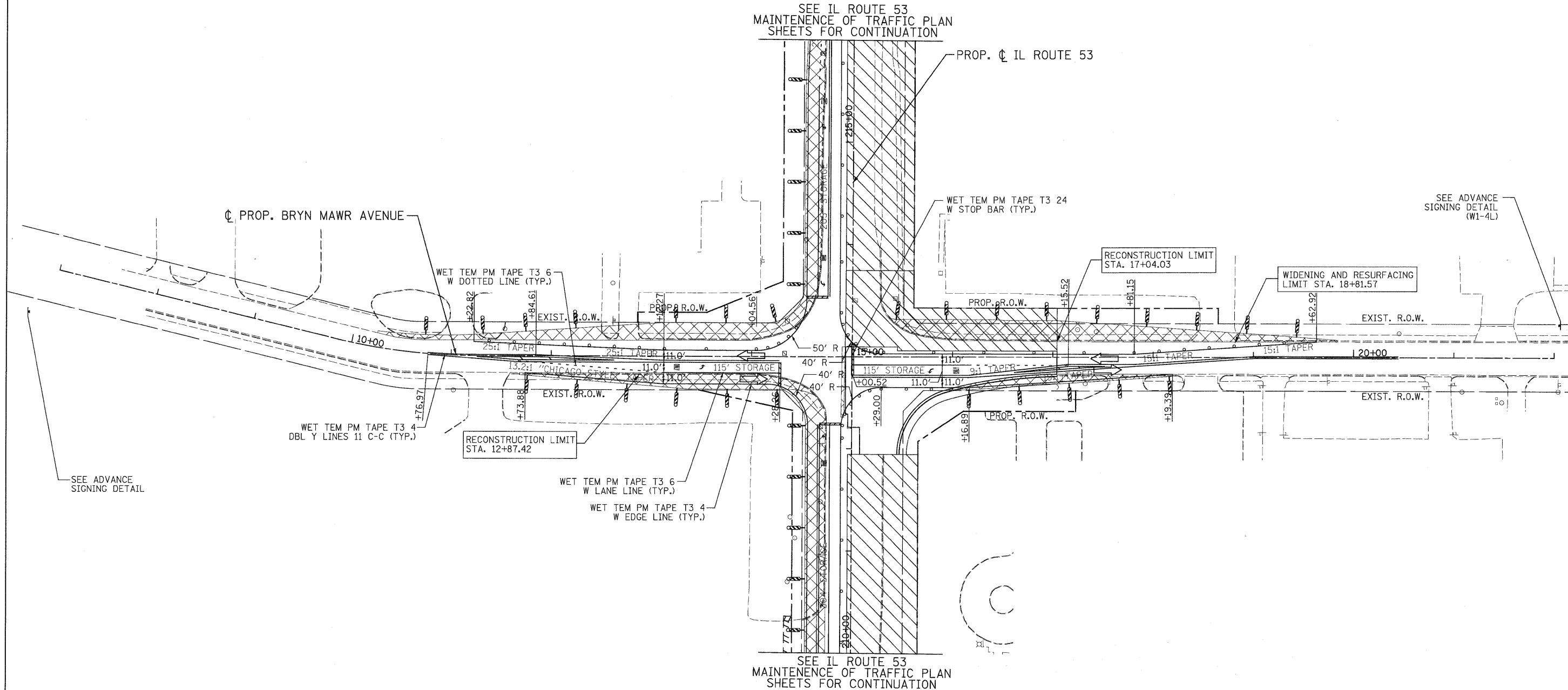
F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2578	532B	DUPAGE	781	218
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT				CONTRACT NO. 60477

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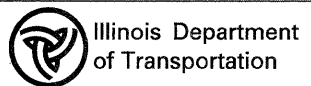
SEE IL ROUTE 53  
MAINTENANCE OF TRAFFIC PLAN  
SHEETS FOR CONTINUATION



SEE IL ROUTE 53  
MAINTENANCE OF TRAFFIC PLAN  
SHEETS FOR CONTINUATION

LEGEND	
	TEMPORARY PAVEMENT
	WORK ZONE
	ARROW BOARD
	TYPE II BARRICADES OR DRUMS WITH STEADY BURNING LIGHTS @ 50 FT CENTERS ALONG ROADWAY (TANGENT), 25 FT CENTERS ALONG TAPERS AND 12 FT CENTERS ALONG RADII
	VERTICAL PANEL WITH STEADY BURNING LIGHT 50 FT C-C
	TYPE III BARRICADES WITH FLASHING LIGHTS
	DIRECTION OF TRAFFIC

 PATRICK ENGINEERING INC. 4970 VARSITY DRIVE LISLE, IL 60532 patrickengineering.com	USER NAME = ckersten(Lisle.R)	DESIGNED - MJV	REVISED -
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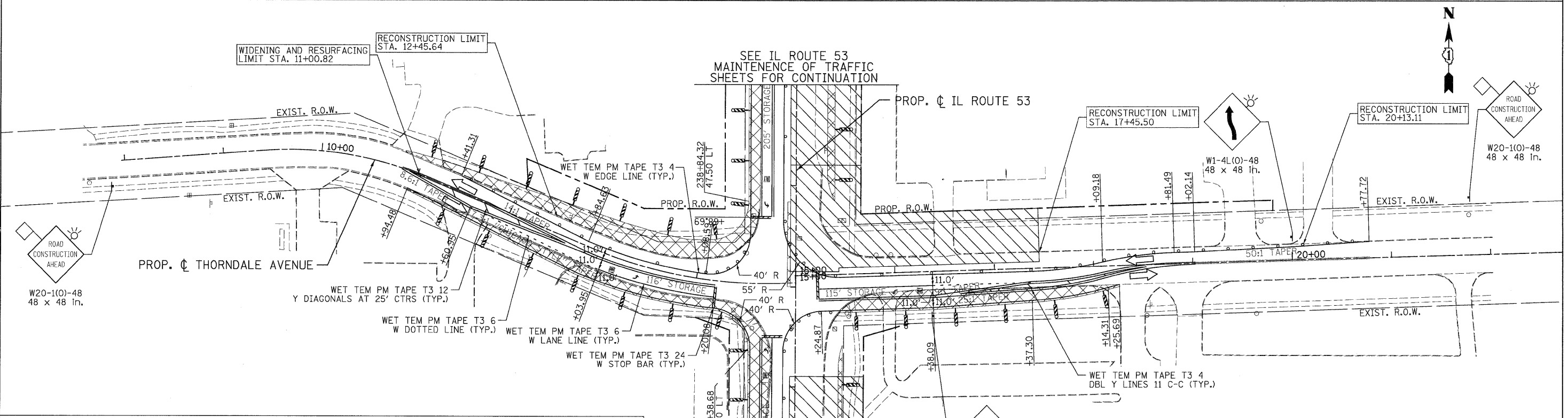
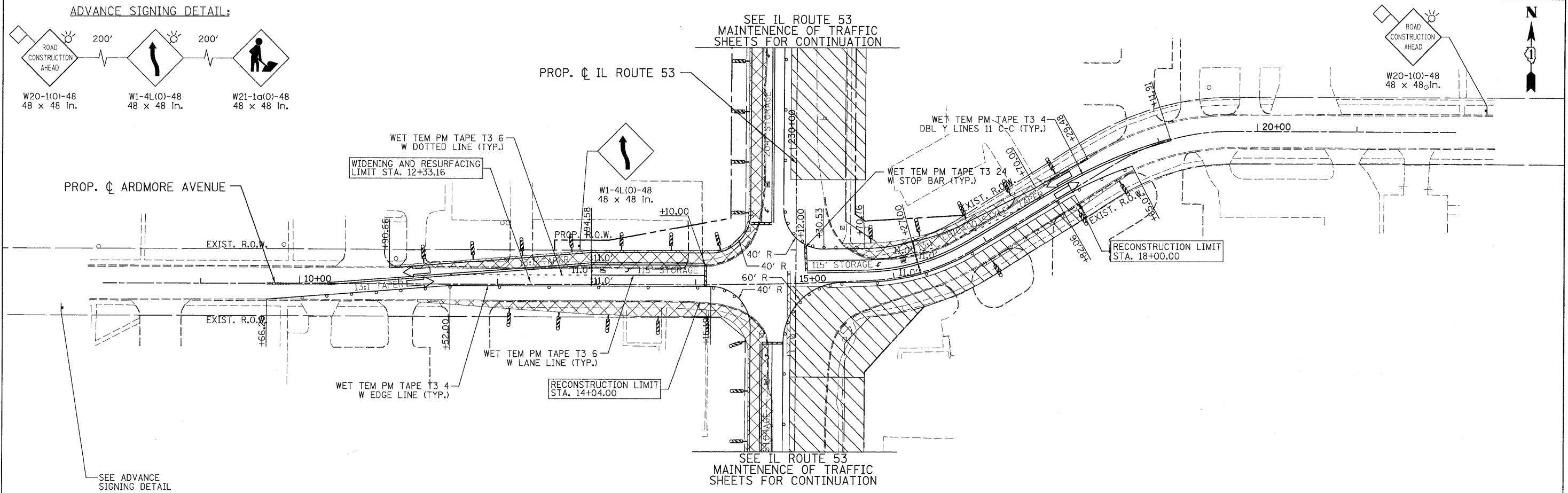


**BRYN MAWR AVENUE**  
**SUGGESTED STAGES OF CONSTRUCTION & TRAFFIC CONTROL**  
**STAGE 1 SUB-STAGE 3 PHASE 2**

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2578	532B	DUPAGE	781	219
FED. ROAD DIST. NO.			ILLINOIS FED. AID PROJECT	
			CONTRACT NO. 60477	

SCALE: 1"=50' SHEET MOT-113 OF 136 STA. TO STA.

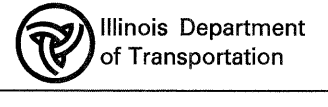
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**LEGEND**

	TEMPORARY PAVEMENT		TYPE II BARRICADES OR DRUMS WITH STEADY BURNING LIGHTS @ 50 FT CENTERS ALONG ROADWAY (TANGENT), 25 FT CENTERS ALONG TAPERS AND 12 FT CENTERS ALONG RADII		VERTICAL PANEL WITH STEADY BURNING LIGHT 50 FT C-C
	WORK ZONE		TYPE III BARRICADES WITH FLASHING LIGHTS		DIRECTION OF TRAFFIC
	ARROW BOARD				

	PATRICK ENGINEERING INC. 4970 VARSITY DRIVE LISLE, IL 60532 patrickengineering.com	USER NAME = okerster@lisa.RI	DESIGNED - MJV	REVISED -
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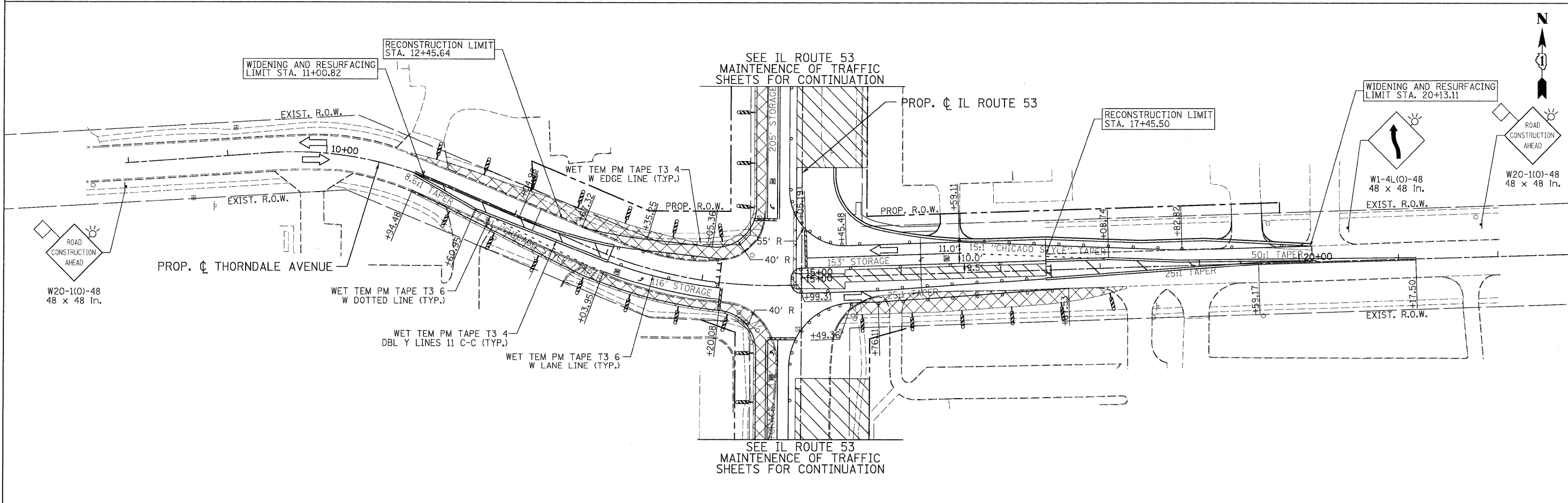
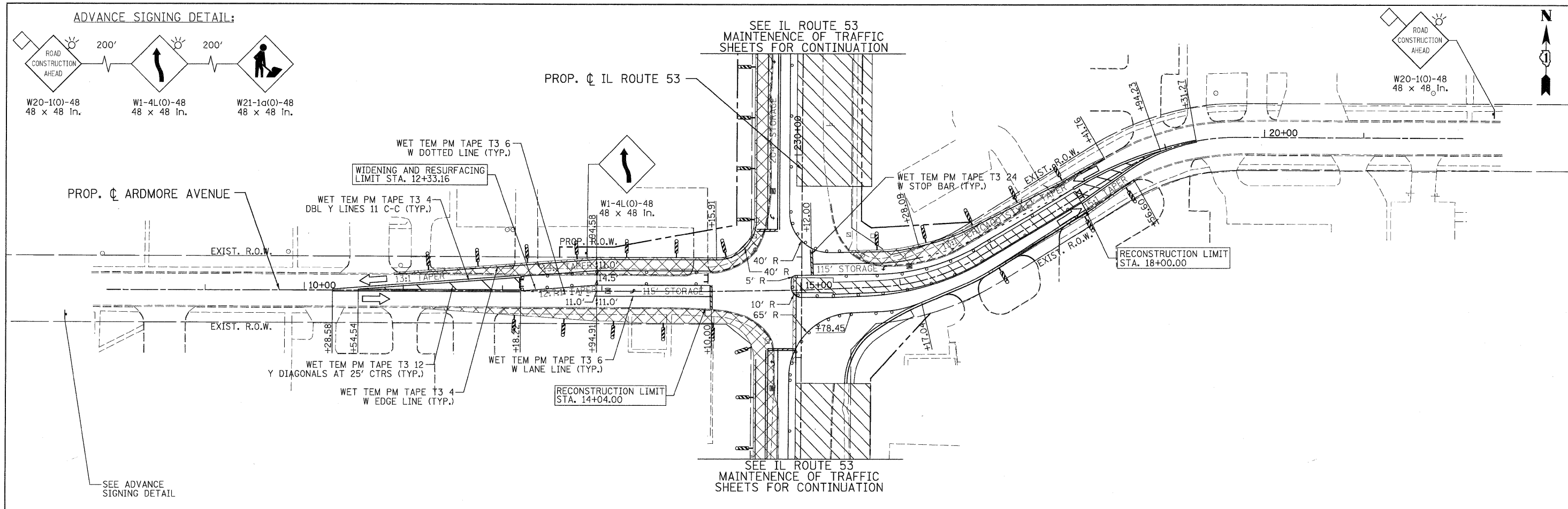
**ARDMORE AVENUE, THORNDALE AVENUE  
SUGGESTED STAGES OF CONSTRUCTION & TRAFFIC CONTROL  
STAGE 1 SUB-STAGE 1 PHASE 2**

SCALE: 1"=50'

SHEET MOT-114 OF 136 STA. TO STA.

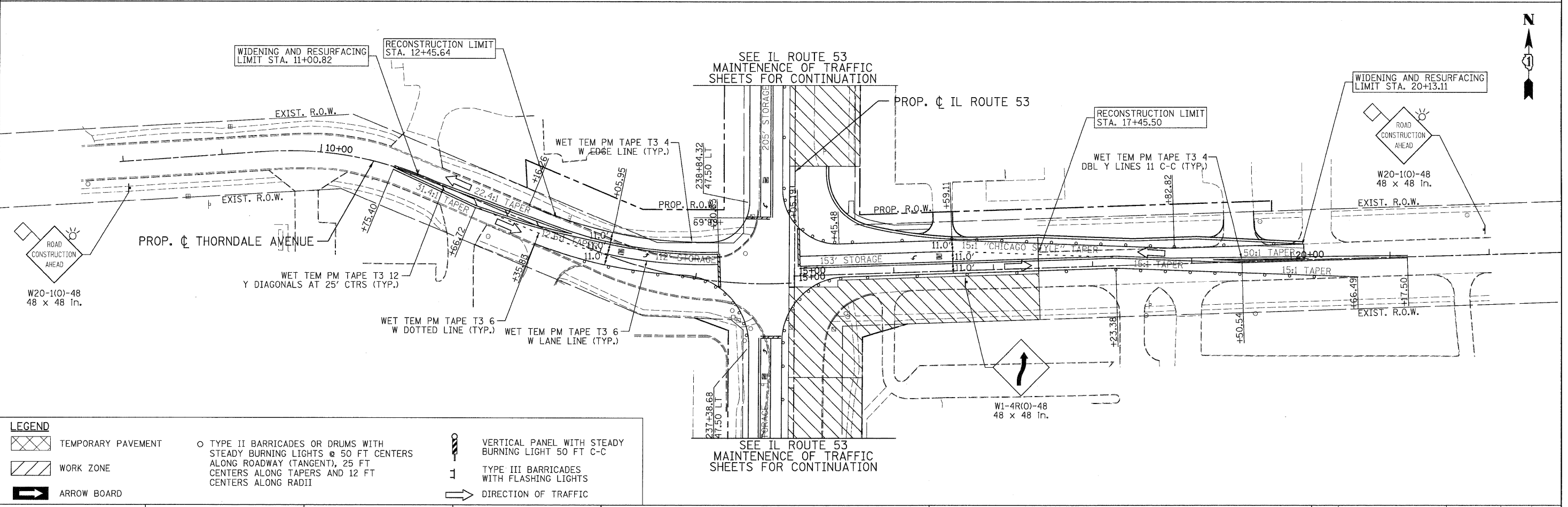
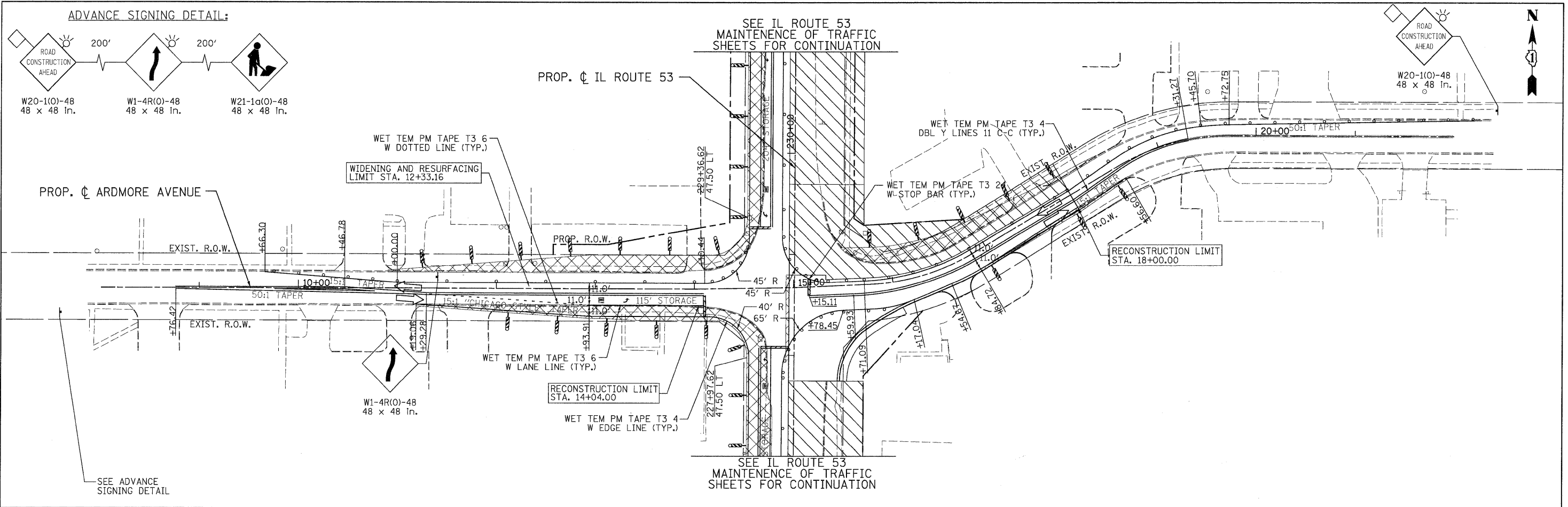
F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2578	532B	DUPAGE	781	220
CONTRACT NO. 60477				
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT				

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<p>PATRICK ENGINEERING INC. 4970 VARSITY DRIVE LISLE, IL 60532 patrickengineering.com</p>	USER NAME = ckersten@lisle.ri	DESIGNED - MJV	REVISED -	<p>Illinois Department of Transportation</p>	<p><b>ARDMORE AVENUE, THORNDALE AVENUE</b>  <b>SUGGESTED STAGES OF CONSTRUCTION &amp; TRAFFIC CONTROL</b>  <b>STAGE 1 SUB-STAGE 2 YEAR 2</b></p>		F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.				
	PLOT CONFIG = PDF(Gray, Large).plt	DRAWN - MJV	REVISED -		SCALE: 1"=50'	SHEET	MOT-115 OF 136	STA.	TO STA.	2578	532B	DUPAGE	781	221	
	PLOT SCALE = 1/8"=1'	CHECKED - JJC	REVISED -												
	PLOT DATE = 12/3/2010	DATE - 12/3/2010	REVISED -												
<p>CONTRACT NO. 60477</p>					<p>FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT</p>										

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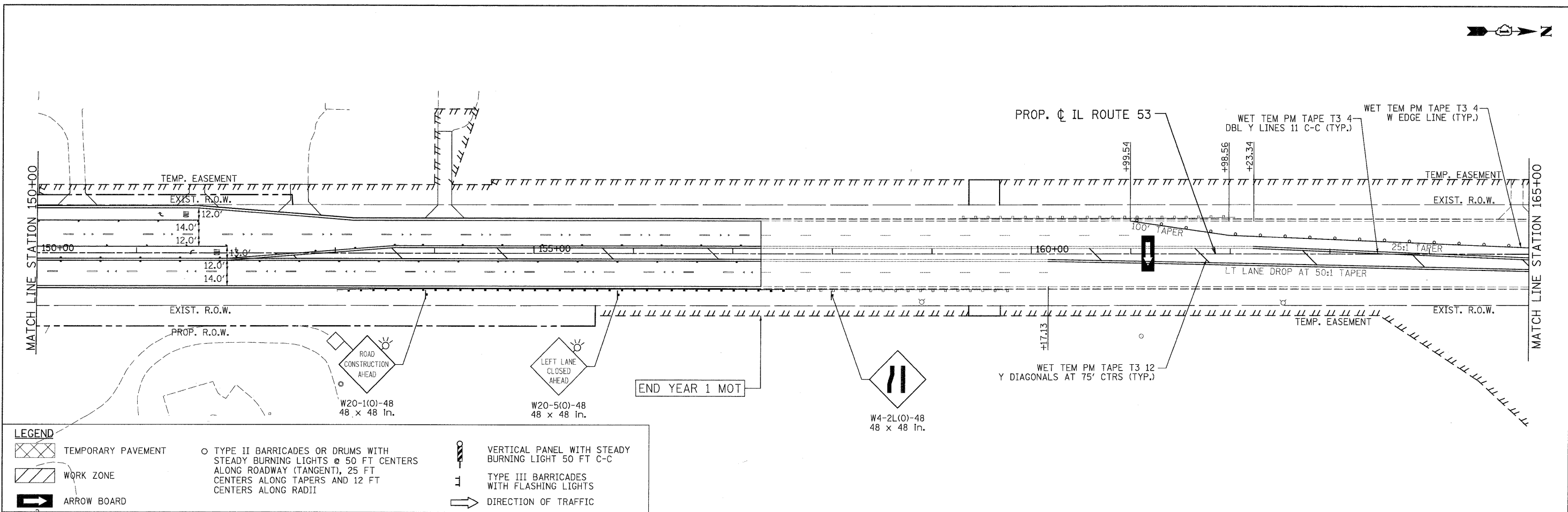


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	WORK ZONE		TYPE III BARRICADES WITH FLASHING LIGHTS		DIRECTION OF TRAFFIC
	ARROW BOARD				

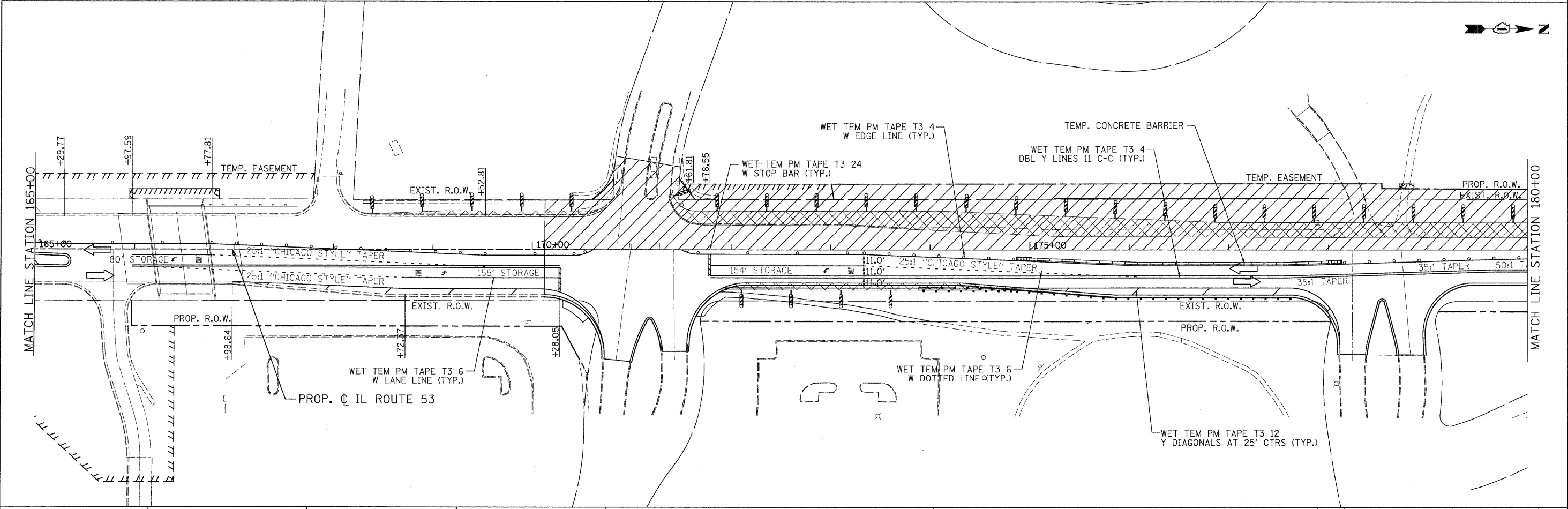
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	SCALE: 1"=50' SHEET MOT-116 OF 136 STA. TO STA.		FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT					

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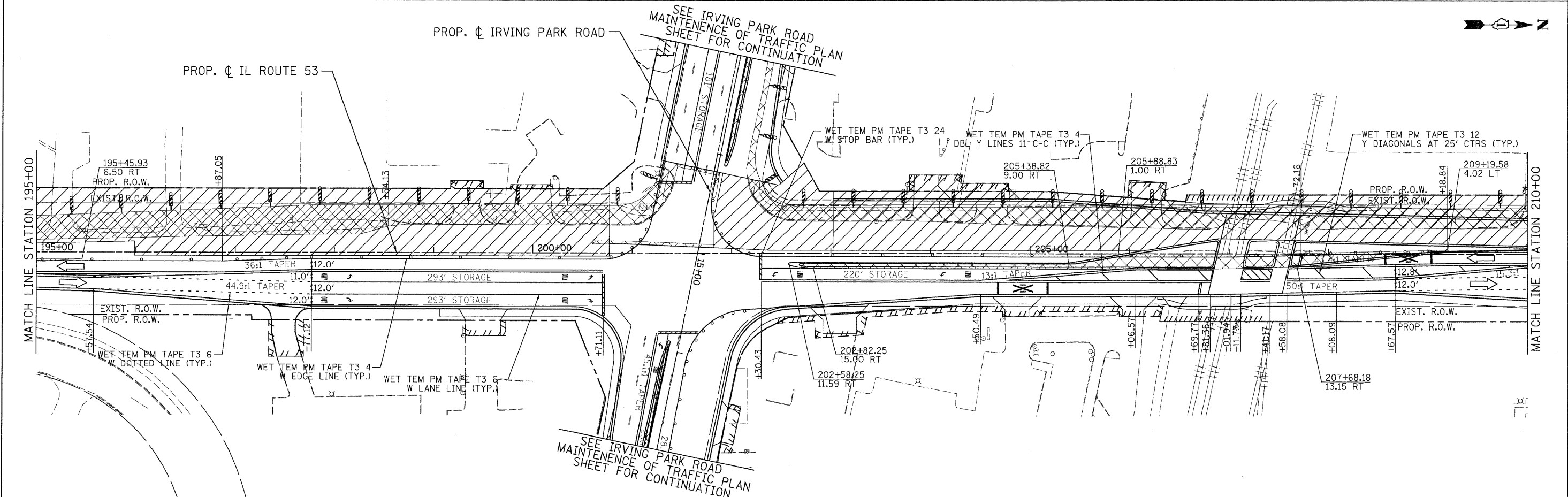
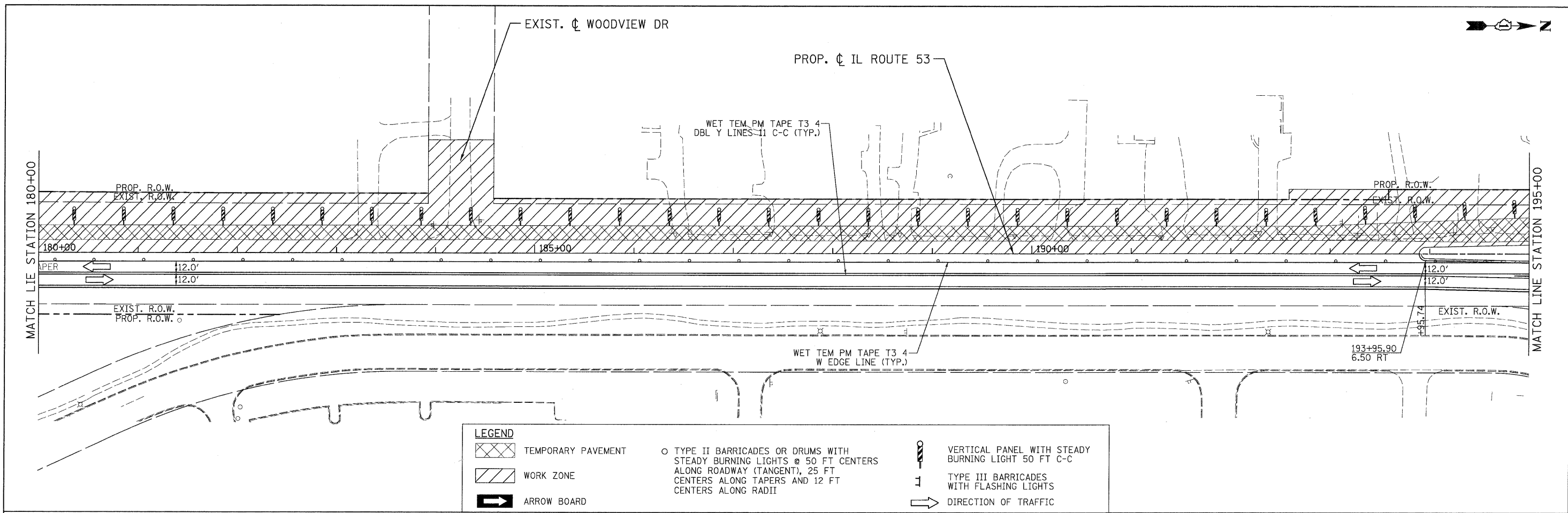
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	WORK ZONE		TYPE III BARRICADES WITH FLASHING LIGHTS		DIRECTION OF TRAFFIC
	ARROW BOARD				



PATRICK ENGINEERING INC. 4970 VARSITY DRIVE LISLE, IL 60532 patrickengineering.com	USER NAME = ckersten(Lisle_R) PLOT CONFIG = PDF(Gray-Large).plt PLOT SCALE = 1:50 PLOT DATE = 12/3/2012	DESIGNED - MJV DRAWN - MJV CHECKED - JJC DATE - 12/3/2010	REVISED - REVISED - REVISED - REVISED -	Illinois Department of Transportation	<b>ILLINOIS ROUTE 53</b> <b>SUGGESTED STAGES OF CONSTRUCTION &amp; TRAFFIC CONTROL</b> <b>STAGE 2 PHASE 2</b>		F.A.U. RTE. 2578 SECTION 532B COUNTY DUPAGE TOTAL SHEETS 781 SHEET NO. 223 CONTRACT NO. 60477
	SCALE: 1"=50'    SHEET MOT-117 OF 136    STA. 150+00 TO STA. 180+00				FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT		

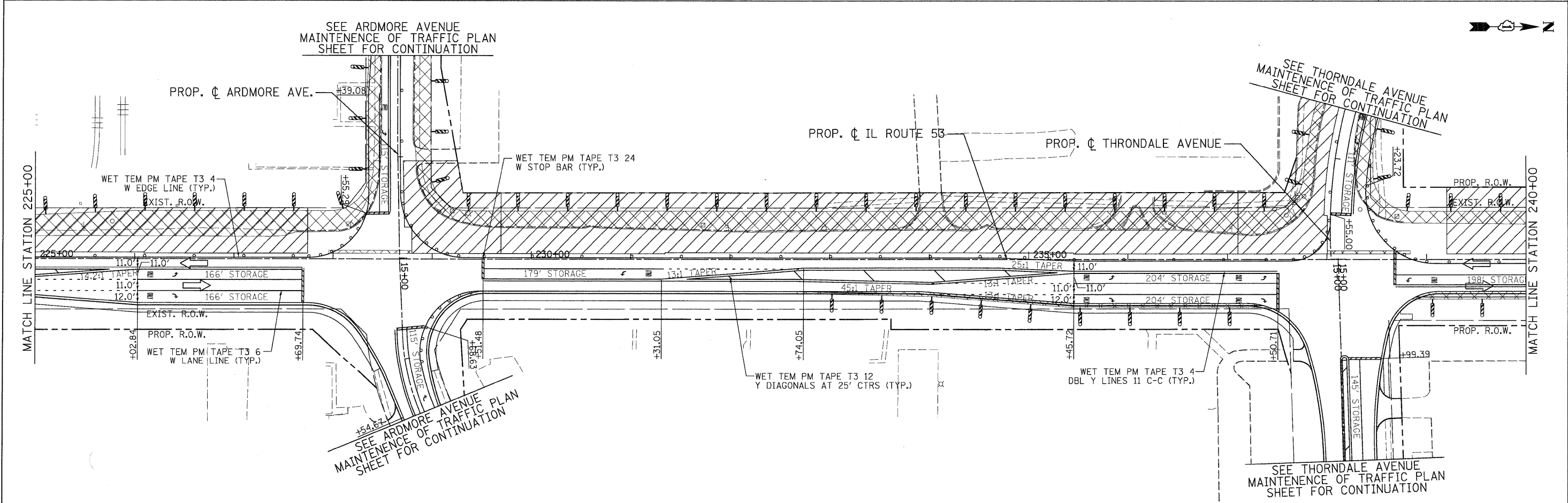
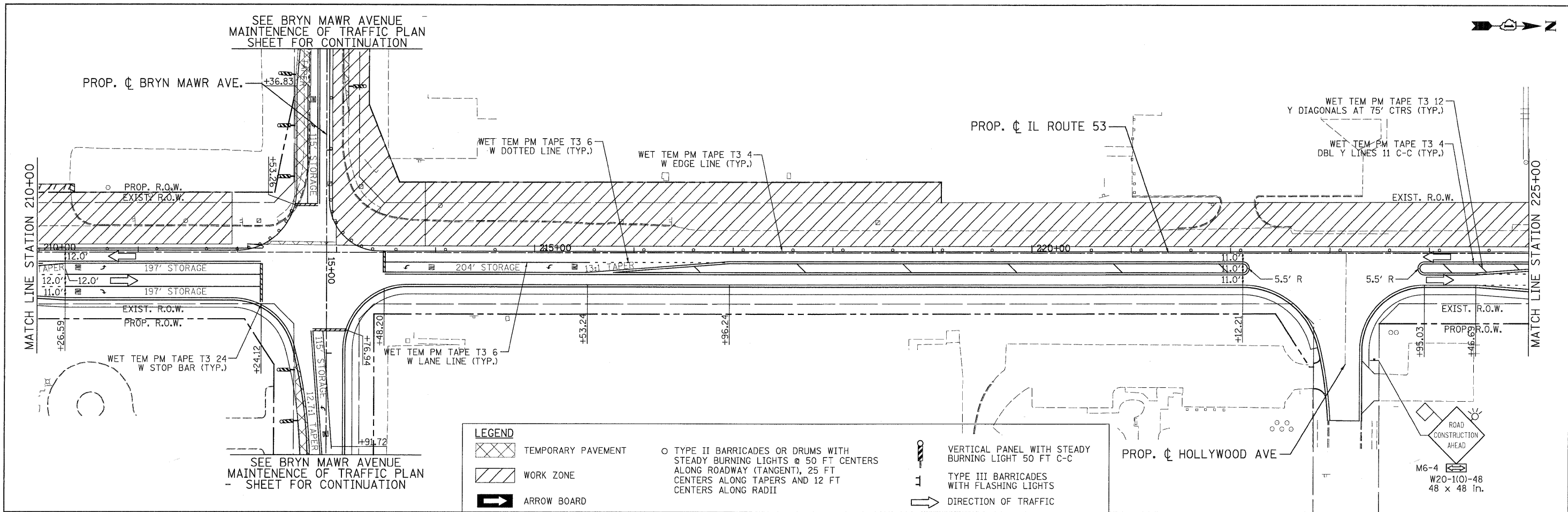
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	SCALE: 1"=50' SHEET M0T-118 OF 136 STA. 180+00 TO STA. 210+00				FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT		

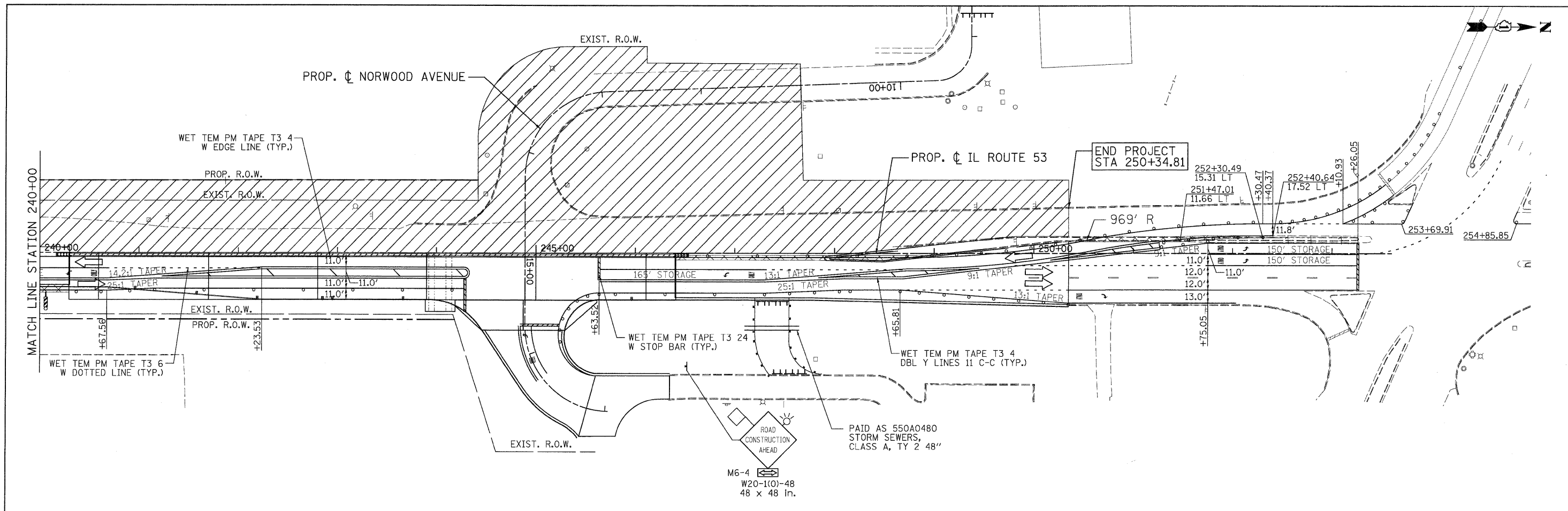
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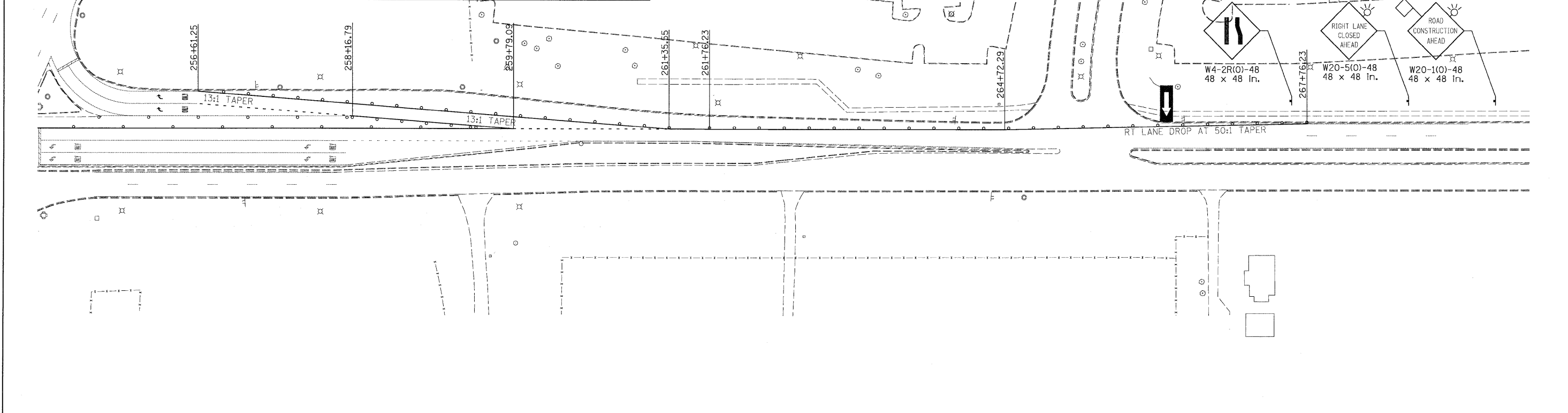
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	SCALE: 1"=50' SHEET M01-119 OF 136 STA. 210+00 TO STA. 240+00				FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT			

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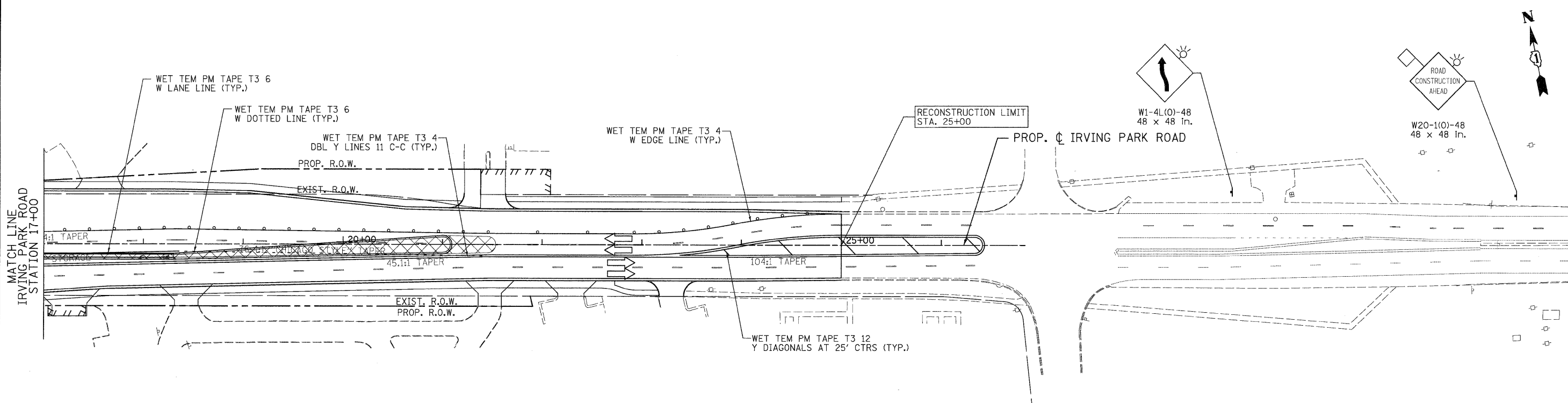
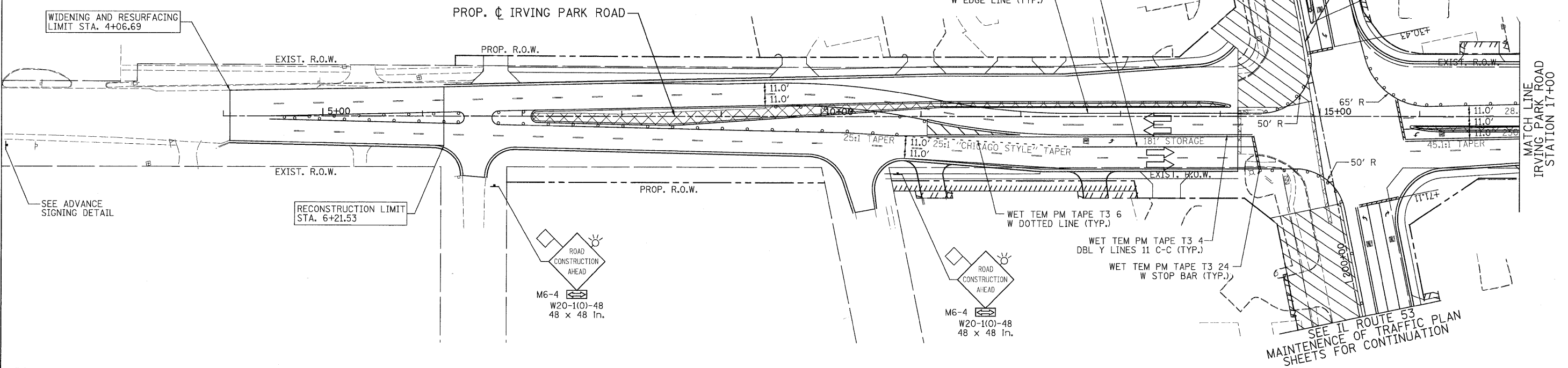
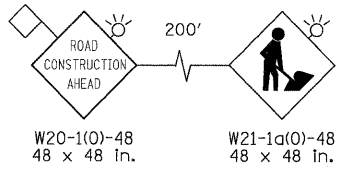
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	WORK ZONE		TYPE III BARRICADES WITH FLASHING LIGHTS		DIRECTION OF TRAFFIC
	ARROW BOARD				



<b>PATRICK ENGINEERING INC.</b> 4970 VARSITY DRIVE LISLE, IL 60532 patrickengineering.com	USER NAME = okersten(Lisle_R) PLOT CONFIG= PDF(Grey_Large).plt PLOT SCALE = 1/8"=1'-0" PLOT DATE = 12/3/2010	DESIGNED - MJV DRAWN - MJV CHECKED - JJC DATE - 12/3/2010	REVISED - 10/12/2010 REVISED - REVISED - REVISED -	Illinois Department of Transportation	<b>ILLINOIS ROUTE 53</b> <b>SUGGESTED STAGES OF CONSTRUCTION &amp; TRAFFIC CONTROL</b> <b>STAGE 2 PHASE 2</b>		F.A.U. RTE. SECTION COUNTY TOTAL SHEETS SHEET NO. 2578 532B DUPAGE 781 226
	SCALE: 1"=50' SHEET MOT-120 OF 136 STA. 240+00 TO STA.				CONTRACT NO. 60477 FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT		

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**ADVANCE SIGNING DETAIL:**



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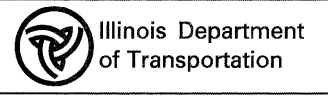
TEMPORARY PAVEMENT	TYPE II BARRICADES OR DRUMS WITH STEADY BURNING LIGHTS @ 50 FT CENTERS ALONG ROADWAY (TANGENT), 25 FT CENTERS ALONG TAPERS AND 12 FT CENTERS ALONG RADII	VERTICAL PANEL WITH STEADY BURNING LIGHT 50 FT C-C
WORK ZONE	TYPE III BARRICADES WITH FLASHING LIGHTS	DIRECTION OF TRAFFIC
ARROW BOARD		

**PATRICK ENGINEERING INC.**  
 4970 VARSITY DRIVE  
 LISLE, IL 60532  
 patrickengineering.com

USER NAME = ckersten(Lisle,IL)  
 PLOT CONFIG = PDF(Grey\_Large).plt  
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 PLOT DATE = 12/3/2010

DESIGNED - MJV  
 DRAWN - MJV  
 CHECKED - JJC  
 DATE - 12/3/2010

REVISED -  
 REVISED -  
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 REVISED -

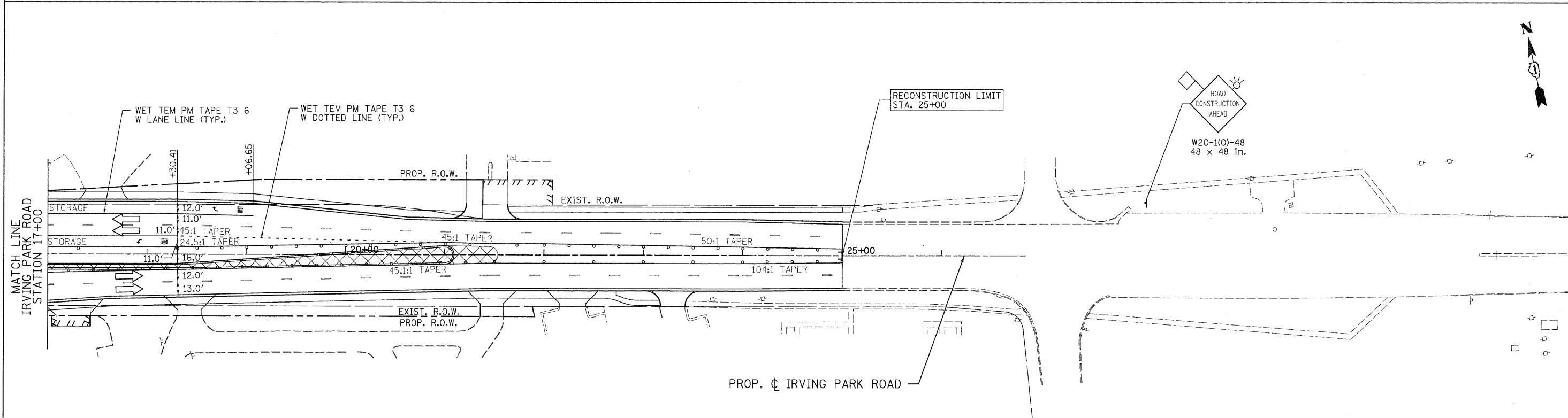
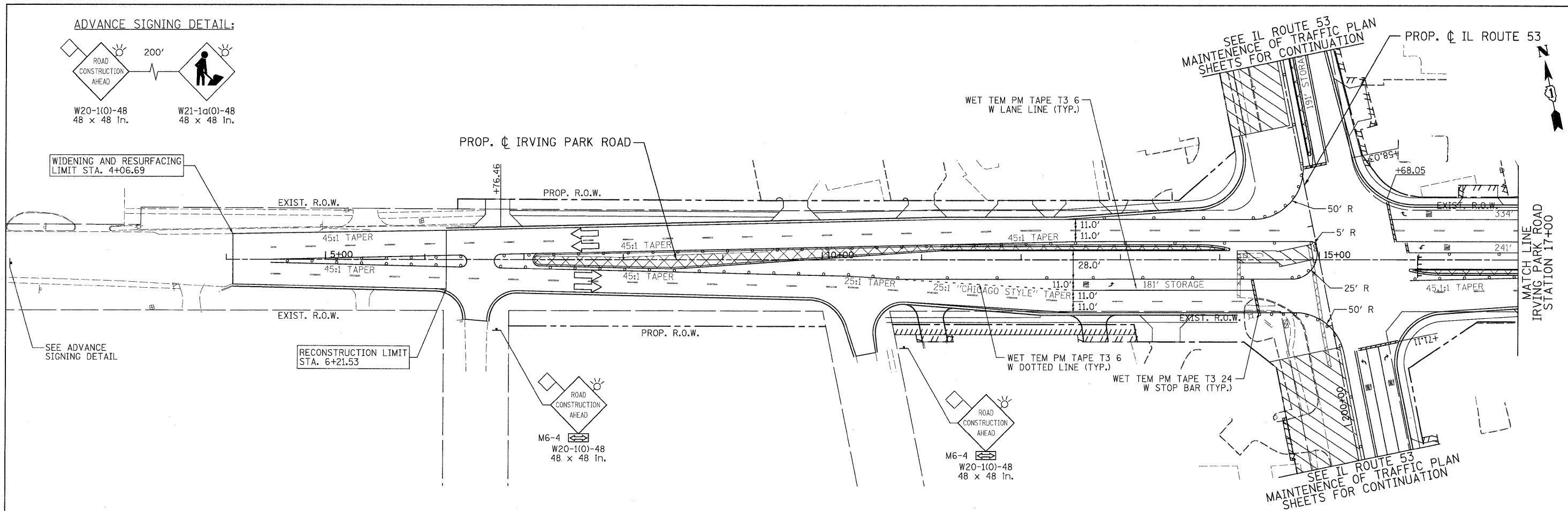


**IRVING PARK ROAD**  
**SUGGESTED STAGES OF CONSTRUCTION & TRAFFIC CONTROL**  
**STAGE 2 SUB-STAGE 1 PHASE 2**

SCALE: 1"=50'  
 SHEET MOT-121 OF 136 STA. 4+44.45 TO STA. 24+45.00

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2578	532B	DUPAGE	781	227
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT				CONTRACT NO. 60477

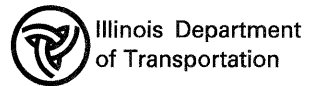
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**LEGEND**

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	WORK ZONE		TYPE III BARRICADES WITH FLASHING LIGHTS		DIRECTION OF TRAFFIC
	ARROW BOARD				

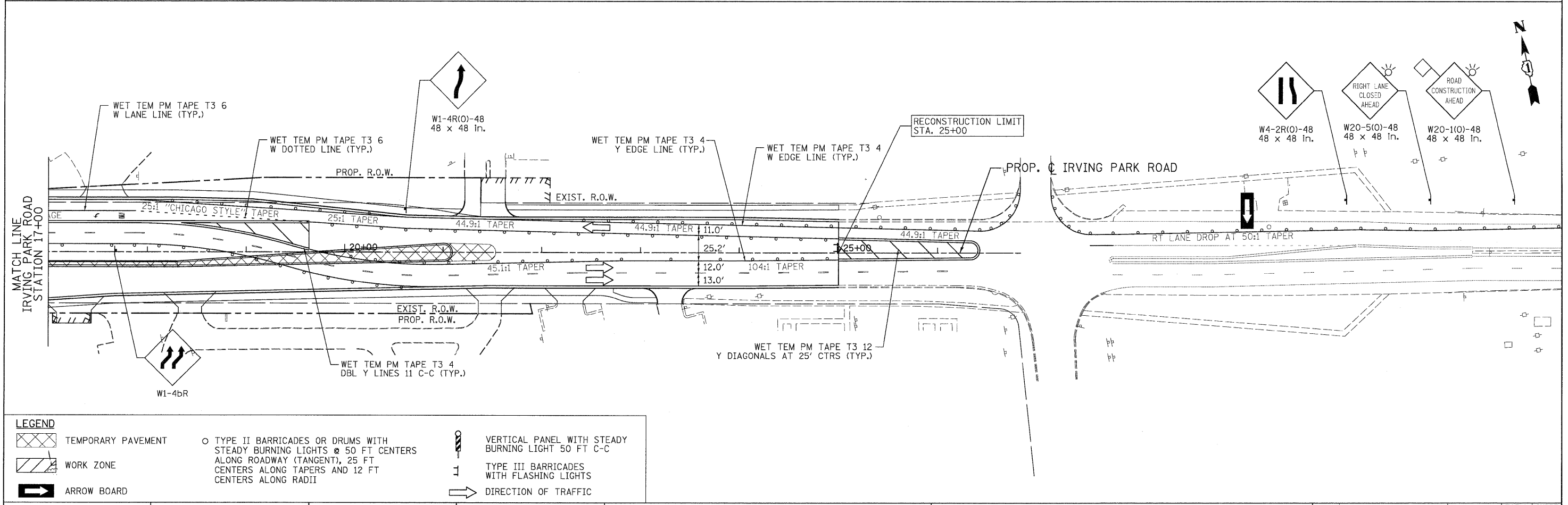
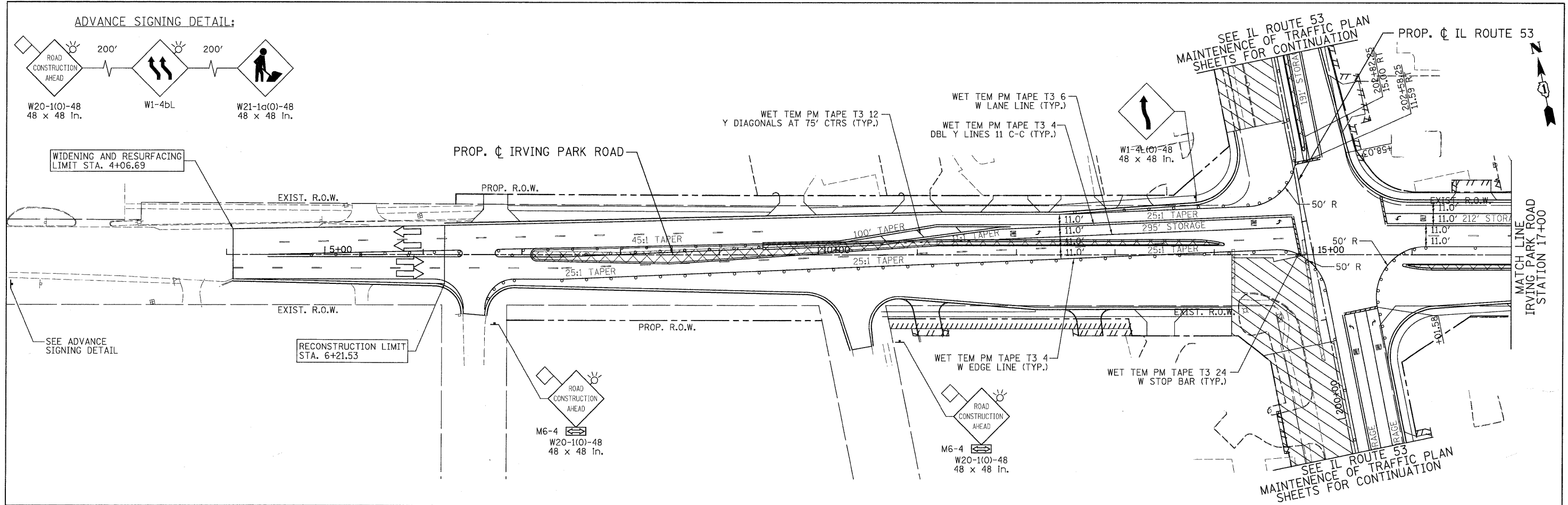
	PATRICK ENGINEERING INC. 4970 VARSITY DRIVE LISLE, IL 60532 patrickengineering.com	USER NAME = okersten@lisle.RI	DESIGNED - MJV	REVISED -
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		PLOT SCALE = 1:50	CHECKED - JJC	REVISED -
		PLOT DATE = 12/3/2010	DATE - 12/3/2010	REVISED -



<b>IRVING PARK ROAD</b>			
<b>SUGGESTED STAGES OF CONSTRUCTION &amp; TRAFFIC CONTROL</b>			
<b>STAGE 2 SUB-STAGE 2 PHASE 2</b>			
SCALE: 1"=50'	SHEET MOT-122 OF 136	STA. 4+44.45 TO STA. 24+45.00	

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2578	532B	DUPAGE	781	228
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT			CONTRACT NO. 60477	

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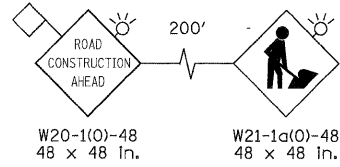


LEGEND			
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	WORK ZONE		VERTICAL PANEL WITH STEADY BURNING LIGHT 50 FT C-C
	ARROW BOARD		TYPE III BARRICADES WITH FLASHING LIGHTS
			DIRECTION OF TRAFFIC

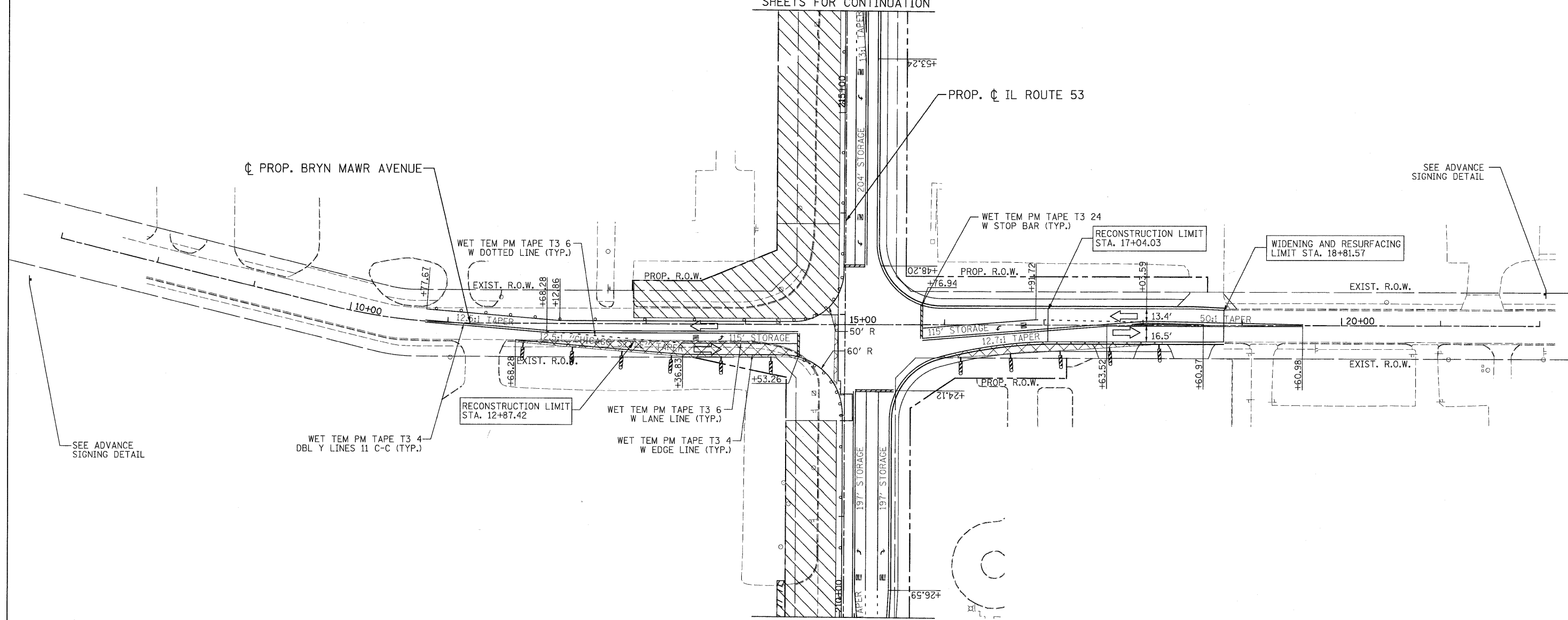
 PATRICK ENGINEERING INC. 4970 VARSITY DRIVE LISLE, IL 60532 patrickengineering.com	USER NAME = okersten@lisle.ri PLOT CONFIG = PDF(Grey_Large).plt PLOT SCALE = 1:50 PLOT DATE = 12/3/2010	DESIGNED - MJV DRAWN - MJV CHECKED - JJC DATE - 12/3/2010	REVISED - REVISED - REVISED - REVISED -	 Illinois Department of Transportation	<b>IRVING PARK ROAD</b> <b>SUGGESTED STAGES OF CONSTRUCTION &amp; TRAFFIC CONTROL</b> <b>STAGE 2 SUB-STAGE 3 PHASE 2</b>				F.A. RTE. = 2578 SECTION = 532B COUNTY = DUPAGE TOTAL SHEETS = 781 SHEET NO. = 229	CONTRACT NO. 60477
	SCALE: 1"=50' SHEET MOT-123 OF 136 STA. 4+44.45 TO STA. 24+45.00				FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT					
	IRVING PARK ROAD STATION 17+00 MATCH LINE IRVING PARK ROAD STATION 17+00									

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ADVANCE SIGNING DETAIL:



SEE IL ROUTE 53  
MAINTENANCE OF TRAFFIC PLAN  
SHEETS FOR CONTINUATION



SEE IL ROUTE 53  
MAINTENANCE OF TRAFFIC PLAN  
SHEETS FOR CONTINUATION

LEGEND

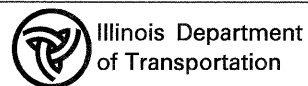
- TEMPORARY PAVEMENT
- WORK ZONE
- ARROW BOARD
- TYPE II BARRICADES OR DRUMS WITH STEADY BURNING LIGHTS @ 50 FT CENTERS ALONG ROADWAY (TANGENT), 25 FT CENTERS ALONG TAPERS AND 12 FT CENTERS ALONG RADII
- VERTICAL PANEL WITH STEADY BURNING LIGHT 50 FT C-C
- TYPE III BARRICADES WITH FLASHING LIGHTS
- DIRECTION OF TRAFFIC

PATRICK ENGINEERING INC.  
4970 VARSITY DRIVE  
LISLE, IL 60532  
patrickengineering.com

USER NAME = okersten@lisle\_rj  
PLOT CONFIG = PDFtoGrey\_Large.plt  
PLOT SCALE = 1/8"=1'-0"  
PLOT DATE = 12/3/2010

DESIGNED - MJV  
DRAWN - MJV  
CHECKED - JJC  
DATE - 12/3/2010

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REVISED -  
REVISED -  
REVISED -

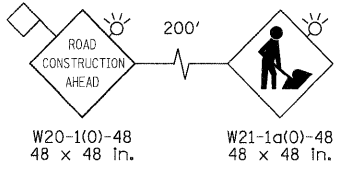


**BRYN MAWR AVENUE**  
**SUGGESTED STAGES OF CONSTRUCTION & TRAFFIC CONTROL**  
**STAGE 2 SUB-STAGE 1 PHASE 2**

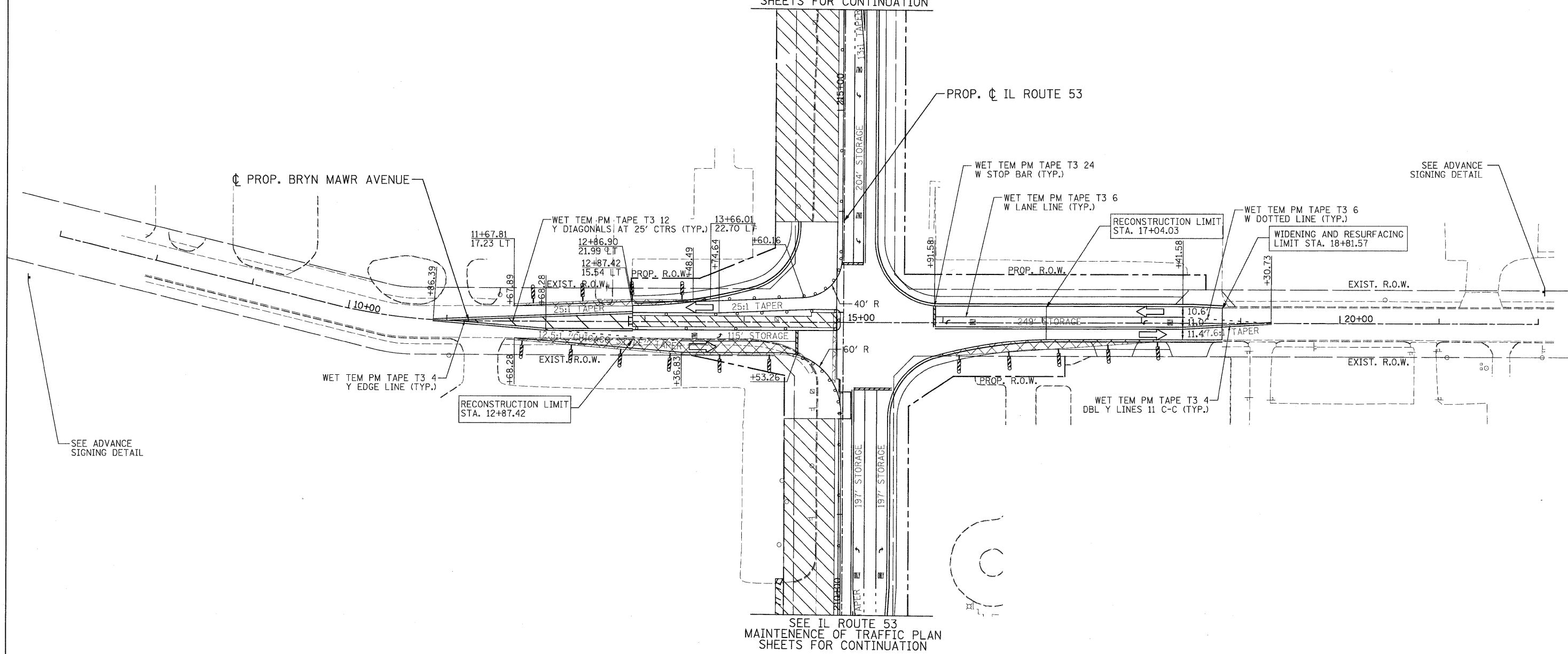
SCALE: 1"=50' SHEET MOT-124 OF 136 STA. TO STA.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2578	532B	DUPAGE	781	230
				CONTRACT NO. 60477
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT				

ADVANCE SIGNING DETAIL:



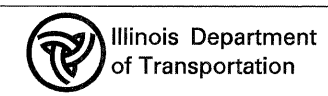
SEE IL ROUTE 53  
MAINTENANCE OF TRAFFIC PLAN  
SHEETS FOR CONTINUATION



SEE IL ROUTE 53  
MAINTENANCE OF TRAFFIC PLAN  
SHEETS FOR CONTINUATION

LEGEND	
	TEMPORARY PAVEMENT
	WORK ZONE
	ARROW BOARD
	TYPE II BARRICADES OR DRUMS WITH STEADY BURNING LIGHTS @ 50 FT CENTERS ALONG ROADWAY (TANGENT), 25 FT CENTERS ALONG TAPERS AND 12 FT CENTERS ALONG RADII
	VERTICAL PANEL WITH STEADY BURNING LIGHT 50 FT C-C
	TYPE III BARRICADES WITH FLASHING LIGHTS
	DIRECTION OF TRAFFIC

 PATRICK ENGINEERING INC. 4870 VARSITY DRIVE LISLE, IL 60532 patrickengineering.com	USER NAME = ckersten@lisle.il.gov	DESIGNED - MJV	REVISED -
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	PLT SCALE = 1:50	CHECKED - JJC	REVISED -
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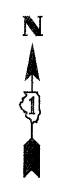
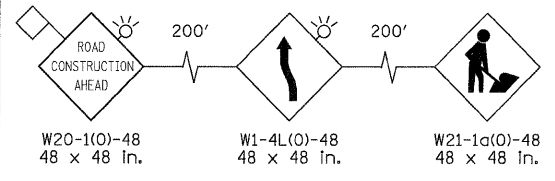


<b>BRYN MAWR AVENUE</b> <b>SUGGESTED STAGES OF CONSTRUCTION &amp; TRAFFIC CONTROL</b> <b>STAGE 2 SUB-STAGE 2 PHASE 2</b>			
SCALE: 1"=50'	SHEET	MOT-125 OF 136	STA. TO STA.

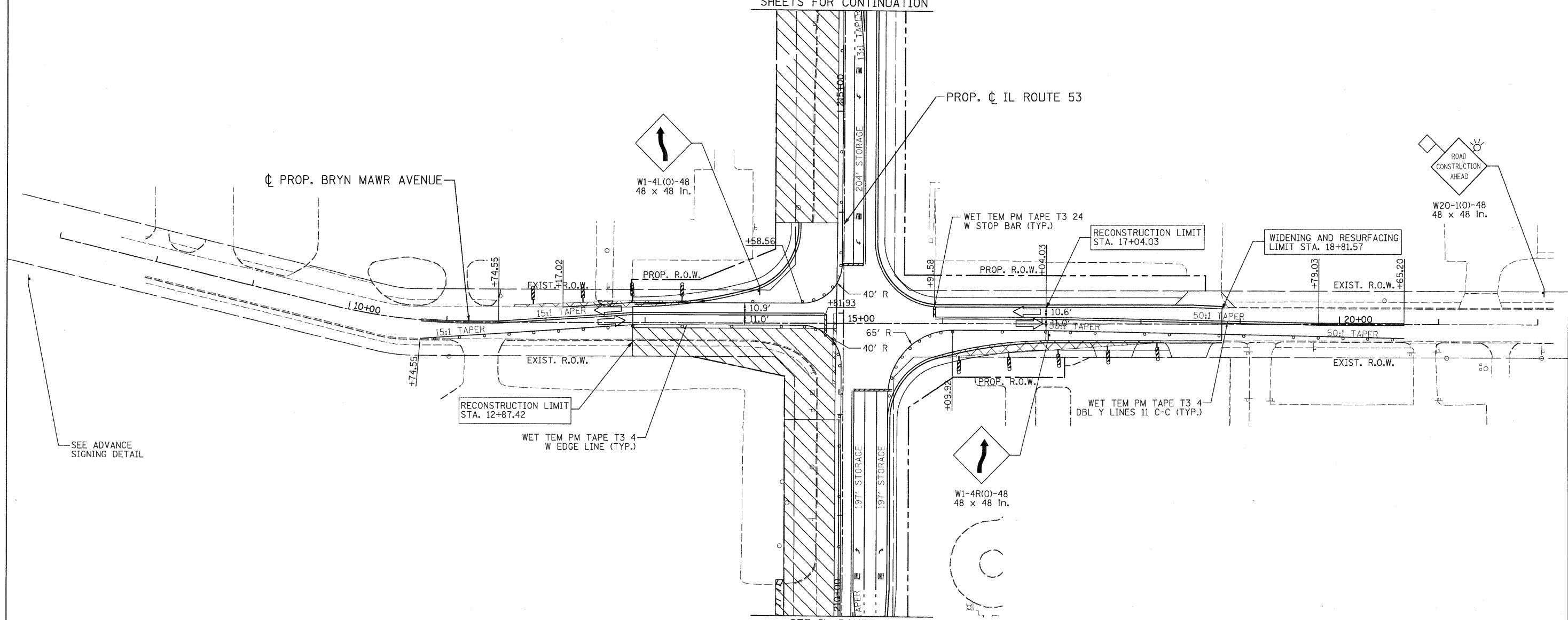
F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
257B	532B	DUPAGE	781	231
FED. ROAD DIST. NO.			ILLINOIS FED. AID PROJECT	
CONTRACT NO. 60477				

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ADVANCE SIGNING DETAIL:



SEE IL ROUTE 53  
MAINTENANCE OF TRAFFIC PLAN  
SHEETS FOR CONTINUATION



SEE IL ROUTE 53  
MAINTENANCE OF TRAFFIC PLAN  
SHEETS FOR CONTINUATION

LEGEND	
	TEMPORARY PAVEMENT
	WORK ZONE
	ARROW BOARD
	TYPE II BARRICADES OR DRUMS WITH STEADY BURNING LIGHTS @ 50 FT CENTERS ALONG ROADWAY (TANGENT), 25 FT CENTERS ALONG TAPERS AND 12 FT CENTERS ALONG RADII
	VERTICAL PANEL WITH STEADY BURNING LIGHT 50 FT C-C
	TYPE III BARRICADES WITH FLASHING LIGHTS
	DIRECTION OF TRAFFIC

 PATRICK ENGINEERING INC. 4970 VARSITY DRIVE LISLE, IL 60532 patrickengineering.com	USER NAME = akorsten(Lisle_R)	DESIGNED - MJV	REVISED -
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**BRYN MAWR AVENUE**  
**SUGGESTED STAGES OF CONSTRUCTION & TRAFFIC CONTROL**  
**STAGE 2 SUB-STAGE 3 PHASE 2**

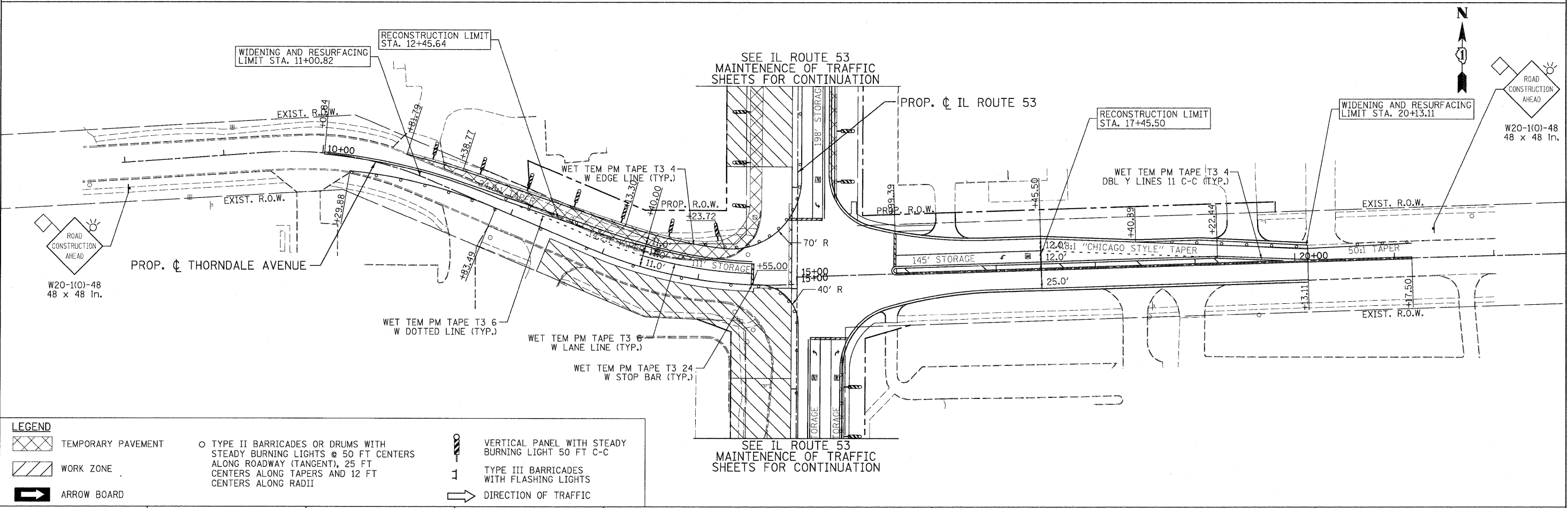
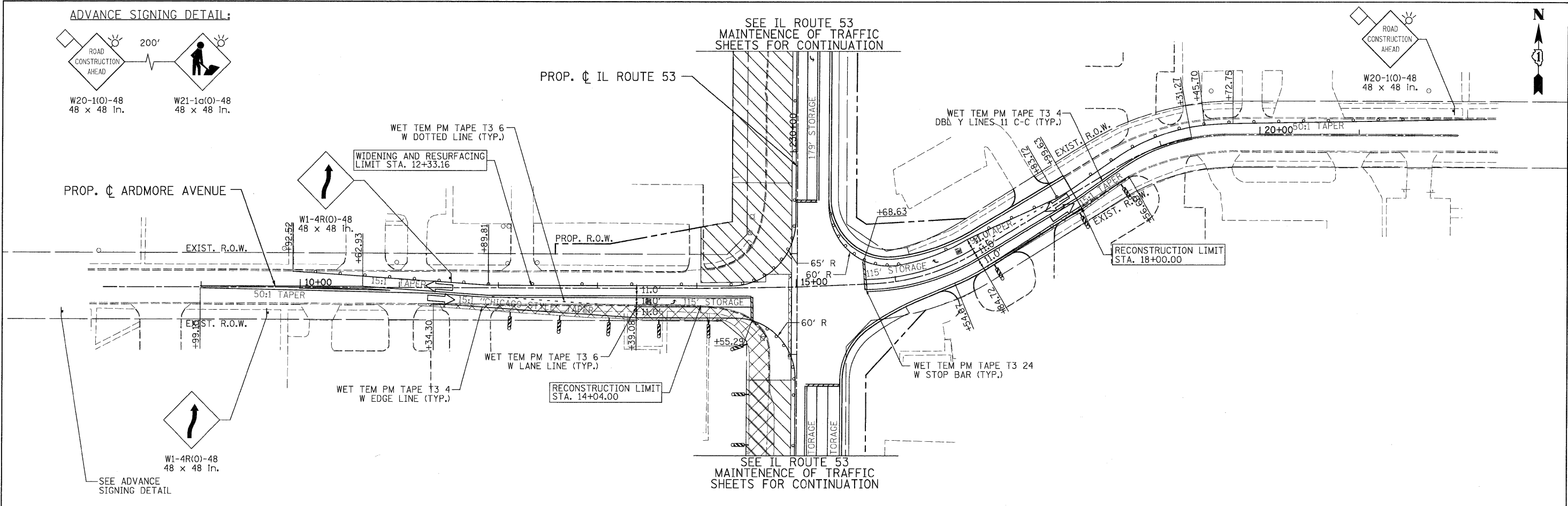
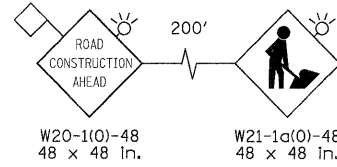
SCALE: 1"=50' SHEET MOT-126 OF 136 STA. TO STA.

F.A. RTE. 2578	SECTION 532B	COUNTY DUPAGE	TOTAL SHEETS 781	SHEET NO. 232
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT			CONTRACT NO. 60477	

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ADVANCE SIGNING DETAIL:



**LEGEND**

	TEMPORARY PAVEMENT		TYPE II BARRICADES OR DRUMS WITH STEADY BURNING LIGHTS @ 50 FT CENTERS ALONG ROADWAY (TANGENT), 25 FT CENTERS ALONG TAPERS AND 12 FT CENTERS ALONG RADII		VERTICAL PANEL WITH STEADY BURNING LIGHT 50 FT C-C
	WORK ZONE		TYPE III BARRICADES WITH FLASHING LIGHTS		DIRECTION OF TRAFFIC

**PATRICK ENGINEERING INC.**  
 4970 VARSITY DRIVE  
 LISLE, IL 60532  
 patrickengineering.com

USER NAME = ckersten@lisle.ri	DESIGNED - MJV
PLOT CONFIG = PDF(Grey-Large).plt	DRAWN - MJV
PLOT SCALE = 1:50	CHECKED - JJC
PLOT DATE = 12/3/2010	DATE - 12/3/2010

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CHECKED - JJC	REVISED -
DATE - 12/3/2010	REVISED -

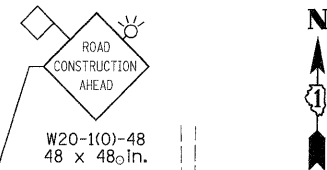
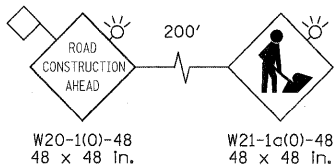


**ARDMORE AVENUE, THORNDALE AVENUE**  
**SUGGESTED STAGES OF CONSTRUCTION & TRAFFIC CONTROL**  
**STAGE 2 SUB-STAGE 1 PHASE 2**

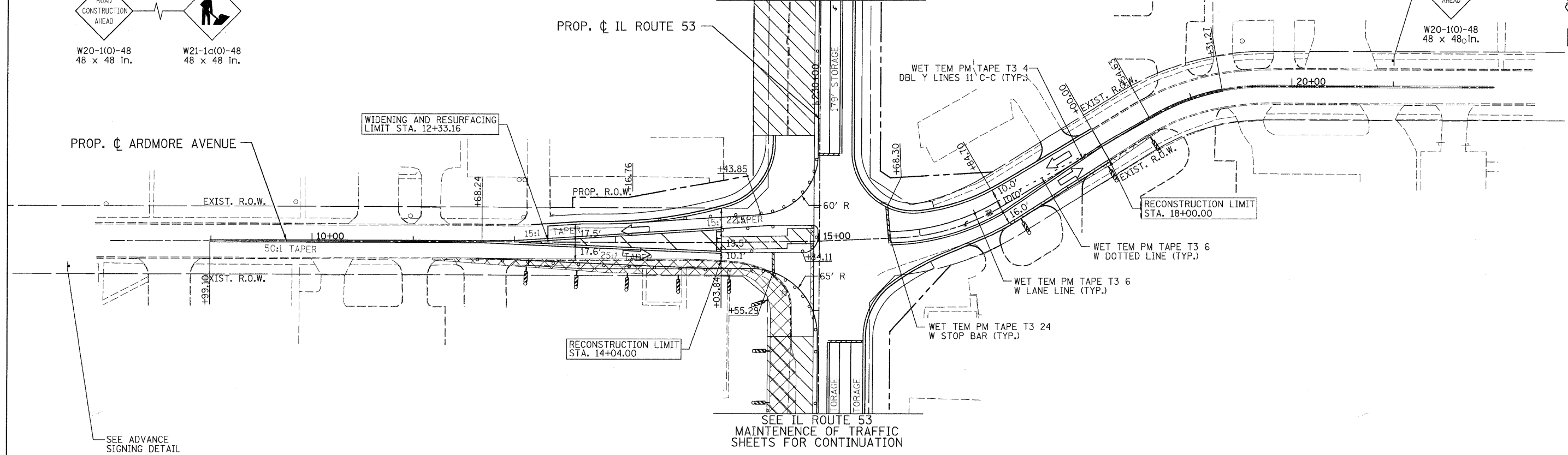
F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2578	532B	DUPAGE	781	233
FED. ROAD DIST. NO. [ILLINOIS] FED. AID PROJECT			CONTRACT NO. 60477	

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ADVANCE SIGNING DETAIL:

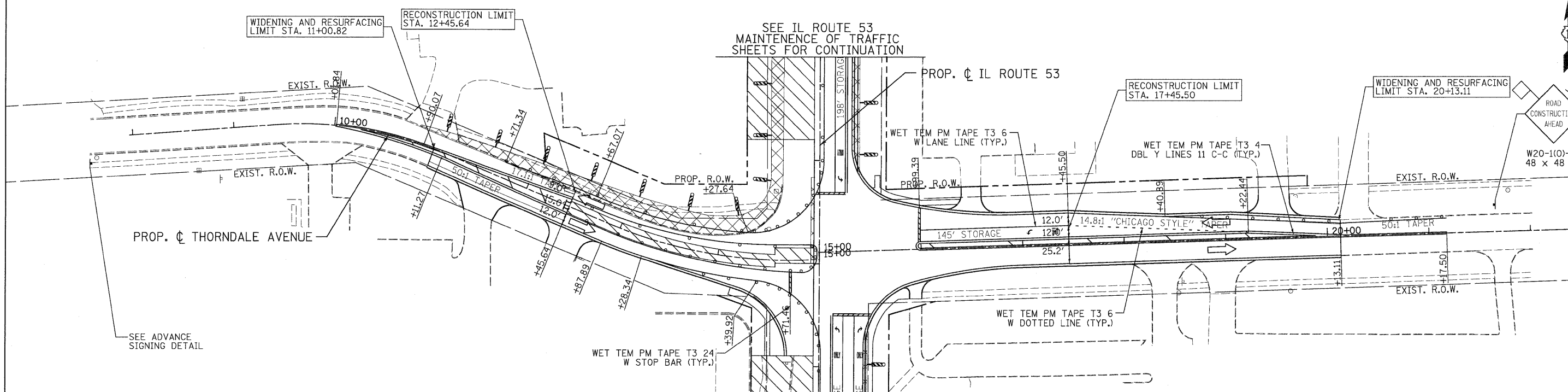


SEE IL ROUTE 53  
MAINTENANCE OF TRAFFIC  
SHEETS FOR CONTINUATION



SEE IL ROUTE 53  
MAINTENANCE OF TRAFFIC  
SHEETS FOR CONTINUATION

SEE IL ROUTE 53  
MAINTENANCE OF TRAFFIC  
SHEETS FOR CONTINUATION

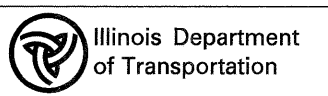


SEE IL ROUTE 53  
MAINTENANCE OF TRAFFIC  
SHEETS FOR CONTINUATION

**LEGEND**

TEMPORARY PAVEMENT	TYPE II BARRICADES OR DRUMS WITH STEADY BURNING LIGHTS @ 50 FT CENTERS ALONG ROADWAY (TANGENT), 25 FT CENTERS ALONG TAPERS AND 12 FT CENTERS ALONG RADII	VERTICAL PANEL WITH STEADY BURNING LIGHT 50 FT C-C
WORK ZONE	TYPE III BARRICADES WITH FLASHING LIGHTS	DIRECTION OF TRAFFIC
ARROW BOARD		

 PATRICK ENGINEERING INC. 4870 VARSITY DRIVE LISLE, IL 60532 patrickengineering.com	USER NAME = okersten@lisle.R	DESIGNED - MJV	REVISED -
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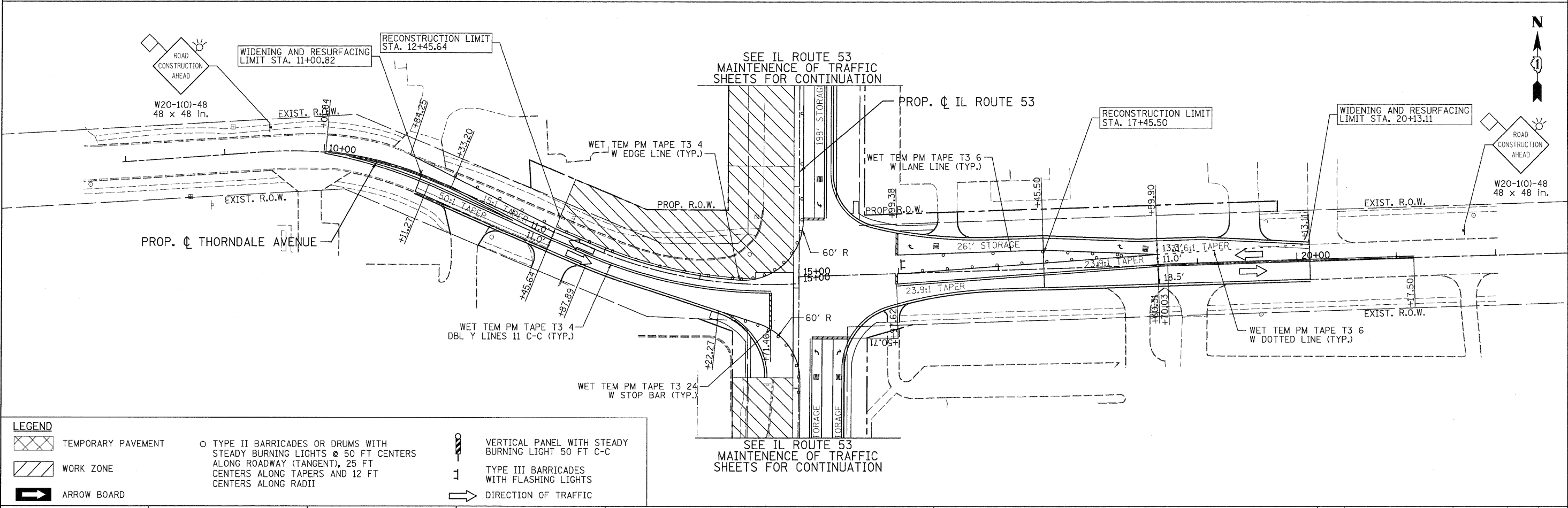
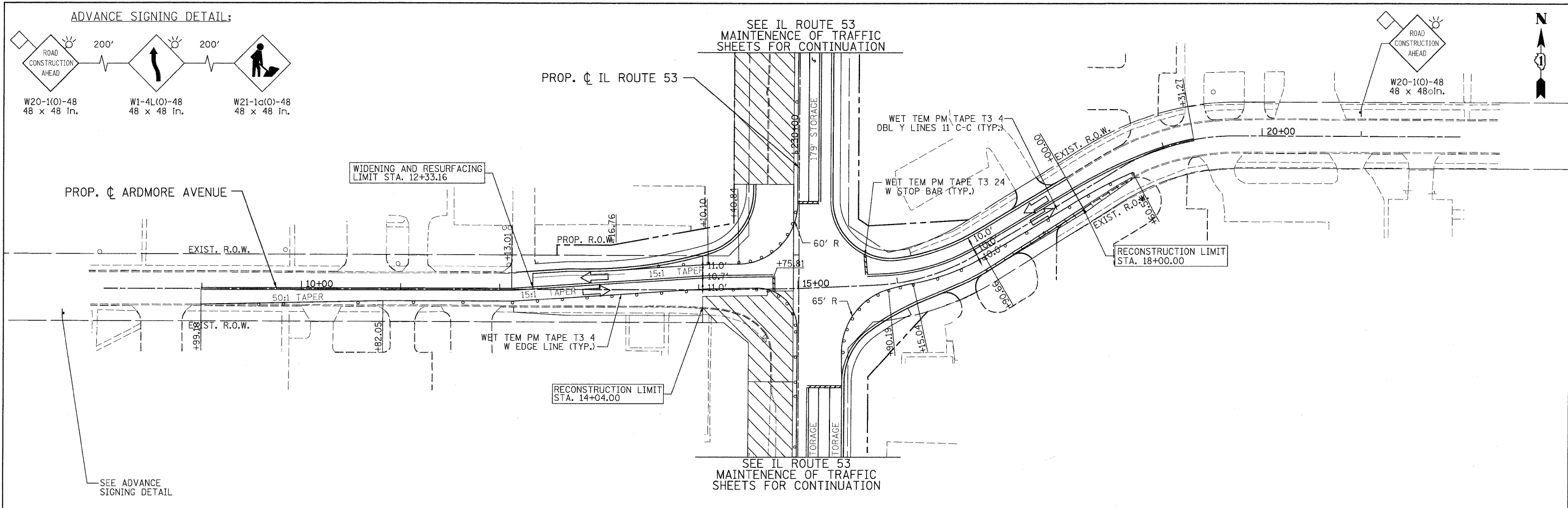


**ARDMORE AVENUE, THORNDALE AVENUE**  
**SUGGESTED STAGES OF CONSTRUCTION & TRAFFIC CONTROL**  
**STAGE 2 SUB-STAGE 2 PHASE 2**

SCALE: 1"=50' SHEET MOT-128 OF 136 STA. TO STA.

F.A. RTE. 2578	SECTION 532B	COUNTY	TOTAL SHEETS 781	SHEET NO. 234
FED. ROAD DIST. NO. ILLINOIS		FED. AID PROJECT		
CONTRACT NO. 60477				

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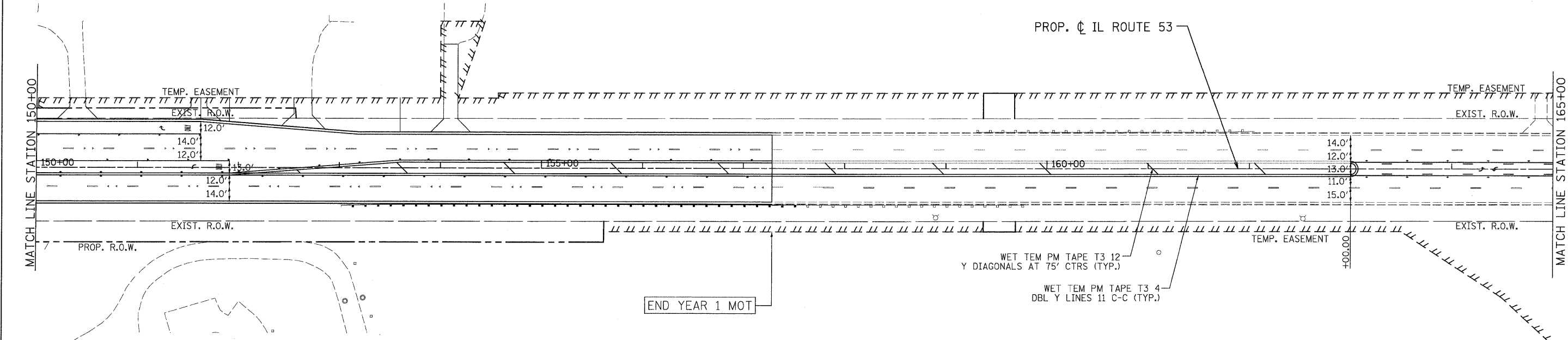
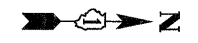


**LEGEND**

	TEMPORARY PAVEMENT		TYPE II BARRICADES OR DRUMS WITH STEADY BURNING LIGHTS @ 50 FT CENTERS ALONG ROADWAY (TANGENT), 25 FT CENTERS ALONG TAPERS AND 12 FT CENTERS ALONG RADII		VERTICAL PANEL WITH STEADY BURNING LIGHT 50 FT C-C
	WORK ZONE		TYPE III BARRICADES WITH FLASHING LIGHTS		DIRECTION OF TRAFFIC
	ARROW BOARD				

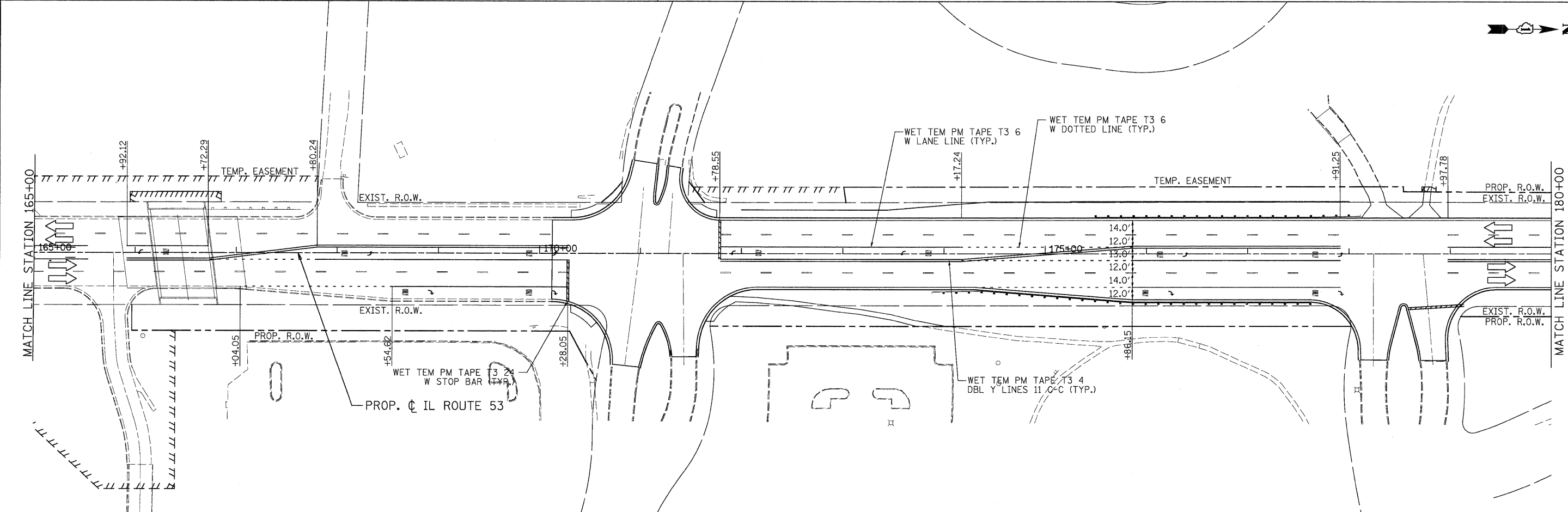
PATRICK ENGINEERING INC. 4970 VARSITY DRIVE LISLE, IL 60532 patrickengineering.com	USER NAME = ckersten(Lisle_R) PLOT CONFIG = PDF(Grey-Large).plt PLOT SCALE = 1:50 PLOT DATE = 12/3/2010	DESIGNED - MJV DRAWN - MJV CHECKED - JJC DATE - 12/3/2010	REVISED - REVISED - REVISED - REVISED -	Illinois Department of Transportation	<b>ARDMORE AVENUE, THORNDALE AVENUE</b> <b>SUGGESTED STAGES OF CONSTRUCTION &amp; TRAFFIC CONTROL</b> <b>STAGE 2 SUB-STAGE 3 PHASE 2</b>		F.A. RTE. 2578 SECTION 532B COUNTY DUPAGE TOTAL SHEETS 781 SHEET 101.03 CONTRACT NO. 60477
	SCALE: 1"=50' SHEET MOT-129 OF 136 STA. TO STA.	FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT					

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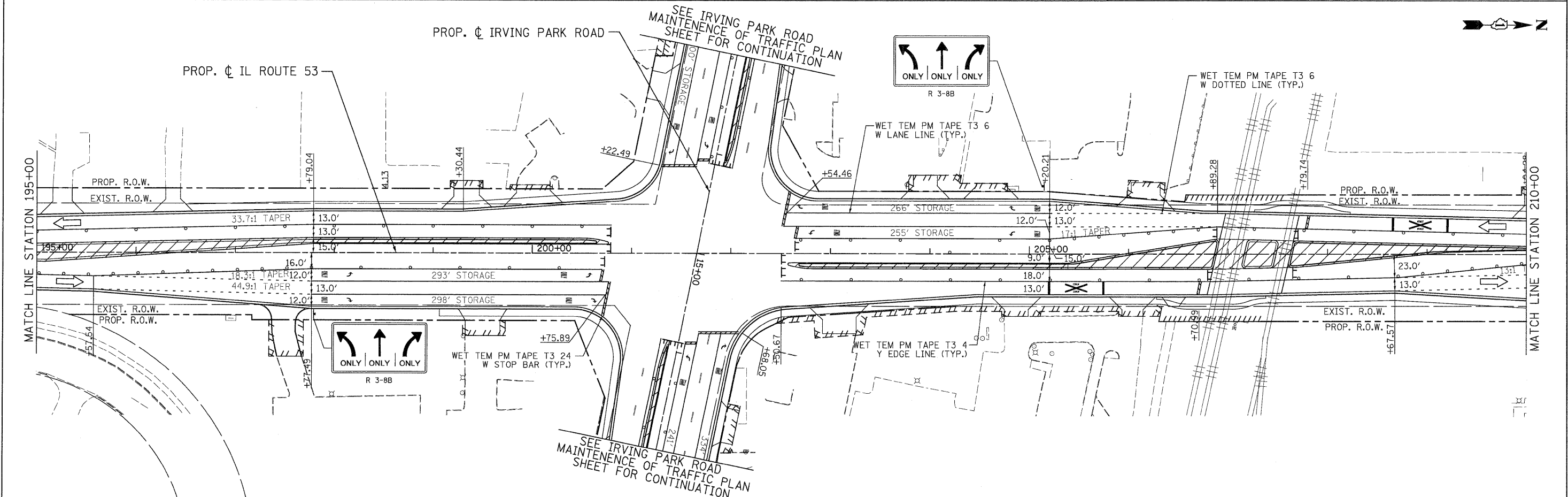
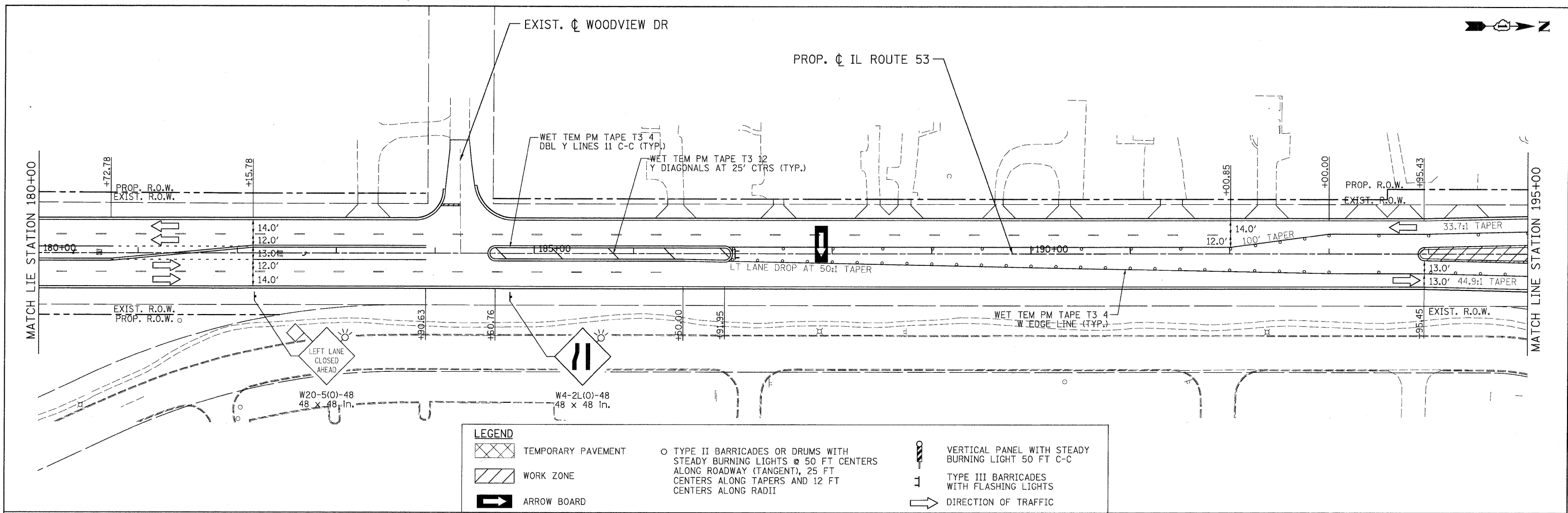
**LEGEND**

TEMPORARY PAVEMENT	TYPE II BARRICADES OR DRUMS WITH STEADY BURNING LIGHTS @ 50 FT CENTERS ALONG ROADWAY (TANGENT), 25 FT CENTERS ALONG TAPERS AND 12 FT CENTERS ALONG RADII	VERTICAL PANEL WITH STEADY BURNING LIGHT 50 FT C-C
WORK ZONE	TYPE III BARRICADES WITH FLASHING LIGHTS	DIRECTION OF TRAFFIC
ARROW BOARD		



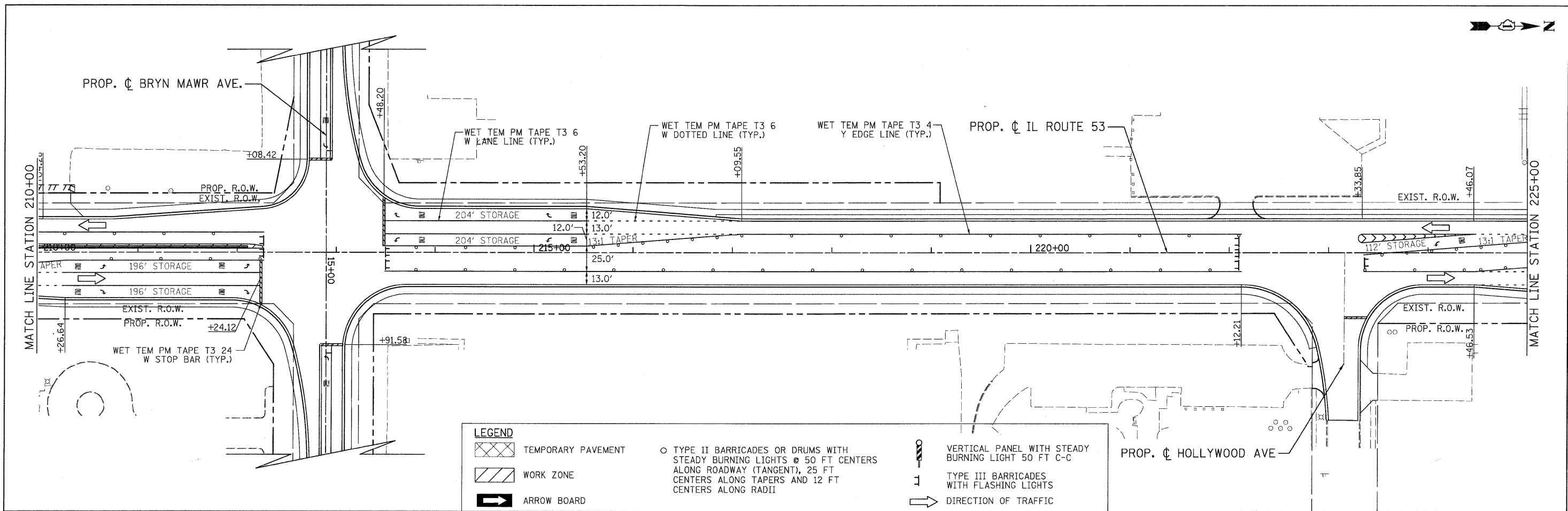
PATRICK ENGINEERING INC. 4970 VARSITY DRIVE LISLE, IL 60532 patrickengineering.com	USER NAME = ckersten@lisle.ri	DESIGNED - MJV	REVISED -	Illinois Department of Transportation	<b>ILLINOIS ROUTE 53</b> <b>SUGGESTED STAGES OF CONSTRUCTION &amp; TRAFFIC CONTROL</b> <b>STAGE 3 PHASE 2</b>			F.A.U. RTE. 2578	SECTION 532B	COUNTY	TOTAL SHEETS 781	SHEET NO. 236
	PLOT CONFIG = PDF(Grey, Large).plt	DRAWN - MJV	REVISED -		SCALE: 1"=50'	SHEET MOT-130 OF 136	STA. 150+00 TO STA. 180+00	FED. ROAD DIST. NO.	ILLINOIS FED. AID PROJECT	CONTRACT NO. 60477		
PLOT SCALE = 1:50	CHECKED - JJC	DATE - 12/3/2010	REVISED -									
PLOT DATE = 12/3/2010												

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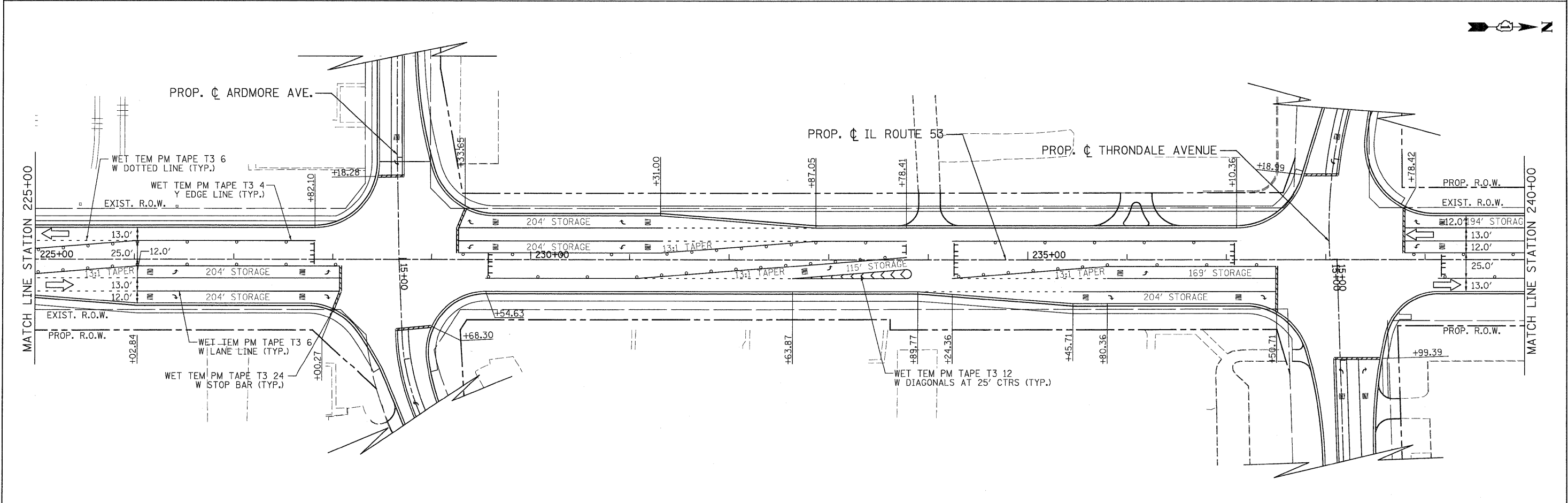
PATRICK ENGINEERING INC. 4970 VARSITY DRIVE LISLE, IL 60532 patrickengineering.com	USER NAME = ckersten(Lisle_R) PLOT CONFIG = PDF(Greg_Large).plt PLOT SCALE = 1:50 PLOT DATE = 12/3/2010	DESIGNED - MJV DRAWN - MJV CHECKED - JJC DATE - 12/3/2010	REVISED - REVISED - REVISED - REVISED -	Illinois Department of Transportation	<b>ILLINOIS ROUTE 53</b> <b>SUGGESTED STAGES OF CONSTRUCTION &amp; TRAFFIC CONTROL</b> <b>STAGE 3 PHASE 2</b>		F.A.U. RTE. 2578 SECTION 532B COUNTY DUPAGE TOTAL SHEETS 781 SHEET NO. 237	CONTRACT NO. 60477
	SCALE: 1"=50' SHEET MOT-131 OF 136 STA. 180+00 TO STA. 210+00				FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT			

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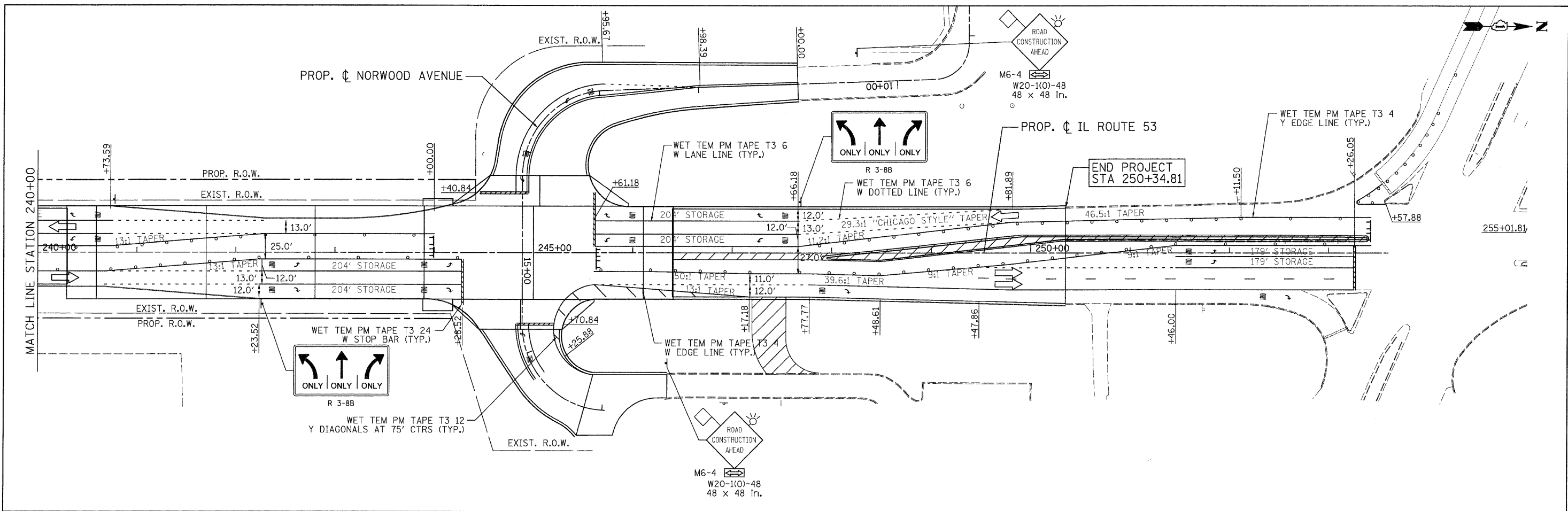
**LEGEND**

- TEMPORARY PAVEMENT
- WORK ZONE
- ARROW BOARD
- TYPE II BARRICADES OR DRUMS WITH STEADY BURNING LIGHTS @ 50 FT CENTERS ALONG ROADWAY (TANGENT), 25 FT CENTERS ALONG TAPERS AND 12 FT CENTERS ALONG RADII
- VERTICAL PANEL WITH STEADY BURNING LIGHT 50 FT C-C
- TYPE III BARRICADES WITH FLASHING LIGHTS
- DIRECTION OF TRAFFIC



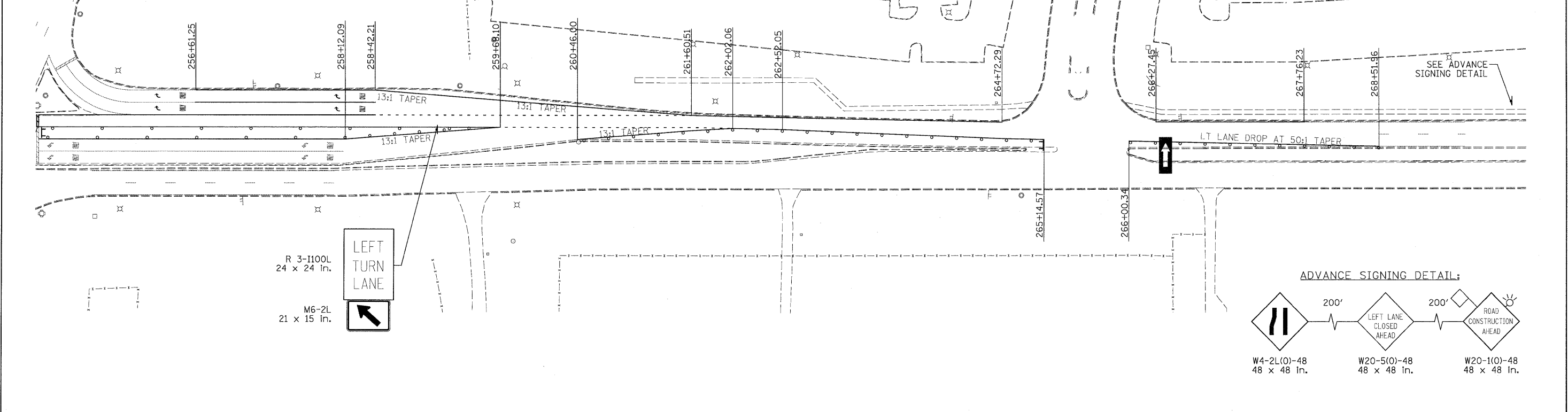
	PATRICK ENGINEERING INC. 4970 VARSITY DRIVE LISLE, IL 60532 patrickengineering.com	USER NAME = ckersten(Lisle_P)	DESIGNED - MJV	REVISED -		<b>ILLINOIS ROUTE 53 SUGGESTED STAGES OF CONSTRUCTION &amp; TRAFFIC CONTROL STAGE 3 PHASE 2</b>			F.A.U. RTE. 2578	SECTION 532B	COUNTY DUPAGE	TOTAL SHEETS 781	SHEET NO. 238
	PLOT CONFIG = PDFGreg_Large1.plt		PLOT SCALE = 1:50	CHECKED - JJC		REVISED -	SCALE: 1"=50'	SHEET	M01-132 OF 136	STA. 210+00 TO STA. 240+00	FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT		CONTRACT NO. 60477
PLOT DATE = 12/3/2010		DATE = 12/3/2010	REVISED -	REVISED -									

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**LEGEND**

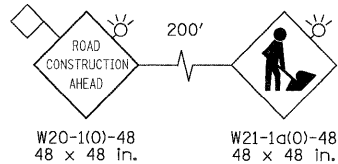
	TEMPORARY PAVEMENT		TYPE II BARRICADES OR DRUMS WITH STEADY BURNING LIGHTS @ 50 FT CENTERS ALONG ROADWAY (TANGENT), 25 FT CENTERS ALONG TAPERS AND 12 FT CENTERS ALONG RADII		VERTICAL PANEL WITH STEADY BURNING LIGHT 50 FT C-C
	WORK ZONE		TYPE III BARRICADES WITH FLASHING LIGHTS		DIRECTION OF TRAFFIC
	ARROW BOARD				



PATRICK ENGINEERING INC. 4970 VARSITY DRIVE LISLE, IL 60532 patrickengineering.com	USER NAME = ckerster(Lisle.R) PLOT CONFIG = PDF(Grey_Large).plt PLOT SCALE = 1:50 PLOT DATE = 12/3/2010	DESIGNED - MJV DRAWN - MJV CHECKED - JJC DATE - 12/3/2010	REVISED - REVISED - REVISED - REVISED -	Illinois Department of Transportation	<b>ILLINOIS ROUTE 53</b> <b>SUGGESTED STAGES OF CONSTRUCTION &amp; TRAFFIC CONTROL</b> <b>STAGE 3 PHASE 2</b>		F.A.U. RTE. 2578 SECTION 532B COUNTY DUPAGE TOTAL SHEETS 781 SHEET NO. 239 CONTRACT NO. 60477
	SCALE: 1"=50' SHEET MOT-133 OF 136 STA. 240+00 TO STA.				FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT		

G:\DOT\9356\_A0\_LL53\Drawings\CADD Sheets\019139797-sht-staging-239.dgn

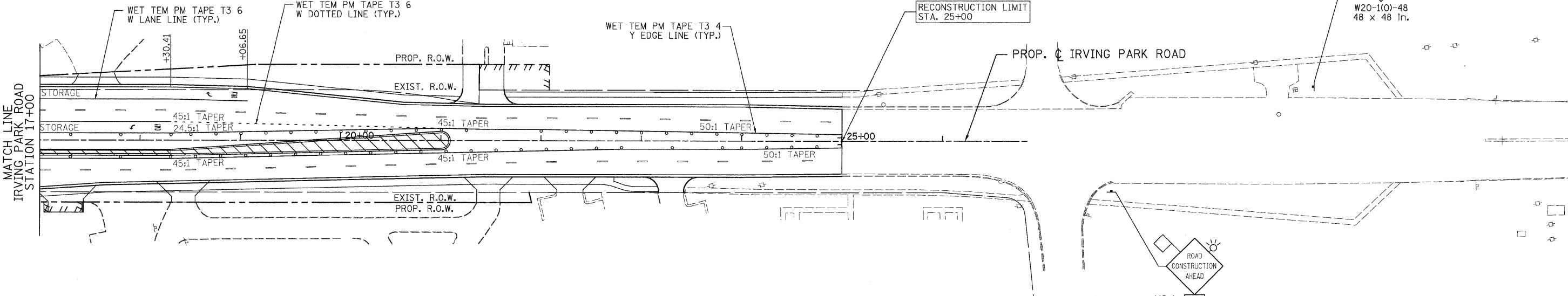
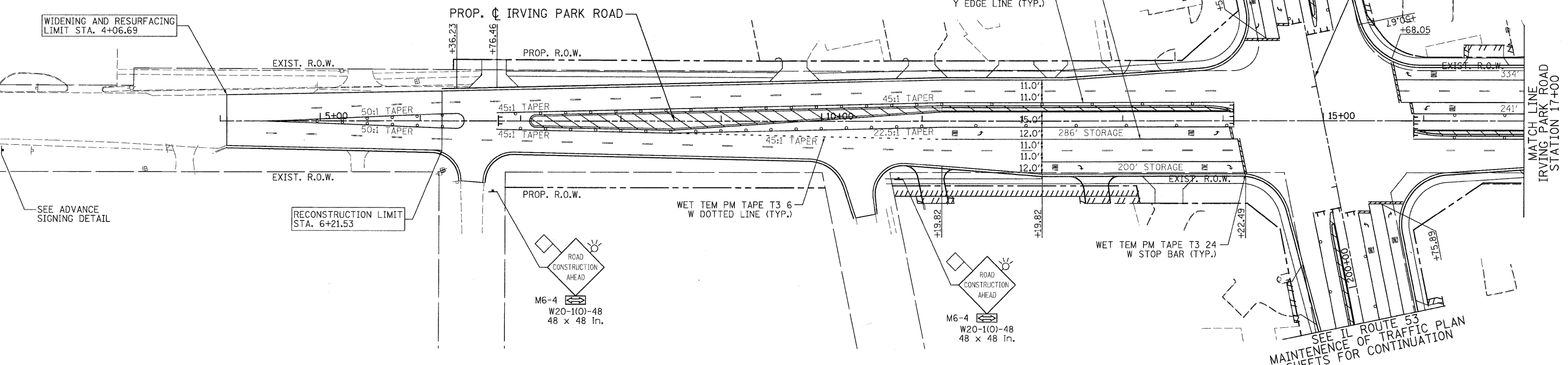
**ADVANCE SIGNING DETAIL:**



WIDENING AND RESURFACING  
LIMIT STA. 4+06.69

RECONSTRUCTION LIMIT  
STA. 6+21.53

RECONSTRUCTION LIMIT  
STA. 25+00



**LEGEND**

TEMPORARY PAVEMENT	TYPE II BARRICADES OR DRUMS WITH STEADY BURNING LIGHTS @ 50 FT CENTERS ALONG ROADWAY (TANGENT), 25 FT CENTERS ALONG TAPERS AND 12 FT CENTERS ALONG RADII	VERTICAL PANEL WITH STEADY BURNING LIGHT 50 FT C-C
WORK ZONE	TYPE III BARRICADES WITH FLASHING LIGHTS	DIRECTION OF TRAFFIC
ARROW BOARD		

 PATRICK ENGINEERING INC. 4970 VARSITY DRIVE LISLE, IL 60532 patrickengineering.com	USER NAME = ckersten\lisle.R	DESIGNED - MJV	REVISED -
	PLOT CONFIG = PDF\Grey-Large.plt	DRAWN - MJV	REVISED -
	PLOT SCALE = 1:50	CHECKED - JJC	REVISED -
	PLOT DATE = 12/3/2010	DATE - 12/3/2010	REVISED -



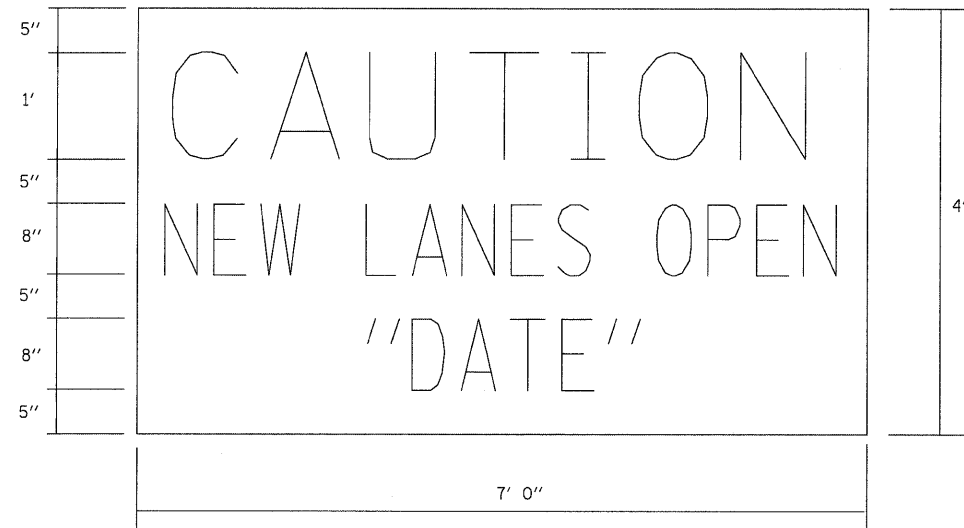
**IRVING PARK ROAD**  
**SUGGESTED STAGES OF CONSTRUCTION & TRAFFIC CONTROL**  
**STAGE 3 PHASE 2**

SCALE: 1"=50' SHEET MOT-134 OF 136 STA. 4+44.45 TO STA. 24+45.00

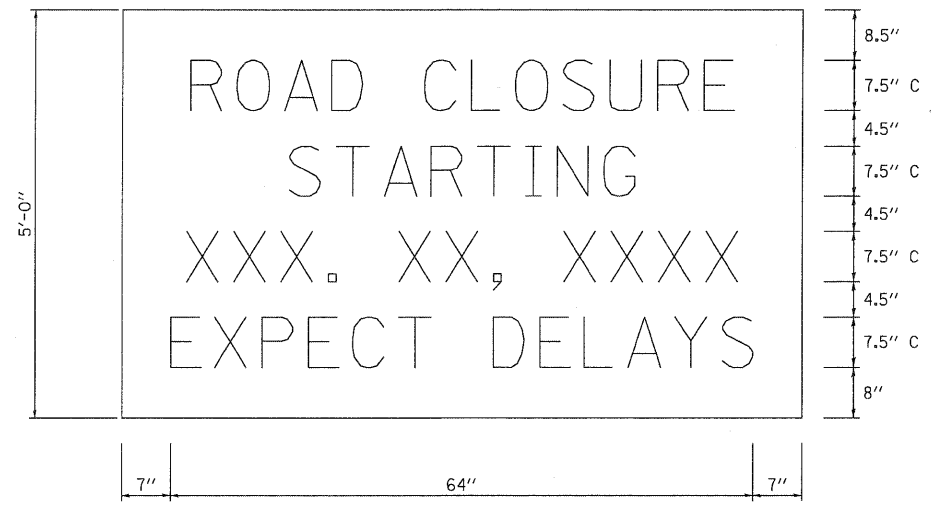
F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2578	532B	DUPAGE	781	240
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT			CONTRACT NO. 60477	

G:\1001\9356\_A0\_11.531\Drawings\CADD Sheets\10139797-ah- staging\_240.dgn

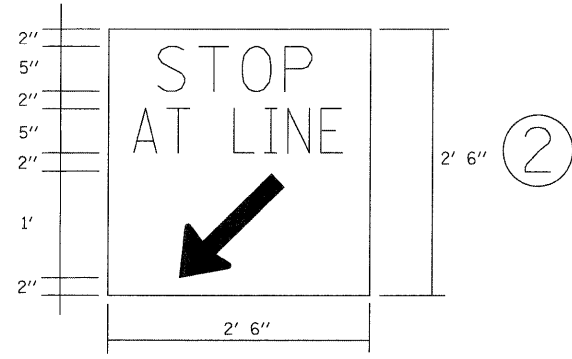
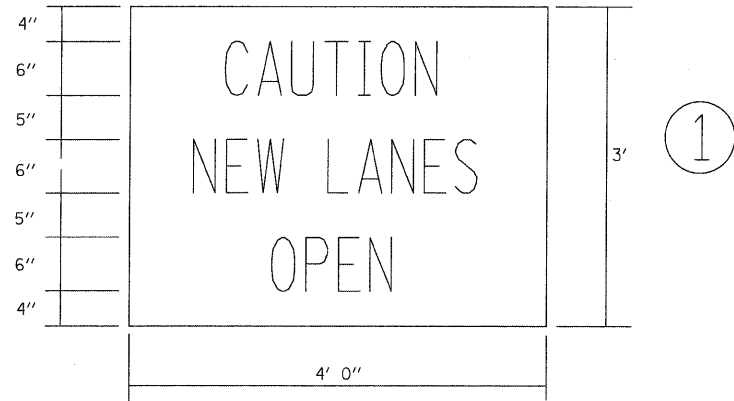




AT ENDS OF PROJECT

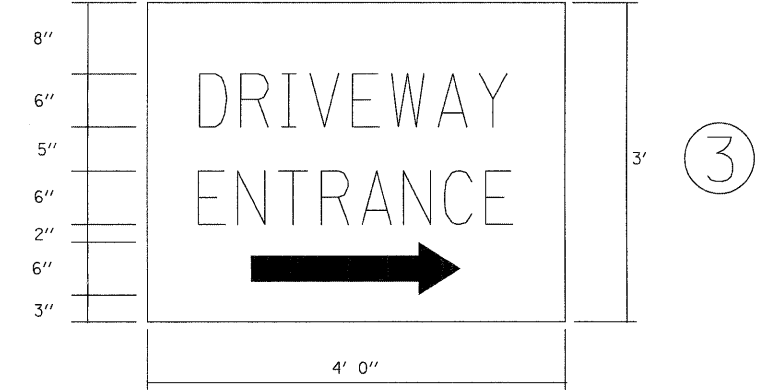


TEMPORARY INFORMATION SIGNING (BM-19)



AT SIDE ROADS  
(MOUNTED SEPARATELY)

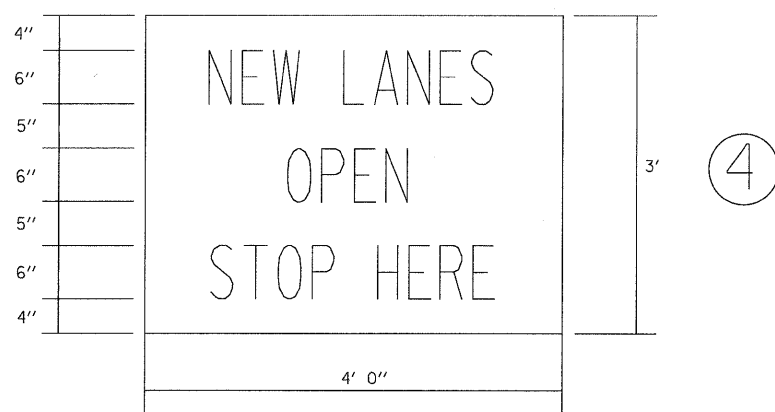
NOTE:  
ABOVE SIGN SHALL BE BLACK ON ORANGE  
REFLECTIVE BACKGROUND



AT COMMERCIAL ENTRANCES

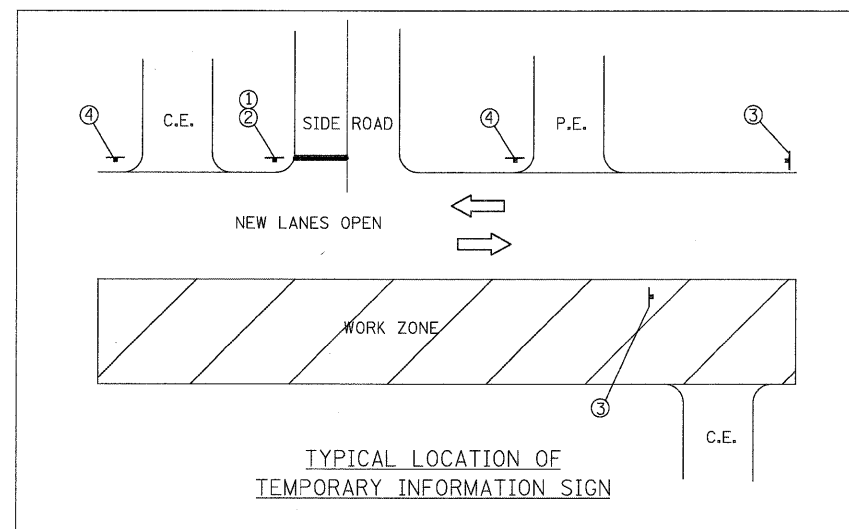
NOTE:  
SIGN SHALL BE GREEN ON WHITE REFLECTIVE  
BACKGROUND WITH .50 in. BORDER.  
TWO SIGNS SHALL BE USED AT EACH COMMERCIAL  
DRIVEWAY AS DIRECTED BY THE ENGINEER.  
HALF OF THE SIGNS SHALL REQUIRE THE ARROW  
TO POINT TO THE LEFT AND THE OTHER HALF  
TO THE RIGHT (AS SHOWN).

SEE SPECIAL PROVISION FOR "TEMPORARY  
INFORMATION SIGNS" FOR ADDITIONAL INFORMATION.  
ALL DIMENSIONS ARE IN FEET  
UNLESS OTHERWISE SHOWN.



AT ENTRANCES

NOTE:  
ABOVE SIGNS SHALL BE BLACK ON ORANGE  
REFLECTIVE BACKGROUND



TYPICAL LOCATION OF  
TEMPORARY INFORMATION SIGN



USER NAME = ckerster(Lisle.R)  
PLOT CONFIG = PDFI(Reg\_Large).plt  
PLOT SCALE = 1:50  
PLOT DATE = 12/3/2010

DESIGNED - MJV  
DRAWN - MJV  
CHECKED - CPK  
DATE - 12/3/2010

REVISED -  
REVISED -  
REVISED -  
REVISED -

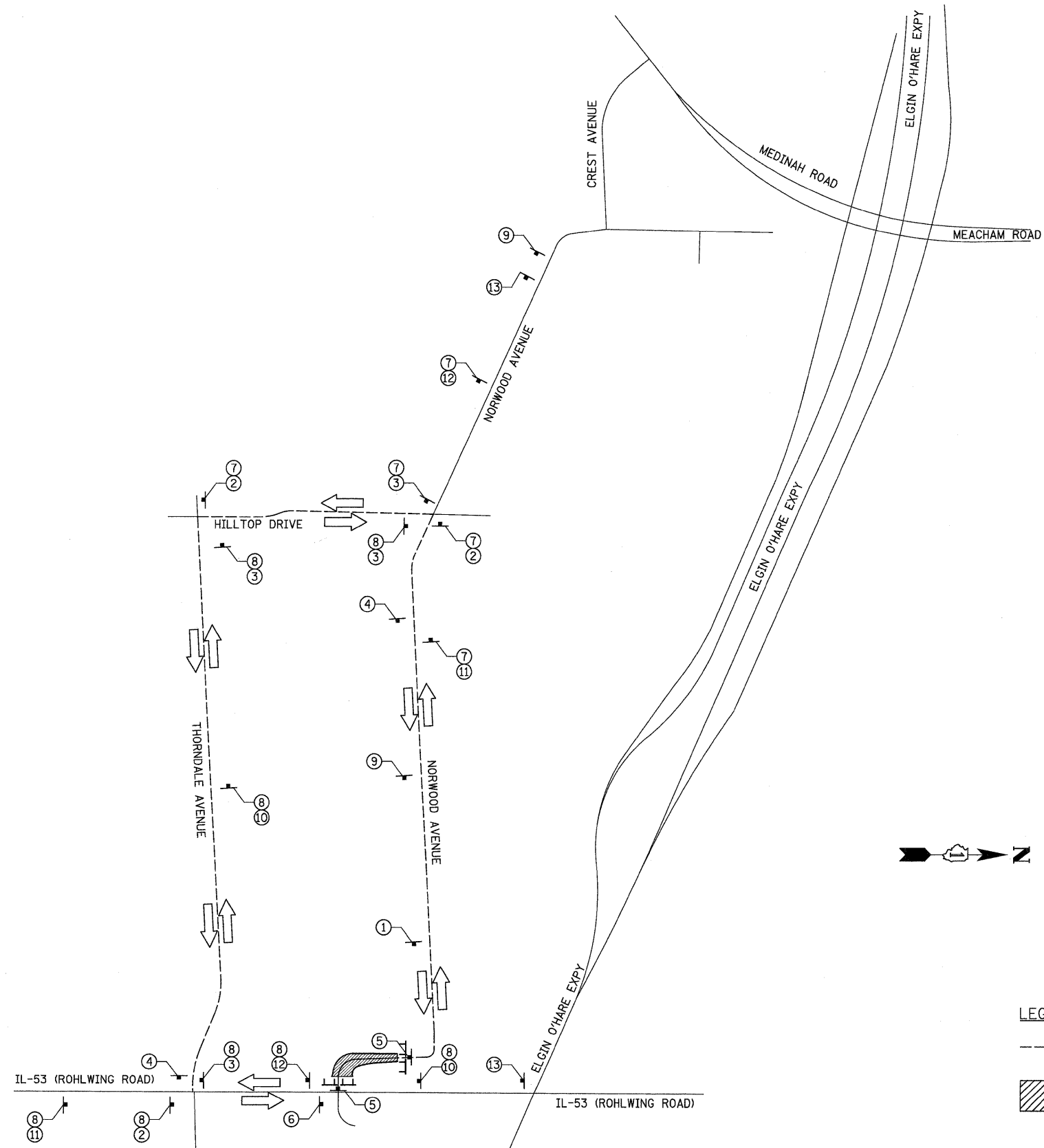


MCHENRY COUNTY  
DIVISION OF TRANSPORTATION

ILLINOIS ROUTE 53  
MAINTENANCE OF TRAFFIC  
TEMPORARY SIGNING DETAIL

SCALE: N/A SHEET NO. MOT-135 OF 136 STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2578	532B	DUPAGE	781	241
FED. ROAD DIST. NO.			ILLINOIS FED. AID PROJECT	
			CONTRACT NO. 60477	



- |   |  |                             |   |  |                             |
|---|--|-----------------------------|---|--|-----------------------------|
| ① |  | W20-3 36" X 36"             | ⑦ |  | M3-3 24" X 9"               |
|   |  |                             | ⑧ |  | M3-4 24" X 9"               |
| ② |  | 36" X 9"<br>M4-9L 30" X 24" | ⑨ |  | R11-2 48" X 30"             |
| ③ |  | 36" X 9"<br>M4-9R 30" X 24" | ⑩ |  | 36" X 9"<br>M4-9 30" X 24"  |
| ④ |  | M4-8A 24" X 18"             | ⑪ |  | 36" X 9"<br>M4-9L 30" X 24" |
| ⑤ |  | R11-2 48" X 30"             | ⑫ |  | 36" X 9"<br>M4-9R 30" X 24" |
| ⑥ |  | R3-2 24" X 24"              | ⑬ |  | W20-2 36" X 36"             |

**LEGEND**

- PROPOSED DETOUR ROUTE
- WORK ZONE
- TYPE III BARRICADE

**NOTE:**

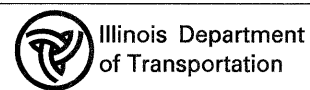
- IDOT FORM OPER 2410 SHOULD BE FILLED OUT BY THE CONTRACTOR A MINIMUM OF 3 WEEKS PRIOR TO THE STREET CLOSURE FOR DETOUR ROUTES ASSOCIATED WITH IDOT ROUTES. THIS FORM SHOULD BE SUBMITTED TO CORY JUCIUS AT IDOT DISTRICT 1 FOR REVIEW.
- THE TEMPORARY DETOUR IS INCLUDED IN THE CONTRACT UNIT PRICE PER LUMP SUM FOR "TRAFFIC CONTROL AND PROTECTION FOR TEMPORARY DETOUR".
- DISTANCE BETWEEN ALL ADVANCE WARNING SIGNS SHOULD BE 500' PER THE LATEST EDITION OF THE MUTCD.
- STAGE 2 THORNDALE AVE CONSTRUCTION SHALL NOT OCCUR AT THE SAME TIME OF THE DETOUR FOR NORWOOD AVE.

**PATRICK ENGINEERING INC.**  
 4670 VARSITY DRIVE  
 LISLE, IL 60532  
 patrickengineering.com

USER NAME = ckersten@lisle\_r  
 PLOT CONFIG = PDF(Gray-Large).plt  
 PLOT SCALE = 1:1250  
 PLOT DATE = 12/3/2010

DESIGNED - ERC  
 DRAWN - ERC  
 CHECKED - JJC  
 DATE - 12/3/2010

REVISED -  
 REVISED -  
 REVISED -  
 REVISED -



**DETOUR PLAN FOR  
 STAGE 2 ROAD CLOSURE AT NORWOOD AVE.**

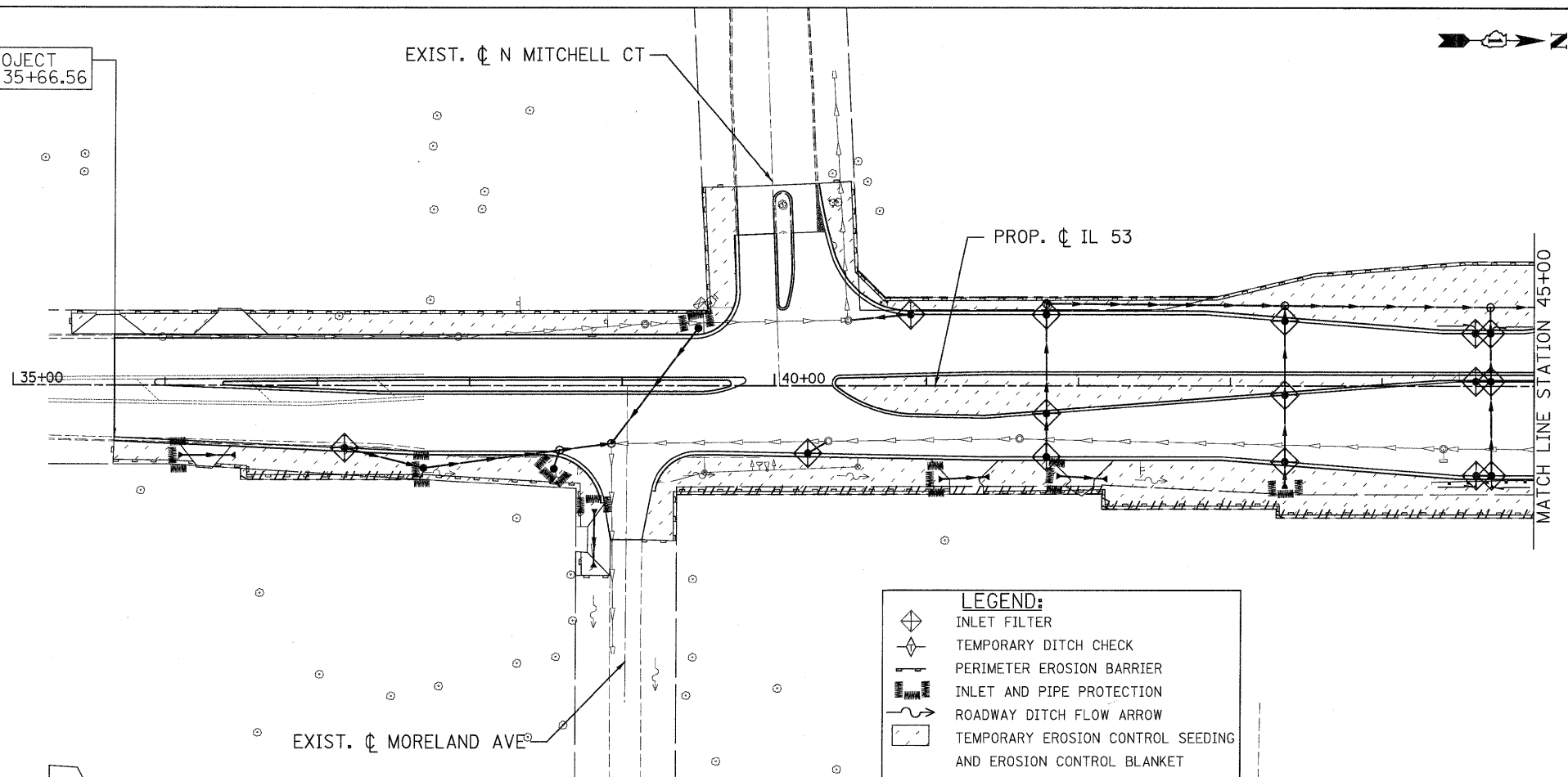
SCALE: NONE SHEET MOT-136 OF 136 STA. TO STA.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2578	532B	DUPAGE	781	242
CONTRACT NO.				
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT				

**EROSION CONTROL GENERAL NOTES:**

1. THE CONSTRUCTION LIMIT WILL BE STAKED/APPROVED BY THE ENGINEER PRIOR TO COMMENCING CONSTRUCTION. THE CONSTRUCTION LIMITS MAY BE ADJUSTED BY THE ENGINEER TO PRESERVE TREES AND NO ADDITIONAL COMPENSATION WILL BE PAID TO THE CONTRACTOR FOR CHANGES IN THE CONSTRUCTION LIMITS.
2. EROSION CONTROL ITEMS ARE CONSIDERED TO BE HIGH PRIORITY ITEMS ON THIS CONTRACT. THE ENGINEER WILL IMPLEMENT ALL PROVISIONS OF THE SPECIFICATION NECESSARY TO ASSURE THAT EROSION CONTROL ITEMS ARE CONSTRUCTED AND MAINTAINED IN A TIMELY WAY. ALL EROSION CONTROL MEASURES SHALL BE INSTALLED PRIOR TO BEGINNING ANY CONSTRUCTION ACTIVITIES WHICH WILL POTENTIALLY CREATE ERODABLE CONDITIONS.
3. THE EROSION CONTROL MEASURES SHOWN ARE BUT A GRAPHICAL REPRESENTATION OF SUGGESTED MEASURES. DEVIATIONS FROM THIS PLAN ARE TO BE EXPECTED PENDING A JOBSITE INSPECTION BETWEEN THE CONTRACTOR AND THE DEPARTMENT.
4. THE CONTRACTOR WILL BE REQUIRED TO IMPLEMENT AND MAINTAIN SEDIMENT CONTROL MEASURES PRIOR TO STRIPPING EXISTING VEGETATION.
5. TEMPORARY EROSION CONTROL SEEDING SHALL BE PROVIDED PER SUB-STAGE AS SOON AS ROUGH GRADING IS COMPLETED IN A SECTION.
6. ANY AREA WHERE THERE IS NO PROPOSED GRADING THE EXISTING GROUND COVER SHALL REMAIN.
7. THE CONTRACTOR SHALL PROVIDE TO THE RESIDENT ENGINEER A PLAN TO HAVE A STABILIZED CONNECTION BETWEEN UPSTREAM AND DOWNSTREAM ENDS OF STORM SEWERS UNDER CONSTRUCTION WHEN RAIN IS FORECASTED DURING STORM SEWER CONSTRUCTION, SO THAT FLOW WILL NOT CAUSE EROSION.

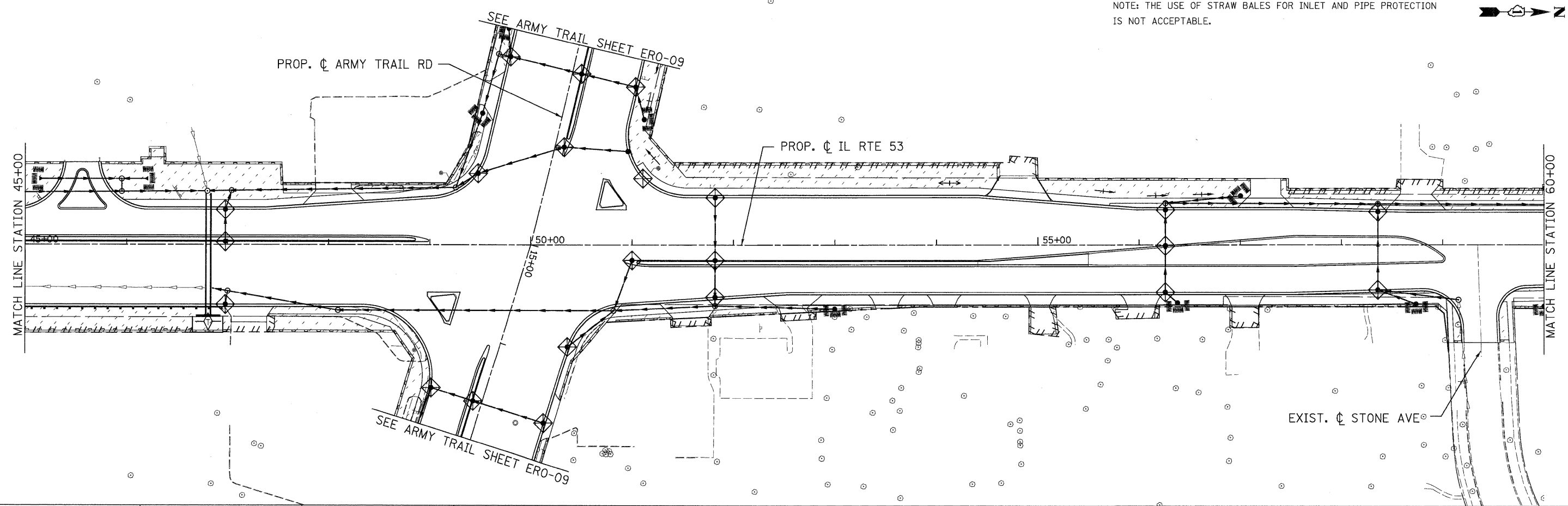
BEGIN PROJECT  
STATION 35+66.56



**LEGEND:**

- INLET FILTER
- TEMPORARY DITCH CHECK
- PERIMETER EROSION BARRIER
- INLET AND PIPE PROTECTION
- ROADWAY DITCH FLOW ARROW
- TEMPORARY EROSION CONTROL SEEDING AND EROSION CONTROL BLANKET







NOTE: THE USE OF STRAW BALES FOR INLET AND PIPE PROTECTION IS NOT ACCEPTABLE.

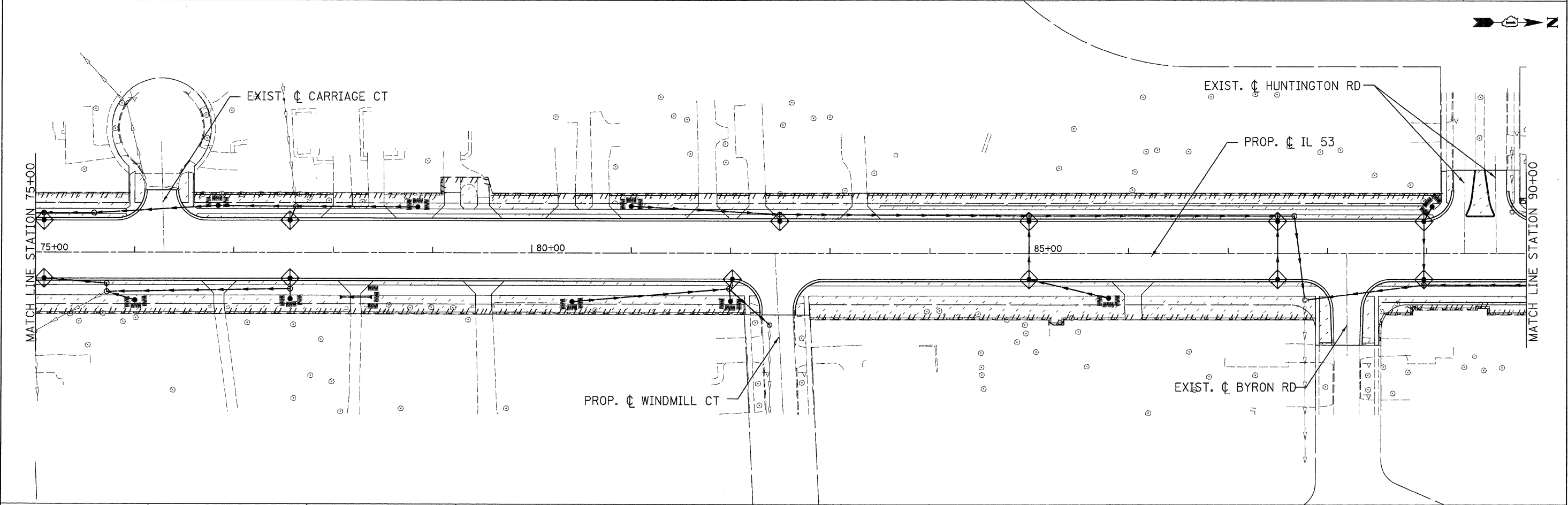
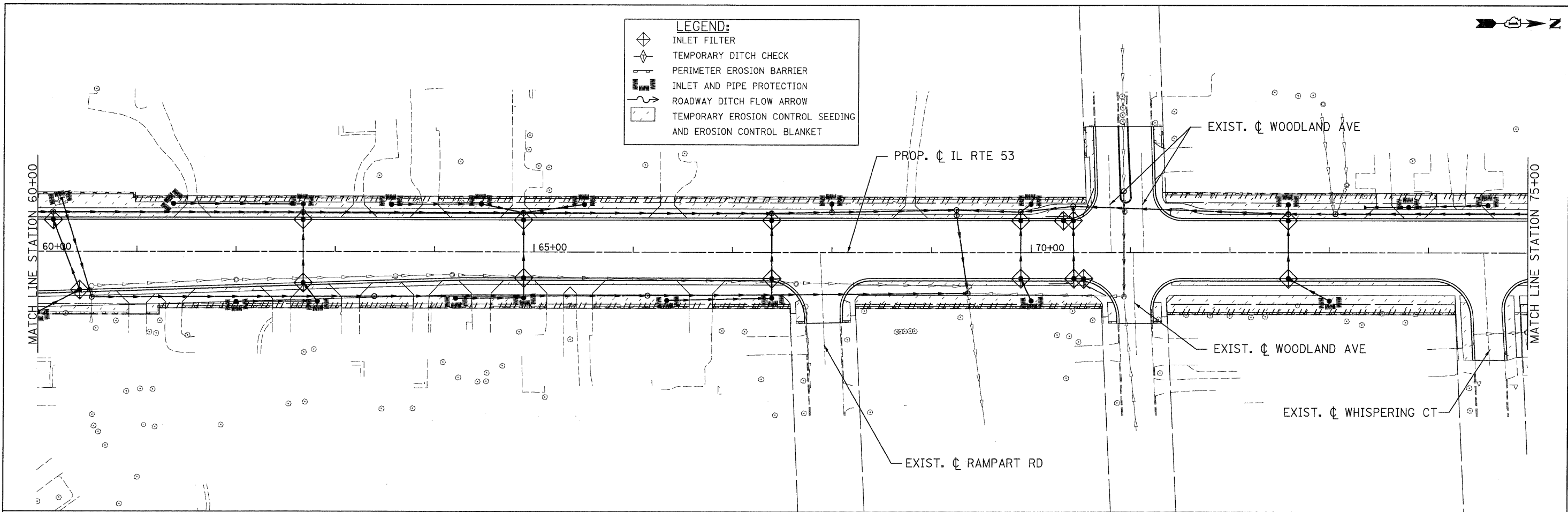


PATRICK ENGINEERING INC. 4970 VARSITY DRIVE LISLE, IL 60532 patrickengineering.com	USER NAME = akersten(Lisle.R)	DESIGNED - J. MACKE	REVISED -	Illinois Department of Transportation	ILLINOIS ROUTE 53 SOIL EROSION AND SEDIMENT CONTROL PLAN		F.A.U. RTE. 2578	SECTION 532B	COUNTY DUPAGE	TOTAL SHEETS 781	SHEET NO. 243
	PLOT CONFIG = PDF(Grey-Large).plt	DRAWN - J. MACKE	REVISED -		SCALE: 1"=50'	SHEET ERO-01 OF 13	STA. 35+66.56 TO STA. 60+00	FED. ROAD DIST. NO.	ILLINOIS FED. AID PROJECT	CONTRACT NO. 60477	
	PLOT SCALE = 1:50	CHECKED - D. DOERFLER	REVISED -								
	PLOT DATE = 12/3/2010	DATE - 12/3/2010	REVISED -								

G:\1001\9356\_A2(IL53)\Drawings\CADD Sheets\019139797-sht-eros.243.dgn

**LEGEND:**

-  INLET FILTER
-  TEMPORARY DITCH CHECK
-  PERIMETER EROSION BARRIER
-  INLET AND PIPE PROTECTION
-  ROADWAY DITCH FLOW ARROW
-  TEMPORARY EROSION CONTROL SEEDING AND EROSION CONTROL BLANKET

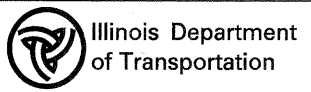


**PATRICK ENGINEERING INC.**  
 4970 VARSITY DRIVE  
 LISLE, IL 60532  
 patrickengineering.com

USER NAME = ckersten(Lisle\_R)  
 PLOT CONFIG = PDF(Grey\_Large).plt  
 PLOT SCALE = 1:50  
 PLOT DATE = 12/3/2010

DESIGNED - D. DOERFLER  
 DRAWN - C. HELLAND  
 CHECKED - A. JAMES  
 DATE - 12/3/2010

REVISED -  
 REVISED -  
 REVISED -  
 REVISED -

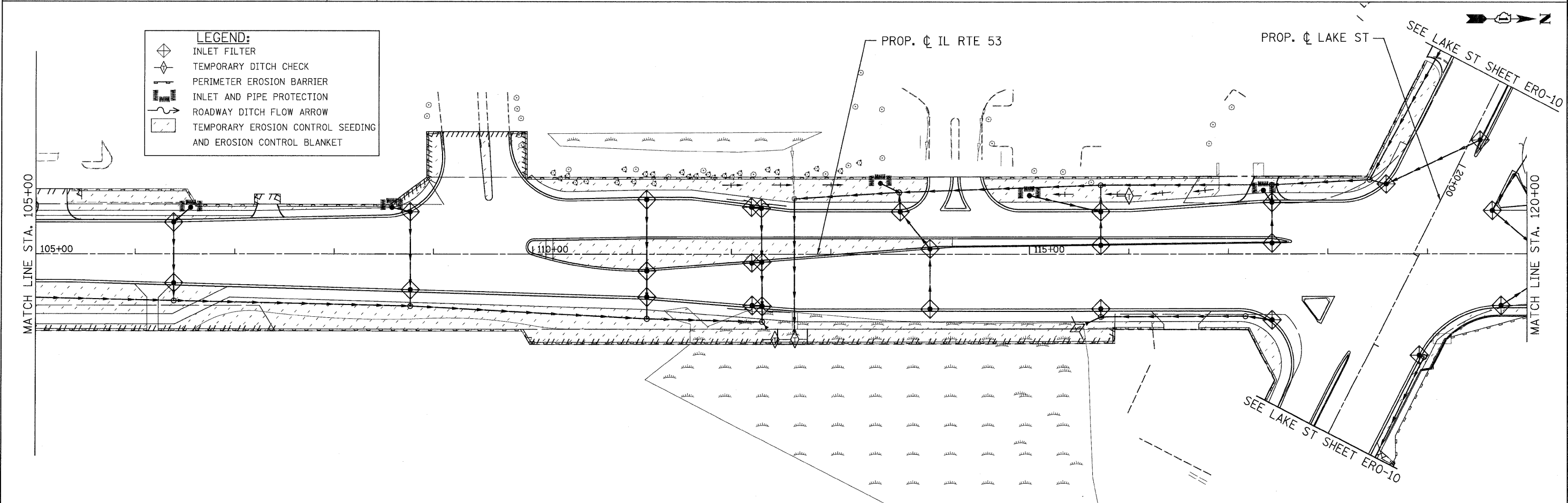
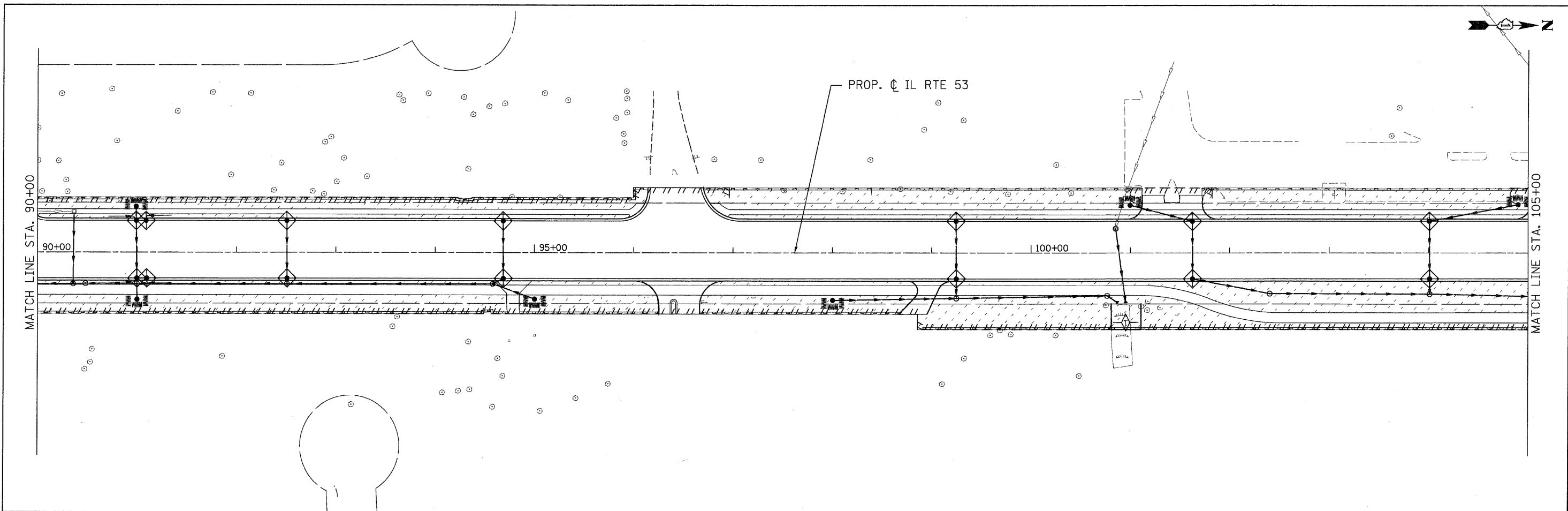


**ILLINOIS ROUTE 53  
 SOIL EROSION AND SEDIMENT CONTROL PLAN**







SCALE: 1"=50' SHEET ERO-02 OF 13 STA. 60+00 TO STA. 90+00



F.A.U. RTE. 2578	SECTION 532B	COUNTY DUPAGE	TOTAL SHEETS 781	SHEET NO. 244
CONTRACT NO. 60477				
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT				

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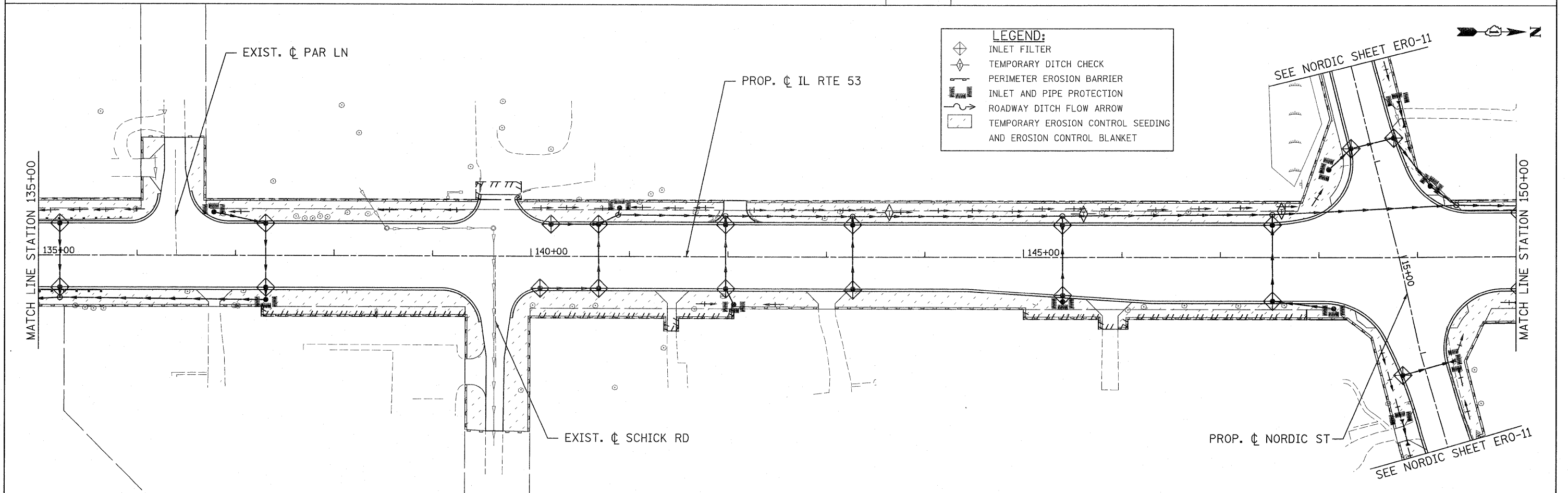
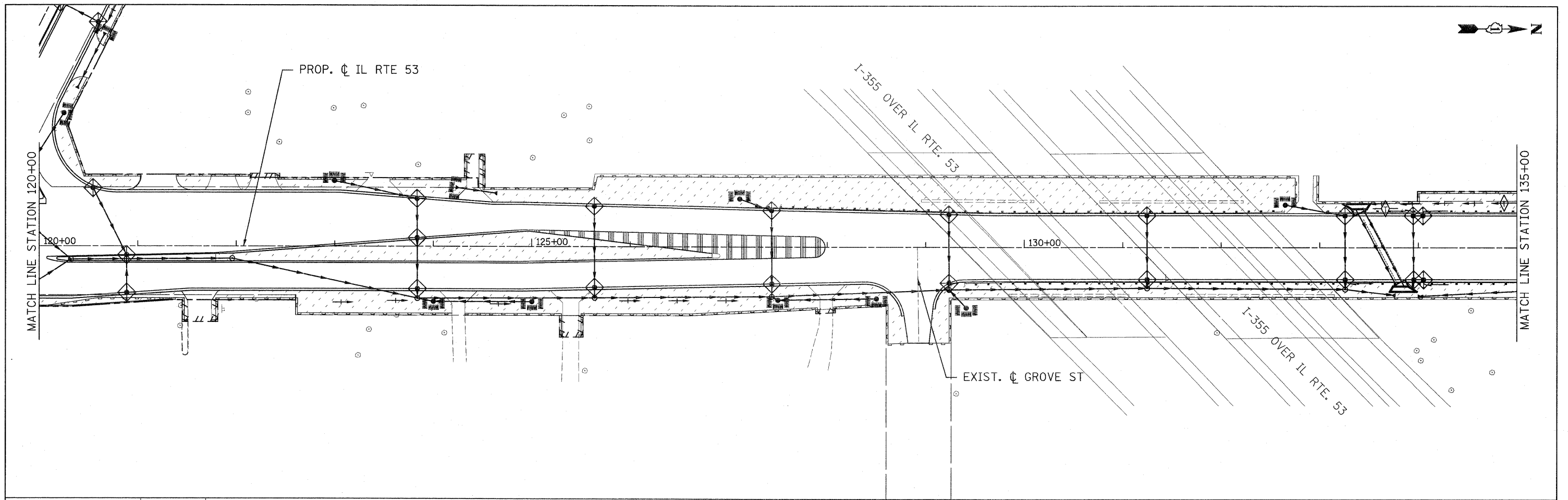


**LEGEND:**

-  INLET FILTER
-  TEMPORARY DITCH CHECK
-  PERIMETER EROSION BARRIER
-  INLET AND PIPE PROTECTION
-  ROADWAY DITCH FLOW ARROW
-  TEMPORARY EROSION CONTROL SEEDING AND EROSION CONTROL BLANKET

	PATRICK ENGINEERING INC. 4970 VARSITY DRIVE LISLE, IL 60532 patrickengineering.com	USER NAME = ckersten(Lisle_R) PLOT CONFIG = PDFGray_Large.plt PLOT SCALE = 1:50 PLOT DATE = 12/3/2012	DESIGNED - D.DOERFLER DRAWN - J.MACKE CHECKED - A.JAMES DATE - 12/3/2010	REVISED - REVISED - REVISED - REVISED -	 Illinois Department of Transportation	<b>ILLINOIS ROUTE 53 SOIL EROSION AND SEDIMENT CONTROL PLAN</b>	F.A.U. RTE. 2578	SECTION 532B	COUNTY DUPAGE	TOTAL SHEETS 781	SHEET NO. 245	CONTRACT NO. 60477
	SCALE: 1"=50'						SHEET	ERO-03 OF 13	STA. 90+00	TO STA. 120+00	FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT	

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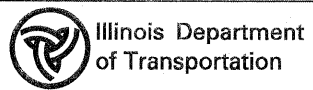
- LEGEND:**
- INLET FILTER
  - TEMPORARY DITCH CHECK
  - PERIMETER EROSION BARRIER
  - INLET AND PIPE PROTECTION
  - ROADWAY DITCH FLOW ARROW
  - TEMPORARY EROSION CONTROL SEEDING AND EROSION CONTROL BLANKET

**PATRICK ENGINEERING INC.**  
 4970 VARSITY DRIVE  
 LISLE, IL 60532  
 patrickengineering.com

USER NAME = ckersten(Lisle.R)  
 PLOT CONFIG = PDF(Greg.Large).plt  
 PLOT SCALE = 1:600  
 PLOT DATE = 1/25/2011

DESIGNED - D.DOERFLER  
 DRAWN - J.MACKE  
 CHECKED - A.JAMES  
 DATE - 01/31/2011

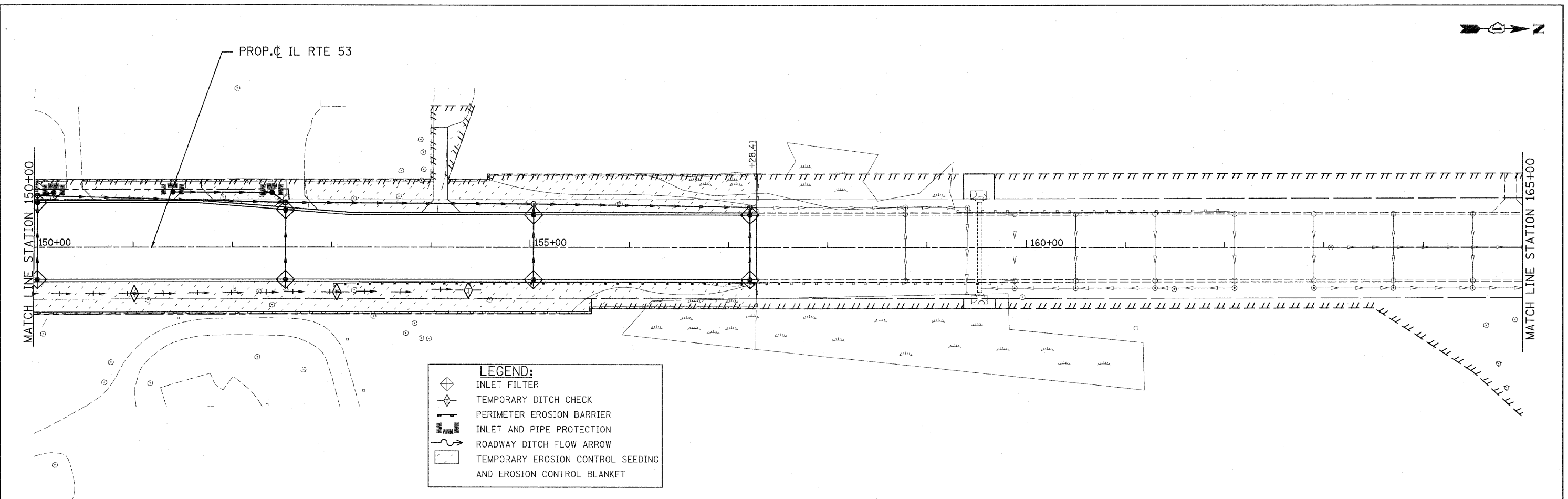
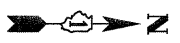
REVISED -  
 REVISED -  
 REVISED -  
 REVISED -



**ILLINOIS ROUTE 53  
 SOIL EROSION AND SEDIMENT CONTROL PLAN**

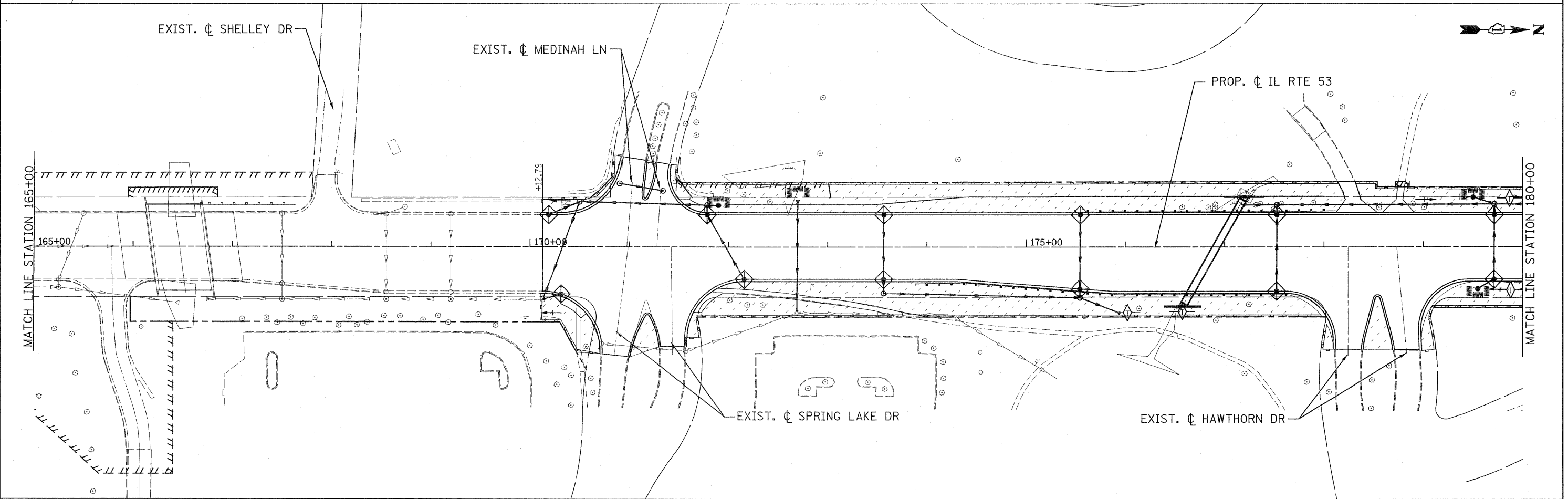
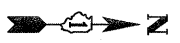
SCALE: 1"=50' SHEET ERO-04 OF 13 STA. 120+00 TO STA. 150+00

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2578	532B	DUPAGE	781	246
CONTRACT NO. 60477				
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT				



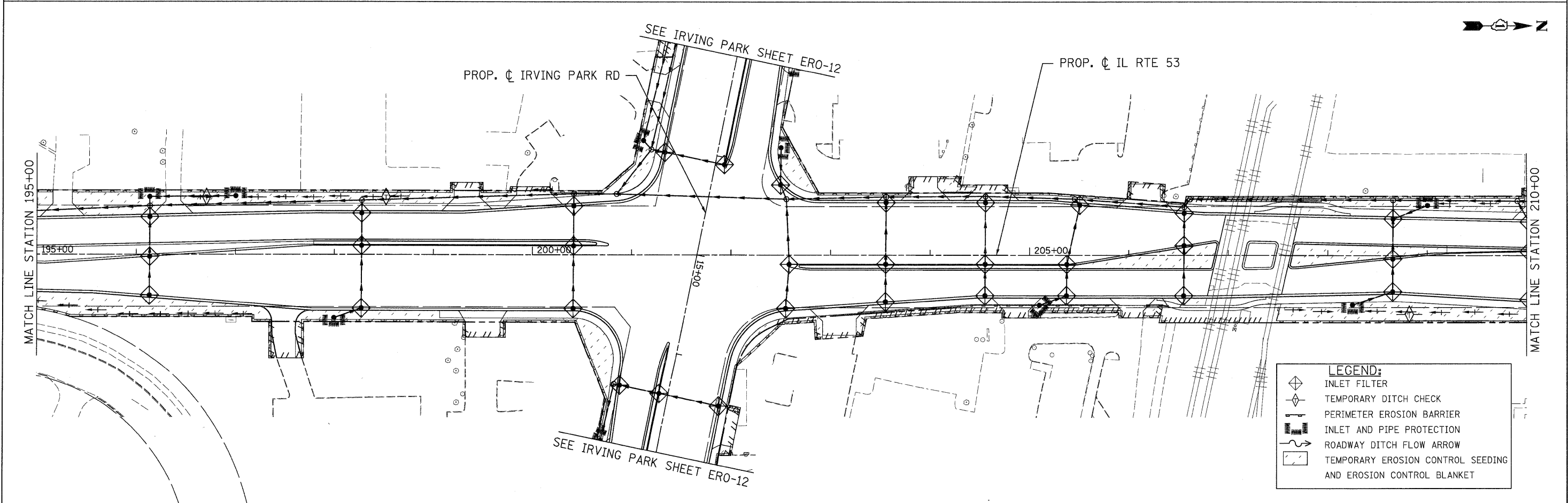
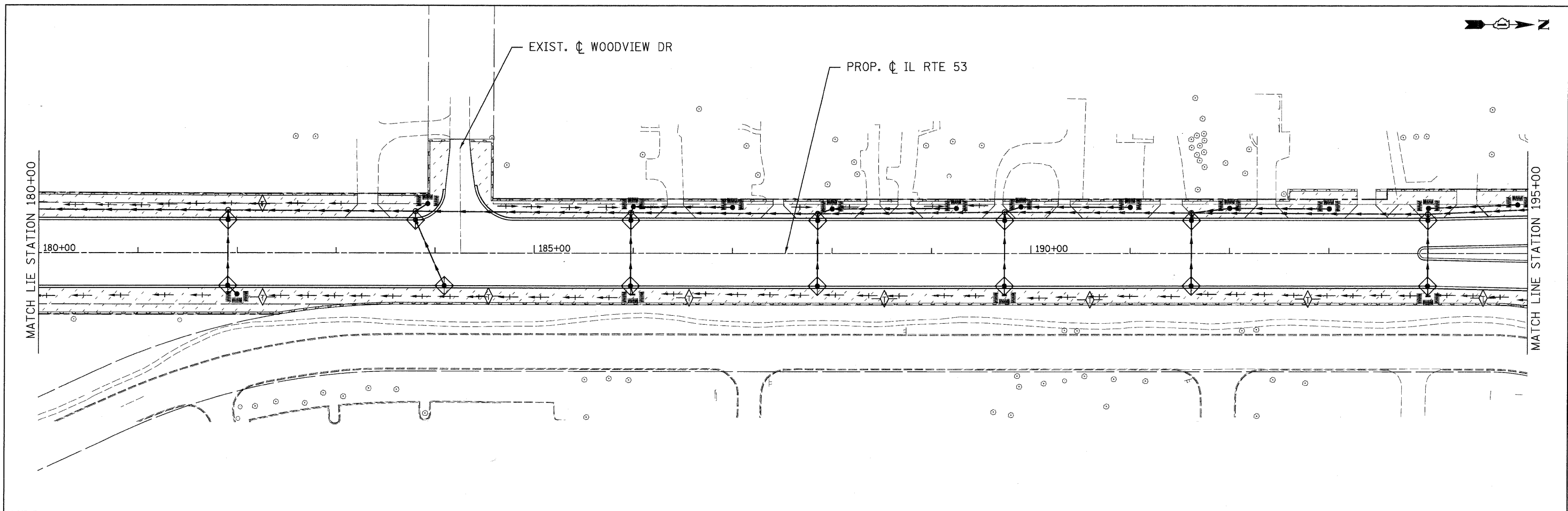
**LEGEND:**

- INLET FILTER
- TEMPORARY DITCH CHECK
- PERIMETER EROSION BARRIER
- INLET AND PIPE PROTECTION
- ROADWAY DITCH FLOW ARROW
- TEMPORARY EROSION CONTROL SEEDING AND EROSION CONTROL BLANKET



	PATRICK ENGINEERING INC. 4970 VARSITY DRIVE LISLE, IL 60532 patrickengineering.com	USER NAME = ckersten@lisle.r PLOT CONFIG = PDF(Grey, Large).plt PLOT SCALE = 1:600 PLOT DATE = 1/25/2011	DESIGNED - D.DOERFLER DRAWN - J.MACKE CHECKED - A.JAMES DATE - 01/31/2011	REVISED - REVISED - REVISED - REVISED -		<b>ILLINOIS ROUTE 53</b> <b>SOIL EROSION AND SEDIMENT CONTROL PLAN</b>	F.A.U. RTE. 2578	SECTION 532B	COUNTY DUPAGE	TOTAL SHEETS 781	SHEET NO. 247
	SCALE: 1"=50'    SHEET ERO-05 OF 13    STA. 150+00 TO STA. 180+00						FED. ROAD DIST. NO.    ILLINOIS FED. AID PROJECT    CONTRACT NO. 60477				

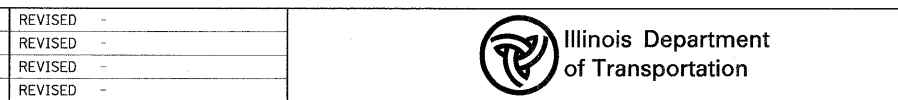
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**LEGEND:**

- INLET FILTER
- TEMPORARY DITCH CHECK
- PERIMETER EROSION BARRIER
- INLET AND PIPE PROTECTION
- ROADWAY DITCH FLOW ARROW
- TEMPORARY EROSION CONTROL SEEDING AND EROSION CONTROL BLANKET

PATRICK ENGINEERING INC. 4970 VARSITY DRIVE LISLE, IL 60532 patrickengineering.com	USER NAME = ckersten(Lisla_R)	DESIGNED - D.DOERFLER	REVISED -
	PLOT CONFIG = PDFI(Reg-Large).plt	DRAWN - J.MACKE	REVISED -
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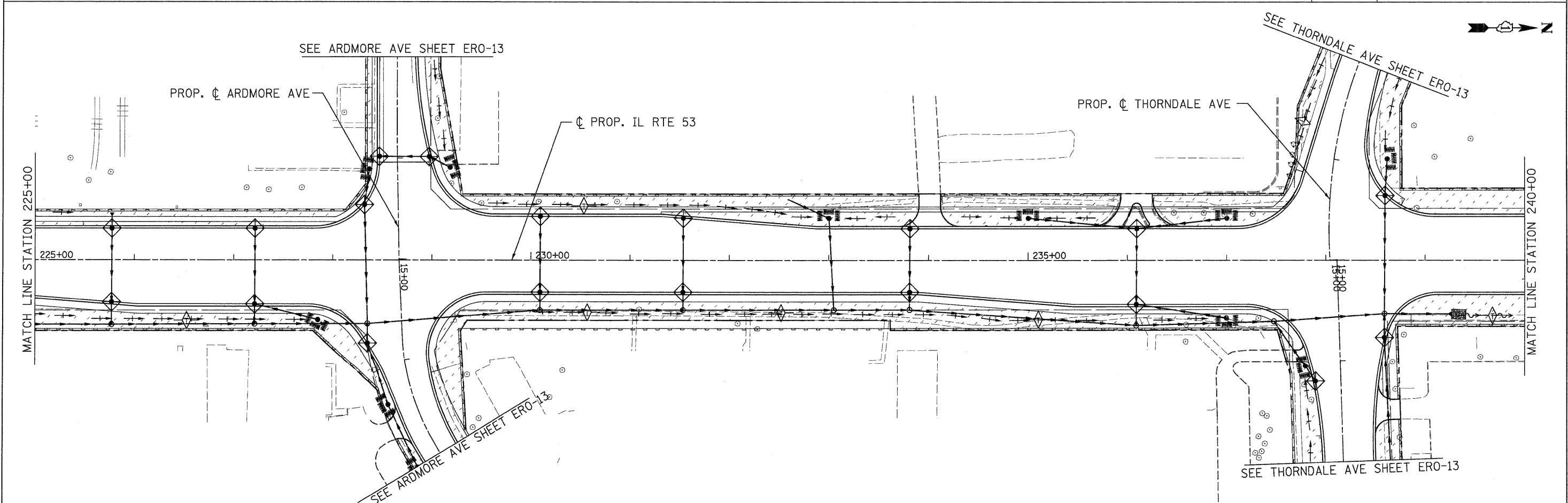
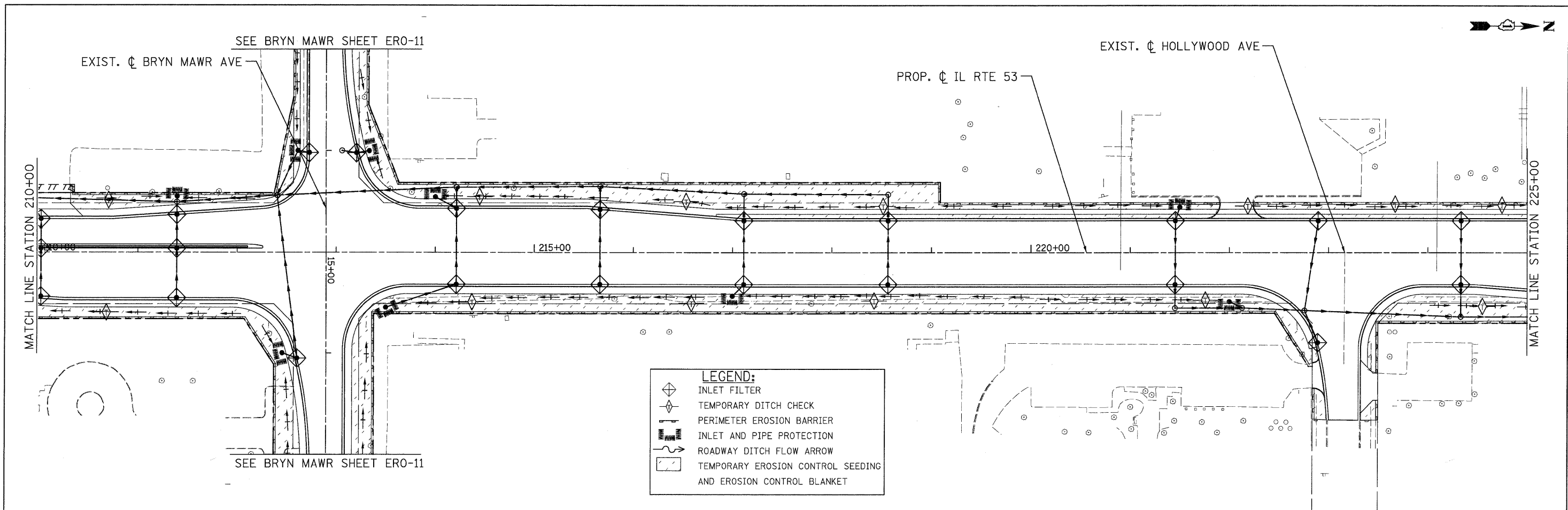


<b>ILLINOIS ROUTE 53 SOIL EROSION AND SEDIMENT CONTROL PLAN</b>			
SCALE: 1"=50'	SHEET	ERO-06 OF 13	STA. 180+00 TO STA. 210+00

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2578	532B	DUPAGE	781	248
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		
CONTRACT NO. 60477				

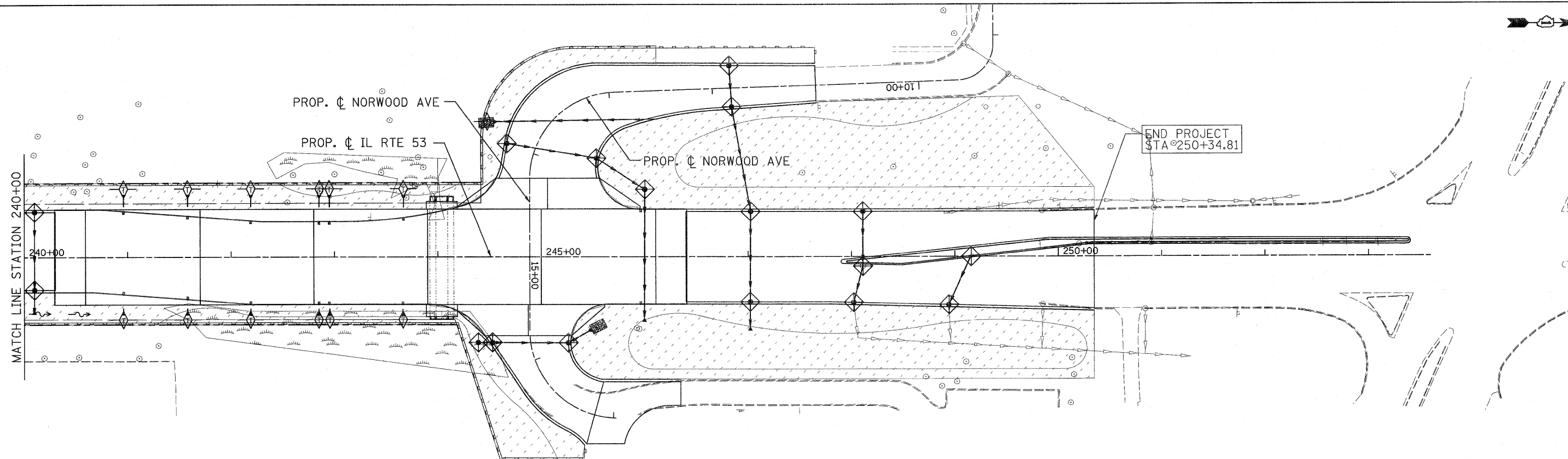
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PATRICK ENGINEERING INC. 4970 VARSITY DRIVE LISLE, IL 60532 patrickengineering.com	USER NAME = ckersten(Lisle.R)	DESIGNED - D.DOERFLER	REVISED -	Illinois Department of Transportation	<b>ILLINOIS ROUTE 53</b> <b>SOIL EROSION AND SEDIMENT CONTROL PLAN</b>		F.A.U. RTE. 2578	SECTION 532B	COUNTY DUPAGE	TOTAL SHEETS 781	SHEET NO. 249
	PLOT CONFIG = PDFGrey-Large.plt	DRAWN - J.MACKE	REVISED -		SCALE: 1"=50'	SHEET ERO-07 OF 13	STA. 210+00 TO STA. 240+00	FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT		CONTRACT NO. 60477	
	PLOT SCALE = 1:50	CHECKED - A.JAMES	REVISED -								
	PLOT DATE = 12/3/2010	DATE - 12/3/2010	REVISED -								

G:\1001\3356.AB.(IL53)\Drawings\CADD Sheets\019139797-sht-eros.249.dgn



**LEGEND:**

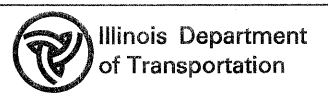
	INLET FILTER
	TEMPORARY DITCH CHECK
	PERIMETER EROSION BARRIER
	INLET AND PIPE PROTECTION
	ROADWAY DITCH FLOW ARROW
	TEMPORARY EROSION CONTROL SEEDING AND EROSION CONTROL BLANKET

**PATRICK ENGINEERING INC.**  
 4970 VARSITY DRIVE  
 LISLE, IL 60532  
 patrickengineering.com

USER NAME = ckersten@lisle.R  
 PLDT CONFIG = PDF(Grey\_Large).plt  
 PLOT SCALE = 1:800  
 PLOT DATE = 1/4/2011

DESIGNED - D.DOERFLER  
 DRAWN - J.MACKE  
 CHECKED - A.JAMES  
 DATE - 01/31/2011

REVISED -  
 REVISED -  
 REVISED -  
 REVISED -

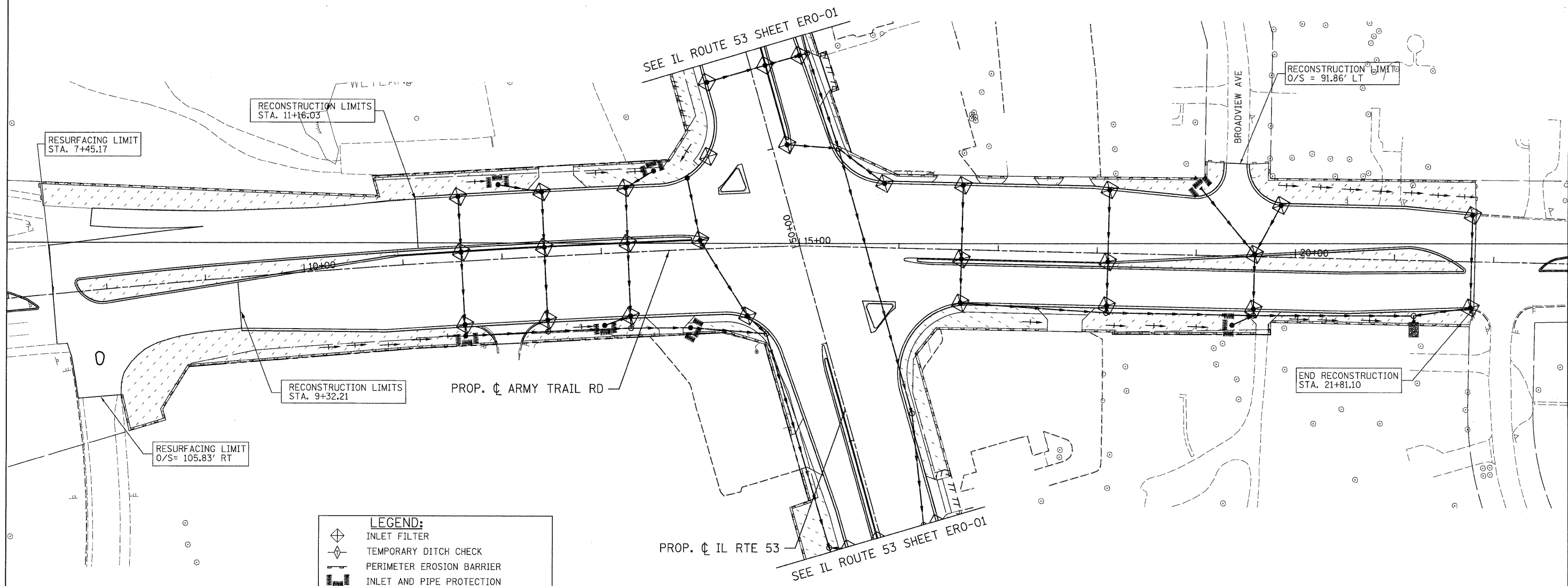


**ILLINOIS ROUTE 53 AND NORWOOD AVENUE  
 SOIL EROSION AND SEDIMENT CONTROL PLAN**

SCALE: 1"=50' SHEET ERO-08 OF 13 STA. 240+00 TO STA. 250+34.81

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2578	532B	DUPAGE	781	250
CONTRACT NO. 60477				
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		

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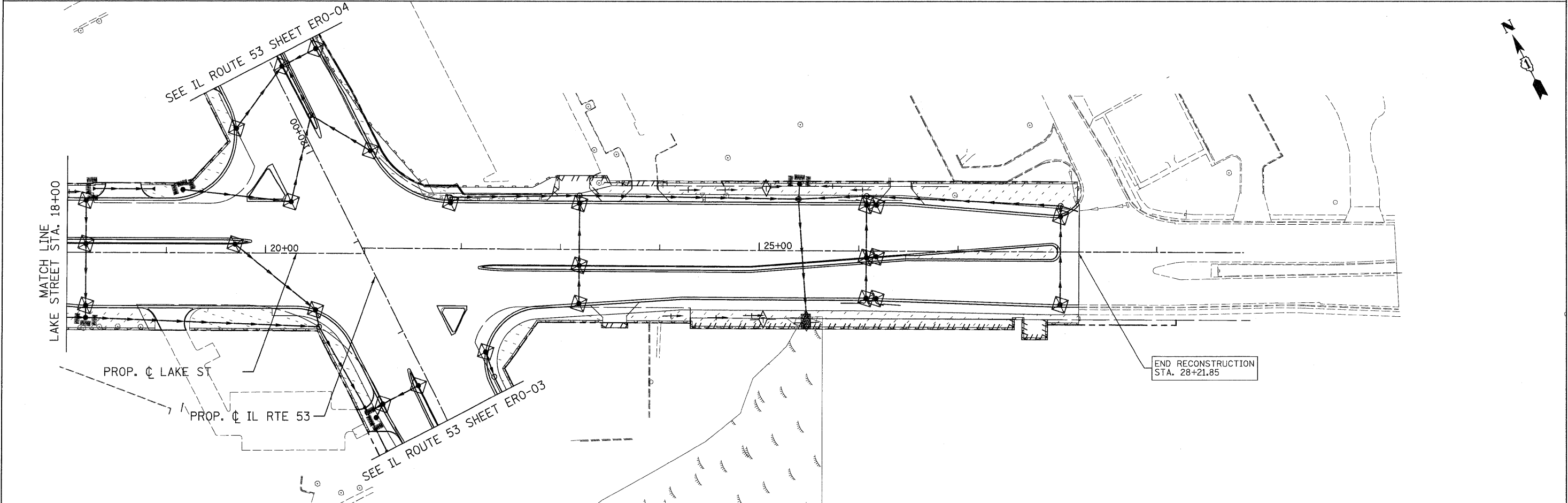
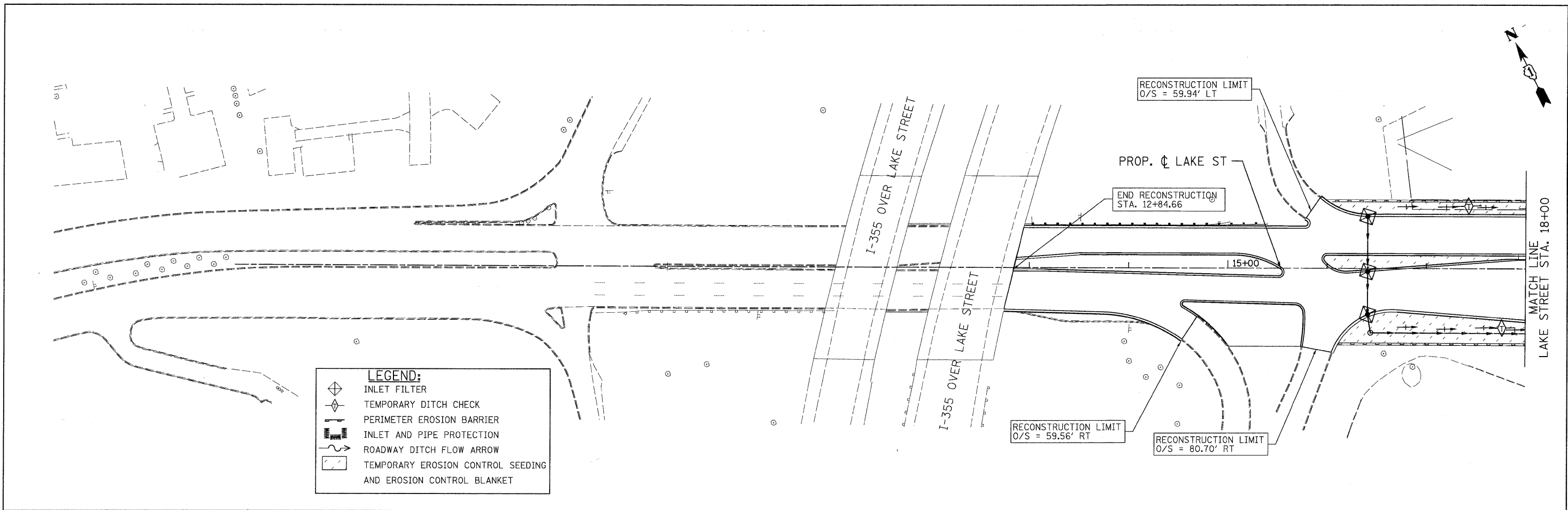


**LEGEND:**

	INLET FILTER
	TEMPORARY DITCH CHECK
	PERIMETER EROSION BARRIER
	INLET AND PIPE PROTECTION
	ROADWAY DITCH FLOW ARROW
	TEMPORARY EROSION CONTROL SEEDING AND EROSION CONTROL BLANKET

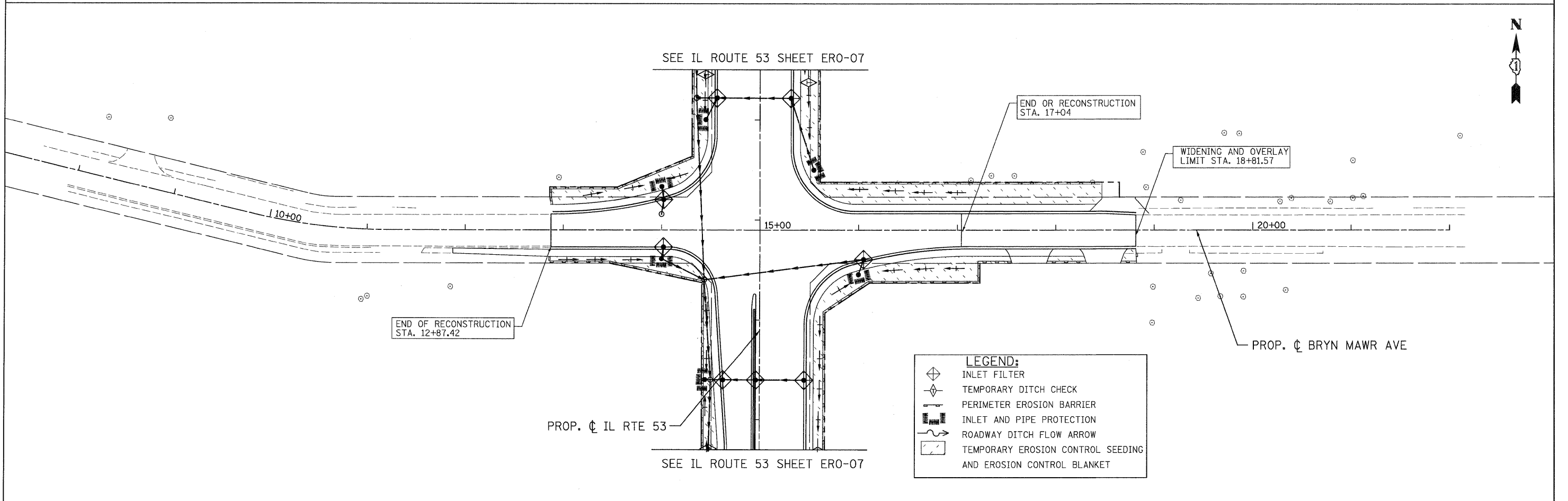
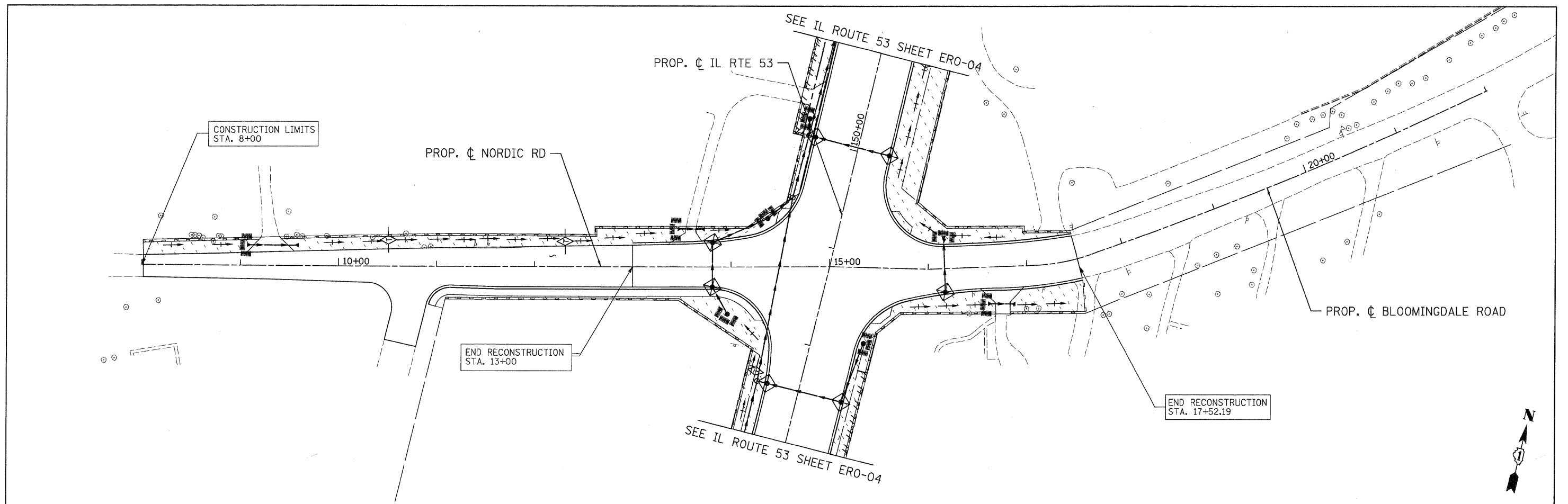
PATRICK ENGINEERING INC. 4970 VARSITY DRIVE LISLE, IL 60532 patrickengineering.com	USER NAME = ckersten(Lisle_R) PLOT CONFIG = PDF(Grey-Large).plt PLOT SCALE = 1:50 PLOT DATE = 12/3/2012	DESIGNED - D. DOERFLER DRAWN - C. HELLAND CHECKED - A. JAMES DATE - 12/3/2010	REVISED - REVISED - REVISED - REVISED -	Illinois Department of Transportation	<b>ARMY TRAIL ROAD          SOIL EROSION AND SEDIMENT CONTROL PLAN</b>		F.A. RTE. 2578 SECTION 532B COUNTY DUPAGE ILLINOIS FED. AID PROJECT	TOTAL SHEETS 781 SHEET NO. 251 CONTRACT NO. 60477
	SCALE: 1"=50' SHEET ERO-09 OF 13 STA. 7+45.17 TO STA. 71+81.10							

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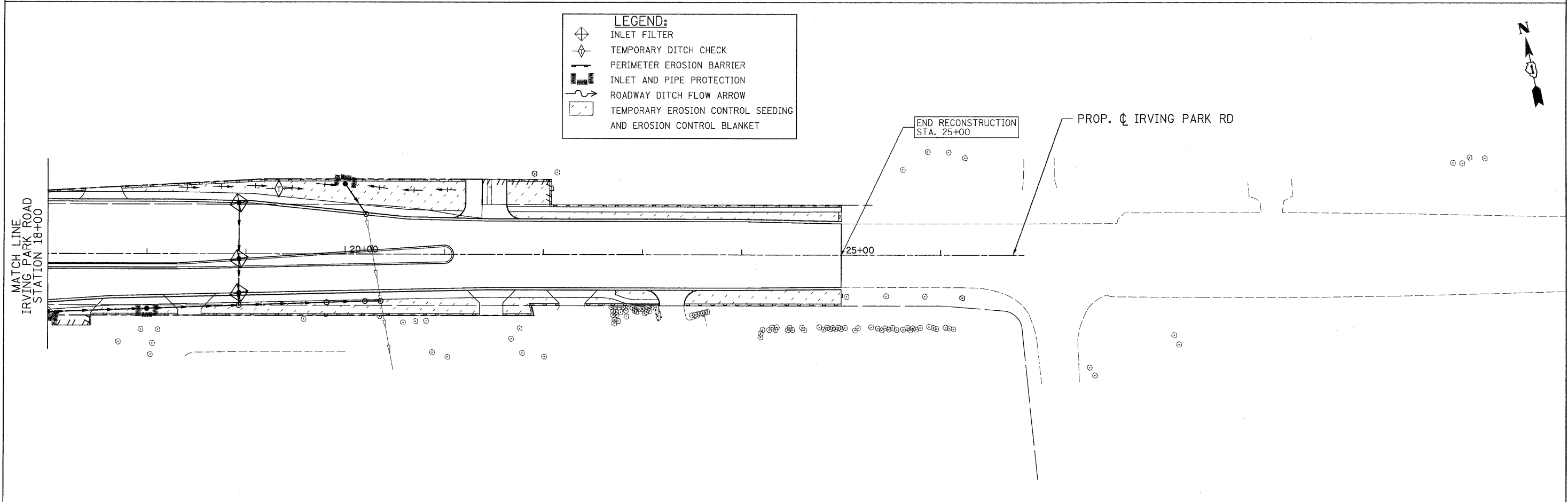
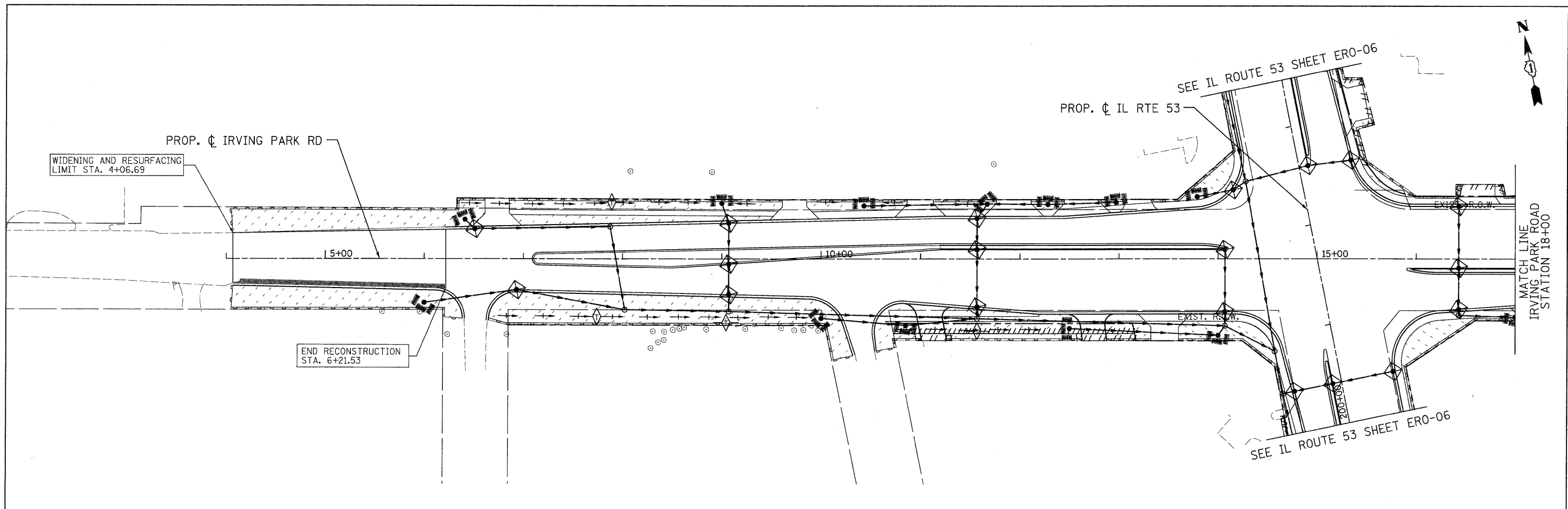
PATRICK ENGINEERING INC. 4970 VARSITY DRIVE LISLE, IL 60532 patrickengineering.com	USER NAME = ckersten@lisle.ri PLOT CONFIG = PDF@Grey_Large.plt PLOT SCALE = 1:50 PLOT DATE = 12/3/2010	DESIGNED - D. DOERFLER DRAWN - C. HELLAND CHECKED - A. JAMES DATE - 12/3/2010	REVISED - REVISED - REVISED - REVISED -	Illinois Department of Transportation	<b>U.S. ROUTE 20 (LAKE STREET)          SOIL EROSION AND SEDIMENT CONTROL PLAN</b>		F.A. RTE. 2578 SECTION 532B COUNTY DUPAGE TOTAL SHEETS 781 SHEET NO. 252 CONTRACT NO. 60477
	SCALE: 1"=50' SHEET ERO-10 OF 13 STA. 12+84.66 TO STA. 28+21.85				FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT		

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PATRICK ENGINEERING INC. 4970 VARSITY DRIVE LISLE, IL 60532 patrickengineering.com	USER NAME = akersten@lisle.ri PLOT CONFIG = PDF09ay_Large.plt PLOT SCALE = 1:50 PLOT DATE = 12/3/2010	DESIGNED - D. DOERFLER DRAWN - C. HELLAND CHECKED - A. JAMES DATE - 12/3/2010	REVISED - REVISED - REVISED - REVISED -	Illinois Department of Transportation	<b>NORDIC ROAD AND BRYN MAWR AVENUE          SOIL EROSION AND SEDIMENT CONTROL PLAN</b>		F.A. RTE. 2578 SECTION 532B COUNTY DUPAGE TOTAL SHEETS 781 SHEET NO. 253	CONTRACT NO. 60477
	SCALE: 1"=50'    SHEET EROS 11 OF 13    STA. TO STA.				FED. ROAD DIST. NO.    ILLINOIS FED. AID PROJECT			

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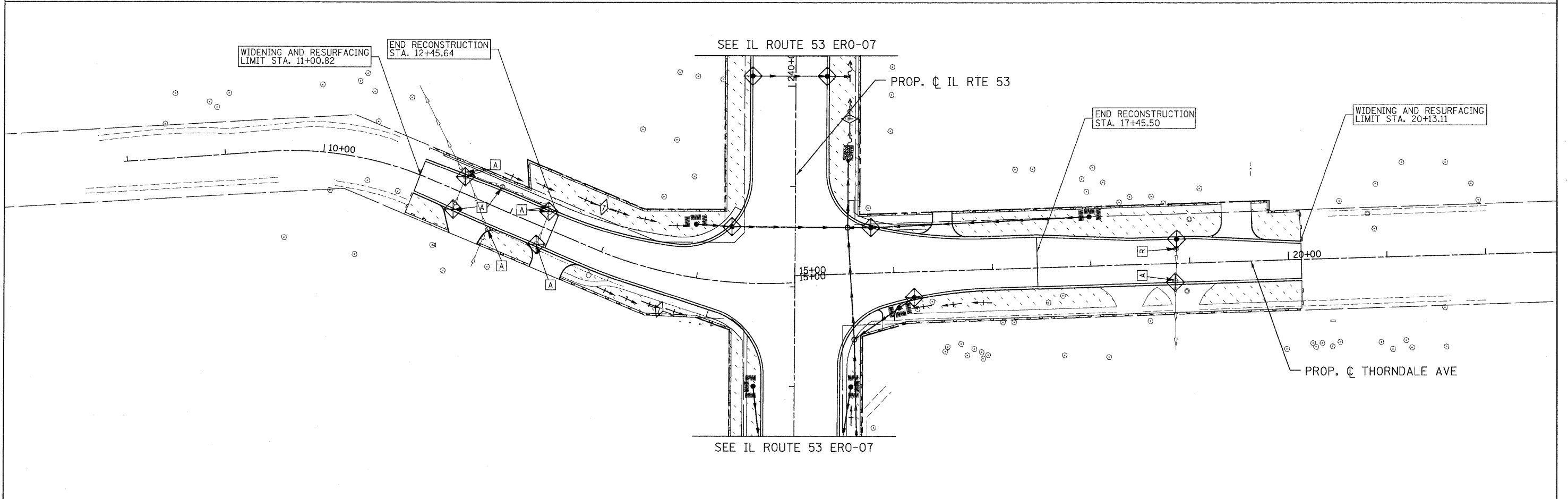
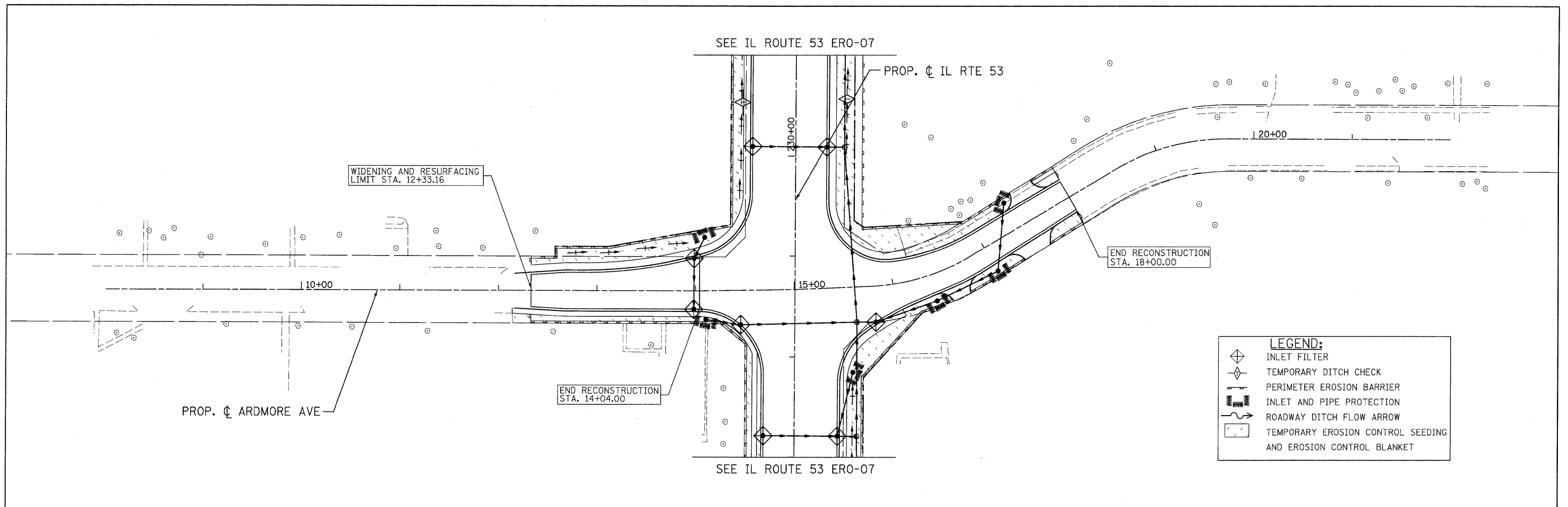


**LEGEND:**

- INLET FILTER
- TEMPORARY DITCH CHECK
- PERIMETER EROSION BARRIER
- INLET AND PIPE PROTECTION
- ROADWAY DITCH FLOW ARROW
- TEMPORARY EROSION CONTROL SEEDING AND EROSION CONTROL BLANKET

<b>PATRICK ENGINEERING INC.</b> 4970 VARSITY DRIVE LISLE, IL 60532 patrickengineering.com	USER NAME = ckersten@lisle.ri	DESIGNED - D. DOERFLER	REVISED -	Illinois Department of Transportation	<b>IRVING PARK ROAD          SOIL EROSION AND SEDIMENT CONTROL PLAN</b>		F.A. RTE. 2578	SECTION 532B	COUNTY DUPAGE	TOTAL SHEETS 781	SHEET NO. 254
	PLOT CONFIG = PDFI@Grey-Large.plt	DRAWN - C. HELLAND	REVISED -		SCALE: 1"=50'	SHEET	EROS 12 OF 13	STA. 4+44.45	TO STA. 24+45.00	CONTRACT NO. 60477	
PLOT SCALE = 1:50	CHECKED - A. JAMES	DATE - 12/3/2010	REVISED -					FED. ROAD DIST. NO. [ILLINOIS] FED. AID PROJECT			
PLOT DATE = 12/3/2010											

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PATRICK ENGINEERING INC. 4970 VARSITY DRIVE LISLE, IL 60532 patrickengineering.com	USER NAME = ckersten(Lisle_R)	DESIGNED - D. DOERFLER	REVISED -	Illinois Department of Transportation	<b>ARDMORE AVENUE AND THORNDALE AVENUE          SOIL EROSION AND SEDIMENT CONTROL PLAN</b>		F.A. RTE. 2578	SECTION 532B	COUNTY DUPAGE	TOTAL SHEETS 781	SHEET NO. 255
	PLOT CONFIG = PDF(Gray_Large).plt	DRAWN - C. HELLAND	REVISED -				CONTRACT NO. 60477				
	PLOT SCALE = 1:50	CHECKED - A. JAMES	REVISED -				ILLINOIS FED. AID PROJECT				
	PLOT DATE = 12/3/2010	DATE - 12/3/2010	REVISED -								
SCALE: 1"=50' SHEET EROS 13 OF 13 STA. TO STA.											

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DRAINAGE STRUCTURE SCHEDULE

STRUCTURE NO.	STRUCTURE TYPE	STATION	OFFSET	RIM ELEV.	INVERT (N)	INVERT (S)	INVERT (W)	INVERT (E)
1-1	CB TA 4 DIA T24F&G	37+17.90	40.35	RT 747.08	743.42			
1-2	CB TA 4 DIA T8G	37+69.75	53.40	RT 745.09	742.40	742.65		
1-3	CB TA 4 DIA T8G	38+55.25	53.90	RT 744.75			742.00	
1-4	MAN TA 4 DIA T1F CL	38+59.00	41.85	RT 746.75	742.10	742.10		741.95
1-5	MAN TA 5 DIA T1F CL	38+93.05	37.40	RT 746.65	742.00	742.00	743.30	730.00
1-7	CB TA 4 DIA T24F&G	40+21.90	43.65	RT 746.00	742.25			
1-8	CB TA 4 DIA T24F&G	40+89.70	46.00	LT 745.40	742.23	742.23		
1-9	MAN TA 4 DIA T1F CL	41+78.80	53.00	LT 745.20	741.16			741.50
1-10	CB TA 4 DIA T24F&G	41+78.80	46.00	LT 745.00			741.55	741.80
1-11	CB TA 4 DIA T23F&G	41+78.90	17.90	RT 745.80			742.01	742.01
1-12	CB TA 4 DIA T24F&G	41+78.95	46.00	RT 745.30			742.13	
1-13	MAN TA 4 DIA T1F CL	43+35.80	51.75	LT 743.50	740.59	740.59		740.60
1-14	CB TA 4 DIA T24F&G	43+35.80	42.00	LT 744.40			740.64	740.64
1-15	CB TA 4 DIA T23F&G	43+35.85	5.80	RT 745.25			740.86	741.11
1-16	CB TA 4 DIA T24F&G	43+35.95	49.20	RT 744.50			741.30	741.45
1-17	MAN TA 4 DIA T1F CL	44+71.15	50.80	LT 742.35	739.92	740.10		739.92
1-18	CB TA 4 DIA T24F&G	44+71.25	34.00	LT 744.14		740.07	739.99	739.99
1-19	CB TA 4 DIA T23F&G	44+71.55	3.00	LT 744.70		740.21	740.13	740.21
1-20	CB TA 4 DIA T24F&G	44+72.05	58.00	RT 743.90		740.50	740.50	
1-21	CB TA 4 DIA T24F&G	44+61.25	34.00	LT 744.16	740.17			
1-22	CB TA 4 DIA T23F&G	44+61.55	3.00	LT 744.72	740.31			
1-23	CB TA 4 DIA T24F&G	44+62.05	58.00	RT 743.92	740.65			
1-24	PRC FLAR END SEC 15	38+10.10	45.15	RT 747.78	746.00			
1-25	PRC FLAR END SEC 15	38+45.10	45.10	RT 747.48		745.85		
1-26	PRC FLAR END SEC 15	41+09.45	60.60	RT 743.70	742.20			
1-27	PRC FLAR END SEC 15	41+40.30	59.05	RT 743.50		742.00		
1-28	PRC FLAR END SEC 15	41+86.85	58.50	RT 743.35	741.85			
1-29	PRC FLAR END SEC 15	42+17.75	60.35	RT 743.15		741.65		
1-30	CB TA 4 DIA T8G	39+50.00	37.30	LT 746.45				744.20
1-31	PRC FLAR END SEC 15	38+82.05	81.55	RT 745.50				744.00
1-32	PRC FLAR END SEC 15	38+81.65	116.70	RT 745.25			743.75	
1-33	PRC FLAR END SEC 12	43+36.00	65.50	RT 742.80			741.55	
2-1	CB TA 4 DIA T24F&G	46+97.80	34.00	LT 745.83			742.53	742.53
2-2	CB TA 4 DIA T23F&G	46+97.85	3.00	LT 746.33			742.66	
2-3	MAN TA 6 DIA T1F CL	47+00.18	45.00	RT 745.85	739.35	739.35		741.78
2-4	CB TA 4 DIA T24F&G	46+97.95	58.00	RT 745.53			741.85	
2-5	MAN TA 6D T1FCL R-PLT	47+04.05	52.85	LT 744.30	740.03	740.03		742.46
2-6	MAN TA 5 DIA T1F CL	48+09.30	63.60	RT 747.05	741.38	740.55		743.53
2-7	MAN TA 7 DIA T1F CL	49+25.50	55.65	LT 748.40	741.13	741.13	741.13	
2-8	CB TA 5 DIA T24F&G	49+47.75	69.40	LT 748.05	741.23	741.23		
2-9	CB TA 4 DIA T8G	49+52.10	127.60	LT 748.25			741.33	741.33
2-10	CB TA 4 DIA T24F&G	50+36.25	98.95	RT 747.88			744.50	
2-11	MAN TA 7 DIA T1F CL	50+81.80	63.85	RT 749.78	744.53	744.15	746.30	744.20
2-12	CB TA 4 DIA T23F&G	51+00.00	15.00	RT 750.35			747.35	
2-14	CB TA 4 DIA T24F&G	51+81.95	46.00	LT 750.40			746.77	
2-15	CB TA 4 DIA T23F&G	51+81.95	15.00	RT 751.18			746.50	746.50
2-16	CB TA 4 DIA T24F&G	51+81.95	50.75	RT 750.60			746.35	746.10
2-17	MAN TA 4 DIA T1F CL	51+81.95	59.05	RT 751.10	746.11	745.49		
2-18	MAN TA 5 DIA T1F CL	56+25.95	40.55	LT 751.34	743.74		748.65	746.20
2-19	CB TA 4 DIA T24F&G	56+25.95	34.00	LT 751.04			746.23	746.23
2-20	CB TA 4 DIA T23F&G	56+25.95	0.75	RT 751.69			746.54	746.79
2-21	CB TA 4 DIA T24F&G	56+25.95	46.00	RT 751.04			747.20	747.20
2-22	MAN TA 5 DIA T1F CL	58+35.95	39.75	LT 749.66	741.73	742.71		743.10
2-23	CB TA 4 DIA T24F&G	58+35.95	32.15	LT 749.36			743.15	743.15
2-24	CB TA 4 DIA T24F&G	58+35.95	43.65	RT 749.34	744.12		743.87	745.04
2-25	MAN TA 4 DIA T1F CL	59+15.60	53.35	RT 747.81		744.50		
2-26	MAN TA 8 DIA T1F CL	48+79.95	52.00	LT 745.75	739.93	739.30		
2-27	PRC FLAR END SEC 15	45+15.10	63.80	LT 741.80	740.30			
2-28	MAN TA 5 DIA T1F CL	45+95.15	63.85	LT 743.15	739.65	739.65		739.65
2-29	MAN TA 5 DIA T1F CL	45+95.20	51.60	LT 744.30	739.55	739.55	739.55	
2-30	PRC FLAR END SEC 15	46+20.00	63.90	LT 741.75		741.25		
2-32	CB TA 5 DIA T23F&G	50+32.95	94.95	LT 749.20	741.64		741.64	
2-33	CB TA 5 DIA T24F&G	50+95.90	90.75	LT 748.55		741.93		
2-34	CB TA 4 DIA T8G	53+00.00	62.00	RT 751.75		747.25		
2-35	CB TA 4 DIA T1F OL	56+37.95	56.25	RT 751.00			747.25	
2-36	CB TC T8G	57+00.00	47.50	LT 751.08				749.00
2-37	CB TA 4 DIA T1F OL	58+73.65	57.50	RT 749.18			745.40	
2-38	CB TA 4 DIA T8G	60+00.20	59.50	RT 747.00	743.50			
3-0	PRC FLAR END SEC 15	60+24.10	52.20	LT 748.25			746.00	
3-1	CB TA 4 DIA T24F&G	60+42.20	37.65	RT 748.09		743.07	743.07	
3-2	MAN TA 5 DIA T1F CL	60+15.50	39.20	LT 748.53	740.70	740.70		742.05
3-3	CB TA 4 DIA T24F&G	60+15.55	31.45	LT 748.23			742.12	742.37
3-4	MAN TA 5 DIA T1F CL	60+54.50	44.75	RT 748.35	734.08		744.00	742.10
3-5	MAN TA 5 DIA T1F CL	62+67.50	38.95	LT 747.26	739.61	739.61	741.07	742.00
3-6	CB TA 4 DIA T24F&G	62+67.55	31.50	LT 746.94			742.05	742.05
3-7	CB TA 4 DIA T24F&G	62+67.75	30.55	RT 746.94			742.63	742.88
3-9	MAN TA 7 DIA T1F CL	64+89.50	38.75	LT 745.55	737.23	738.52	738.75	740.35
3-10	CB TA 4 DIA T24F&G	64+89.55	31.50	LT 745.27			740.41	740.41
3-11	CB TA 4 DIA T24F&G	64+89.75	25.50	RT 745.27			740.94	741.19
3-13	MAN TA 5 DIA T1F CL	67+39.50	38.70	LT 743.63	734.35	736.00		738.00
3-14	CB TA 4 DIA T24F&G	67+39.55	31.50	LT 743.34			738.10	738.10
3-15	CB TA 4 DIA T24F&G	67+39.75	25.75	RT 743.34			738.63	738.88
3-16	MAN TA 6 DIA T1F CL	69+24.95	42.15	LT 742.14	733.00	733.00		733.00
3-17	MAN TA 6D T1FCL R-PLT	69+25.10	36.85	LT 742.24			732.99	732.99
3-18	MAN TA 5 DIA T1F CL	69+89.50	40.15	LT 741.74	733.21	733.21		736.41
3-19	CB TA 4 DIA T24F&G	69+89.55	31.50	LT 741.49			736.07	736.32
3-20	CB TA 4 DIA T24F&G	69+89.75	25.50	RT 741.49			736.85	736.85
3-21	MAN TA 5 DIA T1F CL	70+42.40	45.80	LT 741.66	733.38	733.38		736.51
3-22	CB TA 4 DIA T24F&G	70+42.55	31.50	LT 741.45			737.33	736.61
3-23	CB TA 4 DIA T24F&G	70+43.15	25.50	RT 741.45			737.39	736.86
3-24	CB TA 4 DIA T24F&G	70+32.55	31.50	LT 741.45				
3-25	CB TA 4 DIA T24F&G	70+53.10	25.75	RT 741.45			737.45	
3-26	MAN TA 5 DIA T1F CL	72+58.50	38.20	LT 743.10	736.19	734.35	737.60	737.49
3-27	CB TA 4 DIA T24F&G	72+58.50	31.50	LT 742.80			737.54	737.79
3-28	CB TA 4 DIA T24F&G	72+58.75	25.50	RT 742.80			741.32	
3-29	MAN TA 6 DIA T1F CL	73+06.05	38.30	LT 743.45			736.52	738.40
3-30	CB TA 5 DIA T8G	62+82.05	48.85	RT 746.36			743.07	743.07
3-31	CB TA 5 DIA T8G	64+69.80	45.05	RT 744.79			741.35	741.35
3-32	CB TA 5 DIA T8G	67+39.80	45.00	RT 741.90			739.03	739.03
3-33	CB TA 4 DIA T8G	61+37.00	47.50	LT 745.91	742.40			

DRAINAGE STRUCTURE SCHEDULE

STRUCTURE NO.	STRUCTURE TYPE	STATION	OFFSET	RIM ELEV.	INVERT (N)	INVERT (S)	INVERT (W)	INVERT (E)
2-34	CB TA 4 DIA T8G	53+00.00	62.00	RT 751.75			747.25	
2-35	CB TA 4 DIA T1F OL	56+37.95	56.25	RT 751.00				747.25
2-36	CB TC T8G	57+00.00	47.50	LT 751.08				749.00
2-37	CB TA 4 DIA T1F OL	58+73.65	57.50	RT 749.18				745.40
2-38	CB TA 4 DIA T8G	60+00.20	59.50	RT 747.00		743.50		
3-0	PRC FLAR END SEC 15	60+24.10	52.20	LT 748.25				746.00
3-1	CB TA 4 DIA T24F&G	60+42.20	37.65	RT 748.09		743.07	743.07	
3-2	MAN TA 5 DIA T1F CL	60+15.50	39.20	LT 748.53	740.70	740.70		742.05
3-3	CB TA 4 DIA T24F&G	60+15.55	31.45	LT 748.23			742.12	742.37
3-4	MAN TA 5 DIA T1F CL	60+54.50	44.75	RT 748.35	734.08		744.00	742.10
3-5	MAN TA 5 DIA T1F CL	62+67.50	38.95	LT 747.26	739.61	739.61	741.07	742.00
3-6	CB TA 4 DIA T24F&G	62+67.55	31.50	LT 746.94			742.05	742.05
3-7	CB TA 4 DIA T24F&G	62+67.75	30.55	RT 746.94			742.63	742.88
3-9	MAN TA 7 DIA T1F CL	64+89.50	38.75	LT 745.55	737.23	738.52	738.75	740.35
3-10	CB TA 4 DIA T24F&G	64+89.55	31.50	LT 745.27			740.41	740.41
3-11	CB TA 4 DIA T24F&G	64+89.75	25.50	RT 745.27			740.94	741.19
3-13	MAN TA 5 DIA T1F CL	67+39.50	38.70	LT 743.63	734.35	736.00		738.00
3-14	CB TA 4 DIA T24F&G	67+39.55	31.50	LT 743.34			738.10	738.10
3-15	CB TA 4 DIA T24F&G	67+39.75	25.75	RT 743.34			738.63	738.88
3-16	MAN TA 6 DIA T1F CL	69+24.95	42.15	LT 742.14	733.00	733.00		733.00
3-17	MAN TA 6D T1FCL R-PLT	69+25.10	36.85	LT 742.24			732.99	732.99
3-18	MAN TA 5 DIA T1F CL	69+89.50	40.15	LT 741.74	733.21	733.21		736.41
3-19	CB TA 4 DIA T24F&G	69+89.55	31.50	LT 741.49			736.07	736.32
3-20	CB TA 4 DIA T24F&G	69+89.75	25.50	RT 741.49			736.85	736.85
3-21	MAN TA 5 DIA T1F CL	70+42.40	45.80	LT 741.66	733.38	733.38		736.51
3-22	CB TA 4 DIA T24F&G	70+42.55	31.50	LT 741.45			737.33	736.61
3-23	CB TA 4 DIA T24F&G	70+43.15	25.50	RT 741.45		</		



DRAINAGE STRUCTURE SCHEDULE

STRUCTURE NO.	STRUCTURE TYPE	STATION	OFFSET	RIM ELEV.	INVERT (N)	INVERT (S)	INVERT (W)	INVERT (E)
5-9	CB TA 4 DIA T24F&G	91+09.75	25.50	RT 735.81			732.15	
5-10	CB TA 4 DIA T24F&G	92+50.55	31.50	LT 736.40				732.73
5-11	CB TA 4 DIA T24F&G	92+50.75	25.50	RT 736.40			732.49	732.49
5-12	MAN TA 5 DIA T1F CL	92+50.70	31.05	RT 736.72	730.79	729.29	732.48	
5-13	MAN TA 5 DIA T1F CL	94+57.80	31.00	RT 736.48	733.50	731.10		733.09
5-14	CB TA 4 DIA T24F&G	94+88.55	31.50	LT 737.49				733.82
5-15	CB TA 4 DIA T24F&G	94+88.75	25.50	RT 737.49		733.58	733.58	
5-16	CB TA 4 DIA T8G	98+00.15	47.00	RT 737.16		729.00		
5-17	CB TA 4 DIA T24F&G	99+24.55	31.50	LT 737.30				733.63
5-18	CB TA 4 DIA T24F&G	99+24.75	25.50	RT 737.30			733.29	733.29
5-19	MAN TA 4 DIA T1F CL	99+24.80	44.95	RT 737.49	727.66	727.66	733.19	
5-20	MAN TA 6D T1FCL R-PLT	100+76.70	42.45	RT 735.47	726.11	726.11		
5-21	PRC FLAR END SEC 18	100+86.65	48.75	RT 727.75		726.00		
5-22	PRC FLAR END SEC 48	100+95.25	48.50	RT 729.50			725.00	
5-23	CB TA 4 DIA T24F&G	101+62.50	31.50	LT 735.89		731.05		731.05
5-24	CB TA 4 DIA T24F&G	101+62.75	25.50	RT 735.89	730.78		730.78	
5-25	MAN TA 4 DIA T1F CL	102+40.10	40.30	RT 734.20	730.25	730.25		
5-26	CB TA 4 DIA T24F&G	104+00.65	31.50	LT 734.45	730.11			730.11
5-27	CB TA 4 DIA T24F&G	104+00.80	25.50	RT 734.45		729.87	729.87	
5-28	MAN TA 5 DIA T1F CL	104+00.85	40.75	RT 733.24	729.16	729.16	729.55	
5-29	CB TC T8G	104+90.00	48.00	LT 732.25		731.00		
5-30	MAN TA 4 DIA T1F CL	100+85.15	24.15	LT 736.40	725.65	725.65		
5-31	CB TA 4 DIA T8G	100+99.85	47.50	LT 735.00	731.50			
5-32	CB TA 4 DIA T8G	95+00.15	46.00	RT 737.00			733.50	
6-1	CB TA 4 DIA T24F&G	106+38.60	31.50	LT 733.01	727.88			727.88
6-2	CB TA 4 DIA T24F&G	106+38.80	28.55	RT 733.00			727.60	727.60
6-3	MAN TA 5 DIA T1F CL	106+38.85	46.10	RT 732.52	727.53	727.53	727.53	
6-4	CB TC T8G	106+55.65	46.10	LT 731.05		728.23		
6-5	CB TA 4 DIA T24F&G	108+76.60	41.80	LT 731.58		728.00		728.00
6-6	CB TA 4 DIA T24F&G	108+76.80	35.35	RT 731.56			727.27	727.27
6-7	MAN TA 5 DIA T1F CL	108+76.85	51.40	RT 731.70	725.17	725.90	726.90	
6-8	CB TA 4 DIA T24F&G	111+14.55	54.00	LT 730.13				726.65
6-9	CB TA 4 DIA T8G	113+49.65	70.15	LT 727.75				724.25
6-10	CB TA 4 DIA T23F&G	111+14.75	16.65	RT 730.65			725.98	725.98
6-11	CB TA 4 DIA T24F&G	111+14.85	42.35	RT 730.11			725.76	725.51
6-12	MAN TA 5 DIA T1F CL	111+14.90	63.80	RT 728.60	724.43	724.43	725.34	
6-13	CB TA 4 DIA T24F&G	112+30.15	45.50	LT 729.75				726.15
6-14	CB TA 4 DIA T23F&G	112+30.65	7.75	RT 730.35			726.66	725.41
6-15	CB TA 4 DIA T24F&G	112+31.10	51.30	RT 729.54		725.05	725.01	725.05
6-16	MAN TA 6D T1FCL R-PLT	112+31.00	66.65	RT 729.65	724.07	724.07	724.94	
6-17	CB TA 4 DIA T24F&G	112+20.20	46.65	LT 729.73	726.25			
6-18	CB TA 4 DIA T23F&G	112+20.70	8.50	RT 730.34	726.85			
6-19	CB TA 4 DIA T24F&G	112+21.10	50.55	RT 729.54	726.05			
6-20	PRC FLAR END SEC 30	112+35.50	72.05	RT 727.00		724.02		
6-21	PRC FLAR END SEC 72	112+63.60	75.10	RT 730.25			720.55	
6-22	MAN TA 6 DIA T1F CL	113+68.50	61.15	LT 728.75	724.38	724.38	724.68	725.55
6-23	CB TA 4 DIA T24F&G	113+69.60	42.00	LT 730.40			725.65	725.90
6-24	CB TA 4 DIA T23F&G	113+99.70	5.25	LT 731.18			726.30	726.30
6-25	CB TA 4 DIA T24F&G	113+99.85	54.00	RT 730.34			726.80	
6-26	PRC FLAR END SEC 18	115+58.00	68.10	RT 727.20	725.45			
6-27	MAN TA 5 DIA T1F CL	115+71.50	68.20	LT 733.80	725.77	725.77		725.77
6-28	CB TA 5 DIA T24F&G	115+71.60	42.00	LT 732.17		726.25	726.00	728.91
6-29	CB TA 4 DIA T23F&G	115+71.70	8.75	LT 732.70			729.20	
6-30	CB TA 4 DIA T24F&G	115+71.85	54.00	RT 731.88				728.20
6-31	MAN TA 4 DIA T1F CL	115+71.90	61.90	RT 732.25	725.60	725.60	728.00	
6-32	CB TA 4 DIA T8G	114+99.85	58.00	LT 730.45		726.95		
6-33	MAN TA 4 DIA T1F CL	117+17.20	61.40	RT 733.57	727.50	727.50		
6-34	MAN TA 4 DIA T1F CL	117+43.50	68.35	LT 733.65	728.07	726.94		728.91
6-35	CB TA 4 DIA T24F&G	117+43.55	51.00	LT 733.50		729.29	729.04	730.34
6-36	CB TA 4 DIA T23F&G	117+43.70	10.80	LT 734.20			730.70	
6-37	CB TA 4 DIA T24F&G	117+43.90	65.00	RT 732.79		727.80		
6-38	CB TA 4 DIA T24F&G	117+44.30	170.40	RT 731.17	726.37			
6-39	CB TA 4 DIA T23F&G	117+78.05	187.70	RT 731.81	726.22	726.22		
6-40	CB TA 4 DIA T24F&G	118+32.30	215.55	RT 731.01	725.97	725.97		
6-41	MAN TA 4 DIA T1F CL	118+39.25	219.05	RT 730.85	725.93	725.93	726.95	725.93
6-42	MAN TA 4 DIA T1F CL	118+42.05	73.55	LT 734.85	732.82	729.49	729.49	
6-43	CB TA 4 DIA T24F&G	118+58.50	69.20	LT 735.05	732.95	732.95		
6-44	CB TA 4 DIA T24F&G	118+91.70	99.90	RT 732.85	727.56			
6-45	MAN TA 4 DIA T1F CL	118+96.55	101.85	RT 733.20	728.50	727.51		727.51
6-46	CB TA 4 DIA T23F&G	119+65.10	43.00	LT 734.83	730.94			730.94
6-47	CB TA 4 DIA T24F&G	119+73.85	51.00	RT 734.69			731.53	
6-48	CB TA 4 DIA T24F&G	119+53.20	112.55	LT 737.45		733.95		
6-49	CB TA 4 DIA T1F OL	108+58.00	46.20	LT 731.85	728.35			
6-50	CB TA 4 DIA T8G	117+35.00	62.85	LT 732.90	729.40			
7-1	CB TA 4 DIA T8G	120+25.15	135.15	LT 735.50				732.00
7-2	MAN TA 5 DIA T1F CL	120+32.30	13.50	RT 736.00	729.64	730.10		730.88
7-3	CB TA 4 DIA T24F&G	120+54.65	59.45	LT 734.90				731.40
7-4	CB TA 4 DIA T23F&G	120+88.75	9.05	RT 735.85			730.67	730.67
7-5	MAN TA 5 DIA T1F CL	120+88.75	13.20	RT 736.25	729.27	729.27	730.60	729.27
7-6	CB TC T24F&G	120+88.85	47.30	RT 732.27			729.41	
7-7	MAN TA 4 DIA T1F CL	121+96.00	12.55	RT 736.62	728.52	728.52		
7-8	CB TA 4 DIA T24F&G	123+83.60	48.95	LT 734.50		729.99		729.99
7-9	CB TA 4 DIA T23F&G	123+83.70	8.75	LT 735.29			729.81	729.56
7-10	CB TA 4 DIA T24F&G	123+83.85	43.00	RT 734.65			729.32	729.32
7-11	MAN TA 5 DIA T1F CL	123+83.85	52.75	RT 734.00	727.16	727.16	728.56	
7-12	CB TA 4 DIA T24F&G	125+63.60	41.40	LT 732.91			729.40	729.40
7-13	CB TA 4 DIA T24F&G	125+63.85	41.40	RT 732.91			728.61	728.61
7-14	MAN TA 5 DIA T1F CL	125+63.85	52.10	RT 732.25	725.88	725.88	728.54	
7-15	MAN TA 4 DIA T1F CL	127+11.30	49.20	LT 728.00	722.10	722.10		
7-16	CB TA 4 DIA T24F&G	127+43.60	37.40	LT 731.15		721.95		721.70
7-17	CB TA 4 DIA T24F&G	127+43.80	37.40	RT 731.15			721.35	721.35
7-18	MAN TA 5 DIA T1F CL	127+43.85	50.45	RT 731.15	721.29	724.60	721.29	724.80
7-19	CB TA 4 DIA T24F&G	129+23.60	33.40	LT 729.38			725.70	725.70
7-20	CB TA 4 DIA T24F&G	129+23.80	36.45	RT 729.38			725.04	725.04
7-21	MAN TA 7 DIA T1F CL	129+23.85	43.20	RT 729.70	720.26	720.76		
7-22	CB TA 4 DIA T8G	129+41.20	61.60	RT 728.75			725.25	
7-23	CB TA 4 DIA T24F&G	131+24.60	32.50	LT 727.35			723.85	723.85
7-24	CB TA 4 DIA T24F&G	131+24.80	32.50	RT 727.35			723.24	723.24
7-25	MAN TA 5 DIA T1F CL	131+24.85	41.45	RT 727.00	719.93	719.93	723.19	
7-26	CB TA 4 DIA T24F&G	133+25.60	32.50	LT 725.49		721.17		721.17

DRAINAGE STRUCTURE SCHEDULE

STRUCTURE NO.	STRUCTURE TYPE	STATION	OFFSET	RIM ELEV.	INVERT (N)	INVERT (S)	INVERT (W)	INVERT (E)
7-27	CB TA 4 DIA T24F&G	133+25.80	32.50	RT 725.49				720.31
7-28	MAN TA 5 DIA T1F CL	133+25.85	42.40	RT 724.80	719.59	719.59	720.25	
7-29	CB TA 4 DIA T24F&G	133+94.70	32.50	LT 725.24	721.65			721.65
7-30	CB TA 4 DIA T24F&G	133+95.35	32.50	RT 725.24			721.04	720.79
7-31	CB TA 4 DIA T24F&G	134+04.70	32.50	LT 725.24			721.75	
7-32	CB TA 4 DIA T24F&G	134+05.35	32.50	RT 725.24			721.75	
7-33	PRC FLAR END SEC 36	133+75.45	48.50	RT 722.75			719.21	
7-34	PRC FLAR END SEC 15	134+00.80	49.60	RT 721.50			720.00	
7-35	CB TA 4 DIA T8G	122+99.80	67.00	LT 733.92			730.40	
7-36	CB TA 4 DIA T8G	124+00.15	56.00	RT 735.20			728.62	
7-37	CB TA 4 DIA T8G	125+00.15	56.00	RT 732.58			729.10	
7-39	CB TA 4 DIA T8G	127+50.00	54.00	RT 730.15	724.84		724.84	
7-40	CB TA 4 DIA T8G	128+50.00	52.50	RT 729.32			725.80	
7-41	PRC FLAR END SEC 15	124+24.00	60.10	LT 732.40	731.15			
7-42	PRC FLAR END SEC 15	124+63.60	54.60	LT 732.25			731.00	
7-43	CB TA 4 DIA T8G	132+65.00	43.50	LT 725.25			721.75	
8-1	CB TA 4 DIA T24F&G	135+21.60	32.50	LT 725.90				722.23
8-2	CB TA 4 DIA T24F&G	135+21.80	32.50	RT 725.90			721.96	721.96
8-3	MAN TA 4 DIA T1F CL	135+21.85	43.05	RT 724.75	720.81	720.81	721.92	
8-4	CB TA 4 DIA T8G	136+78.00	44.00	LT 727.52			724.00	
8-5	CB TA 4 DIA T24F&G	137+30.60	32.50	LT 728.06			723.50	723.50
8-6	CB TA 4 DIA T24F&G	137+30.80	32.50	RT 728.06			722.89	722.64
8-7	MAN TA 4 DIA T1F CL	137+30.85	45.00	RT 726.75			722.20	722.55
8-8	CB TA 4 DIA T24F&G	140+09.25	32.50	RT 728.71	725.00			725.00
8-9	CB TA 4 DIA T24F&G	140+20.30	32.50	LT 728.67	725.00			
8-10	CB TA 4 DIA T24F&G	140+68.60	32.50	LT 728.47	723.58	724.56		723.83
8-11	CB TA 4 DIA T24F&G	140+68.80						

DRAINAGE STRUCTURE SCHEDULE

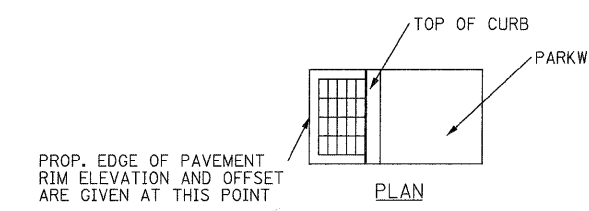
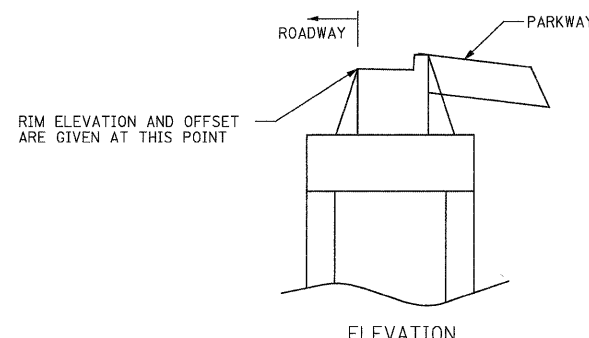
STRUCTURE NO.	STRUCTURE TYPE	STATION	OFFSET	RIM ELEV.	INVERT (N)	INVERT (S)	INVERT (W)	INVERT (E)
11-10	CB TA 4 DIA T24F&G	185+97.65	32.50	LT 709.93			705.54	705.79
11-11	CB TA 4 DIA T24F&G	185+97.35	32.50	RT 709.93			706.40	707.70
11-12	MAN TA 6 DIA T1F CL	187+85.70	39.25	LT 711.55	701.77	701.77	707.23	707.40
11-13	CB TA 4 DIA T24F&G	187+85.65	32.50	LT 711.54			707.44	707.44
11-14	CB TA 4 DIA T24F&G	187+85.35	32.50	RT 711.54			708.05	
11-15	MAN TA 6 DIA T1F CL	189+73.70	40.80	LT 712.85	704.73	702.68	708.61	708.30
11-16	CB TA 4 DIA T24F&G	189+73.60	32.50	LT 713.17			708.39	708.64
11-17	CB TA 4 DIA T24F&G	189+73.35	32.50	RT 713.17			709.25	709.55
11-18	MAN TA 6 DIA T1F CL	191+61.70	39.90	LT 714.75	707.63	705.65	710.39	710.60
11-19	CB TA 4 DIA T24F&G	191+61.65	32.50	LT 714.81			710.69	710.69
11-20	CB TA 4 DIA T24F&G	191+61.35	32.50	RT 714.81			711.30	
11-21	CB TA 4 DIA T8G	194+00.20	44.50	LT 716.78	712.94		712.94	
11-22	MAN TA 6 DIA T1F CL	193+99.65	38.75	LT 717.50	709.86	708.80	712.90	712.18
11-23	CB TA 4 DIA T24F&G	193+99.65	32.60	LT 717.15			712.23	712.48
11-24	CB TA 4 DIA T24F&G	193+99.35	32.60	RT 717.15			713.09	714.30
11-25	CB TA 4 DIA T8G	181+99.80	41.00	RT 705.40			701.90	
11-26	INLETS TA T8G	185+99.80	41.00	RT 709.95			708.20	
11-27	CB TA 4 DIA T8G	187+00.20	45.50	LT 710.05			706.55	
11-28	CB TA 4 DIA T8G	188+00.20	44.00	LT 710.94	707.34			707.34
11-29	CB TA 4 DIA T8G	189+25.00	44.50	LT 712.05			708.55	
11-30	INLETS TA T8G	189+73.50	41.50	RT 712.80			710.05	
11-31	CB TA 4 DIA T8G	189+90.00	46.00	LT 712.80	708.74			708.74
11-32	CB TA 4 DIA T8G	191+00.20	45.50	LT 713.30			709.80	
11-33	CB TA 4 DIA T8G	192+00.20	44.50	LT 714.38	710.74			710.74
11-34	CB TA 4 DIA T8G	193+00.20	44.00	LT 715.18			711.70	
11-35	INLETS TA T8G	193+99.80	42.50	RT 716.65			714.90	
11-36	CB TA 4 DIA T8G	194+90.00	48.00	LT 717.30			713.80	
12-1	MAN TA 6 DIA T1F CL	196+13.70	48.15	LT 718.85	713.43	710.91	713.60	715.19
12-2	CB TA 4 DIA T24F&G	196+13.65	37.35	LT 719.80			715.26	715.51
12-3	CB TA 4 DIA T23F&G	196+13.50	2.00	RT 720.42			715.86	715.86
12-4	CB TA 4 DIA T24F&G	196+13.30	40.40	RT 719.72			716.20	
12-5	MAN TA 5 DIA T1F OL	198+27.75	53.80	LT 722.30	716.19	714.48		716.05
12-6	CB TA 4 DIA T24F&G	198+27.70	41.00	LT 722.44			716.14	716.14
12-7	CB TA 4 DIA T23F&G	198+27.55	9.00	LT 722.96			716.67	716.42
12-8	CB TA 4 DIA T24F&G	198+27.25	53.00	RT 722.14			717.25	
12-9	MAN TA 5 DIA T1F CL	200+41.80	60.40	LT 725.15	718.01	717.65		720.00
12-10	CB TA 4 DIA T24F&G	200+41.70	48.40	LT 724.94			720.07	720.32
12-11	CB TA 4 DIA T23F&G	200+41.55	9.00	LT 725.61			720.67	720.67
12-12	CB TA 4 DIA T24F&G	200+41.25	53.00	RT 724.76			721.25	
12-13	MAN TA 7 DIA T1F CL	200+84.85	60.25	LT 725.60	719.27	718.28		719.95
12-14	CB TA 4 DIA T24F&G	202+55.20	52.80	RT 727.24			723.75	
12-15	CB TA 4 DIA T24F&G	202+49.65	69.35	LT 727.15			723.92	723.65
12-16	MAN TA 5 DIA T1F CL	202+55.60	53.40	LT 727.42	720.43	720.43	723.54	722.74
12-17	CB TA 4 DIA T23F&G	202+58.50	9.25	RT 728.32			723.35	723.35
12-18	MAN TA 5 DIA T1F CL	203+55.60	57.60	LT 728.95	721.09	721.09		724.00
12-19	CB TA 4 DIA T24F&G	203+55.60	52.00	LT 728.60			724.10	724.35
12-20	CB TA 4 DIA T23F&G	203+55.35	9.00	RT 729.42			724.92	724.92
12-21	CB TA 4 DIA T24F&G	203+55.20	46.15	RT 728.77			725.25	
12-22	MAN TA 5 DIA T1F CL	204+55.60	58.25	LT 729.65	721.76	721.76		725.00
12-23	CB TA 4 DIA T24F&G	204+55.60	52.00	LT 729.32			725.06	725.31
12-24	CB TA 4 DIA T23F&G	204+55.35	9.00	RT 730.14			725.88	725.88
12-25	CB TA 4 DIA T24F&G	204+55.25	40.00	RT 729.66			726.15	
12-26	MAN TA 5 DIA T1F CL	205+45.55	55.70	LT 730.30	722.34	722.34		725.20
12-27	CB TA 4 DIA T24F&G	205+50.60	49.65	LT 729.90			725.24	725.24
12-28	CB TA 4 DIA T23F&G	205+37.70	9.00	RT 730.64			725.78	726.03
12-29	CB TA 4 DIA T24F&G	205+37.35	40.00	RT 730.06			726.30	
12-30	MAN TA 6 DIA T1F CL	206+55.55	47.65	LT 730.92	722.87	722.87		726.00
12-31	CB TA 4 DIA T24F&G	206+55.55	41.60	LT 730.57			726.11	726.36
12-32	CB TA 4 DIA T23F&G	206+55.40	9.65	LT 731.25			726.64	726.64
12-33	CB TA 4 DIA T24F&G	206+55.25	40.00	RT 730.62			727.10	
12-34	CB TA 5 DIA T8G	196+13.50	57.25	LT 717.20	713.70			713.70
12-35	CB TA 4 DIA T8G	197+00.25	58.00	LT 718.95			715.45	
12-36	CB TA 4 DIA T8G	197+99.70	62.50	RT 720.99	717.50			
12-37	CB TA 4 DIA T8G	202+50.20	106.25	LT 727.74				724.25
12-38	MAN TA 5 DIA T1F CL	208+65.60	54.75	LT 730.90	725.00	723.89		725.77
12-39	CB TA 4 DIA T24F&G	208+65.50	36.10	LT 731.04	726.82		725.95	725.92
12-40	CB TA 4 DIA T23F&G	208+65.35	3.40	RT 731.42			726.28	726.53
12-41	CB TA 4 DIA T24F&G	208+65.25	36.00	RT 731.00			726.82	
12-42	MAN TA 7 DIA T1F CL	209+90.75	53.90	LT 731.35	725.60	725.60		726.56
12-43	CB TA 4 DIA T1F OL	205+10.00	49.50	RT 730.05			726.55	
12-44	MAN TA 6 DIA T1F CL	206+61.30	55.35	LT 731.60	722.91	722.91		
12-45	CB TA 4 DIA T8G	208+25.00	49.00	RT 730.70	727.20			
12-46	CB TA 4 DIA T8G	209+00.15	49.50	LT 730.66			727.15	
13-1	CB TA 4 DIA T24F&G	210+02.50	33.05	LT 731.46			726.76	727.01
13-2	CB TA 4 DIA T23F&G	210+02.40	3.95	LT 731.78			727.26	727.26
13-3	CB TA 4 DIA T24F&G	210+02.20	43.60	RT 731.19			727.70	
13-4	MAN TA 5 DIA T1F CL	211+39.55	49.95	LT 730.92	726.32	726.32		727.17
13-5	CB TA 4 DIA T23F&G	211+39.40	4.00	LT 732.74			727.80	727.80
13-6	CB TA 4 DIA T24F&G	211+39.20	45.00	RT 731.76			728.25	
13-7	MAN TA 7 DIA T1F CL	212+40.20	56.55	LT 732.50	726.80	726.80		726.80
13-8	CB TA 4 DIA T8G	212+61.30	100.10	LT 732.08	728.20			728.20
13-9	CB TA 4 DIA T24F&G	212+60.60	105.00	LT 731.78			728.30	
13-10	CB TA 4 DIA T24F&G	213+20.35	97.90	LT 731.52	728.20		728.20	
13-11	CB TA 4 DIA T8G	213+33.30	99.85	LT 731.78			728.30	
13-12	CB TC T8G	213+50.00	54.50	RT 730.00	728.50			
13-13	CB TC T8G	214+00.20	55.00	LT 733.26	731.00			
13-14	MAN TA 5 DIA T1F CL	214+21.60	64.40	LT 735.75	727.69	727.69		727.69
13-15	CB TA 4 DIA T24F&G	214+21.55	43.50	LT 733.18			730.80	727.82
13-16	CB TA 4 DIA T24F&G	214+21.25	31.50	RT 733.48			728.18	
13-17	MAN TA 5 DIA T1F CL	215+66.60	65.25	LT 736.00	728.39	728.39		729.81
13-18	CB TA 4 DIA T24F&G	215+66.55	42.50	LT 733.97			730.00	730.00
13-19	CB TA 4 DIA T24F&G	215+66.25	31.50	RT 734.21			730.70	
13-20	MAN TA 5 DIA T1F CL	217+11.60	58.05	LT 736.45	729.09	729.09		730.06
13-21	CB TA 4 DIA T24F&G	217+11.50	31.50	LT 734.92			730.29	730.54
13-22	CB TA 4 DIA T24F&G	217+11.25	31.50	RT 734.94			730.84	
13-23	MAN TA 4 DIA T1F CL	218+56.60	57.55	LT 736.35	729.79			731.29
13-24	CB TA 4 DIA T24F&G	218+56.50	31.50	LT 735.63			731.51	731.51
13-25	CB TA 4 DIA T24F&G	218+56.25	31.50	RT 735.63			732.10	
13-26	CB TA 4 DIA T24F&G	221+45.50	31.50	LT 735.56			731.55	731.55
13-27	CB TA 4 DIA T24F&G	221+45.25	31.50	RT 735.56			730.96	730.71

DRAINAGE STRUCTURE SCHEDULE

STRUCTURE NO.	STRUCTURE TYPE	STATION	OFFSET	RIM ELEV.	INVERT (N)	INVERT (S)	INVERT (W)	INVERT (E)
13-28	MAN TA 4 DIA T1F CL	221+45.15	54.95	RT 737.25	729.00		730.52	
13-29	CB TA 4 DIA T8G	221+50.00	45.00	LT 735.14			731.65	731.65
13-30	CB TA 4 DIA T8G	222+00.00	48.50	RT 734.36			730.85	730.85
13-31	MAN TA 4 DIA T1F CL	222+12.70	54.85	RT 736.25	728.69	728.69	730.75	
13-32	CB TA 4 DIA T24F&G	222+89.50	31.50	LT 734.77			731.25	731.25
13-33	MAN TA 5 DIA T1F CL	222+75.65	57.40	RT 733.45	728.40	728.40	730.40	729.03
13-34	CB TA 4 DIA T24F&G	222+89.05	89.20	RT 732.80			729.30	
13-35	CB TA 4 DIA T24F&G	224+33.50	31.50	LT 734.09			730.60	
13-36	CB TA 4 DIA T24F&G	224+33.25	31.50	RT 734.09			730.01	730.01
13-37	MAN TA 4 DIA T1F CL	224+33.15	63.75	RT 734.75	725.49	727.63	729.73	
13-38	MAN TA 6 DIA T1F CL	213+05.85	100.10	LT 730.48	727.00			727.00
13-39	CB TA 4 DIA T8G	217+00.00	43.00	RT 734.37	730.90			
13-40	CB TA 4 DIA T24F&G	217+39.50	37.30	LT 732.06			727.26	727.51
13-41	CB TC T8G	212+45.50	99.85	RT 731.20	728.00			
13-42	CB TA 4 DIA T24F&G	212+60.80	105.00	RT 731.22		727.80	727.80	
13-43	MAN TA 5 DIA T1F CL	213+05.85	100.10	LT 731.78	728.00			717.00
13-44	CB TA 4 DIA T8G	211+39.75	55.55	LT 730.50			717.00	727.00
14-1	CB TA 4 DIA T24F&G	225+77.50	31.50	LT 733.40			731.56	729.9
14-2	CB TA 4 DIA T24F&G	225+77.20	41.55	RT 733.16			729.21	728.96
14-3	MAN TA 5 DIA T1F CL	225+77.15	63.60	RT 734.83	724.8	724.8	728.78	
14-4	CB TA 4 DIA T24F&G	227+21.50	31.50	LT 732.67			729.17	729.17
14-5	CB TA 4 DIA T24F&G	227+21.20	43.50	RT 732.39	727.78		728.46	727.53
14-6	MAN TA 5 DIA T1F CL	227+21.15	63.05	RT 733.50	724.1	724.1	727.37	
14-7	CB TA 4 DIA T8G	227+85.00	59.00	RT 731.90			728.4	
14-8	CB TA 4 DIA T24F&G	228+32.00	54.80					

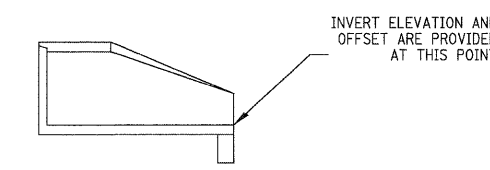
DRAINAGE STRUCTURE SCHEDULE

STRUCTURE NO.	STRUCTURE TYPE	STATION	OFFSET	RIM ELEV.	INVERT (N)	INVERT (S)	INVERT (W)	INVERT (E)
16-12	CB TA 4 DIA T23F&G	13+27.00	9.00	749.43	743.95	743.70		
16-13	CB TA 4 DIA T24F&G	13+27.00	63.00	748.41	743.02	743.02	744.11	
16-14	MAN TA 5 DIA T1F CL	13+27.00	75.10	747.95	742.94		741.51	741.51
16-17	CB TA 4 DIA T24F&G	16+63.00	64.00	746.99		743.50		
16-18	CB TA 4 DIA T23F&G	16+63.00	9.00	748.03	743.16	743.16		
16-19	CB TA 4 DIA T24F&G	16+63.00	52.55	747.27	742.96			742.71
16-20	CB TA 4 DIA T24F&G	18+11.00	62.65	745.68		742.18		
16-21	CB TA 4 DIA T23F&G	18+11.00	8.45	746.64	741.85	741.85		
16-22	CB TA 4 DIA T24F&G	18+11.00	52.00	745.89	741.65	741.40		
16-23	MAN TA 5 DIA T1F CL	18+10.55	59.10	746.20	741.20		741.42	741.20
16-24	CB TA 4 DIA T23F&G	19+59.00	2.15	745.09	739.73	739.73	742.48	
16-25	CB TA 4 DIA T24F&G	19+59.00	52.00	744.18	739.48	739.48		
16-26	MAN TA 5 DIA T1F CL	19+59.00	58.55	744.55	739.45	740.06	740.12	739.45
16-27	CB TC T24F&G	19+84.40	51.25	743.84		739.98		
16-28	MAN TA 4 DIA T1F CL	21+20.85	55.25	742.75		738.45	738.71	738.45
16-29	PRC FLAR END SEC 18	21+21.05	62.65	740.00	738.00			
16-30	CB TC T24F&G	21+77.55	45.90	741.65		739.15		
16-31	CB TA 4 DIA T24F&G	21+77.65	45.85	741.65	738.71		738.71	
16-32	PRC FLAR END SEC 12	19+03.45	66.00	744.15				742.88
16-33	CB TC T8G	19+38.00	68.50	742.25	740.25			
16-34	CB TA 4 DIA T8G	13+55.55	79.50	747.75			744.75	
17-1	CB TA 4 DIA T24F&G	16+41.00	51.65	741.51		738.00		
17-2	CB TA 4 DIA T23F&G	16+41.00	3.05	742.29	737.49	737.49		
17-3	CB TA 4 DIA T24F&G	16+41.00	45.70	741.59	737.10	736.85		
17-4	MAN TA 5 DIA T1F CL	16+43.95	63.75	741.05	736.71	735.15	735.00	735.00
18-1	CB TA 4 DIA T24F&G	18+19.00	51.60	739.45		735.95		
18-2	CB TA 4 DIA T23F&G	18+19.00	8.60	740.25	735.56	735.56		
18-3	CB TA 4 DIA T24F&G	18+19.00	52.40	739.47	734.99	734.74		
18-4	CB TA 5 DIA T8G	18+19.00	64.40	737.69	734.65		732.50	732.50
18-5	CB TC T8G	25+40.00	66.00	726.75		724.75		
18-6	MAN TA 4 DIA T1F CL	25+39.30	51.10	728.78	724.50	724.62	724.62	724.62
18-7	MAN TA 4 DIA T1F CL	26+07.50	54.20	728.25		724.84	724.84	724.84
18-8	CB TA 4 DIA T24F&G	26+07.50	45.45	728.15	724.95	724.95		725.35
18-9	CB TA 4 DIA T23F&G	26+07.50	6.35	729.10	725.18	725.18		725.35
18-10	CB TA 4 DIA T24F&G	26+07.50	46.65	728.45	725.35			725.35
18-11	MAN TA 4 DIA T1F CL	28+03.00	45.50	729.60		725.46	725.46	
18-12	CB TA 4 DIA T24F&G	28+03.00	34.75	729.25	725.53	725.53		
18-13	CB TA 4 DIA T24F&G	28+03.00	52.25	729.16	725.95			
18-14	PRC FLAR END SEC 36	25+47.60	61.10	727.00	723.53			
18-15	PRC FLAR END SEC 15	18+27.00	63.00	738.35				736.85
18-16	PRC FLAR END SEC 15	18+87.00	63.00	737.75			736.25	
18-17	CB TA 4 DIA T24F&G	26+17.50	45.45	728.15			725.40	
18-18	CB TA 4 DIA T23F&G	26+17.50	5.50	729.10			725.40	
18-19	CB TA 4 DIA T24F&G	26+17.50	46.95	728.45			725.40	
19-1	PRC FLAR END SEC 15	13+47.00	38.05	716.15				714.65
19-2	PRC FLAR END SEC 15	13+72.00	37.90	715.85			714.35	
19-3	PRC FLAR END SEC 15	16+60.95	36.95	718.10				716.60
19-4	PRC FLAR END SEC 15	16+85.95	38.05	717.80			716.30	
19-5	PRC FLAR END SEC 15	9+08.00	20.25	721.85				720.35
19-6	PRC FLAR END SEC 15	9+58.00	20.25	721.55			720.05	
20-1	CB TA 4 DIA T24F&G	6+93.10	30.50	736.43			731.60	731.60
20-2	MAN TA 4 DIA T1F CL	7+87.50	31.75	735.28		729.67	729.67	
20-3	MAN TA 5 DIA T1F CL	8+02.15	50.00	733.20	729.27		730.53	727.43
20-4	CB TA 4 DIA T24F&G	9+07.00	35.30	733.84	728.88	728.88		
20-5	CB TA 4 DIA T23F&G	9+07.00	5.15	734.41	728.51	728.26		
20-6	CB TA 4 DIA T24F&G	9+07.00	35.25	733.84	728.00	728.00		
20-7	MAN TA 5 DIA T1F CL	9+07.00	51.70	732.00	727.88		726.43	725.35
20-8	CB TA 4 DIA T24F&G	11+57.00	40.00	730.84	724.13	724.13		
20-9	CB TA 4 DIA T23F&G	11+57.00	9.00	731.35	723.86	723.61		
20-10	CB TA 4 DIA T24F&G	11+57.00	47.15	730.66	723.09	723.09		
20-11	MAN TA 5 DIA T1F CL	11+57.00	58.80	730.92	723.00	726.50	722.90	722.90
20-12	CB TA 5 DIA T8G	11+67.25	54.35	730.05		724.27	727.20	724.52
20-13	CB TA 4 DIA T23F&G	14+07.00	9.00	727.61		724.05		
20-14	CB TA 4 DIA T24F&G	14+07.00	52.00	726.79	723.48	723.48		
20-15	MAN TA 5 DIA T1F CL	14+07.00	65.85	726.90	723.40	722.90	720.45	720.45
20-16	CB TA 4 DIA T8G	14+00.00	75.40	726.50	723.00		724.04	
20-17	CB TA 4 DIA T24F&G	16+43.00	52.00	724.50		721.00		
20-18	CB TA 4 DIA T23F&G	16+43.00	9.00	725.22	720.43	720.43		
20-19	CB TA 4 DIA T24F&G	16+43.00	49.55	724.50	720.06	719.81		
20-20	MAN TA 4 DIA T1F CL	16+43.00	55.50	724.75	719.71			718.42
20-21	CB TA 4 DIA T8G	6+00.00	43.00	736.00				732.50
20-22	CB TA 4 DIA T8G	6+41.00	39.00	736.00		732.50		
20-23	CB TA 4 DIA T24F&G	8+51.00	29.60	736.90	732.40	731.60		730.00
20-24	CB TA 4 DIA T8G	10+00.00	58.50	730.75				727.25
20-25	CB TA 4 DIA T8G	10+85.00	65.50	731.90	726.84		726.84	
20-26	CB TA 4 DIA T8G	9+00.00	55.00	732.55		729.05		
20-27	CB TA 4 DIA T8G	10+43.00	52.50	731.90				728.40
20-28	CB TA 4 DIA T8G	12+28.35	54.00	729.25			725.09	725.09
20-29	CB TA 4 DIA T8G	12+97.20	56.00	729.25	726.45		725.75	
20-30	CB TA 4 DIA T8G	12+50.00	68.50	729.00				725.50
21-1	CB TA 4 DIA T24F&G	18+93.00	50.65	721.78		718.30		
21-2	CB TA 4 DIA T23F&G	18+93.00	4.80	722.59	717.79	717.79		
21-3	CB TA 4 DIA T24F&G	18+93.00	38.60	722.02	717.49	717.24		
21-4	MAN TA 4 DIA T1F CL	18+93.00	50.75	721.90	717.15		716.67	716.67
21-5	MAN TA 4 DIA T1F CL	19+81.55	47.80	721.25			716.07	716.07
21-6	CB TA 4 DIA T8G	18+00.00	54.00	721.85			717.36	717.36
21-7	CB TC T8G	20+00.00	69.50	717.55				716.55
21-8	MAN TA 4 DIA T1F CL	20+21.20	39.80	720.53	716.21		716.21	
21-9	MAN TA 6D T1FCL R-PLT	20+20.25	46.50	720.80			715.83	715.83
21-10	MAN TA 4 DIA T1F CL	20+36.00	46.45	720.70			715.60	
21-11	CB TA 4 DIA T8G	17+00.00	57.50	724.50			718.04	718.04
23-1	CB TA 4 DIA T8G	17+40.00	28.55	728.88		725.40		
23-2	CB TA 4 DIA T8G	17+00.00	26.75	729.65	725.08		725.08	
23-3	CB TA 4 DIA T8G	16+37.85	26.75	729.90			724.51	724.76
24-1	CB TA 4 DIA T24F&G	18+87.30	24.00	723.30		720.90		
24-2	CB TA 4 DIA T8G	18+00.00	49.20	722.52			719.00	



DRAINAGE STRUCTURE LAYOUT DETAIL  
\*AS NOTED IN GENERAL NOTES

\*OFFSETS FOR THE DRAINAGE STRUCTURES NOTED IN THE PLANS ARE AT EDGE OF PAVEMENT FOR DRAINAGE STRUCTURES WITHIN THE PAVEMENT. FOR DRAINAGE STRUCTURES OUTSIDE THE PAVEMENT, THE OFFSETS ARE TO THE CENTER OF OPENING.



FLARED END SECTION DETAIL

STORM SEWER SCHEDULE							
PIPE NO.	FROM	TO	LENGTH (FT)	DIA. (IN)	TYPE	SLOPE (%)	TRENCH BACKFILL (CU YD)
1A	1-1	1-2	49	12	STORM SEW CL A 1 12	1.57	0.00
1B	1-2	1-4	86	15	STORM SEW CL A 1 15	0.35	0.00
1C	1-4	1-5	30	15	STORM SEW WM REQ 15	0.33	6.48
1D	1-30	1-5	90	12	STORM SEW WM REQ 12	1.00	0.00
1E	1-7	EXIST.	12	12	STORM SEW CL A 1 12	1.00	0.00
1F	1-8	EXIST.	37	12	STORM SEW CL A 1 12	0.43	0.00
1G	1-10	1-9	3	15	STORM SEW CL A 1 15	1.67	0.00
1H	1-11	1-10	60	15	STORM SEW CL A 1 15	0.35	0.00
1I	1-12	1-11	24	12	STORM SEW CL A 1 12	0.50	0.00
1J	1-9	1-13	153	15	STORM SEW CL A 1 15	0.37	0.00
1K	1-14	1-14	6	15	STORM SEW CL A 1 15	0.75	0.00
1L	1-15	1-14	44	12	STORM SEW CL A 2 12	0.50	4.83
1M	1-16	1-15	39	12	STORM SEW CL A 1 12	0.49	0.00
1N	1-13	1-17	131	15	STORM SEW CL A 1 15	0.37	0.00
1O	1-18	1-17	13	15	STORM SEW CL A 1 15	0.54	0.00
1P	1-19	1-18	27	15	STORM SEW CL A 1 15	0.52	4.91
1Q	1-20	1-19	57	12	STORM SEW CL A 2 12	0.51	8.18
1R	1-21	1-18	6	12	STORM SEW CL A 1 12	1.67	0.91
1S	1-22	1-19	6	12	STORM SEW CL A 2 12	1.67	1.18
1T	1-23	1-20	6	12	STORM SEW CL A 1 12	2.50	0.00
1U	1-3	1-4	9	12	STORM SEW CL A 2 12	0.56	0.00
1V	1-24	1-25	31	15	STORM SEW CL A 1 15	0.48	0.00
1X	1-26	1-27	27	15	STORM SEW CL A 1 15	0.74	0.00
1Y	1-28	1-29	27	15	STORM SEW CL A 1 15	0.74	0.00
1AA	1-31	1-32	31	15	STORM SEW CL A 1 15	0.81	0.00
1BB	1-33	1-16	12	12	STORM SEW WM REQ 12	0.83	0.00
2A	1-17	2-29	120	18	STORM SEW CL A 1 18	0.31	0.00
2B	2-5	2-26	20	30	STORM SEW CL A 1 30	0.50	0.00
2C	2-3	HDW	16	24	STORM SEW CL A 2 24	1.13	12.55
2D	2-2	2-1	27	12	STORM SEW CL A 1 12	0.48	0.00
2E	2-4	2-3	9	12	STORM SEW CL A 1 12	0.78	1.23
2F	2-1	2-5	16	12	STORM SEW CL A 1 12	0.44	0.00
2G	2-6	2-3	107	24	STORM SEW WM REQ 24	1.12	68.69
2H	2-7	2-5	217	30	STORM SEW CL A 2 30	0.51	17.24
2I	2-11	2-6	269	18	STORM SEW WM REQ 18	1.03	90.01
2J	2-9	2-7	73	30	STORM SEW CL A 2 30	0.27	13.97
2K	2-8	2-7	22	30	STORM SEW CL A 2 30	0.45	16.60
2L	16-14	2-9	56	30	STORM SEW CL A 2 30	0.32	18.51
2M	2-10	2-11	54	12	STORM SEW CL A 2 12	0.56	10.76
2N	2-12	2-11	48	12	STORM SEW WM REQ 12	2.19	0.00
2O	2-17	2-11	96	15	STORM SEW CL A 2 15	1.00	29.28
2P	2-14	2-15	57	12	STORM SEW CL A 2 12	0.47	9.41
2Q	2-15	2-16	32	12	STORM SEW WM REQ 12	0.47	6.33
2R	2-16	2-17	4	15	STORM SEW CL A 2 15	2.50	0.93
2S	2-19	2-18	3	15	STORM SEW CL A 2 15	1.00	0.76
2T	2-20	2-19	31	15	STORM SEW CL A 2 15	1.00	7.85
2U	2-21	2-20	41	12	STORM SEW WM REQ 12	1.00	5.77
2V	2-18	2-22	206	36	STORM SEW CL A 2 36	0.50	160.27
2W	2-23	2-22	4	15	STORM SEW CL A 2 15	1.25	2.55
2X	2-24	2-23	72	15	STORM SEW CL A 2 15	1.00	25.43
2Y	2-22	3-2	176	42	STORM SEW CL A 2 42	0.59	156.90
2Z	2-25	2-24	76	15	STORM SEW WM REQ 15	0.50	13.00
2AA	2-29	2-26	81	18	STORM SEW CL A 2 18	0.31	26.59
2BB	2-27	2-28	76	15	STORM SEW CL A 1 15	0.86	0.00
2CC	2-28	2-29	8	15	STORM SEW CL A 2 15	1.25	0.00
2DD	2-30	2-28	21	15	STORM SEW CL A 1 15	7.62	0.00
2EE	2-32	2-8	85	30	STORM SEW CL A 2 30	0.48	65.75
2FF	2-33	2-32	59	30	STORM SEW CL A 2 30	0.49	45.11
2GG	2-34	2-17	114	12	STORM SEW CL A 2 12	1.00	25.89
2HH	2-35	2-21	12	12	STORM SEW WM REQ 12	0.42	0.00
2I	2-36	2-18	70	12	STORM SEW CL A 1 12	0.50	0.00
2JJ	2-37	2-24	36	12	STORM SEW WM REQ 12	1.00	5.51
3A	3-0	3-4	98	34x22	STORM SEW CL A 1 EQRS 27	2.05	0.00
3B	3-1	3-3	70	12	STORM SEW CL A 2 12	1.00	21.00
3C	3-3	3-2	4	15	STORM SEW CL A 2 15	1.75	2.20
3D	3-2	3-5	248	42	STORM SEW CL A 2 42	0.44	211.72
3E	3-6	3-5	3	15	STORM SEW CL A 2 15	1.67	0.79
3F	3-7	3-6	58	12	STORM SEW CL A 2 12	1.00	12.29
3G	3-5	3-9	218	42	STORM SEW CL A 2 42	0.50	162.78
3H	3-10	3-9	3	15	STORM SEW CL A 2 15	2.00	0.78
3I	3-11	3-10	53	15	STORM SEW CL A 2 15	1.00	11.08
3K	3-9	3-13	246	42	STORM SEW CL A 2 42	0.50	222.63
3M	3-14	3-13	3	15	STORM SEW CL A 2 15	3.33	0.92
3N	3-15	3-14	53	15	STORM SEW CL A 2 15	1.00	13.39
3O	3-42	3-16	121	42	STORM SEW CL A 2 42	0.78	148.47
3P	3-16	3-17	1	42	STORM SEW CL A 2 42	1.00	1.23
3Q	3-17	3-43	74	42	STORM SEW CL A 2 42	0.53	99.64
3R	3-18	3-16	61	30	STORM SEW CL A 2 30	0.34	70.65
3S	3-19	3-18	5	15	STORM SEW CL A 2 15	1.40	1.61
3T	3-20	3-19	53	12	STORM SEW CL A 2 12	1.00	12.93
3U	3-21	3-18	49	30	STORM SEW CL A 2 30	0.35	39.01
3V	3-22	3-21	10	15	STORM SEW CL A 2 15	1.00	2.55
3W	3-23	3-22	53	12	STORM SEW CL A 2 12	1.00	9.70
3X	3-24	3-22	6	12	STORM SEW CL A 1 12	2.00	0.93
3Y	3-25	3-23	6	12	STORM SEW CL A 1 12	2.00	0.93
3Z	3-26	3-21	212	30	STORM SEW WM REQ 30	0.46	226.20
3AA	3-52	EXIST.	100	36	STORM SEW CL A 2 36	2.03	55.84
3CC	3-27	3-26	3	15	STORM SEW CL A 2 15	1.67	0.92
3DD	3-28	3-27	53	12	STORM SEW CL A 2 12	1.00	12.03
3EE	3-29	3-26	44	24	STORM SEW CL A 2 24	0.75	32.62
3FF	4-1	3-29	198	24	STORM SEW CL A 2 24	0.71	155.33
3HH	3-30	3-7	19	12	STORM SEW WM REQ 12	1.00	0.00
3I	3-31	3-11	16	12	STORM SEW CL A 1 12	1.00	0.00
3JJ	3-32	3-15	15	12	STORM SEW CL A 2 12	1.00	0.00
3KK	3-51	3-5	4	12	STORM SEW CL A 2 12	1.50	1.07
3LL	3-33	3-51	127	12	STORM SEW CL A 1 12	1.00	0.00
3MM	3-4	3-35	311	24	STORM SEW CL A 3 24	0.18	324.76
3NN	3-34	3-30	78	12	STORM SEW WM REQ 12	1.00	0.00
300	3-35	3-39	241	24	STORM SEW CL A 3 24	0.22	217.32
3PP	3-36	3-31	65	12	STORM SEW WM REQ 12	1.00	0.00

STORM SEWER SCHEDULE							
PIPE NO.	FROM	TO	LENGTH (FT)	DIA. (IN)	TYPE	SLOPE (%)	TRENCH BACKFILL (CU YD)
3QQ	3-37	3-9	39	12	STORM SEW CL A 2 12	0.77	13.71
3RR	3-38	3-9	102	12	STORM SEW CL A 2 12	0.00	15.64
3SS	3-40	3-32	102	24	STORM SEW WM REQ 12	1.00	0.00
3TT	3-39	3-43	318	24	STORM SEW CL A 2 24	0.20	234.43
3UU	3-13	3-42	56	42	STORM SEW CL A 2 42	0.73	70.45
3VV	3-41	3-42	4	12	STORM SEW CL A 2 12	1.25	0.52
3WW	3-44	3-18	9	12	STORM SEW CL A 2 12	1.00	0.98
3XX	3-45	3-20	20	12	STORM SEW CL A 2 12	1.00	2.34
3YY	3-46	3-26	5	12	STORM SEW CL A 2 12	1.00	0.76
3ZZ	3-47	3-28	43	12	STORM SEW WM REQ 12	1.00	4.82
3AAA	3-49	3-48	40	12	STORM SEW CL A 1 12	0.35	0.00
3BBB	3-50	3-49	76	12	STORM SEW CL A 1 12	0.34	0.00
3CCC	2-38	3-1	43	12	STORM SEW WM REQ 12	1.00	3.79
3DDD	3-53	3-37	86	12	STORM SEW CL A 1 12	0.52	20.48
4A	4-2	4-1	3	12	STORM SEW CL A 1 12	0.67	0.00
4B	4-3	4-4	59	12	STORM SEW WM REQ 24	0.31	41.11
4C	4-5	4-1	46	24	STORM SEW CL A 2 24	0.37	38.92
4D	4-4	4-27	4	24	STORM SEW WM REQ 24	0.50	3.27
4E	4-29	4-5	121	15	STORM SEW CL A 2 15	0.32	30.78
4F	4-7	4-6	11	12	STORM SEW CL A 1 12	0.45	0.00
4G	4-8	4-9	6	12	STORM SEW CL A 1 12	0.83	0.00
4H	4-10	4-12	155	12	STORM SEW WM REQ 12	0.67	15.89
4I	4-11	4-14	146	12	STORM SEW CL A 2 12	1.03	15.17
4J	4-13	4-12	6	12	STORM SEW CL A 1 12	0.83	0.00
4K	4-12	EXIST.	50	12	STORM SEW CL A 2 12	1.00	13.51
4L	4-15	4-14	3	12	STORM SEW CL A 1 12	1.67	0.40
4M	4-14	4-16	246	18	STORM SEW WM REQ 18	1.67	201.50
4N	4-17	4-16	1	15	STORM SEW CL A 2 15	9.00	0.70
4O	4-18	4-17	53	12	STORM SEW CL A 2 12	1.00	19.33
4P	4-16	4-19	246	24	STORM SEW CL A 2 24	1.00	308.24
4Q	4-20	4-19	1	12	STORM SEW CL A 2 12	10.00	0.17
4R	4-21	4-20	53	12	STORM SEW CL A 1 12	1.04	0.00
4S	4-19	4-22	13	24	STORM SEW CL A 2 24	1.15	14.97
4T	4-22	EXIST.	79	24	STORM SEW CL A 2 24	1.00	130.57
4U	4-25	EXIST.	116	36	STORM SEW CL A 2 36	0.31	223.79
4V	4-23	4-24	53	12	STORM SEW CL A 2 12	1.00	13.76
4W	4-24	4-25	2	15	STORM SEW CL A 2 15	4.50	0.69
4X	5-1	4-25	135	36	STORM SEW CL A 2 36	0.31	187.35
4Y	4-26	4-23	13	12	STORM SEW CL A 2 12	1.00	2.13
4Z	4-9	4-27	181	24	STORM SEW WM REQ 24	0.52	151.83
4AA	4-28	4-27	26	12	STORM SEW CL A 1 12	1.00	0.00
4BB	4-6	4-29	74	15	STORM SEW CL A 2 15	0.32	21.42
4CC	4-30	4-6	119	12	STORM SEW CL A 2 12	0.50	74.49
4DD	4-31	4-9	6	12	STORM SEW WM REQ 12	1.00	1.52
4EE	4-33	4-32	26	15	STORM SEW CL A 1 15	0.38	0.00
4FF	4-34	4-12	8	12	STORM SEW CL A 2 12	1.25	0.64
4GG	4-35	4-18	78	12	STORM SEW CL A 2 12	1.00	8.45
5A	EXIST.	5-1	68	48	STORM SEW CL A 1 48	1.00	36.83
5B	5-2	5-1	9	24	STORM SEW CL A 2 24	1.00	7.43
5C	5-6	5-2	48	48	STORM SEW CL A 1 48	0.10	29.34
5D	5-3	5-4	10	12	STORM SEW CL A 1 12	5.50	0.00
5E	5-4	5-5	53	15	STORM SEW CL A 1 15	0.34	0.00
5F	5-5	5-6	1	15	STORM SEW CL A 1 15	1.00	0.14
5G	5-7	5-6	12	12	STORM SEW CL A 2 12	0.50	1.84
5H	5-8	5-4	6	12	STORM SEW CL A 1 12	0.83	0.00
5I	5-9	5-5	6	12	STORM SEW CL A 1 12	0.83	0.00

STORM SEWER SCHEDULE							
PIPE NO.	FROM	TO	LENGTH (FT)	DIA. (IN)	TYPE	SLOPE (%)	TRENCH BACKFILL (CU YD)
6Z	6-27	6-22	199	24	STORM SEW WM REQ 24	0.70	39.55
6AA	6-31	6-26	11	15	STORM SEW CL A 2 15	1.36	1.80
6BB	6-28	6-27	22	15	STORM SEW WM REQ 15	1.05	8.33
6CC	6-29	6-28	29	12	STORM SEW CL A 1 12	1.00	0.00
6DD	6-30	6-31	4	12	STORM SEW CL A 1 12	5.00	0.58
6EE	6-30	6-35	11	12	STORM SEW CL A 1 12	1.00	1.48
6FF	6-33	6-31	141	15	STORM SEW CL A 2 15	1.35	89.68
6GG	6-34	6-27	168	24	STORM SEW WM REQ 24	0.70	35.02
6HH	6-37	6-33	23	15	STORM SEW CL A 2 15	1.30	7.29
6II	6-35	6-34	13	15	STORM SEW CL A 2 15	1.00	2.72
6JJ	6-36	6-35	36	12	STORM SEW CL A 1 12	1.00	0.00
6KK	6-42	6-34	95	24	STORM SEW CL A 2 24	1.49	0.00
6LL	6-38	6-39	34	12	STORM SEW CL A 2 12	0.44	9.33
6MM	18-4	6-42	231	24	STORM SEW CL A 1 24	1.30	15.64
6NN	6-39	6-40	57	12	STORM SEW WM REQ 12	0.44	16.35
6OO	6-43	6-42	13	12	STORM SEW CL A 1 12	1.00	0.00
6PP	6-40	6-41	4	15	STORM SEW CL A 2 15	1.00	1.01
6QQ	6-45	6-41	126	12	STORM SEW CL A 2 12	0.44	29.27
6RR	6-44	6-45	1	12	STORM SEW CL A 2 12	5.00	0.31
6SS	6-48	6-43	100	12	STORM SEW CL A 1 12	1.00	0.00
6TT	6-49	6-5	15	12	STORM SEW WM REQ 12	2.33	0.00
6UU	6-13	6-22	135	12	STORM SEW WM REQ 12	1.53	0.00
6VV	6-49	6-28	710	12	STORM SEW CL A 2 12	0.30	79.31
7A	7-1	6-46	106	12	STORM SEW CL A 1 12	1.00	0.00
7B	6-46	7-2	84	12	STORM SEW CL A 2 12	1.00	20.40
7C	6-47	7-2	65	12	STORM SEW WM REQ 12	1.00	10.63
7D	7-2	7-5	52	18	STORM SEW CL A 2 18	0.71	35.57
7E	7-3	7-4	73	12	STORM SEW CL A 2 12	1.00	13.47
7F	7-4	7-5	1	12	STORM SEW CL A 2 12	7.00	0.30
7G	7-6	7-5	30	12	STORM SEW WM REQ 12	0.47	7.36
7H	7-5	7-7	103	18	STORM SEW CL A 2 18	0.73	87.48
7I	7-7	7-11	188	24	STORM SEW WM REQ 24	0.72	159.05
7J	7-8	7-9	36	12	STORM SEW CL A 2 12	0.50	9.12
7K	7-9	7-10	48	15	STORM SEW WM REQ 15	0.50	15.22
7L	7-10	7-11	6	15	STORM SEW CL A 2 15	1.17	1.56
7M	7-11	7-14	176	24	STORM SEW CL A 2 24	0.73	29.83
7N	7-12	7-13	79	12	STORM SEW WM REQ 12	1.00	11.02
7O	7-13	7-14	7	12	STORM SEW CL A 1 12	1.00	0.52
7P	7-14	7-18	176	24	STORM SEW CL A 2 24	0.73	0.00
7Q	7-15	7-16	30	12	STORM SEW CL A 2 12	0.50	6.08
7R	7-16	7-17	71	15	STORM SEW WM REQ 15	0.49	84.43
7S	7-17	7-18	9	15	STORM SEW CL A 2 15	0.67	5.51
7T	7-18	7-21	176	36	STORM SEW CL A 2 36	0.30	114.63
7U	7-19	7-20	66	12	STORM SEW WM REQ 12	1.00	9.90
7V	7-20	7-21	3	12	STORM SEW CL A 2 12	1.67	0.61
7W	7-22	7-21	21	12	STORM SEW CL A 2 12	1.00	0.00
7X	7-21	7-25	197	36	STORM SEW CL A 2 36	0.17	0.00
7Y	7-23	7-24	61	12	STORM SEW WM REQ 12	1.00	0.00
7Z	7-24	7-25	5	12	STORM SEW CL A 1 12	1.00	0.72
7AA	7-25	7-28	197	36	STORM SEW CL A 2 36	0.17	0.00
7BB	7-26	7-27	61	12	STORM SEW WM REQ 12	1.00	13.08
7CC	7-27	7-28	6	15	STORM SEW CL A 2 15	1.00	1.44
7DD	7-28	7-33	46	36	STORM SEW CL A 1 36	0.83	0.00
7EE	7-30	HDW	6	15	STORM SEW CL A 1 15	1.50	1.18
7FF	7-29	7-30	61	12	STORM SEW WM REQ 12	1.00	8.45
7GG	7-31	7-29	6	12	STORM SEW CL A 1 12	1.67	0.00
7HH	7-32	7-30	6	12	STORM SEW CL A 1 12	1.67	0.00
7II	8-3	7-34	117	15	STORM SEW CL A 1 15	0.69	0.00
7JJ	7-35	7-8	82	12	STORM SEW CL A 2 12	0.50	9.26
7KK	7-36	7-11	13	12	STORM SEW CL A 2 12	0.46	0.00
7LL	7-37	7-36	96	12	STORM SEW CL A 2 12	0.50	6.17
7MM	7-40	7-39	96	12	STORM SEW CL A 2 12	1.00	4.62
7NN	7-39	7-18	3	12	STORM SEW CL A 2 12	1.33	0.00
7OO	7-41	7-42	36	15	STORM SEW CL A 1 15	0.42	0.00
7PP	7-43	7-26	58	12	STORM SEW CL A 1 12	1.00	8.12
7QQ	HDW	HDW	90	60X38	STORM SEW CL A 1 EQRS 48	0.72	0.00
7RR	HDW	HDW	90	60X38	STORM SEW CL A 1 EQRS 48	0.72	0.00
8A	8-1	8-2	61	12	STORM SEW WM REQ 12	0.44	0.00
8B	8-2	8-3	7	12	STORM SEW CL A 1 12	0.57	0.00
8C	8-7	8-3	205	15	STORM SEW CL A 1 15	0.68	8.65
8D	8-4	8-5	50	12	STORM SEW CL A 2 12	1.00	1.91
8E	8-5	8-6	61	12	STORM SEW WM REQ 12	1.00	14.62
8F	8-6	8-7	9	15	STORM SEW CL A 2 15	1.00	2.10
8G	8-9	8-10	44	12	STORM SEW CL A 1 12	1.00	0.00
8H	8-8	8-11	56	12	STORM SEW CL A 1 12	1.00	7.62
8I	8-11	8-10	61	12	STORM SEW WM REQ 12	1.00	11.23
8J	8-10	8-12	18	15	STORM SEW CL A 2 15	1.00	0.81
8K	8-13	8-12	3	12	STORM SEW CL A 2 12	1.67	0.00
8L	8-12	8-14	105	15	STORM SEW CL A 2 15	0.99	33.98
8M	8-15	8-14	5	15	STORM SEW CL A 2 15	1.00	1.79
8N	8-16	8-15	61	12	STORM SEW WM REQ 12	1.00	18.34
8O	8-14	8-17	125	15	STORM SEW CL A 2 15	0.99	20.06
8P	8-18	8-17	4	12	STORM SEW CL A 2 12	2.25	0.70
8Q	8-19	8-18	61	12	STORM SEW WM REQ 12	1.00	0.00
8R	8-17	8-20	209	18	STORM SEW CL A 2 18	1.00	0.00
8S	8-21	8-20	5	15	STORM SEW CL A 2 15	1.00	1.45
8T	8-22	8-21	67	12	STORM SEW WM REQ 12	1.00	14.97
8U	8-23	8-22	2	12	STORM SEW CL A 1 12	2.50	0.28
8V	8-24	8-27	59	12	STORM SEW CL A 2 12	1.00	6.54
8W	8-20	8-25	209	18	STORM SEW CL A 2 18	0.97	0.00
8X	8-26	8-25	7	15	STORM SEW CL A 2 15	1.43	5.30
8Y	8-27	8-26	73	12	STORM SEW WM REQ 12	1.25	46.14
8Z	8-33	8-29	58	15	STORM SEW WM REQ 15	0.98	2.57
8AA	8-25	8-30	183	24	STORM SEW WM REQ 24	1.49	109.66
8BB	8-29	8-30	29	15	STORM SEW WM REQ 15	1.00	0.00
8CC	8-30	9-1	60	24	STORM SEW CL A 2 24	1.47	0.00
8DD	8-28	8-32	27	12	STORM SEW WM REQ 12	1.00	1.24
8EE	8-32	8-33	40	12	STORM SEW CL A 2 12	1.03	11.54
8FF	8-34	8-35	51	12	STORM SEW CL A 1 12	0.59	0.00
8GG	8-31	8-16	14	12	STORM SEW CL A 2 12	1.00	0.00

STORM SEWER SCHEDULE							
PIPE NO.	FROM	TO	LENGTH (FT)	DIA. (IN)	TYPE	SLOPE (%)	TRENCH BACKFILL (CU YD)
9A	9-2	9-1	3	12	STORM SEW CL A 2 12	2.33	0.58
9B	9-3	9-2	73	12	STORM SEW WM REQ 12	1.00	9.75
9C	9-1	9-4	246	24	STORM SEW CL A 2 24	1.50	126.08
9D	9-5	9-4	3	12	STORM SEW CL A 1 12	1.33	0.00
9E	9-6	9-5	66	12	STORM SEW WM REQ 12	1.00	0.00
9F	9-4	9-8	246	24	STORM SEW CL A 2 24	1.65	34.80
9H	9-9	9-8	7	12	STORM SEW CL A 1 12	1.29	0.00
9I	9-10	9-9	61	12	STORM SEW WM REQ 12	1.00	0.00
9J	9-8	9-11	215	36	STORM SEW CL A 2 36	0.15	0.00
9K	9-12	9-11	4	12	STORM SEW CL A 1 12	2.25	0.62
9L	9-13	9-12	61	12	STORM SEW WM REQ 12	1.00	0.00
9M	9-14	9-1	13	12	STORM SEW CL A 2 12	1.00	0.00
9N	9-15	9-16	96	12	STORM SEW CL A 1 12	1.00	0.00
9O	9-16	9-4	13	12	STORM SEW CL A 2 12	1.00	0.00
9Q	9-11	EXIST	6	36	STORM SEW CL A 2 36	0.15	5.41
10A	10-1	10-3	37	12	STORM SEW CL A 1 12	0.95	1.24
10B	10-3	EXIST	100	24	STORM SEW WM REQ 24	1.50	21.03
10C	10-4	10-3	125	15	STORM SEW WM REQ 15	0.40	28.21
10D	10-5	10-4	6	12	STORM SEW CL A 2 12	1.67	1.16
10E	10-6	10-4	7	12	STORM SEW CL A 2 12	1.43	0.00
10F	10-7	10-5	71	12	STORM SEW CL A 1 12	1.00	9.44
10G	10-8	EXIST	109	48	STORM SEW CL A 2 48	0.11	55.77
10H	10-9	10-10	61	12	STORM SEW WM REQ 12	0.46	0.00
10I	10-10	10-11	10	12	STORM SEW WM REQ 12	0.50	0.00
10J	10-11	10-14	194	15	STORM SEW CL A 2 15	0.49	0.00
10K	10-12	10-13	71	12	STORM SEW WM REQ 12	0.44	0.00
10L	10-13	10-14	5	12	STORM SEW CL A 1 12	0.60	0.00
10M	10-14	10-15	38	15	STORM SEW CL A 2 15	0.53	0.00
10N	10-16	HDW	33	48	STORM SEW CL A 2 48	0.52	0.00
10O	10-17	10-16	6	12	STORM SEW CL A 2 12	1.17	1.17
10P	10-18	10-17	73	12	STORM SEW WM REQ 12	1.00	11.98
10Q	10-21	10-16	215	48	STORM SEW CL A 2 48	0.50	122.44
10R	10-19	10-23	15	12	STORM SEW CL A 2 12	1.00	2.11
10S	10-20	10-21	19	12	STORM SEW CL A 2 12	4.68	0.00
10T	10-22	10-21	7	15	STORM SEW CL A 2 15	1.29	6.51
10U	10-23	10-22	61	12	STORM SEW WM REQ 12	1.00	47.29
10V	10-2	EXIST	15	12	STORM SEW CL A 1 12	0.67	0.00
10W	10-24	10-25	43	12	STORM SEW WM REQ 12	10.70	10.13
11A	11-1	10-21	215	48	STORM SEW CL A 2 48	0.50	0.00
11B	11-2	11-1	6	15	STORM SEW CL A 1 15	1.67	1.19
11C	11-3	11-2	61	12	STORM SEW CL A 1 12	1.00	9.06
11D	11-5	11-1	186	48	STORM SEW CL A 2 48	0.50	87.67
11E	11-4	11-5	10	12	STORM SEW CL A 1 12	1.00	0.00
11F	11-6	11-5	5	12	STORM SEW CL A 1 12	1.60	0.66
11G	11-7	11-6	67	12	STORM SEW CL A 1 12	1.00	9.01
11H	11-9	11-5	213	42	STORM SEW CL A 2 42	0.50	102.08
11I	11-8	11-9	3	12	STORM SEW CL A 2 12	1.67	0.00
11J	11-10	11-9	4	15	STORM SEW CL A 1 15	1.00	0.72
11K	11-11	11-10	61	12	STORM SEW CL A 1 12	1.00	8.08
11L	11-12	11-9	184	42	STORM SEW CL A 2 42	0.50	94.78
11M	11-13	11-12	3	12	STORM SEW CL A 1 12	1.33	0.49
11N	11-14	11-13	61	12	STORM SEW CL A 1 12	1.00	0.00
11O	11-15	11-12	184	42	STORM SEW CL A 2 42	0.49	133.78
11P	11-16	11-15	4	15	STORM SEW CL A 2 15	2.25	0.87
11Q	11-17	11-16	61	12	STORM SEW CL A 2 12	1.00	10.52
11R							

STORM SEWER SCHEDULE							
PIPE NO.	FROM	TO	LENGTH (FT)	DIA. (IN)	TYPE	SLOPE (%)	TRENCH BACKFILL (CU YD)
12AA	12-26	12-22	86	36	STORM SEW CL A 2 36	0.67	80.69
12BB	12-27	12-26	4	15	STORM SEW CL A 2 15	1.00	0.97
12CC	12-28	12-27	56	15	STORM SEW CL A 2 15	0.96	12.77
12DD	12-29	12-28	27	12	STORM SEW WM REQ 12	1.00	4.54
12EE	12-30	12-26	106	30	STORM SEW CL A 2 30	0.50	101.07
12FF	12-31	12-30	2	15	STORM SEW CL A 2 15	5.50	0.44
12GG	12-32	12-31	28	12	STORM SEW CL A 2 12	1.00	5.37
12HH	12-33	12-32	46	12	STORM SEW CL A 2 12	1.00	4.30
12II	12-34	12-1	5	12	STORM SEW CL A 2 12	2.00	0.00
12JJ	12-35	12-34	83	12	STORM SEW CL A 1 12	2.11	0.00
12KK	12-36	12-8	25	12	STORM SEW CL A 2 12	1.00	0.00
12LL	12-37	12-15	33	12	STORM SEW CL A 1 12	1.00	0.00
12MM	12-38	12-44	200	30	STORM SEW CL A 2 30	0.49	0.00
12NN	12-39	12-38	15	15	STORM SEW CL A 2 15	1.20	4.02
12OO	12-40	12-39	36	15	STORM SEW WM REQ 15	1.00	9.74
12PP	12-41	12-40	29	12	STORM SEW CL A 2 12	1.00	5.95
12QQ	12-42	12-38	121	30	STORM SEW CL A 1 30	0.50	0.00
12RR	13-1	12-42	20	15	STORM SEW WM REQ 15	1.00	4.52
12SS	12-45	12-41	38	12	STORM SEW CL A 1 12	1.00	5.05
12TT	12-44	12-30	8	30	STORM SEW CL A 2 30	0.50	8.43
12UU	12-46	12-39	33	12	STORM SEW CL A 1 12	1.00	0.00
12VV	12-43	12-29	25	12	STORM SEW CL A 1 12	1.00	0.00
13A	13-2	13-1	25	12	STORM SEW CL A 2 12	1.00	4.99
13B	13-3	13-2	44	12	STORM SEW CL A 2 12	1.00	6.58
13C	13-4	12-42	145	30	STORM SEW CL A 1 30	0.50	6.28
13D	13-5	13-40	29	12	STORM SEW WM REQ 12	1.00	6.59
13E	13-6	13-5	45	12	STORM SEW CL A 2 12	1.00	7.76
13F	13-7	13-4	97	30	STORM SEW CL A 1 30	0.49	0.00
13G	13-42	13-7	159	12	STORM SEW WM REQ 12	0.63	33.02
13H	13-8	13-7	44	12	STORM SEW CL A 2 12	1.00	0.00
13I	13-9	13-8	1	12	STORM SEW CL A 1 12	10.00	0.00
13J	13-10	13-38	11	12	STORM SEW WM REQ 12	10.91	0.00
13K	13-14	13-7	178	24	STORM SEW WM REQ 24	0.50	97.89
13L	13-12	13-16	71	12	STORM SEW CL A 2 12	0.45	0.00
13M	13-13	13-15	20	12	STORM SEW CL A 1 12	1.00	0.00
13N	13-15	13-14	17	15	STORM SEW CL A 2 15	0.76	5.75
13O	13-16	13-15	71	12	STORM SEW WM REQ 12	0.51	20.48
13P	13-17	13-14	141	24	STORM SEW CL A 2 24	0.50	0.00
13Q	13-18	13-17	19	12	STORM SEW CL A 2 12	1.00	1.25
13R	13-19	13-18	70	12	STORM SEW WM REQ 12	1.00	0.00
13S	13-20	13-17	141	24	STORM SEW CL A 2 24	0.50	0.00
13T	13-21	13-20	23	15	STORM SEW WM REQ 15	1.00	3.62
13U	13-22	13-21	59	12	STORM SEW WM REQ 12	0.51	10.27
13V	13-23	13-20	141	18	STORM SEW CL A 2 18	0.50	0.00
13W	13-24	13-23	22	12	STORM SEW WM REQ 12	1.00	2.32
13X	13-25	13-24	59	12	STORM SEW WM REQ 12	1.00	0.00
13Y	13-29	13-26	10	12	STORM SEW WM REQ 12	1.00	0.00
13Z	13-26	13-27	59	12	STORM SEW WM REQ 12	1.00	10.67
13AA	13-27	13-28	19	15	STORM SEW CL A 2 15	1.00	6.80
13BB	13-28	13-31	64	24	STORM SEW CL A 2 24	0.48	0.00
13CC	13-30	13-31	10	12	STORM SEW CL A 2 12	1.00	2.02
13DD	13-31	13-33	59	24	STORM SEW CL A 2 24	0.49	0.00
13EE	13-32	13-33	86	12	STORM SEW WM REQ 12	0.99	0.00
13FF	13-34	13-33	31	12	STORM SEW CL A 2 12	0.87	4.50
13GG	13-33	13-37	154	24	STORM SEW CL A 2 24	0.50	60.21
13HH	13-35	13-36	59	12	STORM SEW WM REQ 12	1.00	0.00
13II	13-36	13-37	28	12	STORM SEW CL A 2 12	1.00	5.78
13JJ	13-37	14-3	140	24	STORM SEW CL A 2 24	0.49	0.00
13KK	13-42	13-4	193	12	STORM SEW CL A 2 12	0.77	28.95
13LL	13-39	13-22	12	12	STORM SEW CL A 1 12	0.50	0.00
13MM	13-41	13-42	12	12	STORM SEW CL A 1 12	1.67	0.00
13NN	13-11	13-10	9	12	STORM SEW CL A 1 12	1.11	0.00
14A	14-1	14-2	69	12	STORM SEW CL A 1 12	1.00	0.00
14B	14-2	14-3	18	15	STORM SEW CL A 2 15	1.00	4.86
14C	14-3	14-6	140	24	STORM SEW CL A 2 24	0.50	0.00
14D	14-4	14-5	71	12	STORM SEW CL A 1 12	1.00	0.00
14E	14-5	14-6	16	15	STORM SEW CL A 2 15	1.00	5.00
14F	14-7	14-5	62	12	STORM SEW CL A 2 12	1.00	9.59
14G	14-6	14-9	110	24	STORM SEW CL A 2 24	0.50	36.75
14H	14-8	14-9	114	12	STORM SEW WM REQ 12	1.00	16.64
14I	14-10	14-9	15	15	STORM SEW CL A 2 15	1.00	11.94
14J	14-12	14-8	32	12	STORM SEW CL A 1 12	1.00	0.00
14K	14-9	14-15	171	30	STORM SEW WM REQ 30	0.49	79.79
14M	14-13	14-14	71	12	STORM SEW WM REQ 12	1.00	10.90
14N	14-14	14-15	14	12	STORM SEW CL A 2 12	1.00	1.39
14O	14-15	14-18	140	30	STORM SEW CL A 2 30	0.50	0.00
14P	14-16	14-17	69	12	STORM SEW WM REQ 12	1.00	10.00
14Q	14-17	14-18	14	12	STORM SEW CL A 2 12	1.00	1.28
14R	14-18	14-20	148	30	STORM SEW CL A 2 30	0.50	0.00
14S	EXIST	14-19	41	12	STORM SEW CL A 2 12	1.00	3.25
14T	14-19	14-20	87	15	STORM SEW WM REQ 15	1.00	17.28
14U	14-20	14-24	72	30	STORM SEW CL A 2 30	0.49	0.00
14V	14-22	14-23	59	12	STORM SEW WM REQ 12	1.00	0.00
14X	14-23	14-24	14	12	STORM SEW CL A 2 12	1.00	1.28
14Y	14-24	14-27	224	30	STORM SEW CL A 2 30	0.50	0.00
14Z	14-25	14-26	71	15	STORM SEW CL A 2 15	1.35	63.83
14AA	14-26	14-27	17	15	STORM SEW CL A 2 15	2.47	9.70
14BB	14-28	14-25	87	12	STORM SEW WM REQ 12	1.00	27.29
14CC	14-27	14-30	135	30	STORM SEW WM REQ 30	0.79	0.00
14DD	14-29	14-26	88	12	STORM SEW WM REQ 12	1.00	0.00
14EE	14-30	14-34	108	30	STORM SEW CL A 2 30	0.15	50.38
14FF	14-31	14-30	51	12	STORM SEW CL A 2 12	1.00	5.48
14GG	14-32	14-33	32	12	STORM SEW CL A 1 12	1.00	2.22
14HH	14-33	14-34	113	12	STORM SEW WM REQ 12	0.48	26.19
14II	14-35	14-34	19	12	STORM SEW CL A 1 12	1.05	0.00
14JJ	24-2	14-35	218	12	STORM SEW CL A 1 12	1.00	0.00
14KK	14-34	14-37	62	30	STORM SEW CL A 1 30	0.56	0.00
14LL	14-42	14-31	14	12	STORM SEW CL A 1 12	1.00	0.00
14MM	14-40	14-39	20	12	STORM SEW WM REQ 12	1.00	0.00
14NN	14-39	14-38	46	12	STORM SEW CL A 1 12	0.59	0.00

STORM SEWER SCHEDULE							
PIPE NO.	FROM	TO	LENGTH (FT)	DIA. (IN)	TYPE	SLOPE (%)	TRENCH BACKFILL (CU YD)
14PP	14-41	14-1	10	12	STORM SEW WM REQ 12	1.00	0.00
15J	EXIST	15-12	153	30	STORM SEW CL A 1 30	1.00	30.29
15K	15-13	15-15	154	12	STORM SEW CL A 2 12	1.33	35.86
15L	15-15	15-16	52	12	STORM SEW WM REQ 12	0.50	0.00
15M	15-16	15-17	123	15	STORM SEW CL A 1 15	0.72	0.00
15N	15-18	15-19	36	12	STORM SEW CL A 2 12	0.50	11.77
15O	15-19	15-20	99	12	STORM SEW WM REQ 12	0.51	0.00
15P	15-20	15-21	83	15	STORM SEW CL A 2 15	0.51	80.01
15Q	15-21	15-22	23	15	STORM SEW CL A 2 15	0.52	0.00
15R	15-24	EXIST	49	12	STORM SEW CL A 2 12	0.51	43.88
15S	EXIST	15-23	32	12	STORM SEW CL A 2 12	1.56	28.84
15T	EXIST	15-25	48	12	STORM SEW CL A 2 12	1.27	15.79
15U	15-26	15-27	12	30	STORM SEW CL A 1 30	0.17	0.00
15V	15-27	15-28	94	30	STORM SEW CL A 2 30	0.13	30.27
15W	15-28	15-29	13	30	STORM SEW CL A 2 30	0.15	0.00
15X	SCUPPER	15-30	10	12	STORM SEW CL A 1 12	1.00	0.00
15Y	SCUPPER	15-31	5	12	STORM SEW CL A 1 12	1.00	0.00
15Z	SCUPPER	15-32	10	12	STORM SEW CL A 1 12	1.00	0.00
15AA	SCUPPER	15-33	5	12	STORM SEW CL A 1 12	1.00	0.00
15BB	SCUPPER	15-34	10	12	STORM SEW CL A 1 12	1.00	0.00
15CC	SCUPPER	15-35	5	12	STORM SEW CL A 1 12	1.00	0.00
15DD	SCUPPER	15-36	10	12	STORM SEW CL A 1 12	1.00	0.00
15EE	SCUPPER	15-37	5	12	STORM SEW CL A 1 12	1.00	0.00
15FF	SCUPPER	15-38	10	12	STORM SEW CL A 1 12	1.00	0.00
15GG	SCUPPER	15-39	5	12	STORM SEW CL A 1 12	1.00	0.00
15HH	SCUPPER	15-40	10	12	STORM SEW CL A 1 12	1.00	0.00
15II	SCUPPER	15-41	5	12	STORM SEW CL A 1 12	1.00	0.00
15JJ	15-42	15-43	71	12	STORM SEW CL A 2 12	1.00	16.20
15KK	15-43	15-44	18	12	STORM SEW CL A 2 12	1.00	0.00
16A	16-1	16-7	40	12	STORM SEW CL A 2 12	1.02	6.88
16B	16-2	16-13	24	12	STORM SEW CL A 1 12	1.00	1.67
16C	16-3	16-4	51	12	STORM SEW CL A 2 12	1.00	8.56
16D	16-4	16-5	68	12	STORM SEW CL A 2 12	1.00	15.62
16E	16-5	16-6	7	15	STORM SEW CL A 2 15	1.00	1.47
16F	16-6	16-10	80	24	STORM SEW CL A 2 24	0.50	12.72
16G	16-7	16-8	51	12	STORM SEW CL A 2 12	1.00	12.01
16H	16-8	16-9	68	15	STORM SEW CL A 2 15	1.00	18.63
16I	16-9	16-10	7	15	STORM SEW CL A 2 15	1.00	1.96
16J	16-10	16-14	80	30	STORM SEW CL A 2 30	0.32	0.00
16K	16-34	16-11	28	12	STORM SEW CL A 1 12	1.04	0.00
16L	16-11	16-12	51	12	STORM SEW CL A 2 12	1.00	11.37
16M	16-12	16-13	68	15	STORM SEW CL A 2 15	1.00	21.80
16N	16-13	16-14	8	15	STORM SEW CL A 2 15	1.00	2.23
16O	16-17	16-18	69	12	STORM SEW WM REQ 12	0.49	11.57
16P	16-18	16-19	40	12	STORM SEW CL A 2 12	0.50	8.43
16S	16-19	16-23	144	15	STORM SEW CL A 2 15	0.90	31.33
16T	16-20	16-21	67	12	STORM SEW WM REQ 12	0.49	10.99
16U	16-21	16-22	40	12	STORM SEW CL A 2 12	0.50	8.12
16V	16-22	16-23	3	15	STORM SEW CL A 2 15	6.67	0.68
16W	16-23	16-26	144	15	STORM SEW CL A 2 15	0.75	0.00
16X	16-27	16-24	51	12			

STORM SEWER SCHEDULE							
PIPE NO.	FROM	TO	LENGTH (FT)	DIA. (IN)	TYPE	SLOPE (%)	TRENCH BACKFILL (CU YD)
20R	20-19	20-20	2	15	STORM SEW CL A 2 15	5.00	0.48
20S	20-21	20-1	90	12	STORM SEW CL A 2 12	1.00	11.22
20T	20-22	20-23	10	12	STORM SEW CL A 2 12	1.00	0.75
20U	20-23	20-2	133	24	STORM SEW CL A 2 24	0.25	62.10
20V	20-24	20-25	81	12	STORM SEW CL A 2 12	0.51	7.22
20W	20-25	20-11	68	12	STORM SEW CL A 2 12	0.50	7.70
20X	20-26	20-4	17	12	STORM SEW CL A 2 12	1.00	2.21
20Y	20-27	20-12	120	12	STORM SEW CL A 1 12	1.00	0.00
20Z	20-28	20-12	57	12	STORM SEW CL A 2 12	1.00	13.54
20AA	20-29	20-28	65	12	STORM SEW CL A 1 12	1.02	0.00
20BB	20-30	20-16	146	12	STORM SEW CL A 1 12	1.00	0.00
20CC	EXIST	20-29	4	12	STORM SEW CL A 1 12	5.00	0.00
20DD	20-20	21-11	53	18	STORM SEW CL A 2 18	0.72	34.12
21A	21-11	21-6	96	18	STORM SEW CL A 2 18	0.71	15.01
21B	21-1	21-2	51	12	STORM SEW WM REQ 12	1.00	8.34
21C	21-2	21-3	30	12	STORM SEW CL A 2 12	1.00	6.56
21D	21-3	21-4	8	15	STORM SEW CL A 2 15	1.13	1.83
21E	21-4	21-5	85	18	STORM SEW CL A 2 18	0.71	23.62
21F	21-6	21-4	89	18	STORM SEW CL A 2 18	0.78	20.89
21G	21-5	21-9	35	18	STORM SEW CL A 2 18	0.69	9.16
21H	21-7	21-8	32	12	STORM SEW CL A 1 12	1.06	0.00
21I	21-9	21-10	12	18	STORM SEW CL A 2 18	1.92	0.00
23A	23-1	23-2	64	12	STORM SEW WM REQ 12	0.50	9.70
23B	23-2	23-3	58	12	STORM SEW CL A 2 12	0.55	6.92
23C	23-3	14-10	62	15	STORM SEW CL A 2 15	0.50	11.98
24A	24-1	EXIST	8	12	STORM SEW CL A 2 12	6.50	0.00

NOTE: 1. CLASS A STORM SEWERS SHALL CONSIST OF THE FOLLOWING MATERIALS: REINFORCED CONCRETE CULVERT, STORM DRAIN, AND SEWER PIPE

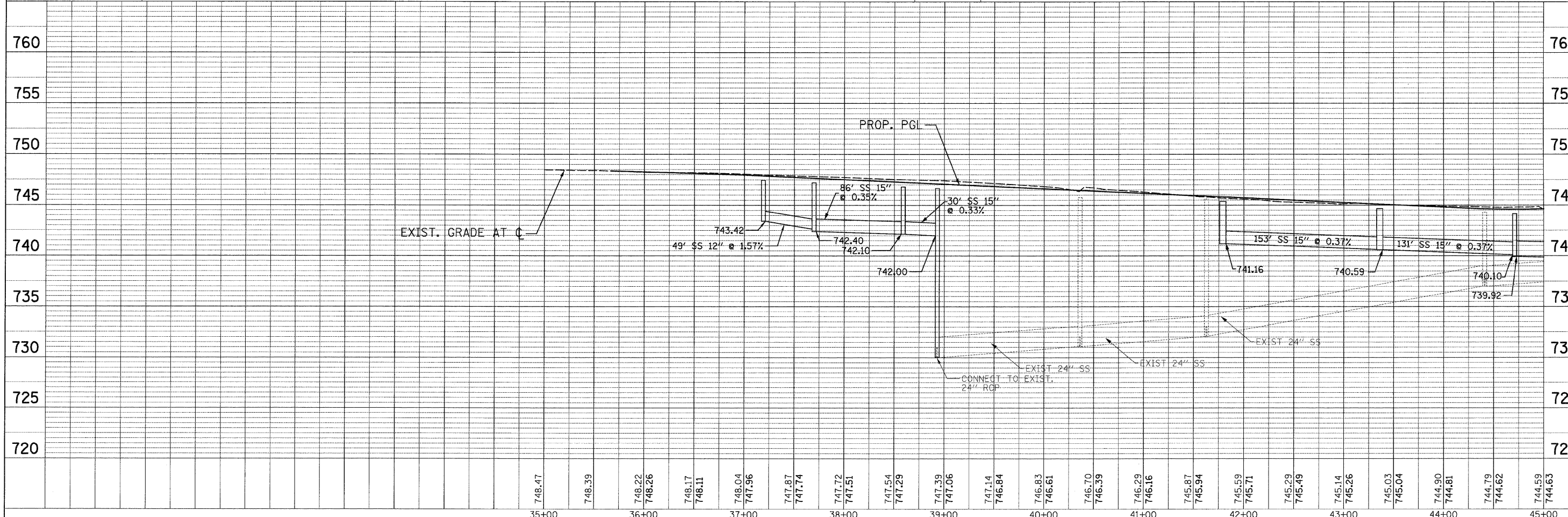
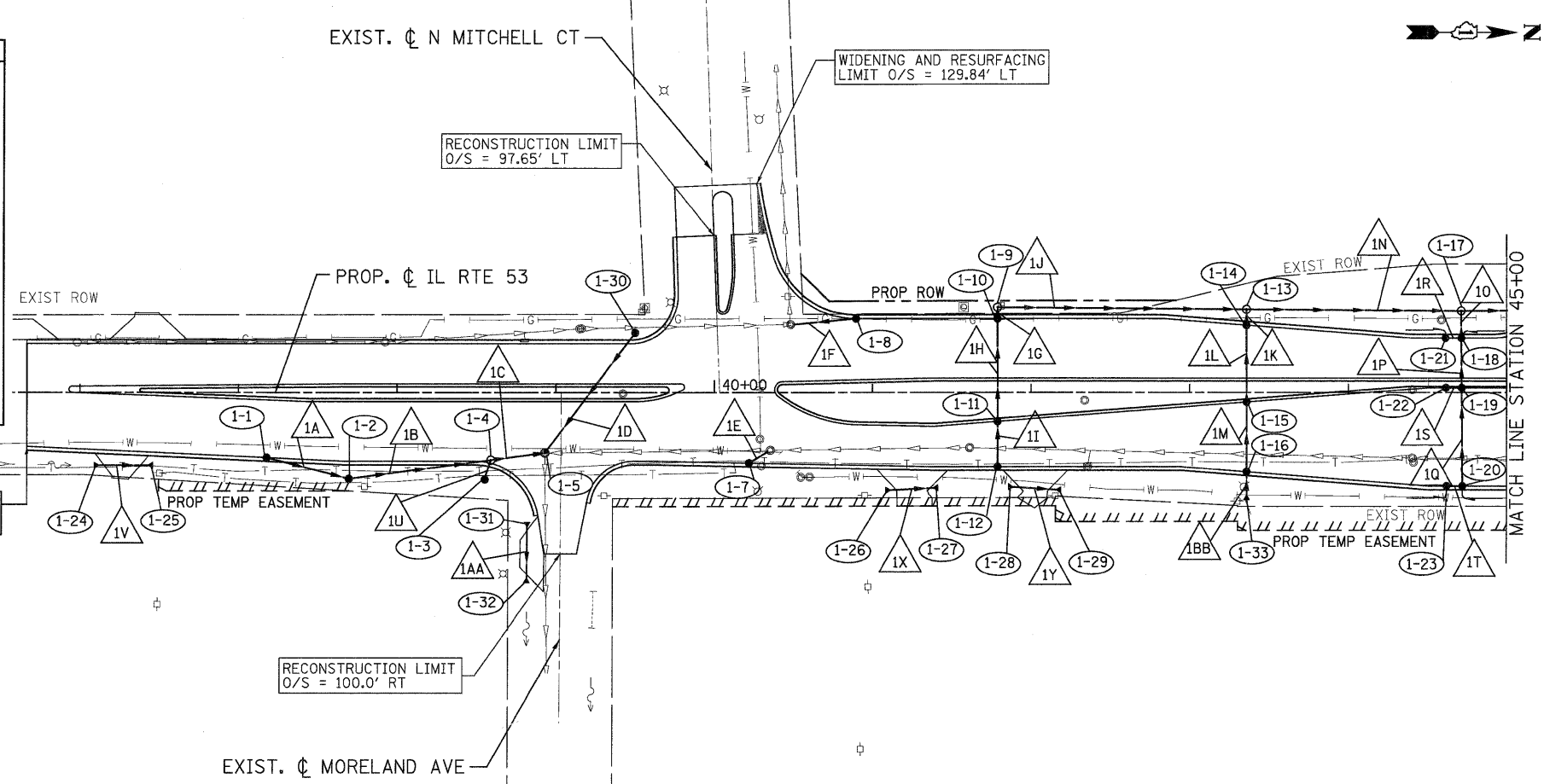
2. PIPES DESIGNATED "WM REQ" SHALL SATISFY WATERMAIN REQUIREMENTS (SEE SPECIAL PROVISIONS).

**LEGEND:**

BOUNDARY LINES/SYMBOLS	EXISTING	PROPOSED	BOUNDARY LINES/SYMBOLS	EXISTING	PROPOSED
REFERENCE LINE/CENTERLINE AND STATIONING	—+0+00	—+0+00	MANHOLE	○	⊙
STORM SEWER	—	—	FLARED END SECTION	△	▲
CATCH BASIN	○	●	RIGHT OF WAY LINE	—	—
HEADWALL/ENDWALL	⌋	⌋	TEMPORARY EASEMENT	///	///
OPEN LID MANHOLE/INLET	□	□	PERMANENT EASEMENT	////	////
SWALE	—	—	DITCH	—	—
DETENTION HIGH WATER LEVEL (HWL)	—	—	RIPRAP	■	■
STORM SEWER REMOVAL	—	—	DITCH CHECK	—	—
STRUCTURE REMOVAL	—	—	GAS LINE	—G—	—G—
STRUCTURE RECONSTRUCTION	—	—	TELEPHONE LINE	—T—	—T—
STRUCTURE ADJUSTMENT	—	—	AERIAL LINE	—A—	—A—
GUTTER OUTLET	—	—	SANITARY SEWER	—S—	—S—
WETLAND	—	—	CABLE TELEVISION	—CTV—	—CTV—
			WATER MAIN	—W—	—W—
			PIPE UNDERDRAIN	—	—

PLAN	DATE
BY	
REVIEWED	
PLOTTED	
ALIGNED	
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NO. _____	
NOTE BOOK	
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STRUCTURE	
NOTATIONS	
CHKD	

PROFILE	DATE
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NOTE BOOK	
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CHKD	



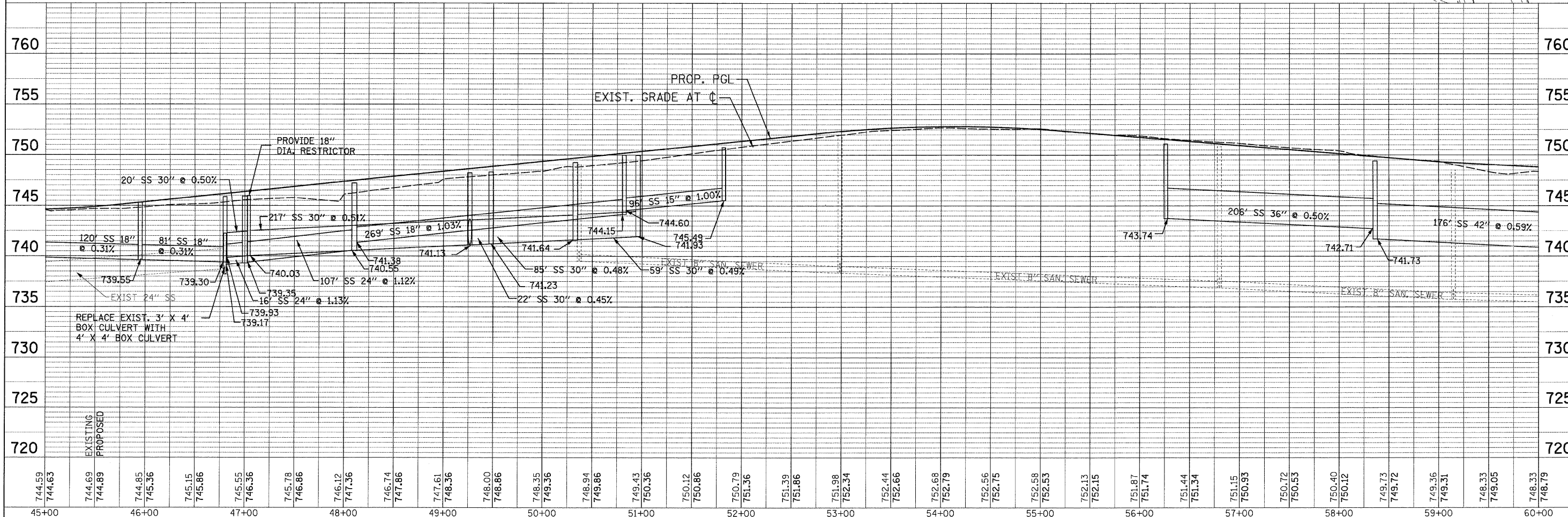
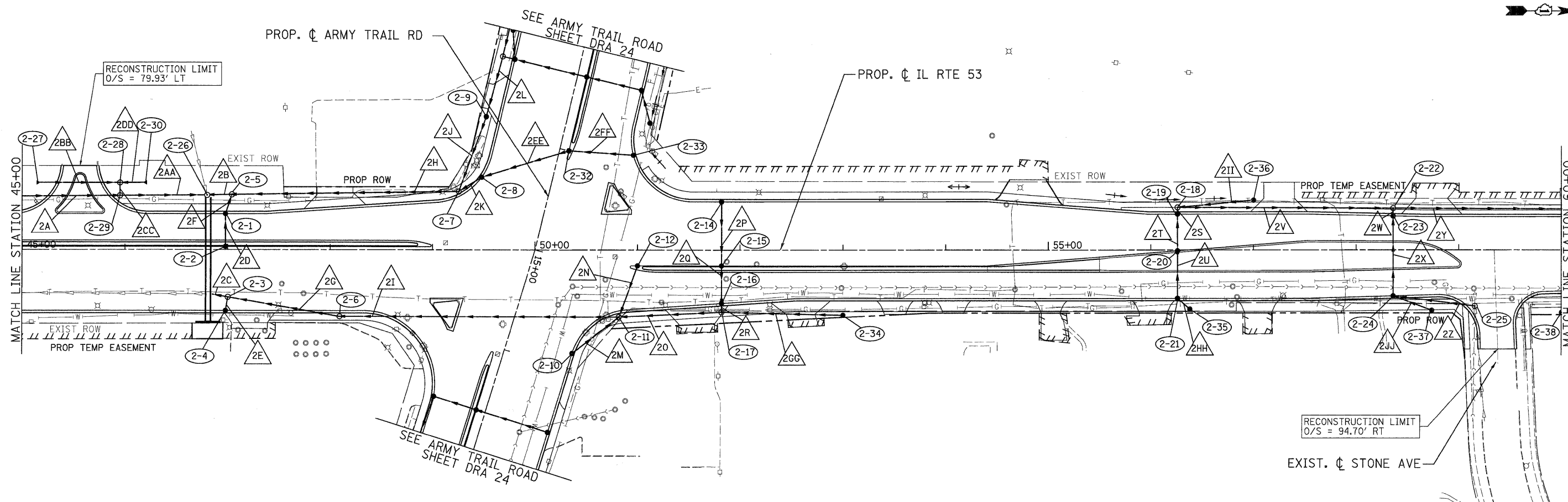
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	SCALE: 1"=50'    SHEET NO. DRA-09 OF 36    STA. 35+66.56 TO STA. 45+00				FED. ROAD DIST. NO.    ILLINOIS FED. AID PROJECT			

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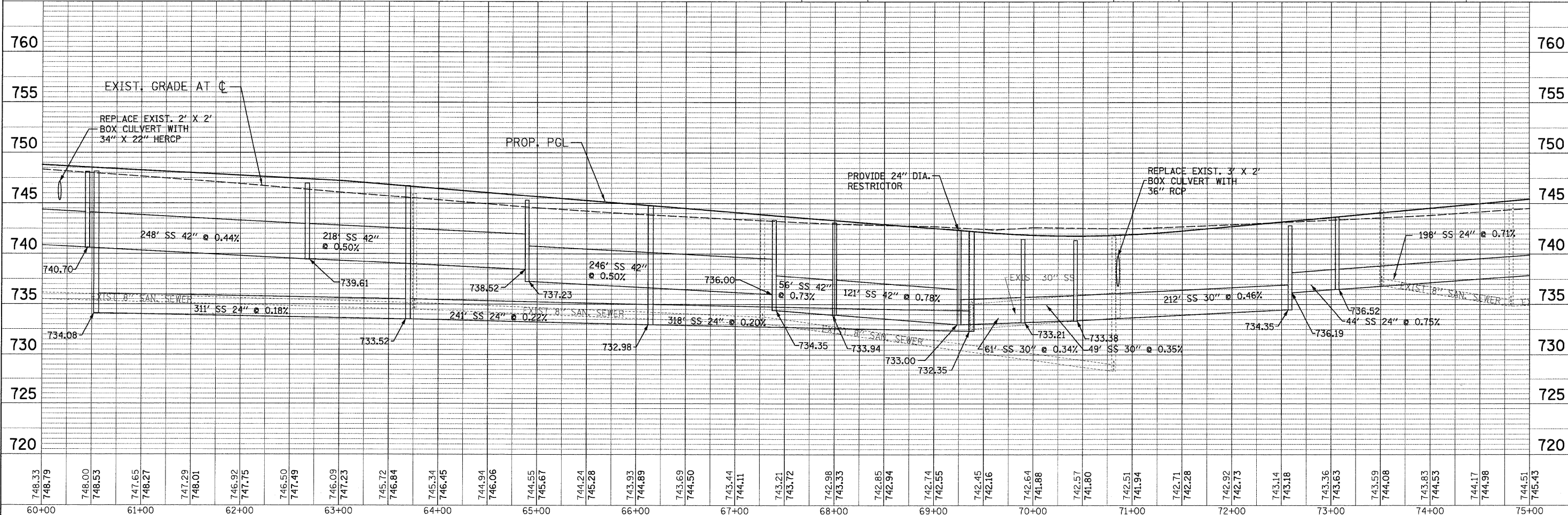
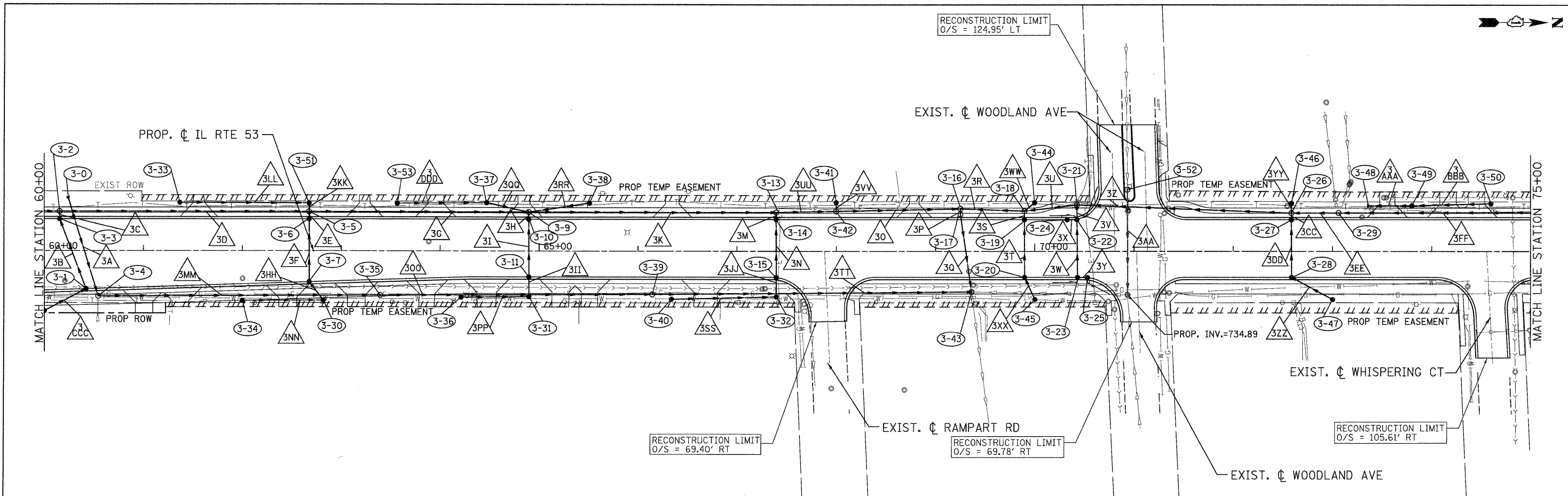
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	FILE NAME	



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	SCALE: 1"=50'    SHEET NO. DRA-10 OF 36    STA. 45+00 TO STA. 60+00				FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT			

PLAN	SURVEYED	DATE
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	STRUCTURE NOTATIONS	
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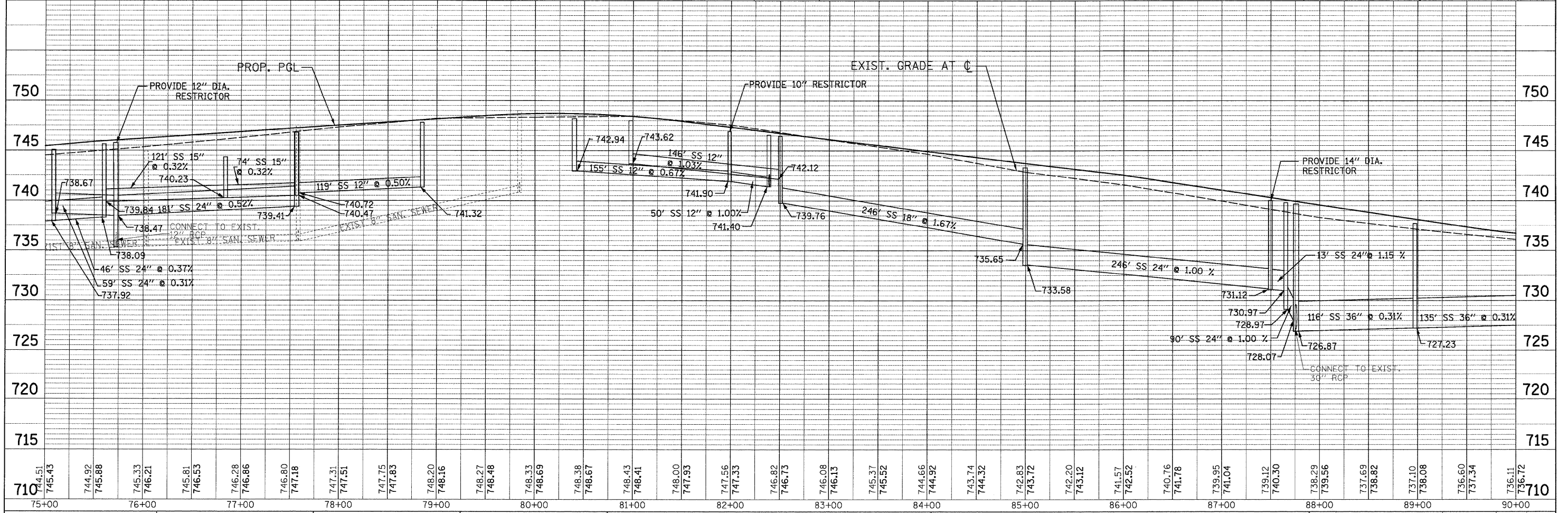
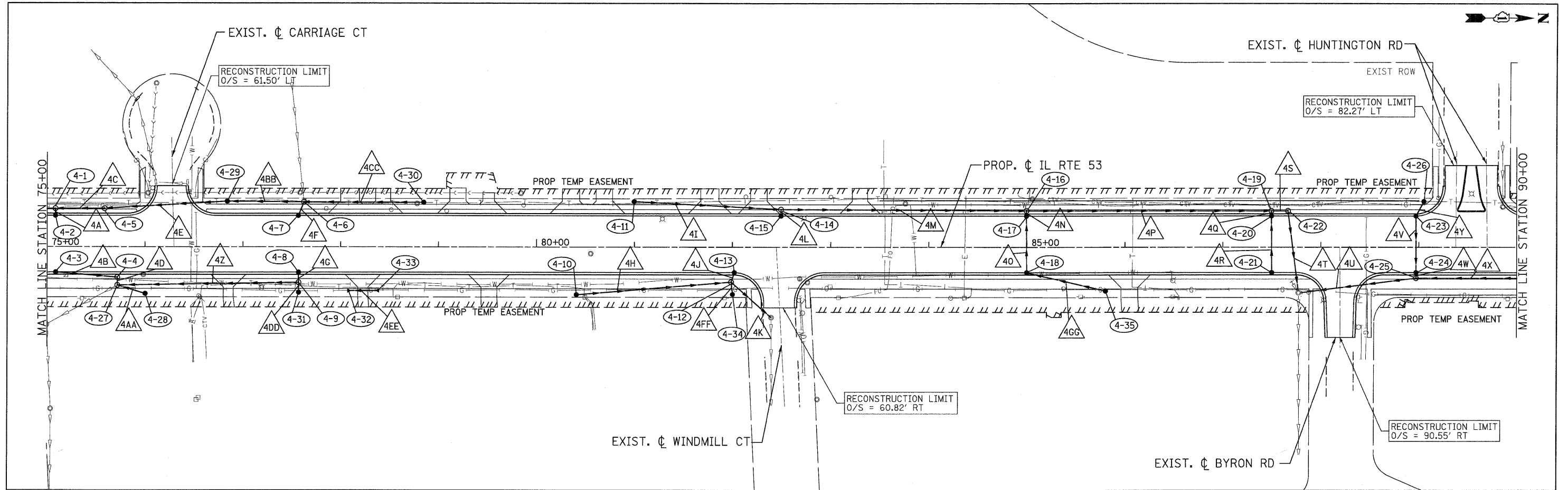


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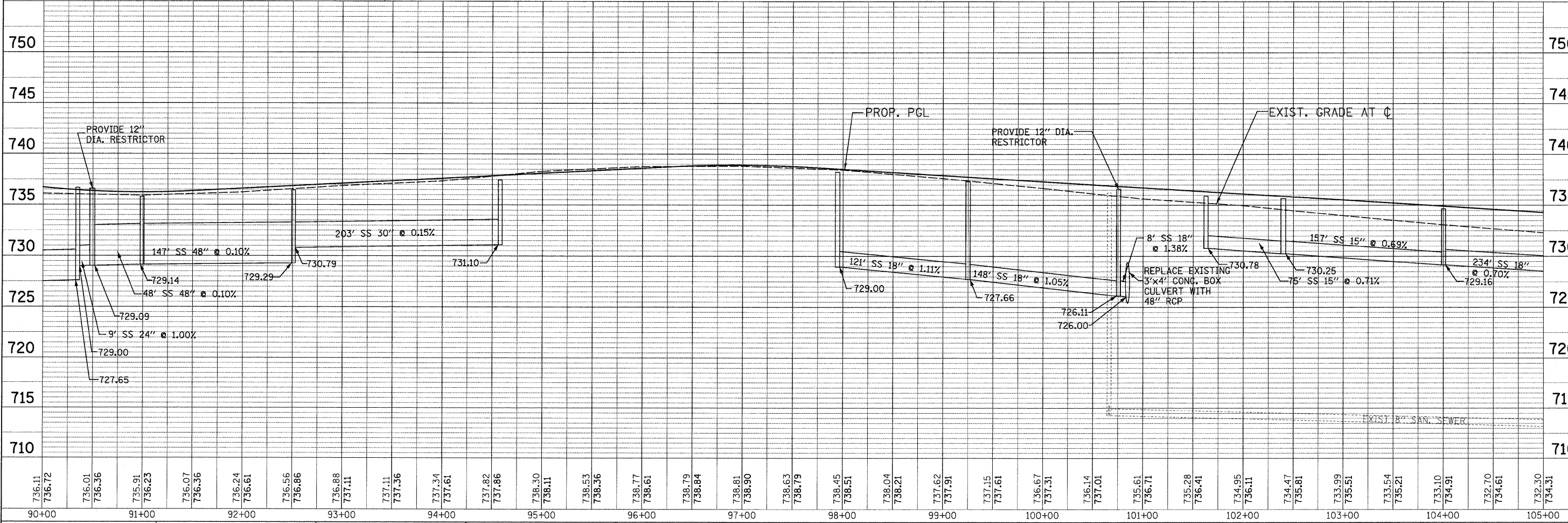
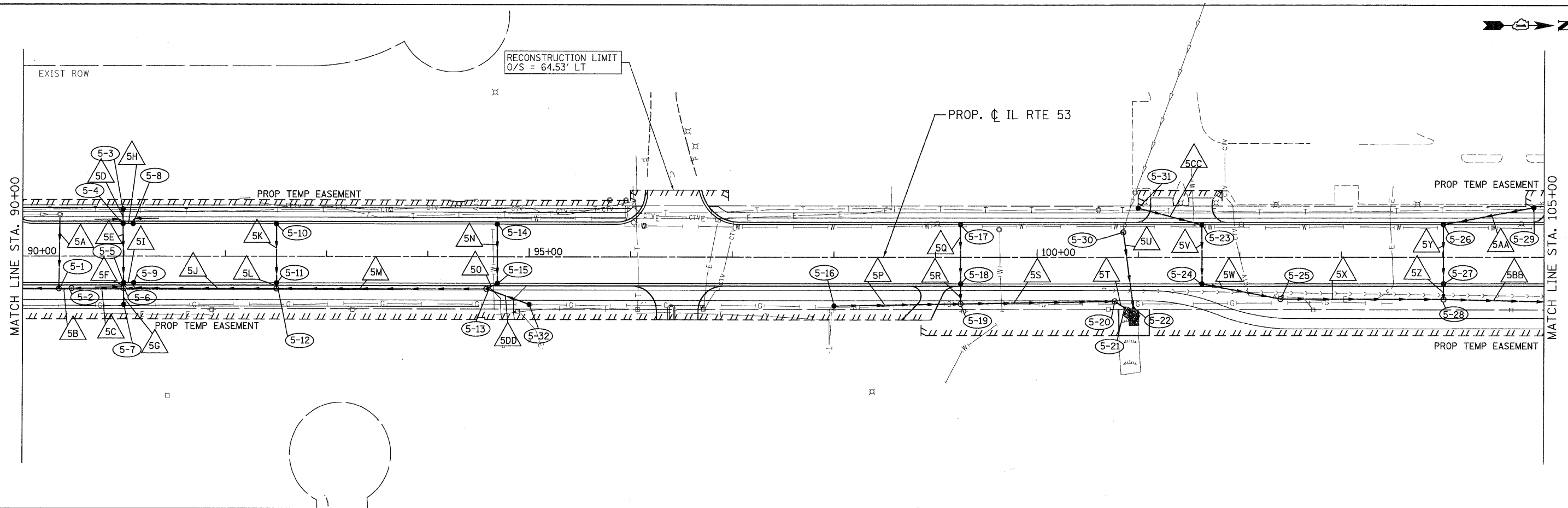


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	SCALE: 1"=50'    SHEET NO. DRA-12 OF 36    STA. 75+00 TO STA. 90+00				FED. ROAD DIST. NO.    ILLINOIS FED. AID PROJECT			

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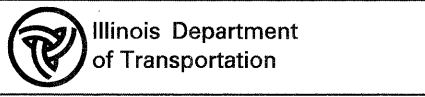
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90+00	91+00	92+00	93+00	94+00	95+00	96+00	97+00	98+00	99+00	100+00	101+00	102+00	103+00	104+00	105+00																																														

**PATRICK ENGINEERING INC.**  
 4670 VARSITY DRIVE  
 LISLE, IL 60532  
 patrickengineering.com

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 DRAWN - D.DOERFLER  
 CHECKED - A.JAMES  
 DATE - 12/3/2010

REVISED -  
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**ILLINOIS ROUTE 53  
 DRAINAGE AND UTILITIES PLAN AND PROFILE**  
 SCALE: 1"=50' SHEET NO. DRA-13 OF 36 STA. 90+00 TO STA. 105+00

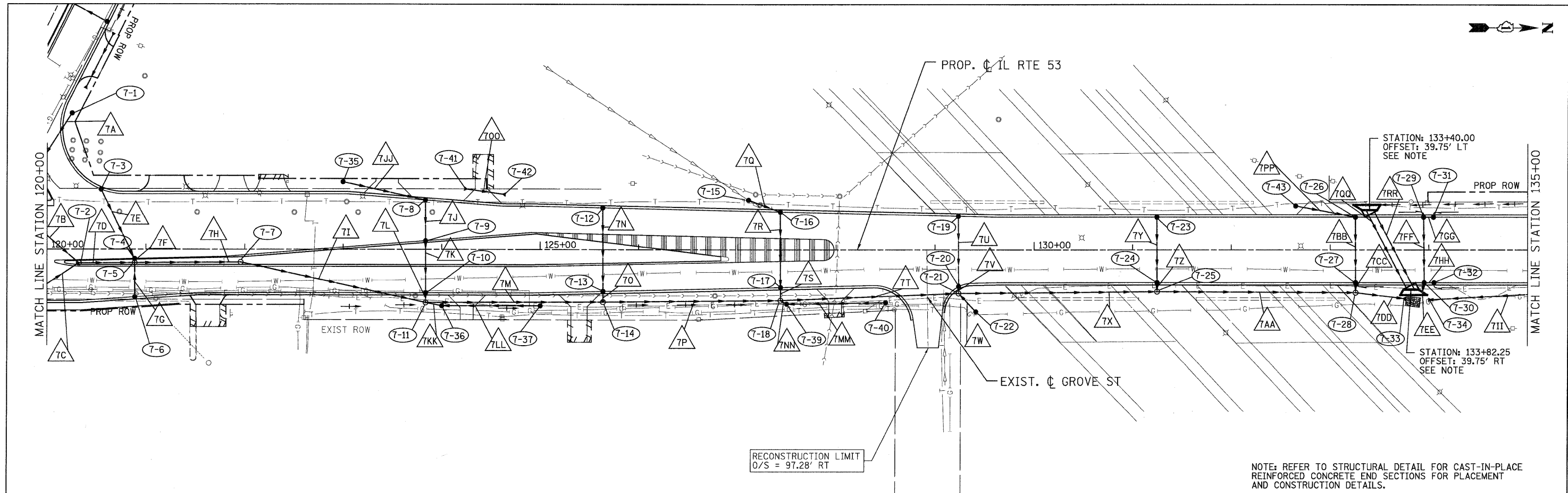
F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2578	532B	DUPAGE	781	268
FED. ROAD DIST. NO.			ILLINOIS FED. AID PROJECT	
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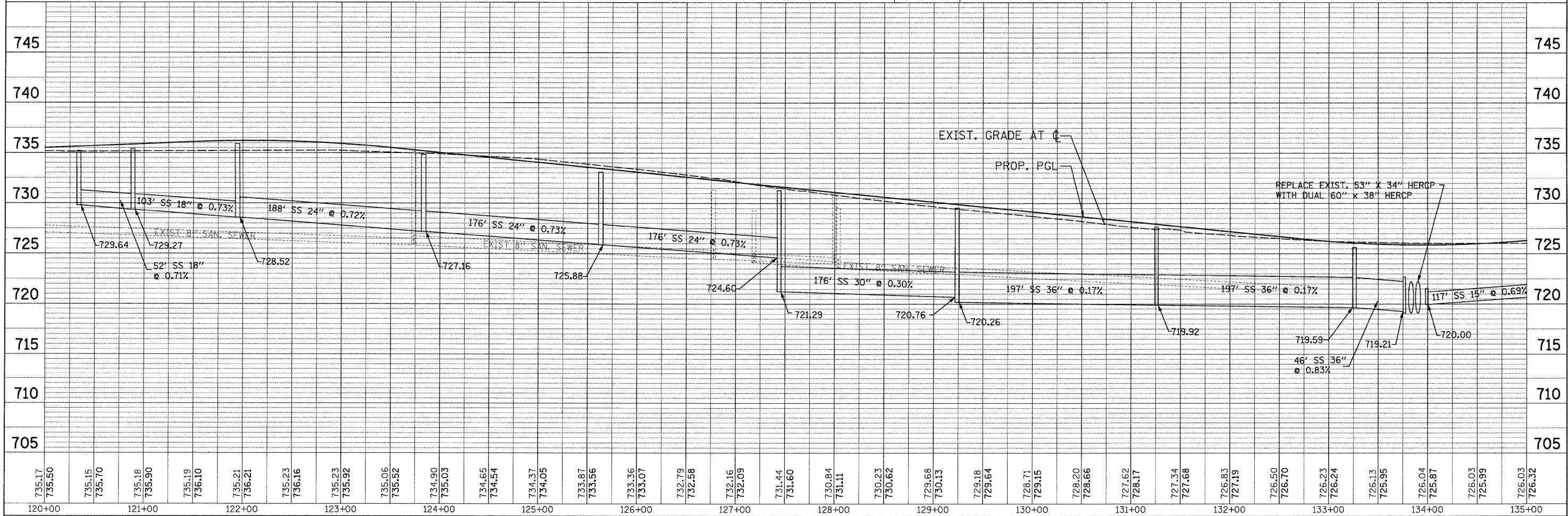


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PROFILE	SURVEYED	DATE
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	ALIGNED	CHECKED
	REVISION	NO.
	NOTE BOOK	NO.
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NOTE: REFER TO STRUCTURAL DETAIL FOR CAST-IN-PLACE REINFORCED CONCRETE END SECTIONS FOR PLACEMENT AND CONSTRUCTION DETAILS.



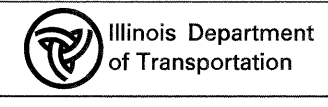
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120+00	121+00	122+00	123+00	124+00	125+00	126+00	127+00	128+00	129+00	130+00	131+00	132+00	133+00	134+00	135+00																

PATRICK ENGINEERING INC.  
4970 VARSITY DRIVE  
LISLE, IL 60532  
patrickengineering.com

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DESIGNED - D.DOERFLER  
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DATE - 12/3/2010

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REVISED -



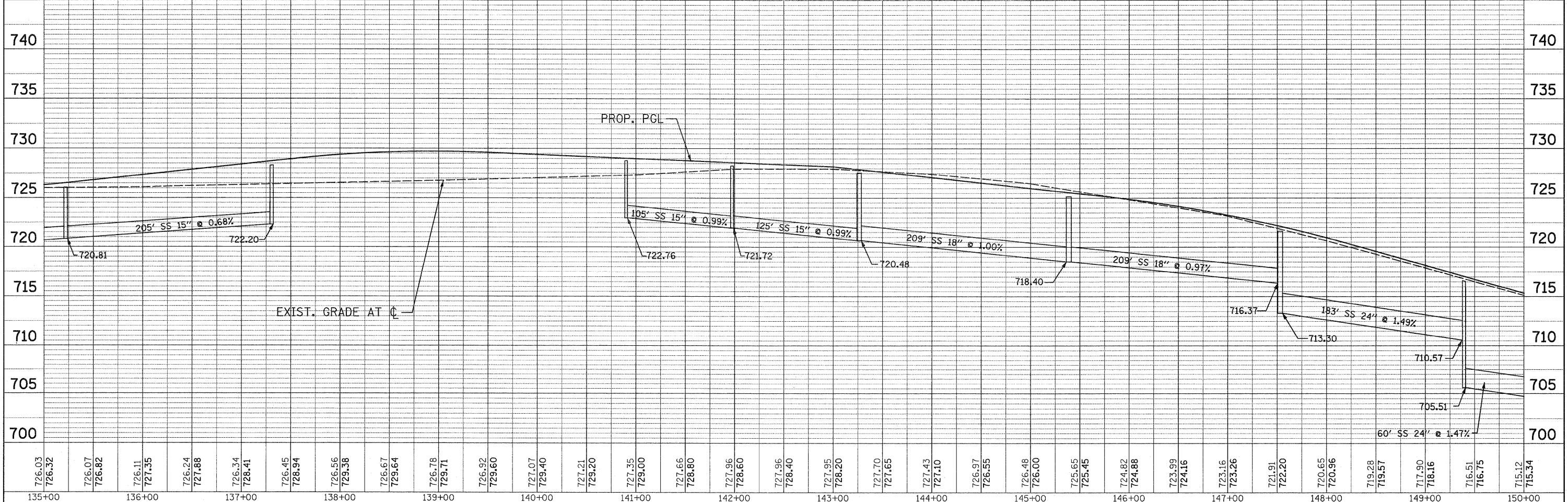
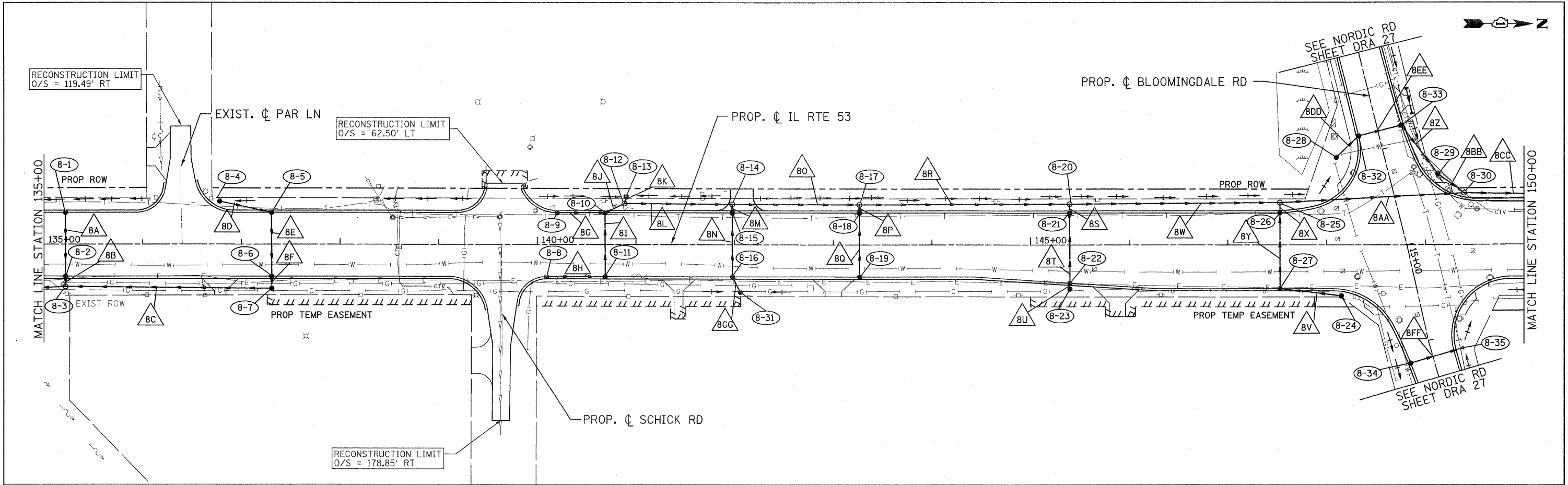
ILLINOIS ROUTE 53  
DRAINAGE AND UTILITIES PLAN AND PROFILE  
SCALE: 1"=50' SHEET NO. DRA-15 OF 36 STA. TO STA.

F.A.U. RTE. 2578	SECTION 532B	COUNTY	TOTAL SHEETS 781	SHEET NO. 270
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		CONTRACT NO. 60477

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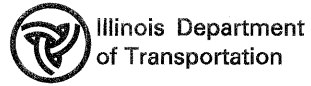
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PATRICK ENGINEERING INC.  
 4970 VARSITY DRIVE  
 LISLE, IL 60532  
 patrickengineering.com

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 CHECKED - A.JAMES  
 DATE - 01/31/2011

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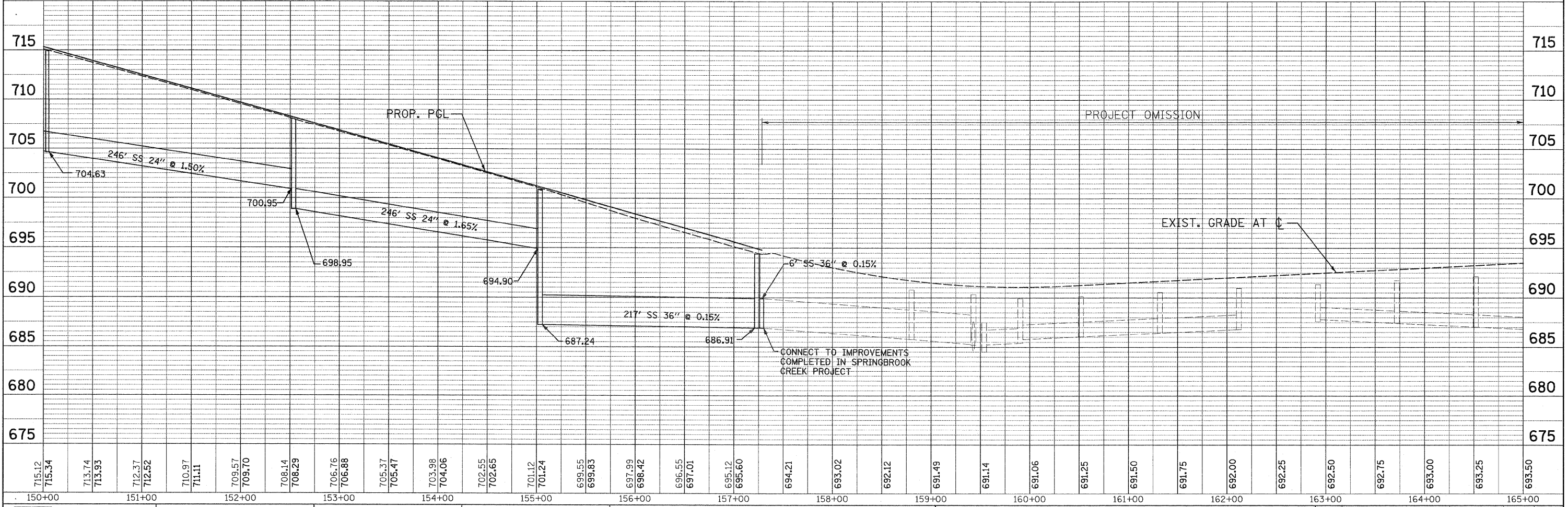
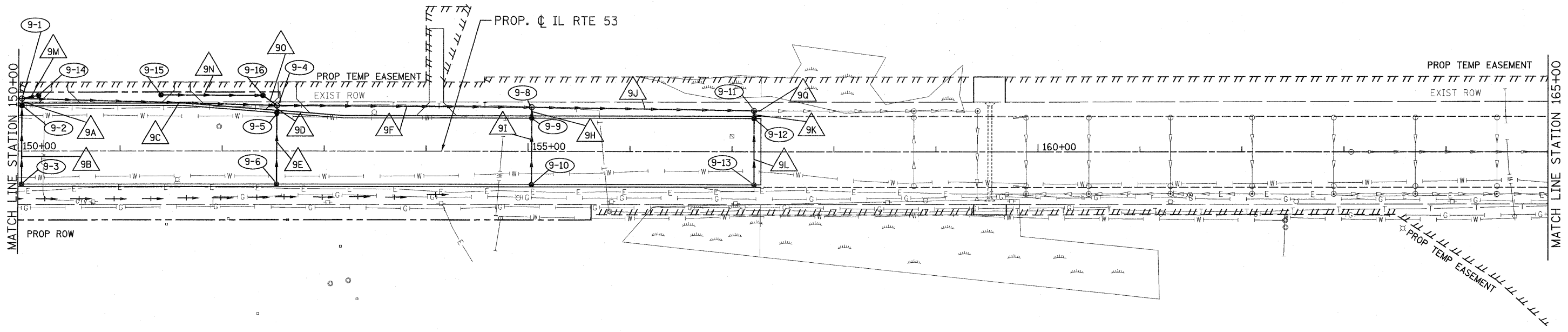
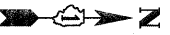


**ILLINOIS ROUTE 53  
 DRAINAGE AND UTILITIES PLAN AND PROFILE**

SCALE: 1"=50'  
 SHEET NO. DRA-16 OF 36  
 STA. 135+00 TO STA. 150+00

F.A.U. RTE. 2578	SECTION 532B	COUNTY DUPAGE	TOTAL SHEETS 781	SHEET NO. 271
CONTRACT NO. 60477			ILLINOIS FED. AID PROJECT	

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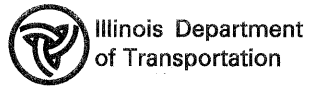
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150+00	151+00	152+00	153+00	154+00	155+00	156+00	157+00	158+00	159+00	160+00	161+00	162+00	163+00	164+00	165+00																														

**PATRICK ENGINEERING INC.**  
 4870 VARSITY DRIVE  
 LISLE, IL 60532  
 patrickengineering.com

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 DRAWN - D.DOERFLER  
 CHECKED - A.JAMES  
 DATE - 01/31/2011

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 REVISED -



**ILLINOIS ROUTE 53  
 DRAINAGE AND UTILITIES PLAN AND PROFILE**

SCALE: 1"=50'  
 SHEET NO. DRA-17 OF 36  
 STA. 150+00 TO STA. 165+00

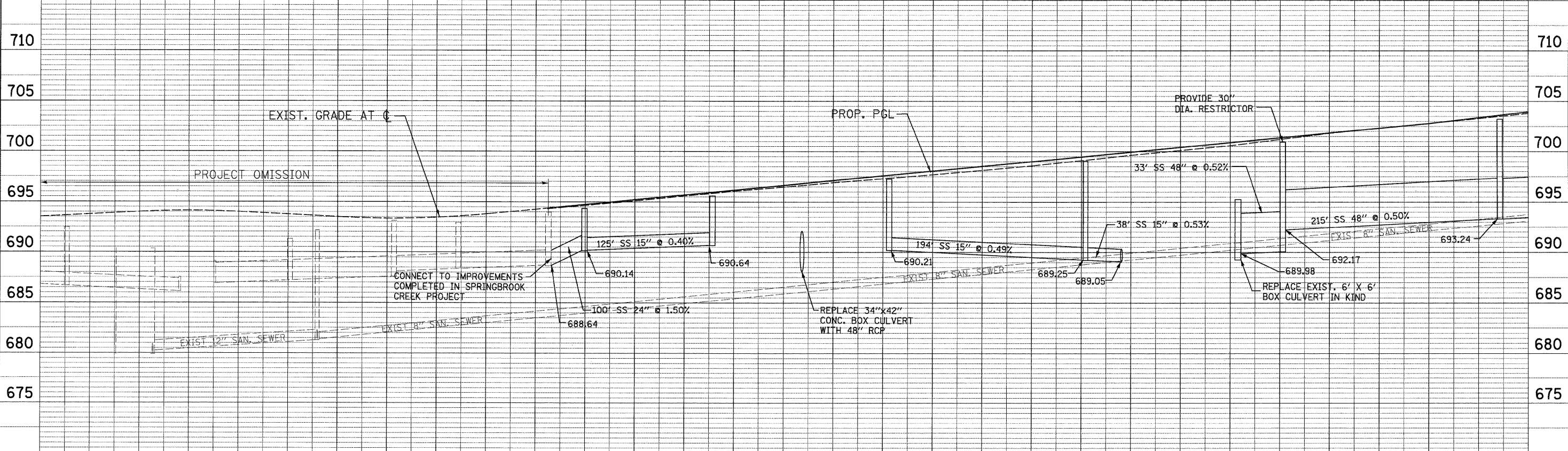
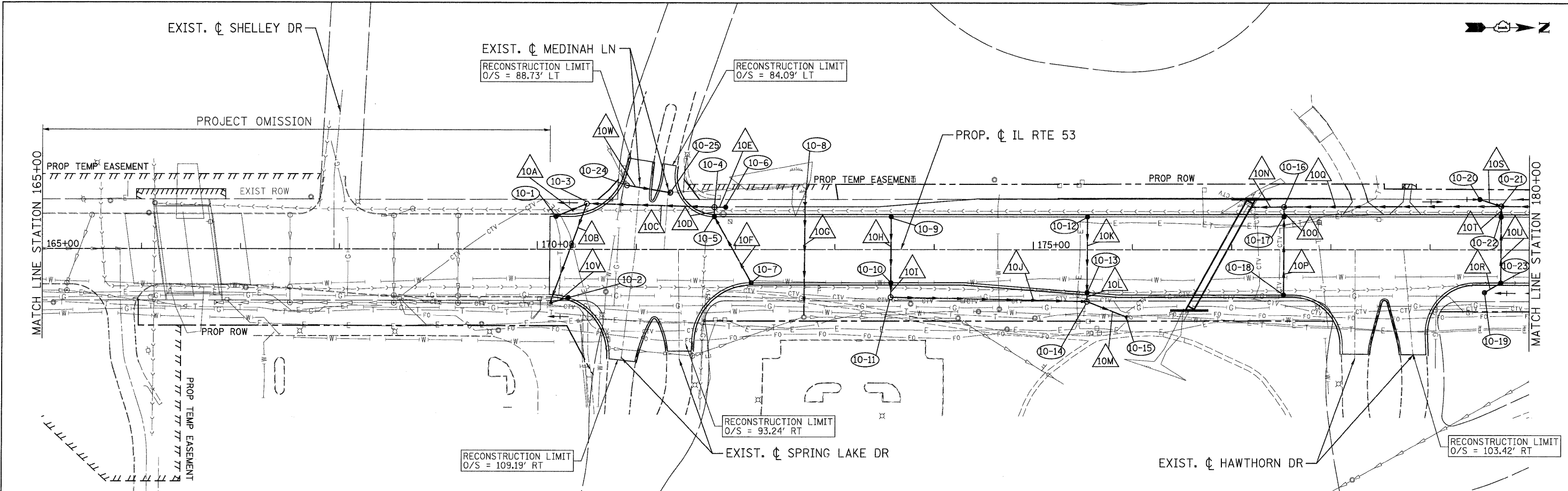
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FED. ROAD DIST. NO.			ILLINOIS FED. AID PROJECT	
			CONTRACT NO. 60477	

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NO.	NO.	
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NO.	NO.	

PROFILE	DATE
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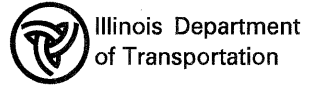
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165+00	166+00	167+00	168+00	169+00	170+00	171+00	172+00	173+00	174+00	175+00	176+00	177+00	178+00	179+00	180+00																																					

**PATRICK ENGINEERING INC.**  
4870 VARSITY DRIVE  
LISLE, IL 60532  
patrickengineering.com

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DESIGNED - D.DOERFLER  
DRAWN - D.DOERFLER  
CHECKED - A.JAMES  
DATE - 12/3/2010

REVISED -  
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REVISED -



**ILLINOIS ROUTE 53  
DRAINAGE AND UTILITIES PLAN AND PROFILE**

SCALE: 1"=50' SHEET NO. DRA-18 OF 36 STA. 165+00 TO STA. 180+00

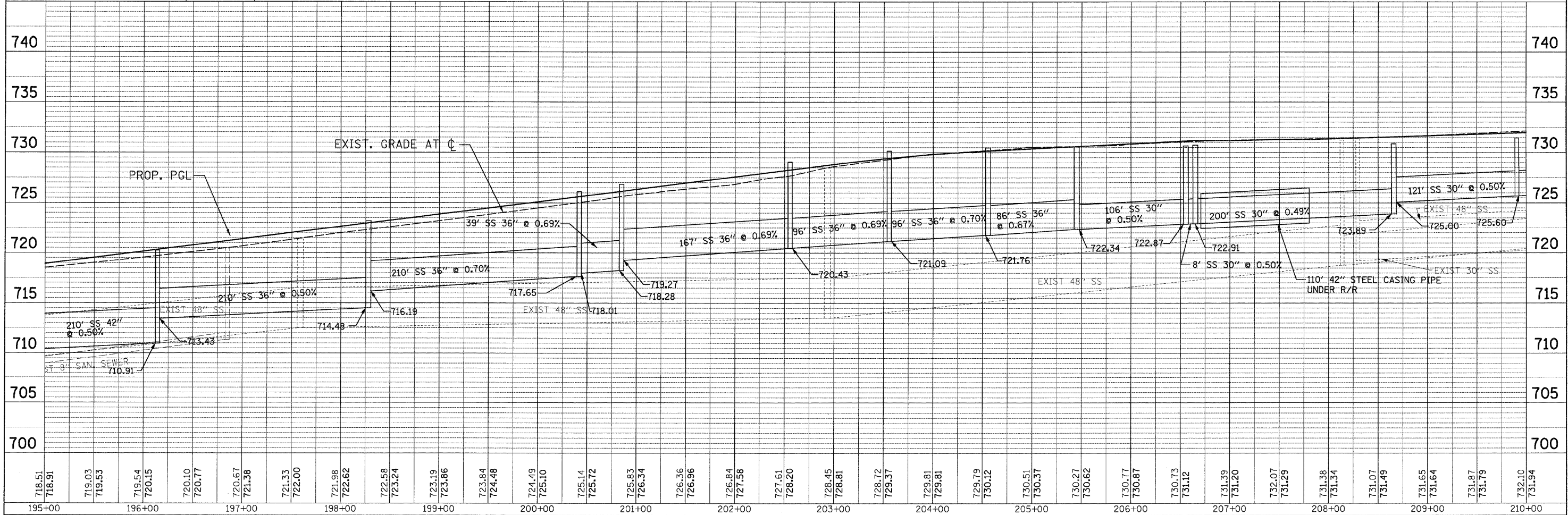
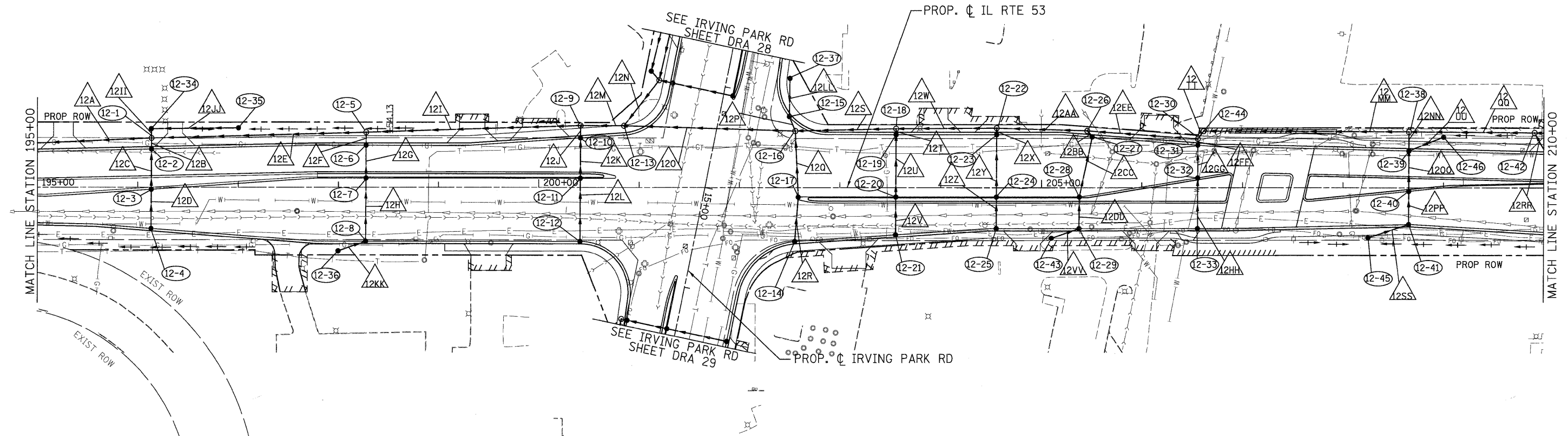
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CONTRACT NO. 60477				

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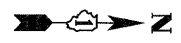
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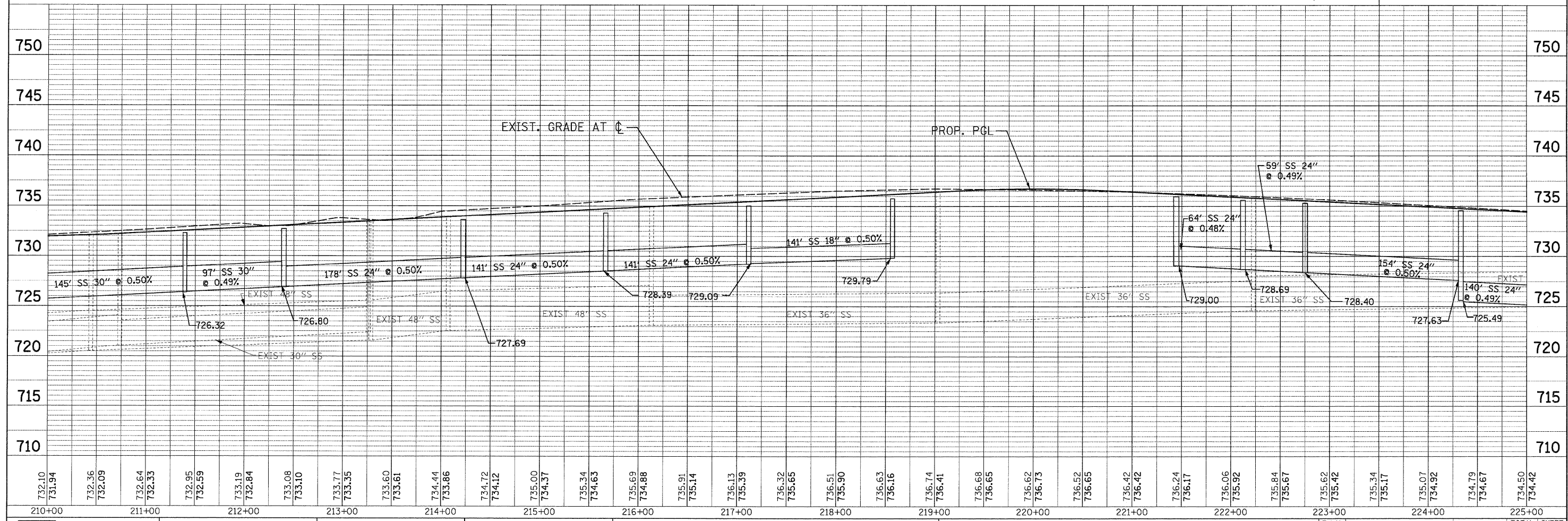
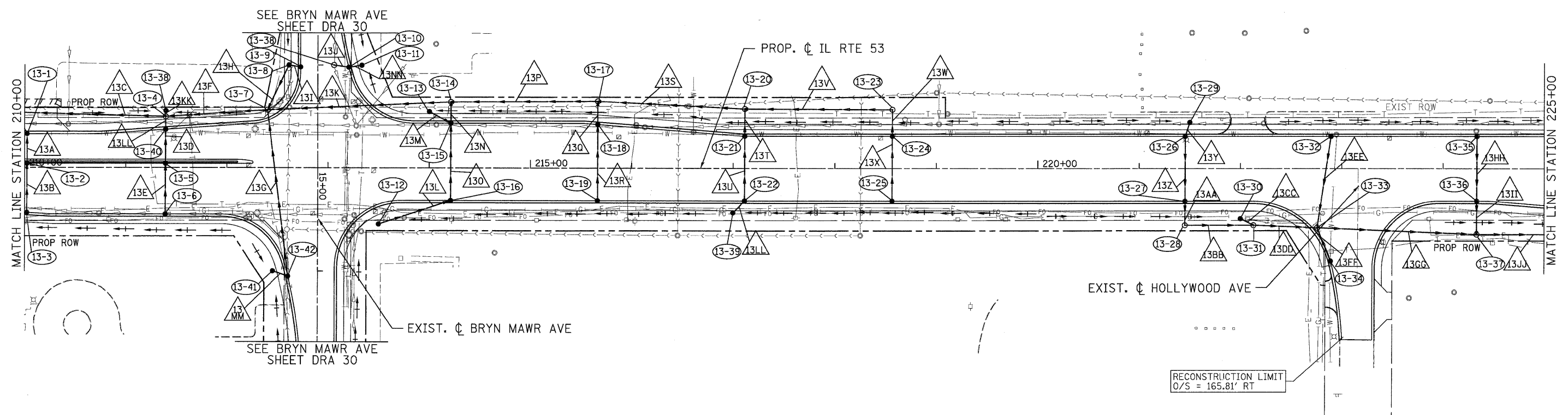
<b>PATRICK ENGINEERING INC.</b> 4970 VARSITY DRIVE LISLE, IL 60532 patrickengineering.com	USER NAME = ckersten(Lisle.R) PLOT CONFIG = PDF(Gray, Large).plt PLOT SCALE = 1:50 PLOT DATE = 12/3/2010 1:06:13 PM	DESIGNED - D.DOERFLER DRAWN - D.DOERFLER CHECKED - A.JAMES DATE - 12/3/2010	REVISED - REVISED - REVISED - REVISED -		<b>ILLINOIS ROUTE 53          DRAINAGE AND UTILITIES PLAN AND PROFILE</b> SCALE: 1"=50'    SHEET NO. DRA-20 OF 36    STA. TO STA.	F.A.U. RTE. 2578    SECTION 532B    COUNTY    TOTAL SHEETS 781    SHEET NO. 275 DUPAGE    CONTRACT NO. 60477 FED. ROAD DIST. NO.    ILLINOIS FED. AID PROJECT
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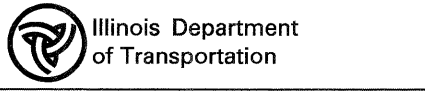


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210+00	211+00	212+00	213+00	214+00	215+00	216+00	217+00	218+00	219+00	220+00	221+00	222+00	223+00	224+00	225+00																																														

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 4970 VARSITY DRIVE  
 LISLE, IL 60532  
 patrickengineering.com

USER NAME = ckersten\lisle.r  
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DESIGNED - D.DOERFLER  
 DRAWN - D.DOERFLER  
 CHECKED - A.JAMES  
 DATE - 12/3/2010



**ILLINOIS ROUTE 53  
 DRAINAGE AND UTILITIES PLAN AND PROFILE**

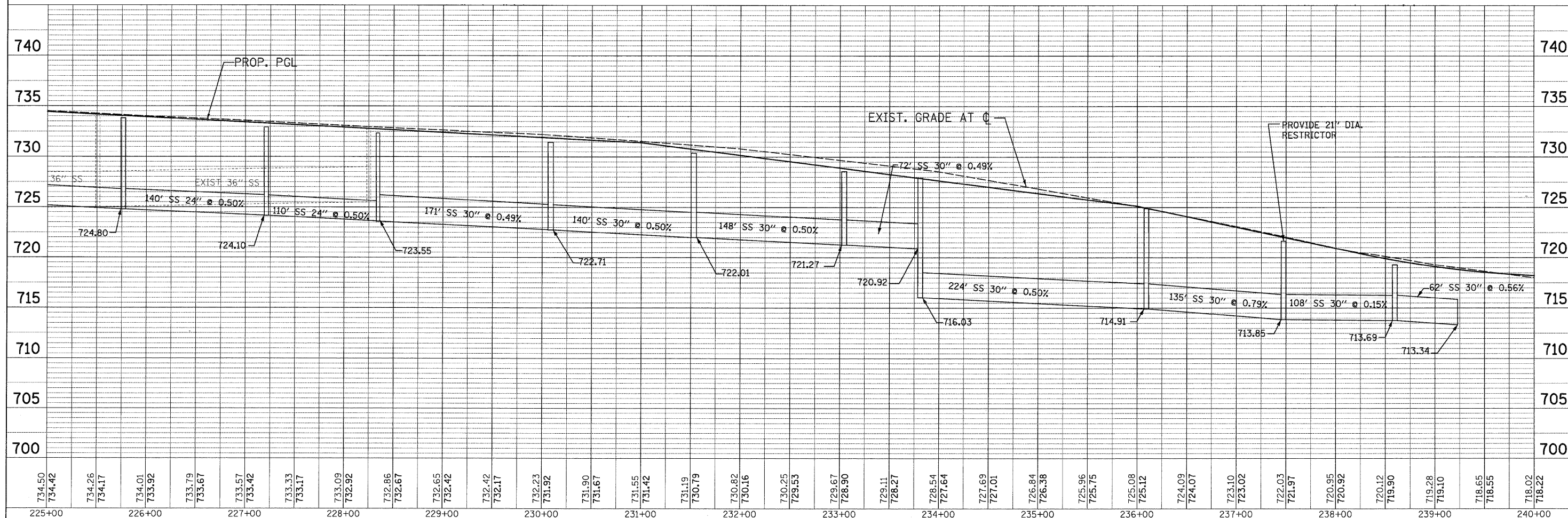
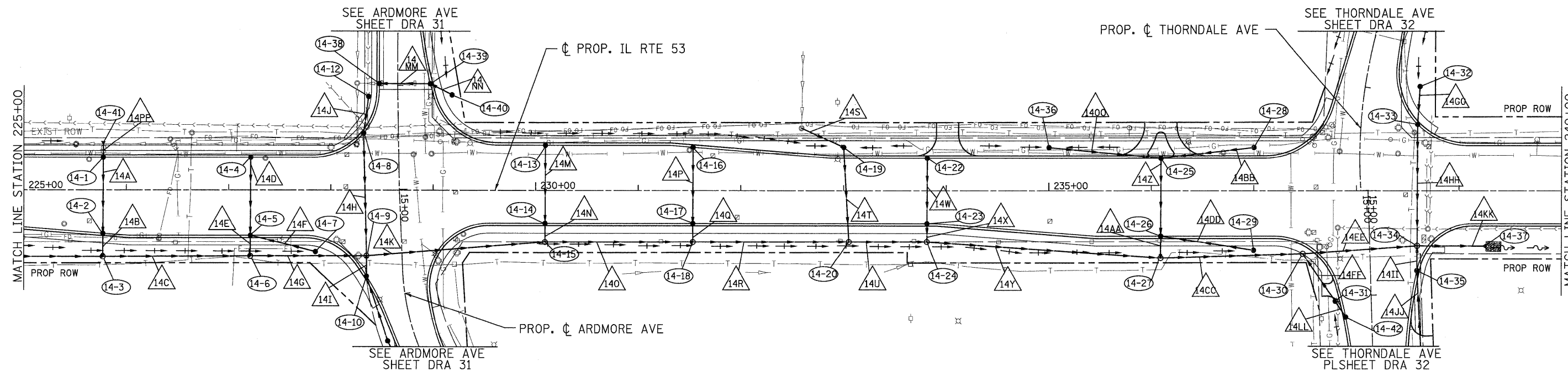
SCALE: 1"=50'    SHEET NO. DRA-21 OF 36    STA. 210+00 TO STA. 225+00

F.A.U. RTE. 2578	SECTION 532B	COUNTY DUPAGE	TOTAL SHEETS 781	SHEET NO. 276
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT				

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PROFILE	SURVEYED	DATE
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	STRUCTURE NOTATIONS	
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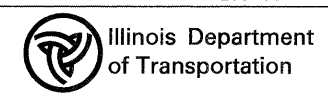
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225+00	226+00	227+00	228+00	229+00	230+00	231+00	232+00	233+00	234+00	235+00	236+00	237+00	238+00	239+00	240+00																

**PATRICK ENGINEERING INC.**  
4570 VARSITY DRIVE  
LISLE, IL 60532  
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USER NAME = ckerster@lisle.ri  
PLOT CONFIG = PDF@Grey-Large.plt  
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DESIGNED - D.DOERFLER  
DRAWN - D.DOERFLER  
CHECKED - A.JAMES  
DATE - 12/3/2010

REVISED -  
REVISED -  
REVISED -  
REVISED -



**ILLINOIS ROUTE 53  
DRAINAGE AND UTILITIES PLAN AND PROFILE**

SCALE: 1"=50' SHEET NO. DRA-22 OF 36 STA. 225+00 TO STA. 240+00

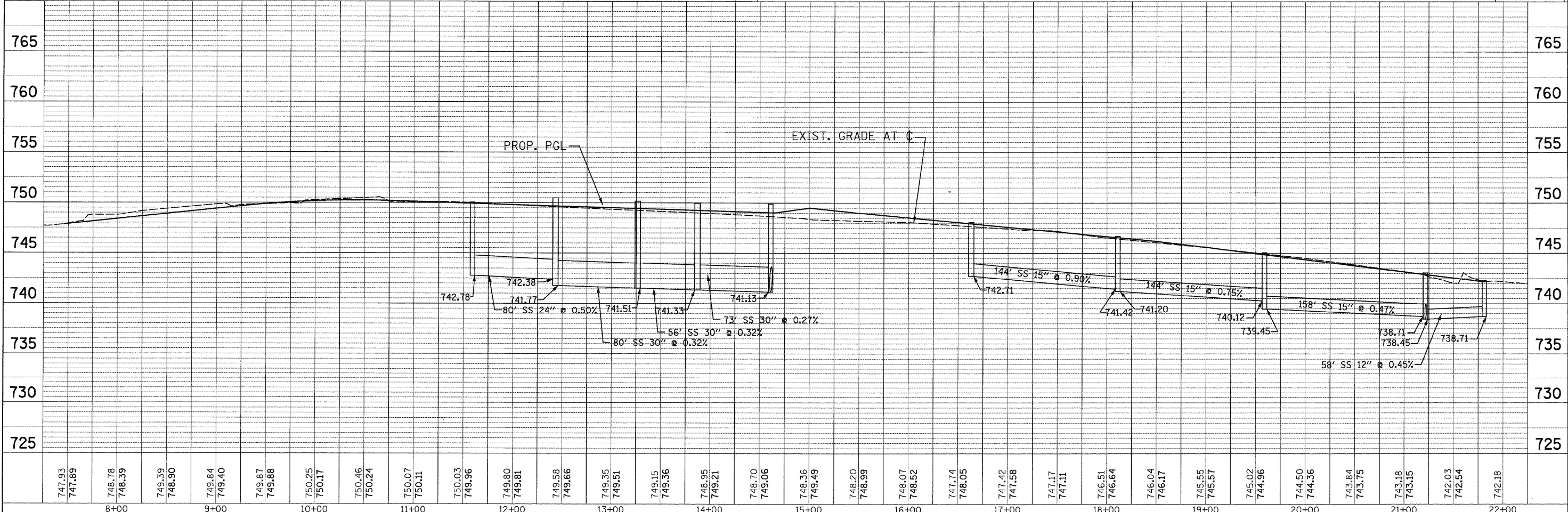
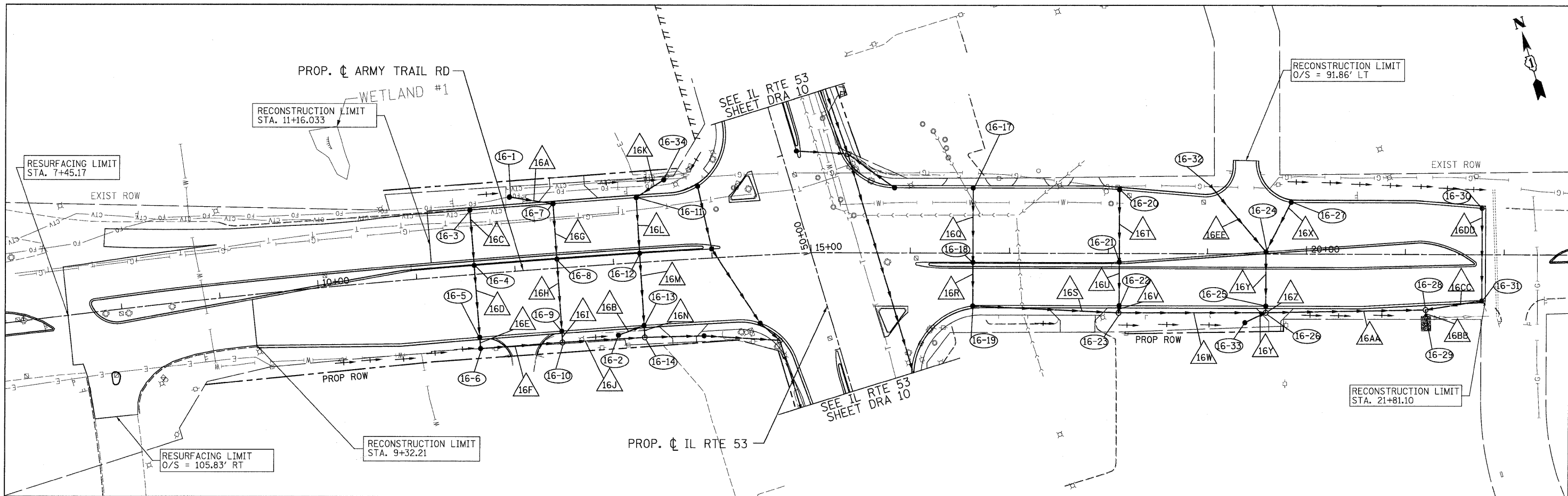
F.A.U. RTE. 2578	SECTION 532B	COUNTY	TOTAL SHEETS 781	SHEET NO. 277
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT		CONTRACT NO. 60477		

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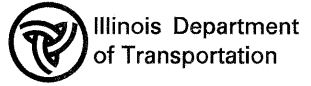
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PATRICK ENGINEERING INC.  
4670 VARSITY DRIVE  
LISLE, IL 60532  
patrickengineering.com

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PLOT CONFIG = PDF(Grey\_Large).plt  
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DESIGNED - D.DOERFLER  
DRAWN - D.DOERFLER  
CHECKED - A.JAMES  
DATE - 12/3/2010

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REVISED -



ARMY TRAIL ROAD  
DRAINAGE AND UTILITIES PLAN AND PROFILE  
SCALE: 1"=50'  
SHEET NO. DRA-24 OF 36  
STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2578	5328		781	279
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		
		CONTRACT NO. 60477		

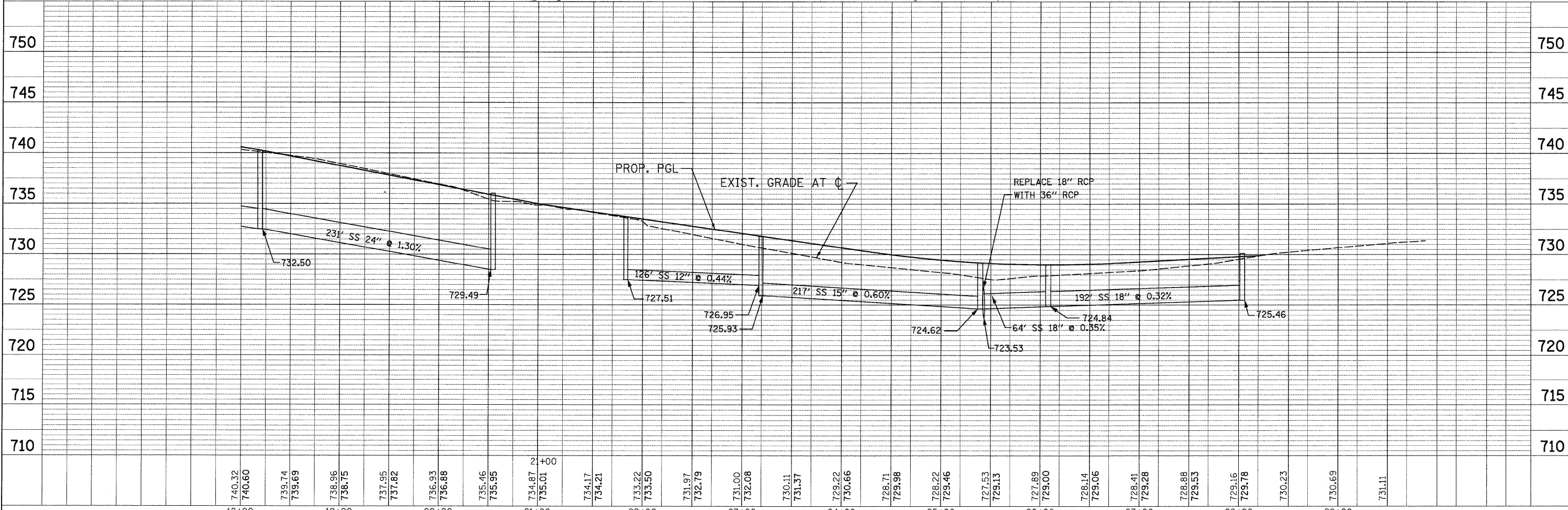
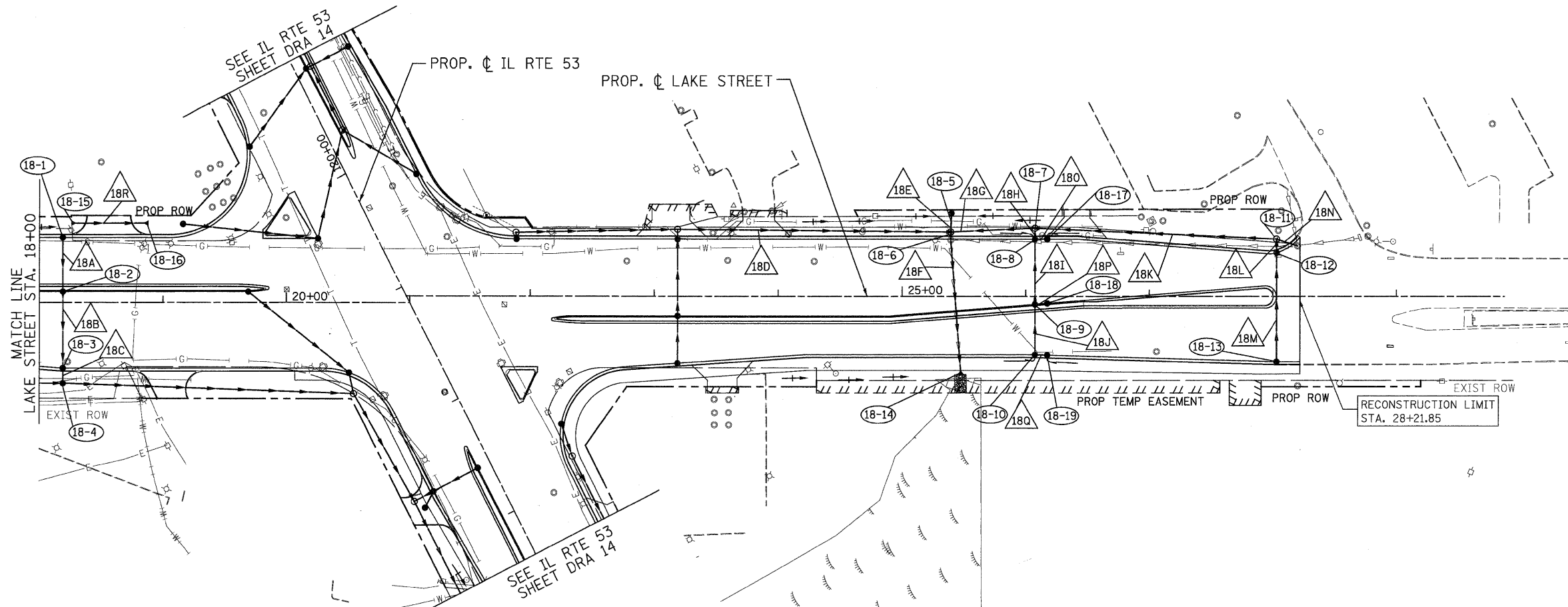
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PROFILE	SURVEYED	DATE
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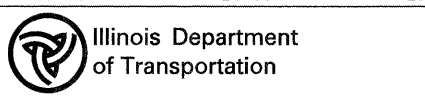
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**PATRICK ENGINEERING INC.**  
4970 VARSITY DRIVE  
LISLE, IL 60532  
patrickengineering.com

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DRAWN - D.DOERFLER  
CHECKED - A.JAMES  
DATE - 12/3/2010

REVISED -  
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**LAKE STREET DRAINAGE AND UTILITIES PLAN AND PROFILE**

SCALE: 1"=50' SHEET NO. DRA-26 OF 36 STA. 18+00 TO STA. 28+03

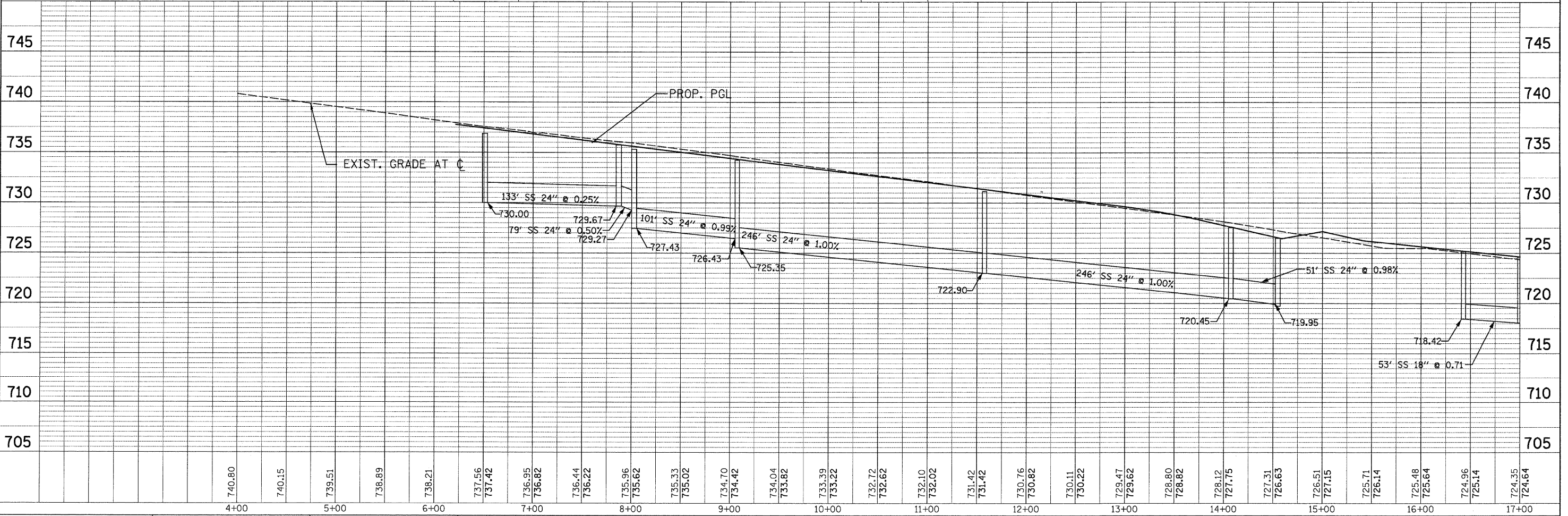
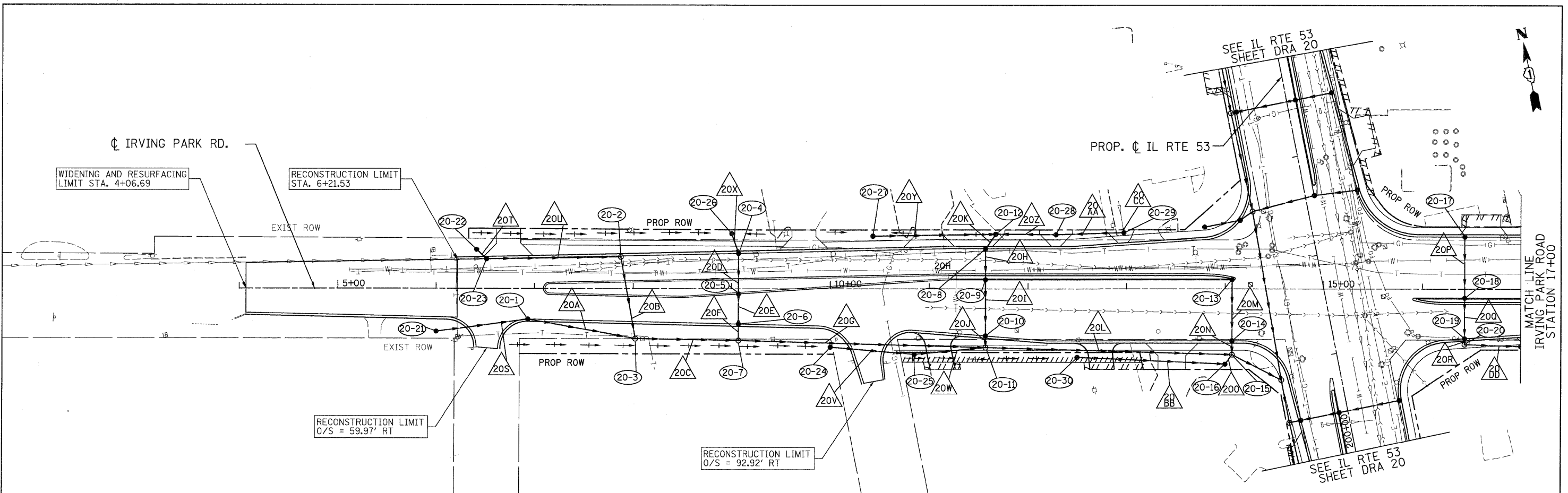
F.A.U. RTE. 2578	SECTION 532B	COUNTY	TOTAL SHEETS 781	SHEET NO. 281
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT		CONTRACT NO. 60477		

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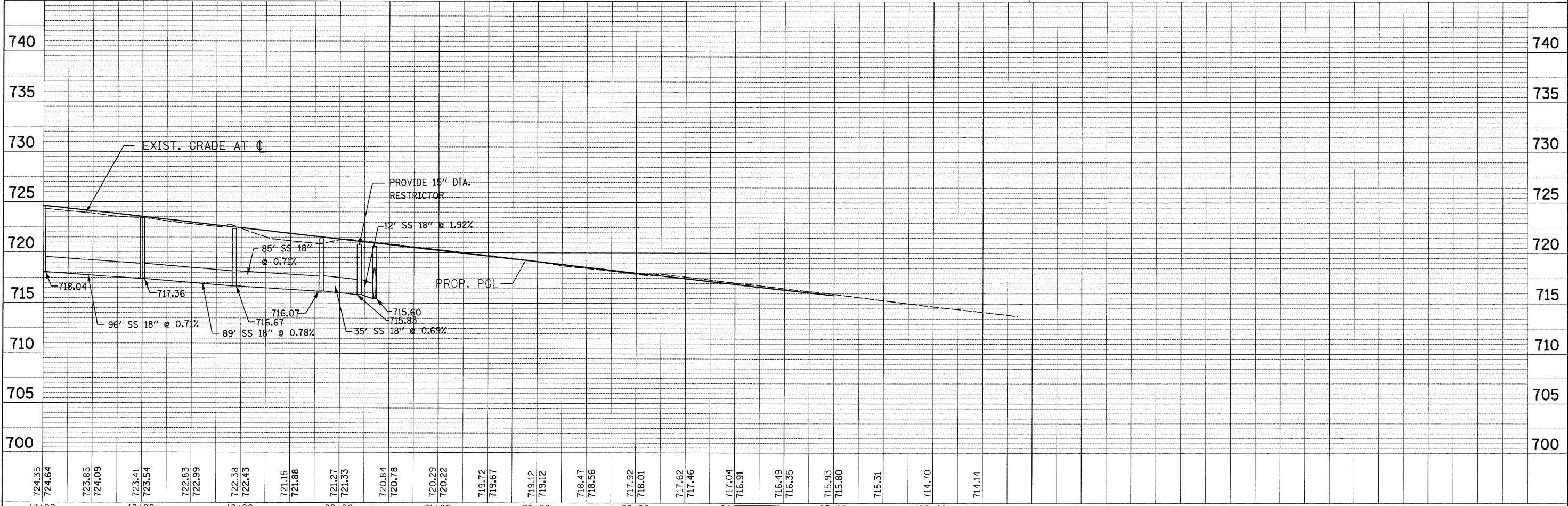
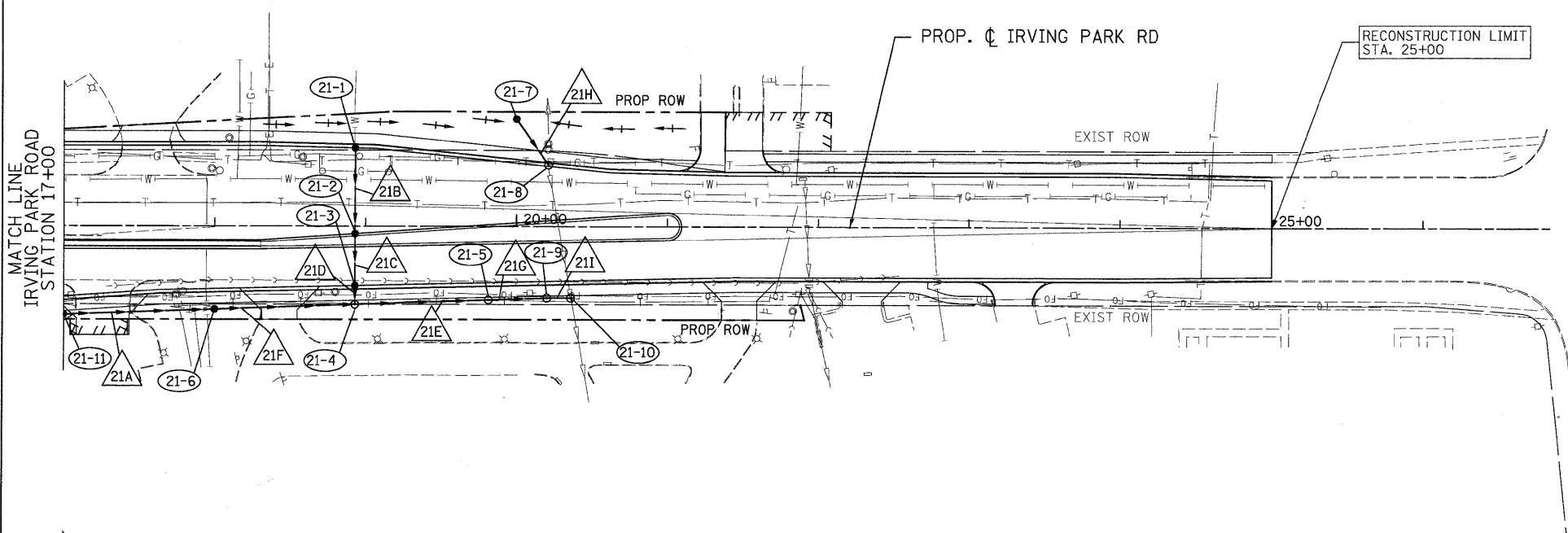
<b>PATRICK ENGINEERING INC.</b> 4970 VARSITY DRIVE LISLE, IL 60532 patrickengineering.com	USER NAME = okersten@lisle.ir PLOT CONFIG = PDF(Grey, Large).plt PLOT SCALE = 1:50 PLOT DATE = 12/3/2010 1:07:05 PM	DESIGNED - D.DOERFLER DRAWN - D.DOERFLER CHECKED - A.JAMES DATE - 12/3/2010	REVISED - REVISED - REVISED - REVISED -	<b>Illinois Department of Transportation</b>	<b>IRVING PARK ROAD</b> <b>DRAINAGE AND UTILITIES PLAN AND PROFILE</b>			F.A.U. RTE. 2578 SECTION 532B COUNTY DUPAGE TOTAL SHEETS 781 SHEET NO. 283	CONTRACT NO. 60477
	SCALE: 1"=50'    SHEET NO. DRA-28 OF 36    STA. 4+44.45 TO STA. 17+00				FED. ROAD DIST. NO.    ILLINOIS FED. AID PROJECT				

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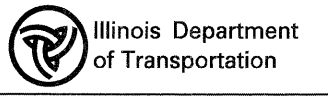
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17+00	18+00	19+00	20+00	21+00	22+00	23+00	24+00	25+00	26+00										

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4970 VARSITY DRIVE  
LISLE, IL 60532  
patrickengineering.com

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DESIGNED - D.DOERFLER  
DRAWN - D.DOERFLER  
CHECKED - A.JAMES  
DATE - 12/3/2010

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REVISED -  
REVISED -



**IRVING PARK ROAD  
DRAINAGE AND UTILITIES PLAN AND PROFILE**

SCALE: 1"=50' SHEET NO. DRA-29 OF 36 STA. 17+00 TO STA. 24+45

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2578	532B	DUPAGE	781	284
CONTRACT NO. 60477				
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT				

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SEE IL RTE 53 SHEET DRA 21

PROP. CL IL ROUTE 53

END RECONSTRUCTION STA. 17+04

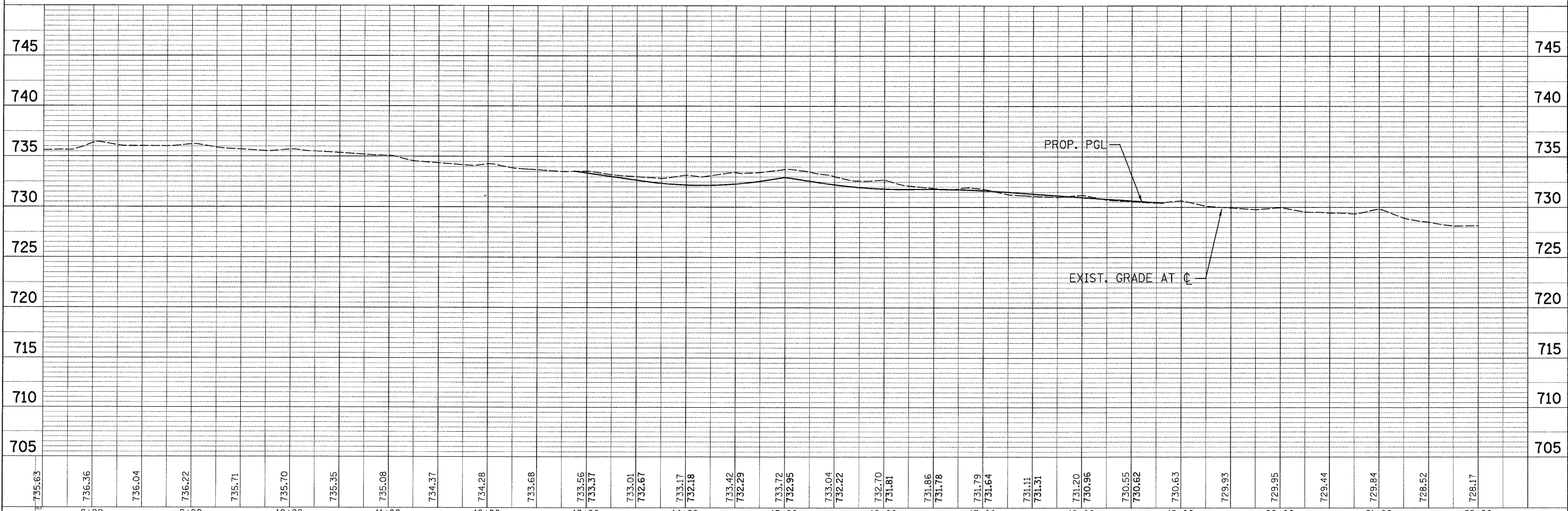
WIDENING AND RESURFACING LIMIT STA. 18+81.57

PROP. CL BRYN MAWR AVENUE

SEE IL RTE 53 SHEET DRA 21

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AS BUILT CHECKED		
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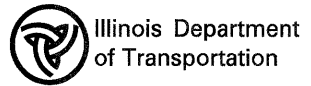


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8+00	9+00	10+00	11+00	12+00	13+00	14+00	15+00	16+00	17+00	18+00	19+00	20+00	21+00	22+00																													

PATRICK ENGINEERING INC.  
4970 VARSITY DRIVE  
LISLE, IL 60532  
patrickengineering.com

USER NAME = okersten(Lisle\_R)  
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DESIGNED - D.DOERFLER  
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CHECKED - A.JAMES  
DATE - 12/3/2010



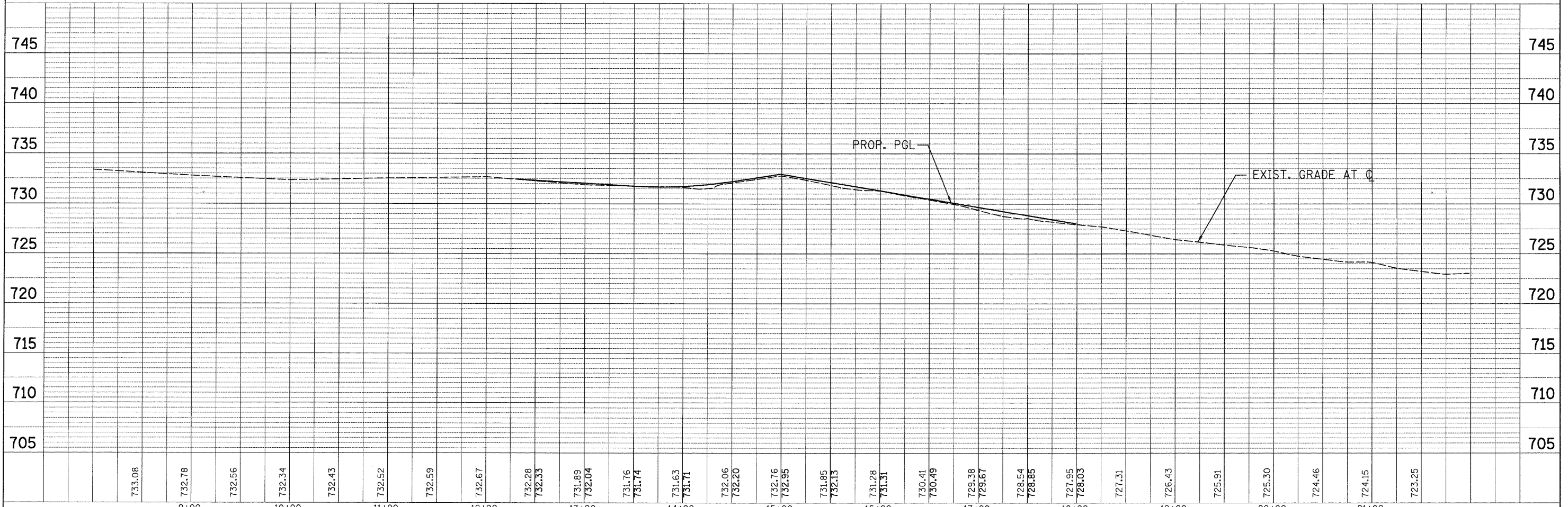
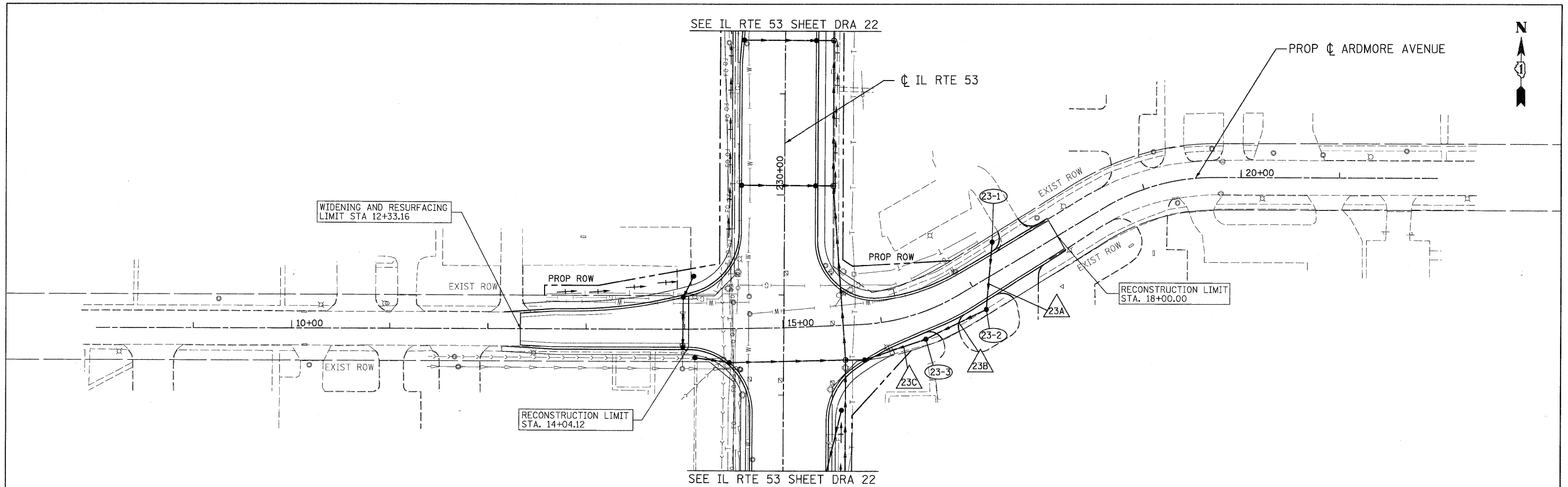
**BRYN MAWR AVENUE  
DRAINAGE AND UTILITIES PLAN AND PROFILE**

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2578	5328	DUPAGE	781	285
CONTRACT NO. 60477				

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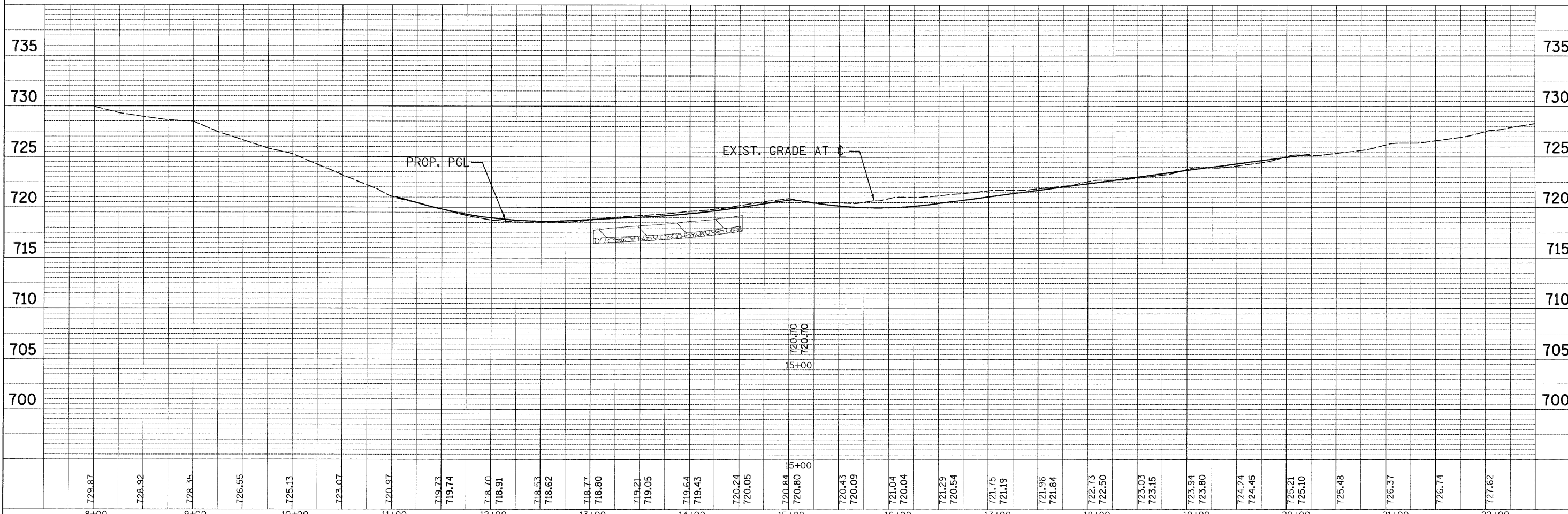
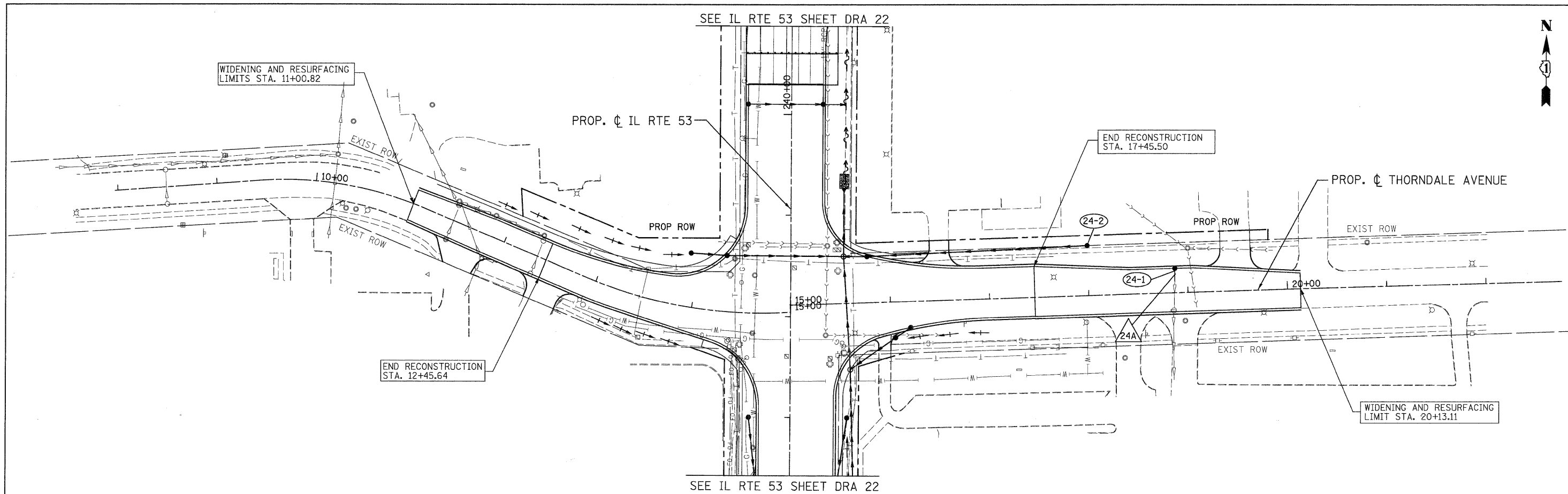


<b>PATRICK ENGINEERING INC.</b> 4070 VARSITY DRIVE LISLE, IL 60532 patrickengineering.com	USER NAME = ckersten(Lisle_R) PLOT CONFIG = PDFIgray_Large.plt PLOT SCALE = 1:50 PLOT DATE = 12/3/2010 1:07:18 PM	DESIGNED - D.DOERFLER DRAWN - D.DOERFLER CHECKED - A.JAMES DATE - 12/3/2010	REVISED - REVISED - REVISED - REVISED -	Illinois Department of Transportation	<b>ARDMORE AVENUE          DRAINAGE AND UTILITIES PLAN AND PROFILE</b>	F.A.U. RTE. 2578 SECTION 532B COUNTY DUPAGE TOTAL SHEETS 781 SHEET NO. 286 CONTRACT NO. 60477
	SCALE: 1"=50' SHEET NO. DRA-31 OF 36 STA. 11+50.00 TO STA. 17+81.53		FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT			
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	PLOTTED	
	CHECKED	
	BY	
	NO.	
	FILE NAME	

PROFILE	SURVEYED	DATE
	PLOTTED	
	CHECKED	
	BY	
	NO.	
	FILE NAME	



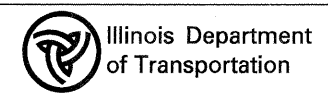
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PATRICK ENGINEERING INC.  
4970 VARSITY DRIVE  
LISLE, IL 60532  
patrickengineering.com

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PLOT CONFIG = PDFIgray\_Large.plt  
PLOT SCALE = 1:50  
PLOT DATE = 12/3/2010 1:07:22 PM

DESIGNED - D.DOERFLER  
DRAWN - D.DOERFLER  
CHECKED - A.JAMES  
DATE - 12/3/2010

REVISED -  
REVISED -  
REVISED -  
REVISED -



THORNDALE AVENUE  
DRAINAGE AND UTILITIES PLAN AND PROFILE  
SCALE: 1"=50'  
SHEET NO. DRA-32 OF 36  
STA. 9+50 TO STA. 20+12

F.A.U. RTE. 2578	SECTION 532B	COUNTY	TOTAL SHEETS 781	SHEET NO. 287
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT		CONTRACT NO. 60477		

G:\IDOT\9356\_A6\_(IL53)\Drawings\CADD Sheets\019139797-ahd-drain-287.dgn





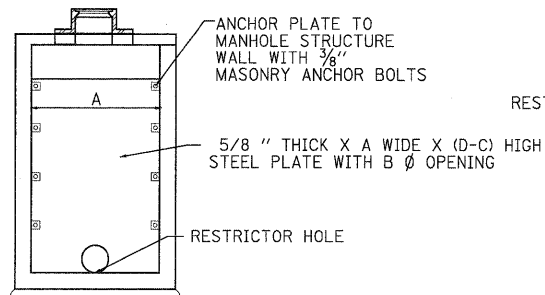
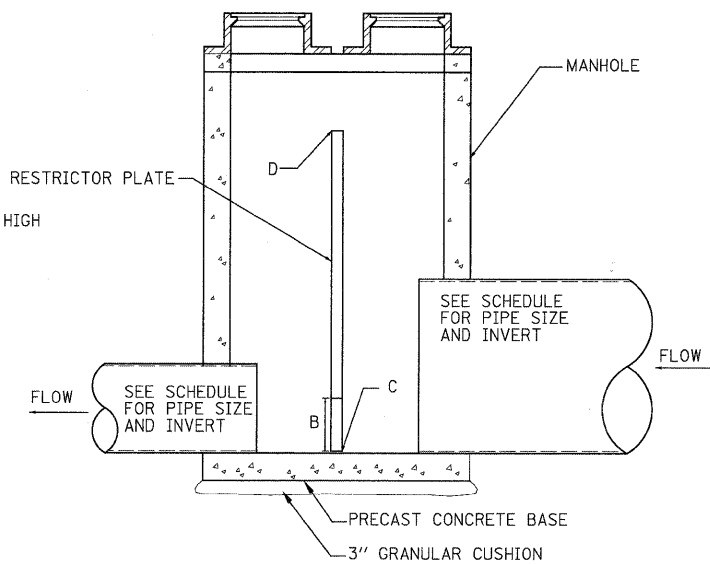
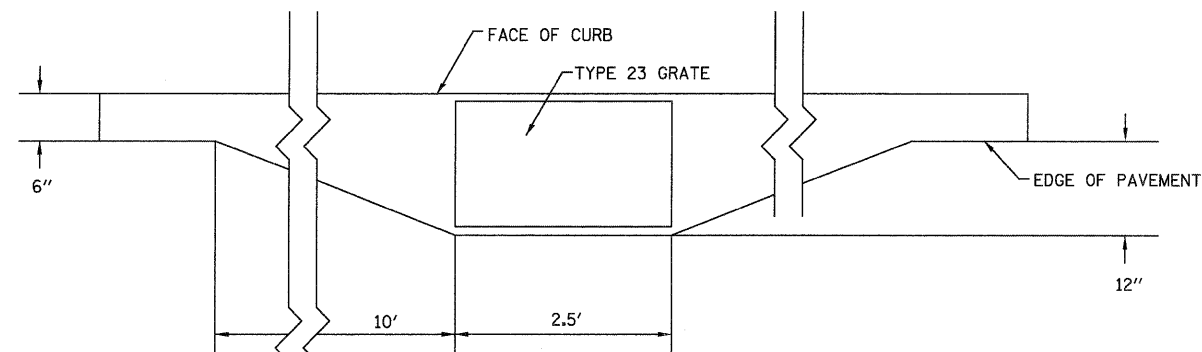


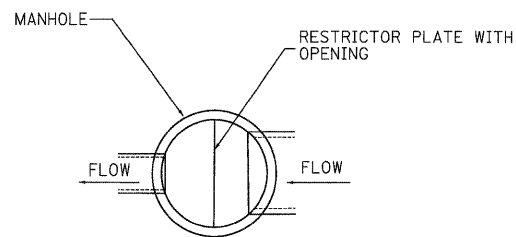
PLATE ELEVATION VIEW  
N.T.S.



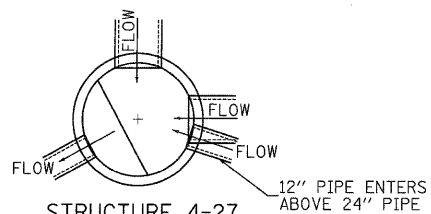
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N.T.S.



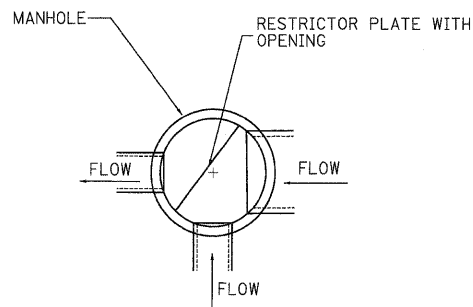
GUTTER FLARE DETAIL FOR TYPE 23 GRATE IN B6.6 GUTTER  
N.T.S.



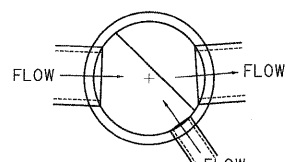
PLAN  
SHOWING PIPE & RESTRICTOR ORIENTATIONS FOR TWO PIPES AT 180 DEGREES



STRUCTURE 4-27  
SHOWING SPECIFIC PIPE & RESTRICTOR ORIENTATIONS



PLAN  
SHOWING PIPE & RESTRICTOR ORIENTATIONS FOR THREE PIPES AT 90 DEGREES



STRUCTURE 14-30  
SHOWING SPECIFIC PIPE & RESTRICTOR ORIENTATIONS

RESTRICTOR MANHOLE INFORMATION				
STRUCTURE NUMBER	DIMENSION			
	A	B	C	D
2-5	6'	18"	740.03	743.40
3-17	6'	24"	732.99	739.05
4-19	6'	14"	731.12	735.60
4-27	6'	12"	738.47	741.45
5-2	6'	12"	729.09	733.60
5-20	6'	12"	726.11	730.50
6-16	6'	18"	724.07	727.70
10-16	6'	30"	693.00	699.00
14-30	6'	21"	713.85	719.40
21-9	6'	15"	715.83	718.30

RESTRICTOR STRUCTURE DETAILS AND SCHEDULE

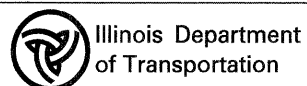
- A = MANHOLE DIAMETER
- B = ORIFICE DIAMETER
- C = ORIFICE INVERT ELEVATION (MAY NOT CORRESPOND TO STRUCTURE INVERT)
- D = TOP OF PLATE ELEVATION

PATRICK ENGINEERING INC.  
4970 VARSITY DRIVE  
LISLE, IL 60532  
patrickengineering.com

USER NAME = ckerster@lisle.RI  
PLOT CONFIG = PDF(Grey, Large).plt  
PLOT SCALE = 1:50  
PLOT DATE = 12/3/2010

DESIGNED - D.DOERFLER  
DRAWN - D.DOERFLER  
CHECKED - A.JAMES  
DATE - 12/3/2010

REVISED -  
REVISED -  
REVISED -  
REVISED -

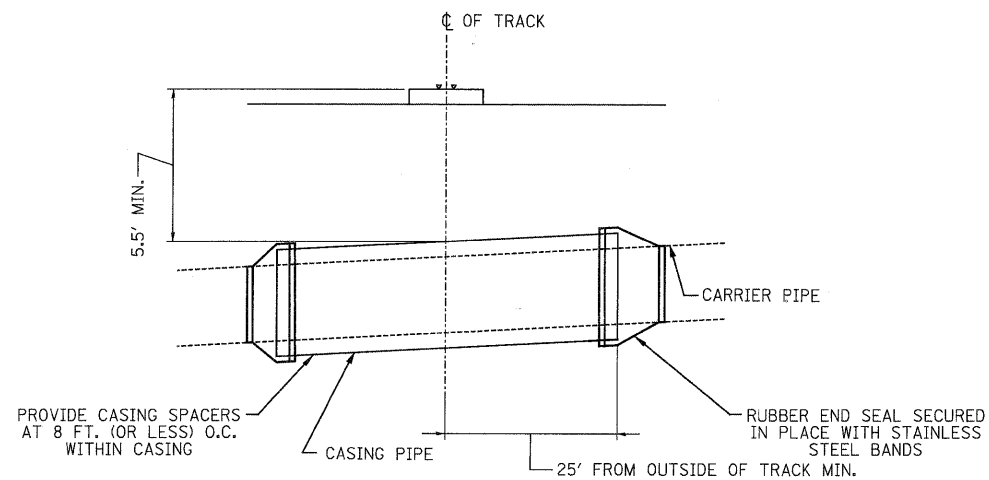


ILLINOIS ROUTE 53  
DRAINAGE DETAILS

SCALE: NONE SHEET DRA-34 OF 36 STA. TO STA.

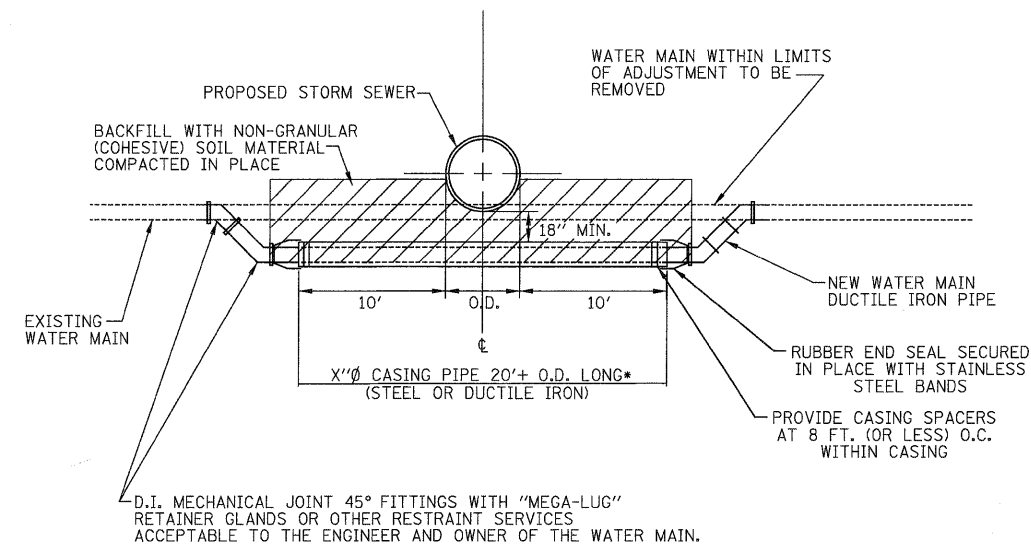
F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2578	532B	DUPAGE	781	289
CONTRACT NO. 60477				

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



STORM SEWER PIPE SIZE	CASING PIPE SIZE	LENGTH OF CASING PIPE	MIN. WALL THICKNESS
36"	42"	110'	0.375"

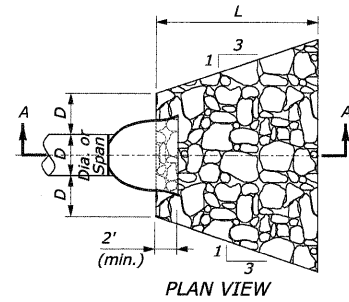
RAILROAD STORM SEWER CROSSING  
CASING PIPE DETAIL  
N.T.S.



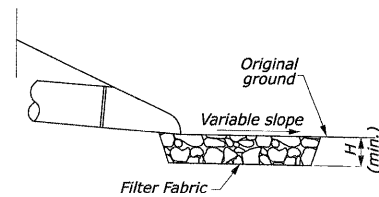
WATER MAIN ADJUSTMENT DETAIL

WATER MAIN CROSSING NOTES

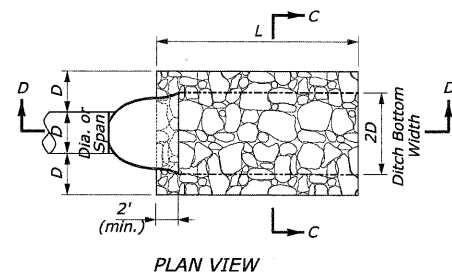
ADJUSTED WATER MAINS SHALL BE LAID TO PROVIDE A MINIMUM VERTICAL DISTANCE OF 18 INCHES BETWEEN THE INVERT OF THE UPPER PIPE AND THE CROWN OF THE LOWER PIPE.  
ARRANGE CROSSING SO THAT THE SEWER PIPE JOINTS AND THE WATER MAIN PIPE JOINTS ARE EQUIDISTANT FROM THE POINT OF CROSSING (PIPES CENTERED ON THE CROSSING).  
\*WHERE PROPOSED STORM SEWER MEETS WATER MAIN REQUIREMENTS, CASING PIPE SHALL BE OMITTED.



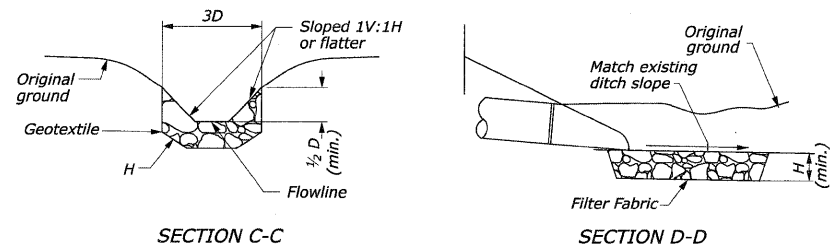
PLAN VIEW  
CULVERT WITH STANDARD END SECTION AND RIPRAP



SECTION A-A  
PROTECTIVE APRON AT CULVERT OUTLET WITHOUT DITCH



PLAN VIEW  
CULVERT WITH STANDARD END SECTION AND RIPRAP



SECTION C-C  
SECTION D-D  
PROTECTIVE APRON AT CULVERT OUTLET WITH DITCH

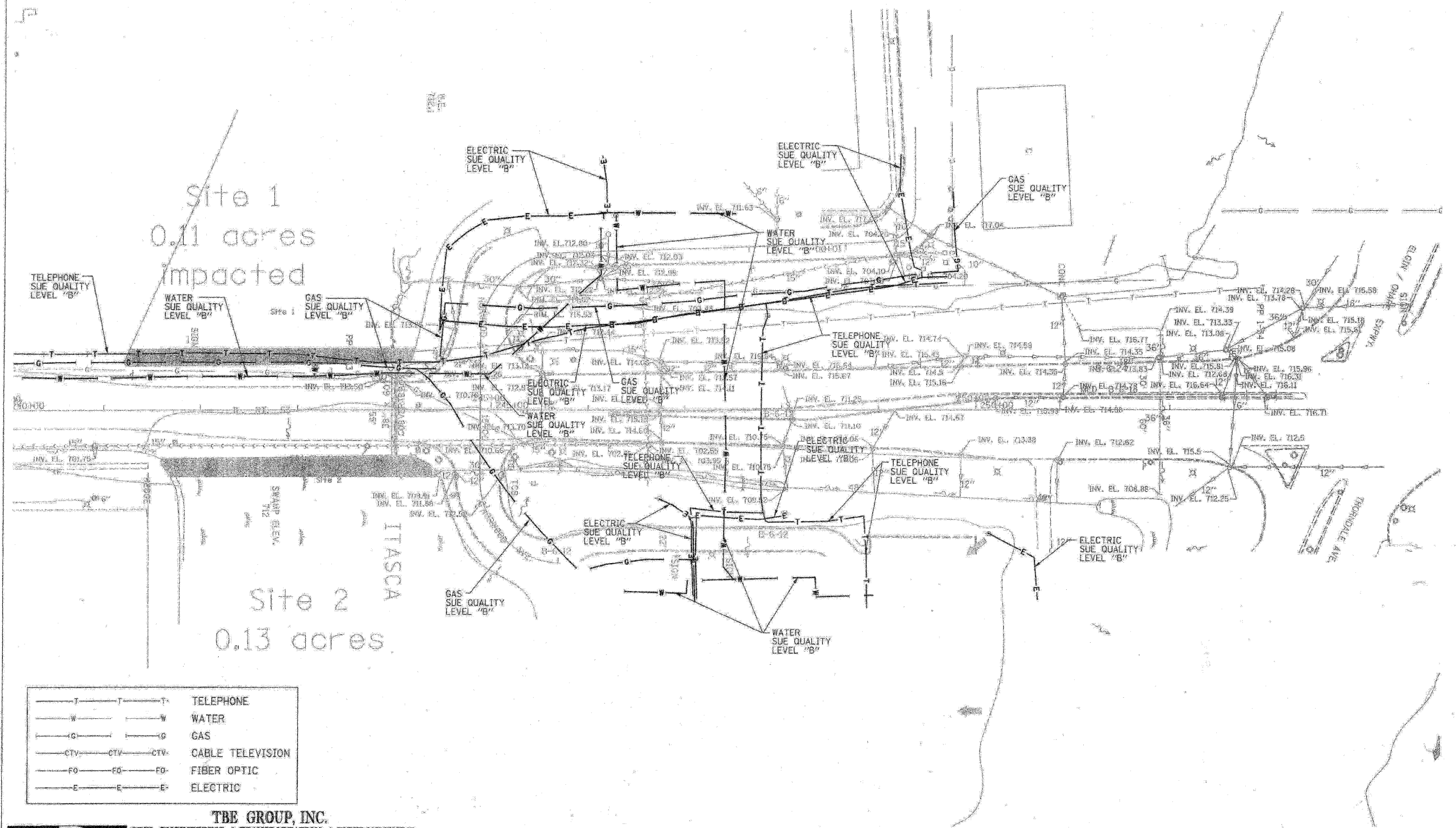
OUTLET WITHOUT DITCH PROTECTIVE APRON DIMENSIONS AND ESTIMATED QUANTITIES						
	CULVERT SIZE D (inches)	RIPRAP CLASS	LENGTH OF APRON L (feet)	DEPTH OF RIPRAP APRON H (feet)	ESTIMATED RIPRAP QUANTITY (SY)	ESTIMATED GEOTEXTILE QUANTITY (SY)
WITH END SECTION	18	A4	7	1.33	6	6
	24	A4	9	1.33	9	9
	30	A4	13.5	1.33	18	18
	36	A4	16	1.33	26	26
	42	A4	22	1.33	44	44
	48	A4	25	1.33	57	57
	72	A4	38	1.33	130	130

RIPRAP NOTES:

1. Use for aprons serving culverts with slopes of less than 10%.
2. Furnish Filter Fabric per section 282 of the standard specifications. 2' Turn downs not shown.
3. Provide bedding stone (not shown) per section 281 of the standard specifications
4. Excavation for placement of riprap will not be measured for payment.

OUTLET WITH DITCH PROTECTIVE APRON DIMENSIONS AND ESTIMATED QUANTITIES						
	CULVERT SIZE D (inches)	RIPRAP CLASS	LENGTH OF APRON L (feet)	DEPTH OF RIPRAP APRON H (feet)	ESTIMATED RIPRAP QUANTITY (SY)	ESTIMATED GEOTEXTILE QUANTITY (SY)
WITH END SECTION	18	A4	7	1.33	4	4
	24	A4	9	1.33	6	6
	30	A4	13.5	1.33	12	12
	36	A4	16	1.33	16	16
	42	A4	22	1.33	26	26
	48	A4	25	1.33	34	34
	72	A4	38	1.33	76	76

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	5328	DUPAGE	781	292
STA. 240+00	TO STA. 254+00			
FED. ROAD DIST. NO.	ILLINOIS FED. AID PROJECT			



—T—T—T	TELEPHONE
—W—W—W	WATER
—G—G—G	GAS
—CTV—CTV—CTV	CABLE TELEVISION
—FO—FO—FO	FIBER OPTIC
—E—E—E	ELECTRIC

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 NORTHERN REGION: IL, IN, MI, OH, MD, NJ, NY  
 PA, VA, CANADA  
 WESTERN REGION: AZ, NV, NM, TX, CA, OR, UT, WA  
 IL 09500146, IL 09500151, IL 09500152, IL 09500175  
 TBE SUE PAGE NO: 20 OF 20  
 Signature: *[Handwritten Signature]*  
 SUE Quality Level "B" : Designating



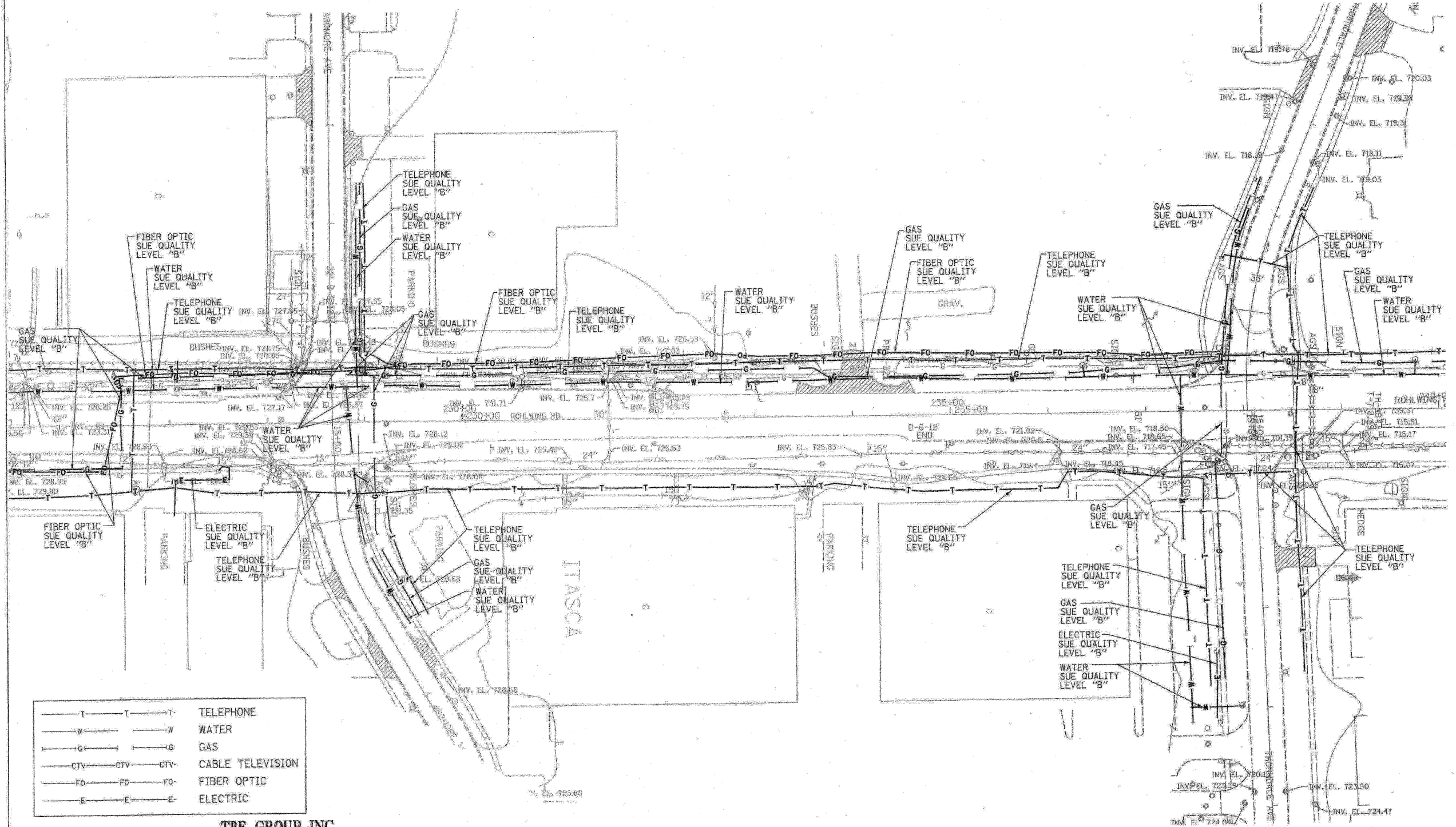
205 W. WACKER DRIVE  
 SUITE 1020  
 CHICAGO, IL 60606  
 (312) 704-1970

Utility shown on these plans as depicted in the legend have been investigated by TBE Group, Inc in accordance with SUE Industry Standards as of 5/27/03.  
 All other information shown has been provided to TBE Group, Inc by others.

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION  
 SUBSURFACE UTILITY ENGINEERING  
 IL RT. 53 (ROHLWING ROAD)  
 FROM MORELAND AVE TO HUNTINGTON AVE  
 CONTRACT NO. 60477  
 SCALE : 1:50  
 DATE - 7/14/03  
 DRAWN BY - KLC  
 CHECKED BY -

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	5328	DUPAGE	781	293
STA.	225+00	TO STA.	240+00	
FED. ROAD DIST. NO.	ILLINOIS FED. AID PROJECT			



—T—T—T—	TELEPHONE
—W—W—W—	WATER
—G—G—G—	GAS
—CTV—CTV—CTV—	CABLE TELEVISION
—FO—FO—FO—	FIBER OPTIC
—E—E—E—	ELECTRIC

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 PA, VA, CANADA  
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 IL 09500146, IL 09500151, IL 09500152, IL 09500175  
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 Signature *[Signature]*  
 SUE Quality Level "B": Designating



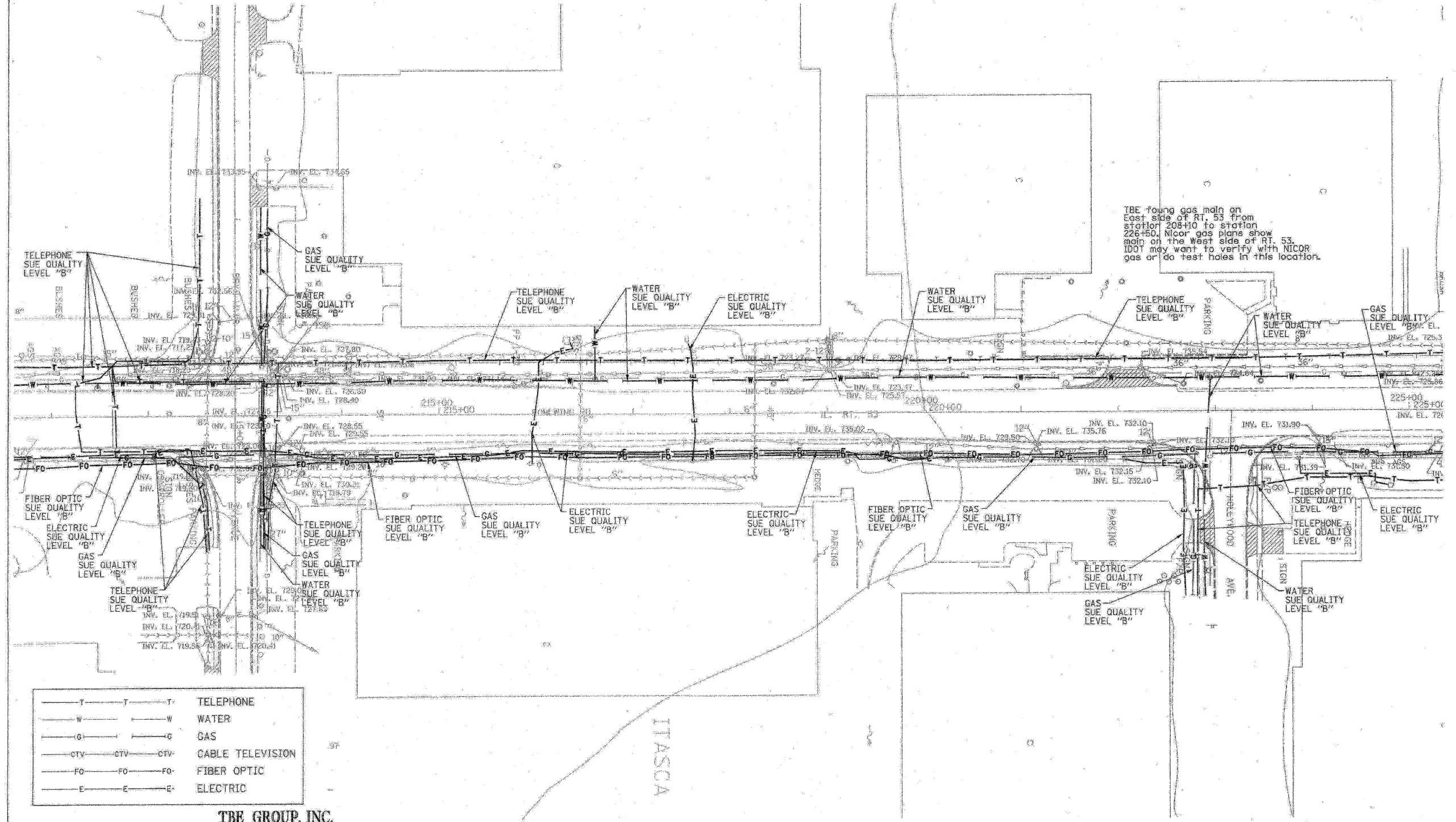
205 W. WACKER DRIVE  
 SUITE 1020  
 CHICAGO, IL 60606  
 (312) 704-1970

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REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION  
 SUBSURFACE UTILITY ENGINEERING  
 IL RT. 53 (ROHLWING ROAD)  
 FROM MORELAND AVE TO HUNTINGTON AVE  
 CONTRACT NO. 60477  
 SCALE: 1:50  
 DATE - 7/14/03  
 DRAWN BY - KLC  
 CHECKED BY -

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	5328	DUPAGE	781	294
STA.	210+00	TO STA.	225+00	
FED. ROAD DIST. NO.	ILLINOIS		FED. AID PROJECT	



—T—T—T—	TELEPHONE
—W—W—W—	WATER
—G—G—G—	GAS
—CTV—CTV—CTV—	CABLE TELEVISION
—FO—FO—FO—	FIBER OPTIC
—E—E—E—	ELECTRIC

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 NORTHERN REGION: IL, IN, MI, OH, MD, NJ, NY  
 PA, VA, CANADA  
 WESTERN REGION: AZ, NV, NM, TX, CA, OR, UT, WA  
 IL 09500146, IL 09500151, IL 09500152, IL 09500175  
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 Signature: *[Handwritten Signature]*  
 SUE Quality Level "B" Designating



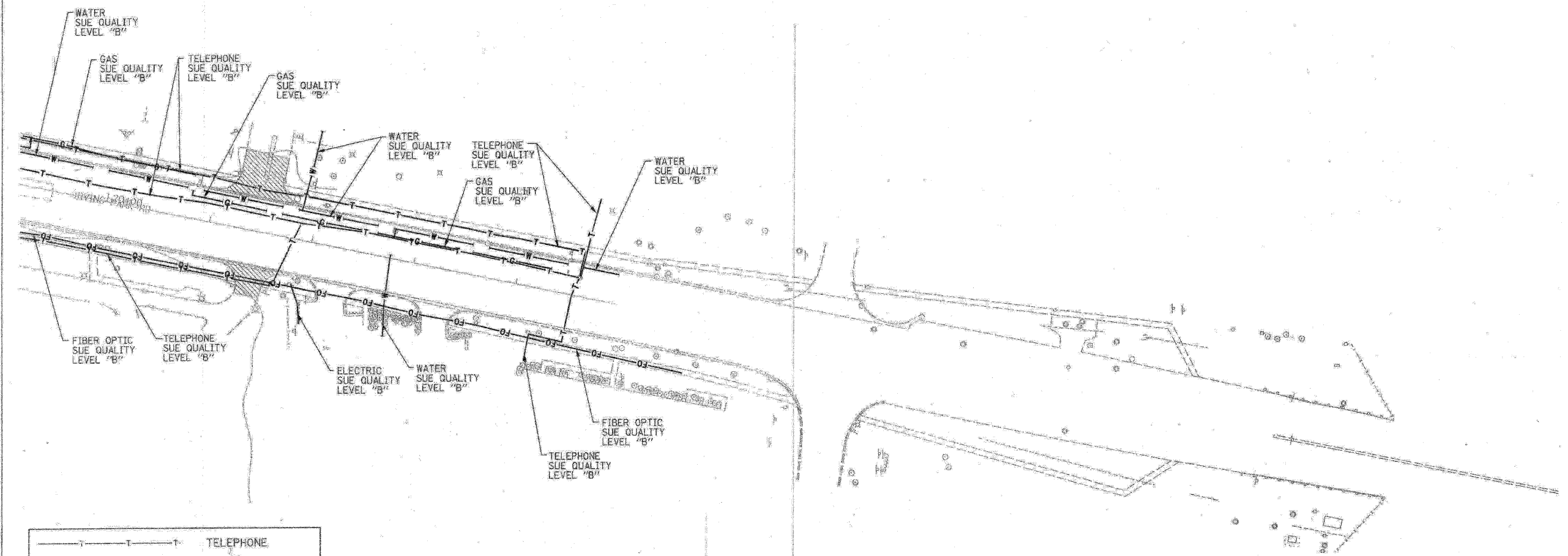
205 W. WACKER DRIVE  
 SUITE 1020  
 CHICAGO, IL 60606  
 (312) 704-1970

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REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION  
 SUBSURFACE UTILITY ENGINEERING  
 IL RT. 53 (ROHLWING ROAD)  
 FROM MORELAND AVE TO HUNTINGTON AVE  
 CONTRACT NO. 60477  
 SCALE: 1:50  
 DATE: 7/14/03  
 DRAWN BY - KLC  
 CHECKED BY -

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	532B	DUPAGE	781	295
STA.	19+00	TO STA.		
FED. ROAD DIST. NO.		ILLINOIS	FED. AID PROJECT	



—T—T—T—	TELEPHONE
—W—W—W—	WATER
—G—G—G—	GAS
—CTV—CTV—CTV—	CABLE TELEVISION
—FO—FO—FO—	FIBER OPTIC
—E—E—E—	ELECTRIC

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 PA, VA, CANADA  
 WESTERN REGION: AZ, NV, NM, TX, CA, OR, UT, WA  
 IL 09500146, IL 09500151, IL 09500152, IL 09500175  
 TBE SUE PAGE NO: 17 OF 20  
 Signature *Robert L. Clemens*  
 SUE Quality Level "B" : Designating



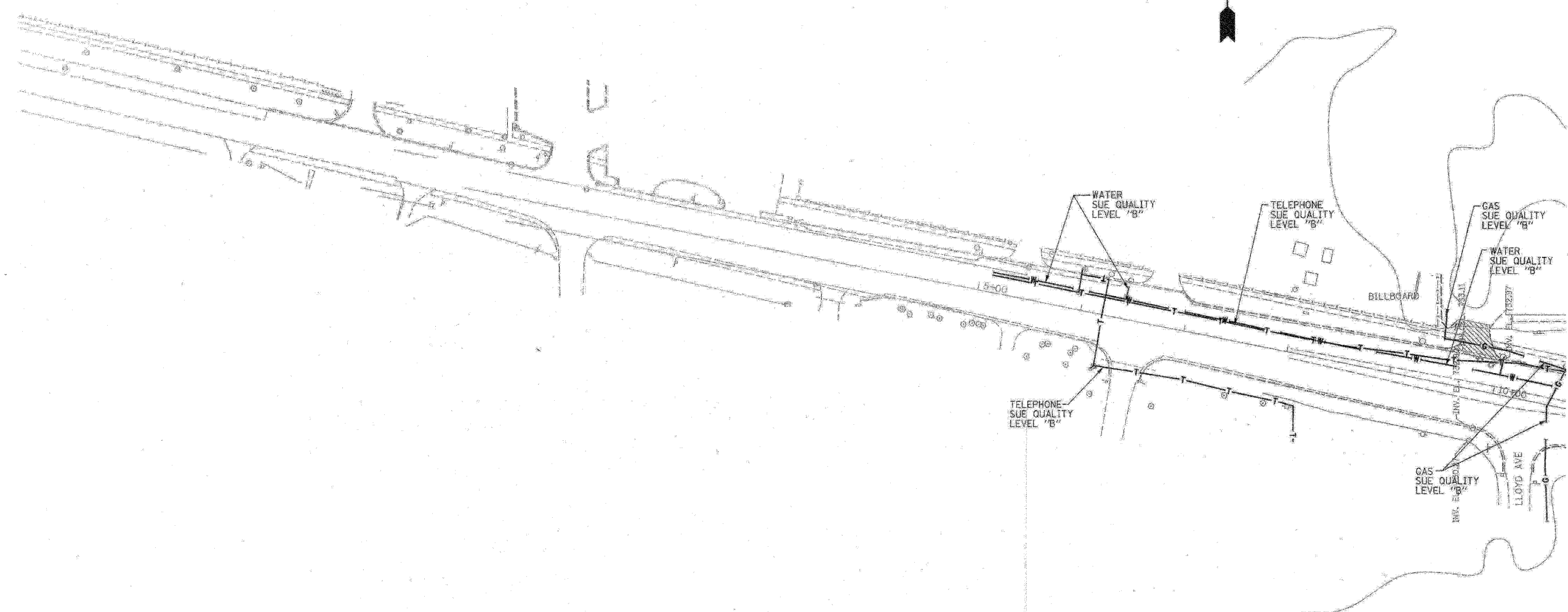
205 W. WACKER DRIVE  
 SUITE 1020  
 CHICAGO, IL 60606  
 (312) 704-1970

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REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION  
 SUBSURFACE UTILITY ENGINEERING  
 IL RT. 53 (ROHLWING ROAD)  
 FROM MORELAND AVE TO HUNTINGTON AVE  
 CONTRACT NO. 60477  
 SCALE : 1:50  
 DATE - 7/14/03  
 DRAWN BY - KLC  
 CHECKED BY -

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	5328	DUPAGE	781	296
STA. 5+00	TO STA. 10+00			
FED. ROAD DIST. NO.	ILLINOIS FED. AID PROJECT			



—T—T—T—	TELEPHONE
—W—W—W—	WATER
—G—G—G—	GAS
—CTV—CTV—CTV—	CABLE TELEVISION
—FO—FO—FO—	FIBER OPTIC
—E—E—E—	ELECTRIC

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 CIVIL ENGINEERING \* TRANSPORTATION \* ENVIRONMENTAL  
 \* PLANNING \* UTILITY ENGINEERING/LOCATING  
 SOUTHERN REGION: FL, GA, SC, NC  
 NORTHERN REGION: IL, IN, MI, OH, MD, NJ, NY  
 PA, VA, CANADA  
 WESTERN REGION: AZ, NV, NM, TX, CA, OR, UT, WA

IL 09500146, IL 09500151, IL 09500152, IL 09500175  
 TBE SUE PAGE NO: 16 OF 20  
 Signature \_\_\_\_\_  
 SUE Quality Level "B" Designating



205 W. WACKER DRIVE  
 SUITE 1020  
 CHICAGO, IL 60606  
 (312) 704-1970

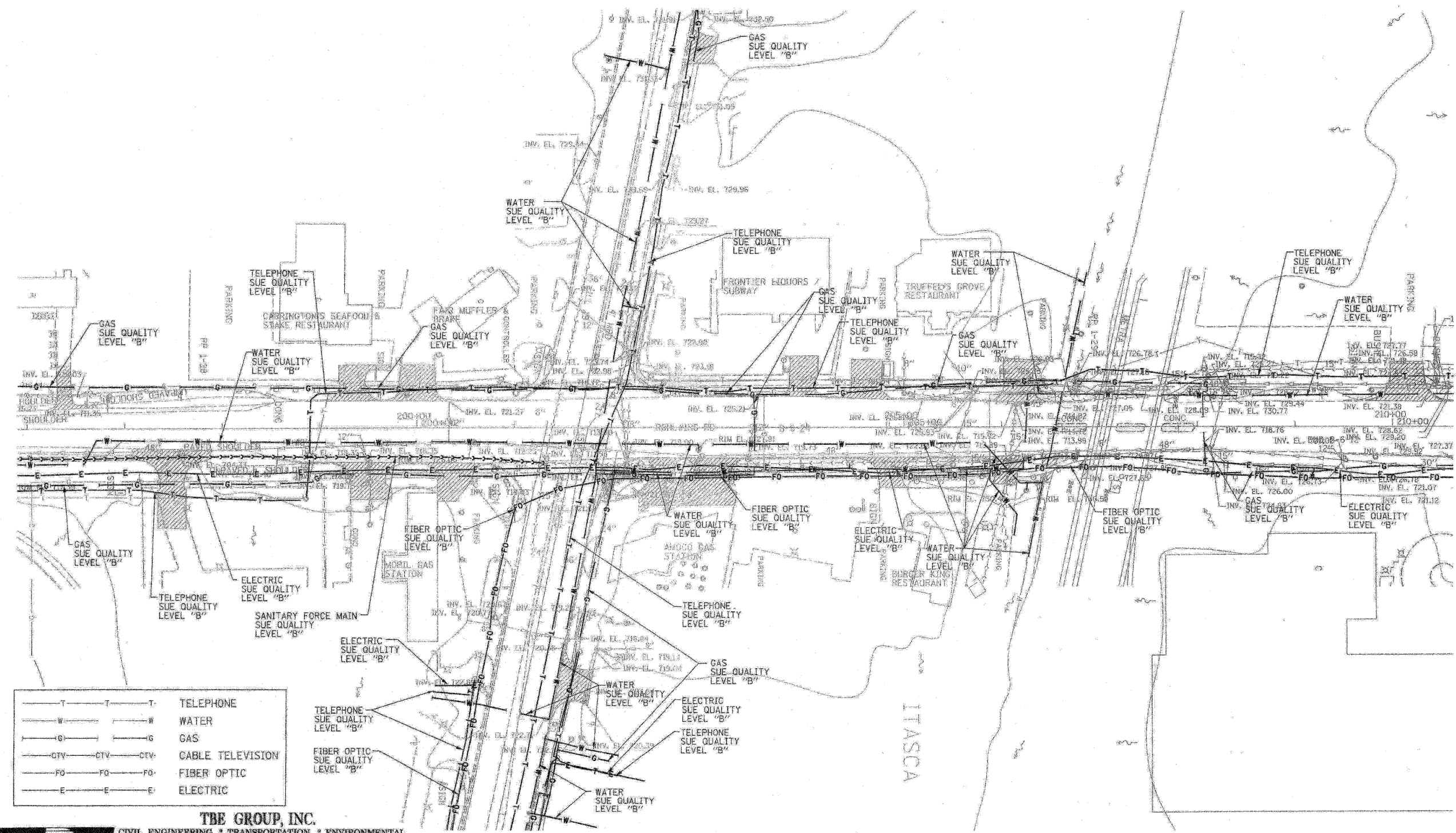
Utility shown on these plans as depicted in the legend have been investigated by TBE Group, Inc in accordance with SUE Industry Standards as of 5/27/03.  
 All other information shown has been provided to TBE Group, Inc by others.

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION  
 SUBSURFACE UTILITY ENGINEERING  
 IL RT. 53 (ROHLWING ROAD)  
 FROM MORELAND AVE TO HUNTINGTON AVE  
 CONTRACT NO. 60477  
 SCALE : 1:50  
 DATE - 7/14/03  
 DRAWN BY - KLC  
 CHECKED BY -



F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	5328	DUPAGE	781	297
STA. 196+00	TO STA. 210+00			
FED. ROAD DIST. NO.	ILLINOIS		FED. AID PROJECT	



—T—T—T—	TELEPHONE
—W—W—W—	WATER
—G—G—G—	GAS
—CTV—CTV—CTV—	CABLE TELEVISION
—FO—FO—FO—	FIBER OPTIC
—E—E—E—	ELECTRIC

**TBE GROUP, INC.**  
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 NORTHERN REGION: IL, IN, MI, OH, MD, NJ, NY  
 PA, VA, CANADA  
 WESTERN REGION: AZ, NV, NM, TX, CA, OR, UT, WA

IL09500146, IL09500151, IL09500152, IL09500175  
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 SUE Quality Level "B" ; Designating



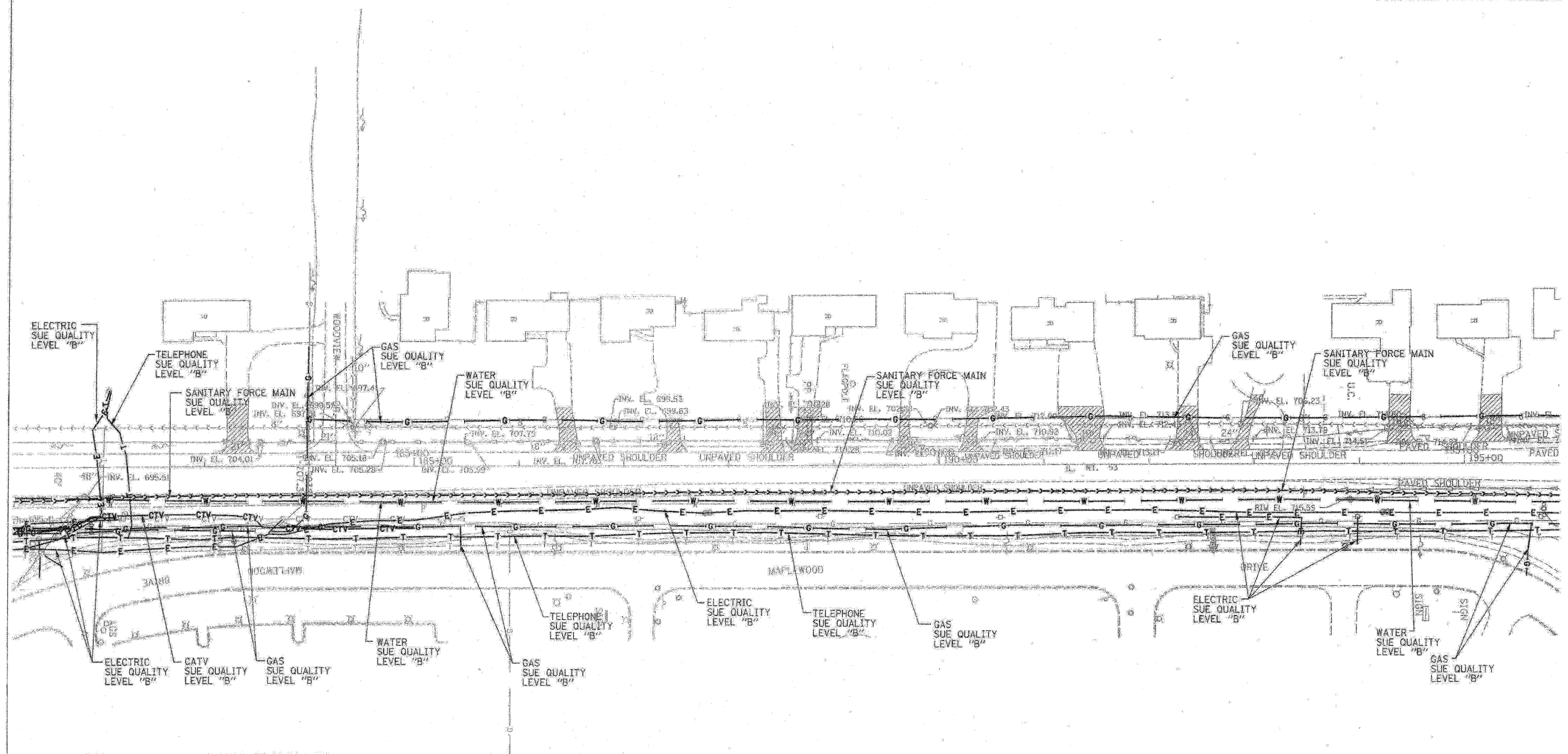
205 W. WACKER DRIVE  
 SUITE 1020  
 CHICAGO, IL 60606  
 (312) 704-1970

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REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION  
 SUBSURFACE UTILITY ENGINEERING  
 IL RT. 53 (ROHLWING ROAD)  
 FROM MORELAND AVE TO HUNTINGTON AVE  
 CONTRACT NO. 60477  
 SCALE : 1"=50' DRAWN BY - KLC  
 DATE - 7/14/03 CHECKED BY -

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	5328	DUPAGE	781	298
STA.	181+00	TO STA.	196+00	
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		



—T—T—T	TELEPHONE
—W—W—W	WATER
—G—G—G	GAS
—CTV—CTV—CTV	CABLE TELEVISION
—FO—FO—FO	FIBER OPTIC
—E—E—E	ELECTRIC

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 PA, VA, CANADA  
 WESTERN REGION: AZ, NV, NM, TX, CA, OR, UT, WA  
 IL09500146, IL09500151, IL09500152, IL09500175  
 TBE SUE PAGE NO: 14 OF 20  
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 SUE Quality Level "B" : Designating



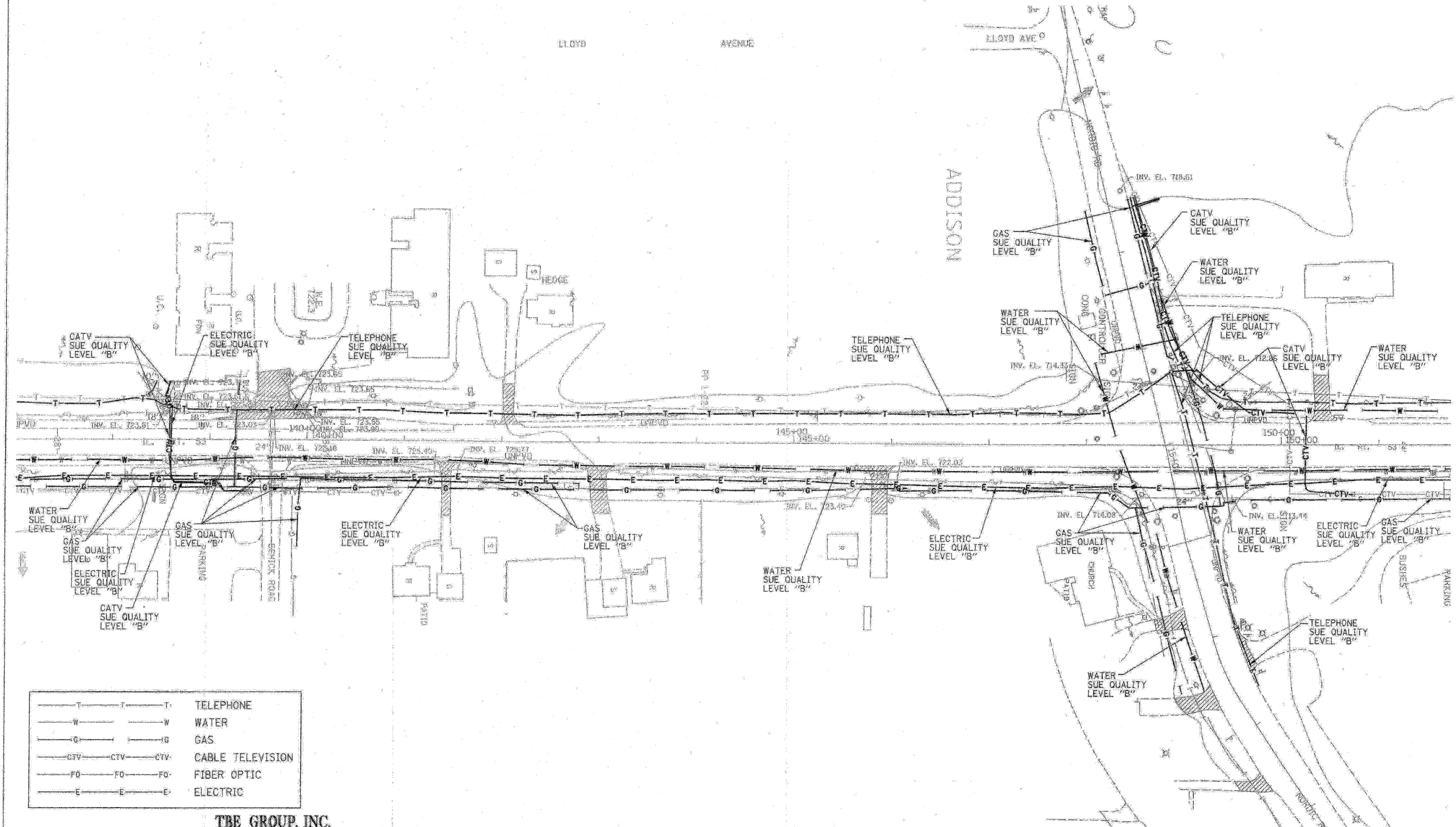
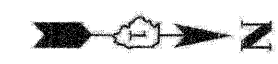
205 W. WACKER DRIVE  
 SUITE 1020  
 CHICAGO, IL 60606  
 (312) 704-1970

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REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION  
 SUBSURFACE UTILITY ENGINEERING  
 IL RT. 53 (ROHLING ROAD)  
 FROM MORELAND AVE TO HUNTINGTON AVE  
 CONTRACT NO. 60477  
 SCALE : 1:50  
 DATE - 7/14/03  
 DRAWN BY - KLC  
 CHECKED BY -

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	5328	DUPAGE	781	299
STA. 137+00	TO STA. 152+00			
FED. ROAD DIST. NO.	ILLINOIS FED. AID PROJECT			



—T—T—T—	TELEPHONE
—W—W—W—	WATER
—G—G—G—	GAS
—CTV—CTV—CTV—	CABLE TELEVISION
—FO—FO—FO—	FIBER OPTIC
—E—E—E—	ELECTRIC

**TBE GROUP, INC.**  
 CIVIL ENGINEERING \* TRANSPORTATION \* ENVIRONMENTAL  
 \* PLANNING \* UTILITY ENGINEERING/LOCATING  
 SOUTHERN REGION: FL, GA, SC, NC  
 NORTHERN REGION: IL, IN, MO, OH, MD, NJ, NY  
 PA, VA, CANADA  
 WESTERN REGION: AZ, NV, NM, TX, CA, OR, UT, WA  
 IL 09500146, IL 09500151, IL 09500152, IL 09500175  
 TBE SUE PAGE NO: 21 OF 20  
 Signature: *[Handwritten Signature]*  
 SUE Quality Level "B" : Designating



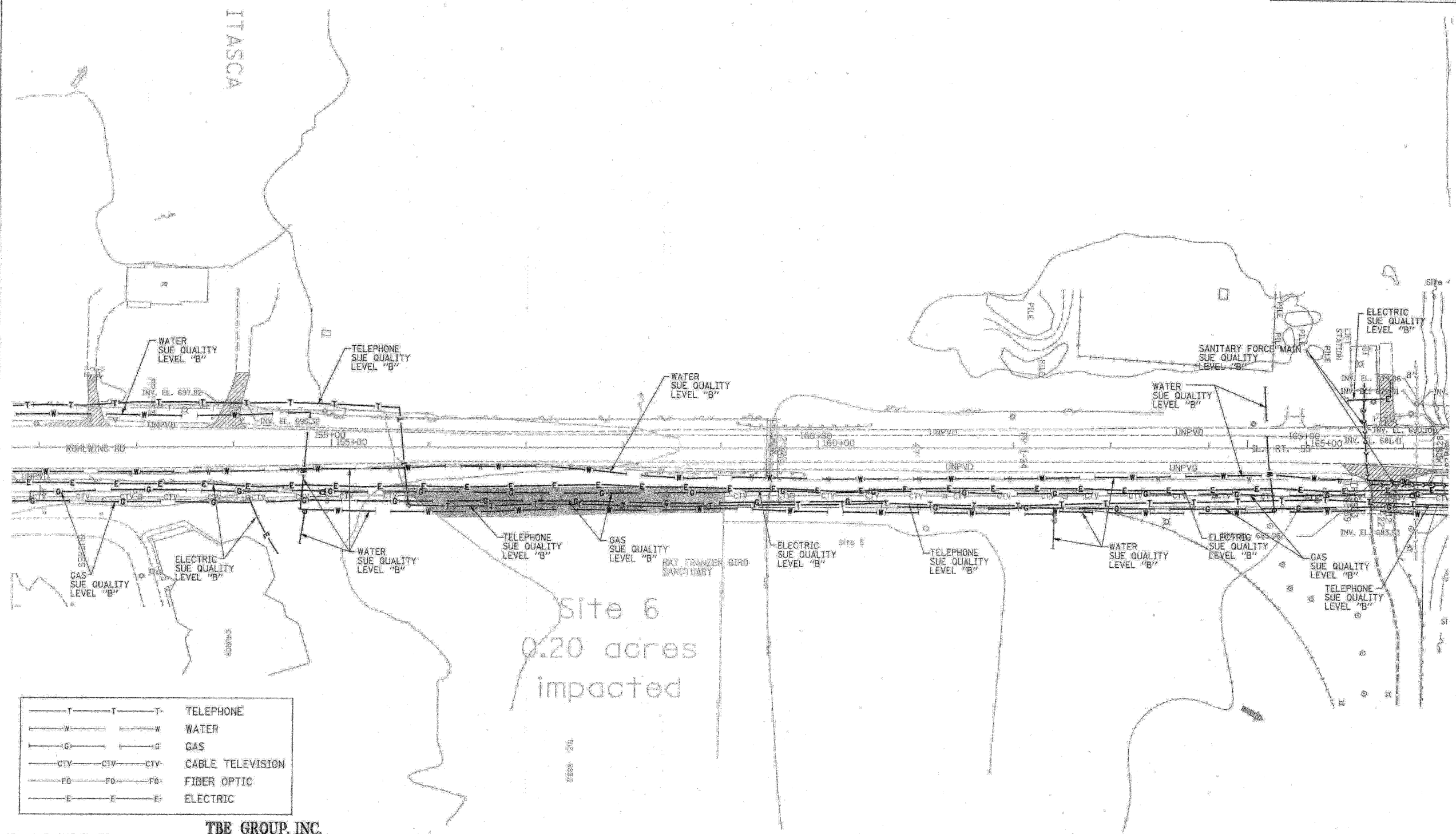
205 W. WACKER DRIVE  
 SUITE 1020  
 CHICAGO, IL 60606  
 (312) 704-1970

Utility shown on these plans as depicted in the legend have been investigated by TBE Group, Inc in accordance with SUE Industry Standards as of 5/27/03.  
 All other information shown has been provided to TBE Group, Inc by others.

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION  
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 DRAWN BY - KLC  
 CHECKED BY -

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	5328	DUPAGE	781	300
STA. 152+00	TO STA. 166+00			
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		



—T—T—T—	TELEPHONE
—W—W—W—	WATER
—G—G—G—	GAS
—CTV—CTV—CTV—	CABLE TELEVISION
—FO—FO—FO—	FIBER OPTIC
—E—E—E—	ELECTRIC

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 PA, VA, CANADA  
 WESTERN REGION: AZ, NV, NM, TX, CA, OR, UT, WA  
 ILO9500146, ILO9500151, ILO9500152, ILO9500175  
 TBE SUE PAGE NO: 12 OF 20  
 Signature *Robert C. Clark*  
 SUE Quality Level "B" Designating



205 W. WACKER DRIVE  
 SUITE 1020  
 CHICAGO, IL 60606  
 (312) 704-1970

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REVISIONS	
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