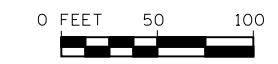
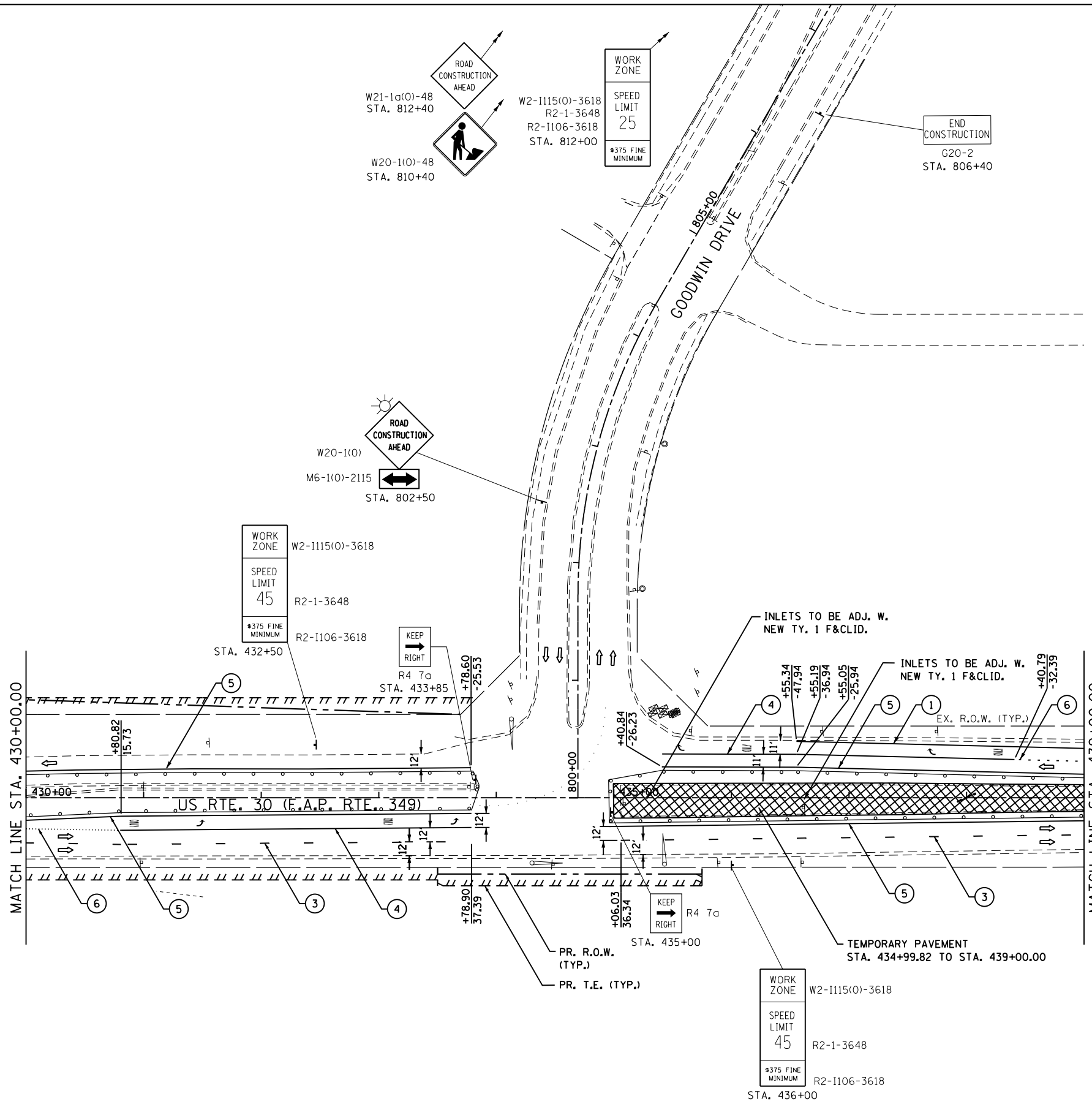


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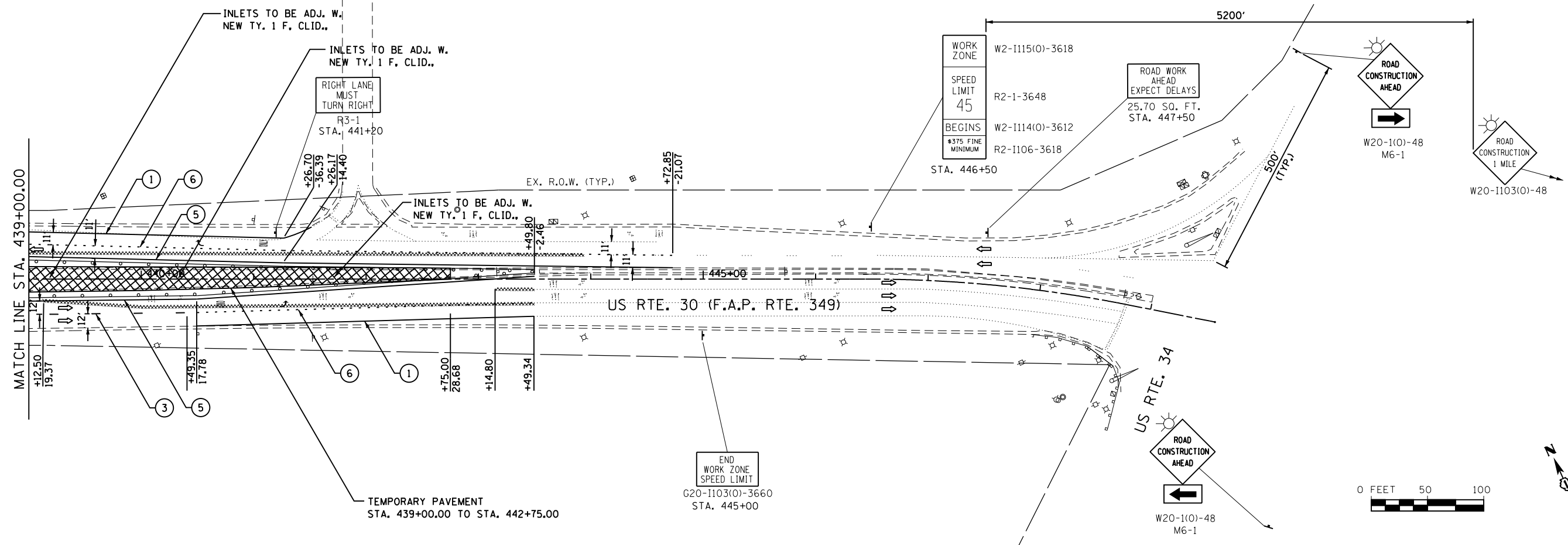
STRAND
ENGINEERS
1170 SOUTH HOUBOLT ROAD
JOLIET, ILLINOIS 60431
(815) 744-4200

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PLOT DATE = 8/1/2012	CHECKED -	REVISED -
	DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

MAINTENANCE OF TRAFFIC PRE-STAGE	
SCALE: AS SHOWN	SHEET NO. OF SHEETS
STA. 430+00.00 TO STA. 439+00.00	

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
349	11 WRS-3	KENDALL	527	101
CONTRACT NO. 60132				
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				



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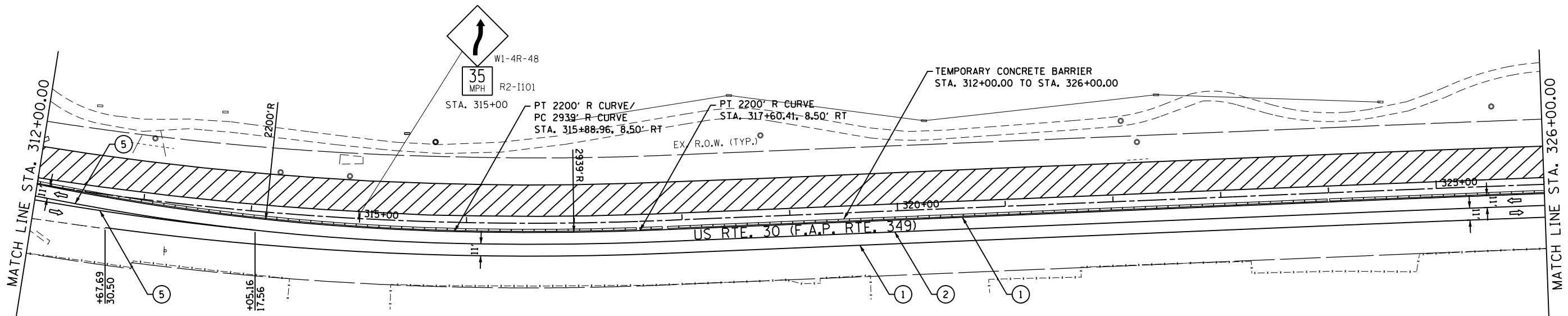
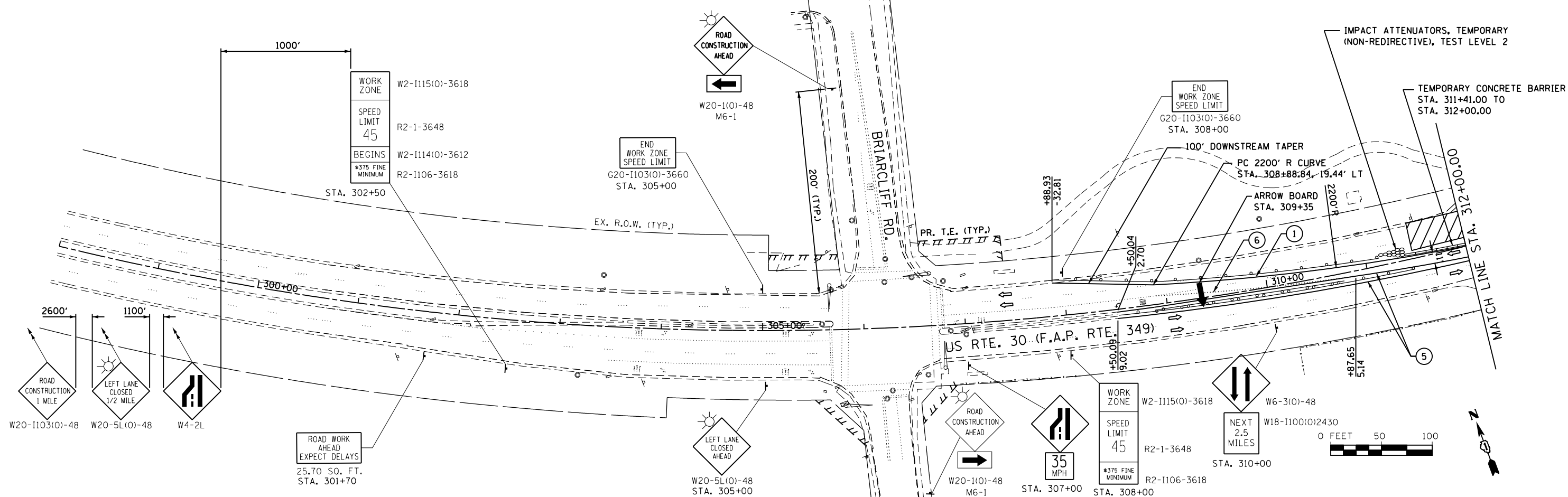


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**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

MAINTENANCE OF TRAFFIC PRE-STAGE			
SCALE:	SHEET NO.	OF SHEETS	STA. 439+00.00 TO STA. 449+58.31

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
349	11 WRS-3	KENDALL	527	102
CONTRACT NO. 60132				
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				



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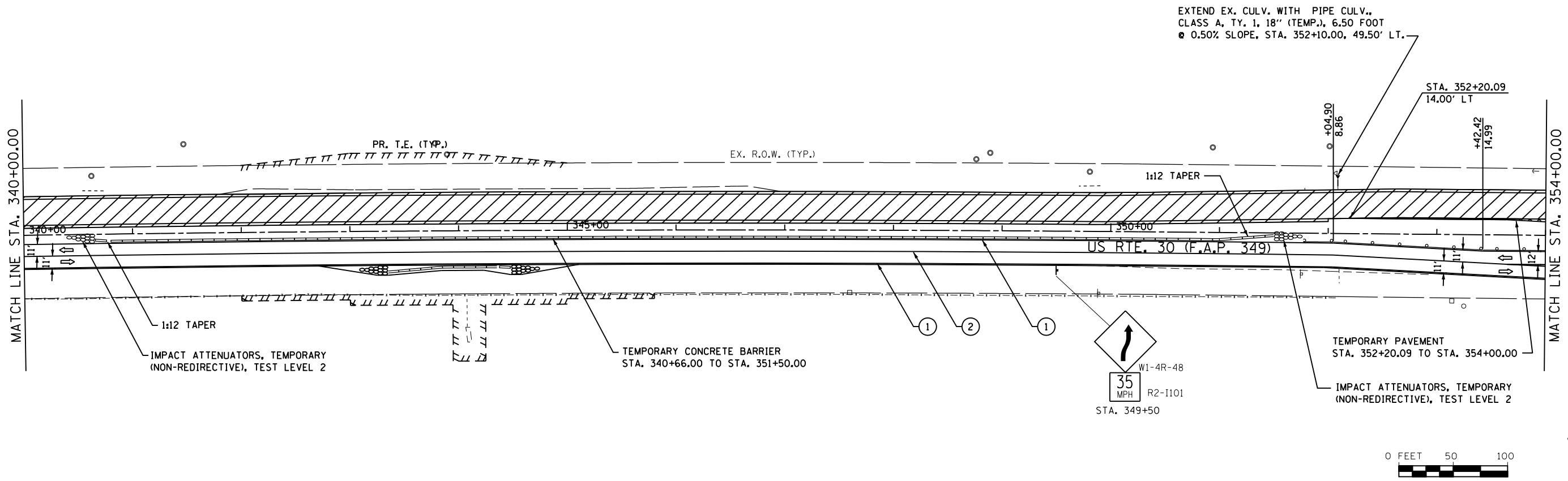
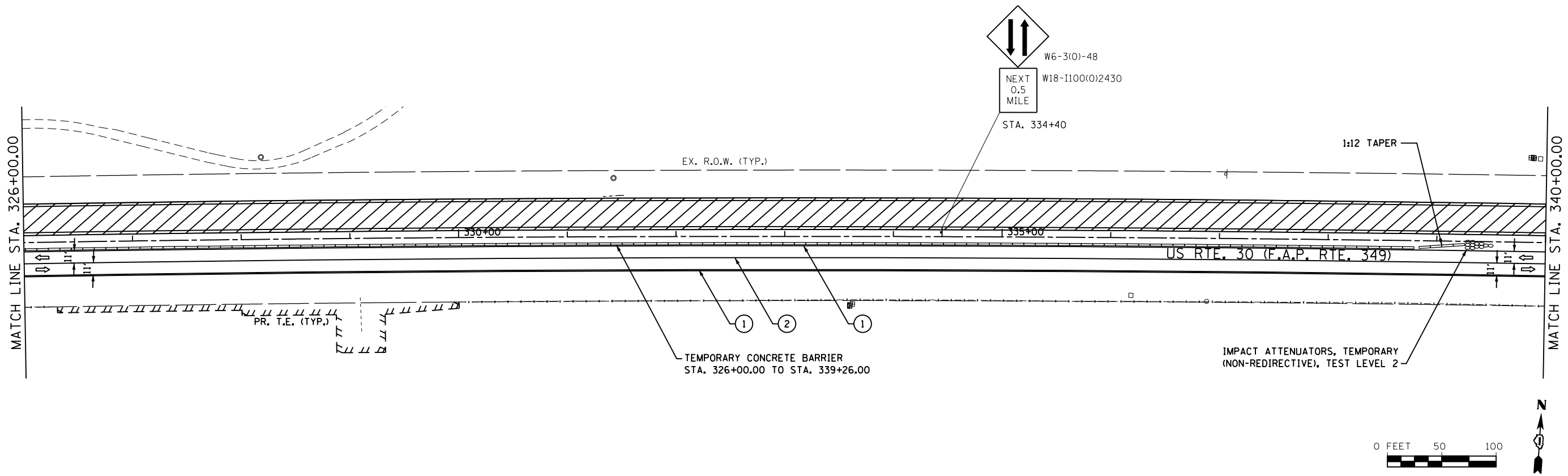
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DRAWN -	REVISED -
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DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

MAINTENANCE OF TRAFFIC
STAGE 1

SCALE: SHEET NO. OF SHEETS STA. 298+00.00 TO STA. 326+00.00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
349	11 WRS-3	KENDALL	527	103
CONTRACT NO. 60132				
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				



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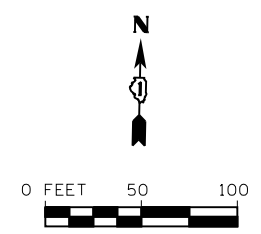
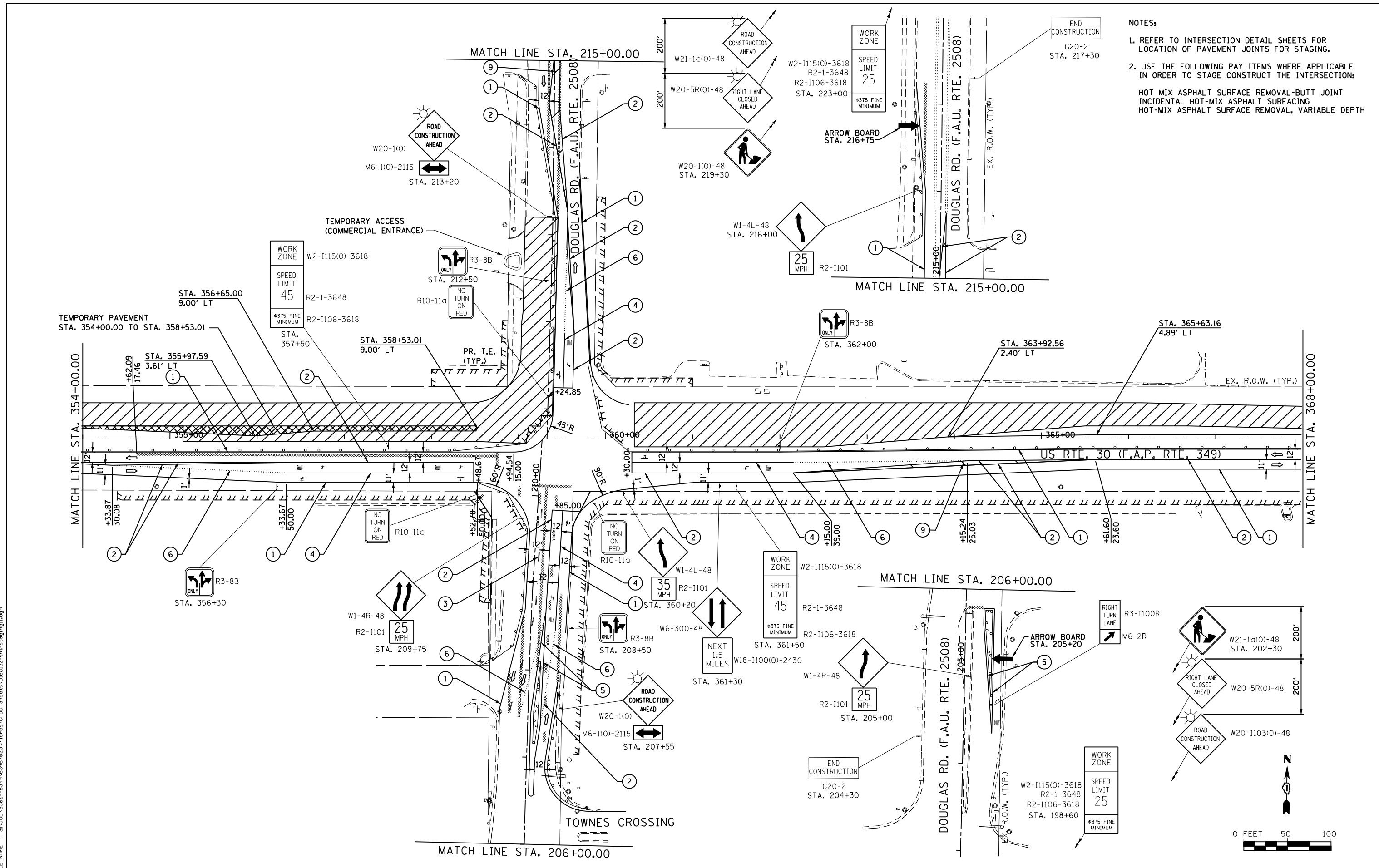
**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**MAINTENANCE OF TRAFFIC
STAGE 1**

SCALE: SHEET NO. OF SHEETS STA. 326+00.00 TO STA. 354+00.00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
349	11 WRS-3	KENDALL	527	104
CONTRACT NO. 60132				
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				

- NOTES:**
- REFER TO INTERSECTION DETAIL SHEETS FOR LOCATION OF PAVEMENT JOINTS FOR STAGING.
 - USE THE FOLLOWING PAY ITEMS WHERE APPLICABLE IN ORDER TO STAGE CONSTRUCT THE INTERSECTION:
- HOT MIX ASPHALT SURFACE REMOVAL-BUTT JOINT
 INCIDENTAL HOT-MIX ASPHALT SURFACING
 HOT-MIX ASPHALT SURFACE REMOVAL, VARIABLE DEPTH



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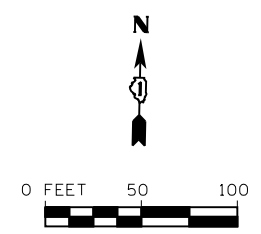
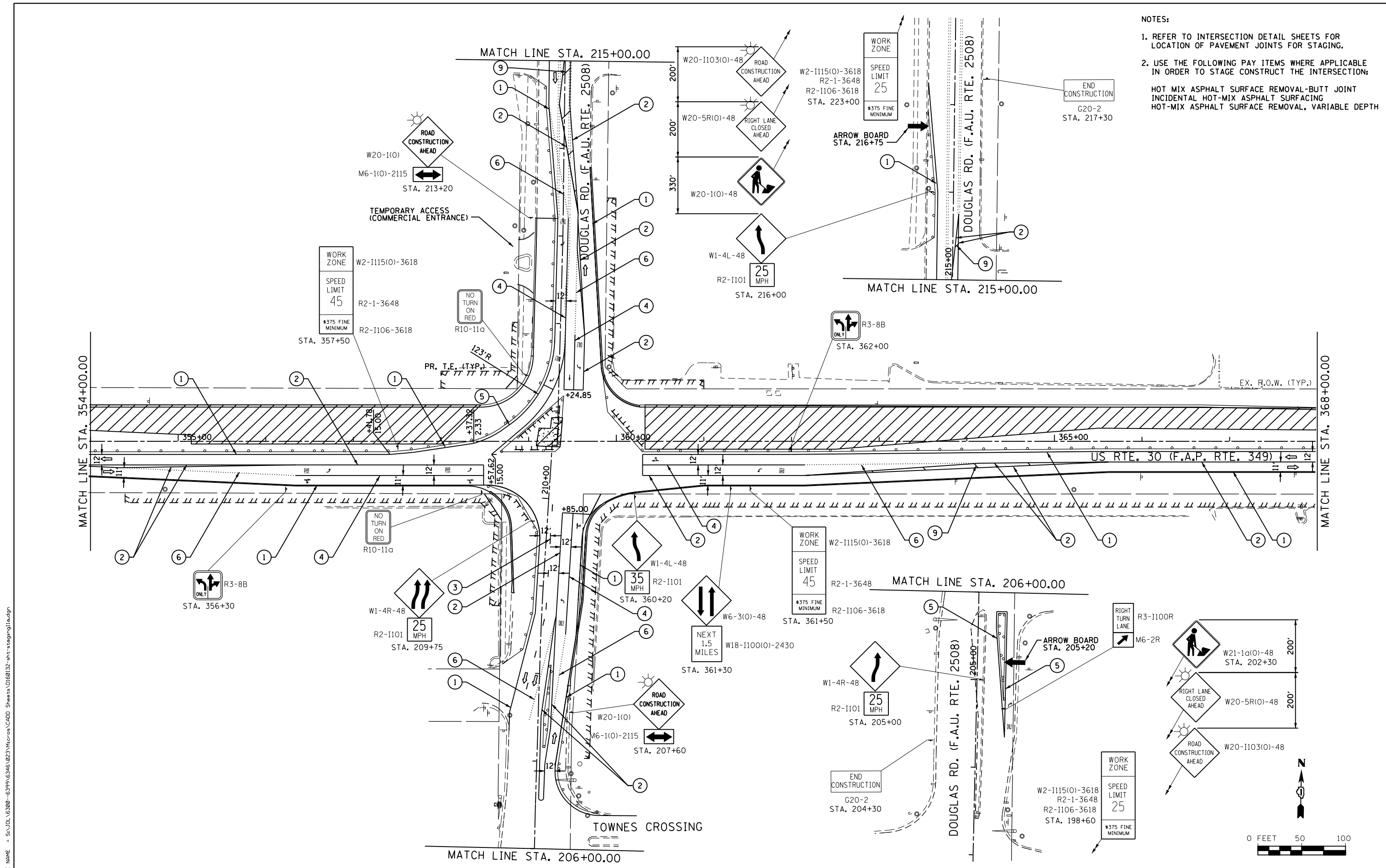
**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

MAINTENANCE OF TRAFFIC STAGE 1	
SCALE: AS SHOWN	SHEET NO. OF SHEETS
STA. 354+00.00 TO STA. 368+00.00	

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
349	11 WRS-3	KENDALL	527	105
CONTRACT NO. 60132				
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				

NOTES:

1. REFER TO INTERSECTION DETAIL SHEETS FOR LOCATION OF PAVEMENT JOINTS FOR STAGING.
2. USE THE FOLLOWING PAY ITEMS WHERE APPLICABLE IN ORDER TO STAGE CONSTRUCT THE INTERSECTION:
HOT MIX ASPHALT SURFACE REMOVAL-BUTT JOINT
INCIDENTAL HOT-MIX ASPHALT SURFACING
HOT-MIX ASPHALT SURFACE REMOVAL, VARIABLE DEPTH



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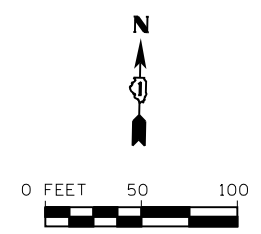
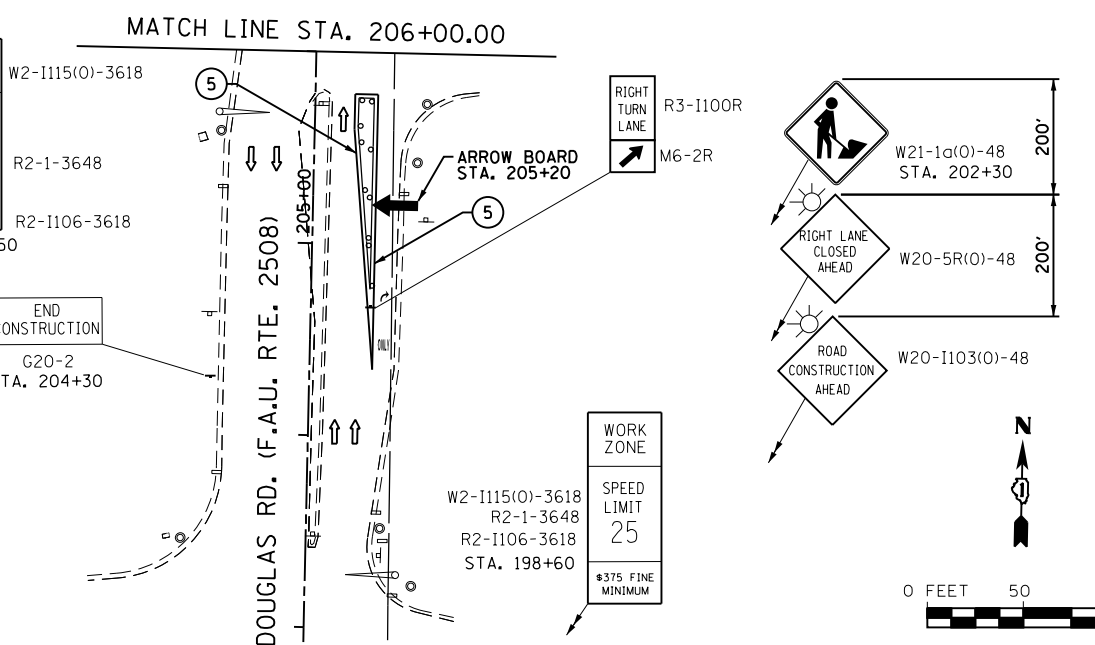
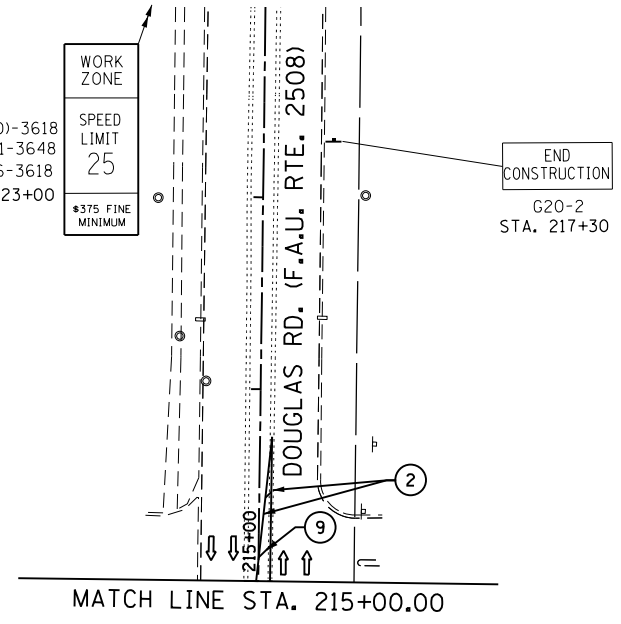
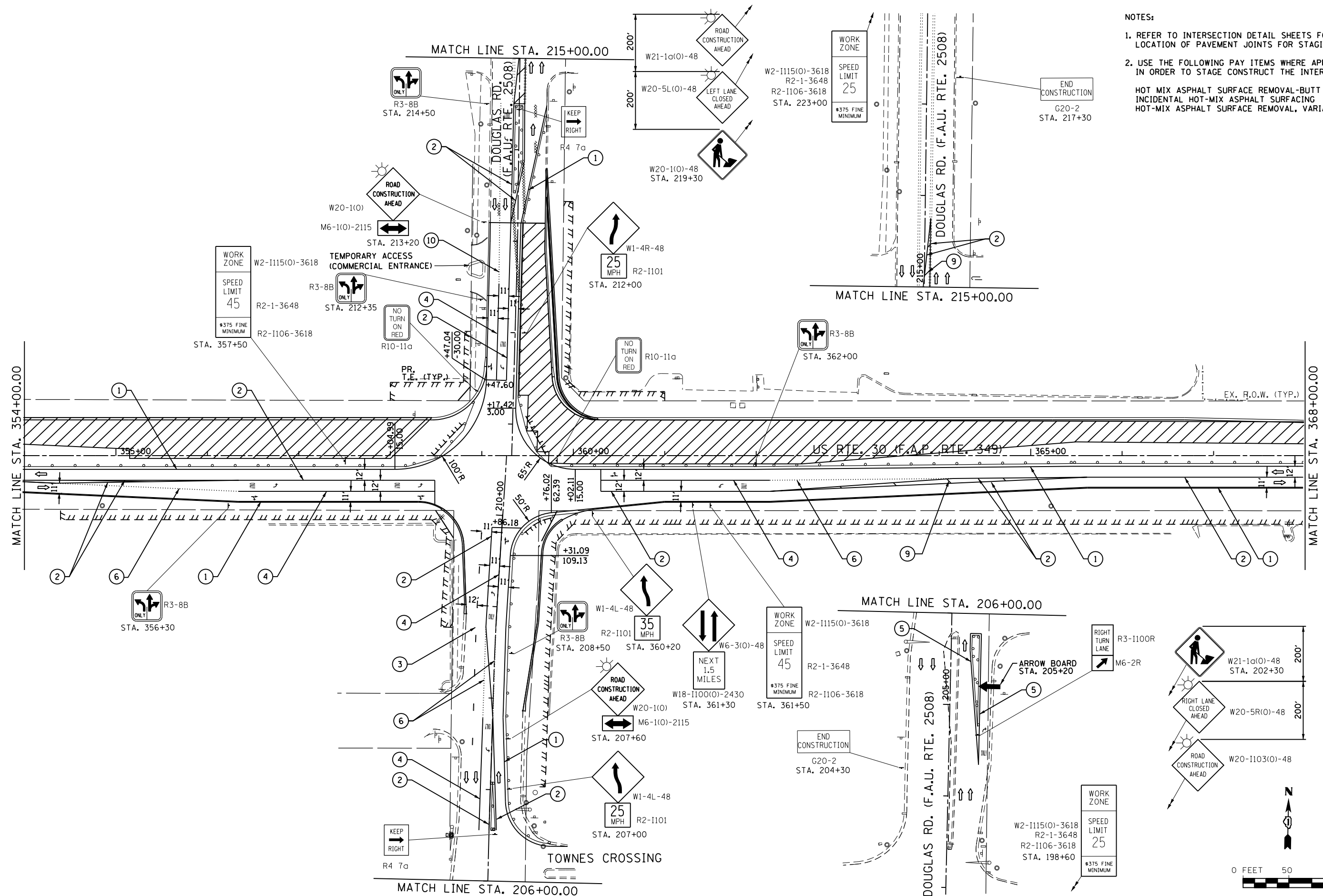
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REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**MAINTENANCE OF TRAFFIC
STAGE 1a**
SCALE: AS SHOWN SHEET NO. OF SHEETS STA. 354+00.00 TO STA. 368+00.00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
349	11 WRS-3	KENDALL	527	106
CONTRACT NO. 60132				
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				

- NOTES:**
- REFER TO INTERSECTION DETAIL SHEETS FOR LOCATION OF PAVEMENT JOINTS FOR STAGING.
 - USE THE FOLLOWING PAY ITEMS WHERE APPLICABLE IN ORDER TO STAGE CONSTRUCT THE INTERSECTION:
 HOT MIX ASPHALT SURFACE REMOVAL-BUTT JOINT
 INCIDENTAL HOT-MIX ASPHALT SURFACING
 HOT-MIX ASPHALT SURFACE REMOVAL, VARIABLE DEPTH



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STRAND ASSOCIATES, INC.
 1170 SOUTH HOUBOLT ROAD
 JOLIET, ILLINOIS 60431
 (815) 744-4200

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	DATE -	REVISED -

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DATE -	REVISED -

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

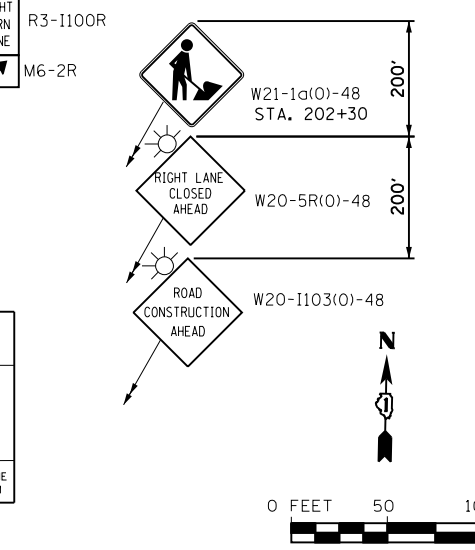
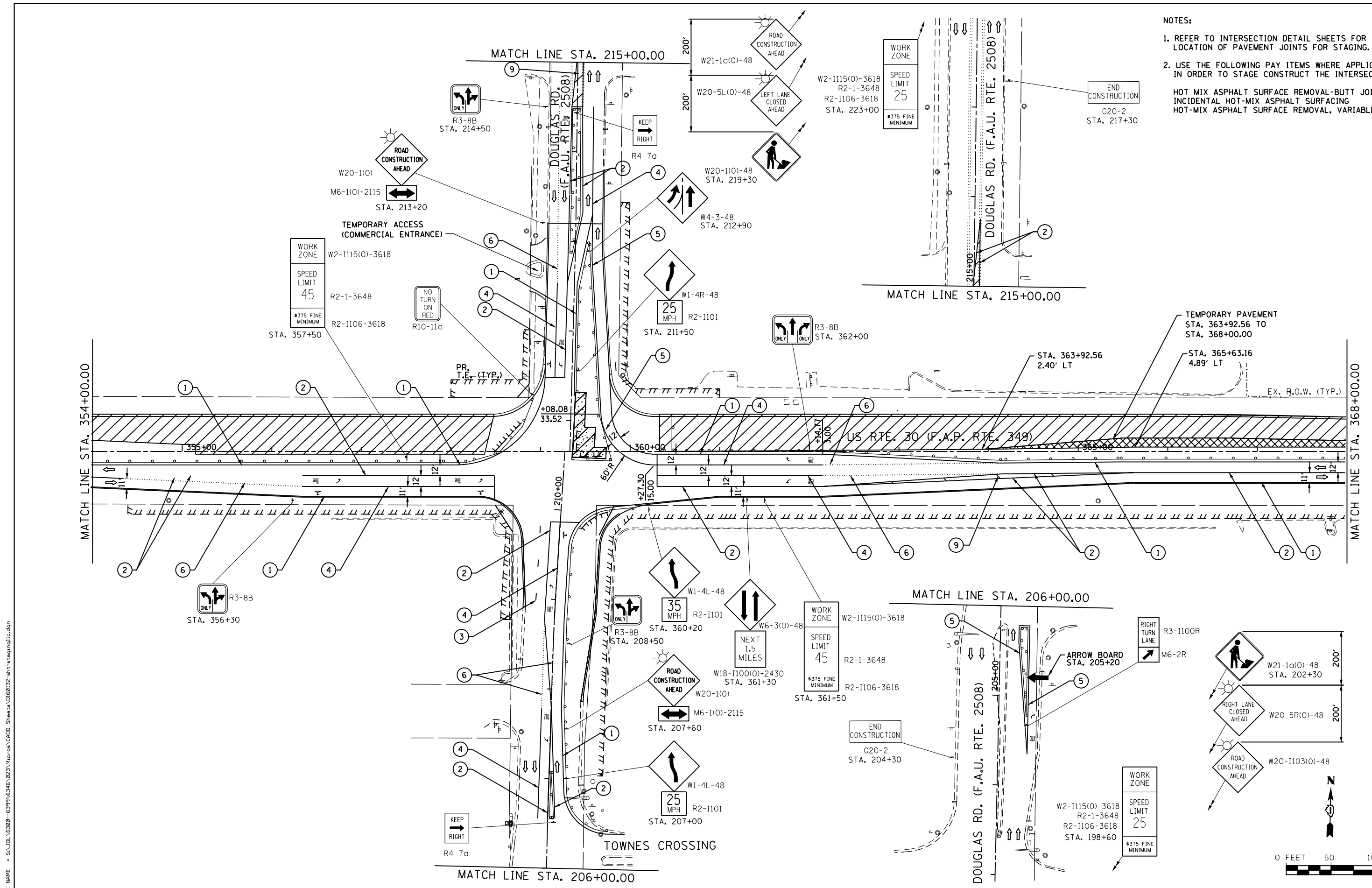
**MAINTENANCE OF TRAFFIC
 STAGE 1b**

SCALE: AS SHOWN SHEET NO. OF SHEETS STA. 354+00.00 TO STA. 368+00.00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
349	11 WRS-3	KENDALL	527	107
CONTRACT NO. 60132				
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				

NOTES:

1. REFER TO INTERSECTION DETAIL SHEETS FOR LOCATION OF PAVEMENT JOINTS FOR STAGING.
2. USE THE FOLLOWING PAY ITEMS WHERE APPLICABLE IN ORDER TO STAGE CONSTRUCT THE INTERSECTION:
HOT MIX ASPHALT SURFACE REMOVAL-BUTT JOINT
INCIDENTAL HOT-MIX ASPHALT SURFACING
HOT-MIX ASPHALT SURFACE REMOVAL, VARIABLE DEPTH



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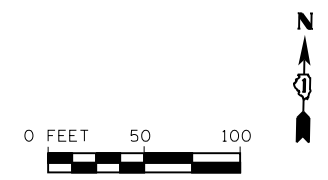
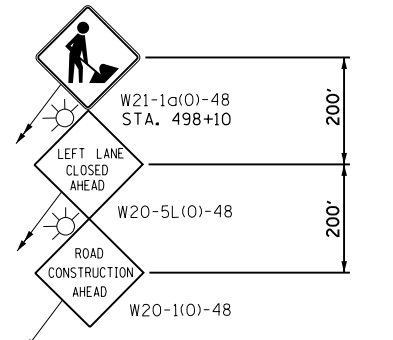
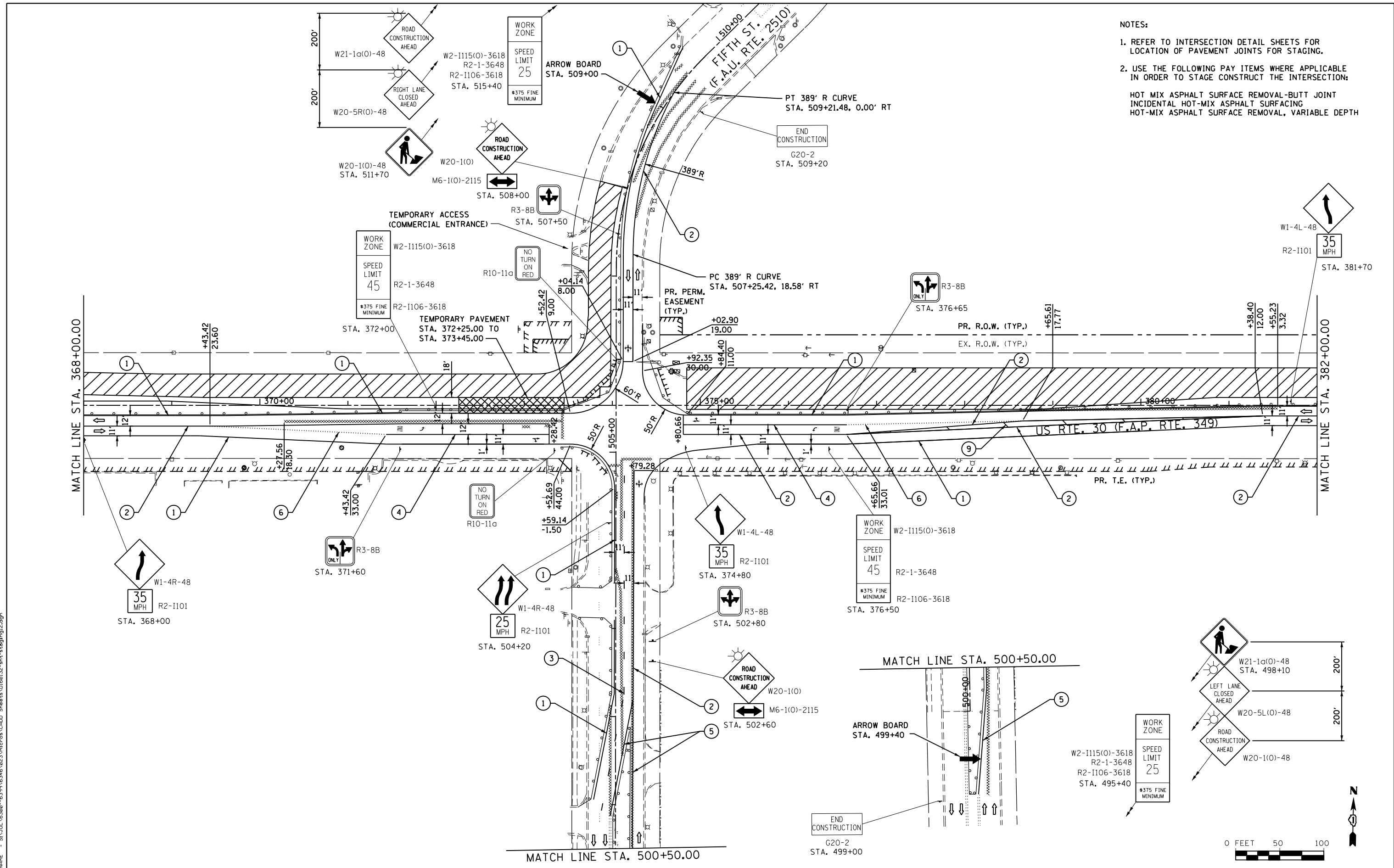
**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**MAINTENANCE OF TRAFFIC
STAGE 1c**

SCALE: AS SHOWN SHEET NO. OF SHEETS STA. 354+00.00 TO STA. 368+00.00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
349	11 WRS-3	KENDALL	527	108
CONTRACT NO. 60132				
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				

- NOTES:
- REFER TO INTERSECTION DETAIL SHEETS FOR LOCATION OF PAVEMENT JOINTS FOR STAGING.
 - USE THE FOLLOWING PAY ITEMS WHERE APPLICABLE IN ORDER TO STAGE CONSTRUCT THE INTERSECTION:
 - HOT MIX ASPHALT SURFACE REMOVAL-BUTT JOINT
 - INCIDENTAL HOT-MIX ASPHALT SURFACING
 - HOT-MIX ASPHALT SURFACE REMOVAL, VARIABLE DEPTH



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JOLIET, ILLINOIS 60431
(815) 744-4200

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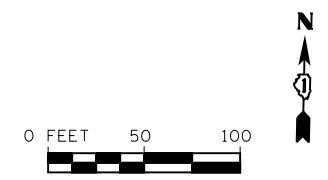
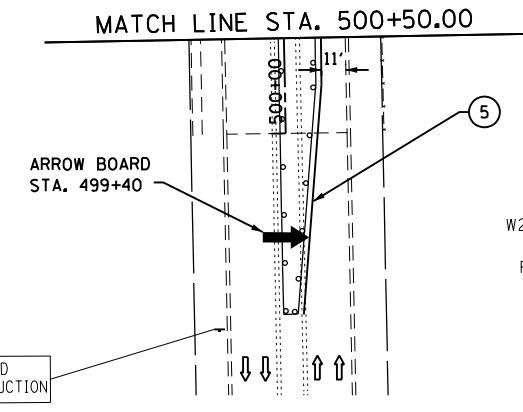
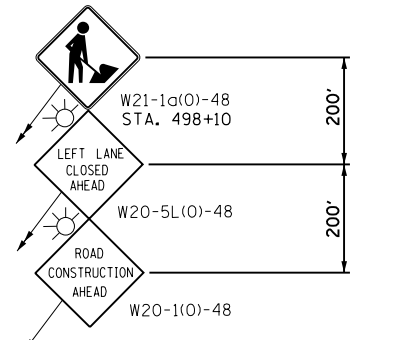
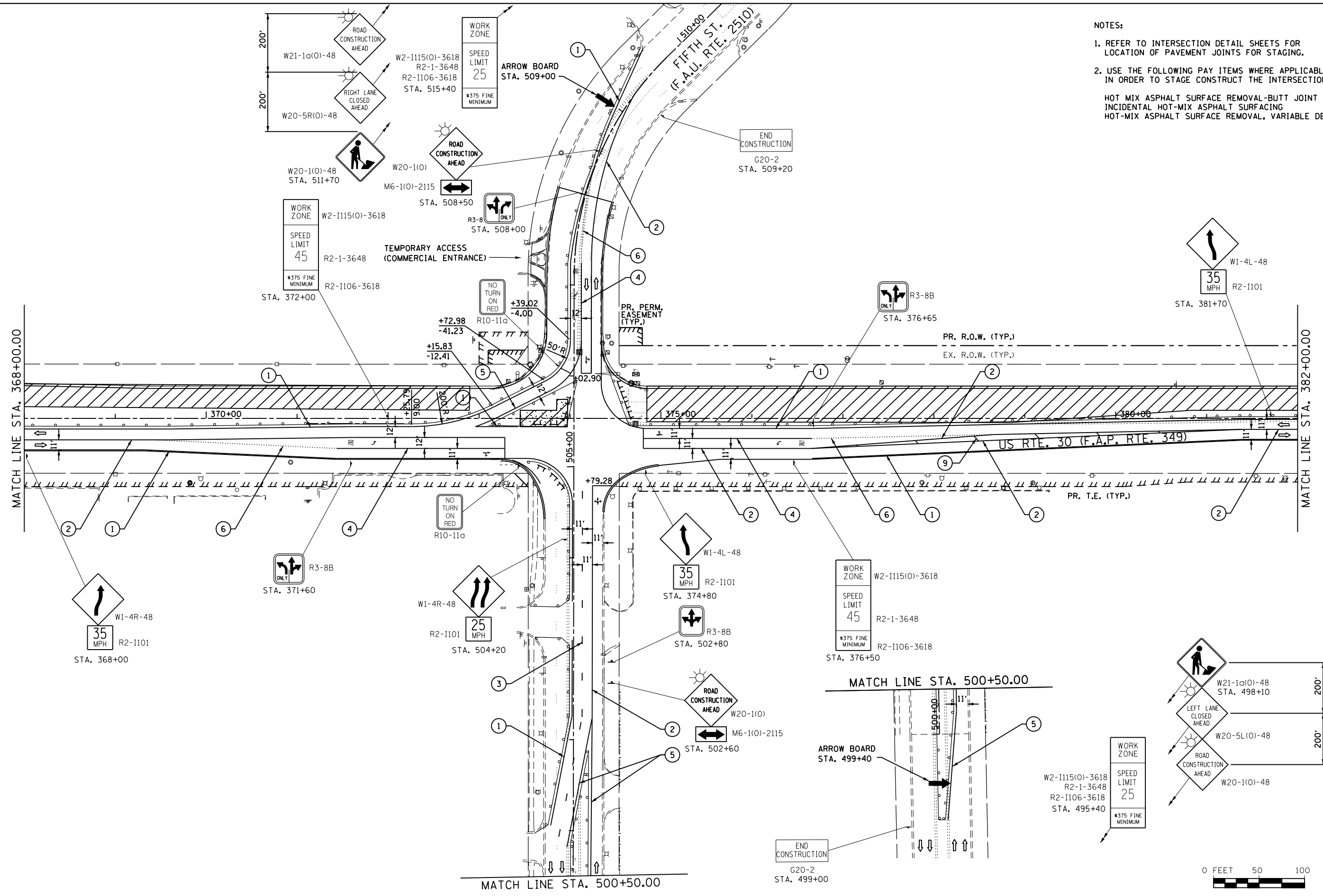
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**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**MAINTENANCE OF TRAFFIC
STAGE 1**
SCALE: AS SHOWN SHEET NO. OF SHEETS STA. 368+00.00 TO STA. 382+00.00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
349	11 WRS-3	KENDALL	527	109
CONTRACT NO. 60132				
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				

- NOTES:
- REFER TO INTERSECTION DETAIL SHEETS FOR LOCATION OF PAVEMENT JOINTS FOR STAGING.
 - USE THE FOLLOWING PAY ITEMS WHERE APPLICABLE IN ORDER TO STAGE CONSTRUCT THE INTERSECTION:
 - HOT MIX ASPHALT SURFACE REMOVAL-BUTT JOINT
 - INCIDENTAL HOT-MIX ASPHALT SURFACING
 - HOT-MIX ASPHALT SURFACE REMOVAL, VARIABLE DEPTH



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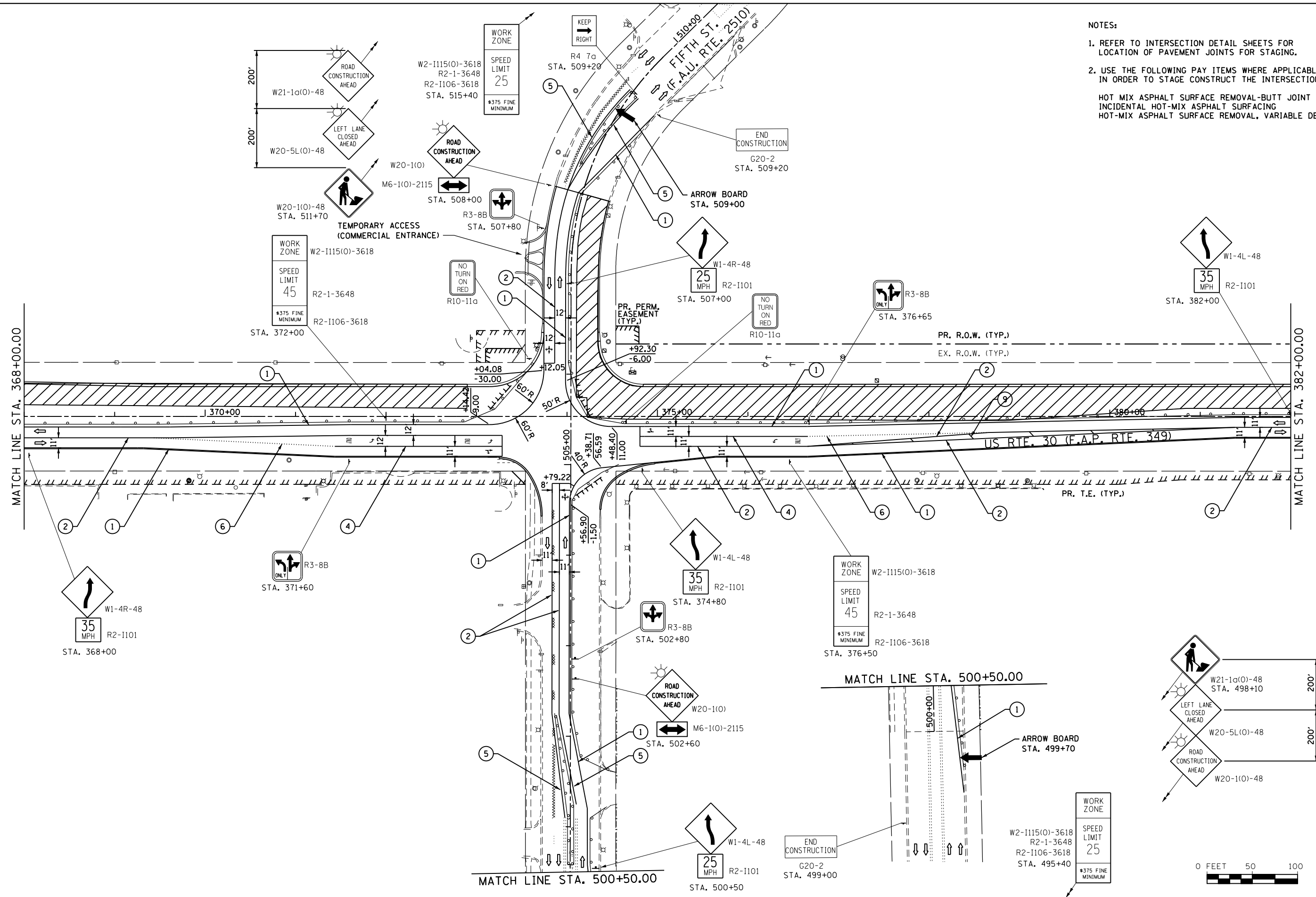
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	DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

MAINTENANCE OF TRAFFIC STAGE 1a			
SCALE: AS SHOWN	SHEET NO.	OF SHEETS	STA. 368+00.00 TO STA. 382+00.00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
349	11 WRS-3	KENDALL	527	110
CONTRACT NO. 60132				
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				

- NOTES:
- REFER TO INTERSECTION DETAIL SHEETS FOR LOCATION OF PAVEMENT JOINTS FOR STAGING.
 - USE THE FOLLOWING PAY ITEMS WHERE APPLICABLE IN ORDER TO STAGE CONSTRUCT THE INTERSECTION:
 - HOT MIX ASPHALT SURFACE REMOVAL-BUTT JOINT
 - INCIDENTAL HOT-MIX ASPHALT SURFACING
 - HOT-MIX ASPHALT SURFACE REMOVAL, VARIABLE DEPTH



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(815) 744-4200

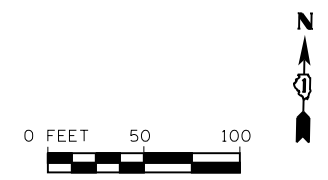
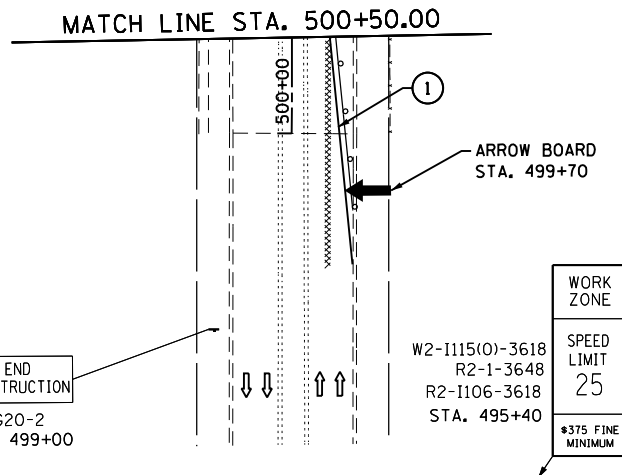
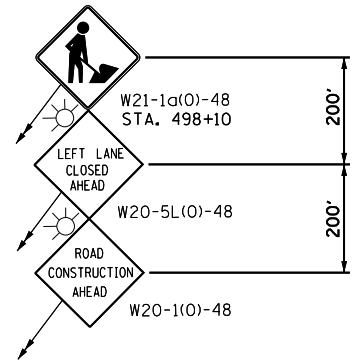
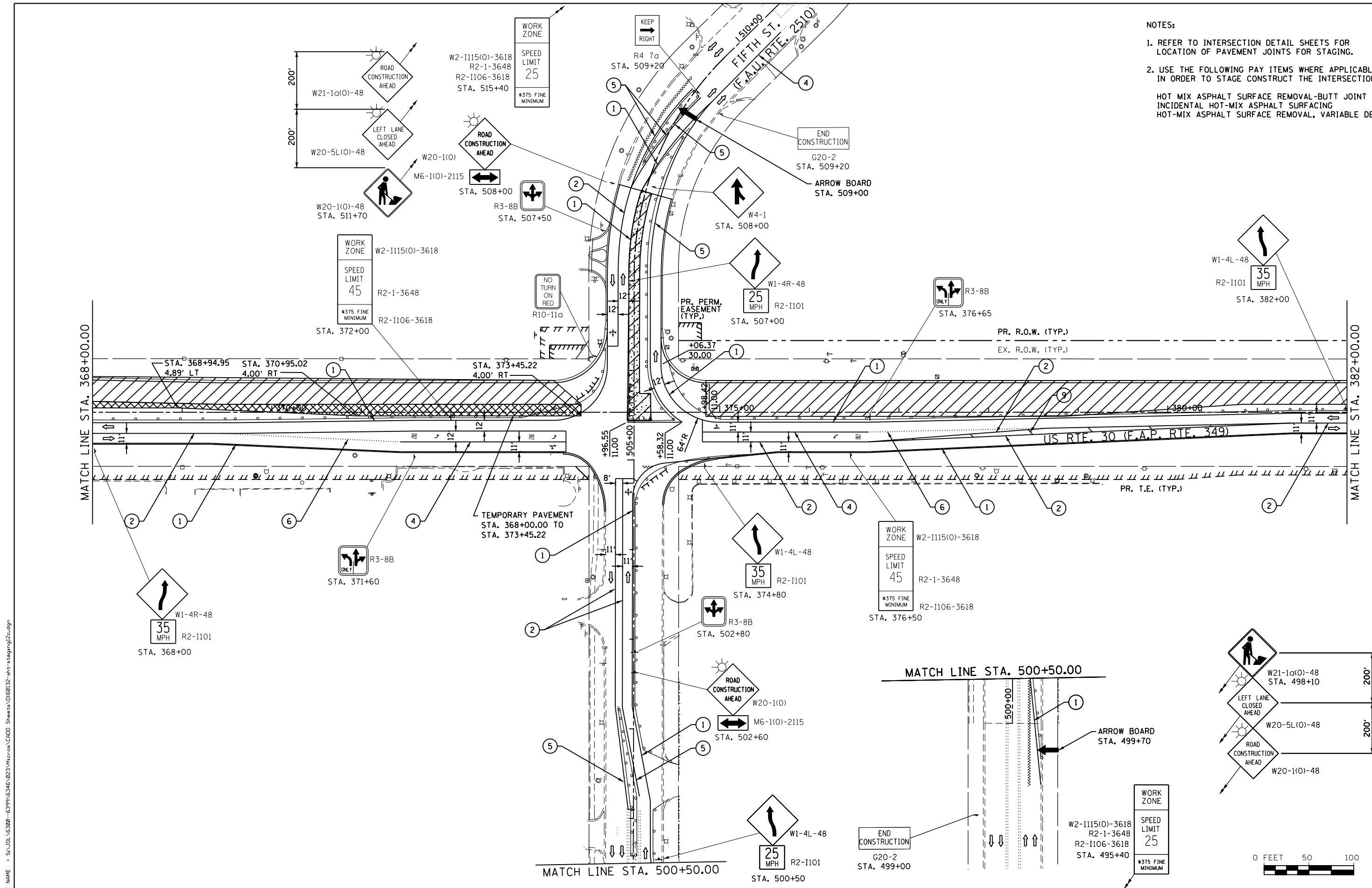
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	DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

MAINTENANCE OF TRAFFIC STAGE 1b	
SCALE: AS SHOWN	SHEET NO. OF SHEETS STA. 368+00.00 TO STA. 382+00.00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
349	11 WRS-3	KENDALL	527	111
CONTRACT NO. 60132				
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				

- NOTES:
- REFER TO INTERSECTION DETAIL SHEETS FOR LOCATION OF PAVEMENT JOINTS FOR STAGING.
 - USE THE FOLLOWING PAY ITEMS WHERE APPLICABLE IN ORDER TO STAGE CONSTRUCT THE INTERSECTION:
 - HOT MIX ASPHALT SURFACE REMOVAL-BUTT JOINT
 - INCIDENTAL HOT-MIX ASPHALT SURFACING
 - HOT-MIX ASPHALT SURFACE REMOVAL, VARIABLE DEPTH



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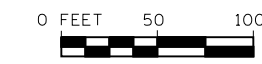
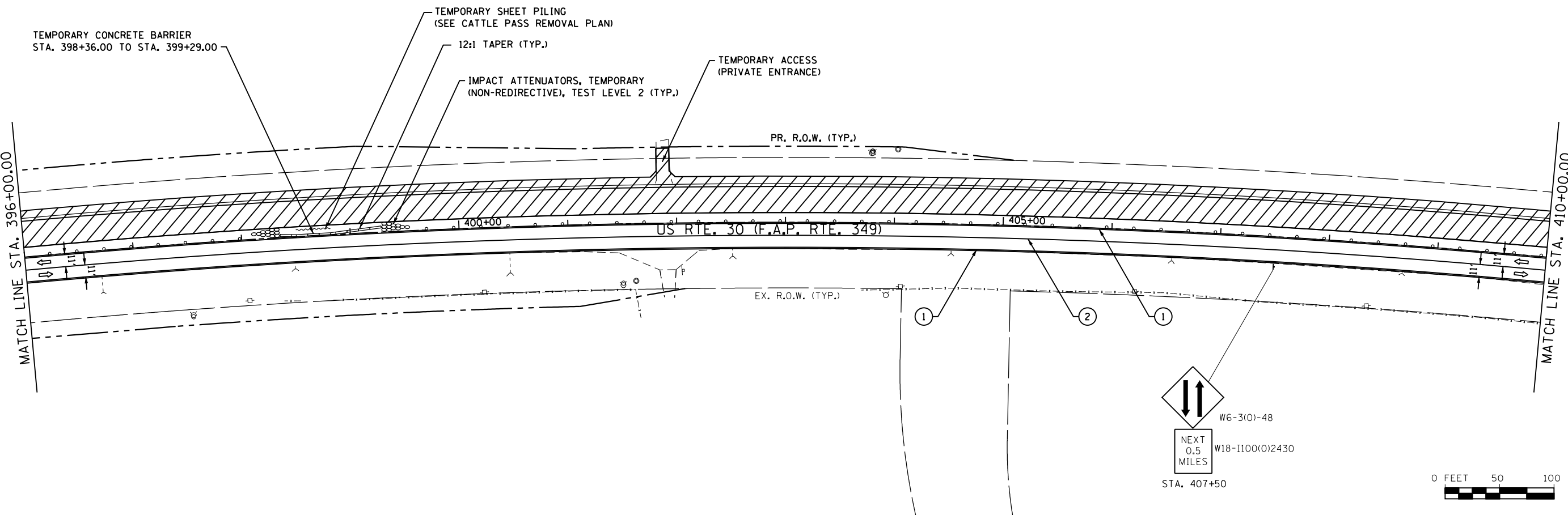
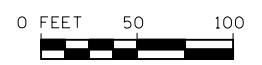
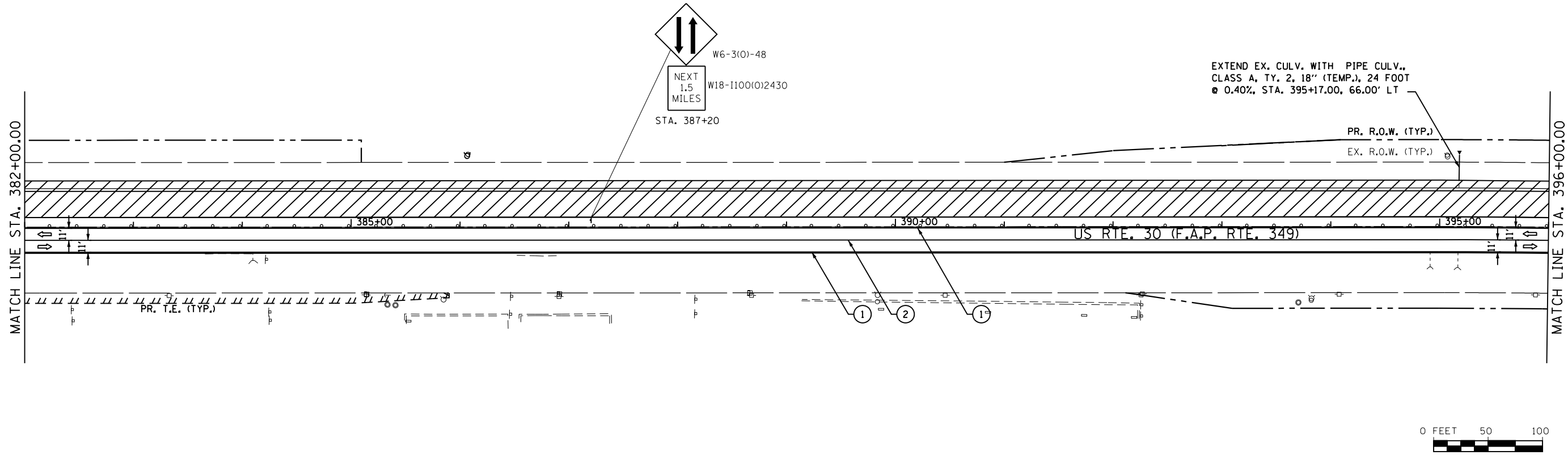


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STATE OF ILLINOIS	MAINTENANCE OF TRAFFIC
DEPARTMENT OF TRANSPORTATION	STAGE 1c

SCALE: AS SHOWN	SHEET NO. OF SHEETS	STA. 368+00.00 TO STA. 382+00.00
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F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
349	11 WRS-3	KENDALL	527	112
CONTRACT NO. 60132				
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				



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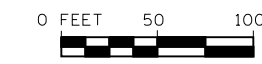
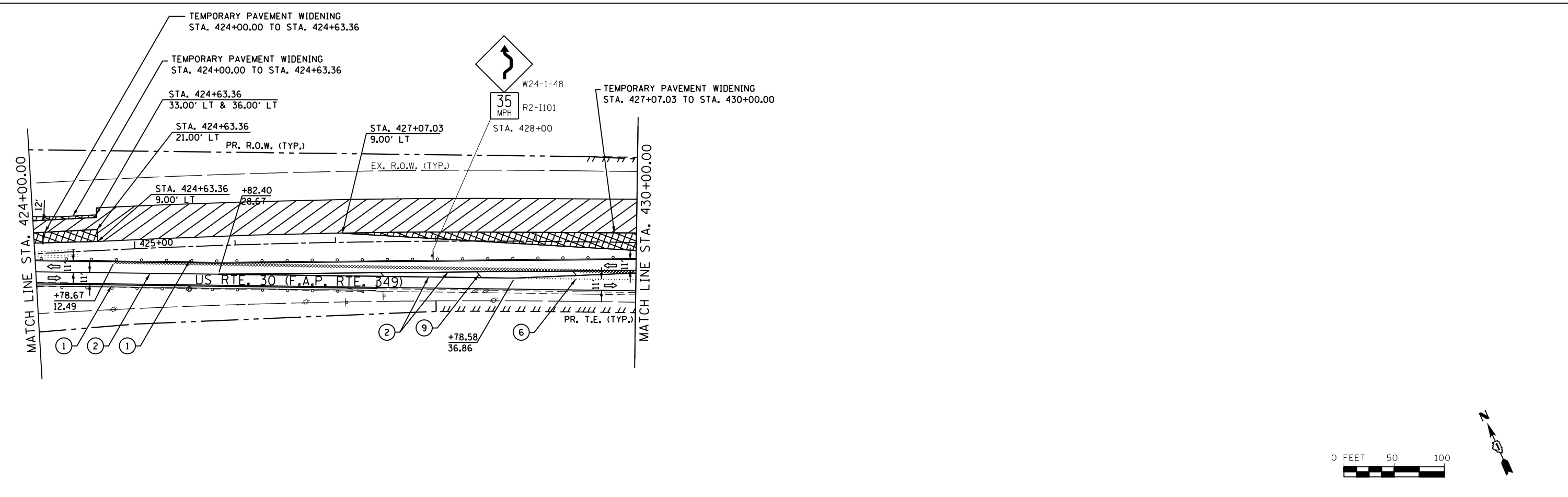
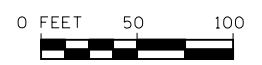
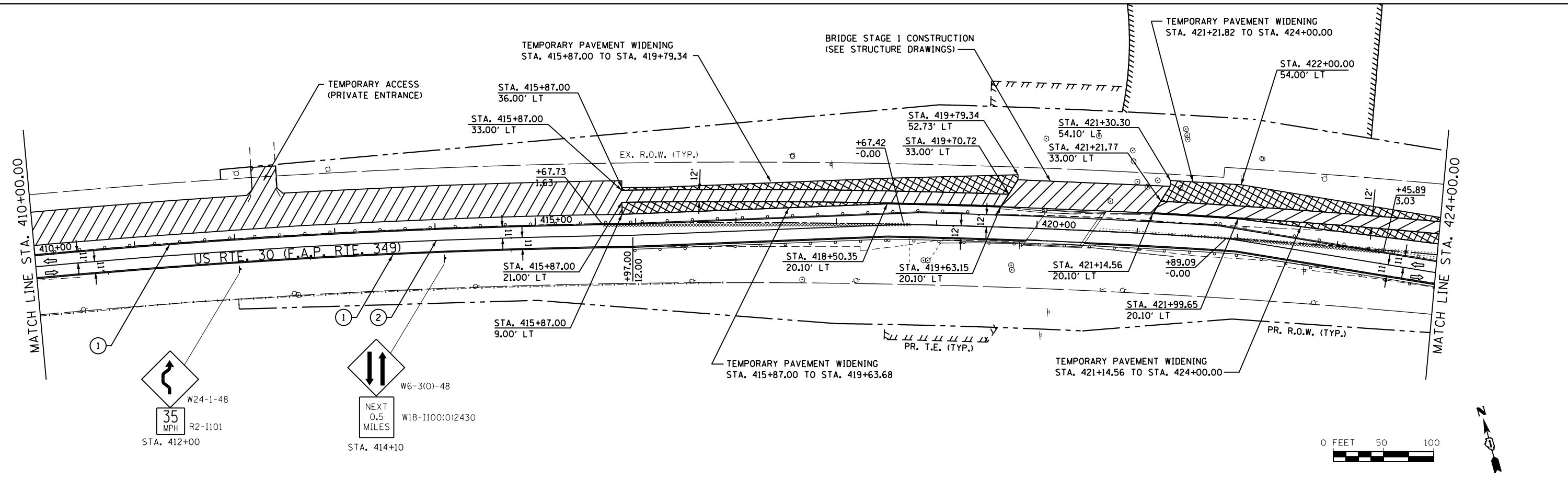


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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

MAINTENANCE OF TRAFFIC STAGE 1			
SCALE:	SHEET NO.	OF SHEETS	STA. 382+00.00 TO STA. 410+00.00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
349	11 WRS-3	KENDALL	527	113
CONTRACT NO. 60132				
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				

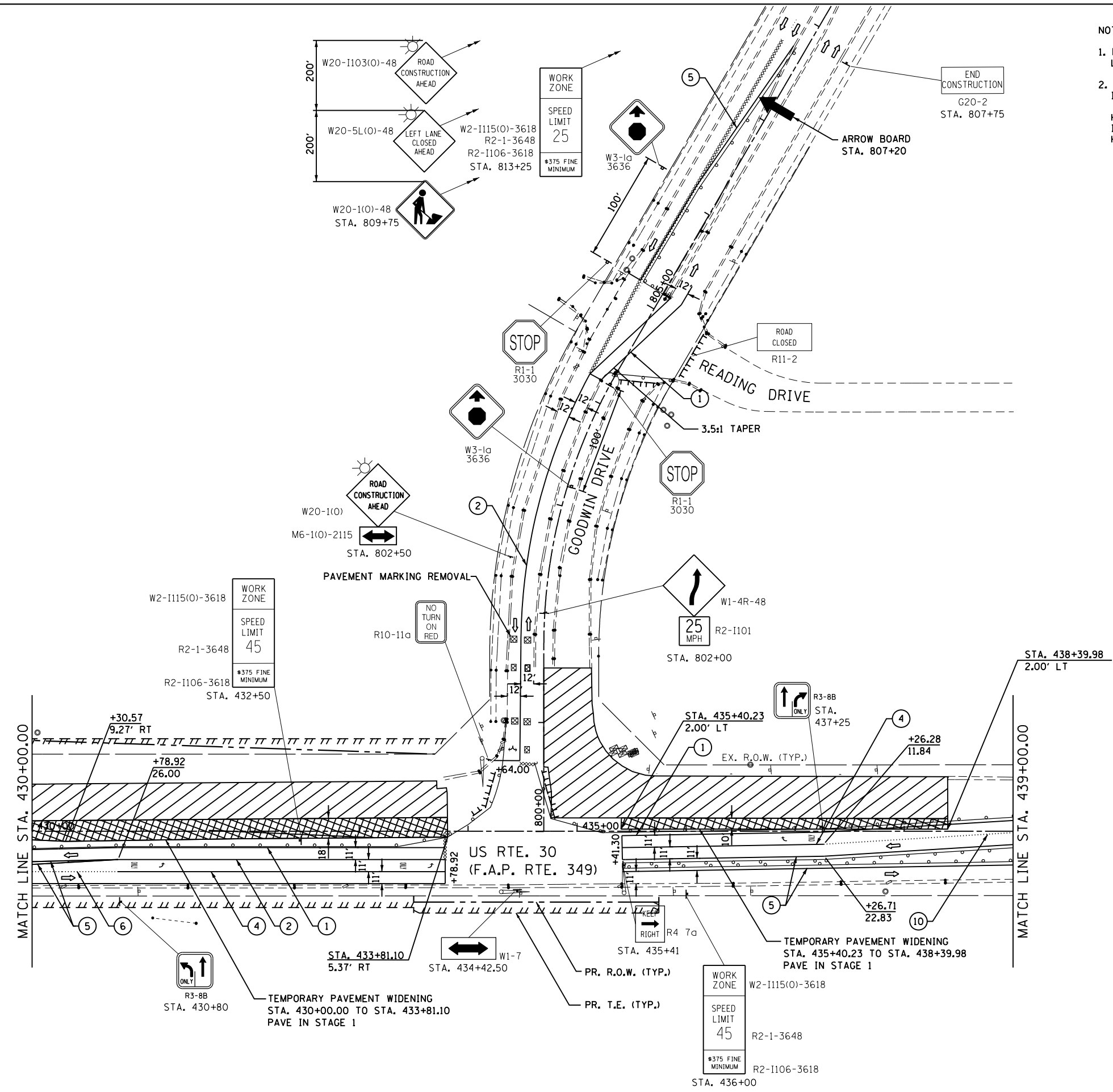


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FILE NAME =	USER NAME = amandaj	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	MAINTENANCE OF TRAFFIC STAGE 1			F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	
st:\joi\6300--6399\6346\023\micro\st\1170sh-t-staging\4.dgn		DRAWN -	REVISED -		SCALE:	SHEET NO.	OF	SHEETS	349	11 WRS-3	KENDALL	527	114
PLOT SCALE = 100.0000' / 1"		CHECKED -	REVISED -		STA. 410+00.00 TO STA. 430+00.00				CONTRACT NO. 60132				
PLOT DATE = 4/26/2012		DATE -	REVISED -		FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT								

- NOTES:
- REFER TO INTERSECTION DETAIL SHEETS FOR LOCATION OF PAVEMENT JOINTS FOR STAGING.
 - USE THE FOLLOWING PAY ITEMS WHERE APPLICABLE IN ORDER TO STAGE CONSTRUCT THE INTERSECTION:
 - HOT MIX ASPHALT SURFACE REMOVAL-BUTT JOINT
 - INCIDENTAL HOT-MIX ASPHALT SURFACING
 - HOT-MIX ASPHALT SURFACE REMOVAL, VARIABLE DEPTH



FILE NAME = S:\JUL16300-6399\6346\023\Micro\CAD Sheets\01680132-sht-staging15.dgn



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(815) 744-4200

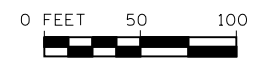
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PLOT DATE = 8/3/2012	CHECKED -	REVISED -
	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

MAINTENANCE OF TRAFFIC
STAGE 1

SCALE: AS SHOWN SHEET NO. OF SHEETS STA. 430+00.00 TO STA. 439+00.00

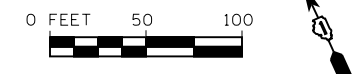
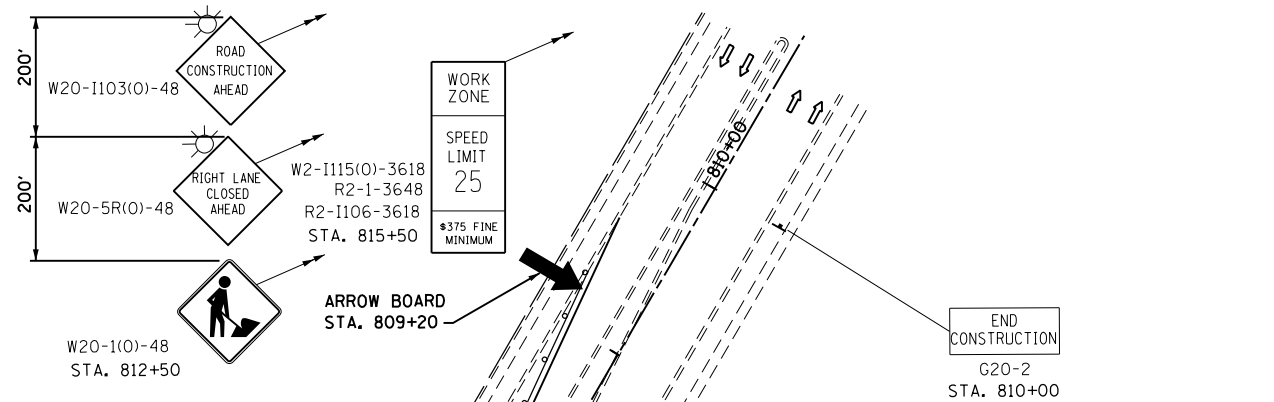
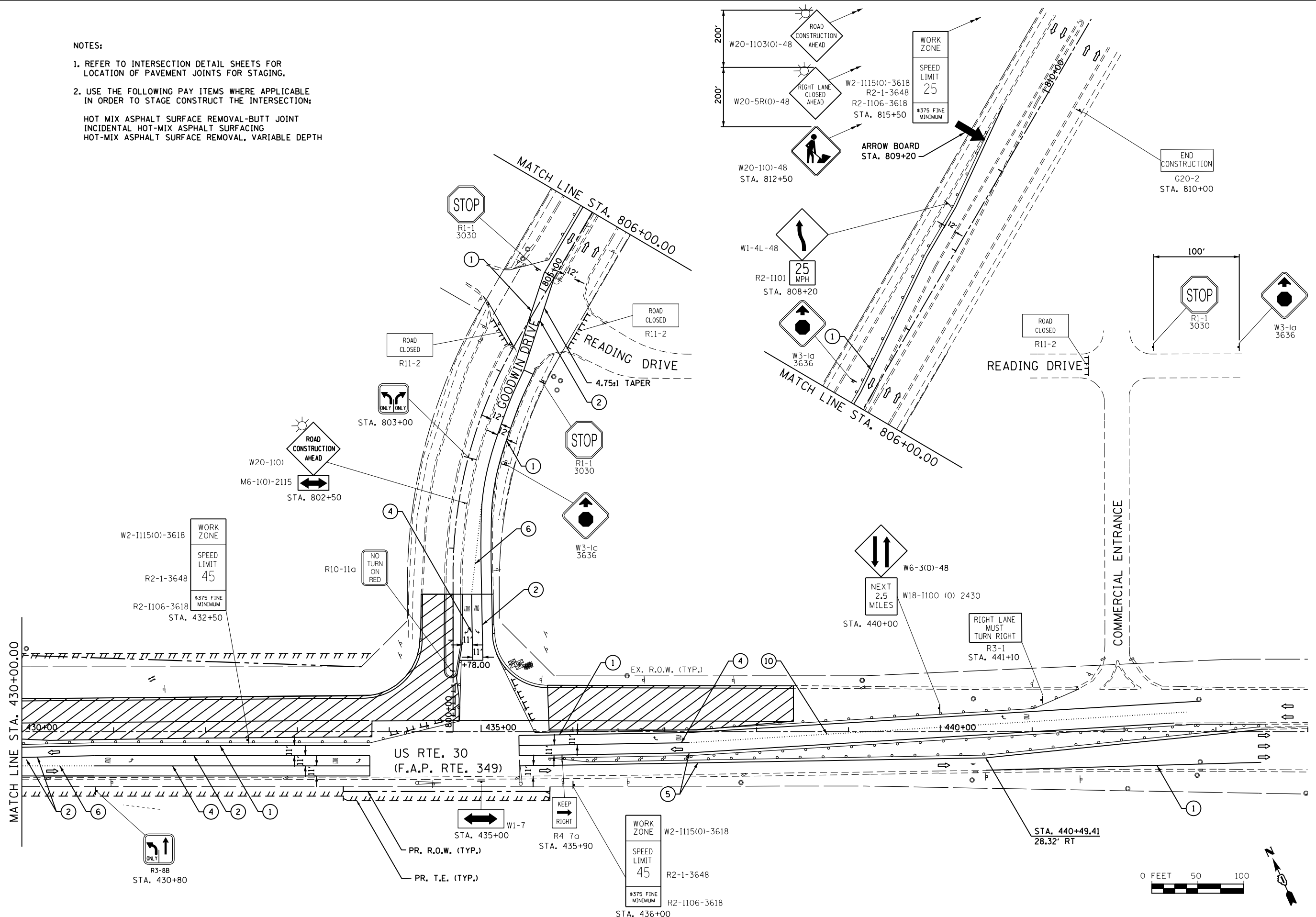
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
349	11 WRS-3	KENDALL	527	115
CONTRACT NO. 60132				
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				



NOTES:

1. REFER TO INTERSECTION DETAIL SHEETS FOR LOCATION OF PAVEMENT JOINTS FOR STAGING.
2. USE THE FOLLOWING PAY ITEMS WHERE APPLICABLE IN ORDER TO STAGE CONSTRUCT THE INTERSECTION:

HOT MIX ASPHALT SURFACE REMOVAL-BUTT JOINT
 INCIDENTAL HOT-MIX ASPHALT SURFACING
 HOT-MIX ASPHALT SURFACE REMOVAL, VARIABLE DEPTH



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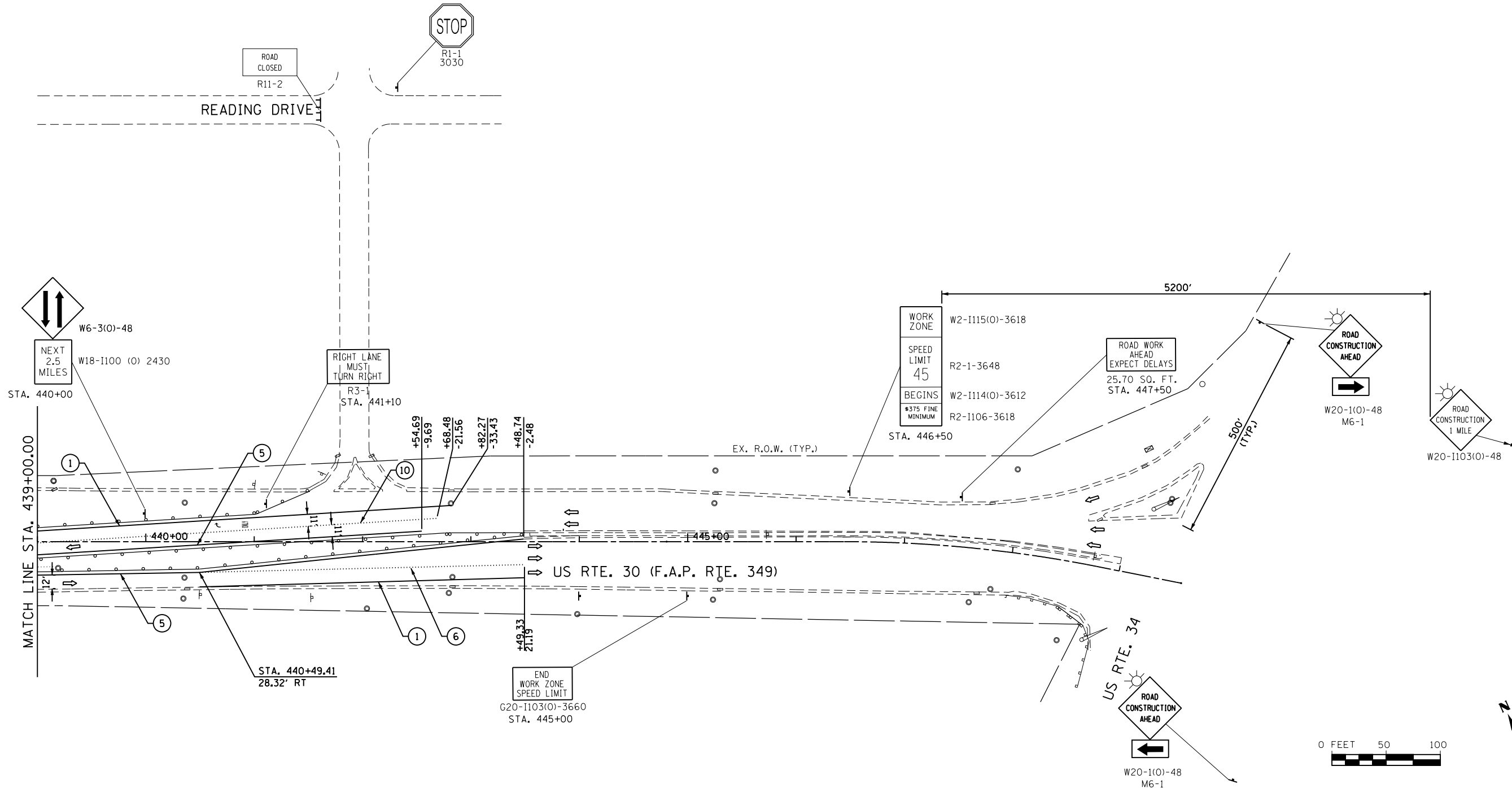
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	DATE -	REVISED -

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

**MAINTENANCE OF TRAFFIC
 STAGE 1a**

SCALE: AS SHOWN SHEET NO. OF SHEETS STA. 430+00.00 TO STA. 439+00.00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
349	11 WRS-3	KENDALL	527	116
CONTRACT NO. 60132				
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				



FILE NAME = S:\JOL\63300-63999\6346-023\Microstation\CADD Sheets\0160132-shr-stagring16.dgn

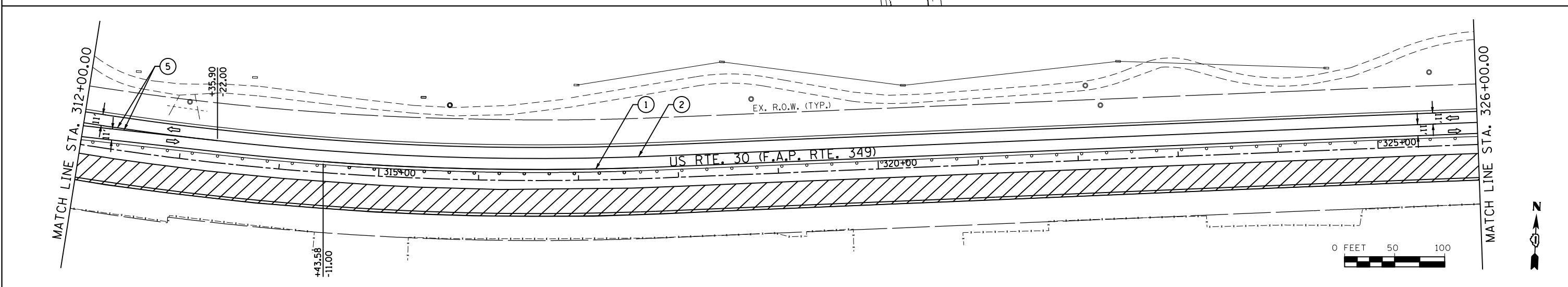
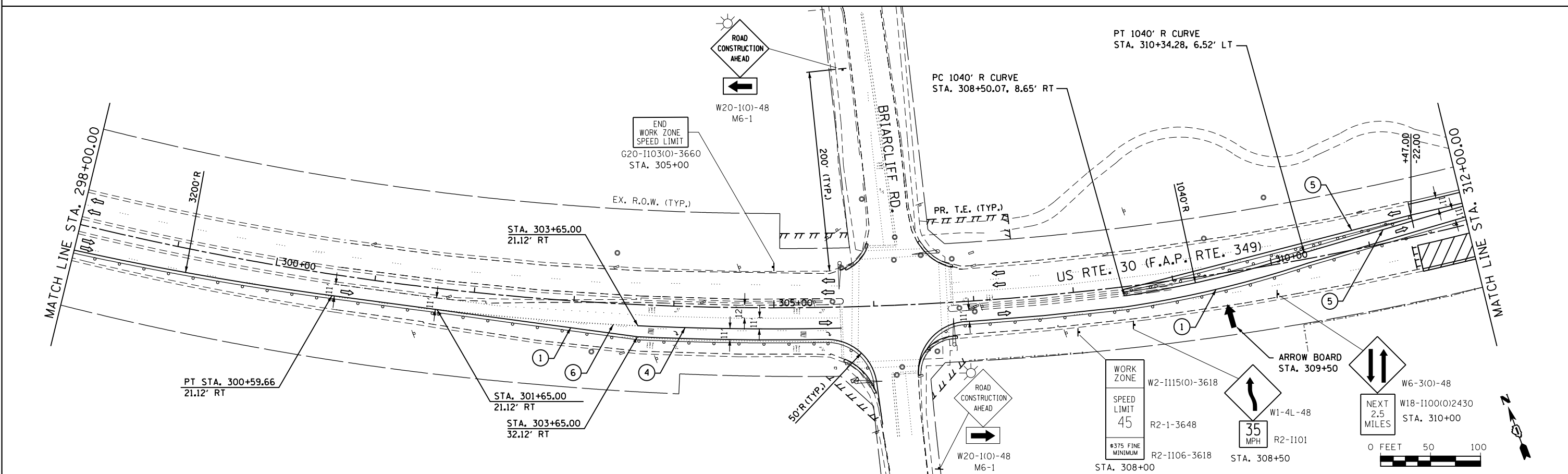
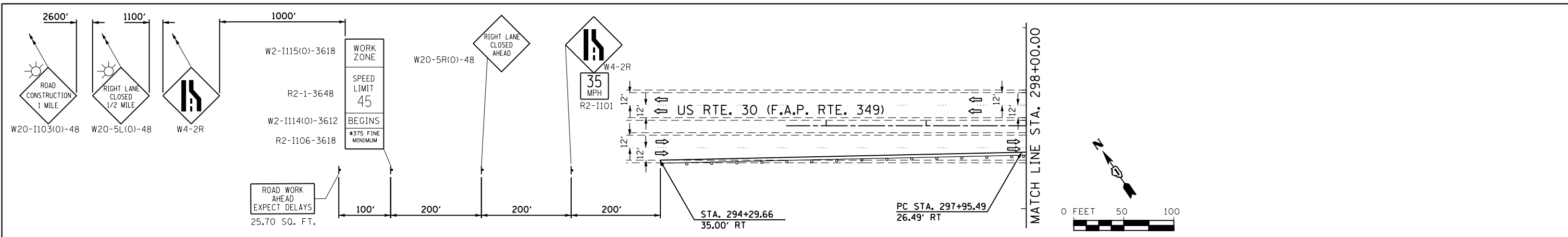
STRAND
ENGINEERS
1170 SOUTH HOUBOLT ROAD
JOLIET, ILLINOIS 60431
(815) 744-4200

USER NAME = amanda.j	DESIGNED -	REVISED -
PLOT SCALE = 100.0000' / in.	DRAWN -	REVISED -
PLOT DATE = 8/1/2012	CHECKED -	REVISED -
	DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

MAINTENANCE OF TRAFFIC STAGE 1			
SCALE: AS SHOWN	SHEET NO.	OF SHEETS	STA. 430+00.00 TO STA. 439+00.00

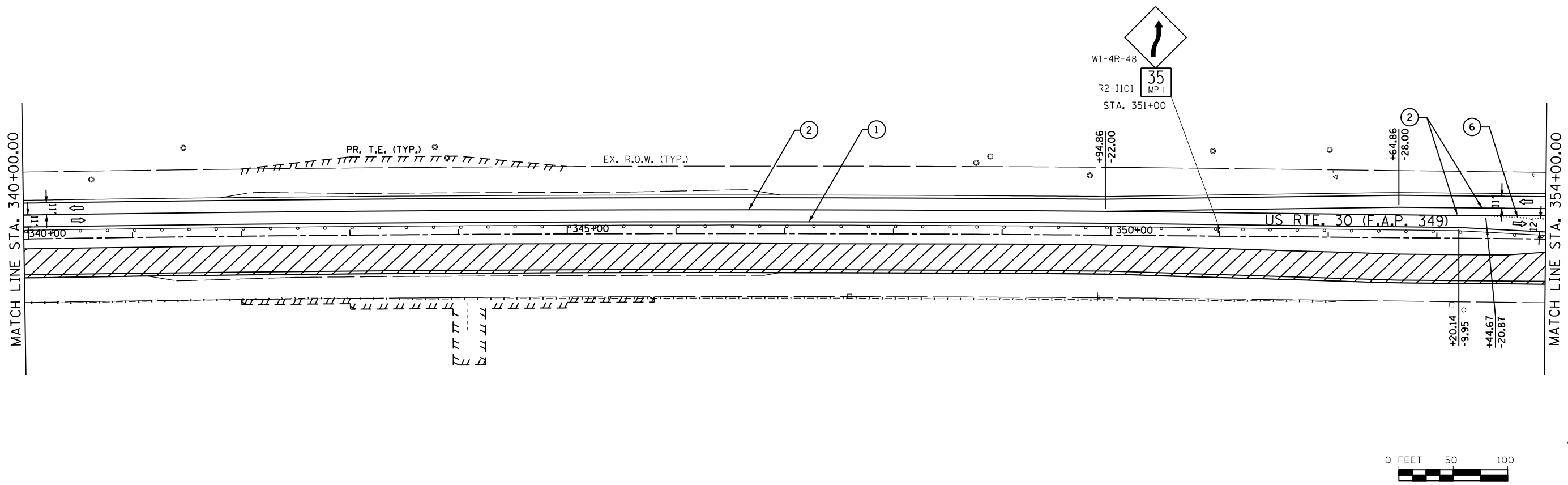
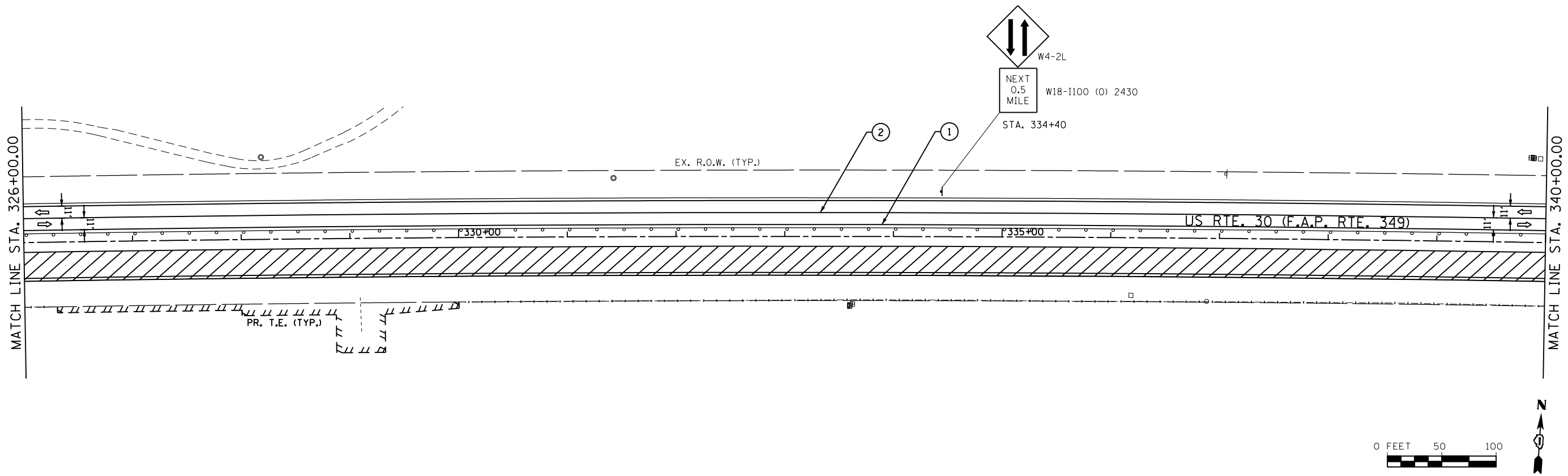
F.A.P. RTE. 349	SECTION 11 WRS-3	COUNTY KENDALL	TOTAL SHEETS 527	SHEET NO. 117
CONTRACT NO. 60132				
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				



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FILE NAME = S:\JOL\6300--6399\6346\023\Micros\CADD	USER NAME = amandaj Sheets\DI60132-shr-staging17.dgn	DESIGNED - DRAWN -	REVISED - REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	MAINTENANCE OF TRAFFIC STAGE 2	F.A.P. RTE. 349	SECTION 11 WRS-3	COUNTY KENDALL	TOTAL SHEETS 527	SHEET NO. 118
PLOT SCALE = 100.0000' / 1" / 1" / 1"		CHECKED -	REVISED -	SCALE: SHEET NO. OF SHEETS STA. 298+00.00 TO STA. 326+00.00			CONTRACT NO. 60132		FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT	
PLOT DATE = 8/1/2012		DATE -	REVISED -							



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FILE NAME =	USER NAME = amandaj	DESIGNED -	REVISED -
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	PLOT DATE = 4/26/2012	DATE -	REVISED -

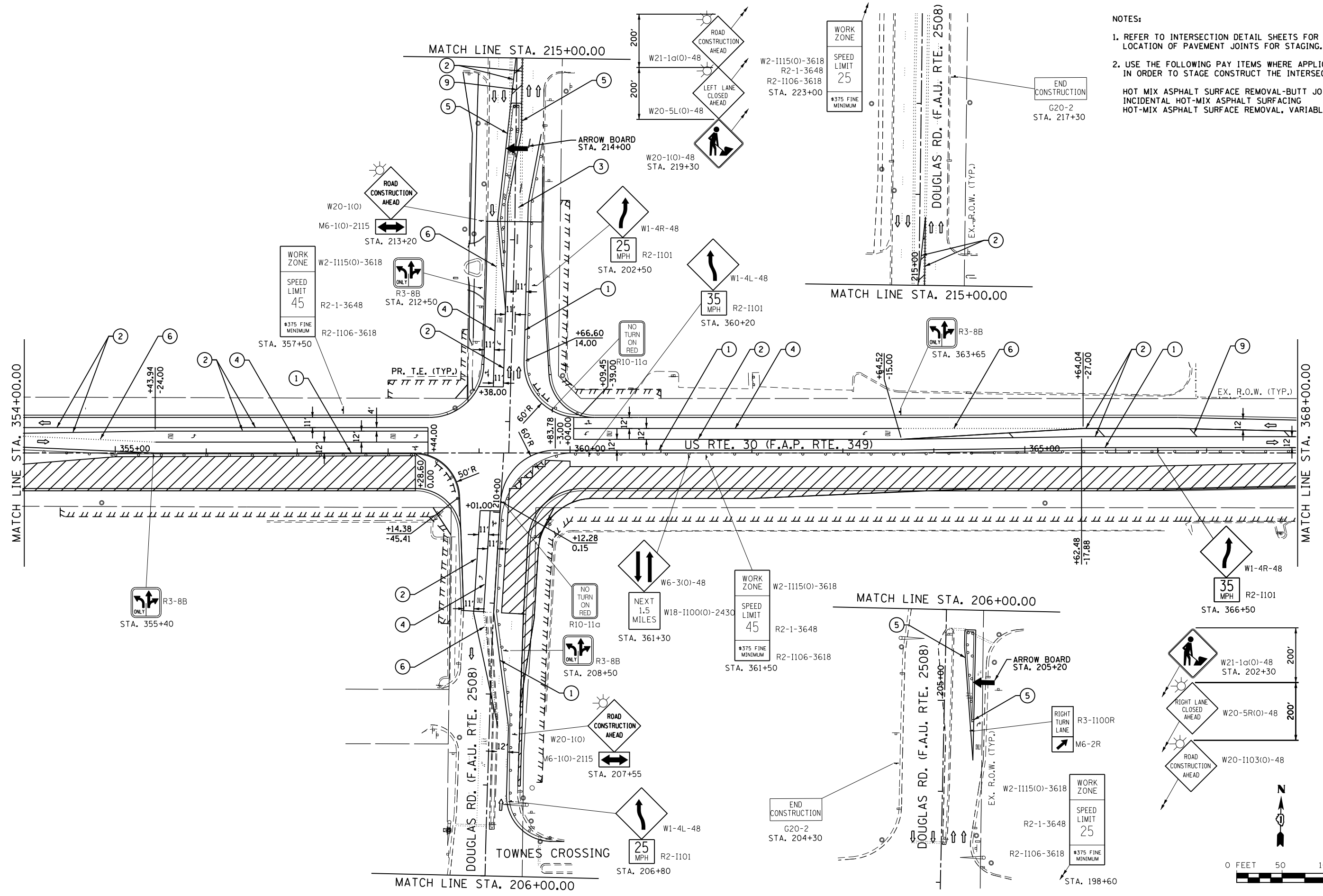
**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**MAINTENANCE OF TRAFFIC
STAGE 2**

SCALE: SHEET NO. OF SHEETS STA. 326+00.00 TO STA. 354+00.00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
349	11 WRS-3	KENDALL	527	119
CONTRACT NO. 60132				
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				

- NOTES:
- REFER TO INTERSECTION DETAIL SHEETS FOR LOCATION OF PAVEMENT JOINTS FOR STAGING.
 - USE THE FOLLOWING PAY ITEMS WHERE APPLICABLE IN ORDER TO STAGE CONSTRUCT THE INTERSECTION:
- HOT MIX ASPHALT SURFACE REMOVAL-BUTT JOINT
 INCIDENTAL HOT-MIX ASPHALT SURFACING
 HOT-MIX ASPHALT SURFACE REMOVAL, VARIABLE DEPTH



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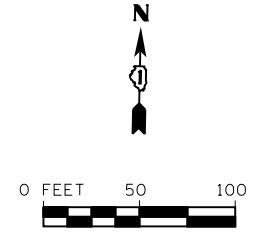
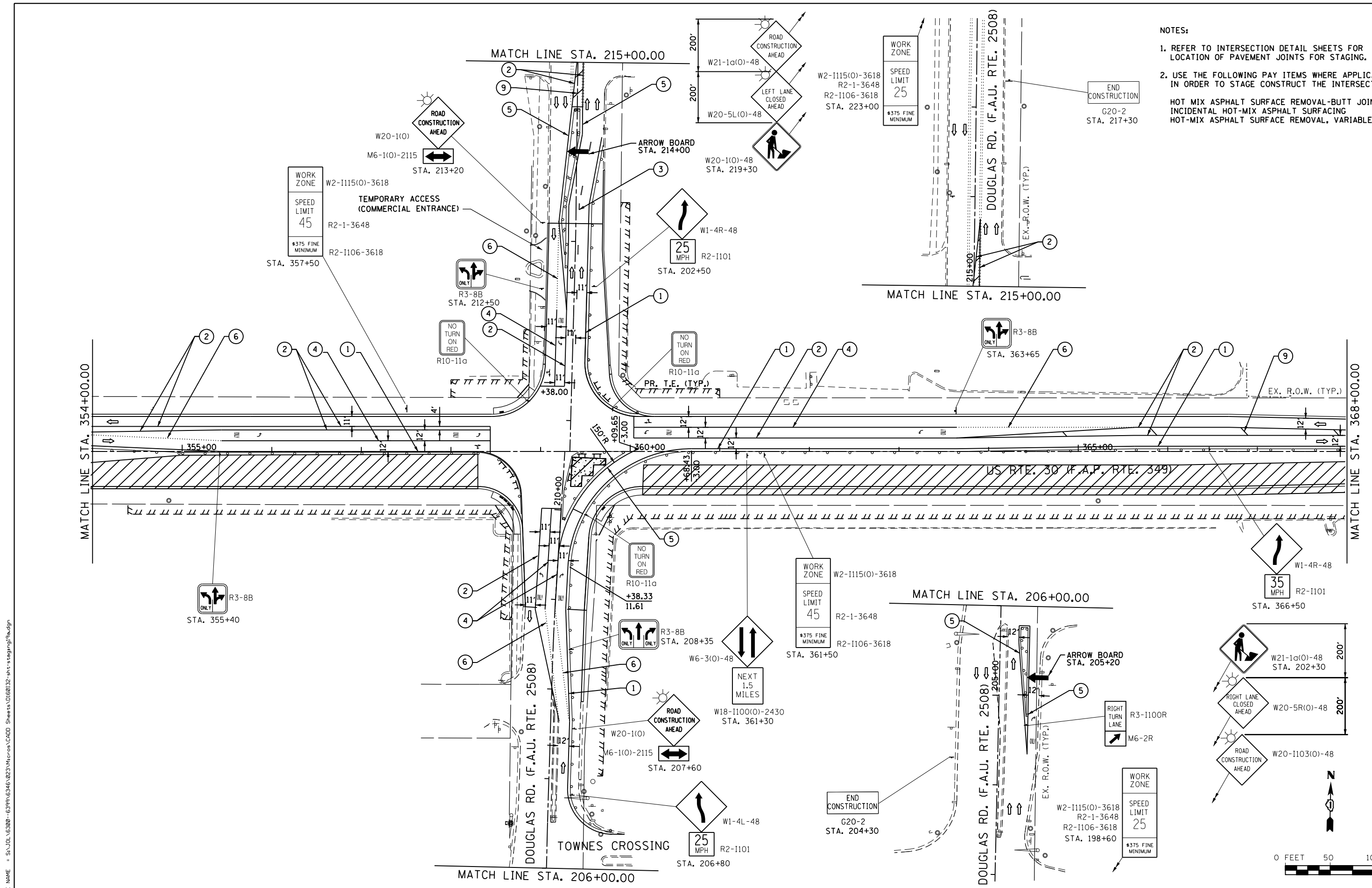
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PLOT SCALE = 100.0000' / 1"	DRAWN -	REVISED -
PLOT DATE = 8/1/2012	CHECKED -	REVISED -
	DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

MAINTENANCE OF TRAFFIC STAGE 2			
SCALE: AS SHOWN	SHEET NO.	OF SHEETS	STA. 354+00.00 TO STA. 368+00.00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
349	11 WRS-3	KENDALL	527	120
CONTRACT NO. 60132				
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				

- NOTES:
- REFER TO INTERSECTION DETAIL SHEETS FOR LOCATION OF PAVEMENT JOINTS FOR STAGING.
 - USE THE FOLLOWING PAY ITEMS WHERE APPLICABLE IN ORDER TO STAGE CONSTRUCT THE INTERSECTION:
 - HOT MIX ASPHALT SURFACE REMOVAL-BUTT JOINT
 - INCIDENTAL HOT-MIX ASPHALT SURFACING
 - HOT-MIX ASPHALT SURFACE REMOVAL, VARIABLE DEPTH



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PLOT SCALE = 100.0000' / 1"	DRAWN -	REVISED -
PLOT DATE = 8/1/2012	CHECKED -	REVISED -
	DATE -	REVISED -

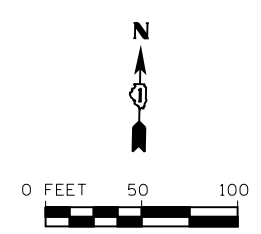
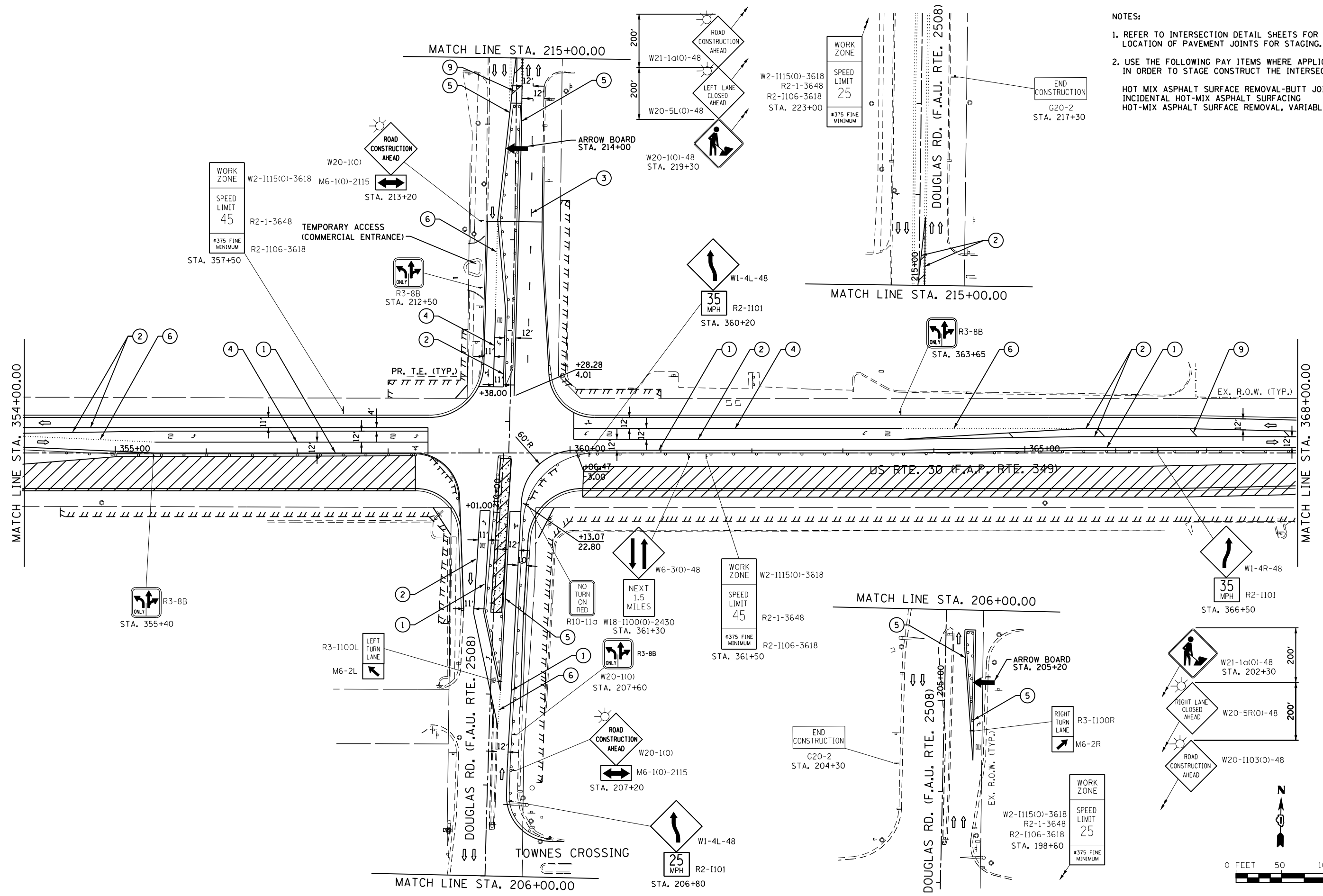
**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

**MAINTENANCE OF TRAFFIC
 STAGE 2a**

SCALE: AS SHOWN SHEET NO. OF SHEETS STA. 354+00.00 TO STA. 368+00.00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
349	11 WRS-3	KENDALL	527	121
CONTRACT NO. 60132				
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				

- NOTES:
- REFER TO INTERSECTION DETAIL SHEETS FOR LOCATION OF PAVEMENT JOINTS FOR STAGING.
 - USE THE FOLLOWING PAY ITEMS WHERE APPLICABLE IN ORDER TO STAGE CONSTRUCT THE INTERSECTION:
 - HOT MIX ASPHALT SURFACE REMOVAL-BUTT JOINT
 - INCIDENTAL HOT-MIX ASPHALT SURFACING
 - HOT-MIX ASPHALT SURFACE REMOVAL, VARIABLE DEPTH



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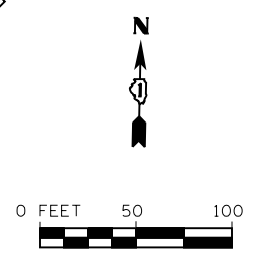
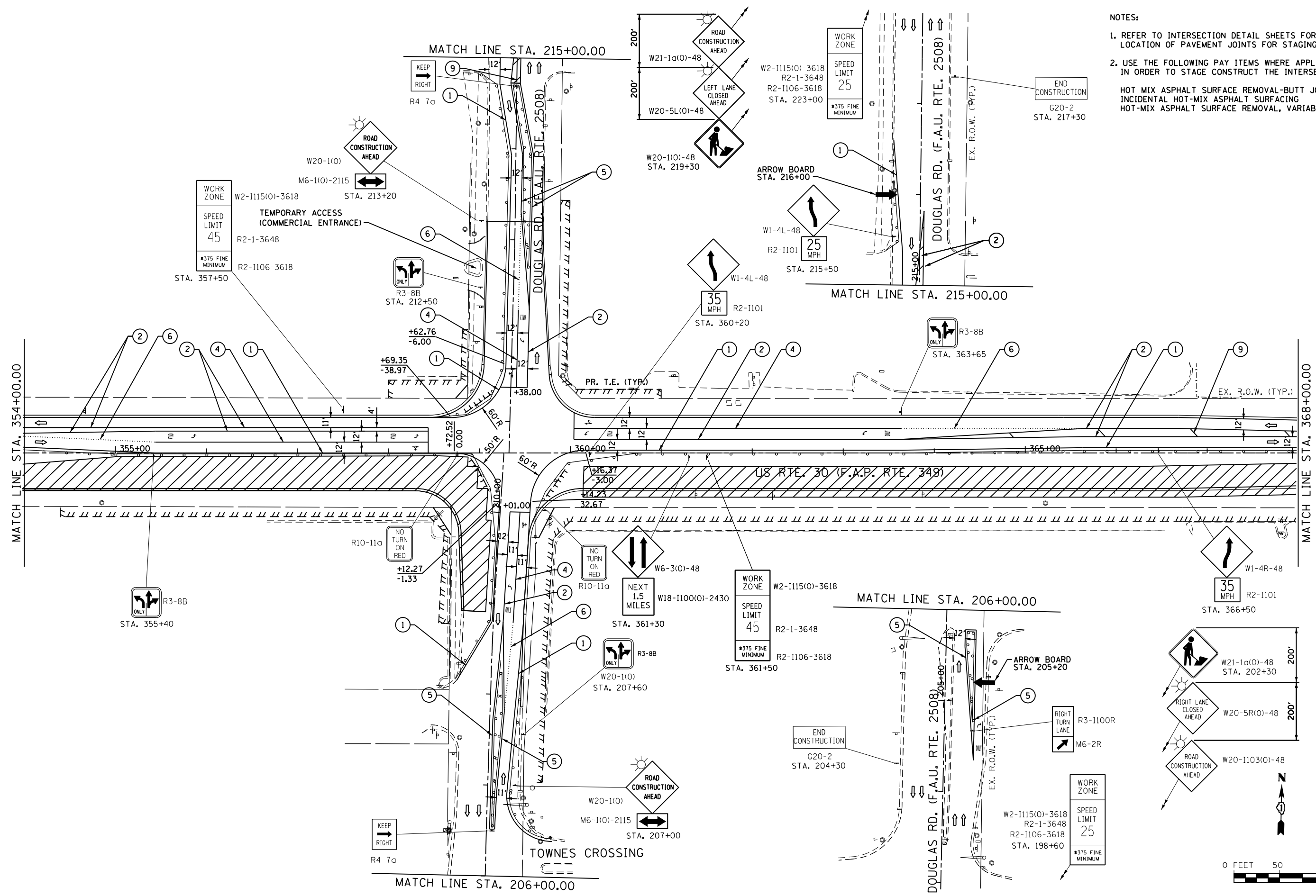
**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**MAINTENANCE OF TRAFFIC
STAGE 2b**

SCALE: AS SHOWN SHEET NO. OF SHEETS STA. 354+00.00 TO STA. 368+00.00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
349	11 WRS-3	KENDALL	527	122
CONTRACT NO. 60132				
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				

- NOTES:
- REFER TO INTERSECTION DETAIL SHEETS FOR LOCATION OF PAVEMENT JOINTS FOR STAGING.
 - USE THE FOLLOWING PAY ITEMS WHERE APPLICABLE IN ORDER TO STAGE CONSTRUCT THE INTERSECTION:
 - HOT MIX ASPHALT SURFACE REMOVAL-BUTT JOINT
 - INCIDENTAL HOT-MIX ASPHALT SURFACING
 - HOT-MIX ASPHALT SURFACE REMOVAL, VARIABLE DEPTH



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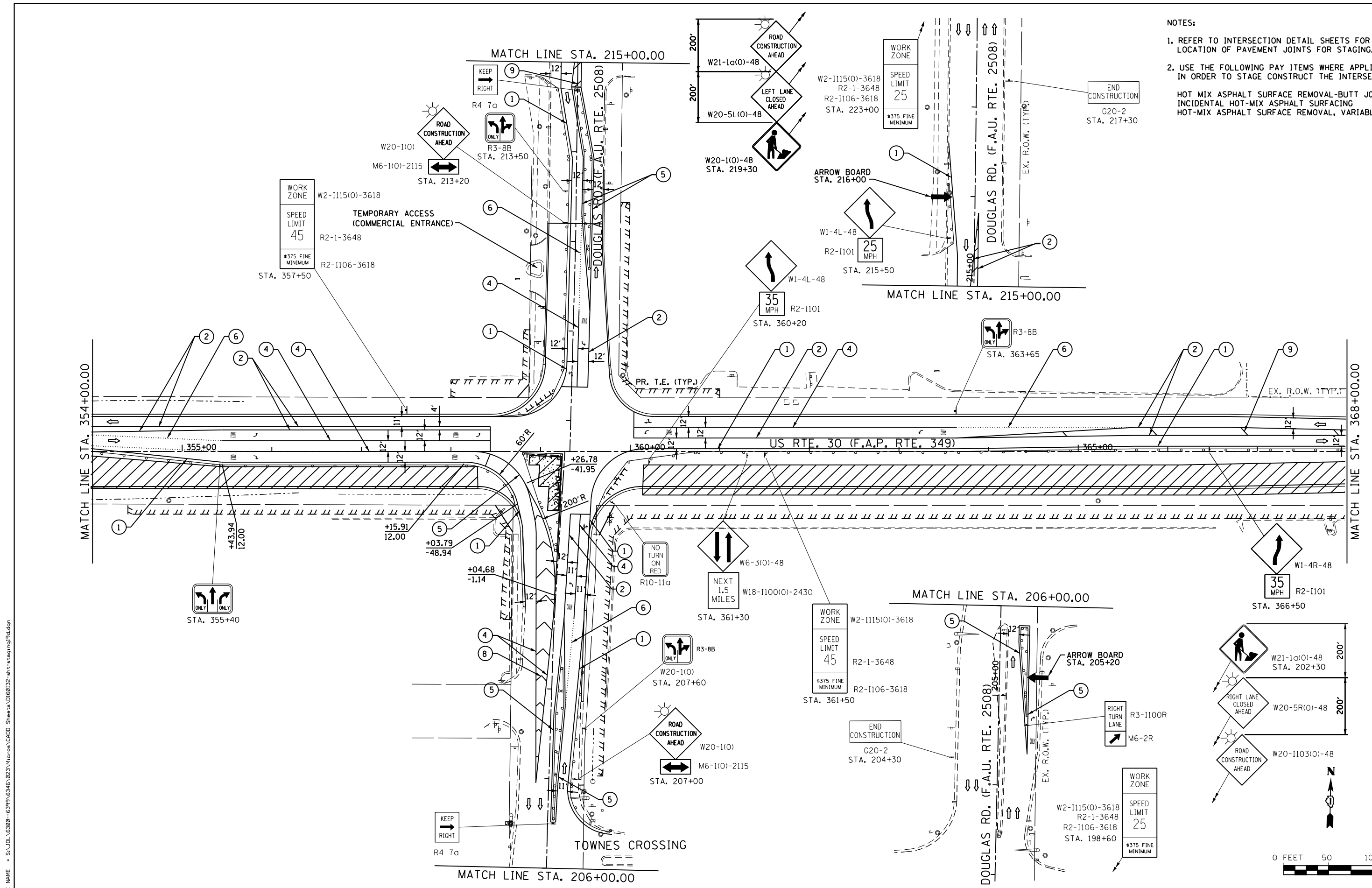
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	DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

MAINTENANCE OF TRAFFIC STAGE 2c	
SCALE: AS SHOWN	SHEET NO. OF SHEETS
STA. 354+00.00 TO STA. 368+00.00	

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
349	11 WRS-3	KENDALL	527	123
CONTRACT NO. 60132				
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				

- NOTES:**
1. REFER TO INTERSECTION DETAIL SHEETS FOR LOCATION OF PAVEMENT JOINTS FOR STAGING.
 2. USE THE FOLLOWING PAY ITEMS WHERE APPLICABLE IN ORDER TO STAGE CONSTRUCT THE INTERSECTION:
 - HOT MIX ASPHALT SURFACE REMOVAL-BUTT JOINT
 - INCIDENTAL HOT-MIX ASPHALT SURFACING
 - HOT-MIX ASPHALT SURFACE REMOVAL, VARIABLE DEPTH



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PLOT DATE = 8/1/2012	CHECKED -	REVISED -
	DATE -	REVISED -

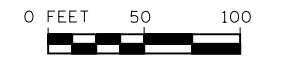
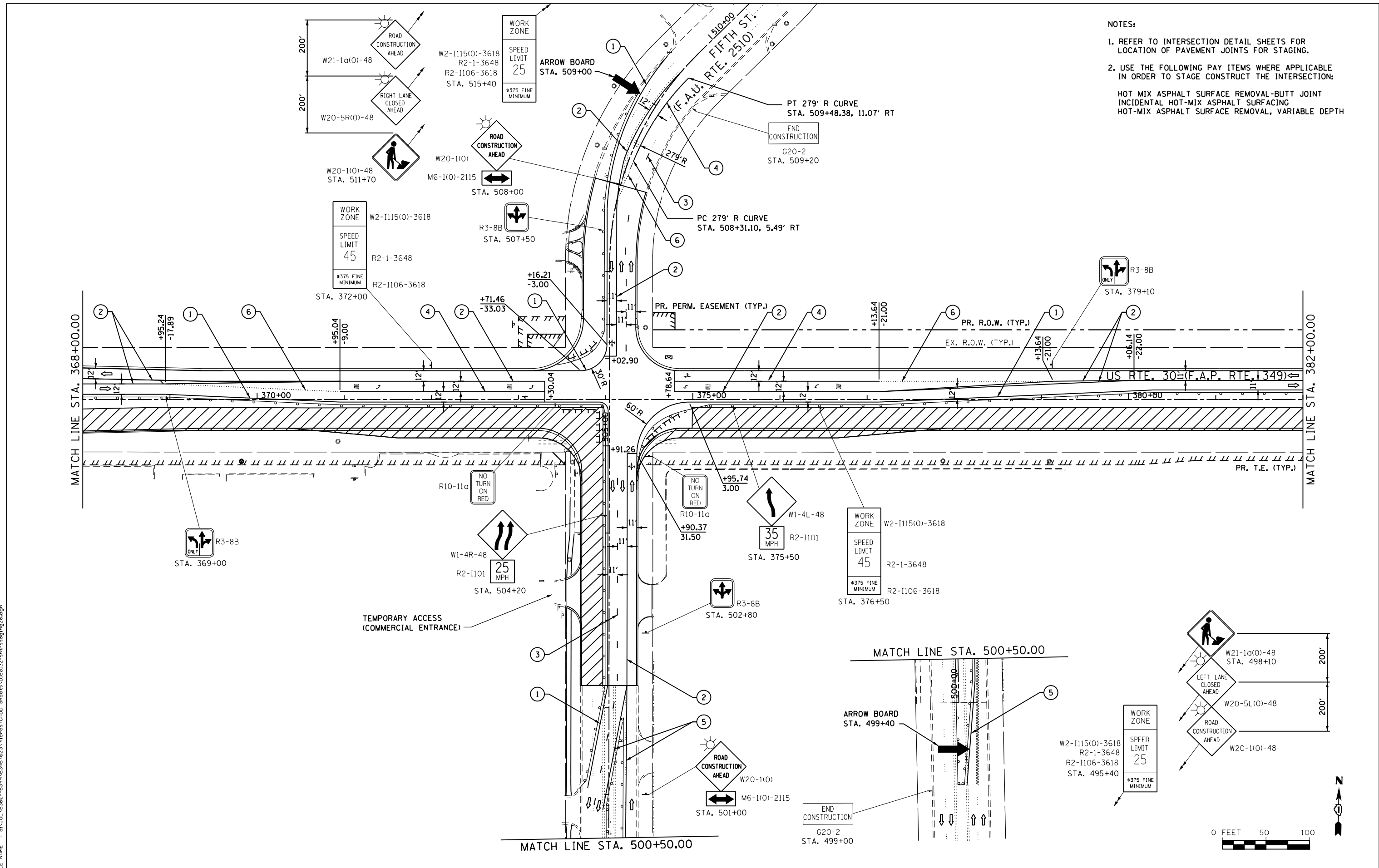
**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**MAINTENANCE OF TRAFFIC
STAGE 2d**

SCALE: AS SHOWN SHEET NO. OF SHEETS STA. 354+00.00 TO STA. 368+00.00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
349	11 WRS-3	KENDALL	527	124
CONTRACT NO. 60132				
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				

- NOTES:**
- REFER TO INTERSECTION DETAIL SHEETS FOR LOCATION OF PAVEMENT JOINTS FOR STAGING.
 - USE THE FOLLOWING PAY ITEMS WHERE APPLICABLE IN ORDER TO STAGE CONSTRUCT THE INTERSECTION:
 - HOT MIX ASPHALT SURFACE REMOVAL-BUTT JOINT
 - INCIDENTAL HOT-MIX ASPHALT SURFACING
 - HOT-MIX ASPHALT SURFACE REMOVAL, VARIABLE DEPTH



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 JOLIET, ILLINOIS 60431
 (815) 744-4200

USER NAME = amanda.j	DESIGNED -	REVISED -
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PLOT DATE = 8/1/2012	CHECKED -	REVISED -
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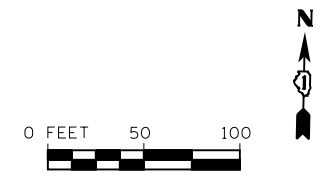
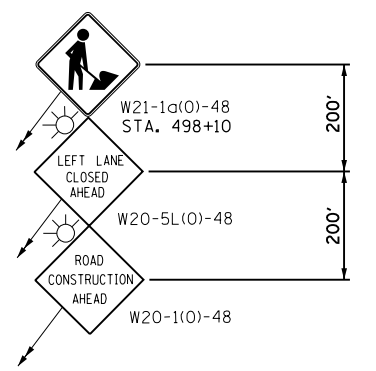
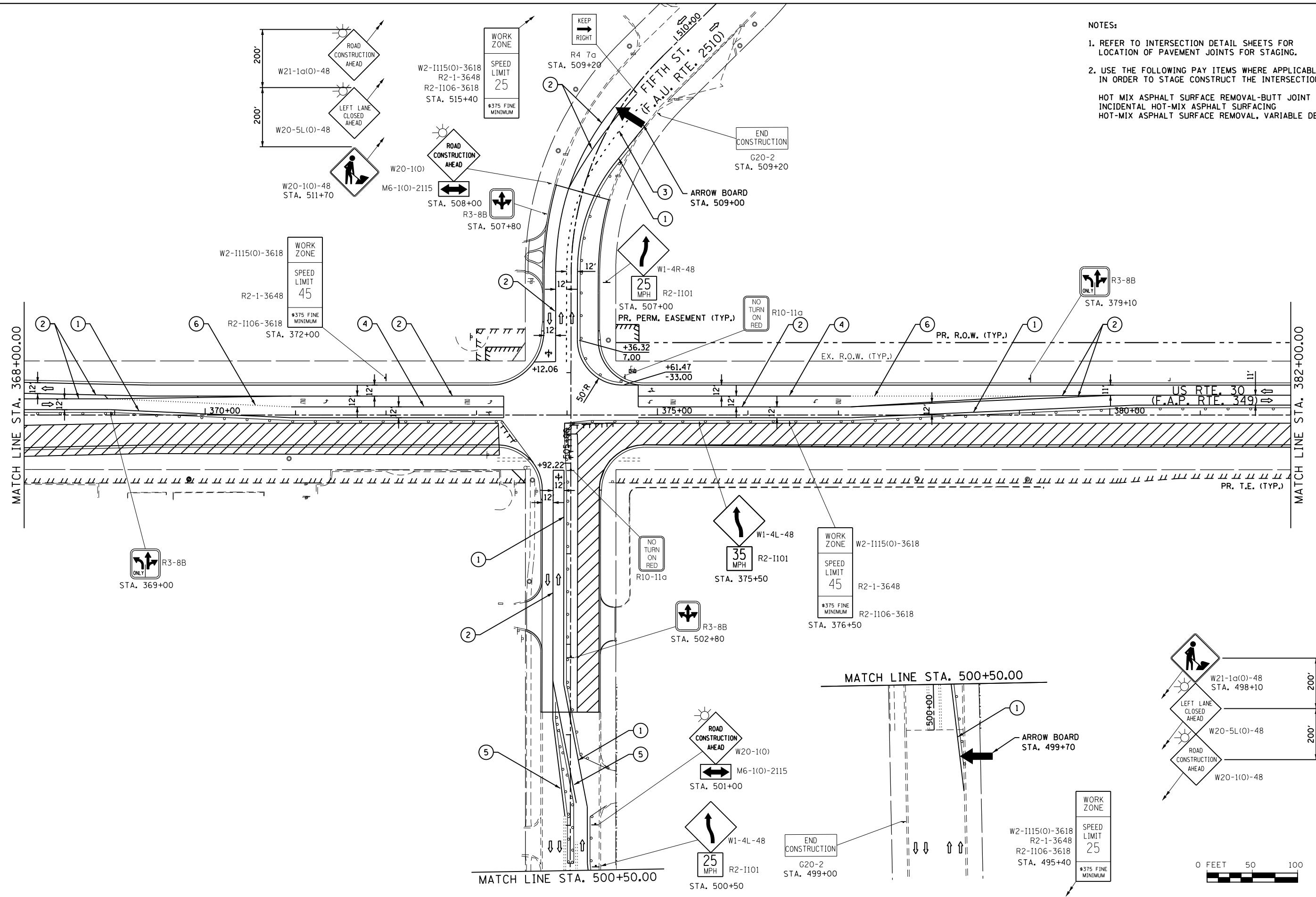
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DATE -	REVISED -

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

MAINTENANCE OF TRAFFIC STAGE 2	
SCALE: AS SHOWN	SHEET NO. OF SHEETS STA. 368+00.00 TO STA. 382+00.00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
349	11 WRS-3	KENDALL	527	125
CONTRACT NO. 60132				
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				

- NOTES:**
- REFER TO INTERSECTION DETAIL SHEETS FOR LOCATION OF PAVEMENT JOINTS FOR STAGING.
 - USE THE FOLLOWING PAY ITEMS WHERE APPLICABLE IN ORDER TO STAGE CONSTRUCT THE INTERSECTION:
 - HOT MIX ASPHALT SURFACE REMOVAL-BUTT JOINT
 - INCIDENTAL HOT-MIX ASPHALT SURFACING
 - HOT-MIX ASPHALT SURFACE REMOVAL, VARIABLE DEPTH



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USER NAME = amandaj
 DESIGNED -
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 CHECKED -
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 PLOT DATE = 8/1/2012

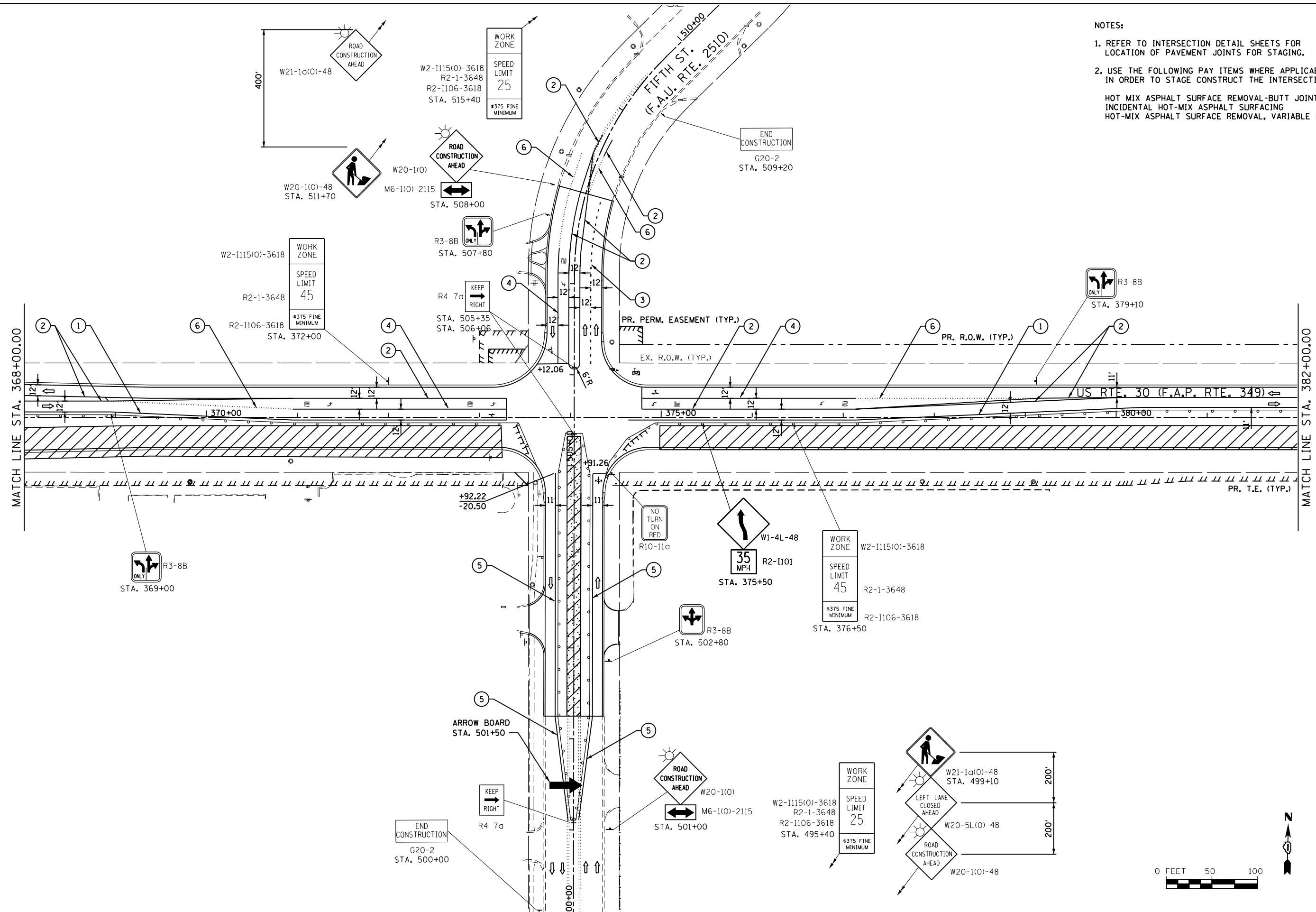
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**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

**MAINTENANCE OF TRAFFIC
 STAGE 2a**
 SCALE: AS SHOWN SHEET NO. OF SHEETS STA. 368+00.00 TO STA. 382+00.00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
349	11 WRS-3	KENDALL	527	126
CONTRACT NO. 60132				
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				

- NOTES:
- REFER TO INTERSECTION DETAIL SHEETS FOR LOCATION OF PAVEMENT JOINTS FOR STAGING.
 - USE THE FOLLOWING PAY ITEMS WHERE APPLICABLE IN ORDER TO STAGE CONSTRUCT THE INTERSECTION:
 - HOT MIX ASPHALT SURFACE REMOVAL-BUTT JOINT
 - INCIDENTAL HOT-MIX ASPHALT SURFACING
 - HOT-MIX ASPHALT SURFACE REMOVAL, VARIABLE DEPTH



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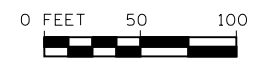
STRAND
ENGINEERS
1170 SOUTH HOUBOLT ROAD
JOLIET, ILLINOIS 60431
(815) 744-4200

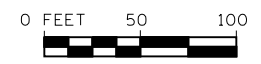
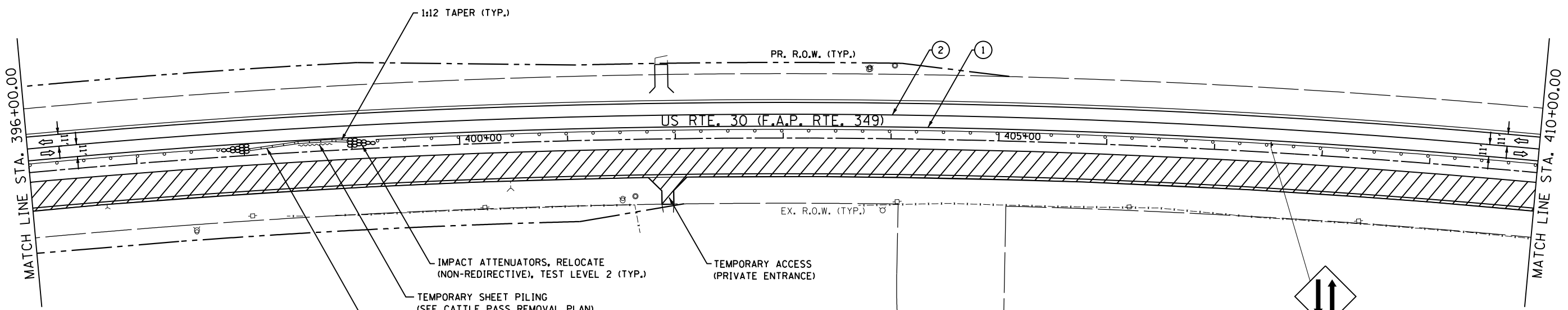
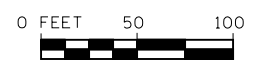
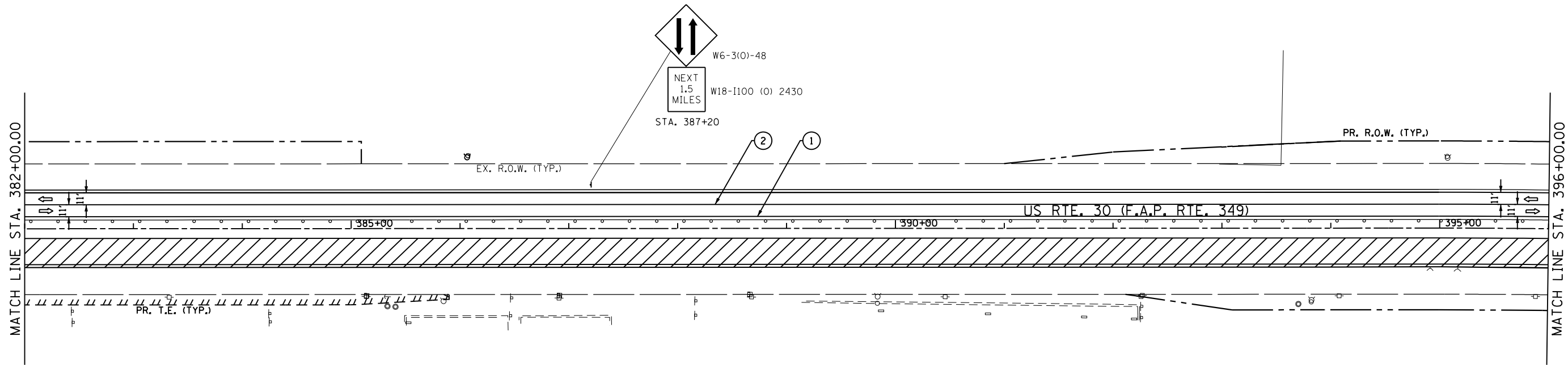
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PLOT DATE = 8/1/2012	CHECKED -	REVISED -
	DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**MAINTENANCE OF TRAFFIC
STAGE 2b**
SCALE: AS SHOWN SHEET NO. OF SHEETS STA. 368+00.00 TO STA. 382+00.00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
349	11 WRS-3	KENDALL	527	127
CONTRACT NO. 60132				
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				





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JOLIET, ILLINOIS 60431
(815) 744-4200



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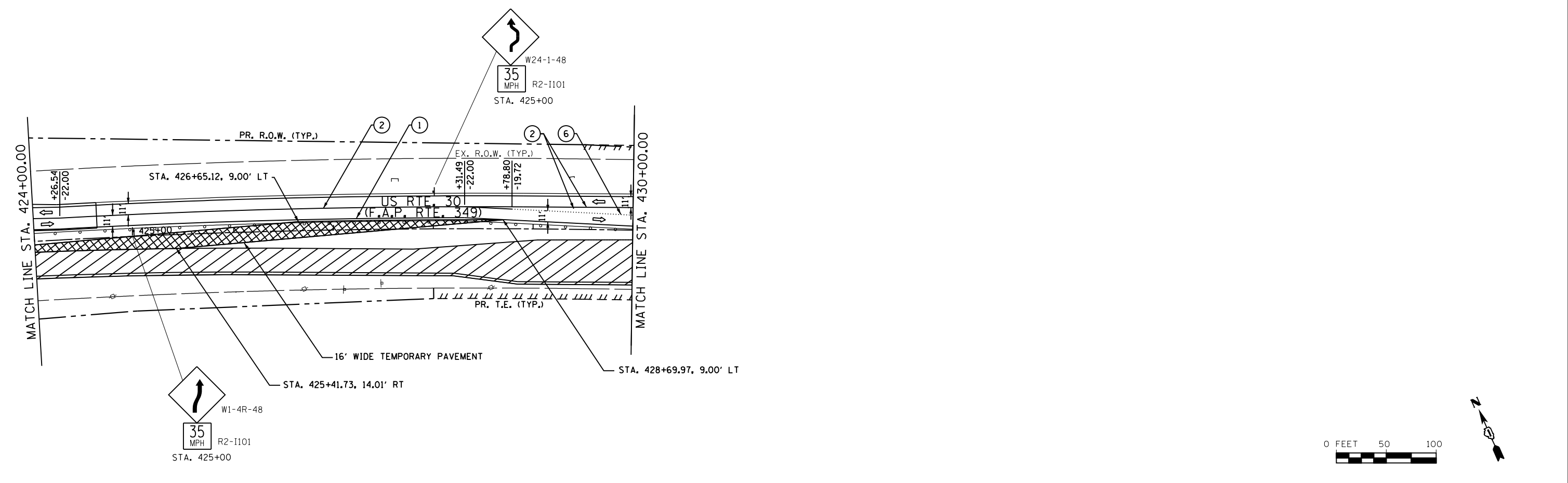
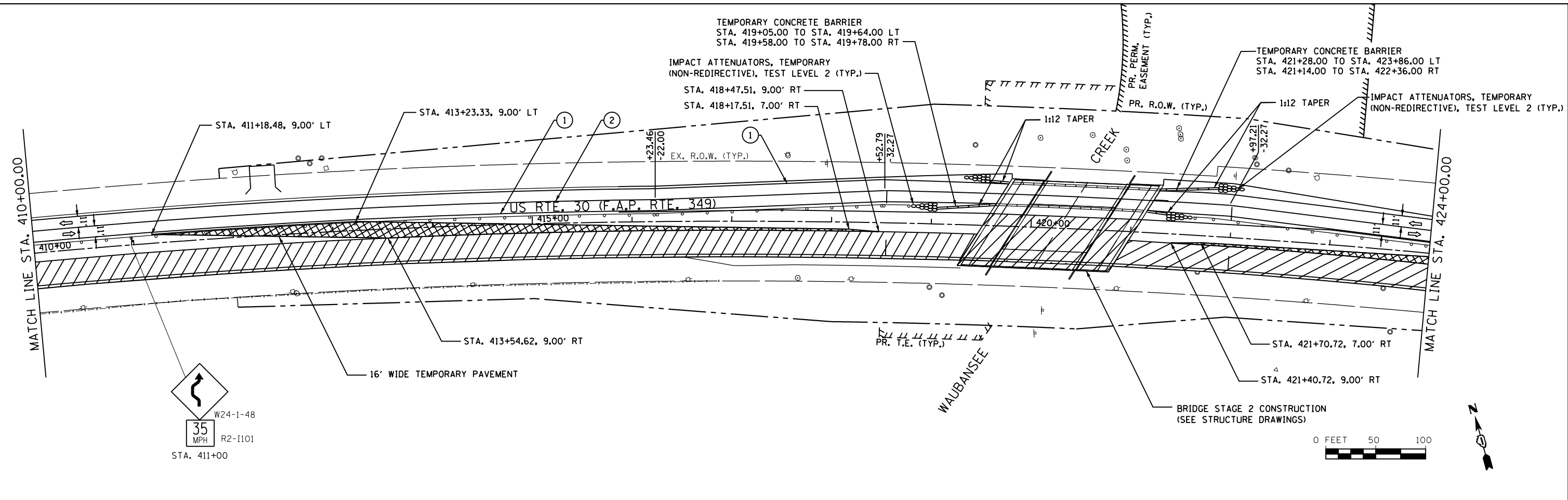
**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**MAINTENANCE OF TRAFFIC
STAGE 2**

SCALE: SHEET NO. OF SHEETS STA. 382+00.00 TO STA. 410+00.00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
349	11 WRS-3	KENDALL	527	128
CONTRACT NO. 60132				

FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT



1170 SOUTH HOUBOLT ROAD
JOLIET, ILLINOIS 60431
(815) 744-4200



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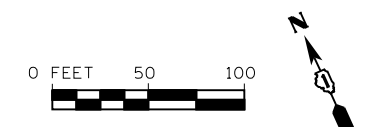
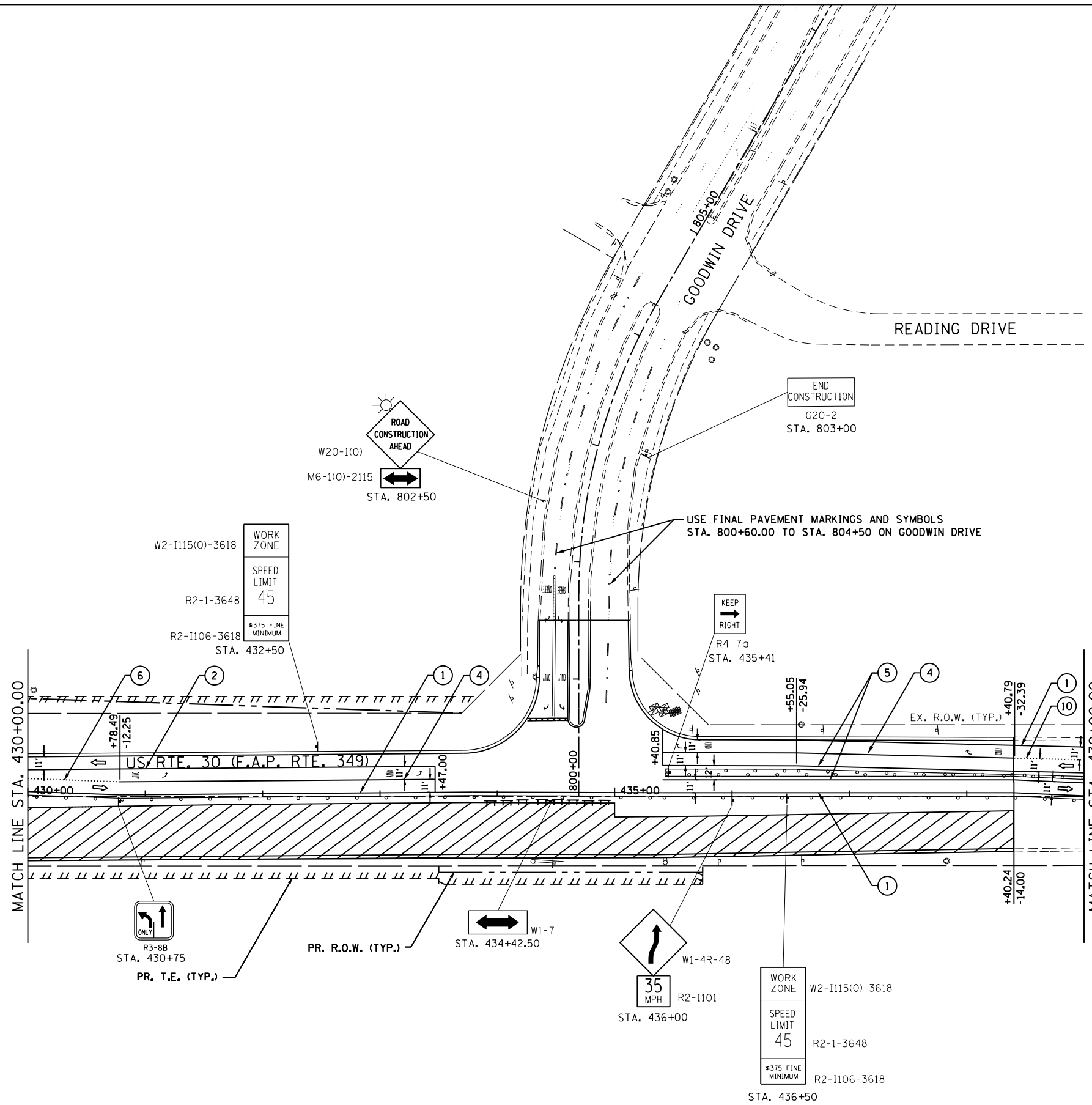
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

MAINTENANCE OF TRAFFIC
STAGE 2

SCALE: SHEET NO. OF SHEETS STA. 410+00.00 TO STA. 430+00.00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
349	11 WRS-3	KENDALL	527	129
CONTRACT NO. 60132				
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				

- NOTES:
- REFER TO INTERSECTION DETAIL SHEETS FOR LOCATION OF PAVEMENT JOINTS FOR STAGING.
 - USE THE FOLLOWING PAY ITEMS WHERE APPLICABLE IN ORDER TO STAGE CONSTRUCT THE INTERSECTION:
 - HOT MIX ASPHALT SURFACT REMOVAL-BUTT JOINT
 - TEMPORARY RAMP
 - INCIDENTAL HOT-MIX ASPHALT SURFACING
 - HOT-MIX ASPHALT SURFACE REMOVAL, VARIABLE DEPTH



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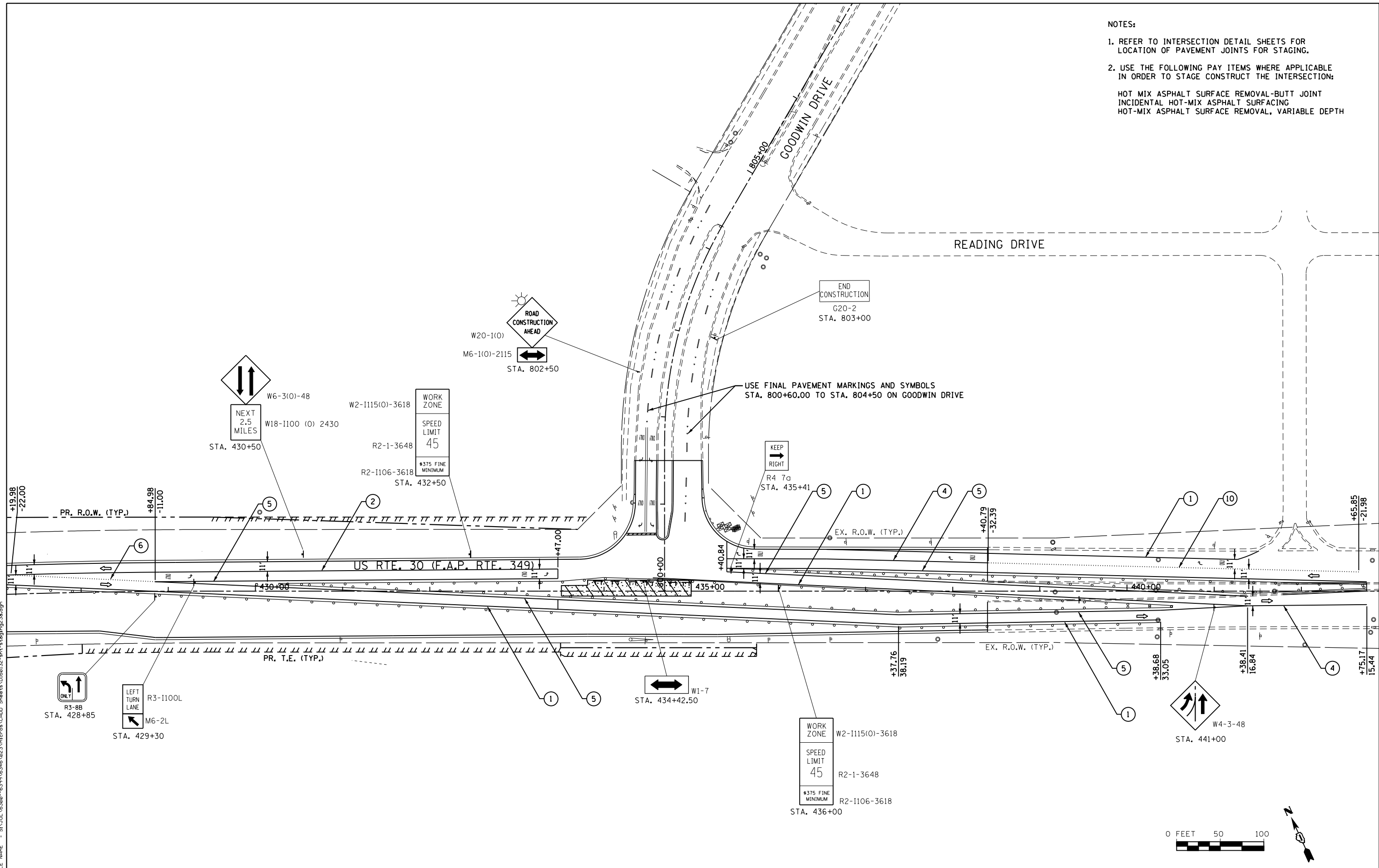
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**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

MAINTENANCE OF TRAFFIC STAGE 2			
SCALE: AS SHOWN	SHEET NO.	OF SHEETS	STA. 430+00.00 TO STA. 439+00.00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
349	11 WRS-3	KENDALL	527	130
CONTRACT NO. 60132				
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				

- NOTES:
- REFER TO INTERSECTION DETAIL SHEETS FOR LOCATION OF PAVEMENT JOINTS FOR STAGING.
 - USE THE FOLLOWING PAY ITEMS WHERE APPLICABLE IN ORDER TO STAGE CONSTRUCT THE INTERSECTION:
 - HOT MIX ASPHALT SURFACE REMOVAL-BUTT JOINT
 - INCIDENTAL HOT-MIX ASPHALT SURFACING
 - HOT-MIX ASPHALT SURFACE REMOVAL, VARIABLE DEPTH



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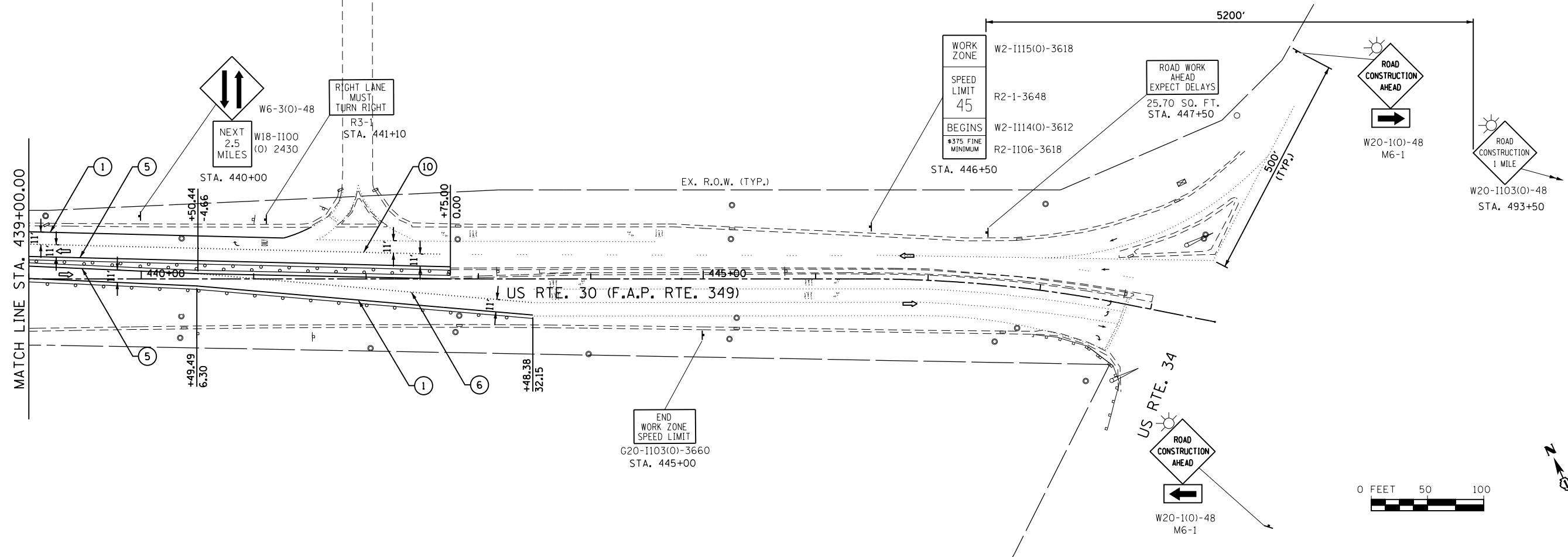
**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

**MAINTENANCE OF TRAFFIC
 STAGE 2a**

SCALE: AS SHOWN SHEET NO. OF SHEETS STA. 430+00.00 TO STA. 439+00.00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
349	11 WRS-3	KENDALL	527	131
CONTRACT NO. 60132				

FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT



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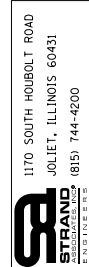
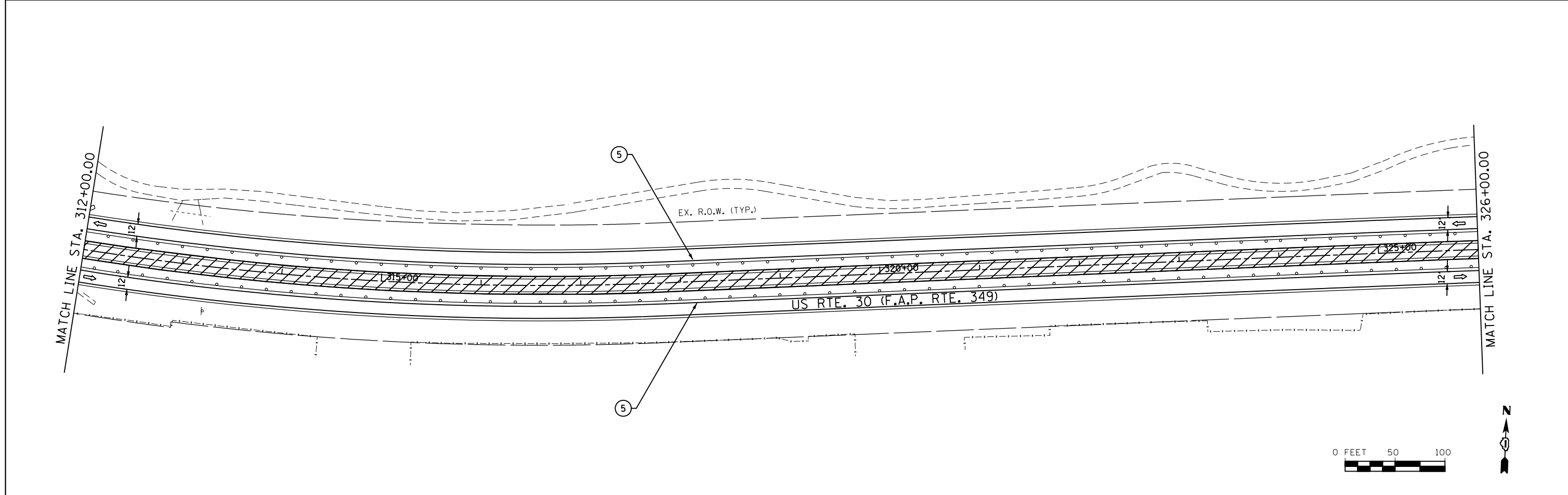
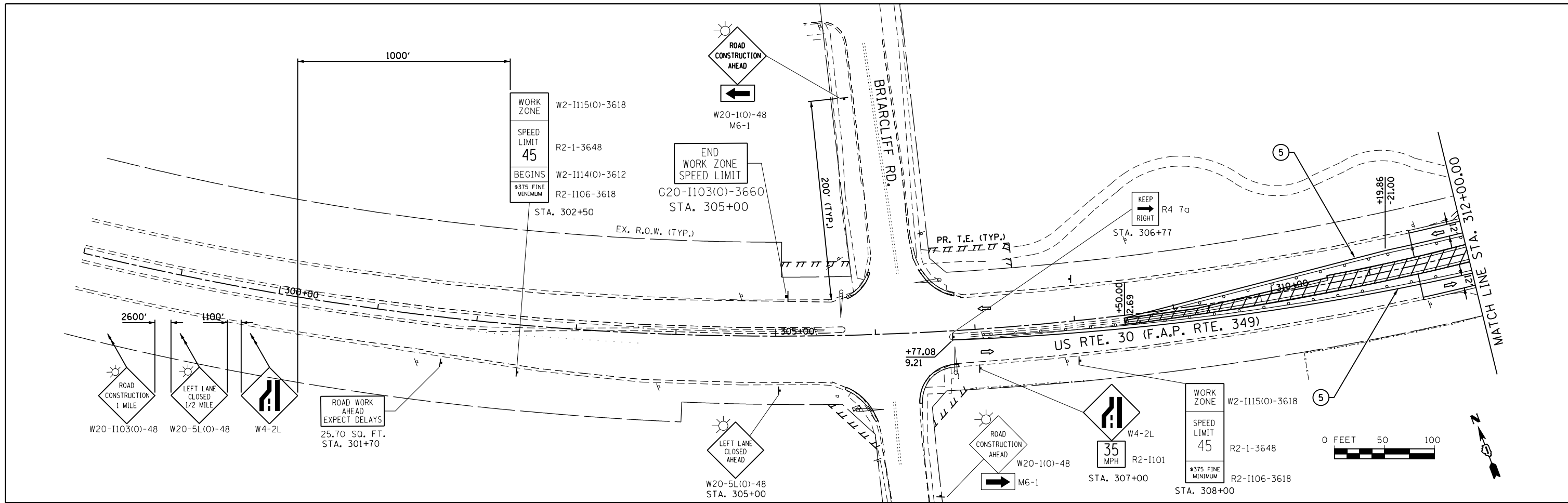
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**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

**MAINTENANCE OF TRAFFIC
 STAGE 2**

SCALE: SHEET NO. OF SHEETS STA. 439+00.00 TO STA. 449+58.31

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
349	11 WRS-3	KENDALL	527	132
CONTRACT NO. 60132				
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				



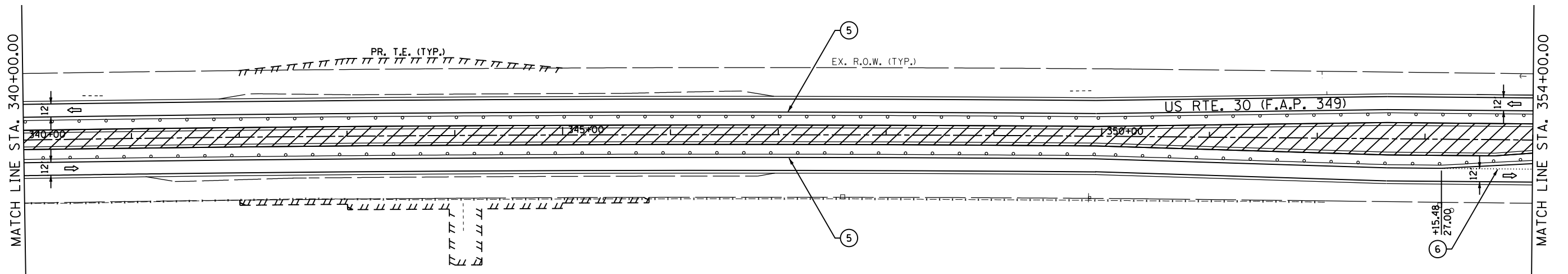
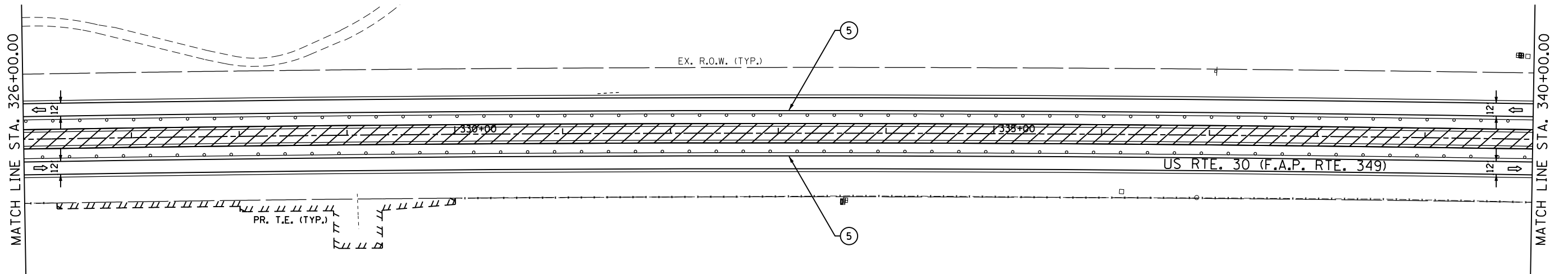
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**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**MAINTENANCE OF TRAFFIC
STAGE 3**

SCALE: SHEET NO. OF SHEETS STA. 298+00.00 TO STA. 326+00.00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
349	11 WRS-3	KENDALL	527	133
CONTRACT NO. 60132				
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				



1170 SOUTH HOUBOLT ROAD
JOLIET, ILLINOIS 60431
(815) 744-4200



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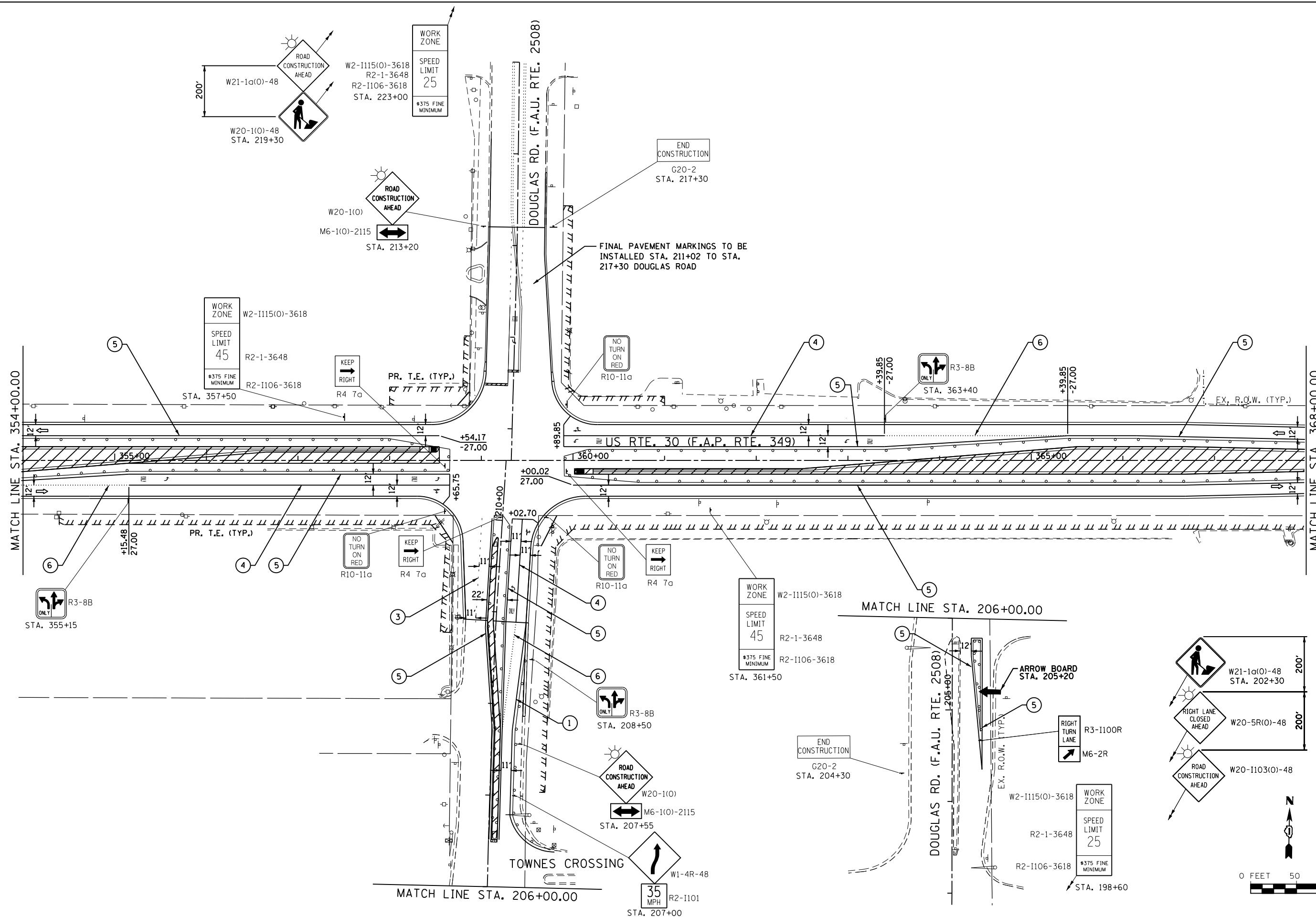
**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**MAINTENANCE OF TRAFFIC
STAGE 3**

SCALE: SHEET NO. OF SHEETS STA. 326+00.00 TO STA. 354+00.00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
349	11 WRS-3	KENDALL	527	134
CONTRACT NO. 60132				
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				

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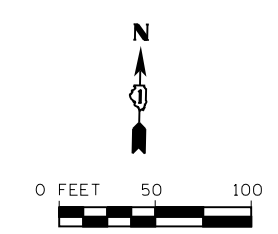
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**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

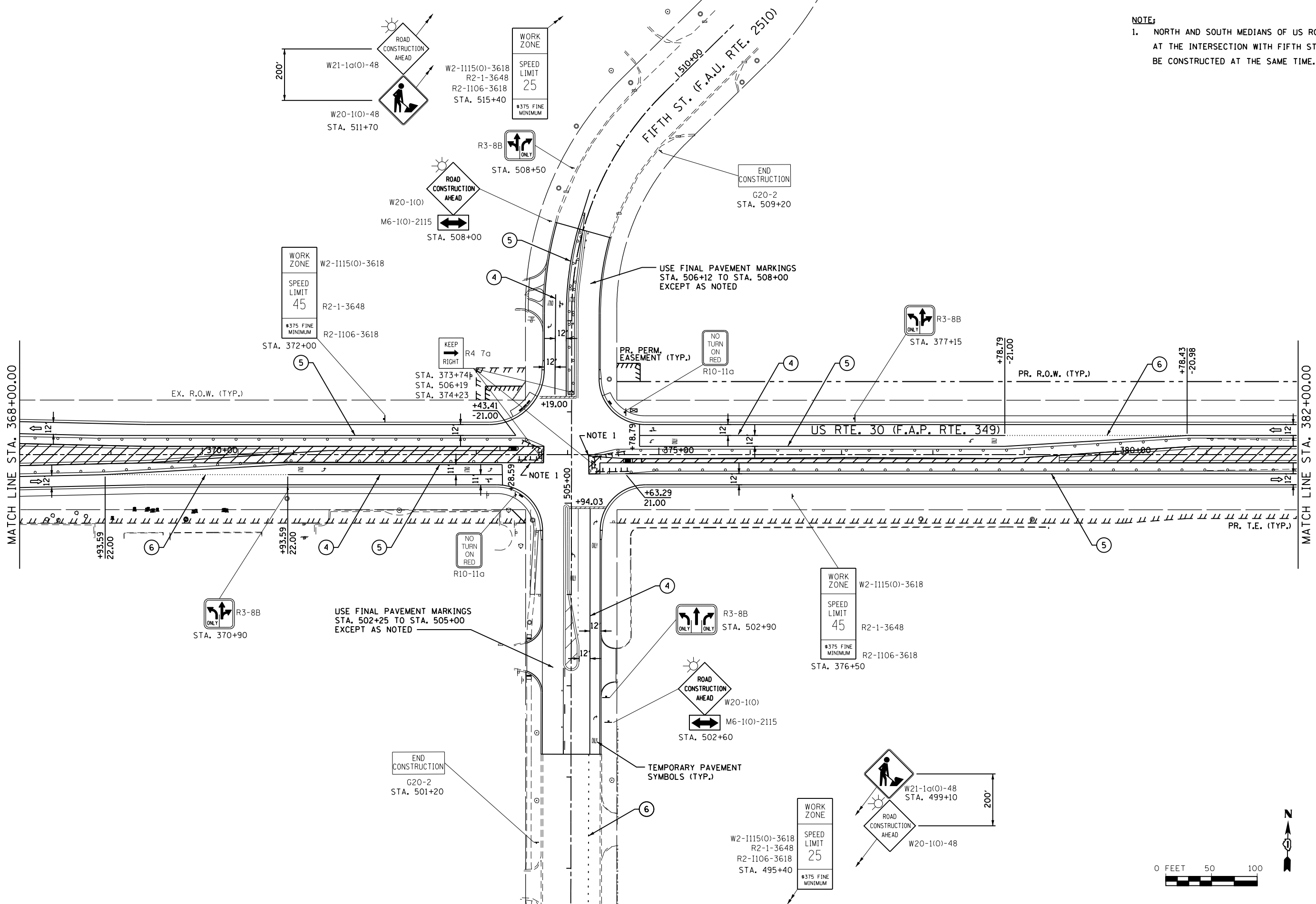
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 STAGE 3**

SCALE: AS SHOWN SHEET NO. OF SHEETS STA. 354+00.00 TO STA. 368+00.00

F.A.P. RTE. 349	SECTION 11 WRS-3	COUNTY KENDALL	TOTAL SHEETS 527	SHEET NO. 135
CONTRACT NO. 60132				
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				



NOTE:
 1. NORTH AND SOUTH MEDIANS OF US ROUTE 30 AT THE INTERSECTION WITH FIFTH ST. MAY NOT BE CONSTRUCTED AT THE SAME TIME.



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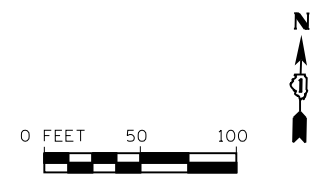
STRAND
 ENGINEERS
 1170 SOUTH HOUBOLT ROAD
 JOLIET, ILLINOIS 60431
 (815) 744-4200

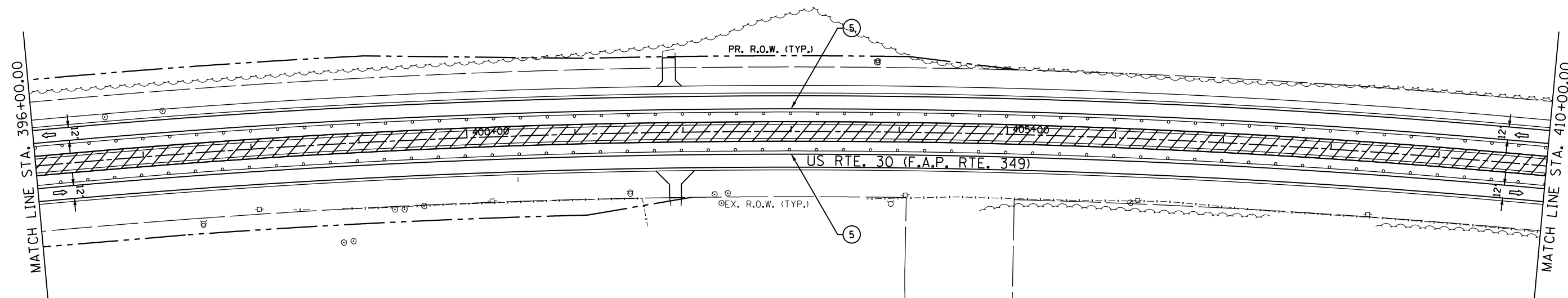
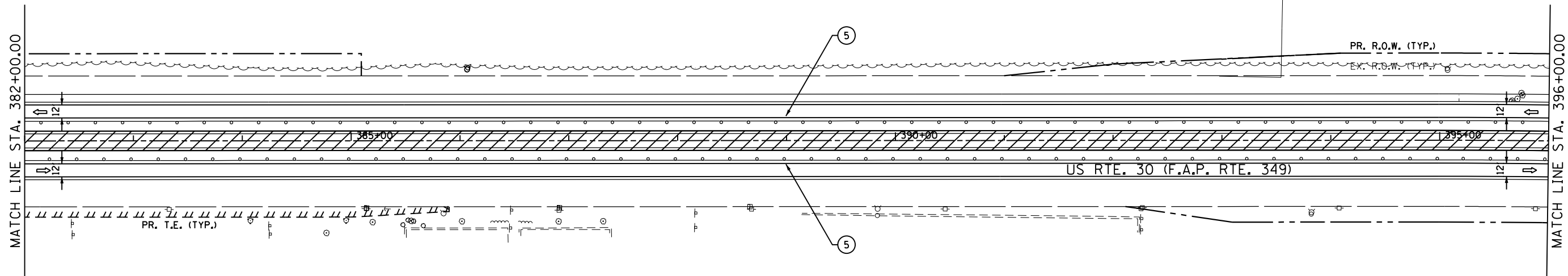
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**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

MAINTENANCE OF TRAFFIC STAGE 3			
SCALE: AS SHOWN	SHEET NO.	OF SHEETS	STA. 368+00.00 TO STA. 382+00.00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
349	11 WRS-3	KENDALL	527	136
CONTRACT NO. 60132				
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				





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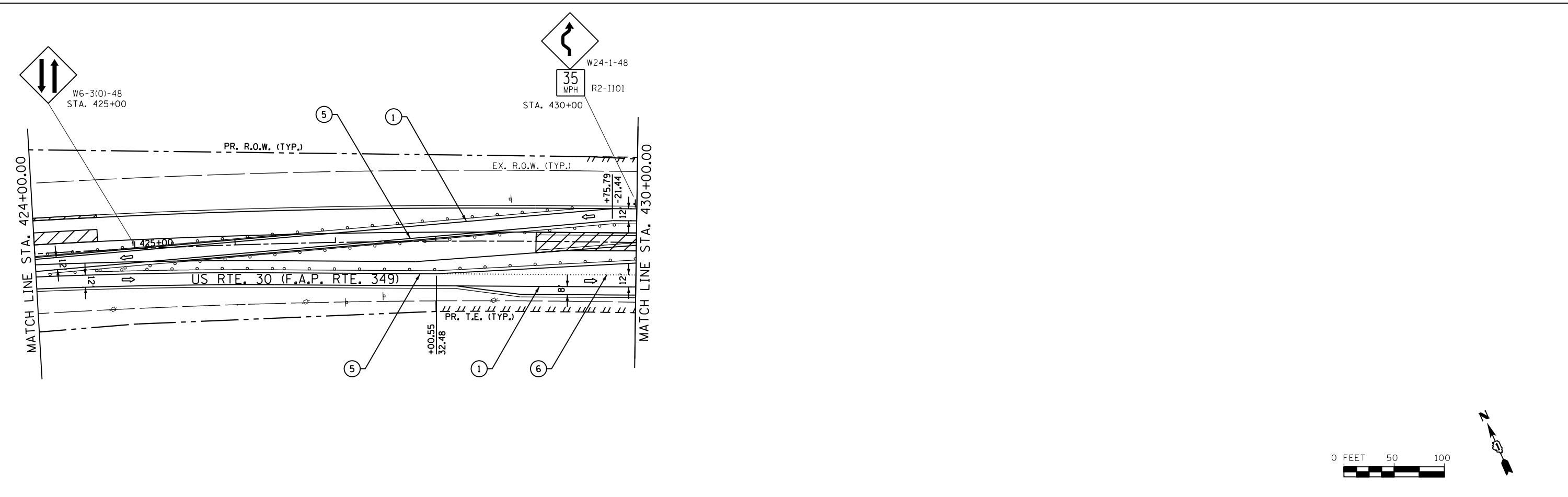
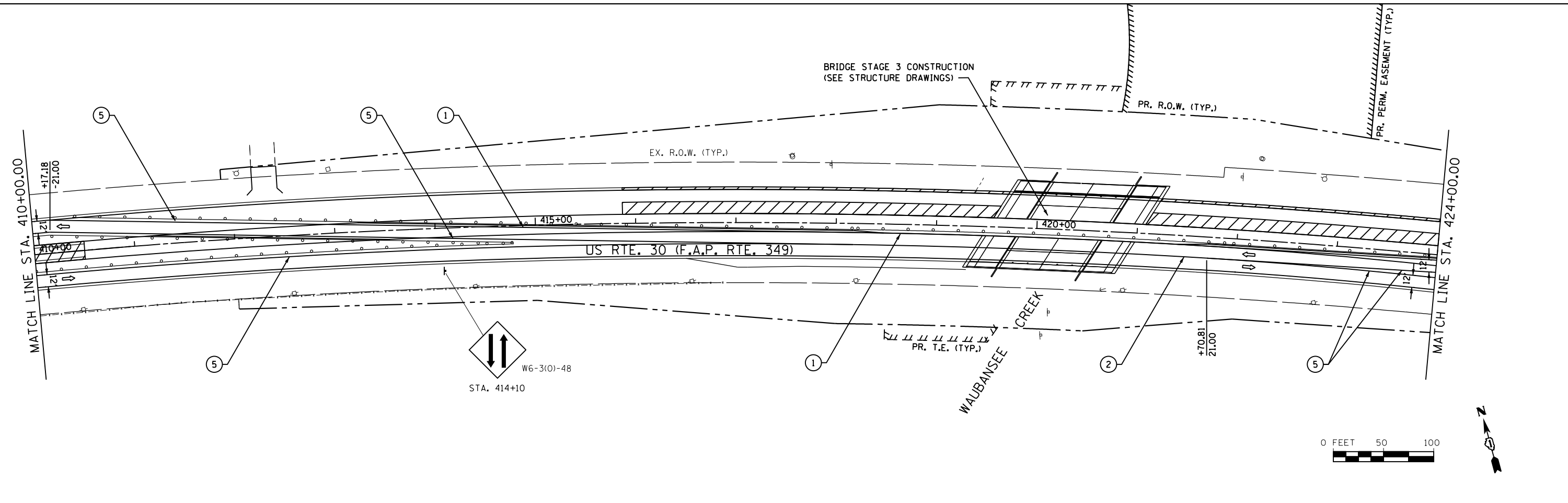
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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

MAINTENANCE OF TRAFFIC
STAGE 3

SCALE: SHEET NO. OF SHEETS STA. 382+00.00 TO STA. 410+00.00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
349	11 WRS-3	KENDALL	527	137
CONTRACT NO. 60132				
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				



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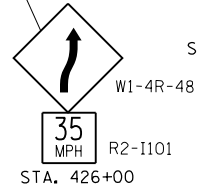
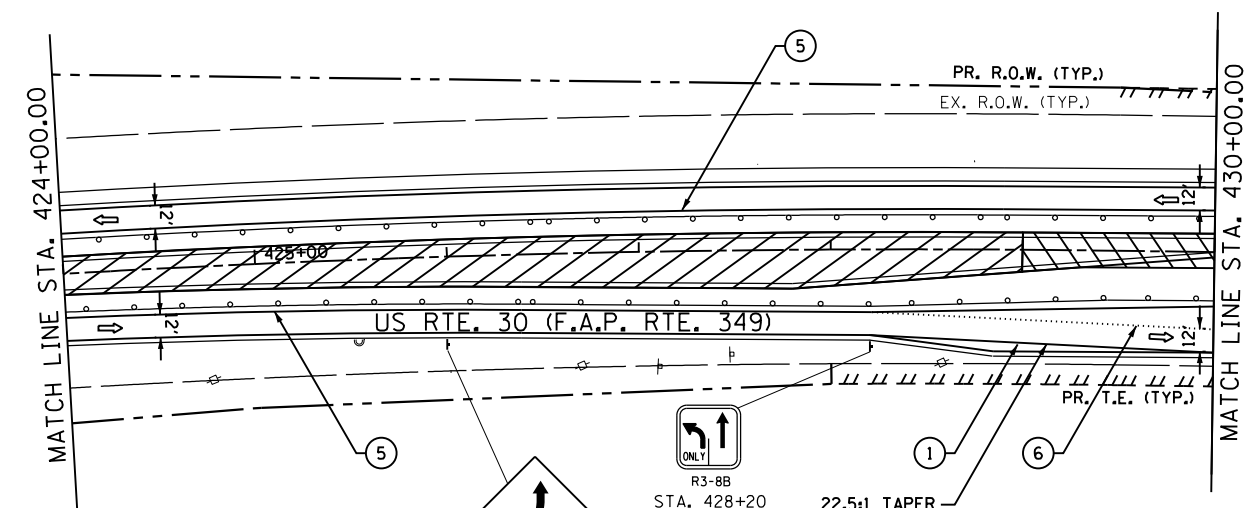
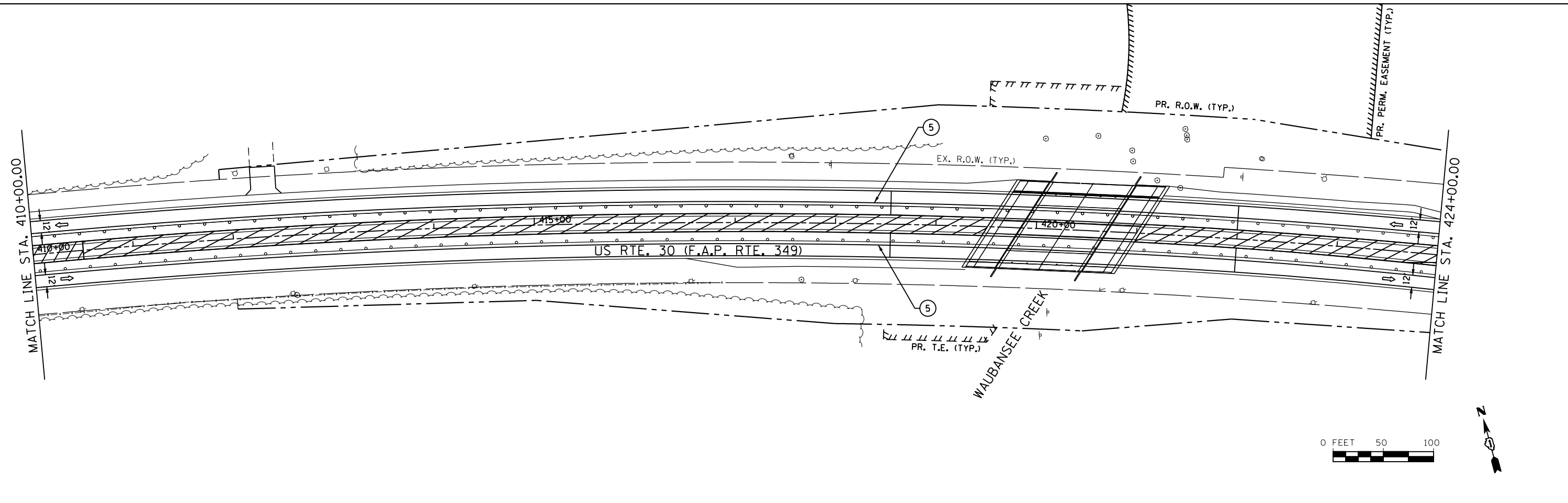
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**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**MAINTENANCE OF TRAFFIC
STAGE 3**

SCALE: SHEET NO. OF SHEETS STA. 410+00.00 TO STA. 430+00.00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
349	11 WRS-3	KENDALL	527	138
CONTRACT NO. 60132				
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				



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STRAND
ENGINEERS

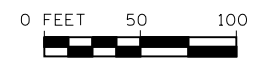
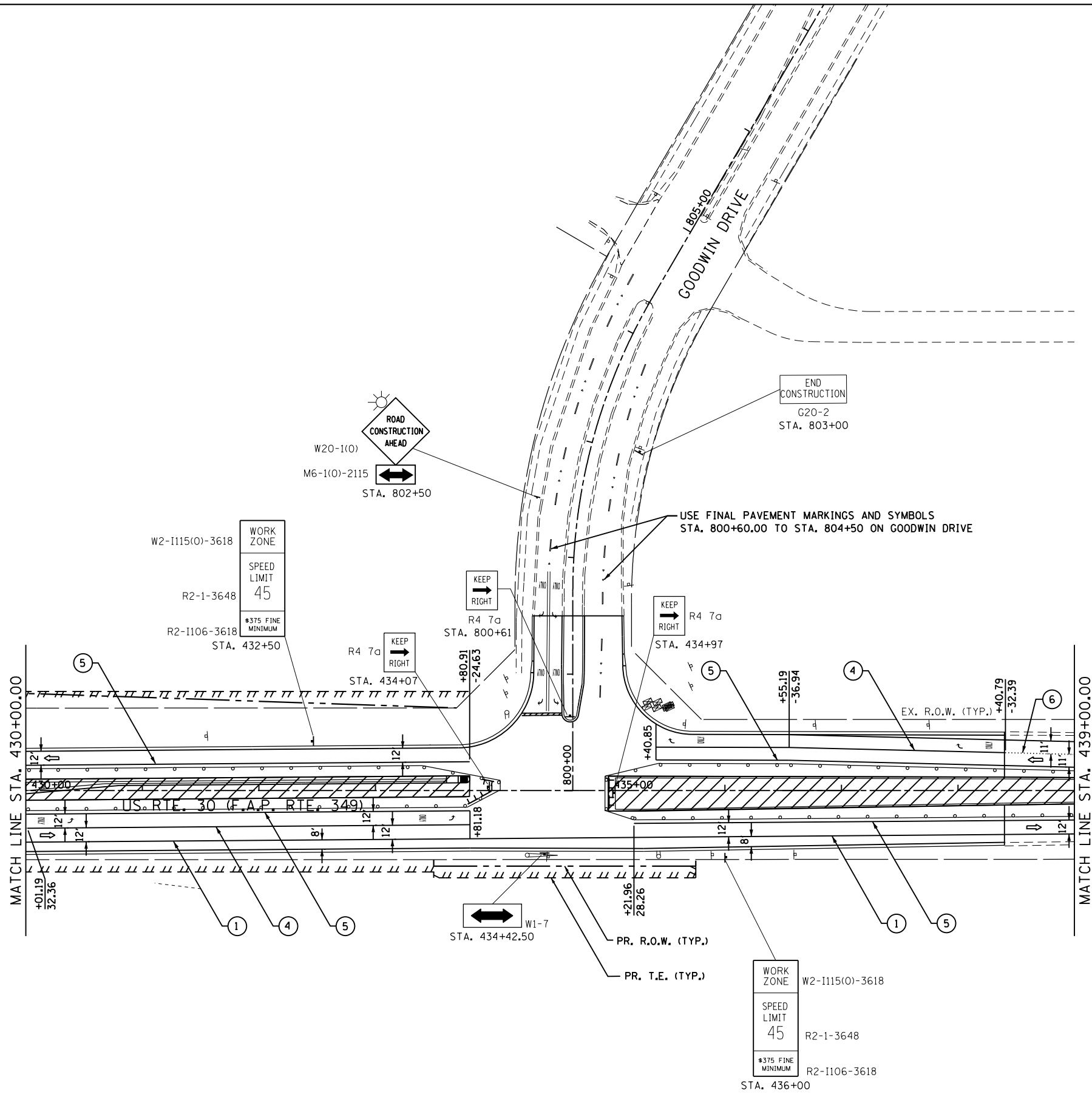
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**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

MAINTENANCE OF TRAFFIC STAGE 3a			
SCALE:	SHEET NO.	OF SHEETS	STA. 410+00.00 TO STA. 430+00.00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
349	11 WRS-3	KENDALL	527	139
CONTRACT NO. 60132				
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				

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1170 SOUTH HOUBOLT ROAD
JOLIET, ILLINOIS 60431
(815) 744-4200

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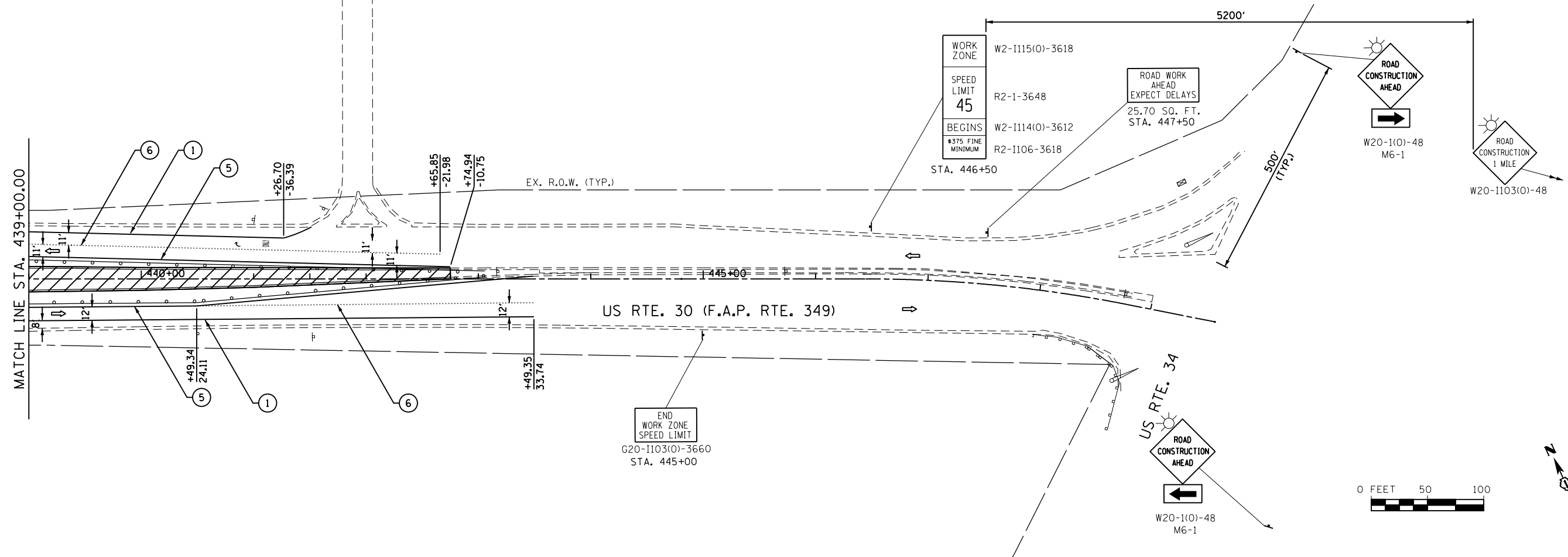
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**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**MAINTENANCE OF TRAFFIC
STAGE 3**
SCALE: AS SHOWN SHEET NO. OF SHEETS STA. 430+00.00 TO STA. 439+00.00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
349	11 WRS-3	KENDALL	527	140
CONTRACT NO. 60132				
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				



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(815) 744-4200



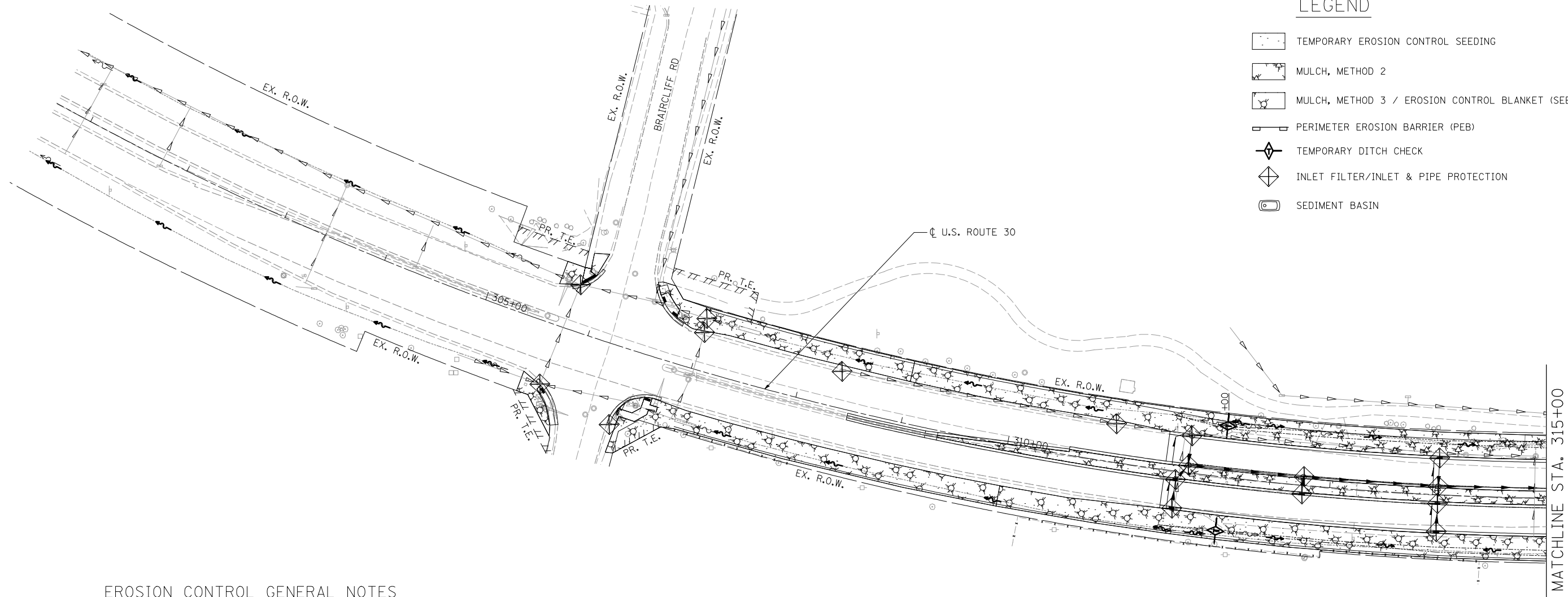
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**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**MAINTENANCE OF TRAFFIC
STAGE 3**

SCALE: SHEET NO. OF SHEETS STA. 439+00.00 TO STA. 449+58.31

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
349	11 WRS-3	KENDALL	527	141
CONTRACT NO. 60132				
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				



LEGEND

- TEMPORARY EROSION CONTROL SEEDING
- MULCH, METHOD 2
- MULCH, METHOD 3 / EROSION CONTROL BLANKET (SEE NOTES)
- PERIMETER EROSION BARRIER (PEB)
- TEMPORARY DITCH CHECK
- INLET FILTER/INLET & PIPE PROTECTION
- SEDIMENT BASIN

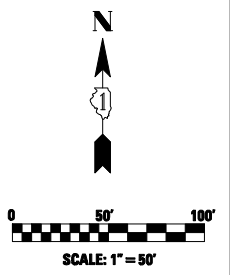
EROSION CONTROL GENERAL NOTES

1. SILT FENCE SHALL BE USED AS A PERIMETER EROSION BARRIER TO FILTER RUNOFF LEAVING THE PROJECT LIMITS. J-HOOKS SHALL BE INSTALLED AS SHOWN IN HIGHWAY STANDARD 280001-06 AT LOCATIONS APPROVED BY THE RESIDENT ENGINEER.
2. PROPOSED DRAINAGE STRUCTURES RECEIVING RUNOFF SHALL BE PROTECTED WITH INLET AND PIPE PROTECTION IMMEDIATELY AFTER CONSTRUCTION.
3. INLET FILTERS SHALL BE USED ONLY IN PAVED AREAS.
4. FOR INLET AND PIPE PROTECTION, USE A COMBINATION OF TEMPORARY SEED, EROSION CONTROL BLANKET, AND TEMPORARY DITCH CHECKS FOR PIPE PROTECTION. THE USE OF STRAW BALES FOR PIPE PROTECTION SHALL NOT BE ALLOWED.
5. EROSION CONTROL MEASURES SHALL BE INSPECTED WITHIN 24 HOURS OF ANY STORM EXCEEDING 1/2" OF PRECIPITATION.
6. THE CONTRACTOR IS REQUIRED TO SUBMIT A PLAN TO THE RESIDENT ENGINEER TO PREVENT RUNOFF WATERS FROM ENTERING THE PROPOSED STORM SEWER SYSTEM DURING CONSTRUCTION AS THE UPSTREAM END CHANGES DAILY.
7. STABILIZED CONSTRUCTION ENTRANCES WILL BE REQUIRED. ALL LOCATIONS SHALL BE APPROVED BY THE RESIDENT ENGINEER, AND PAYMENT SHALL BE CONSIDERED INCIDENTAL TO THE COST OF THE CONTRACT.
8. 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.
9. 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 CONTRACTOR AND THE DEPARTMENT.

NOTES:

1. MULCH WILL NOT BE REQUIRED AFTER TEMPORARY SEEDING HAS BEEN COMPLETED ON AREAS WITH SLOPES FLATTER THAN 1:3 THAT ARE TEMPORARILY SEEDED BEFORE SEPTEMBER 16.
2. MULCH, METHOD 2 SHALL BE PLACED IN ACCORDANCE WITH THE REQUIREMENTS OF THE STANDARD SPECIFICATIONS AFTER TEMPORARY SEEDING HAS BEEN COMPLETED ON AREAS WITH SLOPES FLATTER THAN 1:3 THAT ARE TEMPORARILY SEEDED ON OR AFTER SEPTEMBER 16.
3. MULCH, METHOD 3 SHALL BE PLACED IN ACCORDANCE WITH THE REQUIREMENTS OF THE STANDARD SPECIFICATIONS AFTER TEMPORARY SEEDING HAS BEEN COMPLETED ON AREAS WITH SLOPES 1:3 OR STEEPER AND ARE TEMPORARILY SEEDED BEFORE SEPTEMBER 16, OR AS DETERMINED BY THE ENGINEER.
4. EROSION CONTROL BLANKET SHALL BE PLACED IN ACCORDANCE WITH THE REQUIREMENTS OF THE STANDARD SPECIFICATIONS AFTER TEMPORARY SEEDING HAS BEEN COMPLETED ON AREAS WITH SLOPES 1:3 OR STEEPER THAT ARE TEMPORARILY SEEDED ON OR AFTER SEPTEMBER 16, OR AS DETERMINED BY THE ENGINEER.

DENOTES WORK INCLUDED IN THE COST OF OTHER ITEMS



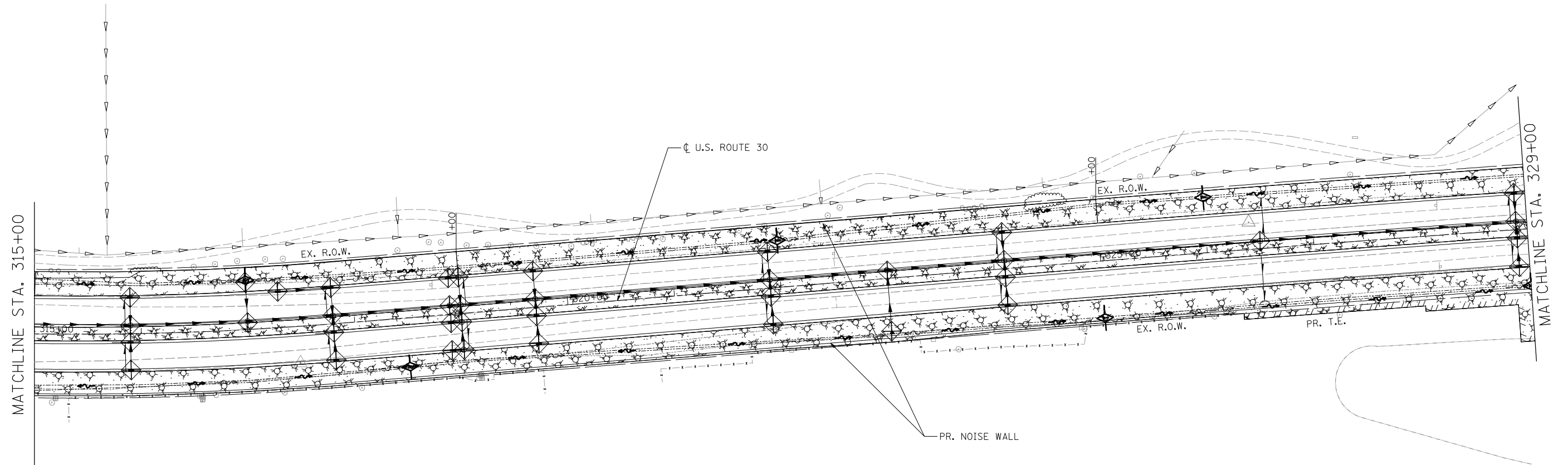
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**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**








**TEMPORARY EROSION CONTROL PLAN
U.S. ROUTE 30 - BRIARCLIFF RD. TO U.S. ROUTE 34**

SCALE: 1"=50' SHEET NO. 1 OF 10 SHEETS STA. 300+64.50 TO STA. 315+00.00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
349	11 WRS-3	KENDALL	527	142
CONTRACT NO. 60132				
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				

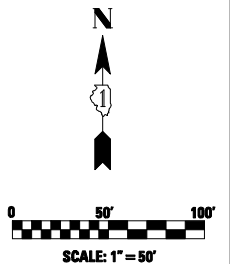


LEGEND

-  TEMPORARY EROSION CONTROL SEEDING
-  MULCH, METHOD 2
-  MULCH, METHOD 3 / EROSION CONTROL BLANKET (SEE NOTES)
-  PERIMETER EROSION BARRIER (PEB)
-  TEMPORARY DITCH CHECK
-  INLET FILTER/INLET & PIPE PROTECTION
-  SEDIMENT BASIN

NOTES:

1. MULCH WILL NOT BE REQUIRED AFTER TEMPORARY SEEDING HAS BEEN COMPLETED ON AREAS WITH SLOPES FLATTER THAN 1:3 THAT ARE TEMPORARILY SEEDED BEFORE SEPTEMBER 16.
2. MULCH, METHOD 2 SHALL BE PLACED IN ACCORDANCE WITH THE REQUIREMENTS OF THE STANDARD SPECIFICATIONS AFTER TEMPORARY SEEDING HAS BEEN COMPLETED ON AREAS WITH SLOPES FLATTER THAN 1:3 THAT ARE TEMPORARILY SEEDED ON OR AFTER SEPTEMBER 16.
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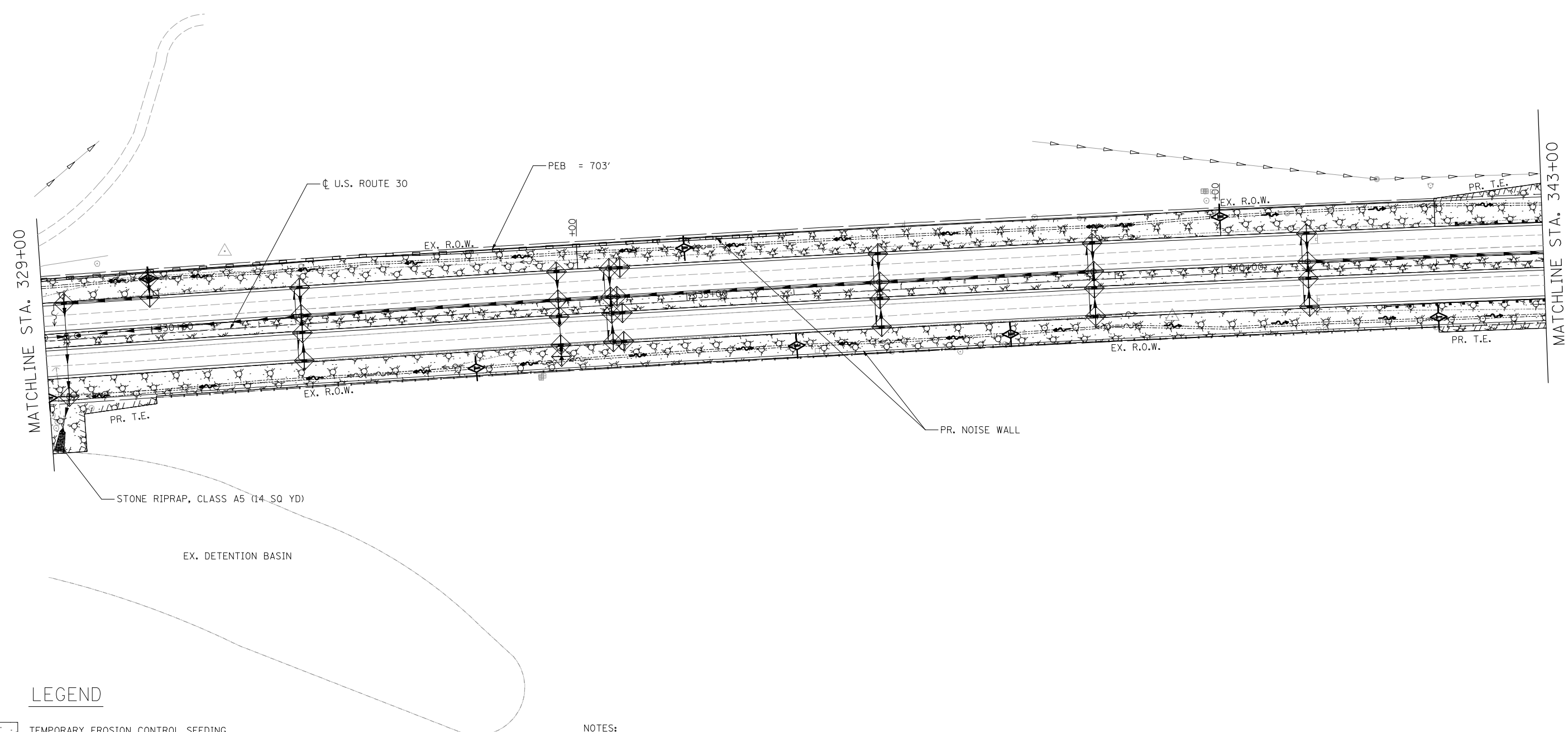
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**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**








**TEMPORARY EROSION CONTROL PLAN
U.S. ROUTE 30 - BRIARCLIFF RD. TO U.S. ROUTE 34**

SCALE: 1"=50' SHEET NO. 2 OF 10 SHEETS STA. 315+00.00 TO STA. 329+00.00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
349	11 WRS-3	KENDALL	527	143
CONTRACT NO. 60I32				
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				

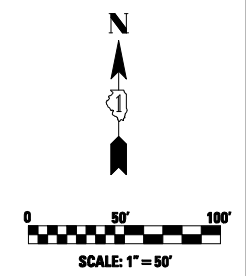


LEGEND

-  TEMPORARY EROSION CONTROL SEEDING
-  MULCH, METHOD 2
-  MULCH, METHOD 3 / EROSION CONTROL BLANKET (SEE NOTES)
-  PERIMETER EROSION BARRIER (PEB)
-  TEMPORARY DITCH CHECK
-  INLET FILTER/INLET & PIPE PROTECTION
-  SEDIMENT BASIN

NOTES:

1. MULCH WILL NOT BE REQUIRED AFTER TEMPORARY SEEDING HAS BEEN COMPLETED ON AREAS WITH SLOPES FLATTER THAN 1:3 THAT ARE TEMPORARILY SEEDED BEFORE SEPTEMBER 16.
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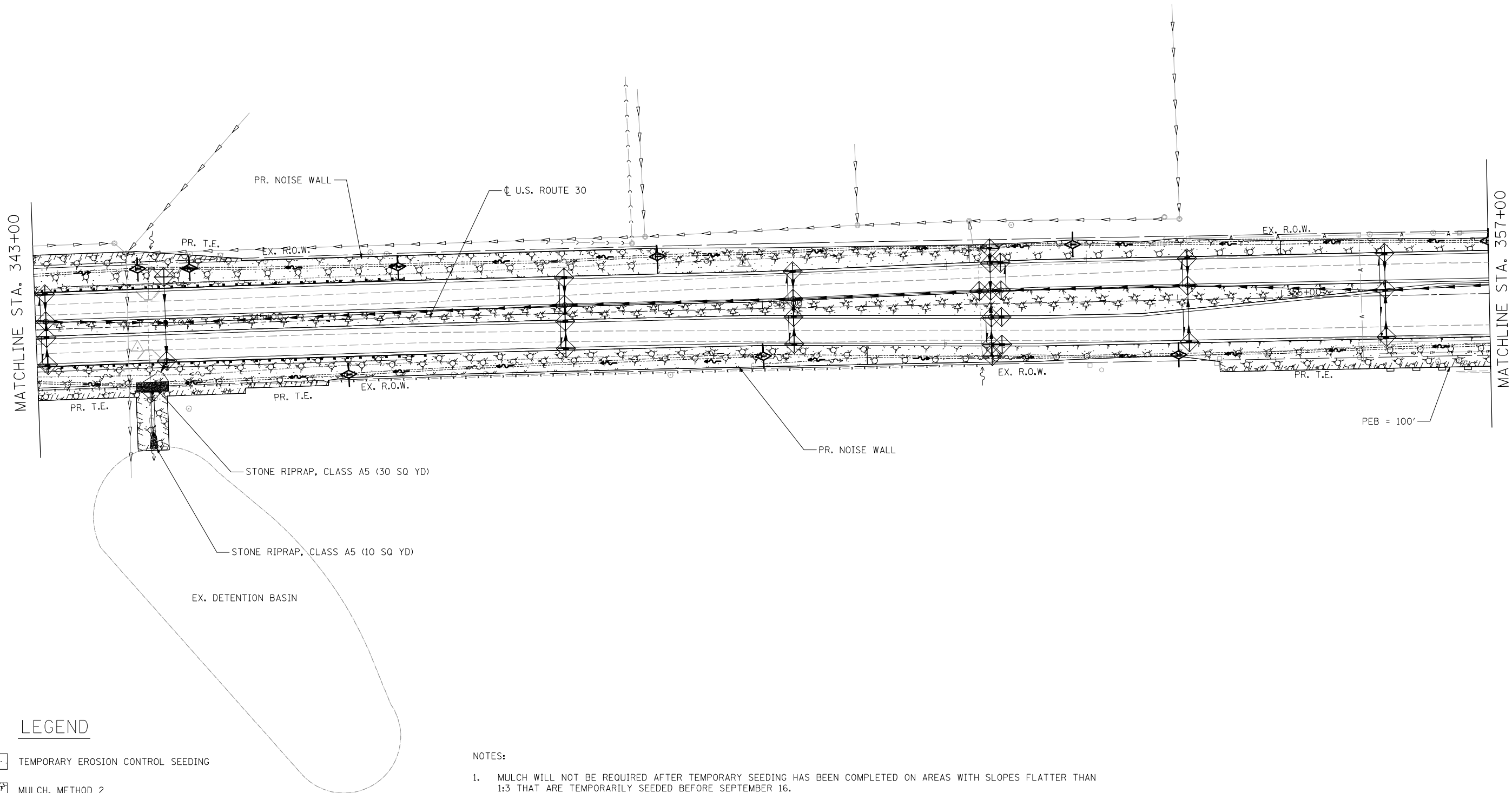
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PLOT DATE = 4/26/2012	DATE - 04/2012	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**TEMPORARY EROSION CONTROL PLAN
U.S. ROUTE 30 - BRIARCLIFF RD. TO U.S. ROUTE 34**

SCALE: 1"=50' SHEET NO. 3 OF 10 SHEETS STA. 329+00.00 TO STA. 343+00.00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
349	11 WRS-3	KENDALL	527	144
CONTRACT NO. 60I32				
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				

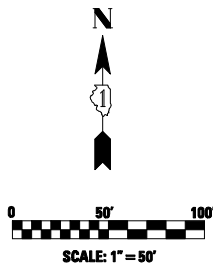


LEGEND

- TEMPORARY EROSION CONTROL SEEDING
- MULCH, METHOD 2
- MULCH, METHOD 3 / EROSION CONTROL BLANKET (SEE NOTES)
- PERIMETER EROSION BARRIER (PEB)
- TEMPORARY DITCH CHECK
- INLET FILTER/INLET & PIPE PROTECTION
- SEDIMENT BASIN

NOTES:

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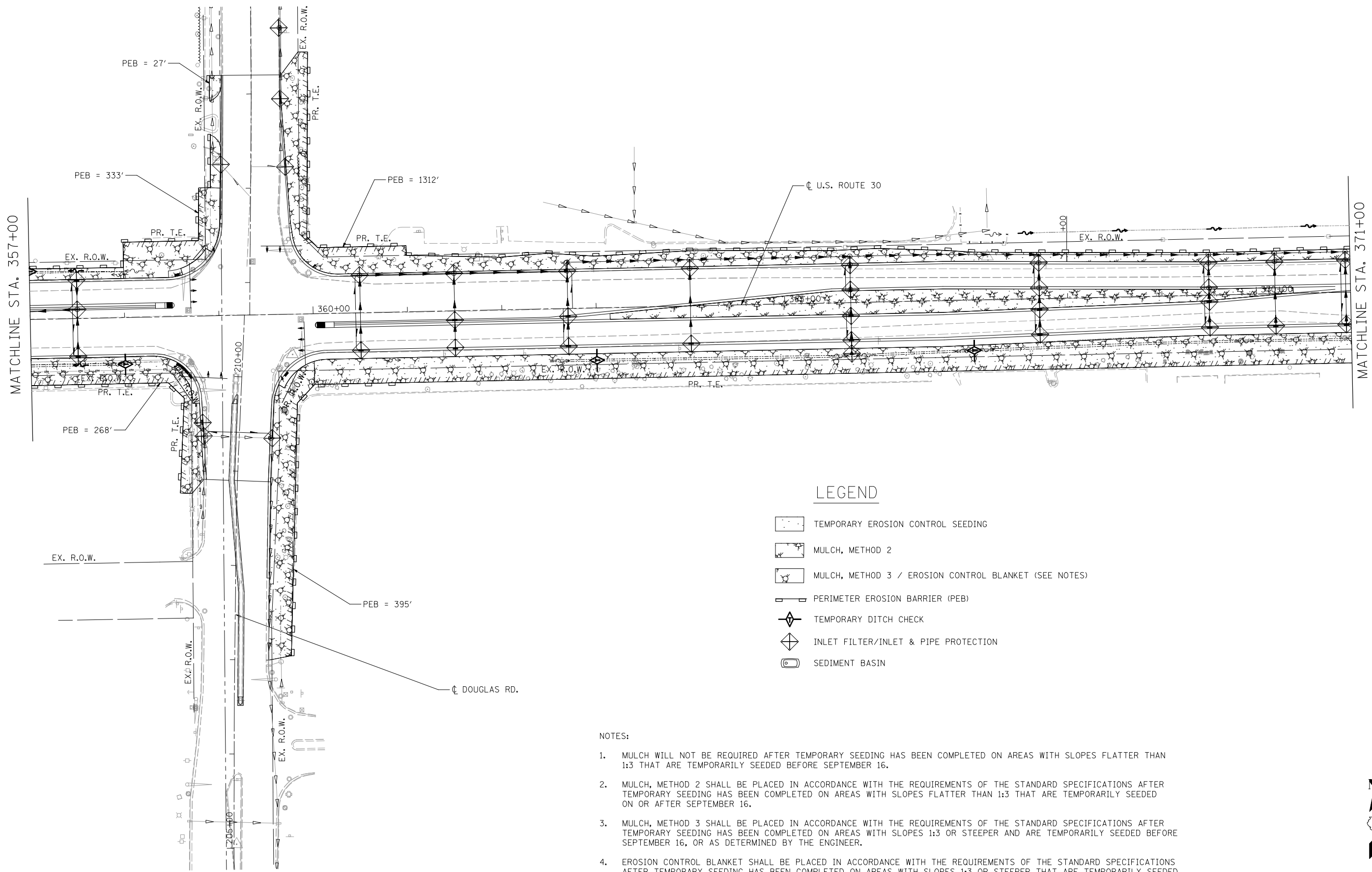
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PLOT DATE = 4/26/2012	DATE - 04/2012	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**TEMPORARY EROSION CONTROL PLAN
U.S. ROUTE 30 - BRIARCLIFF RD. TO U.S. ROUTE 34**

SCALE: 1"=50' SHEET NO. 4 OF 10 SHEETS STA. 343+00.00 TO STA. 357+00.00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
349	11 WRS-3	KENDALL	527	145
CONTRACT NO. 60132				
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				

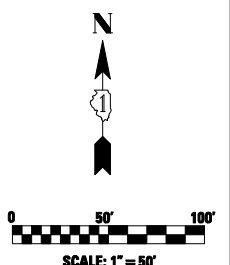


LEGEND

- TEMPORARY EROSION CONTROL SEEDING
- MULCH, METHOD 2
- MULCH, METHOD 3 / EROSION CONTROL BLANKET (SEE NOTES)
- PERIMETER EROSION BARRIER (PEB)
- TEMPORARY DITCH CHECK
- INLET FILTER/INLET & PIPE PROTECTION
- SEDIMENT BASIN

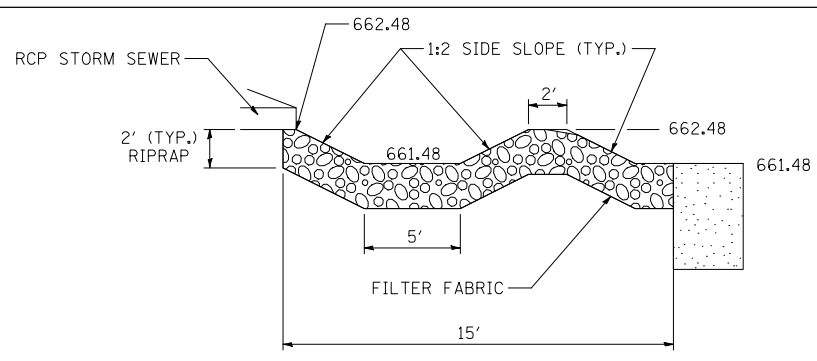
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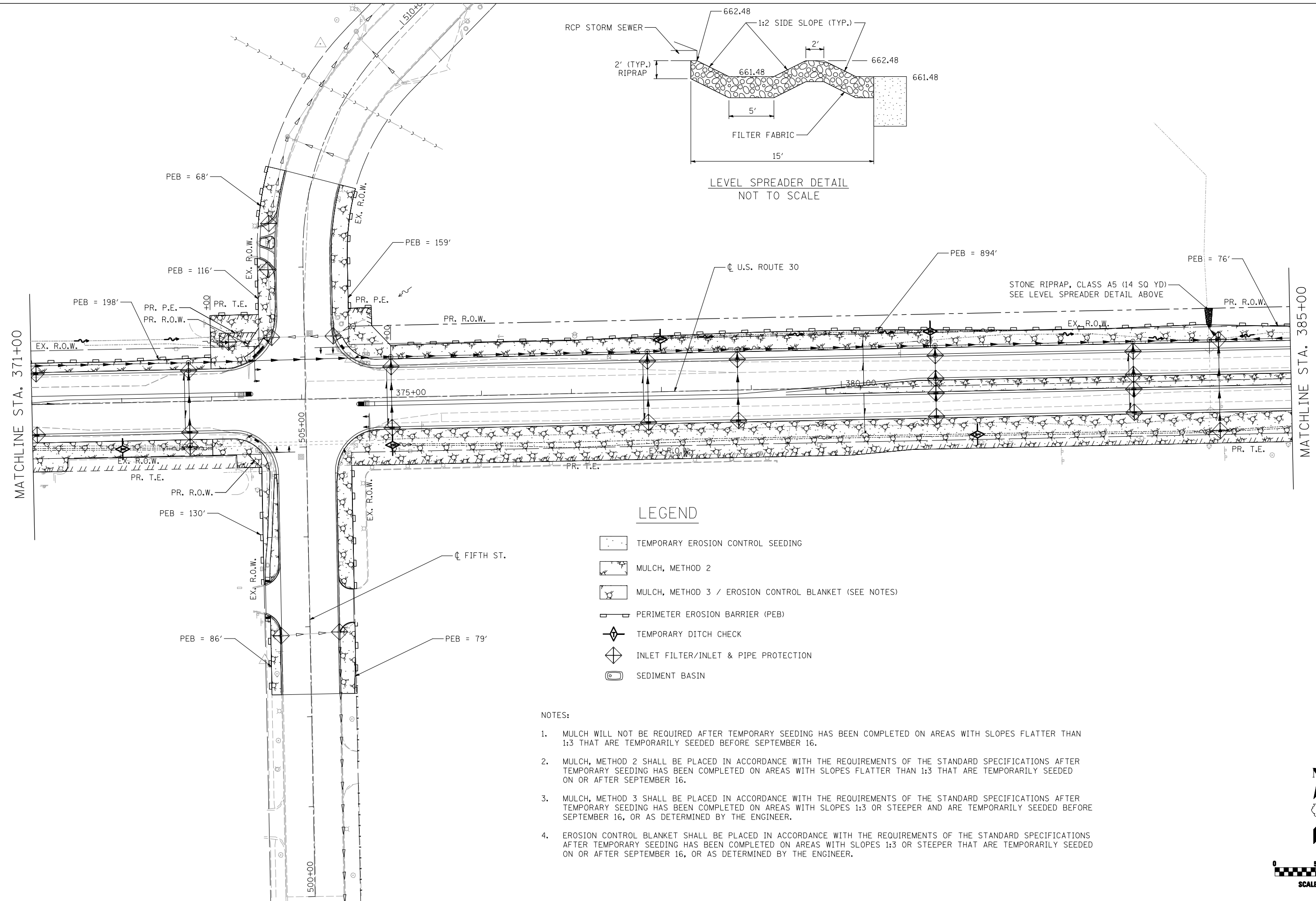


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F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
349	11 WRS-3	KENDALL	527	146
CONTRACT NO. 60I32				
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				



LEVEL SPREADER DETAIL
NOT TO SCALE

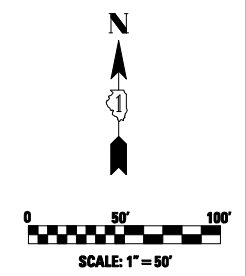


LEGEND

- TEMPORARY EROSION CONTROL SEEDING
- MULCH, METHOD 2
- MULCH, METHOD 3 / EROSION CONTROL BLANKET (SEE NOTES)
- PERIMETER EROSION BARRIER (PEB)
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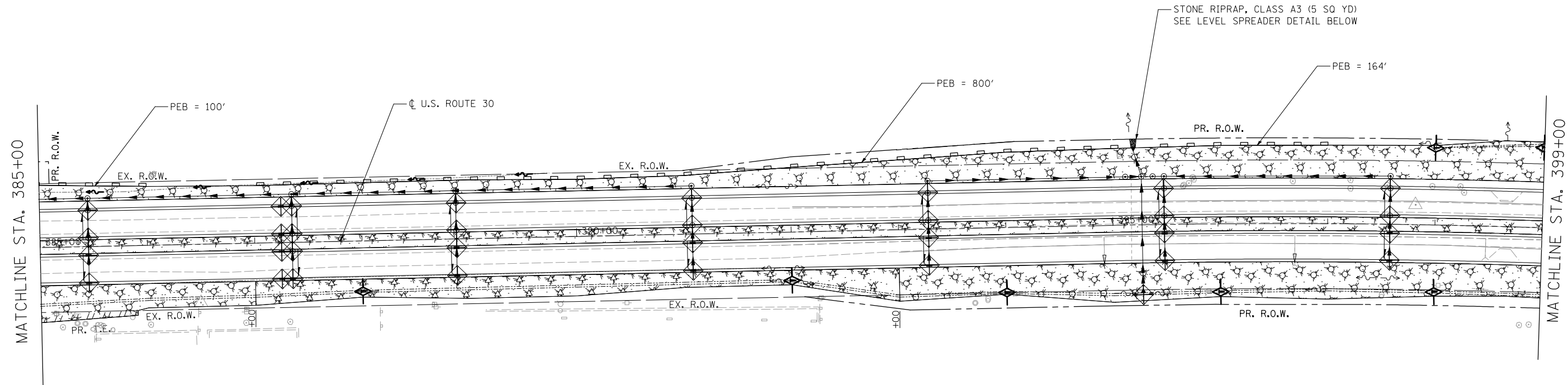


LIN ENGINEERING, LTD. Consulting Engineers Chatham, Illinois	USER NAME = Plotted by Roadways8	DESIGNED - RWK	REVISED -
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**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**








TEMPORARY EROSION CONTROL PLAN		
U.S. ROUTE 30 - BRIARCLIFF RD. TO U.S. ROUTE 34		
SCALE: 1"=50'	SHEET NO. 6 OF 10 SHEETS	STA. 371+00.00 TO STA. 385+00.00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
349	11 WRS-3	KENDALL	527	147
CONTRACT NO. 60I32				
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				



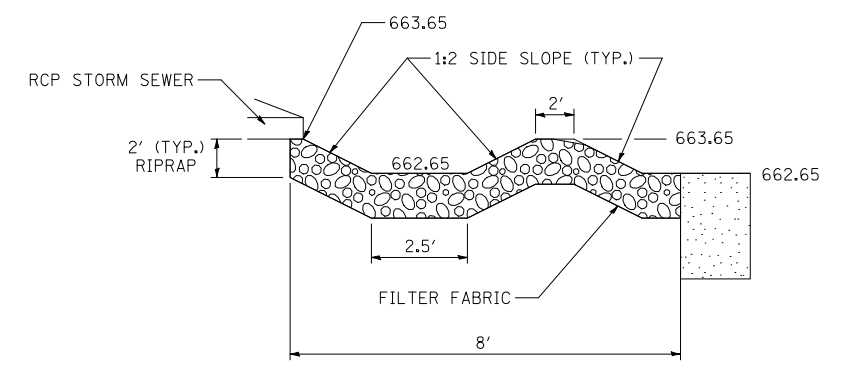
STONE RIPRAP, CLASS A3 (5 SQ YD)
SEE LEVEL SPREADER DETAIL BELOW

LEGEND

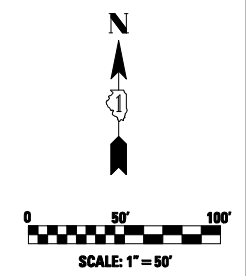
-  TEMPORARY EROSION CONTROL SEEDING
-  MULCH, METHOD 2
-  MULCH, METHOD 3 / EROSION CONTROL BLANKET (SEE NOTES)
-  PERIMETER EROSION BARRIER (PEB)
-  TEMPORARY DITCH CHECK
-  INLET FILTER/INLET & PIPE PROTECTION
-  SEDIMENT BASIN

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LEVEL SPREADER DETAIL
NOT TO SCALE



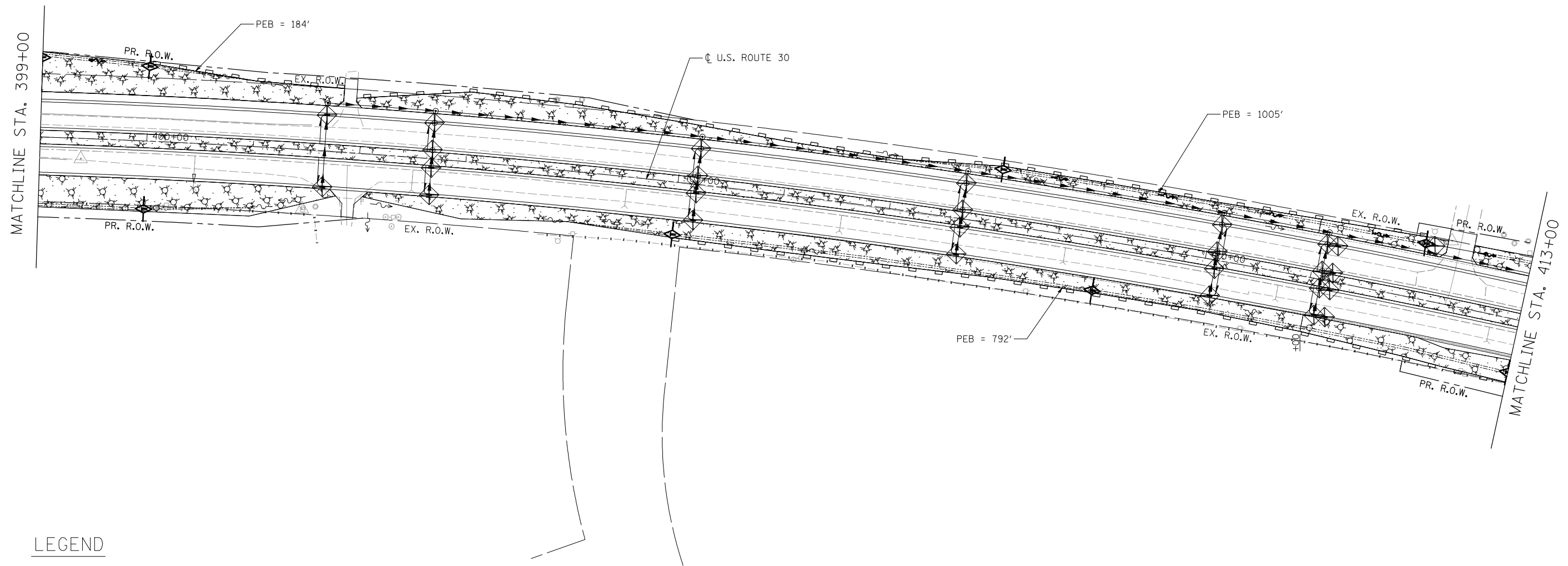
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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION








TEMPORARY EROSION CONTROL PLAN
U.S. ROUTE 30 - BRIARCLIFF RD. TO U.S. ROUTE 34

SCALE: 1"=50' SHEET NO. 7 OF 10 SHEETS STA. 385+00.00 TO STA. 399+00.00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
349	11 WRS-3	KENDALL	527	148
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT			CONTRACT NO. 60I32	

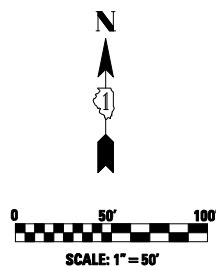


LEGEND

-  TEMPORARY EROSION CONTROL SEEDING
-  MULCH, METHOD 2
-  MULCH, METHOD 3 / EROSION CONTROL BLANKET (SEE NOTES)
-  PERIMETER EROSION BARRIER (PEB)
-  TEMPORARY DITCH CHECK
-  INLET FILTER/INLET & PIPE PROTECTION
-  SEDIMENT BASIN

NOTES:

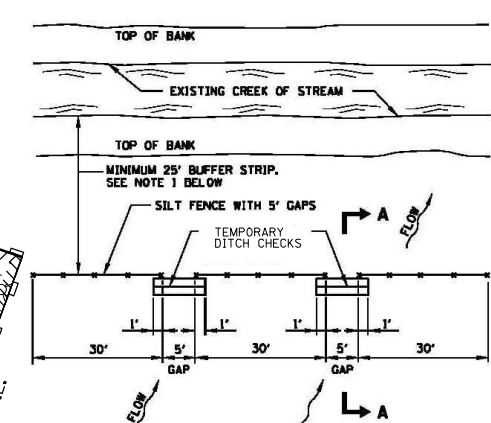
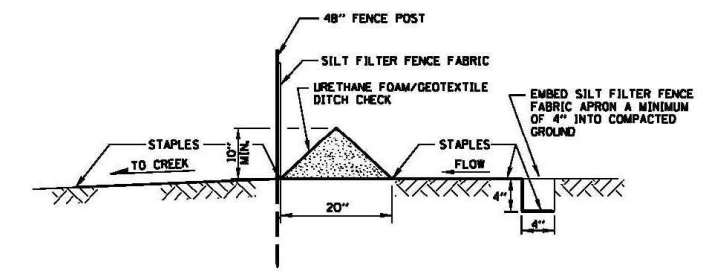
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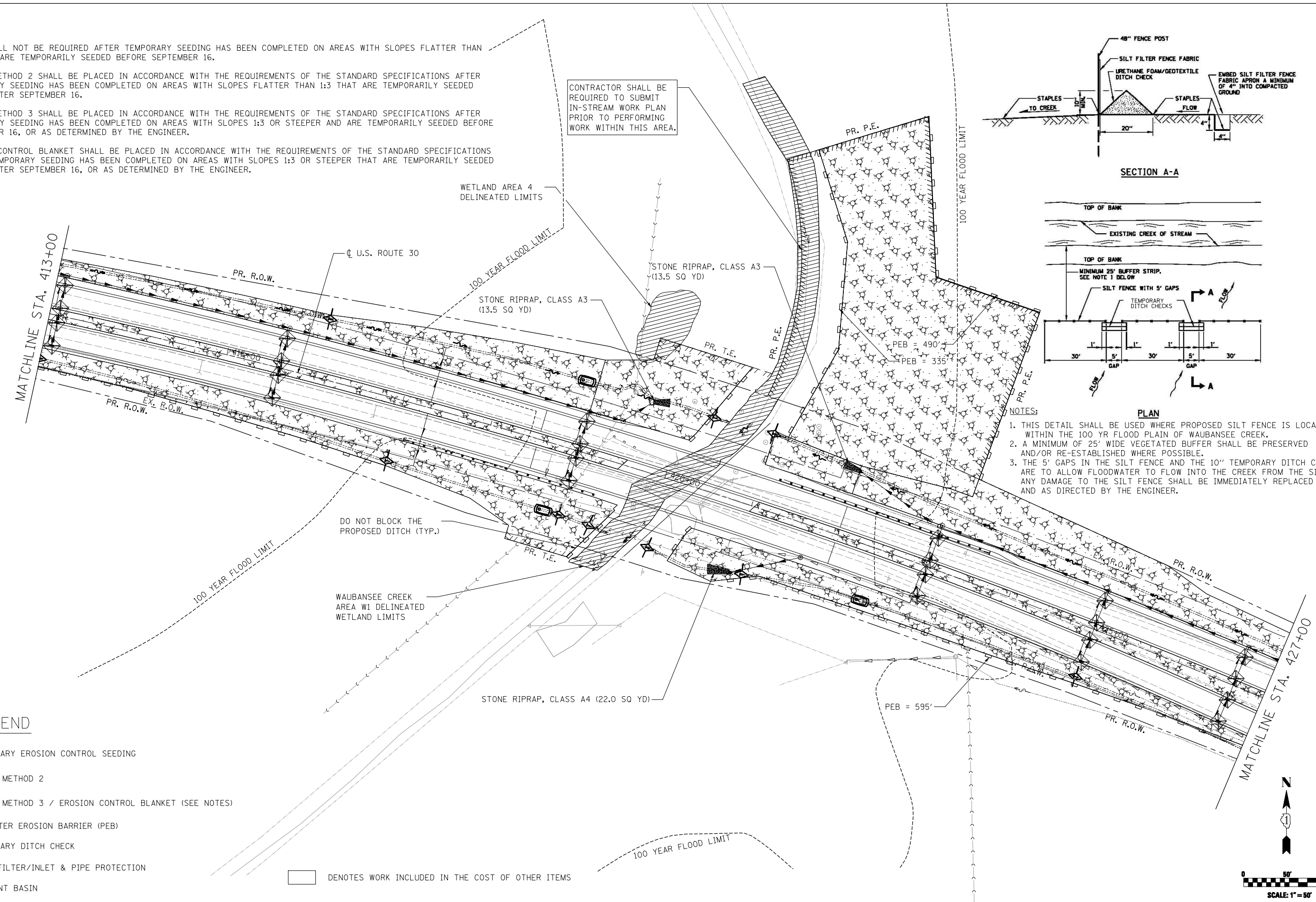
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CONTRACTOR SHALL BE REQUIRED TO SUBMIT IN-STREAM WORK PLAN PRIOR TO PERFORMING WORK WITHIN THIS AREA.



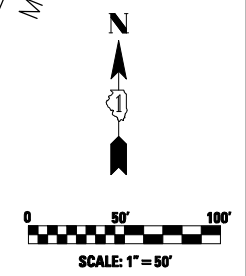
- NOTES:
- THIS DETAIL SHALL BE USED WHERE PROPOSED SILT FENCE IS LOCATED WITHIN THE 100 YR FLOOD PLAIN OF WAUBANSEE CREEK.
 - A MINIMUM OF 25' WIDE VEGETATED BUFFER SHALL BE PRESERVED AND/OR RE-ESTABLISHED WHERE POSSIBLE.
 - THE 5' GAPS IN THE SILT FENCE AND THE 10" TEMPORARY DITCH CHECKS ARE TO ALLOW FLOODWATER TO FLOW INTO THE CREEK FROM THE SITE. ANY DAMAGE TO THE SILT FENCE SHALL BE IMMEDIATELY REPLACED AND AS DIRECTED BY THE ENGINEER.



LEGEND

- TEMPORARY EROSION CONTROL SEEDING
- MULCH, METHOD 2
- MULCH, METHOD 3 / EROSION CONTROL BLANKET (SEE NOTES)
- PERIMETER EROSION BARRIER (PEB)
- TEMPORARY DITCH CHECK
- INLET FILTER/INLET & PIPE PROTECTION
- SEDIMENT BASIN

DENOTES WORK INCLUDED IN THE COST OF OTHER ITEMS



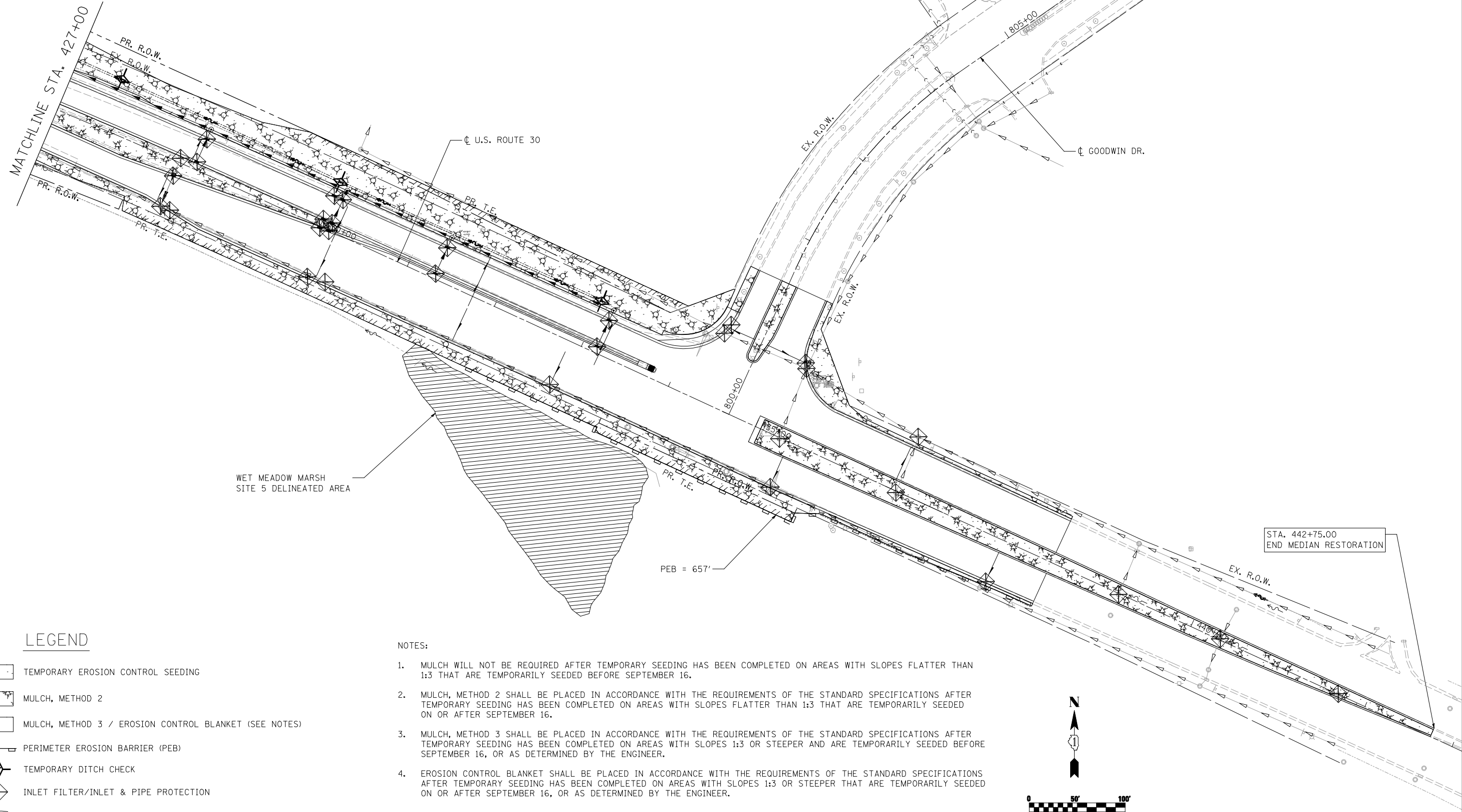
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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION








TEMPORARY EROSION CONTROL PLAN
U.S. ROUTE 30 - BRIARCLIFF RD. TO U.S. ROUTE 34
SCALE: 1"=50' SHEET NO. 9 OF 10 SHEETS STA. 413+00.00 TO STA. 427+00.00

F.A.P. RTE. 349	SECTION 11 WRS-3	COUNTY KENDALL	TOTAL SHEETS 527	SHEET NO. 150
CONTRACT NO. 60132				
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				

MATCHLINE STA. 427+00



LEGEND

-  TEMPORARY EROSION CONTROL SEEDING
-  MULCH, METHOD 2
-  MULCH, METHOD 3 / EROSION CONTROL BLANKET (SEE NOTES)
-  PERIMETER EROSION BARRIER (PEB)
-  TEMPORARY DITCH CHECK
-  INLET FILTER/INLET & PIPE PROTECTION
-  SEDIMENT BASIN

NOTES:

1. MULCH WILL NOT BE REQUIRED AFTER TEMPORARY SEEDING HAS BEEN COMPLETED ON AREAS WITH SLOPES FLATTER THAN 1:3 THAT ARE TEMPORARILY SEEDED BEFORE SEPTEMBER 16.
2. MULCH, METHOD 2 SHALL BE PLACED IN ACCORDANCE WITH THE REQUIREMENTS OF THE STANDARD SPECIFICATIONS AFTER TEMPORARY SEEDING HAS BEEN COMPLETED ON AREAS WITH SLOPES FLATTER THAN 1:3 THAT ARE TEMPORARILY SEEDED ON OR AFTER SEPTEMBER 16.
3. MULCH, METHOD 3 SHALL BE PLACED IN ACCORDANCE WITH THE REQUIREMENTS OF THE STANDARD SPECIFICATIONS AFTER TEMPORARY SEEDING HAS BEEN COMPLETED ON AREAS WITH SLOPES 1:3 OR STEEPER AND ARE TEMPORARILY SEEDED BEFORE SEPTEMBER 16, OR AS DETERMINED BY THE ENGINEER.
4. EROSION CONTROL BLANKET SHALL BE PLACED IN ACCORDANCE WITH THE REQUIREMENTS OF THE STANDARD SPECIFICATIONS AFTER TEMPORARY SEEDING HAS BEEN COMPLETED ON AREAS WITH SLOPES 1:3 OR STEEPER THAT ARE TEMPORARILY SEEDED ON OR AFTER SEPTEMBER 16, OR AS DETERMINED BY THE ENGINEER.



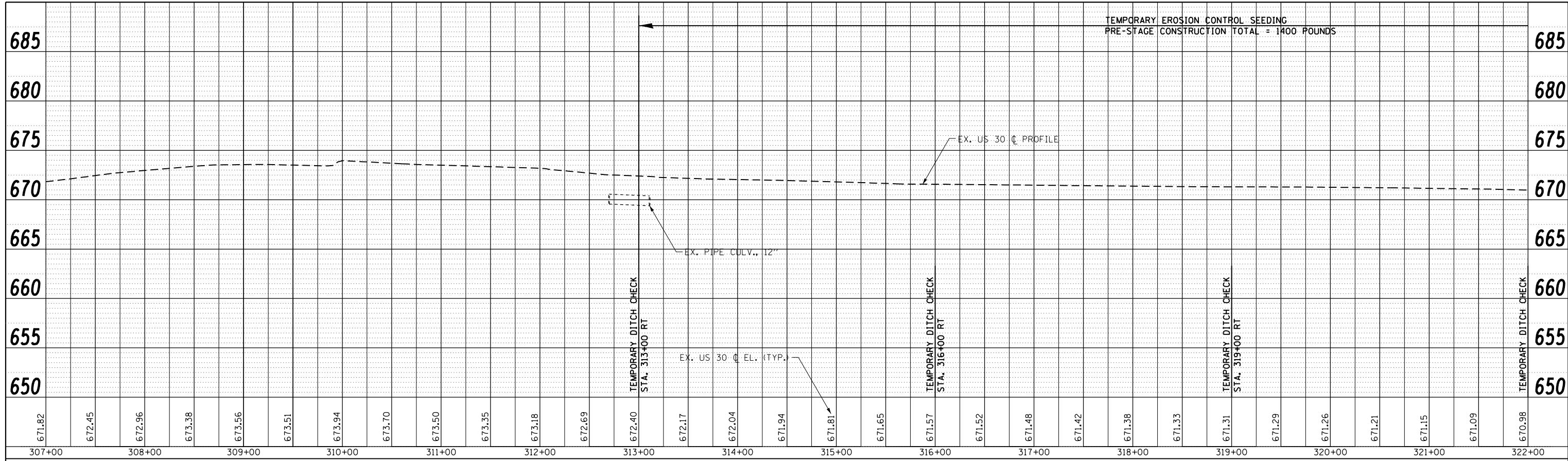
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	DRAWN - RWK	REVISED -
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PLOT DATE = 4/26/2012	DATE - 04/2012	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

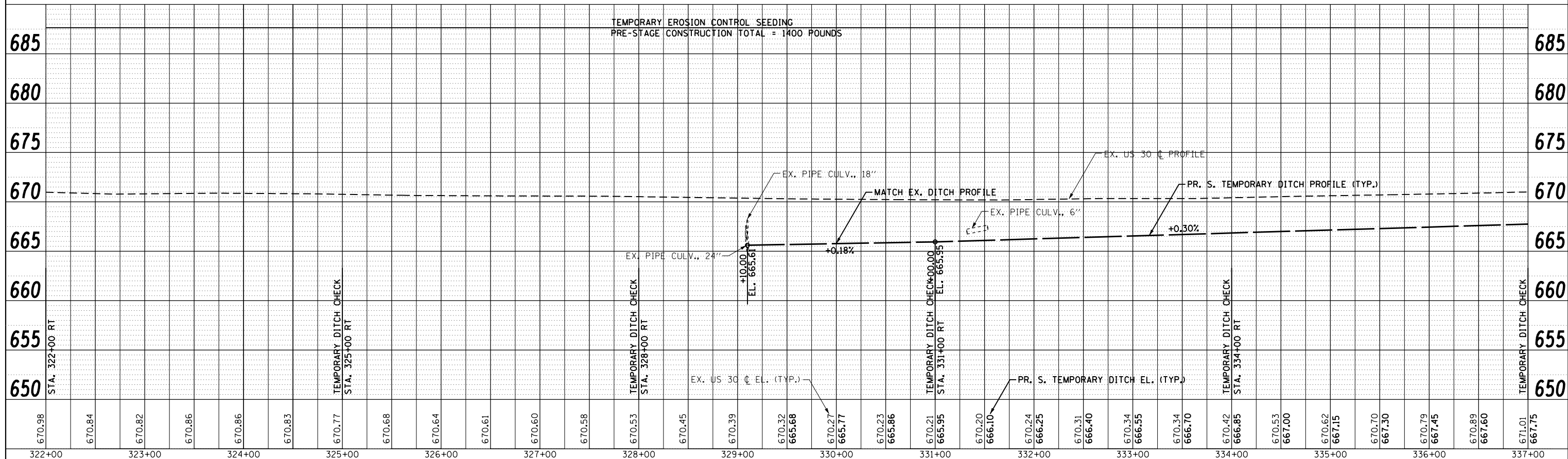
TEMPORARY EROSION CONTROL PLAN
U.S. ROUTE 30 - BRIARCLIFF RD. TO U.S. ROUTE 34
SCALE: 1"=50' SHEET NO. 10 OF 10 SHEETS STA. 427+00.00 TO STA. 442+75.00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
349	11 WRS-3	KENDALL	527	151
CONTRACT NO. 60132				
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				

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



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



1170 SOUTH HOUBOLT ROAD
JOLIET, ILLINOIS 60311
STRAND ENGINEERS
(815) 744-4200

FILE NAME =	USER NAME = amandaj	DESIGNED	NJO	REVISED	-
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PLOT DATE = 4/26/2012		CHECKED	MAG	REVISED	-

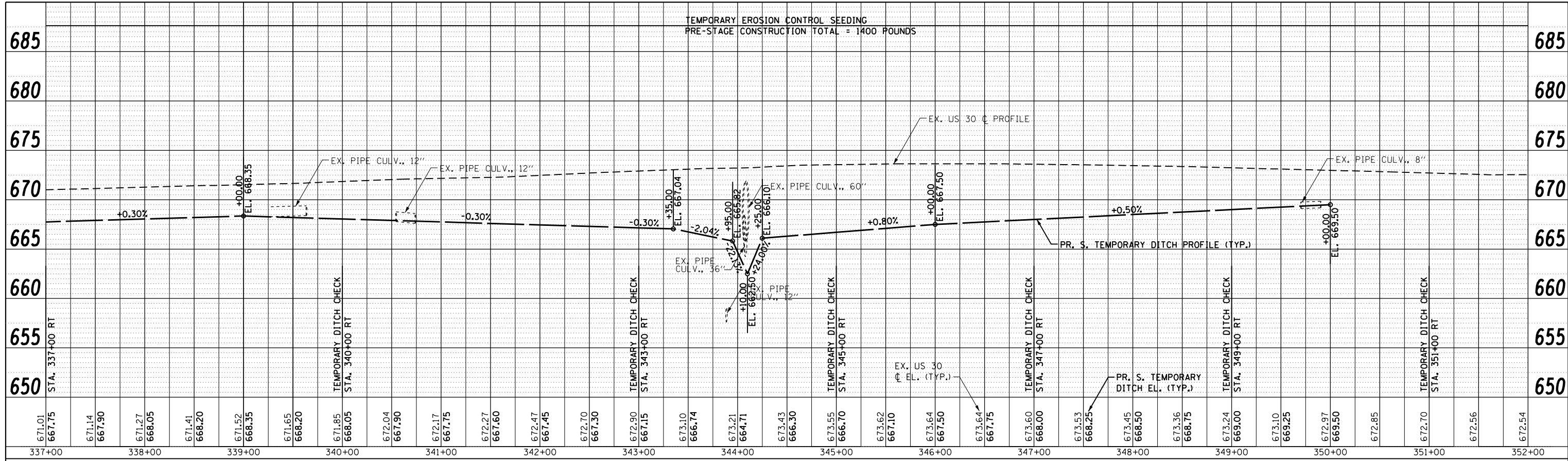
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

US 30 TEMPORARY DITCH PROFILE

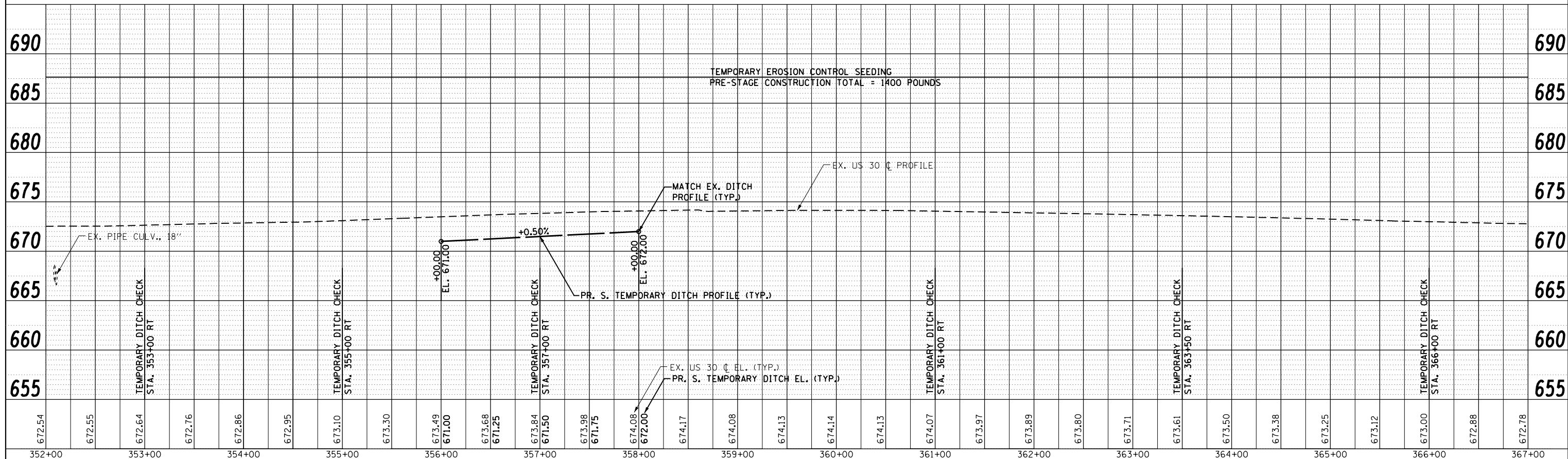
SCALE: SHEET NO. 1 OF 5 SHEETS STA. 307+00 TO STA. 337+00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
349	11 WRS-3	KENDALL	527	152
CONTRACT NO.			60132	
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				

PLAN	SURVEYED	BY	DATE
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	NO. _____		
	CADD FILE NAME		



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



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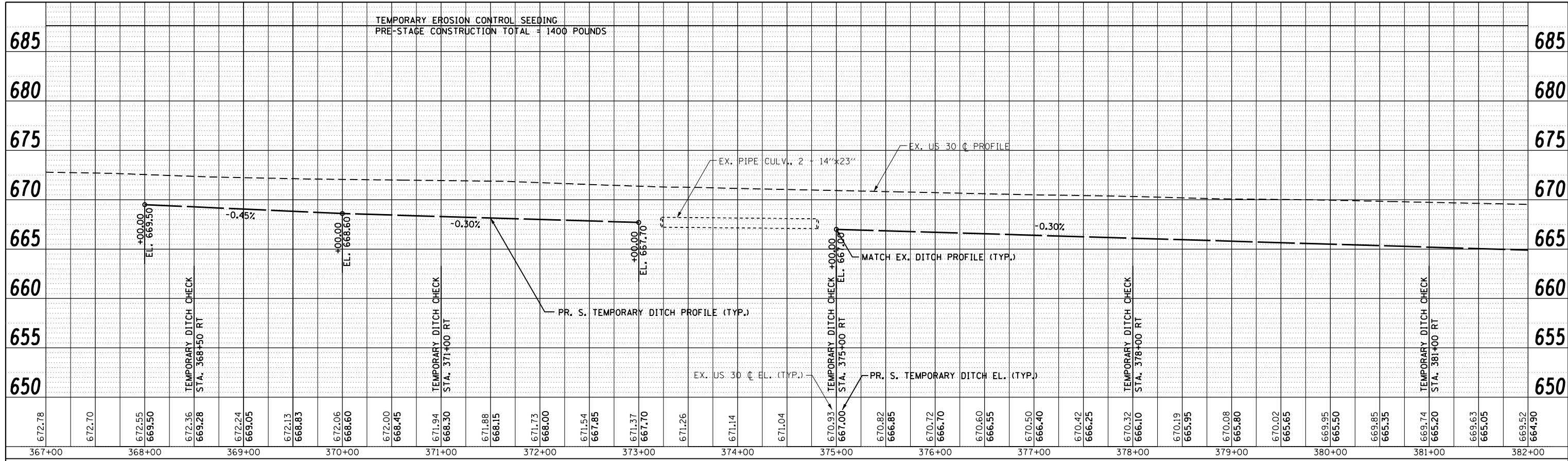
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

US 30 TEMPORARY DITCH PROFILE

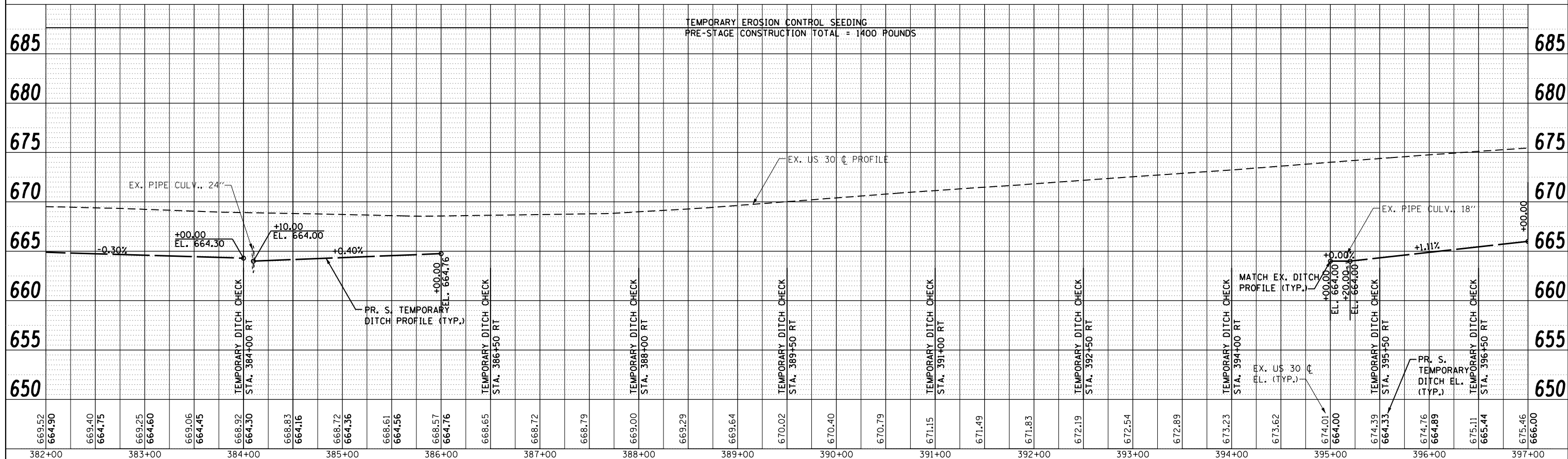
SCALE: SHEET NO. 2 OF 5 SHEETS STA. 337+00 TO STA. 367+00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
349	11 WRS-3	KENDALL	527	153
CONTRACT NO.			60132	
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				

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	ALIGNED		
	CHECKED		
	NO. _____		
	CARD FILE NAME		



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



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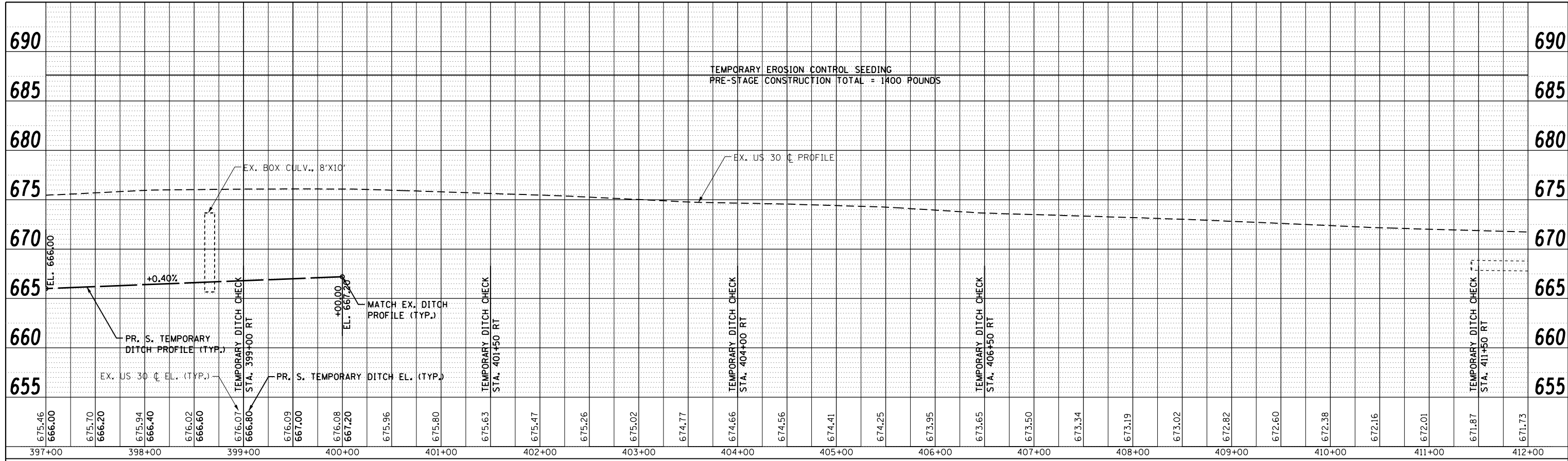
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

US 30 TEMPORARY DITCH PROFILE

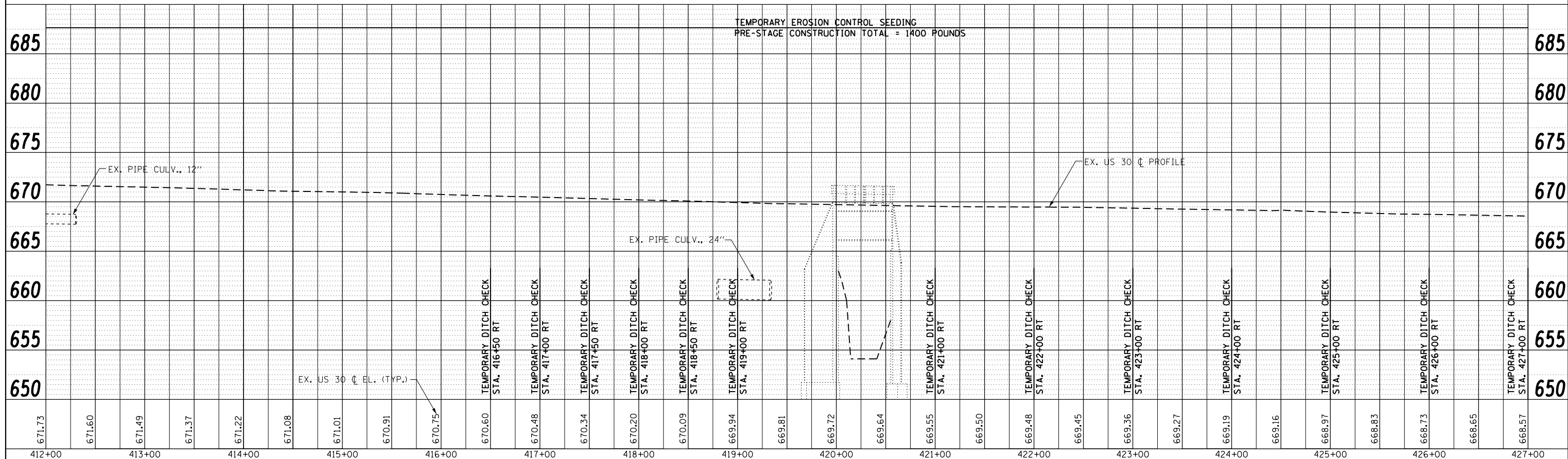
SCALE: SHEET NO. 3 OF 5 SHEETS STA. 367+00 TO STA. 397+00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
349	11 WRS-3	KENDALL	527	154
CONTRACT NO. 60132			FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT	

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



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JOLIET, ILLINOIS 60311	ENGINEERS
(815) 744-4200	

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**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

US 30 TEMPORARY DITCH PROFILE

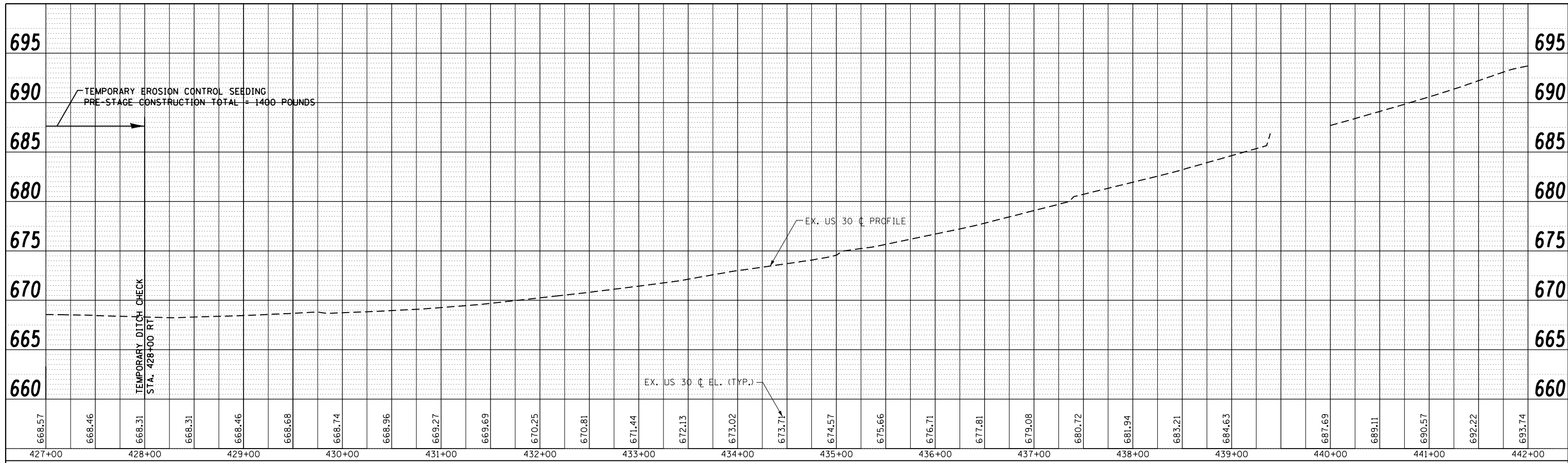
SCALE: SHEET NO. 4 OF 5 SHEETS STA. 397+00 TO STA. 427+00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
349	11 WRS-3	KENDALL	527	155
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT			CONTRACT NO. 60132	

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	NOTE BOOK NO.		
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	GRADES CHECKED		
	STRUCTURE NOTATIONS CHECKED		
	NOTE BOOK NO.		
	STRUCTURE		

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JOLIET, ILLINOIS 60431
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**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

US 30 TEMPORARY DITCH PROFILE		
SCALE:	SHEET NO. 5 OF 5 SHEETS	STA. 427+00 TO STA. 442+00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
349	11 WRS-3	KENDALL	527	156
			CONTRACT NO. 60132	
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				

EXISTING STRUCTURE SCHEDULE										
STRUCTURE NO.	STRUCTURE TYPE	ROADWAY	STATION	OFFSET	RT/LT	RIM ELEV	GRATE/LID	PRE-STAGE RIM ELEV.	PROP. RIM ELEV.	TREATMENT
100	M.H.	US 30	306+49.36	48.81	LT	670.8	CLOSED LID			NONE
101	M.H.	US 30	307+00.73	48.16	LT	667.86	GRATE		669.61	RECONSTRUCT
102	INLET	US 30	307+02.22	35.12	LT	671.52	GRATE			NONE
103	C.B.	US 30	308+36.13	34.51	LT	672.40	GRATE			NONE
104	M.H.	US 30	309+36.99	37.11	LT	673.07	CLOSED LID			NONE
105	M.H.	US 30	310+96.54	35.58	LT	672.43	GRATE			NONE
106	C.B.	US 30	311+60.54	35.46	RT	673.71	GRATE			REMOVE
107	C.B.	US 30	311+60.46	6.39	RT	673.12	GRATE			REMOVE
108	C.B.	US 30	311+61.76	35.60	LT	672.30	GRATE			REMOVE
109	M.H.	US 30	314+24.33	37.88	LT	671.02	CLOSED LID			REMOVE
110	M.H.	US 30	314+89.61	38.71	LT	670.65	CLOSED LID			REMOVE
111	M.H.	US 30	343+89.82	70.42	LT	666.94	CLOSED LID			NONE
112	M.H.	US 30	418+99.72	63.51	RT	665.82	CLOSED LID			NONE
113	M.H.	US 30	419+12.64	71.20	RT	664.49	CLOSED LID			NONE
114	M.H.	US 30	419+41.78	80.41	LT	665.73	CLOSED LID			NONE
115	M.H.	US 30	421+69.24	36.58	RT	665.40	CLOSED LID			REMOVE
116	M.H.	US 30	423+57.13	39.08	RT	665.87	CLOSED LID		670.22	RECONSTRUCT
117	M.H.	US 30	425+52.68	42.28	RT	667.46	CLOSED LID		669.63	RECONSTRUCT
118	INLET	US 30	428+38.08	4.74	LT	668.07	GRATE			REMOVE
119	M.H.	US 30	428+38.95	49.74	RT	666.90	GRATE		668.77	ADJUST SPECIAL
120	M.H.	US 30	428+50.16	49.71	RT	666.93	GRATE		668.74	ADJUST SPECIAL
121	M.H.	US 30	430+29.08	50.62	RT	667.54	GRATE		668.11	ADJUST SPECIAL
122	M.H.	US 30	432+87.49	50.33	RT	669.86	GRATE		669.85	ADJUST SPECIAL
123	M.H.	US 30	434+29.94	74.85	LT	672.43	GRATE		672.3	ADJUST
124	INLET	US 30	434+32.28	81.99	LT	672.46	GRATE		672.39	F & G ADJUST
125	INLET	US 30	435+20.01	82.11	LT	672.34	GRATE		672.8	F & G ADJUST
126	M.H.	US 30	435+23.11	77.12	LT	672.31	GRATE		672.95	F & G ADJUST
127	INLET	US 30	435+27.86	1.11	RT	675.46	GRATE	675.26	674.18	• PRESTAGE - NEW TYPE 1, CLID, STAGE III - ADJUST W/ TYPE 8
128	M.H.	US 30	435+39.80	50.03	RT	674.50	GRATE		674.47	ADJUST SPECIAL
129	M.H.	US 30	436+60.35	49.95	LT	677.16	GRATE		677.46	ADJUST SPECIAL
130	INLET	US 30	436+61.88	1.42	RT	678.20	GRATE	678.25	677.48	• PRESTAGE - NEW TYPE 1, CLID, STAGE III - ADJUST W/ TYPE 8
131	M.H.	US 30	437+82.93	55.16	RT	680.39	CLOSED LID			NONE
132	C.B.	US 30	437+86.10	46.80	RT	680.51	GRATE		680.57	F & G ADJUST
133	INLET	US 30	439+17.50	1.02	RT	685.34	GRATE	685.21	685.34	• PRESTAGE - NEW TYPE 1, CLID, STAGE III - ADJUST W/ TYPE 8
134	INLET	US 30	440+33.17	0.88	LT	688.54	GRATE	688.55	688.54	• PRESTAGE - NEW TYPE 1, CLID, STAGE III - ADJUST W/ TYPE 8
135	INLET	US 30	441+69.13	0.00	-	692.65	GRATE	692.45	692.65	• PRESTAGE - NEW TYPE 1, CLID, STAGE III - ADJUST W/ TYPE 8
136	INLET	DOUGLAS RD.	208+32.28	35.89	LT	673.66	GRATE			NONE
137	M.H.	DOUGLAS RD.	209+36.52	35.05	RT	673.30	GRATE			• PRESTAGE - NEW TYPE 1, CLID, STAGE III - REMOVE
138	M.H.	DOUGLAS RD.	209+35.67	35.98	LT	673.43	GRATE			REMOVE
139	INLET	DOUGLAS RD.	212+25.15	32.01	LT	671.32	GRATE		671.11	ADJUST
140	INLET	DOUGLAS RD.	212+23.09	32.02	RT	676.15	GRATE			REMOVE
141	INLET	FIFTH ST.	502+90.67	32.22	LT	668.13	GRATE		668.1	F & G ADJUST
142	M.H.	FIFTH ST.	502+93.64	32.81	RT	668.31	GRATE		668.12	ADJUST
143	M.H.	FIFTH ST.	506+22.76	31.98	RT	669.41	GRATE		670.35	F & G ADJUST
144	M.H.	FIFTH ST.	506+36.29	31.22	RT	669.62	CLOSED LID		670.28	F & L ADJUST
145	M.H.	FIFTH ST.	507+05.24	39.03	LT	668.75	GRATE		668.56	ADJUST
146	M.H.	FIFTH ST.	507+46.50	39.76	LT	668.90	GRATE		668.09	F & G ADJUST
147	V.V.	US 30	401+61.57	52.63	RT	670.37	CLOSED LID		670.43	V.V. TO BE ADJUSTED
148	V.V.	DOUGLAS RD.	211+31.66	42.05	LT	673.62	CLOSED LID		673.28	V.V. TO BE ADJUSTED
149	V.V.	DOUGLAS RD.	211+52.17	57.04	RT	670.14	CLOSED LID		670.14	V.V. TO BE ADJUSTED
150	V.V.	FIFTH ST.	504+81.43	42.69	LT	669.95	CLOSED LID	669.73	670.78	V.V. TO BE ADJUSTED

1170 SOUTH HOUBOLT ROAD
JOLIET, ILLINOIS 60431
(815) 744-4200

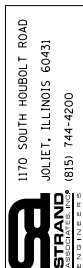


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		DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

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

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
349	11 WRS-3	KENDALL	527	157
CONTRACT NO. 60132				
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				



PROPOSED DRAINAGE STRUCTURE SCHEDULE										
STRUCTURE NO.	STRUCTURE TYPE	ROADWAY	STATION	OFFSET	RIM ELEV	INV (N)	INV (S)	INV (W)	INV (E)	STAGE
S-100	MANHOLES, TYPE A, 5'-DIAMETER, TYPE 24 FRAME AND GRATE	US 30	311+68	8 LT	672.63	666.78	667.18		666.68	PRE-STAGE
S-101	MANHOLES, TYPE A, 5'-DIAMETER, TYPE 24 FRAME AND GRATE	US 30	311+68	34 LT	671.91		666.85	667.36		1
S-102	INLETS, TYPE A, TYPE 24 FRAME AND GRATE	US 30	311+58	8 RT	672.61	667.54	667.64			2
S-103	INLETS, TYPE B, TYPE 24 FRAME AND GRATE	US 30	311+58	34 RT	673.32	668.12				2
S-104	MANHOLES, TYPE A, 4'-DIAMETER, TYPE 24 FRAME AND GRATE	US 30	312+75	8 LT	672.18		666.77	666.37	666.27	PRE-STAGE
S-105	INLETS, TYPE A, TYPE 24 FRAME AND GRATE	US 30	312+75	8 RT	672.18	667.13				2
S-106	MANHOLES, TYPE A, 5'-DIAMETER, TYPE 24 FRAME AND GRATE	US 30	314+00	8 LT	671.68	666.21	666.31	665.89	665.81	1
S-107	INLETS, TYPE A, TYPE 24 FRAME AND GRATE	US 30	314+00	34 LT	671.01		666.45			1
S-108	INLETS, TYPE B, TYPE 24 FRAME AND GRATE	US 30	314+00	8 RT	671.68	666.85	666.95			2
S-109	INLETS, TYPE A, TYPE 24 FRAME AND GRATE	US 30	314+00	34 RT	672.35	667.19				2
S-110	MANHOLES, TYPE A, 6'-DIAMETER, TYPE 24 FRAME AND GRATE	US 30	315+90	8 LT	670.92	665.50	665.75	665.25	664.75	1
S-111	INLETS, TYPE A, TYPE 24 FRAME AND GRATE	US 30	315+90	34 LT	670.25		665.74			1
S-112	INLETS, TYPE A, TYPE 24 FRAME AND GRATE	US 30	315+90	8 RT	670.92	665.93	665.93	664.31	664.31	2
S-113	INLETS, TYPE B, TYPE 24 FRAME AND GRATE	US 30	315+90	34 RT	671.59	666.17				2
S-114	MANHOLES, TYPE A, 6'-DIAMETER, TYPE 24 FRAME AND GRATE	US 30	317+00	8 LT	670.48	664.79		664.33	664.23	1
S-115	INLETS, TYPE A, TYPE 8 GRATE	US 30	317+00	42 LT	668.28		665.08			1
S-115A	INLETS, TYPE A, TYPE 24 FRAME AND GRATE	US 30	317+30	34 LT	669.69				665.28	
S-116	MANHOLES, TYPE A, 6'-DIAMETER, TYPE 24 FRAME AND GRATE	US 30	317+80	8 LT	670.16	664.94	664.87	664.10	664.00	1
S-117	INLETS, TYPE A, TYPE 24 FRAME AND GRATE	US 30	317+80	34 LT	669.68		665.18			1
S-118	INLETS, TYPE B, TYPE 24 FRAME AND GRATE	US 30	317+80	8 RT	670.16	664.96	665.06			2
S-119	INLETS, TYPE A, TYPE 24 FRAME AND GRATE	US 30	317+80	34 RT	670.47	665.18				2
S-120	MANHOLES, TYPE A, 6'-DIAMETER, TYPE 24 FRAME AND GRATE	US 30	318+90	8 LT	669.86			663.84	663.84	1
S-121	MANHOLES, TYPE A, 6'-DIAMETER, TYPE 24 FRAME AND GRATE	US 30	319+00	8 LT	669.83	664.73	664.55	663.84	663.84	1
S-122	INLETS, TYPE A, TYPE 24 FRAME AND GRATE	US 30	318+90	34 LT	669.38				664.91	1
S-123	INLETS, TYPE B, TYPE 24 FRAME AND GRATE	US 30	319+00	34 LT	669.35		664.85	664.85		1
S-124	INLETS, TYPE A, TYPE 24 FRAME AND GRATE	US 30	318+90	8 RT	669.86				664.80	2
S-125	INLETS, TYPE B, TYPE 24 FRAME AND GRATE	US 30	319+00	8 RT	669.83	664.64	664.74	664.74		2
S-126	INLETS, TYPE A, TYPE 24 FRAME AND GRATE	US 30	318+90	34 RT	669.38				665.02	2
S-127	INLETS, TYPE B, TYPE 24 FRAME AND GRATE	US 30	319+00	34 RT	669.35	664.86		664.96		2
S-128	MANHOLES, TYPE A, 6'-DIAMETER, TYPE 24 FRAME AND GRATE	US 30	319+70	8 LT	669.96		664.63	663.75	663.75	1
S-129	INLETS, TYPE A, TYPE 24 FRAME AND GRATE	US 30	319+70	34 LT	669.48		664.89			1
S-130	INLETS, TYPE B, TYPE 24 FRAME AND GRATE	US 30	319+70	8 RT	669.96	664.72	664.82			2
S-131	INLETS, TYPE A, TYPE 24 FRAME AND GRATE	US 30	319+70	34 RT	669.48	664.65				2
S-132	MANHOLES, TYPE A, 6'-DIAMETER, TYPE 24 FRAME AND GRATE	US 30	321+90	8 LT	670.84	664.96	664.96	663.46	663.46	1
S-133	INLETS, TYPE A, TYPE 24 FRAME AND GRATE	US 30	321+90	34 LT	670.36		665.20			1
S-134	INLETS, TYPE B, TYPE 24 FRAME AND GRATE	US 30	321+90	8 RT	670.84	665.14	665.25			2
S-135	INLETS, TYPE A, TYPE 24 FRAME AND GRATE	US 30	321+90	34 RT	670.36	665.49				2
S-136	MANHOLES, TYPE A, 5'-DIAMETER, TYPE 24 FRAME AND GRATE	US 30	323+00	8 LT	671.28		665.11	663.32	663.32	1
S-137	END SECTIONS 12"	US 30	323+00	52 RT		666.88				2
S-138	MANHOLES, TYPE A, 5'-DIAMETER, TYPE 24 FRAME AND GRATE	US 30	324+10	8 RT	671.72	664.68	664.89	663.18	663.18	1
S-139	INLETS, TYPE A, TYPE 24 FRAME AND GRATE	US 30	324+10	34 RT	671.24		664.92			1
S-140	INLETS, TYPE B, TYPE 24 FRAME AND GRATE	US 30	324+10	8 LT	671.72	665.07	665.17			2
S-141	INLETS, TYPE A, TYPE 24 FRAME AND GRATE	US 30	324+10	50 LT	671.24	665.41				2
S-142	MANHOLES, TYPE A, 5'-DIAMETER, TYPE 24 FRAME AND GRATE	US 30	326+50	8 LT	672.55			662.86	662.86	1
S-143	MANHOLES, TYPE A, 5'-DIAMETER, TYPE 24 FRAME AND GRATE	US 30	328+90	8 LT	671.57	664.05	664.05	662.55	662.55	1
S-144	INLETS, TYPE A, TYPE 24 FRAME AND GRATE	US 30	328+90	34 LT	671.09		664.29			1
S-145	INLETS, TYPE B, TYPE 24 FRAME AND GRATE	US 30	328+90	8 RT	671.57	664.23	664.33			2
S-146	INLETS, TYPE A, TYPE 24 FRAME AND GRATE	US 30	328+90	34 RT	671.09	664.57				2
S-147	MANHOLES, TYPE A, 6'-DIAMETER, TYPE 1 FRAME, CLOSED LID, RESTRICTOR PLATE	US 30	329+00	5 LT	671.94			662.50	662.50	1

FILE NAME =	USER NAME = amandaj	DESIGNED - MAG	REVISED -
st\joi\6300--6399\6346\023\micros\sh1\060132-sh1-drain00.dgn		DRAWN - AJJ	REVISED -
	PLOT SCALE = 40.0000 ' / in.	CHECKED - SUN	REVISED -
	PLOT DATE = 5/11/2012	DATE -	REVISED -

PROPOSED DRAINAGE STRUCTURE SCHEDULE															
STRUCTURE NO.	STRUCTURE TYPE	ROADWAY	STATION	OFFSET	RIM ELEV	INV (N)	INV (S)	INV (W)	INV (E)	STAGE					
S-148	MANHOLES, TYPE A, 8'-DIAMETER, TYPE 1 FRAME, CLOSED LID	US 30	329+20	5 LT	671.96	662.00	662.00	662.40	662.40	1					
S-149	MANHOLES, TYPE A, 5'-DIAMETER, TYPE 24 FRAME AND GRATE	US 30	329+20	34 LT	670.93		662.11		663.78	1					
S-150	MANHOLES, TYPE A, 5'-DIAMETER, TYPE 8 GRATE	US 30	329+20	56 RT	666.19		661.65			PRE-STAGE					
S-151	CAST-IN-PLACE REINFORCED CONCRETE END SECTIONS 36"	US 30	329+10	85 RT		661.50				PRE-STAGE					
S-152	MANHOLES, TYPE A, 6'-DIAMETER, TYPE 1 FRAME, CLOSED LID, RESTRICTOR PLATE	US 30	329+30	5 RT	671.80			662.45	662.54	1					
S-153	END SECTIONS 24"	US 30	330+00	LT 52			665.10			1					
S-153A	MANHOLES, TYPE A, 5'-DIAMETER, TYPE 24 FRAME AND GRATE	US 30	330+00	34 LT	670.53	664.44		664.44							
S-154	MANHOLES, TYPE A, 5'-DIAMETER, TYPE 24 FRAME AND GRATE	US 30	331+40	8 LT	670.31	664.40	664.40	662.82	662.82	1					
S-155	INLETS, TYPE A, TYPE 24 FRAME AND GRATE	US 30	331+40	34 LT	669.83		664.64			1					
S-156	INLETS, TYPE B, TYPE 24 FRAME AND GRATE	US 30	331+40	8 RT	670.31	664.58	664.68			2					
S-157	INLETS, TYPE A, TYPE 24 FRAME AND GRATE	US 30	331+40	34 RT	669.83	664.92				2					
S-158	MANHOLES, TYPE A, 5'-DIAMETER, TYPE 24 FRAME AND GRATE	US 30	333+80	8 LT	669.14	664.03	663.60	663.13	663.63	1					
S-159	INLETS, TYPE A, TYPE 24 FRAME AND GRATE	US 30	333+80	34 LT	668.66		664.15			1					
S-160	MANHOLES, TYPE A, 4'-DIAMETER, TYPE 24 FRAME AND GRATE	US 30	333+80	8 RT	669.14	663.69	663.79			2					
S-161	INLETS, TYPE B, TYPE 24 FRAME AND GRATE	US 30	333+80	34 RT	668.66	663.90	664.40			2					
S-162	END SECTIONS 12"	US 30	333+80	47 RT		666.10				2					
S-163	MANHOLES, TYPE A, 5'-DIAMETER, TYPE 24 FRAME AND GRATE	US 30	334+29	8 LT	669.06	663.96	663.88	663.72	663.72	1					
S-164	INLETS, TYPE B, TYPE 24 FRAME AND GRATE	US 30	334+29	34 LT	668.58		664.07		664.07	1					
S-165	INLETS, TYPE A, TYPE 24 FRAME AND GRATE	US 30	334+39	34 LT	668.58			664.13		1					
S-166	MANHOLES, TYPE A, 4'-DIAMETER, TYPE 24 FRAME AND GRATE	US 30	334+29	8 RT	669.06	663.97	663.97		663.97	2					
S-167	INLETS, TYPE A, TYPE 24 FRAME AND GRATE	US 30	334+39	8 RT	669.06			664.03		2					
S-168	INLETS, TYPE B, TYPE 24 FRAME AND GRATE	US 30	334+29	34 RT	668.58	664.08			664.08	2					
S-169	INLETS, TYPE A, TYPE 24 FRAME AND GRATE	US 30	334+39	34 RT	668.58			664.14		2					
S-170	MANHOLES, TYPE A, 5'-DIAMETER, TYPE 24 FRAME AND GRATE	US 30	334+39	8 LT	669.06			663.79	663.81	1					
S-171	MANHOLES, TYPE A, 5'-DIAMETER, TYPE 24 FRAME AND GRATE	US 30	336+80	8 LT	670.03	664.92	664.81	664.38	664.73	1					
S-172	INLETS, TYPE A, TYPE 24 FRAME AND GRATE	US 30	336+80	34 LT	669.55		665.04			1					
S-173	INLETS, TYPE B, TYPE 24 FRAME AND GRATE	US 30	336+80	8 RT	670.03	664.89	664.93			2					
S-174	INLETS, TYPE A, TYPE 24 FRAME AND GRATE	US 30	336+80	34 RT	669.55	665.04				2					
S-175	MANHOLES, TYPE A, 4'-DIAMETER, TYPE 24 FRAME AND GRATE	US 30	338+80	8 LT	670.94	665.61	665.58	665.37		1					
S-176	INLETS, TYPE A, TYPE 24 FRAME AND GRATE	US 30	338+80	34 LT	670.46		665.85			1					
S-177	INLETS, TYPE B, TYPE 24 FRAME AND GRATE	US 30	338+80	8 RT	670.94	665.67	665.76			2					
S-178	INLETS, TYPE A, TYPE 24 FRAME AND GRATE	US 30	338+80	34 RT	670.46	665.88				2					
S-200	MANHOLES, TYPE A, 4'-DIAMETER, TYPE 24 FRAME AND GRATE	US 30	340+80	8 LT	671.84	666.34	666.34		665.34	1					
S-201	INLETS, TYPE A, TYPE 24 FRAME AND GRATE	US 30	340+80	34 LT	671.36		666.58			1					
S-202	INLETS, TYPE B, TYPE 24 FRAME AND GRATE	US 30	340+80	8 RT	671.84	666.52	666.61			2					
S-203	INLETS, TYPE A, TYPE 24 FRAME AND GRATE	US 30	340+80	34 RT	671.36	666.85				2					
S-204	MANHOLES, TYPE A, 5'-DIAMETER, TYPE 24 FRAME AND GRATE	US 30	343+10	8 LT	672.88	665.84	665.84	664.94	664.84	1					
S-205	INLETS, TYPE A, TYPE 24 FRAME AND GRATE	US 30	343+10	34 LT	672.40		666.08			1					
S-206	INLETS, TYPE B, TYPE 24 FRAME AND GRATE	US 30	343+10	8 RT	672.88	666.02	666.12			2					
S-207	INLETS, TYPE A, TYPE 24 FRAME AND GRATE	US 30	343+10	34 RT	672.40	666.36				2					
S-208	MANHOLES, TYPE A, 8'-DIAMETER, TYPE 1 FRAME, CLOSED LID	US 30	344+25	3 LT	673.84	662.97	662.97	664.00	663.15	1					
S-209	CAST-IN-PLACE REINFORCED CONCRETE END SECTIONS 60" SPECIAL	US 30	344+25	52 LT			663.40			PRE-STAGE					
S-210	CAST-IN-PLACE REINFORCED CONCRETE END	US 30	344+10	49 RT				662.85		2					
S-211	MANHOLES, TYPE A, 6'-DIAMETER, TYPE 1 FRAME, CLOSED LID, RESTRICTOR PLATE	US 30	344+40	4 LT				663.20	663.21	2					
S-212	MANHOLES, TYPE A, 5'-DIAMETER, TYPE 24 FRAME AND GRATE	US 30	352+09	13 LT	671.13			664.31	664.31	2					

F.A.P. RTE. 349	SECTION 11 WRS-3	COUNTY KENDALL	TOTAL SHEETS 527	SHEET NO. 158
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				

STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION		DRAINAGE SCHEDULES		
SCALE:	SHEET NO.	OF SHEETS	STA. TO STA.	

PROPOSED DRAINAGE STRUCTURE SCHEDULE										
STRUCTURE NO.	STRUCTURE TYPE	ROADWAY	STATION	OFFSET	RIM ELEV	INV (N)	INV (S)	INV (W)	INV (E)	STAGE
S-213	MANHOLES, TYPE A, 8'-DIAMETER, TYPE 24 FRAME AND GRATE	US 30	344+25	34 RT	672.65 672.92	662.97	662.97			PRE-STAGE 1
S-214	MANHOLES, TYPE A, 5'-DIAMETER, TYPE 24 FRAME AND GRATE	US 30	348+10	8 LT	672.88	665.20	665.20	663.70	663.70	1
S-215	INLETS, TYPE A, TYPE 24 FRAME AND GRATE	US 30	348+10	34 LT	672.40		665.44			1
S-216	INLETS, TYPE B, TYPE 24 FRAME AND GRATE	US 30	348+10	8 RT	672.88	665.38	665.48			2
S-217	INLETS, TYPE A, TYPE 24 FRAME AND GRATE	US 30	348+10	34 RT	672.40	665.72				2
S-218	MANHOLES, TYPE A, 5'-DIAMETER, TYPE 24 FRAME AND GRATE	US 30	350+30	8 LT	671.89	665.48	665.48	663.98	664.08	1
S-219	INLETS, TYPE A, TYPE 24 FRAME AND GRATE	US 30	350+30	34 LT	671.41		665.72			1
S-220	INLETS, TYPE B, TYPE 24 FRAME AND GRATE	US 30	350+30	8 RT	671.89	665.66	665.86			2
S-221	INLETS, TYPE A, TYPE 24 FRAME AND GRATE	US 30	350+30	34 RT	671.41	666.10				2
S-222	MANHOLES, TYPE A, 5'-DIAMETER, TYPE 24 FRAME AND GRATE	US 30	352+30	13 LT	671.22			664.31	664.32	1
S-223	MANHOLES, TYPE A, 5'-DIAMETER, TYPE 24 FRAME AND GRATE	US 30	352+20	13 LT	671.25	665.82	665.57	664.31	664.80	1
S-224	INLETS, TYPE A, TYPE 24 FRAME AND GRATE	US 30	352+30	39 LT	670.77				666.12	1
S-225	MANHOLES, TYPE A, 4'-DIAMETER, TYPE 24 FRAME AND GRATE	US 30	352+20	39 LT	670.74	666.20	666.06	666.06		1
S-226	END SECTIONS 15"	US 30	352+20	53 LT			667.40			1
S-227	INLETS, TYPE A, TYPE 24 FRAME AND GRATE	US 30	352+30	13 RT	671.22				665.72	2
S-228	MANHOLES, TYPE A, 4'-DIAMETER, TYPE 24 FRAME AND GRATE	US 30	352+20	13 RT	671.19	665.66	665.76	665.66		2
S-229	INLETS, TYPE A, TYPE 24 FRAME AND GRATE	US 30	352+30	39 RT	670.74				665.90	2
S-230	MANHOLES, TYPE A, 4'-DIAMETER, TYPE 24 FRAME AND GRATE	US 30	352+20	39 RT	670.71	665.84	666.43	665.84		2
S-231	END SECTIONS 12"	US 30	352+20	51 RT			667.63			2
S-232	MANHOLES, TYPE A, 5'-DIAMETER, TYPE 24 FRAME AND GRATE	US 30	354+10	14 LT	671.89	666.15	666.15	665.15	665.65	1
S-233	INLETS, TYPE A, TYPE 24 FRAME AND GRATE	US 30	354+10	40 LT	671.41		666.39			1
S-234	INLETS, TYPE A, TYPE 24 FRAME AND GRATE	US 30	354+10	40 LT	671.41	666.43				2
S-235	MANHOLES, TYPE A, 5'-DIAMETER, TYPE 4 FRAME AND GRATE	US 30	356+00	5 LT	672.83	666.65	666.65	666.15	666.65	1
S-236	INLETS, TYPE A, TYPE 24 FRAME AND GRATE	US 30	356+00	34 LT	672.26		667.00			1
S-237	INLETS, TYPE A, TYPE 24 FRAME AND GRATE	US 30	356+00	34 RT	672.27	667.09				2
S-238	MANHOLES, TYPE A, 4'-DIAMETER, TYPE 4 FRAME AND GRATE	US 30	357+50	10 LT	673.42	668.20	668.10	668.00		1
S-239	INLETS, TYPE A, TYPE 24 FRAME AND GRATE	US 30	357+50	40 LT	672.94		668.34			1
S-240	INLETS, TYPE A, TYPE 24 FRAME AND GRATE	US 30	357+50	40 RT	672.94	668.35				2
S-241	END SECTIONS 36"	US 30	344+10	63 RT			662.50			2
S-242	END SECTIONS 36"	US 30	344+10	106 RT		662.30				2
S-300	MANHOLES, TYPE A, 4'-DIAMETER, TYPE 24 FRAME AND GRATE	US 30	360+50	40 LT	673.28		668.05		668.02	1
S-301	INLETS, TYPE A, TYPE 24 FRAME AND GRATE	US 30	360+50	40 RT	673.28	668.71				2
S-302	MANHOLES, TYPE A, 4'-DIAMETER, TYPE 24 FRAME AND GRATE	US 30	361+50	40 LT	672.98		668.04	667.58	667.24	1
S-303	INLETS, TYPE B, TYPE 4 FRAME AND GRATE	US 30	361+50	10 RT	673.46	668.29	668.32			2
S-304	INLETS, TYPE A, TYPE 24 FRAME AND GRATE	US 30	361+50	40 RT	672.98	668.47				2
S-305	MANHOLES, TYPE A, 5'-DIAMETER, TYPE 24 FRAME AND GRATE	US 30	362+70	40LT	672.58	667.04	667.94	667.04		1
S-306	MANHOLES, TYPE A, 5'-DIAMETER, TYPE 1 FRAME, CLOSED LID	US 30	362+70	50 LT	669.92		666.94		666.84	1
S-307	INLETS, TYPE B, TYPE 4 FRAME AND GRATE	US 30	362+70	8 RT	673.13	668.19	668.29			2
S-308	INLETS, TYPE A, TYPE 24 FRAME AND GRATE	US 30	362+70	40 RT	672.62	668.44				2
S-309	MANHOLES, TYPE A, 5'-DIAMETER, TYPE 1 FRAME, CLOSED LID	US 30	364+00	50 LT	671.27		667.16	666.62	666.55	1
S-310	INLETS, TYPE B, TYPE 24 FRAME AND GRATE	US 30	364+00	40 LT	672.23	667.26	667.31			1
S-311	INLETS, TYPE A, TYPE 24 FRAME AND GRATE	US 30	364+00	40 RT	672.23	667.71				2
S-312	MANHOLES, TYPE A, 5'-DIAMETER, TYPE 1 FRAME, CLOSED LID	US 30	365+70	50 LT	670.76		666.26	666.26	665.76	1
S-313	MANHOLES, TYPE A, 4'-DIAMETER, TYPE 24 FRAME AND GRATE	US 30	365+70	40 LT	671.72	666.36	666.61			1
S-314	MANHOLES, TYPE A, 4'-DIAMETER, TYPE 24 FRAME AND GRATE	US 30	365+70	14 LT	672.20	666.85	666.89			1

PROPOSED DRAINAGE STRUCTURE SCHEDULE										
STRUCTURE NO.	STRUCTURE TYPE	ROADWAY	STATION	OFFSET	RIM ELEV	INV (N)	INV (S)	INV (W)	INV (E)	STAGE
S-315	INLETS, TYPE B, TYPE 24 FRAME AND GRATE	US 30	365+70	14 RT	672.20	667.04	667.09			2
S-316	INLETS, TYPE A, TYPE 24 FRAME AND GRATE	US 30	365+70	40 RT	671.72	667.21	667.78			2
S-317	END SECTIONS 15"	US 30	365+70	56 RT		668.90				2
S-318	MANHOLES, TYPE A, 5'-DIAMETER, TYPE 1 FRAME, CLOSED LID	US 30	367+70	48 LT	670.43		665.68	665.48	665.38	1
S-319	MANHOLES, TYPE A, 4'-DIAMETER, TYPE 24 FRAME AND GRATE	US 30	367+70	38 LT	671.10	665.78	665.88			1
S-320	MANHOLES, TYPE A, 4'-DIAMETER, TYPE 24 FRAME AND GRATE	US 30	367+70	12 LT	671.60	666.12	666.22			1
S-321	INLETS, TYPE B, TYPE 24 FRAME AND GRATE	US 30	367+70	12 RT	671.60	666.34	666.44			2
S-322	INLETS, TYPE A, TYPE 24 FRAME AND GRATE	US 30	367+70	38 RT	671.10	666.56				2
S-323	MANHOLES, TYPE A, 5'-DIAMETER, TYPE 1 FRAME, CLOSED LID	US 30	369+50	44 LT	669.91		665.34	665.13	665.03	1
S-324	MANHOLES, TYPE A, 4'-DIAMETER, TYPE 24 FRAME AND GRATE	US 30	369+50	34 LT	670.58	665.39	665.64			1
S-325	MANHOLES, TYPE A, 4'-DIAMETER, TYPE 24 FRAME AND GRATE	US 30	369+50	8 LT	671.06	665.75	665.80			1
S-326	INLETS, TYPE B, TYPE 24 FRAME AND GRATE	US 30	369+50	8 RT	671.06	665.88	665.96			2
S-327	INLETS, TYPE A, TYPE 24 FRAME AND GRATE	US 30	369+50	34 RT	670.58	666.07				2
S-328	MANHOLES, TYPE A, 5'-DIAMETER, TYPE 1 FRAME, CLOSED LID	US 30	370+20	44 LT	669.87		665.13	664.90	664.80	1
S-329	INLETS, TYPE B, TYPE 24 FRAME AND GRATE	US 30	370+20	34 LT	670.37	665.23	665.48			1
S-330	INLETS, TYPE A, TYPE 24 FRAME AND GRATE	US 30	370+20	34 RT	670.37	665.82				2
S-331	MANHOLES, TYPE A, 5'-DIAMETER, TYPE 1 FRAME, CLOSED LID	US 30	370+95	44 LT	670.01		665.13	664.70	664.60	1
S-332	MANHOLES, TYPE A, 4'-DIAMETER, TYPE 24 FRAME AND GRATE	US 30	370+95	34 LT	670.25	665.20	665.45		665.20	1
S-333	INLETS, TYPE A, TYPE 24 FRAME AND GRATE	US 30	371+05	34 LT	670.26			665.26		1
S-334	INLETS, TYPE B, TYPE 24 FRAME AND GRATE	US 30	370+95	34 RT	670.25	665.79			665.79	2
S-335	INLETS, TYPE A, TYPE 24 FRAME AND GRATE	US 30	371+05	34 RT	670.26			665.85		2
S-336	MANHOLES, TYPE A, 6'-DIAMETER, TYPE 1 FRAME, CLOSED LID	US 30	372+75	44 LT	670.01		665.02	664.37	664.27	1
S-337	MANHOLES, TYPE A, 4'-DIAMETER, TYPE 24 FRAME AND GRATE	US 30	372+75	34 LT	670.69	665.10	665.35			1
S-338	MANHOLES, TYPE A, 4'-DIAMETER, TYPE 24 FRAME AND GRATE	US 30	372+75	34 RT	670.69	665.98	666.08			2
S-339	END SECTIONS 12"	US 30	372+75	51 LT			666.88			2
S-340	MANHOLES, TYPE A, 6'-DIAMETER, TYPE 1 FRAME, CLOSED LID	US 30	375+00	44 LT	671.23		665.46	663.98	663.75	1
S-341	INLETS, TYPE B, TYPE 24 FRAME AND GRATE	US 30	375+00	34 LT	671.36	665.56	665.82			1
S-342	INLETS, TYPE A, TYPE 24 FRAME AND GRATE	US 30	375+00	34 RT	671.36	666.50				2
S-343	MANHOLES, TYPE A, 6'-DIAMETER, TYPE 1 FRAME, CLOSED LID	US 30	377+85	46 LT	671.03		665.45	663.46	663.36	1
S-344	INLETS, TYPE B, TYPE 24 FRAME AND GRATE	US 30	377+85	34 LT	671.17	665.55	665.65			1
S-345	INLETS, TYPE A, TYPE 24 FRAME AND GRATE	US 30	377+85	34 RT	671.17	666.33				2
S-346	MANHOLES, TYPE A, 6'-DIAMETER, TYPE 1 FRAME, CLOSED LID	US 30	378+75	44 LT	670.67		664.91	663.26	663.16	1
S-347	INLETS, TYPE B, TYPE 24 FRAME AND GRATE	US 30	378+75	34 LT	670.81	665.01	665.36			1
S-348	INLETS, TYPE A, TYPE 24 FRAME AND GRATE	US 30	378+75	34 RT	670.81	666.04				2
S-349	MANHOLES, TYPE A, 6'-DIAMETER, TYPE 1 FRAME, CLOSED LID	US 30	381+05	44 LT	669.50		664.07	662.95	662.95	1
S-350	MANHOLES, TYPE A, 4'-DIAMETER, TYPE 24 FRAME AND GRATE	US 30	381+05	34 LT	669.89	664.17	664.27			1
S-351	MANHOLES, TYPE A, 4'-DIAMETER, TYPE 24 FRAME AND GRATE	US 30	381+05	8 LT	667.37	664.51	664.61			1
S-352	INLETS, TYPE B, TYPE 24 FRAME AND GRATE	US 30	381+05	8 RT	670.37	664.83	664.93			2
S-353	INLETS, TYPE A, TYPE 24 FRAME AND GRATE	US 30	381+05	34 RT	669.89	665.17				2
S-354	MANHOLES, TYPE A, 6'-DIAMETER, TYPE 1 FRAME, CLOSED LID	US 30	383+25	44 LT	668.75		663.85	662.70	662.69	1
S-355	MANHOLES, TYPE A, 4'-DIAMETER, TYPE 24 FRAME AND GRATE	US 30	383+25	34 LT	669.01	663.89	663.98			1
S-356	MANHOLES, TYPE A, 4'-DIAMETER, TYPE 24 FRAME AND GRATE	US 30	383+25	8 LT	669.49	664.10	664.20			1
S-357	INLETS, TYPE B, TYPE 24 FRAME AND GRATE	US 30	383+25	8 RT	669.49	664.29	664.38			2
S-358	INLETS, TYPE A, TYPE 24 FRAME AND GRATE	US 30	383+25	34 RT	669.01	664.49				2

1170 SOUTH HOOBOLT ROAD
JOLIET, ILLINOIS 60431
(815) 744-4200
STRAND ENGINEERS

PROPOSED DRAINAGE STRUCTURE SCHEDULE										
STRUCTURE NO.	STRUCTURE TYPE	ROADWAY	STATION	OFFSET	RIM ELEV	INV (N)	INV (S)	INV (W)	INV (E)	STAGE
S-359	MANHOLES, TYPE A, 6'-DIAMETER, TYPE 1 FRAME, CLOSED LID, RESTRICTOR PLATE	US 30	383+90	44 LT	668.52			662.61	662.61	1
S-359A	MANHOLES, TYPE A, 5'-DIAMETER, TYPE 1 FRAME, CLOSED LID	US 31	384+10	454L	668.47		662.72	662.59	662.59	1
S-360	MANHOLES, TYPE A, 8'-DIAMETER, TYPE 24 FRAME AND GRATE	US 30	384+20	44 LT	668.43	662.51	662.57	662.56	662.51	1
S-361	CAST-IN-PLACE REINFORCED CONCRETE END	US 30	384+10	62 LT			662.48			1
S-362	PRECAST REINFORCED CONCRETE FLARED END SECTIONS, EQUIVALENT ROUND-SIZE 24"	US 30	384+20	56 RT		663.40				1
S-363	MANHOLES, TYPE A, 6'-DIAMETER, TYPE 1 FRAME, CLOSED LID	US 30	385+45	46 LT	667.87		662.80	662.63	662.63	1
S-364	MANHOLES, TYPE A, 4'-DIAMETER, TYPE 24 FRAME AND GRATE	US 30	385+45	34 LT	668.13	662.86	662.94			1
S-365	MANHOLES, TYPE A, 4'-DIAMETER, TYPE 24 FRAME AND GRATE	US 30	385+45	8 LT	668.61	663.05	663.18			1
S-366	INLETS, TYPE B, TYPE 24 FRAME AND GRATE	US 30	385+45	8 RT	668.61	663.26	663.32			2
S-367	INLETS, TYPE A, TYPE 24 FRAME AND GRATE	US 30	385+45	34 RT	668.13	663.43				2
S-368	MANHOLES, TYPE A, 7'-DIAMETER, TYPE 1 FRAME, CLOSED LID	US 30	387+35	46 LT	667.87		662.82	662.82	663.05	1
S-369	MANHOLES, TYPE A, 4'-DIAMETER, TYPE 24 FRAME AND GRATE	US 30	387+35	34 LT	667.49	662.84	662.84	662.84		1
S-370	INLETS, TYPE A, TYPE 24 FRAME AND GRATE	US 30	387+25	34 LT	667.50				662.90	1
S-371	MANHOLES, TYPE A, 4'-DIAMETER, TYPE 24 FRAME AND GRATE	US 30	387+35	8 LT	667.97	662.92	662.94	662.92		1
S-372	INLETS, TYPE A, TYPE 24 FRAME AND GRATE	US 30	387+25	8 LT	667.98				662.98	1
S-373	MANHOLES, TYPE A, 4'-DIAMETER, TYPE 24 FRAME AND GRATE	US 30	387+35	8 RT	667.97	663.00	663.00	663.00		2
S-374	INLETS, TYPE A, TYPE 24 FRAME AND GRATE	US 30	387+25	8 RT	667.98				663.06	2
S-375	INLETS, TYPE B, TYPE 24 FRAME AND GRATE	US 30	387+35	34 RT	667.49	663.14				2
S-376	INLETS, TYPE A, TYPE 24 FRAME AND GRATE	US 30	387+25	34 RT	667.50				663.22	2
S-377	MANHOLES, TYPE A, 6'-DIAMETER, TYPE 1 FRAME, CLOSED LID	US 30	388+88	46 LT	667.88		663.26	663.25	663.65	1
S-378	MANHOLES, TYPE A, 4'-DIAMETER, TYPE 24 FRAME AND GRATE	US 30	388+88	34 LT	668.13	663.30	663.30			1
S-379	MANHOLES, TYPE A, 4'-DIAMETER, TYPE 24 FRAME AND GRATE	US 30	388+88	8 LT	668.61	663.41	663.41			1
S-380	INLETS, TYPE B, TYPE 24 FRAME AND GRATE	US 30	388+88	8 RT	668.61	663.50	663.50			2
S-381	INLETS, TYPE A, TYPE 24 FRAME AND GRATE	US 30	388+88	34 RT	668.13	663.61				2
S-382	MANHOLES, TYPE A, 5'-DIAMETER, TYPE 1 FRAME, CLOSED LID	US 30	391+08	46 LT	669.20		664.12	664.03		1
S-383	MANHOLES, TYPE A, 4'-DIAMETER, TYPE 24 FRAME AND GRATE	US 30	391+08	34 LT	669.45	664.18	664.43			1
S-384	MANHOLES, TYPE A, 4'-DIAMETER, TYPE 24 FRAME AND GRATE	US 30	391+08	8 LT	669.93	664.55	664.65			1
S-385	INLETS, TYPE B, TYPE 24 FRAME AND GRATE	US 30	391+08	8 RT	669.93	664.74	664.79			2
S-386	INLETS, TYPE A, TYPE 24 FRAME AND GRATE	US 30	391+08	34 RT	669.45	664.91				2
S-387	END SECTIONS 18"	US 30	373+16	65 LT					666.75	1
S-400	MANHOLES, TYPE A, 4'-DIAMETER, TYPE 1 FRAME, CLOSED LID	US 30	393+28	46 LT	670.52		665.72		665.65	1
S-401	MANHOLES, TYPE A, 4'-DIAMETER, TYPE 24 FRAME AND GRATE	US 30	393+28	34 LT	670.77	665.78	665.78			1
S-402	MANHOLES, TYPE A, 4'-DIAMETER, TYPE 24 FRAME AND GRATE	US 30	393+28	8 LT	671.25	665.89	665.95			1
S-403	INLETS, TYPE B, TYPE 24 FRAME AND GRATE	US 30	393+28	8 RT	671.25	666.04	666.14			2
S-404	INLETS, TYPE A, TYPE 24 FRAME AND GRATE	US 30	393+28	34 RT	670.77	666.26				2
S-405	MANHOLES, TYPE A, 6'-DIAMETER, TYPE 1 FRAME, CLOSED LID, RESTRICTOR PLATE	US 30	395+12	46 LT	671.63			665.05	664.95	1
S-406	MANHOLES, TYPE A, 6'-DIAMETER, TYPE 1 FRAME, CLOSED LID	US 30	395+27	46 LT	671.72	663.77	663.80	664.90	664.52	1
S-407	END SECTIONS 24"	US 30	395+10	69 LT			663.65			1
S-408	END SECTIONS 24"	US 30	395+27	64 RT		664.00				1
S-409	MANHOLES, TYPE A, 6'-DIAMETER, TYPE 1 FRAME, CLOSED LID, RESTRICTOR PLATE	US 30	395+37	46 LT	671.80			664.75	665.00	1
S-410	MANHOLES, TYPE A, 5'-DIAMETER, TYPE 1 FRAME, CLOSED LID	US 30	395+48	46 LT	671.84	665.60	665.35	665.46		1

PROPOSED DRAINAGE STRUCTURE SCHEDULE										
STRUCTURE NO.	STRUCTURE TYPE	ROADWAY	STATION	OFFSET	RIM ELEV	INV (N)	INV (S)	INV (W)	INV (E)	STAGE
S-411	MANHOLES, TYPE A, 4'-DIAMETER, TYPE 24 FRAME AND GRATE	US 30	395+48	34 LT	672.09	665.70	665.80			1
S-412	MANHOLES, TYPE A, 4'-DIAMETER, TYPE 24 FRAME AND GRATE	US 30	395+48	8 LT	672.57	666.04	666.14			1
S-413	INLETS, TYPE B, TYPE 24 FRAME AND GRATE	US 30	395+48	8 RT	672.57	666.32	666.42			2
S-414	INLETS, TYPE A, TYPE 24 FRAME AND GRATE	US 30	395+48	34 RT	672.09	666.66				2
S-415	MANHOLES, TYPE A, 4'-DIAMETER, TYPE 1 FRAME, CLOSED LID	US 30	397+58	46 LT	673.05		667.86	667.61		1
S-416	MANHOLES, TYPE A, 4'-DIAMETER, TYPE 24 FRAME AND GRATE	US 30	397+58	34 LT	673.35	667.96	668.06			1
S-417	MANHOLES, TYPE A, 4'-DIAMETER, TYPE 24 FRAME AND GRATE	US 30	397+58	8 LT	673.83	668.30	668.40			1
S-418	INLETS, TYPE B, TYPE 24 FRAME AND GRATE	US 30	397+58	8 RT	673.83	668.49	668.59			2
S-419	INLETS, TYPE A, TYPE 24 FRAME AND GRATE	US 30	397+58	34 RT	673.35	668.83				2
S-500	MANHOLES, TYPE A, 4'-DIAMETER, TYPE 1 FRAME, CLOSED LID	US 30	401+68	46 LT	674.03		668.99		668.89	1
S-501	INLETS, TYPE B, TYPE 24 FRAME AND GRATE	US 30	401+68	34 LT	674.17	669.11	669.11			1
S-502	INLETS, TYPE A, TYPE 24 FRAME AND GRATE	US 30	401+68	34 RT	674.17	669.45				2
S-503	MANHOLES, TYPE A, 4'-DIAMETER, TYPE 1 FRAME, CLOSED LID	US 30	402+68	46 LT	673.53		668.49	668.39	668.39	1
S-504	MANHOLES, TYPE A, 4'-DIAMETER, TYPE 24 FRAME AND GRATE	US 30	402+68	34 LT	673.67	668.55	668.65			1
S-505	MANHOLES, TYPE A, 4'-DIAMETER, TYPE 24 FRAME AND GRATE	US 30	402+68	8 LT	674.15	668.77	668.85			1
S-506	INLETS, TYPE B, TYPE 24 FRAME AND GRATE	US 30	402+68	8 RT	674.15	668.94	669.02			2
S-507	INLETS, TYPE A, TYPE 24 FRAME AND GRATE	US 30	402+68	34 RT	673.67	669.13				2
S-508	MANHOLES, TYPE A, 5'-DIAMETER, TYPE 1 FRAME, CLOSED LID	US 30	405+18	46 LT	672.28		667.11	667.09	666.59	1
S-509	MANHOLES, TYPE A, 4'-DIAMETER, TYPE 24 FRAME AND GRATE	US 30	405+18	34 LT	672.42	667.21	667.34			1
S-510	MANHOLES, TYPE A, 4'-DIAMETER, TYPE 24 FRAME AND GRATE	US 30	405+18	8 LT	672.90	667.46	667.56			1
S-511	INLETS, TYPE B, TYPE 24 FRAME AND GRATE	US 30	405+18	8 RT	672.90	667.65	667.75			2
S-512	INLETS, TYPE A, TYPE 24 FRAME AND GRATE	US 30	405+18	34 RT	672.42	667.87				2
S-513	MANHOLES, TYPE A, 5'-DIAMETER, TYPE 1 FRAME, CLOSED LID	US 30	407+68	46 LT	671.03		665.98	665.95	665.45	1
S-514	MANHOLES, TYPE A, 4'-DIAMETER, TYPE 24 FRAME AND GRATE	US 30	407+68	34 LT	671.17	666.04	666.14			1
S-515	MANHOLES, TYPE A, 4'-DIAMETER, TYPE 24 FRAME AND GRATE	US 30	407+68	8 LT	671.65	666.26	666.36	665.04		1
S-516	INLETS, TYPE B, TYPE 24 FRAME AND GRATE	US 30	407+68	8 RT	671.65	666.45	666.55			2
S-517	INLETS, TYPE A, TYPE 24 FRAME AND GRATE	US 30	407+68	34 RT	671.17	666.66				2
S-518	MANHOLES, TYPE A, 6'-DIAMETER, TYPE 1 FRAME, CLOSED LID	US 30	410+10	46 LT	669.82		664.80		664.54	1
S-519	MANHOLES, TYPE A, 4'-DIAMETER, TYPE 24 FRAME AND GRATE	US 30	410+10	34 LT	669.96	664.84	664.95			1
S-520	MANHOLES, TYPE A, 4'-DIAMETER, TYPE 24 FRAME AND GRATE	US 30	410+10	8 LT	670.44	665.07	665.17			1
S-521	INLETS, TYPE B, TYPE 24 FRAME AND GRATE	US 30	410+10	8 RT	670.44	665.26	665.30			2
S-522	INLETS, TYPE A, TYPE 24 FRAME AND GRATE	US 30	410+10	34 RT	669.96	665.42				2
S-523	MANHOLES, TYPE A, 6'-DIAMETER, TYPE 1 FRAME, CLOSED LID	US 30	411+10	46 LT	669.66		664.50	664.41	664.32	1
S-524	MANHOLES, TYPE A, 4'-DIAMETER, TYPE 24 FRAME AND GRATE	US 30	411+10	34 LT	669.66	664.54	664.64		664.54	1
S-525	INLETS, TYPE A, TYPE 24 FRAME AND GRATE	US 30	411+20	34 LT	669.67			664.60		1
S-526	MANHOLES, TYPE A, 4'-DIAMETER, TYPE 24 FRAME AND GRATE	US 30	411+10	8 LT	670.14	664.76	664.85		664.76	1
S-527	INLETS, TYPE A, TYPE 24 FRAME AND GRATE	US 30	411+20	8 LT	670.15			664.82		1
S-528	MANHOLES, TYPE A, 4'-DIAMETER, TYPE 24 FRAME AND GRATE	US 30	411+10	8 RT	670.14	664.94	664.94		664.94	2
S-529	INLETS, TYPE A, TYPE 24 FRAME AND GRATE	US 30	411+20	8 RT	670.15			665.00		2
S-530	INLETS, TYPE B, TYPE 24 FRAME AND GRATE	US 30	411+10	34 RT	669.66	665.07			665.07	2
S-531	INLETS, TYPE A, TYPE 24 FRAME AND GRATE	US 30	411+20	34 RT	669.67			665.13		2
S-532	MANHOLES, TYPE A, 6'-DIAMETER, TYPE 1 FRAME, CLOSED LID	US 30	413+10	46 LT	670.21		665.17	664.06	663.96	1

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	PLOT SCALE = 40.0000' / 1.	CHECKED - SUN	REVISED -
	PLOT DATE = 5/11/2012	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

DRAINAGE SCHEDULES

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

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
349	11 WRS-3	KENDALL	527	160
CONTRACT NO. 60132				
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				

PROPOSED DRAINAGE STRUCTURE SCHEDULE

STRUCTURE NO.	STRUCTURE TYPE	ROADWAY	STATION	OFFSET	RIM ELEV	INV (N)	INV (S)	INV (W)	INV (E)	STAGE
S-533	MANHOLES, TYPE A, 4'-DIAMETER, TYPE 24 FRAME AND GRATE	US 30	413+10	34 LT	670.46	665.29	665.39			1
S-534	MANHOLES, TYPE A, 4'-DIAMETER, TYPE 24 FRAME AND GRATE	US 30	413+10	8 LT	670.94	665.51	665.61			1
S-535	INLETS, TYPE B, TYPE 24 FRAME AND GRATE	US 30	413+10	8 RT	670.94	665.70	665.80			2
S-536	INLETS, TYPE A, TYPE 24 FRAME AND GRATE	US 30	413+10	34 RT	670.46	665.92				2
S-537	MANHOLES, TYPE A, 6'-DIAMETER, TYPE 1 FRAME, CLOSED LID	US 30	415+60	46 LT	671.50		664.79	663.64	663.54	1
S-538	MANHOLES, TYPE A, 4'-DIAMETER, TYPE 24 FRAME AND GRATE	US 30	415+60	34 LT	671.71	664.89	665.14			1
S-539	MANHOLES, TYPE A, 4'-DIAMETER, TYPE 24 FRAME AND GRATE	US 30	415+60	8 LT	672.19	665.38	665.48			1
S-540	INLETS, TYPE B, TYPE 24 FRAME AND GRATE	US 30	415+60	8 RT	672.19	665.66				2
S-541	INLETS, TYPE A, TYPE 24 FRAME AND GRATE	US 30	415+60	34 RT	671.71	666.00				2
S-542	MANHOLES, TYPE A, 6'-DIAMETER, TYPE 1 FRAME, CLOSED LID	US 30	419+00	46 LT	672.26		664.60	663.10	663.10	1
S-542A	MANHOLES, TYPE A, 6'-DIAMETER, TYPE 1 FRAME, CLOSED LID	US 30	419+38	46 LT	671.92	662.52		662.66		1
+ S-543	CAST-IN-PLACE REINFORCED CONCRETE END	US 30	419+65	77 LT			661.66			1
S-544	MANHOLES, TYPE A, 6'-DIAMETER, TYPE 1 FRAME, CLOSED LID, RESTRICTOR PLATE	US 30	419+10	46 LT	672.25			663.05	662.94	1
S-545	MANHOLES, TYPE A, 4'-DIAMETER, TYPE 24 FRAME AND GRATE	US 30	419+10	34 LT	672.46	664.70	664.90			1
S-546	MANHOLES, TYPE A, 4'-DIAMETER, TYPE 24 FRAME AND GRATE	US 30	419+10	8 LT	672.94	665.14	665.24			1
S-547	INLETS, TYPE B, TYPE 24 FRAME AND GRATE	US 30	419+10	8 RT	672.94	665.42	665.64			2
S-548	INLETS, TYPE A, TYPE 24 FRAME AND GRATE	US 30	419+10	34 RT	672.46	665.88				2
S-549	END SECTIONS 15"	US 30	412+05	52.78 LT					667.22	1
S-550	END SECTIONS 15"	US 30	412+57	53.96 LT				667.48		1
+ S-600	END SECTIONS 30"	US 30	422+00	73.4 LT					661.98	1
S-601	MANHOLES, TYPE A, 6'-DIAMETER, TYPE 1 FRAME, CLOSED LID, RESTRICTOR PLATE	US 30	422+90	48 LT	670.25			662.10	662.16	1
S-602	MANHOLES, TYPE A, 5'-DIAMETER, TYPE 1 FRAME, CLOSED LID	US 30	423+05	49 LT	670.50		663.72	662.22	662.22	1
S-603	MANHOLES, TYPE A, 4'-DIAMETER, TYPE 24 FRAME AND GRATE	US 30	423+05	34 LT	670.49	663.87	663.97			1
S-604	MANHOLES, TYPE A, 4'-DIAMETER, TYPE 24 FRAME AND GRATE	US 30	423+05	8 LT	670.97	664.21	664.36			1
S-605	INLETS, TYPE B, TYPE 24 FRAME AND GRATE	US 30	423+05	8 RT	670.97	664.54	664.64			2
S-606	INLETS, TYPE A, TYPE 24 FRAME AND GRATE	US 30	423+05	34 RT	670.49	664.88				2
S-607	MANHOLES, TYPE A, 5'-DIAMETER, TYPE 1 FRAME, CLOSED LID	US 30	425+00	46 LT	670.00		663.97	662.47	662.53	1
S-608	MANHOLES, TYPE A, 4'-DIAMETER, TYPE 24 FRAME AND GRATE	US 30	425+00	34 LT	669.91	664.09	664.20			1
S-609	MANHOLES, TYPE A, 4'-DIAMETER, TYPE 24 FRAME AND GRATE	US 30	425+00	8 LT	670.39	664.44	664.54			1
S-610	INLETS, TYPE B, TYPE 24 FRAME AND GRATE	US 30	425+00	8 RT	670.39	664.72	664.82			2
S-611	INLETS, TYPE A, TYPE 24 FRAME AND GRATE	US 30	425+00	34 RT	669.91	665.06				2
S-612	MANHOLES, TYPE A, 5'-DIAMETER, TYPE 1 FRAME, CLOSED LID	US 30	426+65	46 LT	669.16		663.81	662.75	662.85	1
S-613	MANHOLES, TYPE A, 4'-DIAMETER, TYPE 24 FRAME AND GRATE	US 30	426+65	34 LT	669.41	663.93	664.01			1
S-614	MANHOLES, TYPE A, 4'-DIAMETER, TYPE 24 FRAME AND GRATE	US 30	426+65	8 LT	669.89	664.25	664.35			1
S-615	INLETS, TYPE B, TYPE 24 FRAME AND GRATE	US 30	426+65	8 RT	669.89	664.53	664.63			2
S-616	INLETS, TYPE A, TYPE 24 FRAME AND GRATE	US 30	426+65	34 RT	669.41	665.07				2
S-617	MANHOLES, TYPE A, 6'-DIAMETER, TYPE 1 FRAME, CLOSED LID	US 30	428+55	46 LT	669.59		663.96	663.09	663.19	1
S-618	INLETS, TYPE B, TYPE 24 FRAME AND GRATE	US 30	428+55	34 LT	668.84	664.06	664.16			1
S-619	INLETS, TYPE A, TYPE 24 FRAME AND GRATE	US 30	428+55	8 LT	669.32	664.40				1
S-620	INLETS, TYPE A, TYPE 24 FRAME AND GRATE	US 30	428+35	16 RT	669.45		663.99			2
S-621	MANHOLES, TYPE A, 6'-DIAMETER, TYPE 1 FRAME, CLOSED LID	US 30	430+07	46 LT	668.50		663.66	663.39	663.39	1
S-622	MANHOLES, TYPE A, 4'-DIAMETER, TYPE 24 FRAME AND GRATE	US 30	430+07	34 LT	668.48	663.78	663.97	663.78		1

PROPOSED DRAINAGE STRUCTURE SCHEDULE

STRUCTURE NO.	STRUCTURE TYPE	ROADWAY	STATION	OFFSET	RIM ELEV	INV (N)	INV (S)	INV (W)	INV (E)	STAGE
S-623	INLETS, TYPE A, TYPE 24 FRAME AND GRATE	US 30	429+97	34 LT	668.49				663.84	1
S-624	MANHOLES, TYPE A, 4'-DIAMETER, TYPE 24 FRAME AND GRATE	US 30	430+07	9 LT	668.96	664.21	664.31	664.21		1
S-625	INLETS, TYPE A, TYPE 24 FRAME AND GRATE	US 30	429+97	9 LT	668.97				664.27	1
S-626	INLETS, TYPE B, TYPE 24 FRAME AND GRATE	US 30	430+07	1 RT	669.06	664.43		664.43		2
S-627	INLETS, TYPE A, TYPE 24 FRAME AND GRATE	US 30	429+97	1 RT	669.07				664.49	2
S-628	MANHOLES, TYPE A, 5'-DIAMETER, TYPE 1 FRAME, CLOSED LID	US 30	431+30	48 LT	668.57		663.77	663.55	664.55	1
S-629	INLETS, TYPE B, TYPE 24 FRAME AND GRATE	US 30	431+30	36 LT	668.82	663.89	663.97			1
S-630	INLETS, TYPE A, TYPE 4 FRAME AND GRATE	US 30	431+30	6 LT	669.31	664.27				1
S-631	MANHOLES, TYPE A, 4'-DIAMETER, TYPE 1 FRAME, CLOSED LID	US 30	433+15	49 LT	670.75		665.34	665.03		1
S-632	INLETS, TYPE B, TYPE 24 FRAME AND GRATE	US 30	433+15	37 LT	670.62	665.40	665.45			1
S-633	INLETS, TYPE A, TYPE 4 FRAME AND GRATE	US 30	433+15	6 LT	670.11	665.60				1
S-634	MANHOLES, TYPE A, 6'-DIAMETER, TYPE 24 FRAME AND GRATE	US 30	430+04	53 RT	668.49			661.46	661.46	2
S-635	MANHOLES, TYPE A, 6'-DIAMETER, TYPE 1 FRAME, CLOSED LID	US 30	421+69	36.6 RT					659.60	2
+ S-636	END SECTIONS 42"	US 30	421+00	77.1 RT	665.4			659.75		2
S-700	MANHOLES, TYPE A, 4'-DIAMETER, TYPE 24 FRAME AND GRATE	DOUGLAS	209+31	35.5 RT	673.04		669.36			2
S-701	MANHOLES, TYPE A, 4'-DIAMETER, TYPE 24 FRAME AND GRATE	DOUGLAS	209+36	35.98 LT	672.93	669.26		669.26		PRE-STAGE
S-702	MANHOLES, TYPE A, 4'-DIAMETER, TYPE 24 FRAME AND GRATE	DOUGLAS	209+37	35.05 RT	673.83	669.08	669.10			PRE-STAGE
S-703	MANHOLES, TYPE A, 4'-DIAMETER, TYPE 4 FRAME AND GRATE	DOUGLAS	213+00	30.5 RT	670.20	667.33	667.33			2
S-704	MANHOLES, TYPE A, 4'-DIAMETER, TYPE 4 FRAME AND GRATE	DOUGLAS	213+70	30.5 RT	669.50	666.94	666.94			1

+ INDICATES LOCATION OF FLAP GATE

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		CHECKED - SJN	REVISED -
		DATE -	REVISED -
	PLOT SCALE = 40.0000' / in.		
	PLOT DATE = 5/11/2012		

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

DRAINAGE SCHEDULES

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

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
349	11 WRS-3	KENDALL	527	161
CONTRACT NO. 60132				
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				

STORM SEWER PIPE SCHEDULE

PIPE NO.	FROM	TO	LENGTH (FT)	DIA (IN)	PIPE TYPE	SLOPE (%)	CONSTRUCTION STAGE	TBF (CY)	D.I.	U.I.
P-100	S-101	S-100	24	18	CLASS A, TYPE 2	0.29	1	6.5	666.78	666.85
P-100A	Existing	S-101	6	14x23	CLASS A, TYPE 2	5.00	1	0.0	667.06	667.36
P-101	S-102	S-100	18	12	CLASS A, TYPE 2	2.00	2	4.5	667.18	667.54
P-102	S-103	S-102	24	12	CLASS A, TYPE 2	2.00	Pre-Stage	5.5	667.64	668.12
P-103	S-100	S-104	107	18	CLASS A, TYPE 2	0.29	1	34.2	666.37	666.68
P-104	S-105	S-104	18	12	CLASS A, TYPE 2	2.00	2	4.4	666.77	667.13
P-105	S-104	S-106	125	18	CLASS A, TYPE 2	0.30	1	39.6	665.89	666.27
P-106	S-107	S-106	24	12	CLASS A, TYPE 2	1.00	1	5.3	666.21	666.45
P-107	S-108	S-106	18	12	CLASS A, TYPE 2	3.00	2	4.1	666.31	666.85
P-108	S-109	S-108	24	12	CLASS A, TYPE 2	1.00	2	5.1	666.95	667.19
P-109	S-106	S-110	190	18	CLASS A, TYPE 2	0.29	1	58.3	665.25	665.81
P-110	S-111	S-110	24	12	CLASS A, TYPE 2	1.00	1	5.1	665.50	665.74
P-111	S-112	S-110	18	12	CLASS A, TYPE 2	1.00	2	4.1	665.75	665.93
P-112	S-113	S-112	24	12	CLASS A, TYPE 2	1.00	2	5.8	665.93	666.17
P-113	S-110	S-114	110	24x38	CLASS A, TYPE 2	0.38	1	51.5	664.33	664.75
P-114	S-115	S-114	42	12	CLASS A, TYPE 2	0.69	1	9.6	664.79	665.08
P-114A	S-115A	S-117	50	12	CLASS A, TYPE 2	0.44	1	11.0	665.06	665.28
P-115	S-114	S-116	80	24x38	CLASS A, TYPE 2	0.16	1	35.4	664.10	664.23
P-116	S-117	S-116	24	12	CLASS A, TYPE 2	1.00	1	4.9	664.94	665.18
P-117	S-118	S-116	18	12	CLASS A, TYPE 2	0.50	2	4.4	664.87	664.96
P-118	S-119	S-118	24	12	CLASS A, TYPE 2	0.50	2	5.7	665.06	665.18
P-119	S-116	S-120	120	24x38	CLASS A, TYPE 2	0.13	1	51.0	663.84	664.00
P-120	S-120	S-121	10	24x38	CLASS A, TYPE 2	0.13	1	4.3	663.84	663.84
P-121	S-122	S-123	10	10	CLASS A, TYPE 2	0.56	1	2.0	664.85	664.91
P-122	S-124	S-125	10	10	CLASS A, TYPE 2	0.56	1	2.4	664.74	664.80
P-123	S-126	S-127	10	10	CLASS A, TYPE 2	0.56	2	2.0	664.96	665.02
P-124	S-123	S-121	24	12	CLASS A, TYPE 2	0.50	2	4.7	664.73	664.85
P-125	S-125	S-121	18	12	CLASS A, TYPE 2	0.50	2	4.4	664.55	664.64
P-126	S-127	S-125	24	12	CLASS A, TYPE 2	0.50	2	4.7	664.74	664.86
P-127	S-121	S-128	70	24x38	CLASS A, TYPE 2	0.13	1	29.8	663.75	663.84
P-128	S-129	S-131	24	12	CLASS A, TYPE 2	1.00	1	5.1	664.65	664.89
P-129	S-130	S-128	18	12	CLASS A, TYPE 2	0.50	2	4.5	664.63	664.72
P-130	S-131	S-130	24	12	CLASS A, TYPE 2	0.50	2	4.8	664.82	664.94
P-131	S-128	S-132	220	24x38	CLASS A, TYPE 2	0.13	1	170.2	663.46	663.75
P-132	S-133	S-132	24	12	CLASS A, TYPE 2	1.00	1	6.5	664.96	665.20
P-133	S-134	S-132	18	12	CLASS A, TYPE 2	1.00	2	5.4	664.96	665.14
P-134	S-135	S-134	24	12	CLASS A, TYPE 2	1.00	2	5.8	665.25	665.49
P-135	S-132	S-136	110	30	CLASS A, TYPE 2	0.13	1	90.0	663.32	663.46
P-136	S-137	S-136	59	12	CLASS A, TYPE 2	3.00	2	11.3	665.11	666.88
P-137	S-136	S-138	110	30	CLASS A, TYPE 2	0.13	1	104.4	663.18	663.32
P-138	S-139	S-138	24	12	CLASS A, TYPE 2	1.00	1	12.5	664.68	664.92
P-139	S-140	S-138	18	12	CLASS A, TYPE 2	1.00	2	10.7	664.89	665.07
P-140	S-141	S-140	24	12	CLASS A, TYPE 2	1.00	2	8.2	665.17	665.41
P-141	S-138	S-142	240	30	CLASS A, TYPE 2	0.13	1	274.7	662.86	663.18
P-142	S-142	S-143	240	30	CLASS A, TYPE 2	0.13	1	287.7	662.55	662.86
P-143	S-144	S-143	24	12	CLASS A, TYPE 2	1.00	1	16.7	664.05	664.29
P-144	S-145	S-143	18	12	CLASS A, TYPE 2	1.00	2	13.3	664.05	664.23
P-145	S-146	S-145	24	12	CLASS A, TYPE 2	1.00	2	15.6	664.33	664.57
P-146	S-143	S-147	10	30	CLASS A, TYPE 2	0.50	1	11.7	662.50	662.55
P-147	S-147	S-148	20	30	CLASS A, TYPE 2	0.50	1	24.4	662.40	662.50
P-148	S-149	S-148	88	36	JACKED IN PLACE	0.47	Pre-Stage	0.0	661.70	662.11
P-149	S-153A	S-149	80	24	CLASS A, TYPE 2	0.82	1	37.6	663.78	664.44
P-150	S-153	S-153A	17	24	CLASS A, TYPE 2	3.29	1	5.3	664.54	665.10
P-151	S-151	S-150	33	36	CLASS A, TYPE 2	0.30	Pre-Stage	0	661.50	661.65
P-152	S-152	S-148	10	30	CLASS A, TYPE 2	0.50	1	12.1	662.40	662.45
P-153	S-154	S-152	210	30	CLASS A, TYPE 2	0.13	1	205.2	662.54	662.82
P-154	S-155	S-154	24	12	CLASS A, TYPE 2	1.00	1	6.6	664.40	664.64
P-155	S-156	S-154	18	12	CLASS A, TYPE 2	1.00	2	5.5	664.40	664.58
P-156	S-157	S-156	24	12	CLASS A, TYPE 2	1.00	2	5.9	664.68	664.92
P-157	S-158	S-154	240	24x38	CLASS A, TYPE 2	0.13	1	183.2	662.82	663.13
P-158	S-159	S-158	24	12	CLASS A, TYPE 2	0.50	1	4.8	664.03	664.15
P-159	S-160	S-158	18	15	CLASS A, TYPE 2	0.50	1	4.9	663.60	663.69
P-160	S-161	S-160	24	15	CLASS A, TYPE 2	0.46	2	5.3	663.79	663.90
P-161	S-162	S-161	14	12	CLASS A, TYPE 2	12.14	2	0.0	664.40	666.10
P-162	S-163	S-158	49	19X30	CLASS A, TYPE 2	0.18	1	16.1	663.63	663.72

STORM SEWER PIPE SCHEDULE

PIPE NO.	FROM	TO	LENGTH (FT)	DIA (IN)	PIPE TYPE	SLOPE (%)	CONSTRUCTION STAGE	TBF (CY)	D.I.	U.I.
P-163	S-164	S-163	24	12	CLASS A, TYPE 2	0.46	1	4.7	663.96	664.07
P-164	S-165	S-164	10	10	CLASS A, TYPE 2	0.56	1	2.0	664.07	664.13
P-165	S-170	S-163	10	19X30	CLASS A, TYPE 2	0.24	1	3.3	663.72	663.79
P-166	S-166	S-163	18	12	CLASS A, TYPE 2	0.50	2	4.2	663.88	663.97
P-167	S-167	S-166	10	10	CLASS A, TYPE 2	0.56	2	2.3	663.97	664.03
P-168	S-168	S-166	24	12	CLASS A, TYPE 2	0.46	2	4.7	663.97	664.08
P-169	S-169	S-168	10	10	CLASS A, TYPE 2	0.56	2	2.0	664.08	664.14
P-170	S-171	S-170	241	19X30	CLASS A, TYPE 2	0.24	1	79.0	663.81	664.38
P-171	S-172	S-171	24	12	CLASS A, TYPE 2	0.50	1	4.8	664.92	665.04
P-172	S-173	S-171	18	12	CLASS A, TYPE 2	0.44	2	4.3	664.81	664.89
P-173	S-174	S-173	24	12	CLASS A, TYPE 2	0.46	2	4.7	664.93	665.04
P-174	S-175	S-171	200	15	CLASS A, TYPE 2	0.32	1	53.3	664.73	665.37
P-175	S-176	S-175	24	12	CLASS A, TYPE 2	1.00	1	5.2	665.61	665.85
P-176	S-177	S-175	18	12	CLASS A, TYPE 2	0.50	2	4.5	665.58	665.67
P-177	S-178	S-177	24	12	CLASS A, TYPE 2	0.50	2	4.9	665.76	665.88
P-200	S-201	S-200	24	12	CLASS A, TYPE 2	1.00	1	5.6	666.34	666.58
P-201	S-202	S-200	18	12	CLASS A, TYPE 2	1.00	2	4.7	666.34	666.52
P-202	S-203	S-202	24	12	CLASS A, TYPE 2	1.00	2	4.9	666.61	666.85
P-203	S-200	S-204	230	24	CLASS A, TYPE 2	0.17	1	168.6	664.94	665.34
P-204	S-205	S-204	24	12	CLASS A, TYPE 2	1.00	1	12.5	665.84	666.08
P-205	S-206	S-204	18	12	CLASS A, TYPE 2	1.00	2	11.9	665.84	666.02
P-206	S-207	S-206	24	12	CLASS A, TYPE 2	1.00	2	8.8	666.12	666.36
P-207	S-204	S-208	115	24	CLASS A, TYPE 2	0.73	1	113.2	664.00	664.84
P-208	S-209	S-208	84	60	JACKED IN PLACE	0.51	Pre-Stage	0	662.97	663.40
P-209	S-208	S-209	21	60	CLASS A, TYPE 2	0.57	Pre-Stage	0	662.85	662.97
P-210	S-211	S-208	15	30	CLASS A, TYPE 2	0.33	1	21.0	663.15	663.20
P-211	S-213	S-212	11	30	CLASS A, TYPE 2	0.18	1	9.4	664.31	664.31
P-212	S-214	S-211	370	30	CLASS A, TYPE 2	0.13	1	494.3	663.21	663.70
P-213	S-215	S-214	24	12	CLASS A, TYPE 2	1.00	1	17.3	665.20	665.44
P-214	S-216	S-214	18	12	CLASS A, TYPE 2	1.00	2	13.7	665.20	665.38
P-215	S-217	S-216	24	12	CLASS A, TYPE 2	1.00	2	16.2	665.48	665.72
P-216	S-218	S-214	220	30	CLASS A, TYPE 2	0.13	1	223.6	663.70	663.98
P-217	S-219	S-218	24	12	CLASS A, TYPE 2	1.00	1	7.9	665.48	665.72
P-218	S-220	S-218	18	12	CLASS A, TYPE 2	1.00	2	6.4	665.48	665.66
P-219	S-221	S-220	24	12	CLASS A, TYPE 2	1.00	2	6.9	665.86	666.10
P-220	S-222	S-218	179	30	CLASS A, TYPE 2	0.13	1	133.2	664.08	664.31
P-221	S-222	S-223	10	30	CLASS A, TYPE 2	0.13	1	7.4	664.31	664.32
P-222	S-224	S-225	10	10	CLASS A, TYPE 2	0.56	1	2.2	666.06	666.12
P-223	S-227	S-228	10	10	CLASS A, TYPE 2	0.56	2	2.7	665.66	665.72
P-224	S-229	S-230	10	10	CLASS A, TYPE 2	0.56	1	2.3	665.84	665.90
P-225	S-226	S-225	12	12	CLASS A, TYPE 2	10.00	1	1.6	666.20	667.40
P-226	S-225	S-223	24	12	CLASS A, TYPE 2	1.00	1	5.3	665.82	666.06
P-227	S-228	S-223	26	15	CLASS A, TYPE 2	0.35	2	7.3	665.57	665.66
P-228	S-230	S-228	24	15	CLASS A, TYPE 2	0.33	2	5.6	665.76	665.84
P-229	S-231	S-230	12	12	CLASS A, TYPE 2	10.00	2	0	666.43	667.63
P-230	S-232	S-223	180	24	CLASS A, TYPE 2	0.18	2	74.0	664.80	665.15
P-231	S-233	S-232	24	12	CLASS A, TYPE 2	1.00	1	6.2	666.15	666.39
P-232	S-234	S-232	54	12	CLASS A, TYPE 2	0.52	2	13.8	666.15	666.43
P-233	S-235	S-232	190	18	CLASS A, TYPE 2	0.26	1	74.9	665.65	666.15
P-234	S-236	S-235	35	12	CLASS A, TYPE 2	1.00	1	10.3	666.65	667.00
P-235	S-237	S-235	44	12	CLASS A, TYPE 2	1.00	2	12.7	666.65	667.09
P-236	S-238	S-235	150	12	CLASS A, TYPE 2	0.90</				

STORM SEWER PIPE SCHEDULE

PIPE NO.	FROM	TO	LENGTH (FT)	DIA (IN)	PIPE TYPE	SLOPE (%)	CONSTRUCTION STAGE	TBF (CY)	D.I.	U.I.
P-310	S-311	S-310	80	12	CLASS A, TYPE 2	0.50	1/2	15.1	667.31	667.71
P-311	S-309	S-312	170	24	CLASS A, TYPE 2	0.17	1	0	666.26	666.55
P-312	S-313	S-312	10	15	CLASS A, TYPE 2	1.00	1	2.1	666.26	666.36
P-313	S-314	S-313	24	12	CLASS A, TYPE 2	1.00	1	5.8	666.61	666.85
P-314	S-315	S-314	30	12	CLASS A, TYPE 2	0.50	2	7.3	666.89	667.04
P-315	S-316	S-315	24	12	CLASS A, TYPE 2	0.50	2	4.8	667.09	667.21
P-316	S-317	S-316	16	12	CLASS A, TYPE 2	7.00	2	1.3	667.78	668.90
P-317	S-312	S-318	200	30	CLASS A, TYPE 2	0.14	1	0	665.48	665.76
P-318	S-319	S-318	10	15	CLASS A, TYPE 2	1.00	1	2.5	665.68	665.78
P-319	S-320	S-319	24	12	CLASS A, TYPE 2	1.00	1	6.1	665.88	666.12
P-320	S-321	S-320	24	12	CLASS A, TYPE 2	0.50	2	6.0	666.22	666.34
P-321	S-322	S-321	24	12	CLASS A, TYPE 2	0.50	2	4.9	666.44	666.56
P-322	S-318	S-323	180	30	CLASS A, TYPE 2	0.14	1	0	665.13	665.38
P-323	S-324	S-323	10	15	CLASS A, TYPE 2	0.50	1	2.0	665.34	665.39
P-324	S-325	S-324	24	12	CLASS A, TYPE 2	0.46	1	5.6	665.64	665.75
P-325	S-326	S-325	18	12	CLASS A, TYPE 2	0.44	2	4.3	665.80	665.88
P-326	S-327	S-326	24	12	CLASS A, TYPE 2	0.46	2	4.7	665.96	666.07
P-327	S-323	S-328	70	30	CLASS A, TYPE 2	0.19	1	0	664.90	665.03
P-328	S-329	S-328	10	15	CLASS A, TYPE 2	1.00	1	2.1	665.13	665.23
P-329	S-330	S-329	68	12	CLASS A, TYPE 2	0.50	1/2	12.8	665.48	665.82
P-330	S-328	S-331	75	30	CLASS A, TYPE 2	0.13	1	0	664.70	664.80
P-331	S-332	S-331	10	15	CLASS A, TYPE 2	0.70	1	2.1	665.13	665.20
P-332	S-333	S-332	10	10	CLASS A, TYPE 2	0.56	1	2.1	665.20	665.26
P-333	S-334	S-332	68	12	CLASS A, TYPE 2	0.50	1/2	12.2	665.45	665.79
P-334	S-335	S-334	10	10	CLASS A, TYPE 2	0.56	2	1.8	665.79	665.85
P-335	S-331	S-336	180	30	CLASS A, TYPE 2	0.13	1	0	664.37	664.60
P-336	S-337	S-336	10	15	CLASS A, TYPE 2	0.80	1	2.5	665.02	665.10
P-337	S-338	S-337	68	12	CLASS A, TYPE 2	0.93	1/2	15.0	665.35	665.98
P-338	S-339	S-338	17	12	CLASS A, TYPE 2	4.71	2	0	666.08	666.88
P-339	S-336	S-340	225	24X38	CLASS A, TYPE 2	0.13	1	56.6	663.98	664.27
P-340	S-341	S-340	12	15	CLASS A, TYPE 2	0.83	1	8.6	665.46	665.56
P-341	S-342	S-341	68	12	CLASS A, TYPE 2	1.00	1/2	16.3	665.82	666.50
P-342	S-340	S-343	285	36	CLASS A, TYPE 2	0.10	1	315.4	663.46	663.75
P-343	S-344	S-343	12	12	CLASS A, TYPE 2	0.83	1	8.1	665.45	665.55
P-344	S-345	S-344	68	12	CLASS A, TYPE 2	1.00	1/2	16.1	665.65	666.33
P-345	S-343	S-346	100	36	CLASS A, TYPE 2	0.10	2	111.1	663.26	663.36
P-346	S-347	S-346	12	15	CLASS A, TYPE 2	0.83	1	8.6	664.91	665.01
P-347	S-348	S-347	68	12	CLASS A, TYPE 2	1.00	1/2	15.3	665.36	666.04
P-348	S-346	S-349	220	36	CLASS A, TYPE 2	0.10	1	189.4	662.95	663.16
P-349	S-350	S-349	12	15	CLASS A, TYPE 2	0.83	1	4.7	664.07	664.17
P-350	S-351	S-350	24	12	CLASS A, TYPE 2	1.00	1	3.3	664.27	664.51
P-351	S-352	S-351	18	12	CLASS A, TYPE 2	1.22	2	2.4	664.61	664.83
P-352	S-353	S-352	24	12	CLASS A, TYPE 2	1.00	2	5.4	664.93	665.17
P-353	S-349	S-354	220	36	CLASS A, TYPE 2	0.11	1	149.7	662.70	662.95
P-354	S-355	S-354	12	15	CLASS A, TYPE 2	0.33	1	4.6	663.85	663.89
P-355	S-356	S-355	24	12	CLASS A, TYPE 2	0.50	1	5.8	663.98	664.10
P-356	S-357	S-356	18	12	CLASS A, TYPE 2	0.50	2	4.4	664.20	664.29
P-357	S-358	S-357	24	12	CLASS A, TYPE 2	0.46	2	4.8	664.38	664.49
P-358	S-354	S-359	65	36	CLASS A, TYPE 2	0.12	1	47.2	662.61	662.69
P-359	S-359	S-359A	20	36	CLASS A, TYPE 2	0.10	1	14.1	662.59	662.61
P-359A	S-359A	S-360	10	36	CLASS A, TYPE 2	0.30	1	7.0	662.56	662.59
P-359B	EX	S-359A	16	24	CLASS A, TYPE 2	0.63	1	10.0	662.72	662.82
P-360	S-360	S-361	20	36	CLASS A, TYPE 2	0.15	1	0	662.48	662.51
P-361	S-362	S-360	100	19X30	CLASS A, TYPE 2	0.83	1/2	23.0	662.57	663.40
P-362	S-363	S-360	125	36	CLASS A, TYPE 2	0.10	1	82.9	662.51	662.63
P-363	S-364	S-363	12	15	CLASS A, TYPE 2	0.50	1	2.8	662.80	662.86
P-364	S-365	S-364	24	12	CLASS A, TYPE 2	0.46	1	6.2	662.94	663.05
P-365	S-366	S-365	18	12	CLASS A, TYPE 2	0.44	2	4.7	663.18	663.26
P-366	S-367	S-366	24	12	CLASS A, TYPE 2	0.46	2	5.0	663.32	663.43
P-367	S-368	S-363	190	36	CLASS A, TYPE 2	0.10	1	97.9	662.63	662.82
P-368	S-369	S-368	12	24	CLASS A, TYPE 2	0.17	1	4.4	662.82	662.84
P-369	S-370	S-369	10	10	CLASS A, TYPE 2	0.56	1	2.4	662.84	662.90
P-370	S-371	S-369	24	15	CLASS A, TYPE 2	0.33	1	4.8	662.84	662.92
P-371	S-372	S-371	10	10	CLASS A, TYPE 2	0.56	1	2.0	662.92	662.98
P-372	S-373	S-371	18	15	CLASS A, TYPE 2	0.33	2	3.9	662.94	663.00

STORM SEWER PIPE SCHEDULE

PIPE NO.	FROM	TO	LENGTH (FT)	DIA (IN)	PIPE TYPE	SLOPE (%)	CONSTRUCTION STAGE	TBF (CY)	D.I.	U.I.
P-373	S-374	S-373	10	10	CLASS A, TYPE 2	0.56	2	2.2	663.00	663.06
P-374	S-375	S-373	24	10	CLASS A, TYPE 2	0.58	2	4.4	663.00	663.14
P-375	S-376	S-375	10	8	CLASS A, TYPE 2	0.75	2	1.8	663.14	663.22
P-376	S-377	S-368	153	30	CLASS A, TYPE 2	0.13	1	49.5	663.05	663.25
P-377	S-378	S-377	12	15	CLASS A, TYPE 2	0.33	1	4.2	663.26	663.30
P-378	S-379	S-378	24	12	CLASS A, TYPE 2	0.46	1	5.3	663.30	663.41
P-379	S-380	S-379	18	12	CLASS A, TYPE 2	0.50	2	4.2	663.41	663.50
P-380	S-381	S-380	24	12	CLASS A, TYPE 2	0.46	2	4.8	663.50	663.61
P-381	S-382	S-377	218	24	CLASS A, TYPE 2	0.17	1	75.3	663.65	664.03
P-382	S-383	S-382	12	15	CLASS A, TYPE 2	0.50	1	5.1	664.12	664.18
P-383	S-384	S-383	24	12	CLASS A, TYPE 2	0.50	1	5.7	664.43	664.55
P-384	S-385	S-384	18	12	CLASS A, TYPE 2	0.50	2	4.4	664.65	664.74
P-385	S-386	S-385	24	12	CLASS A, TYPE 2	0.50	2	4.8	664.79	664.91
P-386	S-387	Existing	19	18	CLASS A, TYPE 2	2.43	1	0.0	666.30	666.75
P-400	S-401	S-400	12	12	CLASS A, TYPE 2	0.50	1	2.5	665.72	665.78
P-401	S-402	S-401	24	12	CLASS A, TYPE 2	0.46	1	5.7	665.78	665.89
P-402	S-403	S-402	18	12	CLASS A, TYPE 2	0.50	2	4.4	665.95	666.04
P-403	S-404	S-403	24	12	CLASS A, TYPE 2	0.50	2	4.8	666.14	666.26
P-404	S-400	S-405	184	15	CLASS A, TYPE 2	0.33	1	136.6	665.05	665.65
P-405	S-405	S-406	15	15	CLASS A, TYPE 2	0.33	1	13.8	664.90	664.95
P-406	S-406	S-407	30	24	CLASS A, TYPE 2	0.40	1	0	663.65	663.77
P-407	S-408	S-406	110	24	CLASS A, TYPE 2	0.18	1	76.7	663.80	664.00
P-408	S-409	S-406	10	15	CLASS A, TYPE 2	2.30	1	9.5	664.52	664.75
P-409	S-410	S-409	11	15	CLASS A, TYPE 2	3.18	1	9.5	665.00	665.35
P-410	S-411	S-410	12	12	CLASS A, TYPE 2	0.83	1	9.4	665.60	665.70
P-411	S-412	S-411	24	12	CLASS A, TYPE 2	1.00	1	8.8	665.80	666.04
P-412	S-413	S-412	18	12	CLASS A, TYPE 2	1.00	2	6.5	666.14	666.32
P-413	S-414	S-413	24	12	CLASS A, TYPE 2	1.00	2	7.2	666.42	666.66
P-414	S-415	S-410	210	15	CLASS A, TYPE 2	1.02	1	155.0	665.46	667.61
P-415	S-416	S-415	12	12	CLASS A, TYPE 2	0.83	1	3.0	667.86	667.96
P-416	S-417	S-416	24	12	CLASS A, TYPE 2	1.00	1	6.3	668.06	668.30
P-417	S-418	S-417	18	12	CLASS A, TYPE 2	0.50	2	4.7	668.40	668.49
P-418	S-419	S-418	24	12	CLASS A, TYPE 2	1.00	2	4.9	668.59	668.83
P-500	S-501	S-500	12	12	CLASS A, TYPE 2	1.00	1	4.5	668.99	669.11
P-501	S-502	S-501	68	12	CLASS A, TYPE 2	0.50	1	14.0	669.11	669.45
P-502	S-500	S-503	100	12	CLASS A, TYPE 2	0.50	1	38.2	668.39	668.89
P-503	S-504	S-503	12	12	CLASS A, TYPE 2	0.50	1	4.5	668.49	668.55
P-504	S-505	S-504	24	12	CLASS A, TYPE 2	0.50	1	5.7	668.65	668.77
P-505	S-506	S-505	18	12	CLASS A, TYPE 2	0.50	2	4.4	668.85	668.94
P-506	S-507	S-506	24	12	CLASS A, TYPE 2	0.46	2	4.8	669.02	669.13
P-507	S-503	S-508	250	12	CLASS A, TYPE 2	0.52	1	100.0	667.09	668.39
P-508	S-509	S-508	12	12	CLASS A, TYPE 2	0.83	1	2.9	667.11	667.21
P-509	S-510	S-509	24	12	CLASS A, TYPE 2	0.50	1	5.9	667.34	667.46
P-510	S-511	S-510	18	12	CLASS A, TYPE 2	0.50	2	4.5	667.56	667.65
P-511	S-512	S-511	24	12	CLASS A, TYPE 2	0.50	2	4.9	667.75	667.87
P-512	S-508	S-513	250	18	CLASS A, TYPE 2	0.26	1	163.3	665.95	666.59
P-513	S-514	S-513	12	15	CLASS A, TYPE 2	0.50	1	4.7	665.98	666.04
P-514	S-515	S-514	24	12	CLASS A, TYPE 2	0.50	1	5.8	666.14	666.26
P-515	S-516	S-515	18	12	CLASS A, TYPE 2	0.50	2	4.4	666.36	666.45
P-516	S-517	S-516	24	12	CLASS A, TYPE 2	0.46	2	4.7	666.55	666.66
P-517	S-513	S-515	245	24	CLASS A, TYPE 2	0.17	1	159.2	665.04	665.45
P-518	S-519	S-518	12	15	CLASS A, TYPE 2	0.33	1	2.7	664.80	664.84
P-5										



STORM SEWER PIPE SCHEDULE

PIPE NO.	FROM	TO	LENGTH (FT)	DIA (IN)	PIPE TYPE	SLOPE (%)	CONSTRUCTION STAGE	TBF (CY)	D.I.	U.I.
P-532	S-533	S-532	12	12	CLASS A, TYPE 2	1.00	1	4.5	665.17	665.29
P-533	S-534	S-533	24	12	CLASS A, TYPE 2	0.50	1	5.9	665.39	665.51
P-534	S-535	S-534	18	12	CLASS A, TYPE 2	0.50	2	4.5	665.61	665.70
P-535	S-536	S-535	24	12	CLASS A, TYPE 2	0.50	2	4.8	665.80	665.92
P-536	S-532	S-537	250	30	CLASS A, TYPE 2	0.13	1	250.0	663.64	663.96
P-537	S-538	S-537	12	15	CLASS A, TYPE 2	0.83	1	10.6	664.79	664.89
P-538	S-539	S-538	24	12	CLASS A, TYPE 2	1.00	1	12.8	665.14	665.38
P-539	S-540	S-539	18	12	CLASS A, TYPE 2	1.00	2	8.0	665.48	665.66
P-540	S-541	S-539	24	12	CLASS A, TYPE 2	1.00	2	7.9	665.76	666.00
P-541	S-537	S-542	340	30	CLASS A, TYPE 2	0.13	1	471.4	663.10	663.54
P-541A	S-542	S-544	10	30	CLASS A, TYPE 2	0.50	1	14.8	663.05	663.10
P-542	S-542A	S-543	36	30	CLASS A, TYPE 2	2.39	1	0	661.66	662.52
P-543	S-544	S-542A	28	30	CLASS A, TYPE 2	1.00	1	33.1	662.66	662.94
P-544	S-545	S-542	12	12	CLASS A, TYPE 2	1.00	1	12.2	664.60	664.70
P-545	S-546	S-545	24	12	CLASS A, TYPE 2	1.00	1	18.9	664.90	665.14
P-546	S-547	S-546	18	12	CLASS A, TYPE 2	1.00	2	13.9	665.24	665.42
P-547	S-548	S-547	24	12	CLASS A, TYPE 2	1.00	2	16.0	665.64	665.88
P-548	S-549	S-550	52	15	CLASS A, TYPE 2	0.50	1	13.3	667.48	667.22
P-600	S-601	S-600	95	30	CLASS A, TYPE 2	0.13	1	0	661.98	662.10
P-601	S-602	S-601	15	30	CLASS A, TYPE 2	0.40	1	13.7	662.16	662.22
P-602	S-603	S-602	15	12	CLASS A, TYPE 2	1.00	1	12.7	663.72	663.87
P-603	S-604	S-603	24	12	CLASS A, TYPE 2	1.00	1	11.3	663.97	664.21
P-604	S-605	S-604	18	12	CLASS A, TYPE 2	1.00	2	6.8	664.36	664.54
P-605	S-606	S-605	24	12	CLASS A, TYPE 2	1.00	2	7.7	664.64	664.88
P-606	S-607	S-602	195	30	CLASS A, TYPE 2	0.13	1	228.0	662.22	662.47
P-607	S-608	S-607	12	12	CLASS A, TYPE 2	1.00	1	3.8	663.97	664.09
P-608	S-609	S-608	24	12	CLASS A, TYPE 2	1.00	1	7.3	664.20	664.44
P-609	S-610	S-609	18	12	CLASS A, TYPE 2	1.00	2	5.4	664.54	664.72
P-610	S-611	S-610	24	12	CLASS A, TYPE 2	1.00	2	5.8	664.82	665.06
P-611	S-612	S-607	165	30	CLASS A, TYPE 2	0.13	1	159.9	662.53	662.75
P-612	S-613	S-612	12	12	CLASS A, TYPE 2	1.00	1	7.7	663.81	663.93
P-613	S-614	S-613	24	12	CLASS A, TYPE 2	1.00	1	6.5	664.01	664.25
P-614	S-615	S-614	25	12	CLASS A, TYPE 2	0.72	2	6.6	664.35	664.53
P-615	S-616	S-615	24	12	CLASS A, TYPE 2	1.83	2	4.7	664.63	665.07
P-616	S-617	S-612	190	30	CLASS A, TYPE 2	0.13	1	162.1	662.85	663.09
P-617	S-618	S-617	12	15	CLASS A, TYPE 2	0.83	1	5.6	663.96	664.06
P-618	S-619	S-618	24	12	CLASS A, TYPE 2	1.00	1	4.7	664.16	664.40
P-619	S-620	Existing	36	12	CLASS A, TYPE 2	1.00	1	10.3	663.63	663.99
P-620	S-621	S-617	157	30	CLASS A, TYPE 2	0.13	2	111.0	663.19	663.39
P-621	S-622	S-621	12	15	CLASS A, TYPE 2	1.00	1	4.3	663.66	663.78
P-622	S-623	S-622	10	10	CLASS A, TYPE 2	0.56	1	3.3	663.78	663.84
P-623	S-624	S-622	24	12	CLASS A, TYPE 2	1.00	1	4.3	663.97	664.21
P-624	S-625	S-624	10	10	CLASS A, TYPE 2	0.56	1	1.9	664.21	664.27
P-625	S-626	S-624	12	12	CLASS A, TYPE 2	1.00	1/2	2.2	664.31	664.43
P-626	S-627	S-626	10	10	CLASS A, TYPE 2	0.56	1/2	1.8	664.43	664.49
P-627	S-628	S-621	123	30	CLASS A, TYPE 2	0.13	1	59.3	663.39	663.55
P-628	S-629	S-628	12	12	CLASS A, TYPE 2	1.00	1	4.2	663.77	663.89
P-629	S-630	S-629	30	12	CLASS A, TYPE 2	1.02	1	6.4	663.97	664.27
P-630	S-631	S-628	185	18	CLASS A, TYPE 2	0.26	1	69.0	664.55	665.03
P-631	S-632	S-631	12	12	CLASS A, TYPE 2	0.50	1	7.1	665.34	665.40
P-632	S-633	S-632	30	12	CLASS A, TYPE 2	0.50	1	6.0	665.45	665.60
P-633	S-635	S-636	80	42	CLASS A, TYPE 2	0.18	2	0	659.60	659.75
P-700	S-700	S-701	15	12	CLASS A, TYPE 2*	6.67	2	0	669.26	669.36

• WATER MAIN QUALITY PIPE

LEGEND

BOUNDARY LINES/SYMBOLS	EXISTING	PROPOSED
DITCH & SWALE BOTTOM	----	----
ROADWAY DITCH FLOW	~>	~>
SUMMIT		~>~>
DIRECTION OF SWALE FLOW	→	→
PIPE CULVERT	-----!	=====
PIPE UNDERDRAINS OR DRAINS	-----	-----
STORM SEWER	-----	-----
CATCH BASIN	○	●
INLET	—	—
MANHOLE	○	⊙
PIPE CULVERT END SECTION	◁	◁
CONCRETE HEADWALL FOR PIPE DRAINS		—◁
STRUCTURES	XXX	XXX
PIPES		XXX
CATCH BASINS TO BE ADJUSTED		ADJ C.B.
MANHOLES TO BE ADJUSTED		ADJ M.H.
VALVE VAULTS TO BE ADJUSTED		A V.V.
VALVE BOX TO BE ADJUSTED		ADJ V.B.
FIRE HYDRANTS TO BE ADJUSTED		ADJ F.H.
STORM SEWER TO BE CLEANED		C
MANHOLES TO BE RECONSTRUCTED		REC M.H.
INLETS TO BE ADJUSTED		ADJ INL.
INLETS TO BE ADJUSTED W/NEW TY. 8 F&G		☆ADJ INL.
MANHOLE TO BE ADJUSTED (SPECIAL)		SP M.H.
FRAMES AND GRATES TO BE ADJUSTED ON M.H.		A M.H.
FRAMES AND GRATES TO BE ADJUSTED ON INL.		A INL.
FRAMES AND GRATES TO BE ADJUSTED ON C.B.		A C.B.
FRAMES AND LIDS TO BE ADJUSTED ON M.H.		A M.H.

FILE NAME =	USER NAME = amanda.j	DESIGNED - MAG	REVISED -
st\joi\6300--6399\6346\023\micro\sh\0132-sh\drain\00.dgn		DRAWN - AJJ	REVISED -
	PLOT SCALE = 40.0000' / in.	CHECKED - SJN	REVISED -
	PLOT DATE = 5/11/2012	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

DRAINAGE SCHEDULES

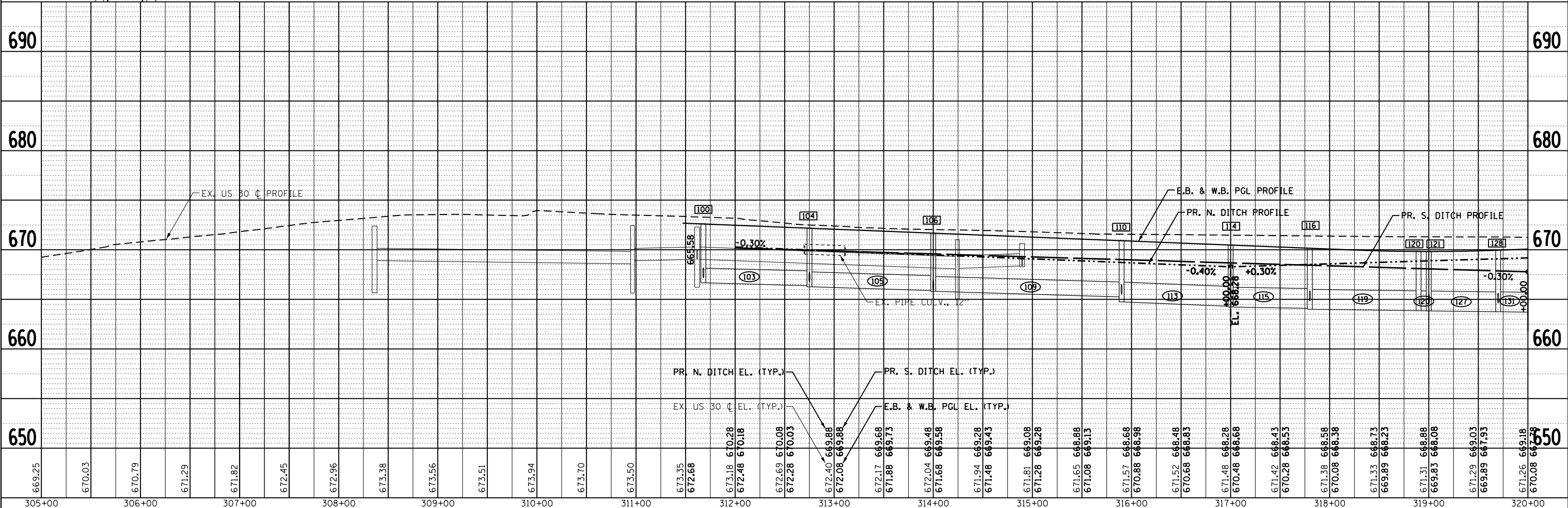
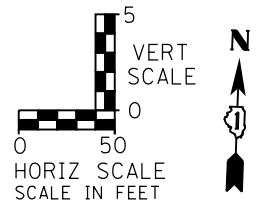
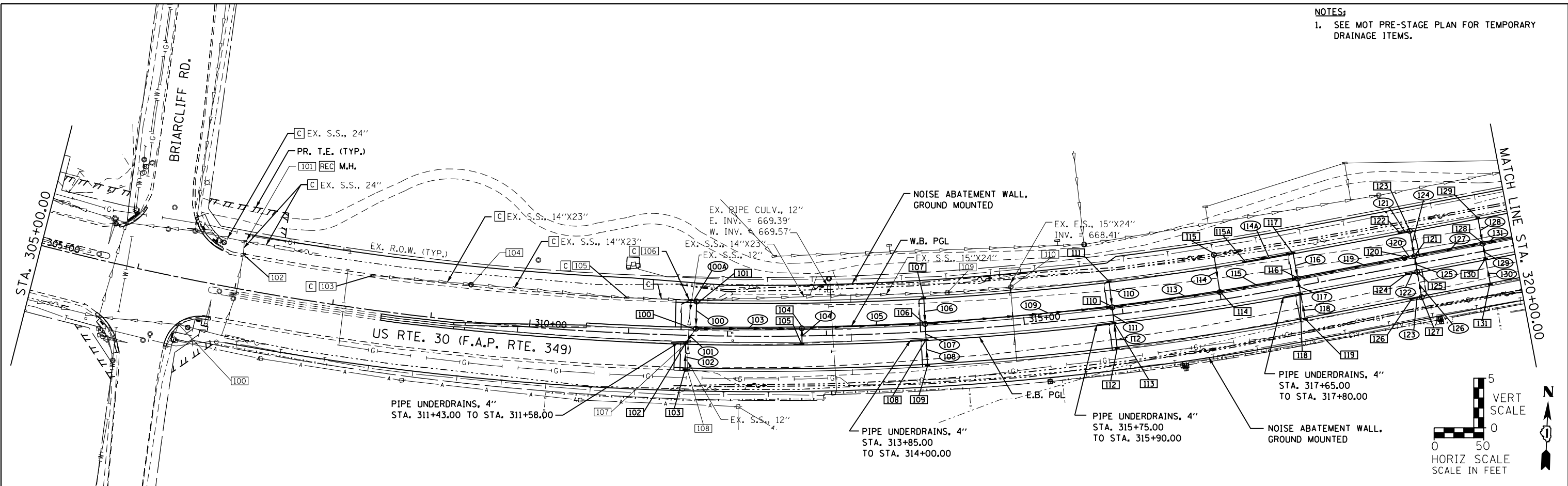
SCALE: SHEET NO. OF SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
349	11 WRS-3	KENDALL	527	164
CONTRACT NO. 60132				
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				

NOTES:
1. SEE MOT PRE-STAGE PLAN FOR TEMPORARY DRAINAGE ITEMS.

PLAN	SURVEYED	BY	DATE
	PLOTTED		
	GRADES CHECKED		
	STRUCTURE NOTED		
	FILE NAME		

PROFILE	SURVEYED	BY	DATE
	PLOTTED		
	GRADES CHECKED		
	STRUCTURE NOTED		
	FILE NAME		



STRAND ASSOCIATES, INC.
1170 SOUTH HOUBOLT ROAD
JOLIET, ILLINOIS 60431
(815) 744-4200

USER NAME = amandaj	DESIGNED - RES/NJO	REVISED -
PLOT SCALE = 100.0000' / 1\"/>		

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

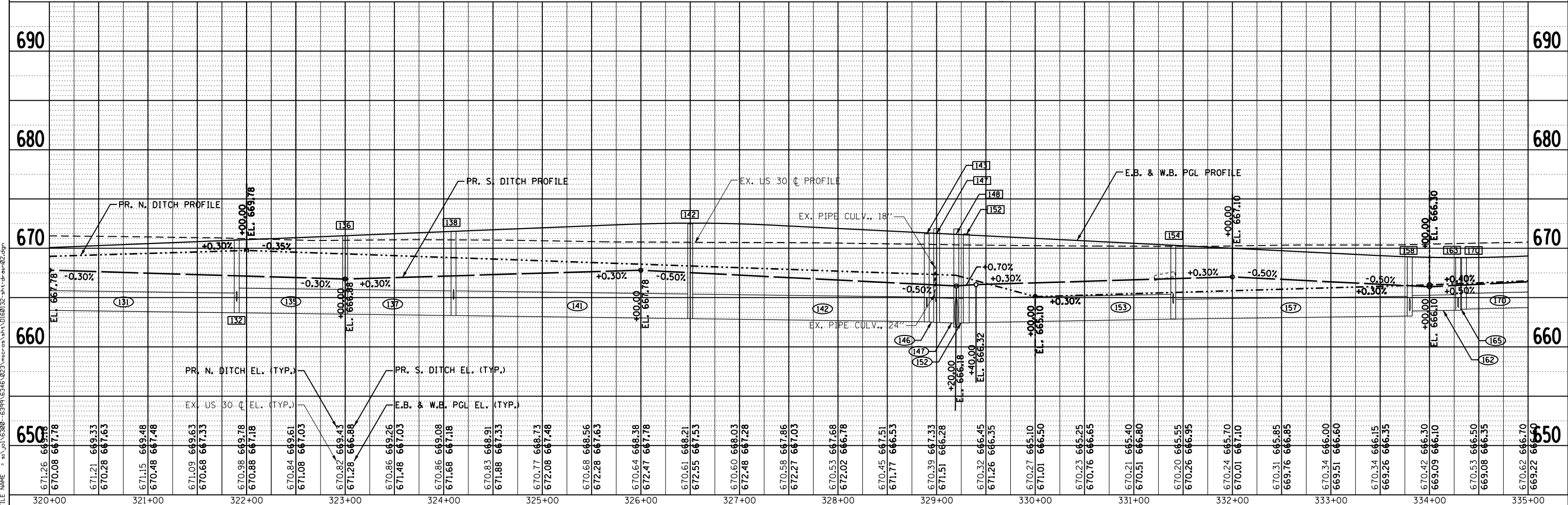
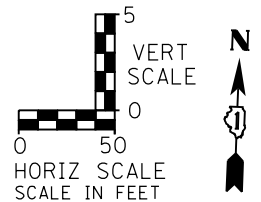
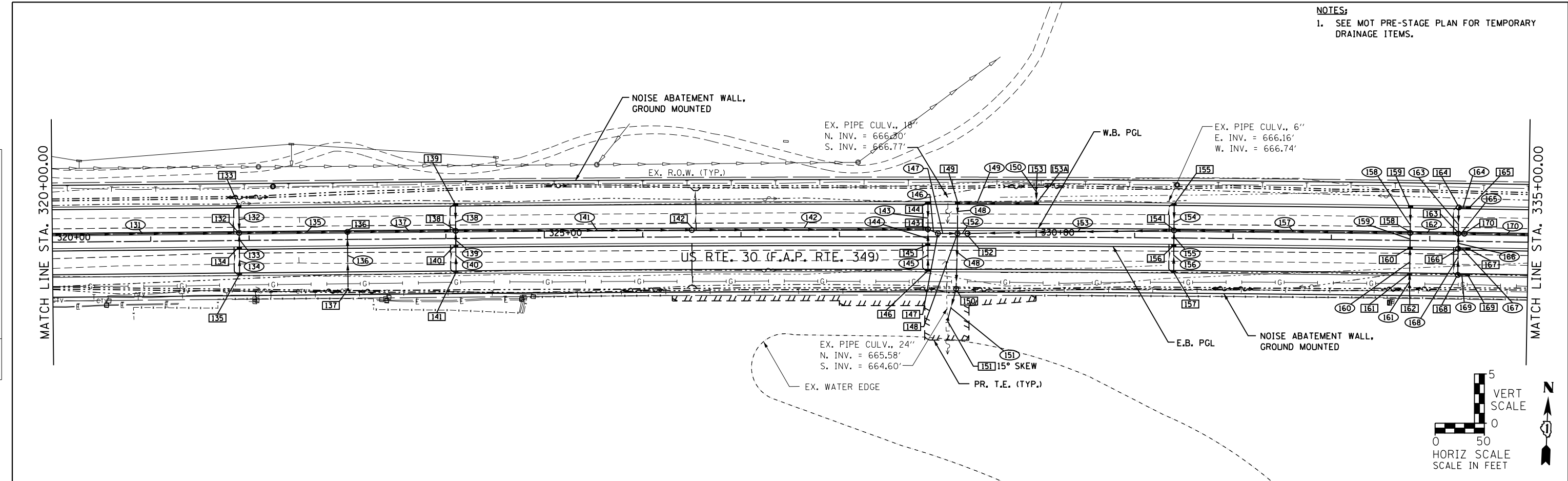
US ROUTE 30 - DRAINAGE AND UTILITY PLAN AND PROFILE
SCALE: AS SHOWN SHEET NO. OF SHEETS STA. 305+00 TO STA. 320+00

F.A.P. RTE. 349	SECTION 11 WRS-3	COUNTY KENDALL	TOTAL SHEETS 527	SHEET NO. 165
CONTRACT NO. 60132				
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				

NOTES:
 1. SEE MOT PRE-STAGE PLAN FOR TEMPORARY DRAINAGE ITEMS.

PLAN	SURVEYED	DATE
	PLOTTED	
	ALIGNED	
	CHECKED	
	STRUCTURE	
	NO. _____	
	FILE NAME	

PROFILE	SURVEYED	DATE
	PLOTTED	
	GRADES	
	CHECKED	
	STRUCTURE	
	NO. _____	
	FILE NAME	



650	671.26	669.33	670.28	667.63	671.15	669.48	670.48	667.48	671.09	669.63	670.68	667.33	670.98	669.78	670.88	667.18	670.84	669.61	671.08	667.03	670.82	669.43	671.28	666.88	670.86	669.26	671.48	667.03	670.86	669.08	671.68	667.18	670.83	668.91	671.88	667.33	670.77	668.73	672.08	667.48	670.68	668.56	672.28	667.63	670.64	668.38	672.47	667.78	670.61	668.21	672.55	667.53	670.60	668.03	672.48	667.28	670.58	667.86	672.27	667.03	670.53	667.68	672.02	666.78	670.45	667.51	671.77	666.53	670.39	667.33	671.51	666.28	670.32	666.45	671.26	666.35	670.27	665.10	671.01	666.50	670.23	665.25	670.76	666.65	670.21	665.40	670.51	666.80	670.20	665.55	670.26	666.95	670.24	665.70	670.01	667.10	670.31	665.85	669.76	666.85	670.34	666.00	669.51	666.60	670.34	666.15	669.26	666.35	670.42	666.30	669.09	666.10	670.53	666.50	669.08	666.35	670.62	666.70	669.22	666.90
320+00	321+00	322+00	323+00	324+00	325+00	326+00	327+00	328+00	329+00	330+00	331+00	332+00	333+00	334+00	335+00																																																																																																									

STRAND ENGINEERS
 1170 SOUTH HOUBOLT ROAD
 JOLIET, ILLINOIS 60431
 (815) 744-4200

USER NAME = amanda.j	DESIGNED - RES/NJO	REVISOR -
PLOT SCALE = 100.0000' / 1"	CHECKED - MKS	REVISIONS -
PLOT DATE = 5/11/2012	DRAWN - AJJ	REVISIONS -
	CHECKED - SJN	REVISIONS -

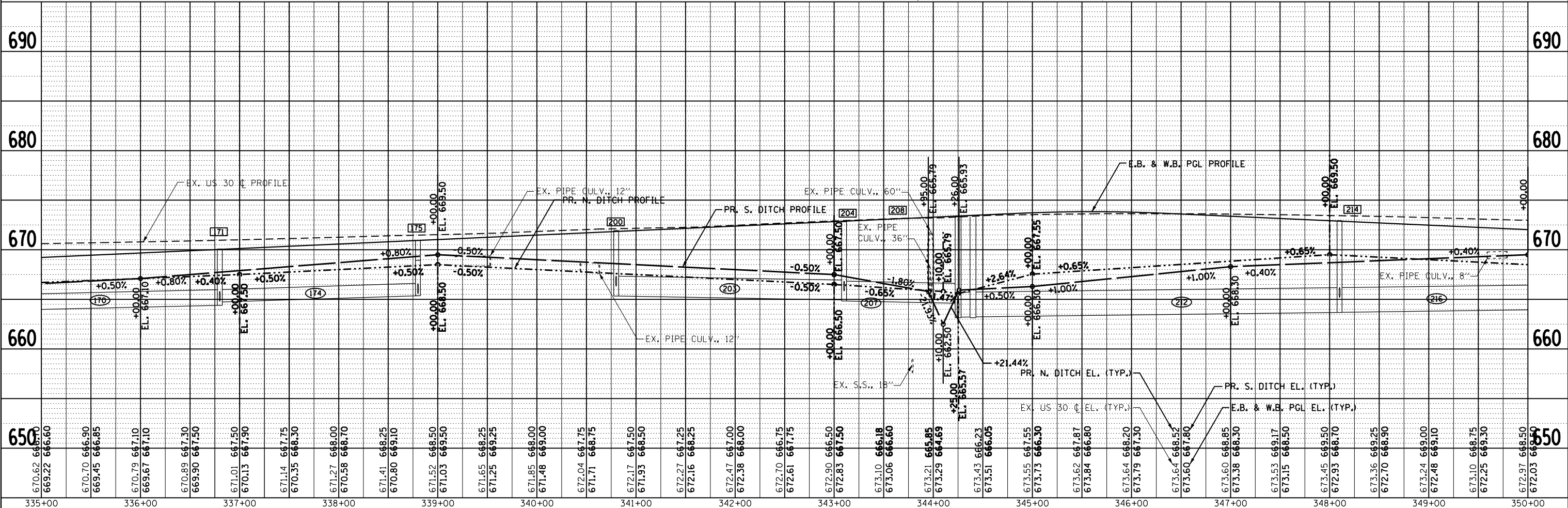
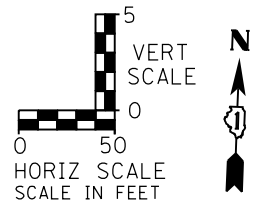
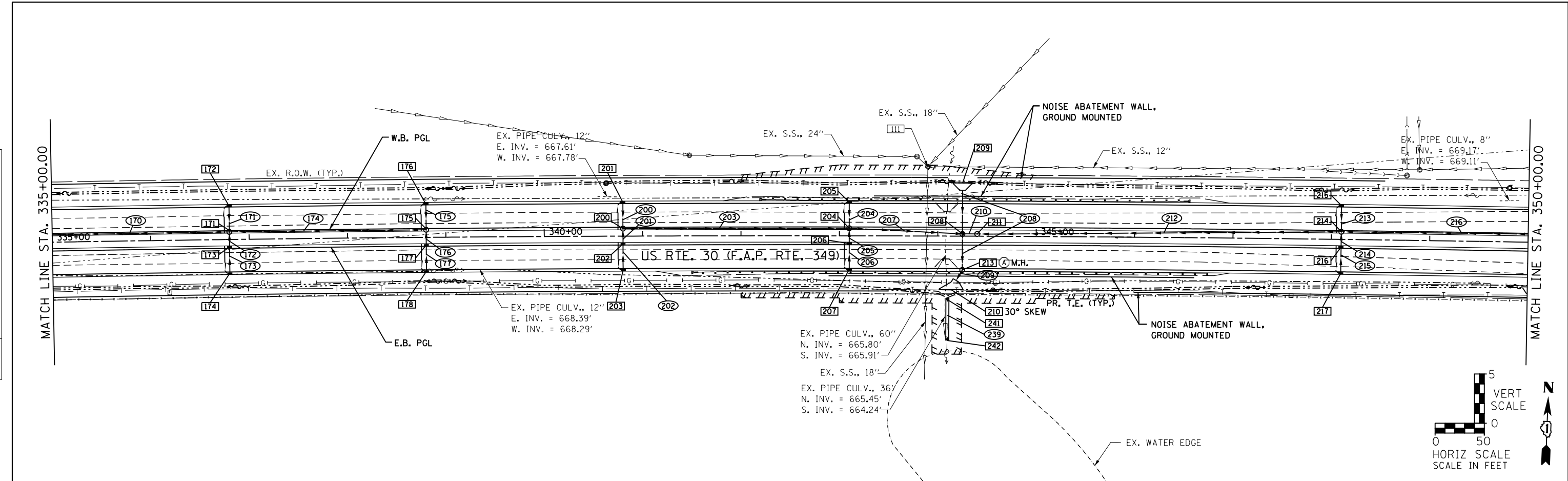
STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

US ROUTE 30 - DRAINAGE AND UTILITY PLAN AND PROFILE
 SCALE: AS SHOWN SHEET NO. OF SHEETS STA. 320+00 TO STA. 335+00

F.A.P. RT. 349	SECTION 11 WRS-3	COUNTY KENDALL	TOTAL SHEETS 527	SHEET NO. 166
CONTRACT NO. 60132				
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				

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

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



FILE NAME = s:\proj\6300-6399\6346\023\microstation\0160132.dgn
 1170 SOUTH HOUBOLT ROAD
 JOLIET, ILLINOIS 60431
 (815) 744-4200
STRAND ASSOCIATES, INC.
 ENGINEERS

USER NAME = amandaj	DESIGNED - RES/NJO	REVISED -
	CHECKED - MKS	REVISED -
PLOT SCALE = 100.0000' / 1"	DRAWN - AJJ	REVISED -
PLOT DATE = 5/11/2012	CHECKED - SUN	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

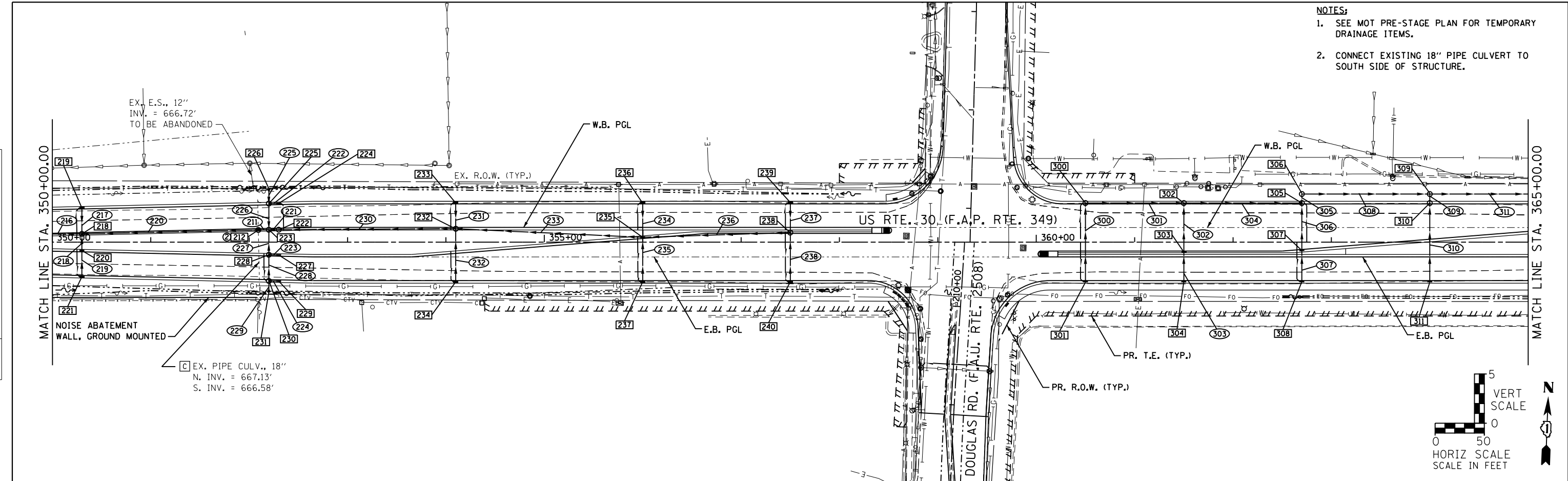
US ROUTE 30 - DRAINAGE AND UTILITY PLAN AND PROFILE

SCALE: AS SHOWN SHEET NO. OF SHEETS STA. 335+00 TO STA. 350+00

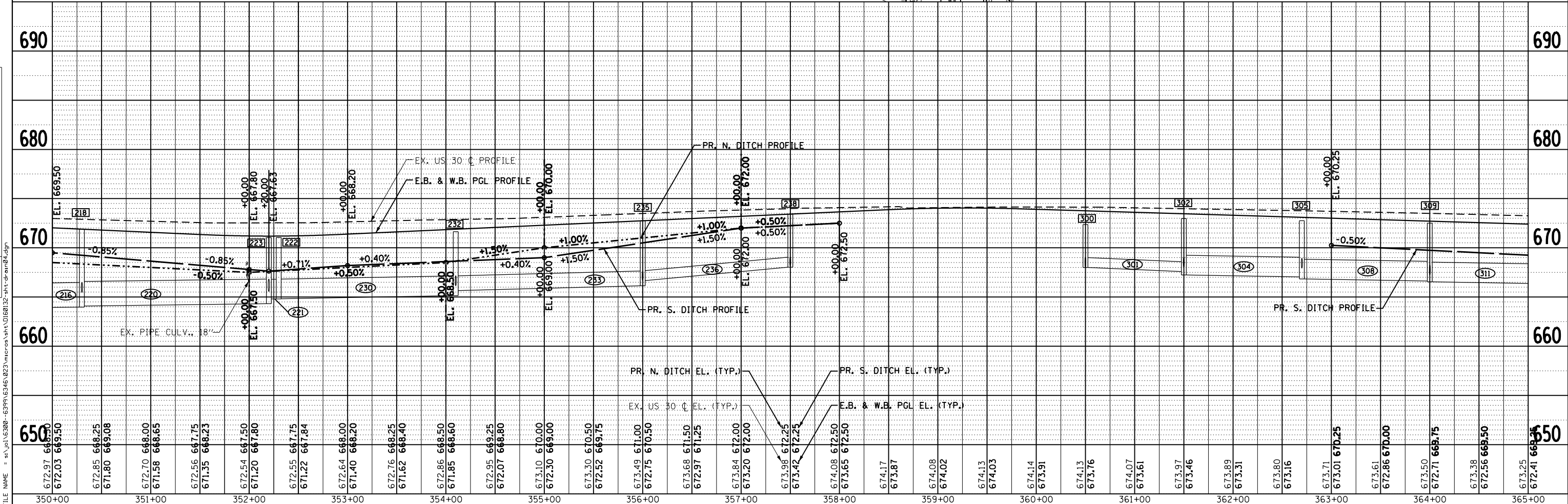
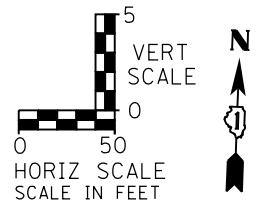
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
349	11 WRS-3	KENDALL	527	167
CONTRACT NO. 60132				
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				

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

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



- NOTES:**
- SEE MOT PRE-STAGE PLAN FOR TEMPORARY DRAINAGE ITEMS.
 - CONNECT EXISTING 18" PIPE CULVERT TO SOUTH SIDE OF STRUCTURE.



690	690
680	680
670	670
660	660
650	650

1170 SOUTH HOUBOLT ROAD
JOLIET, ILLINOIS 60431
(815) 744-4200

USER NAME = amandaj	DESIGNED - RES/NJO	REVISED -
PLOT SCALE = 100.0000' / 1"	CHECKED - MKS	REVISED -
PLOT DATE = 5/11/2012	DRAWN - AJJ	REVISED -
	CHECKED - SJN	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

US ROUTE 30 - DRAINAGE AND UTILITY PLAN AND PROFILE

SCALE: AS SHOWN SHEET NO. OF SHEETS STA. 350+00 TO STA. 365+00

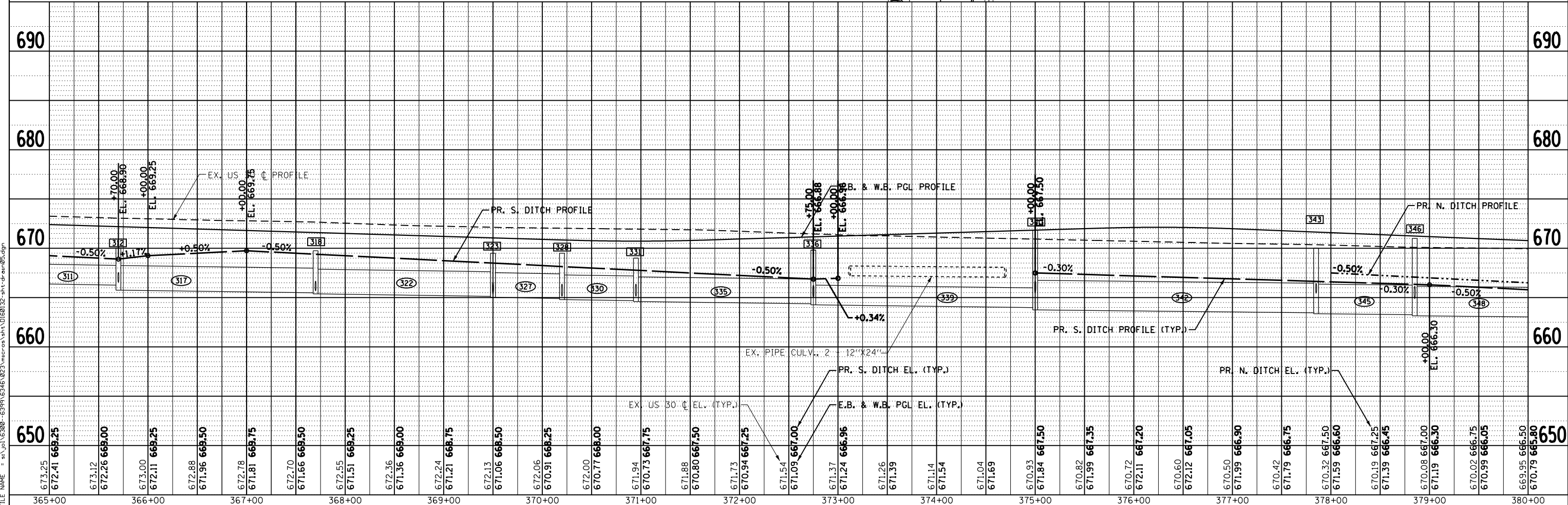
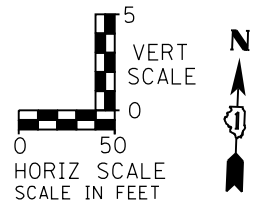
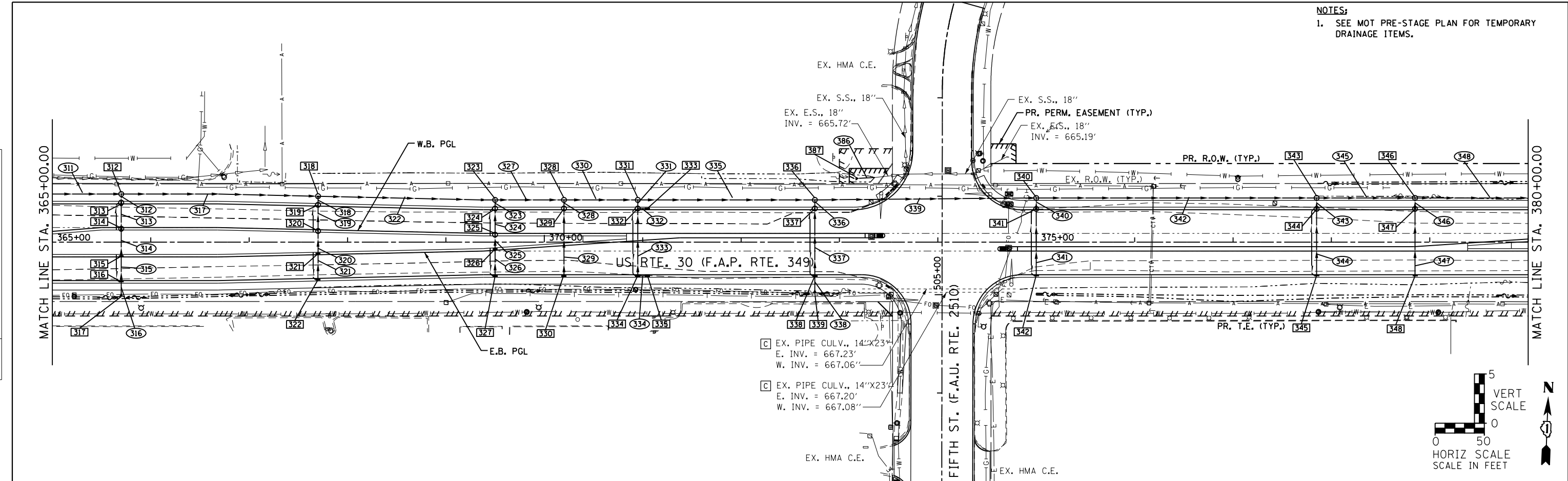
F.A.P. RTE. 349	SECTION 11 WRS-3	COUNTY KENDALL	TOTAL SHEETS 527	SHEET NO. 168
CONTRACT NO. 60132				
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				

FILE NAME = s:\proj\6300-6399\6346\023\microst\h\0160132-1\ht-draw\p04.dgn

NOTES:
1. SEE MOT PRE-STAGE PLAN FOR TEMPORARY DRAINAGE ITEMS.

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

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



673.25	672.41	668.25	673.12	672.26	668.00	673.00	672.11	668.25	672.88	671.96	668.50	672.78	671.81	668.75	672.70	671.66	668.50	672.55	671.51	668.25	672.36	671.36	668.00	672.24	671.21	668.75	672.13	671.06	668.50	672.06	670.91	668.25	672.00	670.77	668.00	671.94	670.73	667.75	671.88	670.80	667.50	671.73	670.94	667.25	671.54	671.09	667.00	671.37	671.24	666.96	671.26	671.39	671.14	671.54	671.04	671.69	670.93	671.84	667.50	670.82	671.99	667.35	670.72	672.11	667.20	670.60	672.12	667.05	670.50	671.99	666.90	670.42	671.79	666.75	670.32	667.50	671.59	666.60	670.19	667.25	671.39	666.45	670.08	667.00	671.19	666.30	670.02	666.75	670.99	666.05	669.95	666.50	670.79	666.80
365+00	366+00	367+00	368+00	369+00	370+00	371+00	372+00	373+00	374+00	375+00	376+00	377+00	378+00	379+00	380+00																																																																															

STRAND ASSOCIATES, INC.
1170 SOUTH HOUBOLT ROAD
JOLIET, ILLINOIS 60431
(815) 744-4200

USER NAME = amandaj	DESIGNED - RES/NJO	REVISED -
PLOT SCALE = 100.0000' / 1"	CHECKED - MKS	REVISED -
PLOT DATE = 5/11/2012	DRAWN - AJJ	REVISED -
	CHECKED - SJN	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

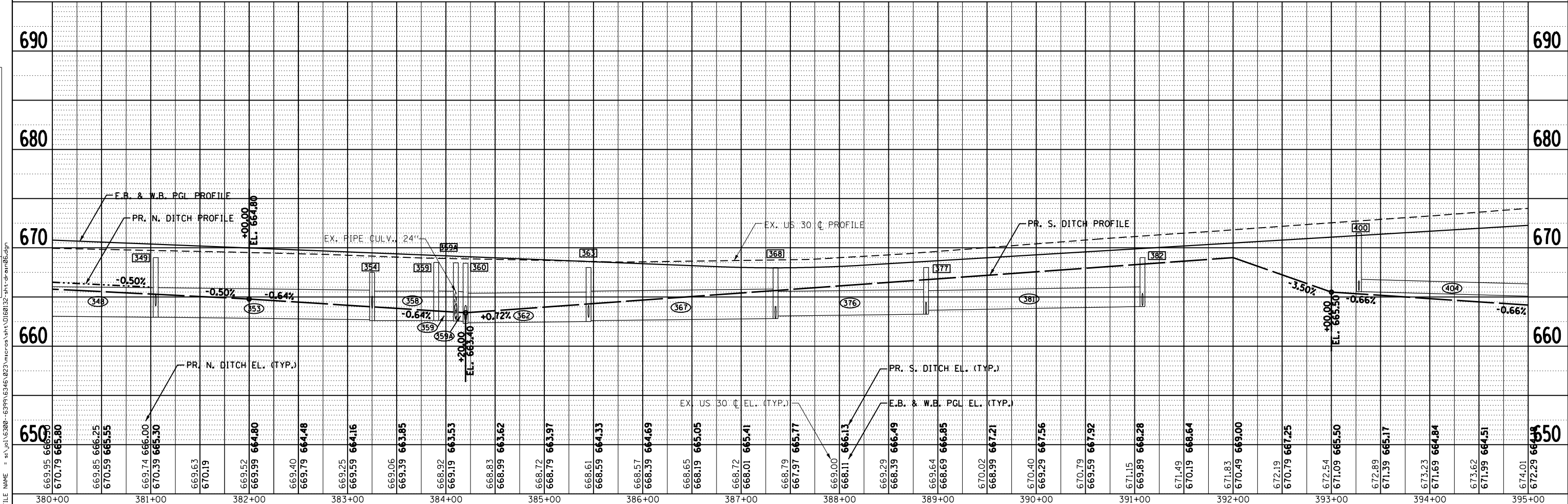
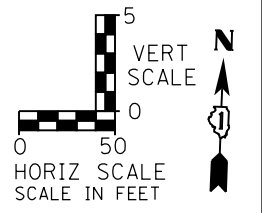
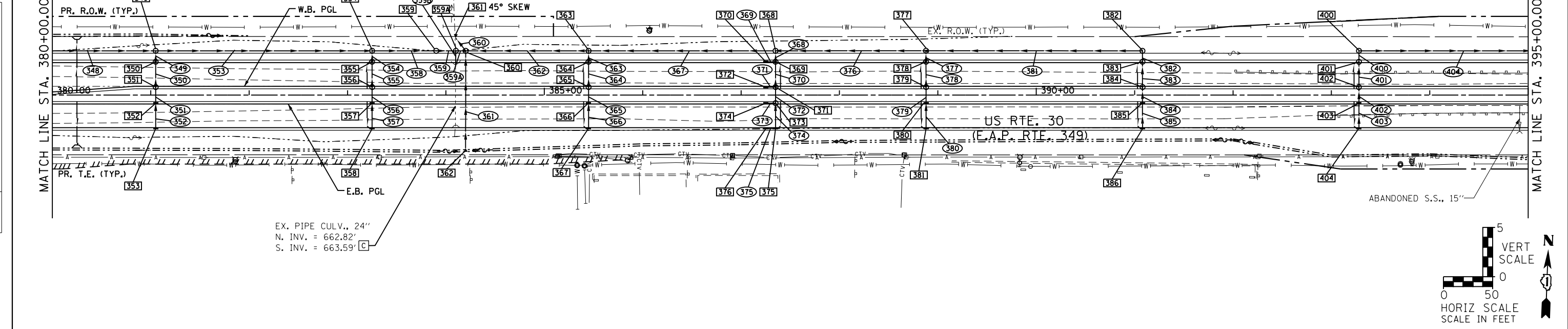
US ROUTE 30 - DRAINAGE AND UTILITY PLAN AND PROFILE
SCALE: AS SHOWN SHEET NO. OF SHEETS STA. 365+00 TO STA. 380+00

F.A.P. RTE. 349	SECTION 11 WRS-3	COUNTY KENDALL	TOTAL SHEETS 527	SHEET NO. 169
CONTRACT NO. 60132				
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				

NOTES:
1. SEE MOT PRE-STAGE PLAN FOR TEMPORARY DRAINAGE ITEMS.

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

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



669.95	669.85	669.74	669.63	669.52	669.40	669.25	669.06	668.92	668.83	668.72	668.61	668.57	668.65	668.72	668.79	669.00	669.29	669.64	670.02	670.40	670.79	671.15	671.49	671.83	672.19	672.54	672.89	673.23	673.62	674.01	690	680	670	660	650
380+00	381+00	382+00	383+00	384+00	385+00	386+00	387+00	388+00	389+00	390+00	391+00	392+00	393+00	394+00	395+00																				

STRAND ENGINEERS
1170 SOUTH HOUBOLT ROAD
JOLIET, ILLINOIS 60431
(815) 744-4200

USER NAME = amanda_j
DESIGNED - RES/NJO
CHECKED - MKS
DRAWN - AJJ
CHECKED - SUN
PLOT SCALE = 100.0000' / 1" =
PLOT DATE = 5/11/2012

REVISED -
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REVISED -
REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

US ROUTE 30 - DRAINAGE AND UTILITY PLAN AND PROFILE

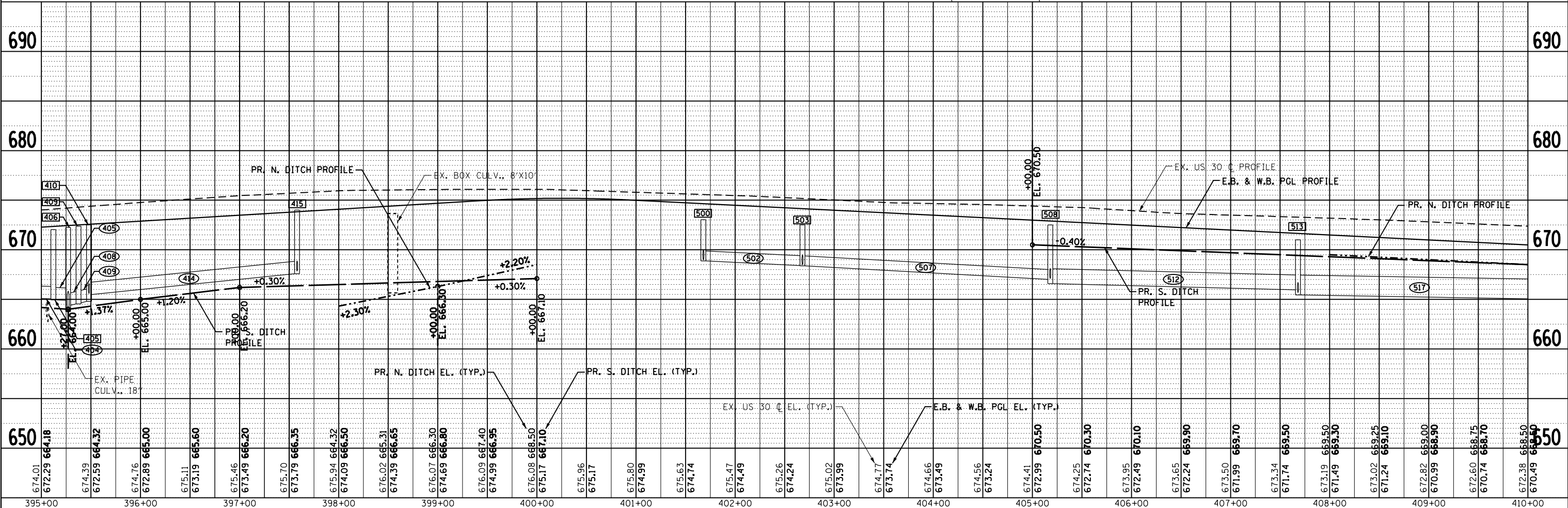
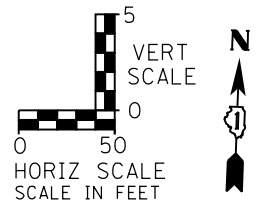
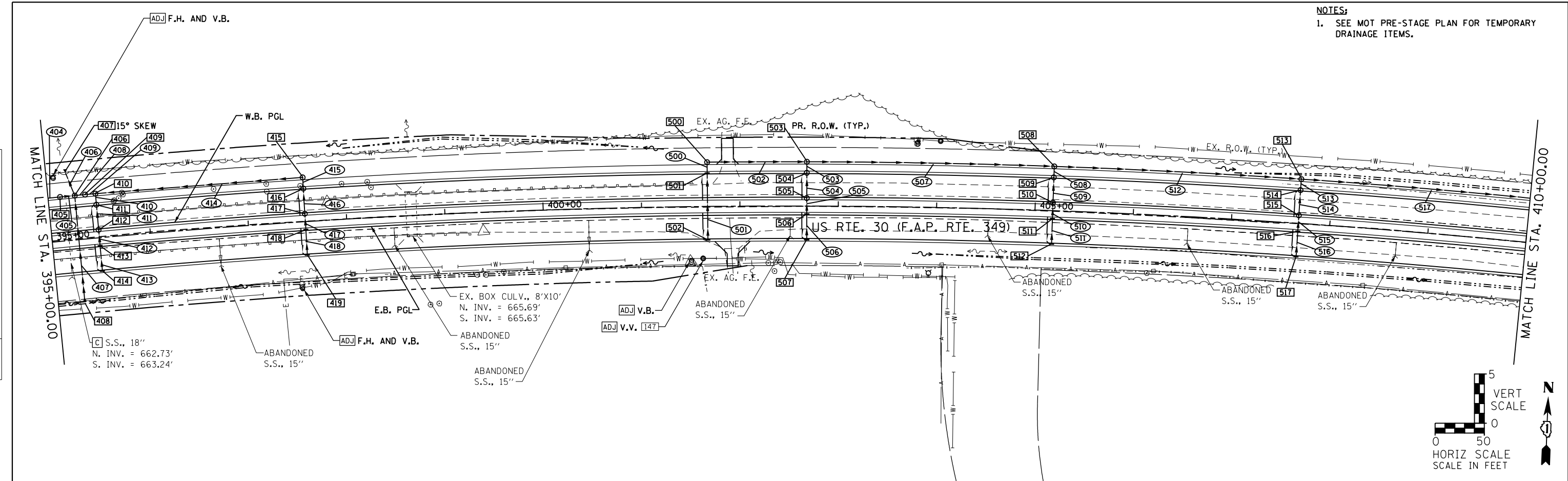
SCALE: AS SHOWN SHEET NO. OF SHEETS STA. 380+00 TO STA. 395+00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
349	11 WRS-3	KENDALL	527	170
CONTRACT NO. 60132				
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				

NOTES:
1. SEE MOT PRE-STAGE PLAN FOR TEMPORARY DRAINAGE ITEMS.

PLAN	SURVEYED	DATE
	PLOTTED	BY
	GRADES CHECKED	
	STRUCTURE NOT AT THIS OFFICE	
	NOTE BOOK NO.	
	FILE NAME	

PROFILE	SURVEYED	DATE
	PLOTTED	BY
	GRADES CHECKED	
	STRUCTURE NOT AT THIS OFFICE	
	NOTE BOOK NO.	
	FILE NAME	



1170 SOUTH HOUBOLT ROAD
JOLIET, ILLINOIS 60431
(815) 744-4200

USER NAME = amandaj	DESIGNED - RES/NJO	REVISED -
	CHECKED - MKS	REVISED -
	DRAWN - AJJ	REVISED -
	CHECKED - SJN	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

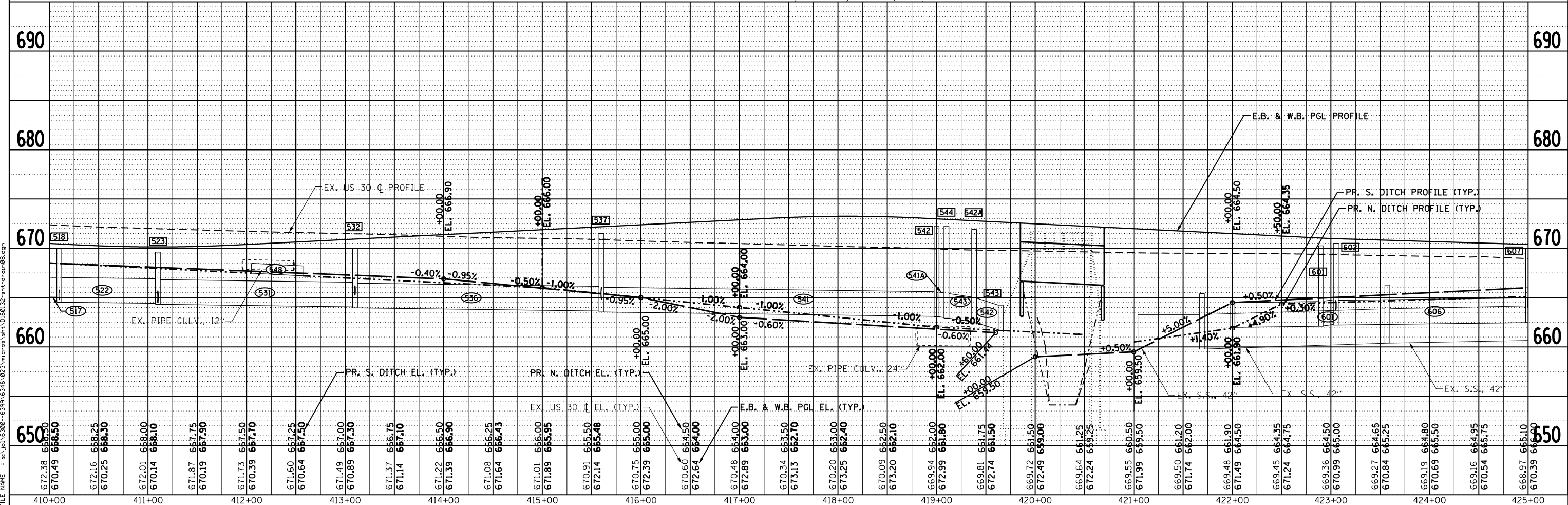
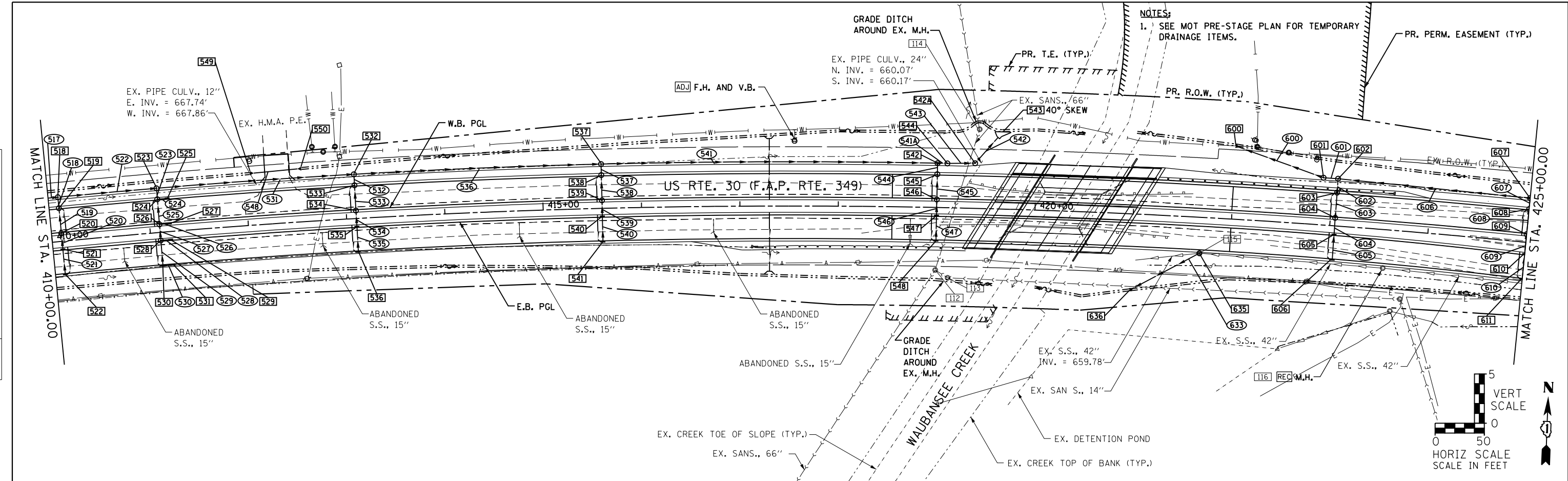
US ROUTE 30 - DRAINAGE AND UTILITY PLAN AND PROFILE
SCALE: AS SHOWN SHEET NO. OF SHEETS STA. 395+00 TO STA. 410+00

F.A.P. RTE. 349	SECTION 11 WRS-3	COUNTY KENDALL	TOTAL SHEETS 527	SHEET NO. 171
CONTRACT NO. 60132				
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				

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	GRADES CHECKED	
	STRUCTURE NOT AT THIS OFFICE	
	NOTE BOOK NO.	
	FILE NAME	

PROFILE	SURVEYED	DATE
	PLOTTED	BY
	GRADES CHECKED	
	STRUCTURE NOT AT THIS OFFICE	
	NOTE BOOK NO.	
	FILE NAME	



1170 SOUTH HOUBOLT ROAD
JOLIET, ILLINOIS 60431
(815) 744-4200

USER NAME = amanda.j	DESIGNED - RES/NJO	REVISED -
	CHECKED - MKS	REVISED -
PLOT SCALE = 100.0000' / 1\"/>		

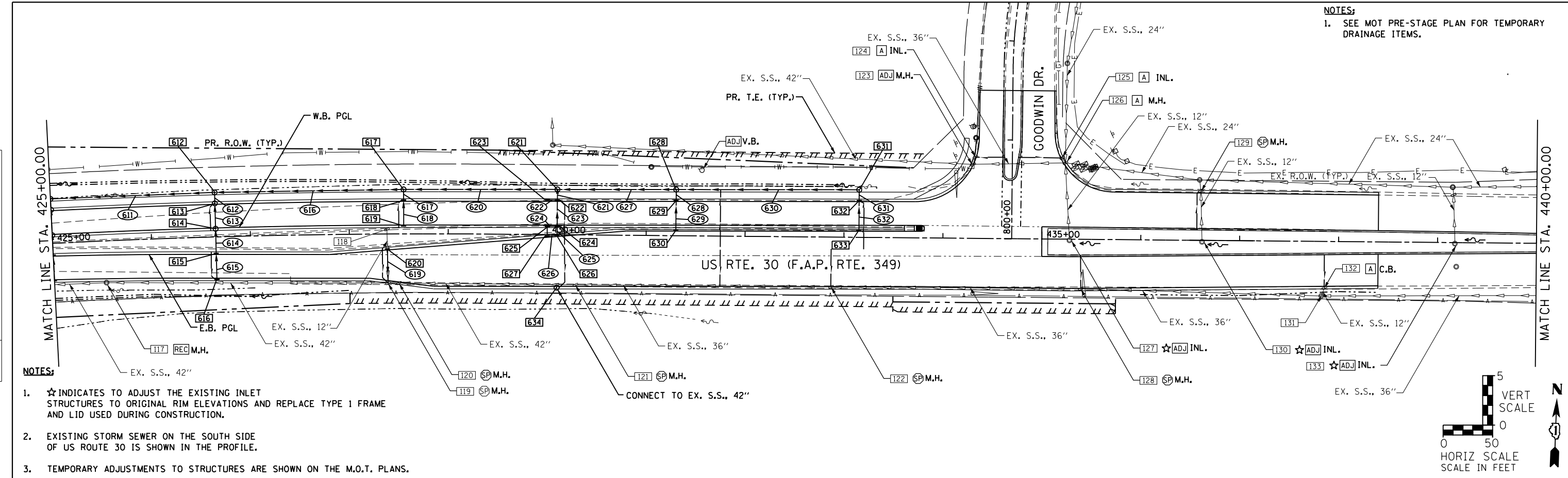
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

US ROUTE 30 - DRAINAGE AND UTILITY PLAN AND PROFILE
SCALE: AS SHOWN SHEET NO. OF SHEETS STA. 410+00 TO STA. 415+00

F.A.P. RTE. 349	SECTION 11 WRS-3	COUNTY KENDALL	TOTAL SHEETS 527	SHEET NO. 172
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				CONTRACT NO. 60132

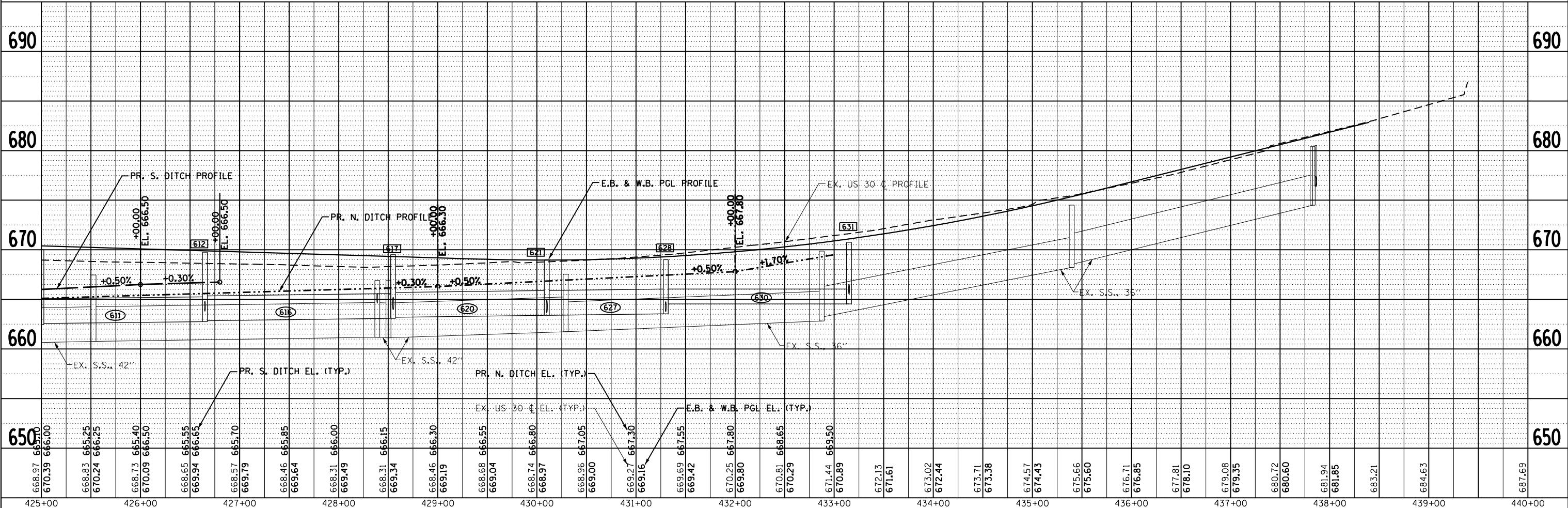
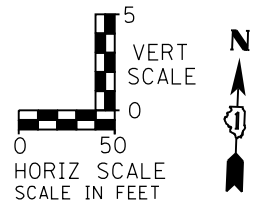
PLAN	SURVEYED	DATE
	PLOTTED	BY
	GRADES CHECKED	
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	FILE NAME	

PROFILE	SURVEYED	DATE
	PLOTTED	BY
	GRADES CHECKED	
	ALIGNMENT CHECKED	
	STRUCTURE NOTED	
	FILE NAME	



NOTES:
1. SEE MOT PRE-STAGE PLAN FOR TEMPORARY DRAINAGE ITEMS.

- NOTES:
- ★ INDICATES TO ADJUST THE EXISTING INLET STRUCTURES TO ORIGINAL RIM ELEVATIONS AND REPLACE TYPE 1 FRAME AND LID USED DURING CONSTRUCTION.
 - EXISTING STORM SEWER ON THE SOUTH SIDE OF US ROUTE 30 IS SHOWN IN THE PROFILE.
 - TEMPORARY ADJUSTMENTS TO STRUCTURES ARE SHOWN ON THE M.O.T. PLANS.



STRAND ASSOCIATES, INC.
1170 SOUTH HOUBOLT ROAD
JOLIET, ILLINOIS 60431
(815) 744-4200

USER NAME = amandaj	DESIGNED - RES/NJO	REVISED -
	CHECKED - MKS	REVISED -
	DRAWN - AJJ	REVISED -
	CHECKED - SJN	REVISED -
PLOT SCALE = 100.0000' / 1"		
PLOT DATE = 5/11/2012		

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

US ROUTE 30 - DRAINAGE AND UTILITY PLAN AND PROFILE

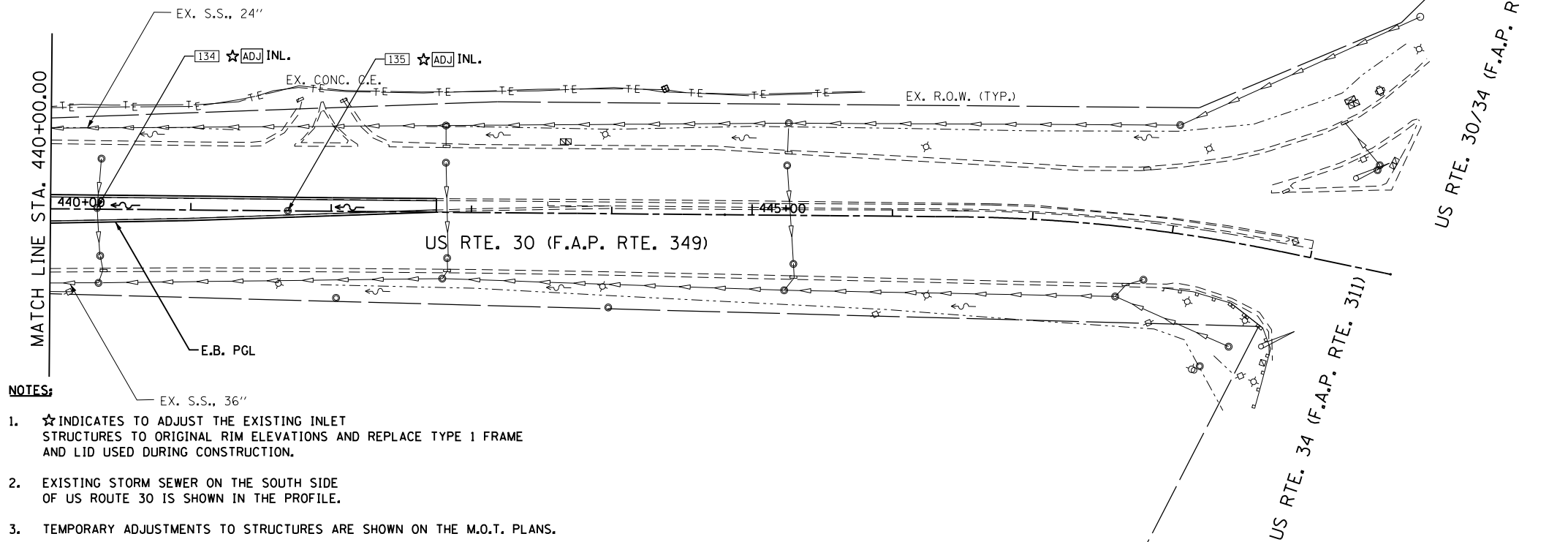
F.A.P. RTE. 349	SECTION 11 WRS-3	COUNTY KENDALL	TOTAL SHEETS 527	SHEET NO. 173
CONTRACT NO. 60132				
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				

SCALE: AS SHOWN SHEET NO. OF SHEETS STA. 425+00 TO STA. 440+00

PLAN	SURVEYED	DATE
	PLOTTED	
NOTE BOOK NO.	ALIGNED	
	CHECKED	
	FILE NAME	

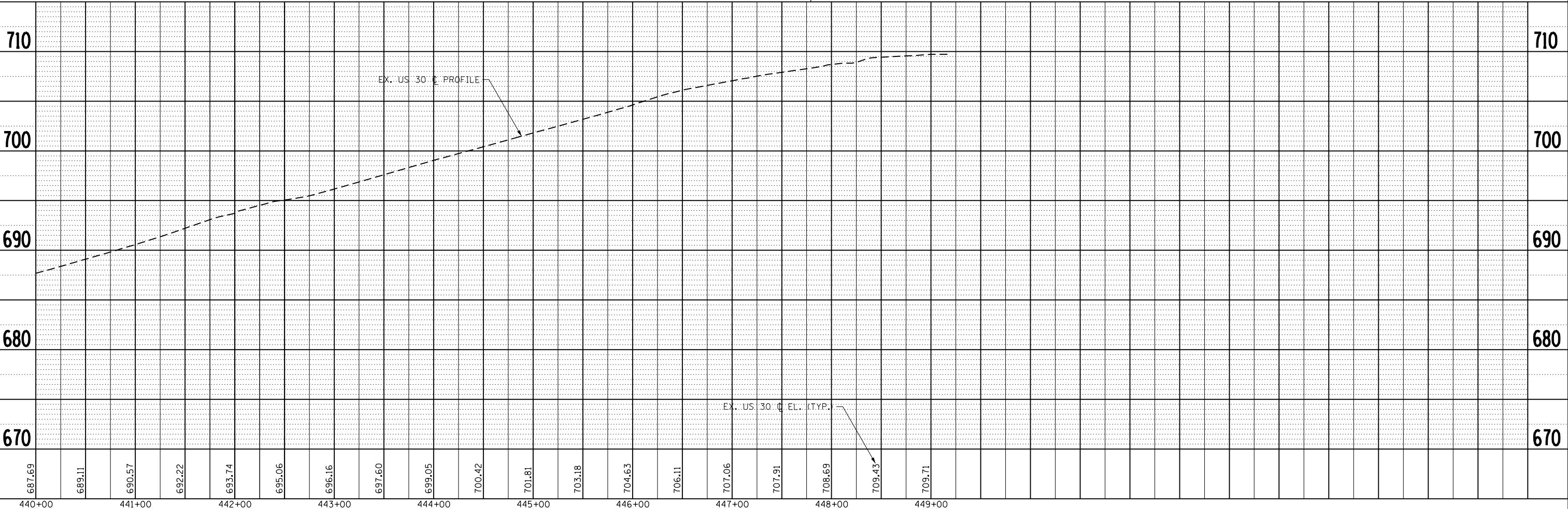
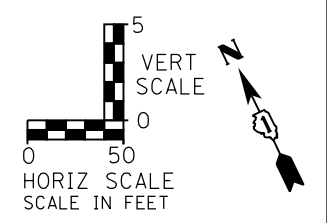
PROFILE	SURVEYED	DATE
	PLOTTED	
NOTE BOOK NO.	GRADES CHECKED	
	STRUCTURE	
	NOT AT THIS OFFICE	

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- NOTES:**
- ☆ INDICATES TO ADJUST THE EXISTING INLET STRUCTURES TO ORIGINAL RIM ELEVATIONS AND REPLACE TYPE 1 FRAME AND LID USED DURING CONSTRUCTION.
 - EXISTING STORM SEWER ON THE SOUTH SIDE OF US ROUTE 30 IS SHOWN IN THE PROFILE.
 - TEMPORARY ADJUSTMENTS TO STRUCTURES ARE SHOWN ON THE M.O.T. PLANS.

NOTES:
1. SEE MOT PRE-STAGE PLAN FOR TEMPORARY DRAINAGE ITEMS.



STRAND ENGINEERS
1170 SOUTH HOUBOLT ROAD
JOLIET, ILLINOIS 60431
(815) 744-4200

USER NAME = amanda.j	DESIGNED - RES/NJO	REVISIONS
	CHECKED - MKS	REVIS
	DRAWN - AJJ	REVIS
	CHECKED - SJN	REVIS

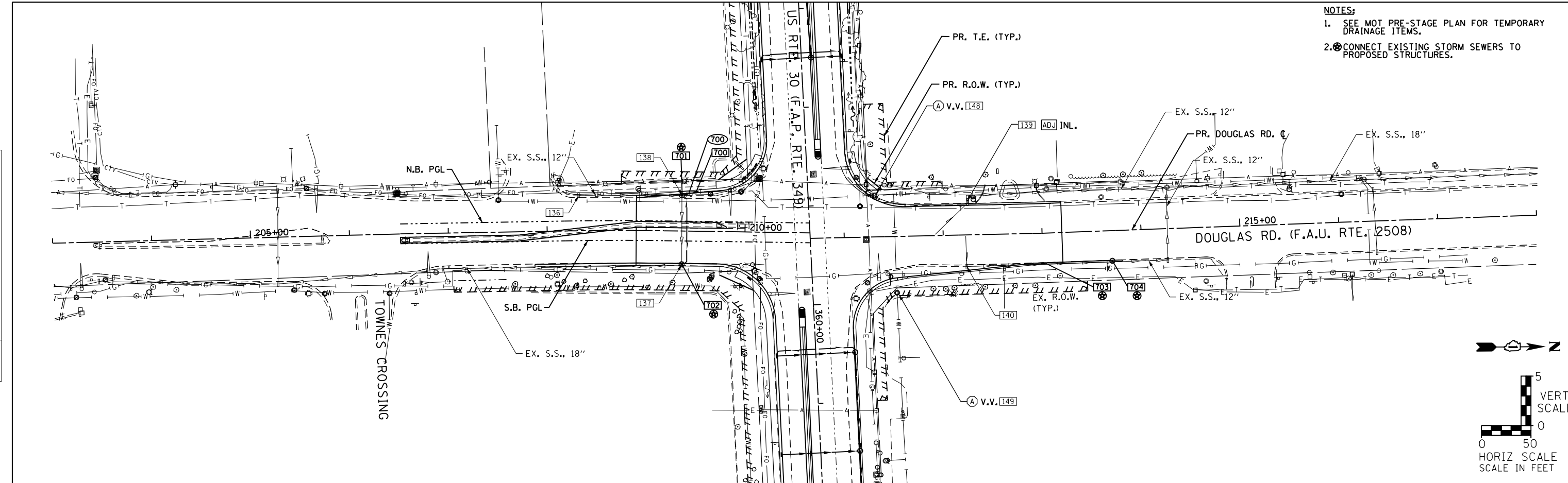
**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

US ROUTE 30 - DRAINAGE AND UTILITY PLAN AND PROFILE
SCALE: AS SHOWN SHEET NO. OF SHEETS STA. 425+00 TO STA. 449+58.31

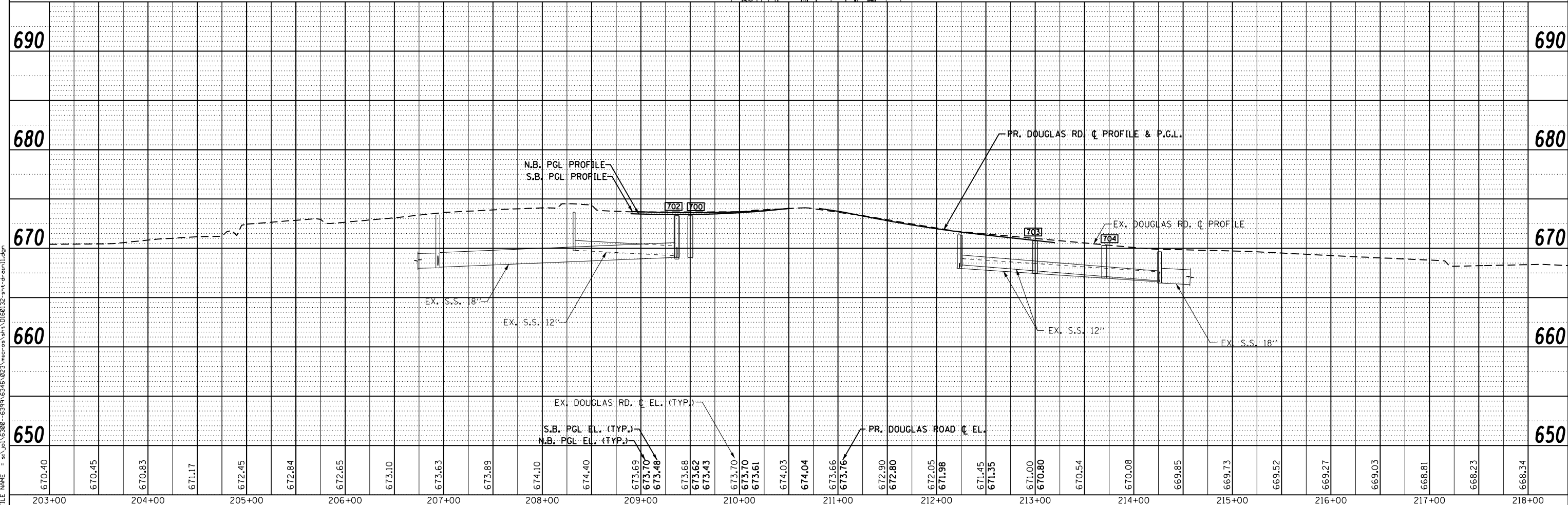
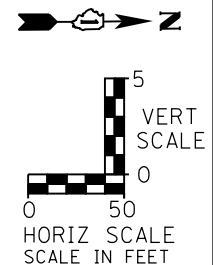
F.A.P. RTE. 349	SECTION 11 WRS-3	COUNTY KENDALL	TOTAL SHEETS 527	SHEET NO. 174
CONTRACT NO. 60132				
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				

PLAN	SURVEYED	DATE
	PLOTTED	
	ALIGNED	
	CHECKED	
	FILE NAME	
	NO.	

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



- NOTES:**
- SEE MOT PRE-STAGE PLAN FOR TEMPORARY DRAINAGE ITEMS.
 - CONNECT EXISTING STORM SEWERS TO PROPOSED STRUCTURES.



1170 SOUTH HOUBOLT ROAD
JOLIET, ILLINOIS 60431
(815) 744-4200

USER NAME = amandaj	DESIGNED - RES/NJO	REVISD -
PLOT SCALE = 100.0000' / 1\"/>		

CHECKED - MKS	REVISD -
DRAWN - AJJ	REVISD -
CHECKED - SJN	REVISD -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

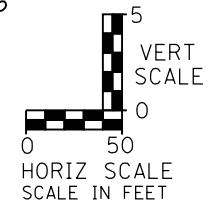
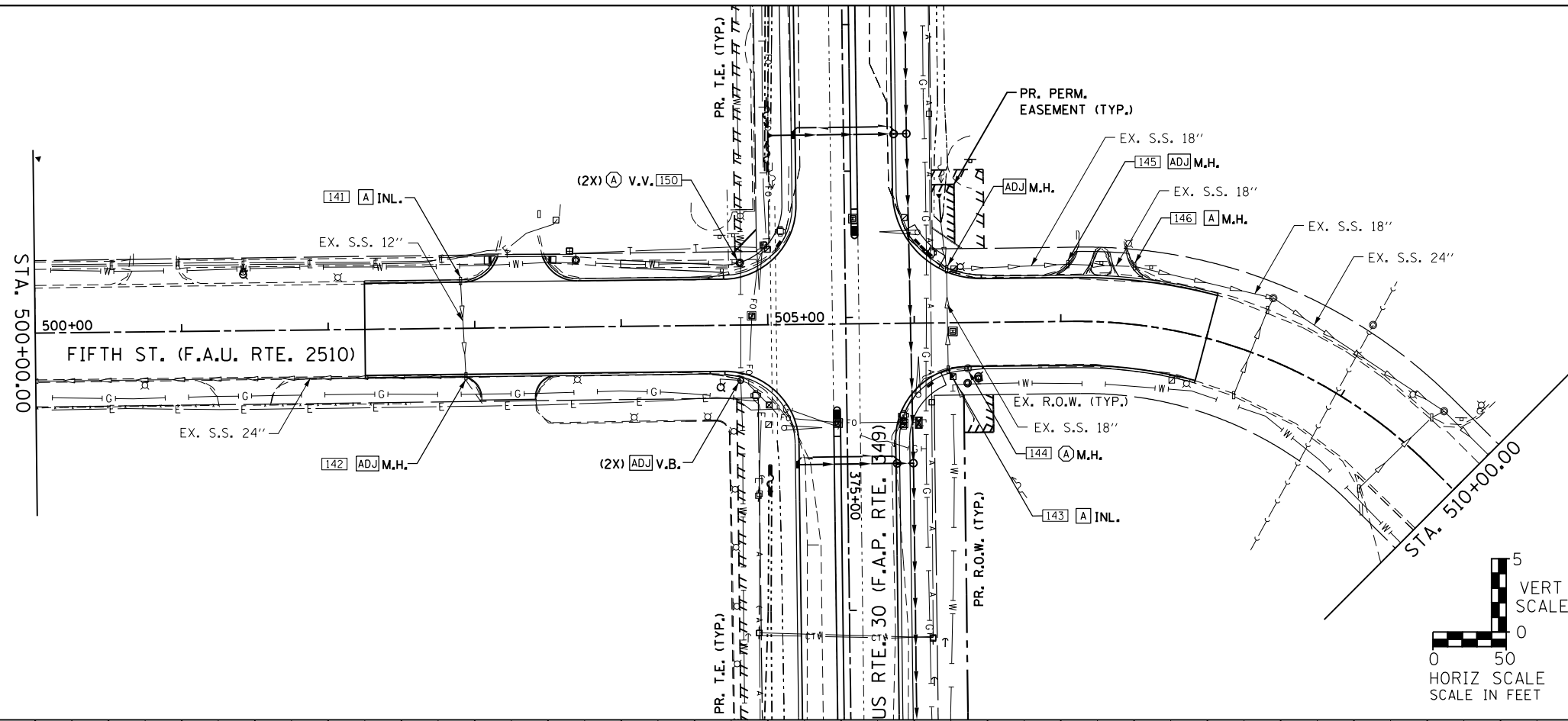
DOUGLAS RD. - DRAINAGE AND UTILITY PLAN AND PROFILE

SCALE: AS SHOWN SHEET NO. OF SHEETS STA. 203+00 TO STA. 218+00

F.A.P. RTE. 349	SECTION 11 WRS-3	COUNTY KENDALL	TOTAL SHEETS 527	SHEET NO. 175
CONTRACT NO. 60132				
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				

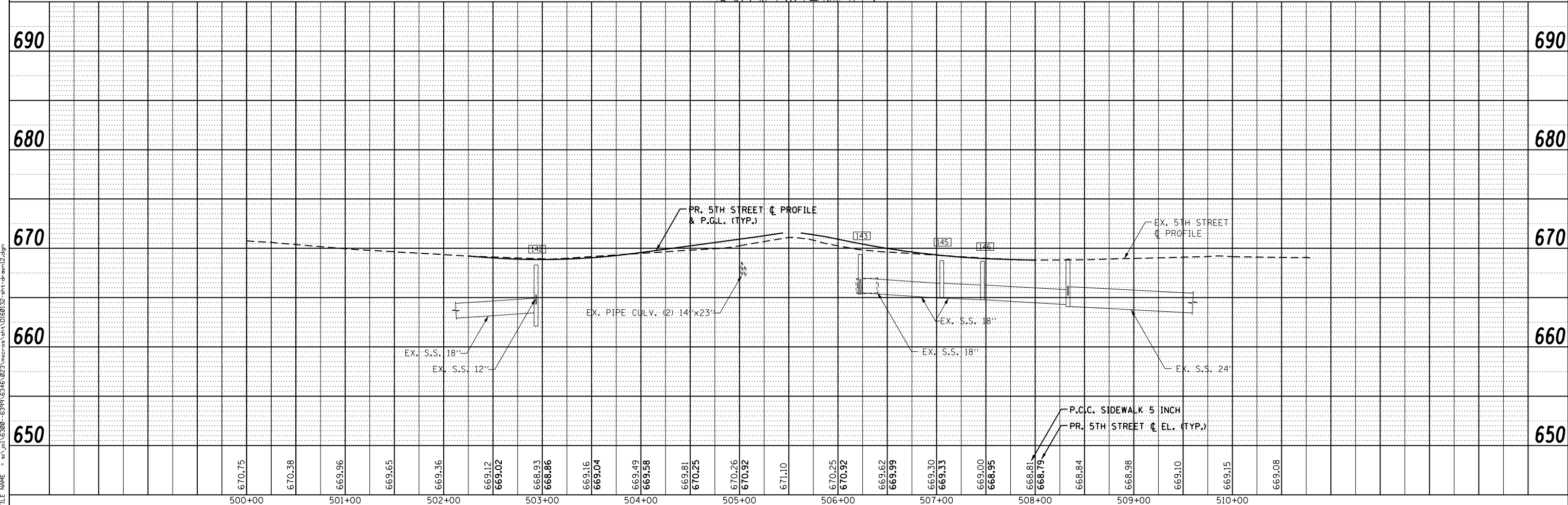
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NOTES:
 1. SEE MOT PRE-STAGE PLAN FOR TEMPORARY DRAINAGE ITEMS.



PLAN	SURVEYED	DATE
	PLOTTED	
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	FILED	
	NO.	
	BY	

PROFILE	SURVEYED	DATE
	PLOTTED	
	GRADES	
	CHECKED	
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FILE NAME = s:\proj\6300-6399\6346\023\micro\shh\0160132-shh-draw12.dwg

STRAND ASSOCIATES, INC.
 1170 SOUTH HOUBOLT ROAD
 JOLIET, ILLINOIS 60431
 (815) 744-4200

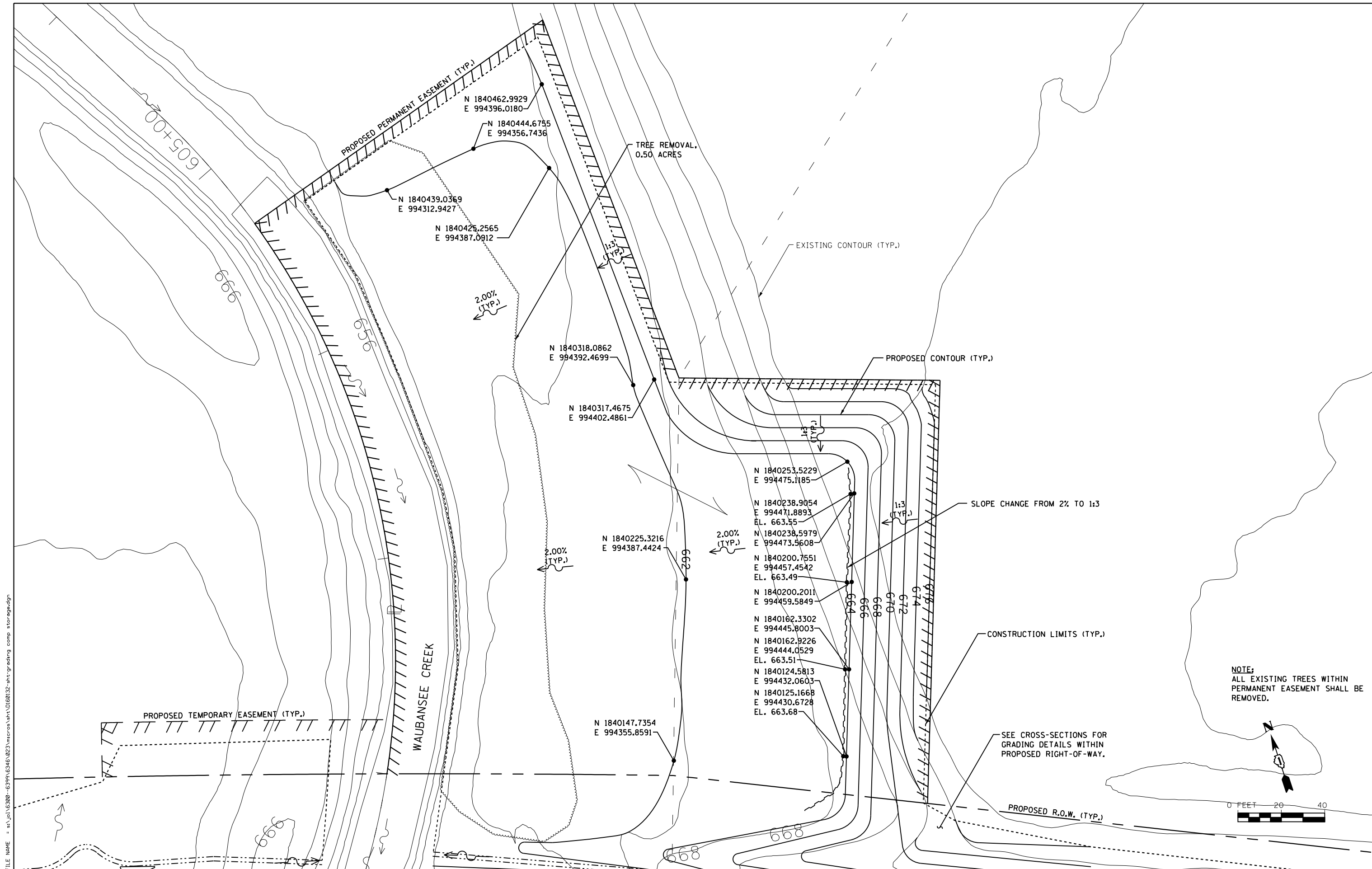
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PLOT SCALE = 100.0000' / 1"	CHECKED - MKS	REVISED -
PLOT DATE = 5/11/2012	DRAWN - AJJ	REVISED -
	CHECKED - SJN	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

5TH ST. - DRAINAGE AND UTILITY PLAN AND PROFILE
 SCALE: AS SHOWN SHEET NO. OF SHEETS STA. 500+00 TO STA. 510+00

F.A.P. RTE. 349	SECTION 11 WRS-3	COUNTY KENDALL	TOTAL SHEETS 527	SHEET NO. 176
CONTRACT NO. 60132				
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				

FILE NAME = s:\p1\6300--6395\6346\023\micro\sh1\018132-sh1-grading_comp_storage.dgn



NOTE:
ALL EXISTING TREES WITHIN
PERMANENT EASEMENT SHALL BE
REMOVED.

STRAND
ENGINEERS

1170 SOUTH HOUBOLT ROAD
JOLIET, ILLINOIS 60431
(815) 744-4200

USER NAME = amanda.j	DESIGNED -	REVISED -
PLOT SCALE = 40.0000' / in.	DRAWN -	REVISED -
PLOT DATE = 4/26/2012	CHECKED -	REVISED -
	DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

COMPENSATORY STORAGE GRADING PLAN

SCALE: AS SHOWN SHEET NO. 1 OF 1 SHEETS STA. TO STA.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
349	11 WRS-3	KENDALL	527	177
CONTRACT NO. 60132				
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				

VILLAGE OF MONTGOMERY GENERAL NOTES AND CONSTRUCTION SPECIFICATIONS

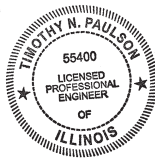
- THE "STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION" ADOPTED JAN. 1, 2012, THE MOST RECENT EDITION OF THE "STANDARD SPECIFICATIONS FOR WATER AND SEWER MAIN CONSTRUCTION IN ILLINOIS", AND REVISIONS THERETO, THESE IMPROVEMENT PLANS AND DETAILS, SPECIAL PROVISIONS AND CODES AND ORDINANCES OF THE VILLAGE OF MONTGOMERY, ILLINOIS SHALL GOVERN APPLICABLE PORTIONS OF THIS PROJECT.
- THE CONTRACTOR SHALL OBTAIN, ERECT, MAINTAIN AND REMOVE ALL SIGNS, BARRICADES, FLAGMEN AND OTHER CONTROL DEVICES AS MAY BE NECESSARY FOR THE PURPOSE OF REGULATING, WARNING OR GUIDING TRAFFIC. PLACEMENT AND MAINTENANCE OF ALL TRAFFIC CONTROL DEVICES SHALL BE IN ACCORDANCE WITH THE APPLICABLE PARTS OF ARTICLE 107.14 OF THE STANDARD SPECIFICATIONS, THE "STANDARD SPECIFICATIONS FOR TRAFFIC CONTROL ITEMS".
- LOCATION OF UTILITIES SHOWN ON PLANS ARE APPROXIMATE ONLY, AND ARE NOT NECESSARILY COMPLETE. CONTRACTOR SHALL MAKE HIS OWN INVESTIGATIONS AS TO LOCATION OF ALL EXISTING UNDERGROUND STRUCTURES, CABLES, UTILITIES AND PIPE LINES.
- IF EXISTING UTILITY LINES OF ANY NATURE ARE ENCOUNTERED WHICH CONFLICT IN LOCATION WITH NEW CONSTRUCTION, THE CONTRACTOR SHALL NOTIFY THE ENGINEER AND VILLAGE SO THAT THE CONFLICT MAY BE RESOLVED.
- THE CONTRACTOR SHALL NOTIFY J.U.L.I.E. (1-800-892-0123) AT LEAST TEN DAYS PRIOR TO CONSTRUCTION SO REQUIRED PROTECTION OF ALL ROADWAYS, STRUCTURES, POLES, CABLES AND PIPE LINES, BEFORE CONSTRUCTION THAT EACH UTILITY COMPANY CAN STAKE OUT ANY UNDERGROUND IMPROVEMENTS THAT THEY MAY HAVE WHICH MIGHT INTERFERE WITH THE PROPOSED CONSTRUCTION.
- THE CONTRACTOR SHALL BE REQUIRED TO MAKE ARRANGEMENTS FOR THE PROPER BRACING, SHORING AND OTHER REQUIRED PROTECTION OF ALL ROADWAYS, STRUCTURES, POLES, CABLES AND PIPE LINES, BEFORE CONSTRUCTION BEGINS. HE SHALL BE RESPONSIBLE FOR ANY DAMAGE TO THE STREETS OR ROADWAYS AND ASSOCIATED STRUCTURES AND SHALL MAKE REPAIRS AS NECESSARY TO THE SATISFACTION OF THE ENGINEER AND VILLAGE AT HIS OWN EXPENSE.
- THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE PROTECTION OF ALL PRIVATE AND PUBLIC UTILITIES EVEN THOUGH THEY MAY NOT BE SHOWN ON THE PLANS. ANY UTILITY THAT IS DAMAGED DURING CONSTRUCTION SHALL BE REPAIRED OR REPLACED TO THE SATISFACTION OF THE ENGINEER AND VILLAGE BY THE CONTRACTOR AT HIS OWN EXPENSE.
- THE CONTRACTOR SHALL EXAMINE THE PLANS AND SPECIFICATIONS, VISIT THE SITE OF THE WORK AND INFORM HIMSELF/HERSELF FULLY WITH THE WORK INVOLVED, GENERAL AND LOCAL CONDITIONS, ALL FEDERAL, STATE AND LOCAL LAWS, ORDINANCES, RULES AND REGULATIONS AND ALL OTHER PERTINENT ITEMS WHICH MAY AFFECT THE COST AND TIME OF COMPLETION OF THIS PROJECT BEFORE SUBMITTING A PROPOSAL.
- ALL WORK AND MATERIALS SHALL BE IN ACCORDANCE WITH CODE REQUIREMENTS.
- PRIOR TO SUBMITTING HIS BID, THE CONTRACTOR SHALL CALL THE ATTENTION OF THE ENGINEER TO ANY MATERIAL OR EQUIPMENT HE DEEMS INADEQUATE AND TO ANY ITEM OF WORK OMITTED.
- THE UNDERGROUND CONTRACTOR SHALL BE RESPONSIBLE TO PLACE ON GRADE AND COORDINATE WITH OTHER CONTRACTORS ALL UNDERGROUND STRUCTURE FRAMES SUCH AS CATCH BASINS, INLETS, MANHOLES, HYDRANTS, BUFFALO BOXES, VALVES, ETC. NO ADDITIONAL COMPENSATION SHALL BE PAID AND SAID ADJUSTMENTS SHALL BE CONSIDERED INCIDENTAL TO OTHER ITEMS OF CONSTRUCTION.
- THE CONTRACTOR SHALL RESTORE ANY AREA DISTURBED TO A CONDITION EQUAL TO OR BETTER THAN ITS ORIGINAL USE. THIS SHALL INCLUDE FINISH GRADING, ESTABLISHMENT OF A VEGETATIVE COVER (SEEDING OR SOD), GENERAL CLEANUP AND PAVEMENT REPLACEMENT.
- THE CONTRACTOR SHALL BE RESPONSIBLE FOR PROVIDING SAFE AND HEALTHFUL WORKING CONDITIONS THROUGHOUT THE CONSTRUCTION OF THE PROPOSED IMPROVEMENTS.
- THE CONTRACTOR SHALL INFORM THE VILLAGE ENGINEER BEFORE WORK COMMENCES ON EACH CATEGORY OF CONSTRUCTION, I.E. WATER MAIN AND SANITARY SEWER. A TWENTY-FOUR (24) HOUR NOTICE SHALL BE GIVEN FOR ANY ITEM THAT REQUIRES FINAL TESTING AND INSPECTION SUCH AS WATER MAINS OR SANITARY SEWERS.
- ALL LOT IRONS DAMAGED OR REMOVED DURING CONSTRUCTION OF THIS PROJECT SHALL BE REPLACED BY THE ENGINEER AND SAID COST OF REPLACEMENT SHALL BE PAID BY THE CONTRACTOR.
- BEFORE ACCEPTANCE BY THE VILLAGE AND FINAL PAYMENT, ALL WORK SHALL BE INSPECTED AND APPROVED BY IDOT AND THE VILLAGE ENGINEER. FINAL PAYMENT SHALL BE MADE AFTER ALL OF THE CONTRACTOR'S WORK HAS BEEN APPROVED AND ACCEPTED.
- THE CONTRACTOR WILL HAVE IN HIS POSSESSION ON THE JOB SITE A COPY OF THE PLANS AND SPECIFICATIONS DURING CONSTRUCTION.
- IF ANY APPROVED EQUIP ITEMS ARE REQUIRED, THE CONTRACTOR SHALL CONTACT THE ENGINEER FOR APPROVAL.
- ANY DRAIN AND/OR FIELD TILE ENCOUNTERED BY THE CONTRACTOR DURING THE INSTALLATION OF THE IMPROVEMENTS SHALL BE RETURNED TO ORIGINAL CONDITION. THIS WORK TO BE CONSIDERED INCIDENTAL TO THE CONTRACT.
- ALL ROAD SIGNS, STREET SIGNS AND TRAFFIC SIGNS WHICH NEED TO BE RELOCATED OR MOVED DUE TO CONSTRUCTION SHALL BE TAKEN DOWN AND STORED BY THE CONTRACTOR AT HIS OWN EXPENSE, EXCEPT THOSE WHICH ARE NECESSARY FOR PROPER TRAFFIC CONTROL WHICH SHALL BE TEMPORARILY RESET UNTIL COMPLETION OF CONSTRUCTION OPERATIONS. AFTER COMPLETION OF THE WORK, THE CONTRACTOR SHALL RESET, AT HIS EXPENSE, ALL SAID SIGNS.
- THE CONTRACTOR SHALL DISPOSE OF ALL EXCESS EXCAVATION, UNSUITABLE AND UNUSABLE MATERIALS OFFSITE AND AT AN APPROVED LOCATION IN A MANNER THAT PUBLIC OR PRIVATE PROPERTY WILL NOT BE DAMAGED OR ENDANGERED. THIS WORK IS CONSIDERED AS INCIDENTAL TO THE COST OF THE PROJECT.
- NO EXCAVATIONS WILL BE PERMITTED TO REMAIN OPEN OVER ANY WEEKEND.
- "BAND-SEAL" OR SIMILAR COUPLINGS SHALL BE USED WHEN JOINING SEWER PIPES OF DISSIMILAR MATERIALS.
- AS-BUILT DRAWINGS SHALL BE PREPARED BY THE CONTRACTOR AND SUBMITTED TO THE ENGINEER AS SOON AS THE SITE IMPROVEMENTS ARE COMPLETED. ANY CHANGE IN LENGTH, LOCATION OR ALIGNMENT SHALL BE SHOWN IN RED.
- THE CONTRACTOR IS RESPONSIBLE FOR COORDINATING ANY REQUIRED INSPECTIONS WITH THE VILLAGE OF MONTGOMERY.
- SPECIAL ATTENTION IS DRAWN TO THE FACT THAT ARTICLE 105.06 OF THE STANDARD SPECIFICATIONS REQUIRES THE CONTRACTOR TO HAVE A COMPETENT SUPERINTENDENT ON THE PROJECT SITE AT ALL TIMES, IRRESPECTIVE OF THE AMOUNT OF WORK SUBLET. THE SUPERINTENDENT SHALL BE CAPABLE OF READING AND UNDERSTANDING THE PLANS AND SPECIFICATIONS, SHALL HAVE FULL AUTHORITY TO EXECUTE ORDERS TO EXPEDITE THE PROJECT. SHALL BE RESPONSIBLE FOR SCHEDULING AND HAVE CONTROL OF ALL WORK AS THE AGENT OF THE CONTRACTOR. FAILURE TO COMPLY WITH THIS PROVISION WILL RESULT IN A SUSPENSION OF WORK AS PROVIDED IN ARTICLE 108.07.
- THE ENGINEER AND VILLAGE ARE NOT RESPONSIBLE FOR THE CONSTRUCTION MEANS, METHODS, TECHNIQUES, SEQUENCES OR PROCEDURES, TIME OF PERFORMANCE, PROGRAMS OR FOR ANY SAFETY PRECAUTIONS USED BY THE CONTRACTOR. THE CONTRACTOR IS SOLELY RESPONSIBLE FOR EXECUTION OF HIS WORK IN ACCORDANCE WITH THE CONTRACT DOCUMENTS AND SPECIFICATIONS.
- IF GROUNDWATER IS ENCOUNTERED, THE DEWATERING SHALL BE CONSIDERED INCIDENTAL WHEN NECESSARY. PRIOR TO COMMENCING ANY DEWATERING, THE CONTRACTOR SHALL SUBMIT FOR APPROVAL A DEWATERING PLAN INDICATING WELL POINT LOCATIONS, PUMP SIZES AND CAPACITIES AND ALL DISCHARGE POINTS.
- CONTRACTOR WILL BE REQUIRED TO COORDINATE ALL ONSITE ACTIVITIES WITH THE VILLAGE, THE ENGINEER AND THE SITE SUPERINTENDENT FOR THE ONGOING BUILDING CONSTRUCTION. COOPERATION AND PHASING AS NECESSARY TO FACILITATE AND MAINTAIN THE BUILDING CONSTRUCTION SHALL BE EXPECTED OF THE CONTRACTOR AWARDED WITH THIS CONTRACT.

ENGINEER'S CERTIFICATION

I HEREBY CERTIFY THAT THESE PLANS WERE PREPARED UNDER MY DIRECT SUPERVISION.

DATED AT SUGAR GROVE, ILLINOIS,
THIS 26th DAY OF April, 2012

Timothy N. Paulson



TIMOTHY N. PAULSON, P.E.
ILLINOIS LICENSED PROFESSIONAL ENGINEER NO. 062-055400
EXPIRATION DATE: 11/30/13

VILLAGE OF MONTGOMERY WATER MAIN CONSTRUCTION

- ALL WATER MAIN CONSTRUCTION SHALL BE IN ACCORDANCE WITH THE "STANDARD SPECIFICATIONS FOR WATER AND SEWER MAIN CONSTRUCTION IN ILLINOIS", SIXTH EDITION, DATED JULY 2009, AND REVISIONS THERETO, THE NOTES ON THE PLANS, AND IN ACCORDANCE WITH CODES AND ORDINANCES OF THE VILLAGE OF MONTGOMERY, ILLINOIS.
- ALL WATER MAIN SHALL BE DUCTILE IRON PIPE CLASS 52 WITH EITHER MECHANICAL OR PUSH-ON JOINTS AND SHALL CONFORM TO ANSI A21.51-96, AWWA C151 AND ANSI A21.11-00, AWWA C111. PIPE SHALL BE MANUFACTURED IN THE UNITED STATES.
- ALL FITTINGS SHALL BE COMPACT DUCTILE IRON AND SHALL CONFORM TO AWWA/ANSI C153/A21.53.00. FITTINGS SHALL BE U.L. LISTED CLASS 350 TYLER GRIFFIN OR APPROVED EQUAL. FITTINGS SHALL BE MANUFACTURED IN THE UNITED STATES.
- ALL PIPE AND FITTINGS SHALL BE CEMENT LINED IN ACCORDANCE WITH AWW/ANSI C104/A21.4-95.
- ALL FITTINGS SHALL BE MECHANICAL JOINT AND INSTALLED WITH RETAINER GLANDS UNLESS OTHERWISE SHOWN ON THE DRAWINGS.
- ALL MECHANICAL JOINT FITTINGS, VALVES, AND HYDRANTS SHALL BE RESTRAINED WITH RETAINER GLANDS. RETAINER GLANDS SHALL BE EBA8 IRON SERIES 1100 MEGALUG, UNI-FLANGE SERIES 1400, STARGRIP SERIES 3000, OR SIGMA ONE LOK SLD.
- ALL WATER MAIN SHALL BE WRAPPED WITH POLYETHYLENE IN ACCORDANCE WITH AWWA/ANSI C105/A21.5-99.
- LONG RADIUS CURVES, EITHER HORIZONTAL OR VERTICAL, MAY BE LAID WITH STANDARD PIPE BY DEFLECTIONS AT THE JOINTS. MAXIMUM DEFLECTIONS AT PIPE JOINTS AND LAYING RADIUS FOR THE VARIOUS PIPE LENGTHS SHALL BE IN ACCORDANCE WITH AWWA C600-99. WHEN RUBBER GASKETED PIPE IS LAID ON A CURVE, THE PIPE SHALL BE JOINTED IN A STRAIGHT ALIGNMENT AND THEN DEFLECTED TO THE CURVED ALIGNMENT. TRENCHES SHALL BE MADE WIDER ON CURVES FOR THIS PURPOSE.
- ALL VALVES SHALL BE GATE VALVES AND SHALL HAVE A NON-RISING STEM, A STANDARD OPERATING NUT, AND OPEN IN A COUNTER-CLOCKWISE DIRECTION. GATE VALVES SHALL BE CLOW, MUELLER, OR WATEROUS RESILIENT WEDGE GATE VALVE IN ACCORDANCE WITH AWWA C509-94. GATE VALVES SHALL BE IN VALVE VAULTS. ALL GATE VALVES SHALL BE CONSISTENT THROUGHOUT A DEVELOPMENT. NO BUTTERFLY VALVES ARE ALLOWED.
- ALL VALVE BOXES SHALL BE CAST IRON, TWO (2) PIECE 5 1/2" SHAFTS. ALL VALVE BOXES SHALL EITHER BE TRENCH ADAPTER MODEL 6 BY AMERICAN FLOW CONTROL OR SCREW TYPE TYLER MODEL 666-S AND ATTACHED TO THE HYDRANT BARREL WITH GRIP ARMS AS MANUFACTURED BY BLR OR APPROVED EQUAL LIDS TO BE MARKED "WATER" (VALVE BOX EXTENSIONS IF REQUIRED ARE CONSIDERED INCIDENTAL).
- ALL HYDRANTS SHALL BE IN ACCORDANCE WITH AWWA C502-94 AND SHALL BE WATEROUS PACER MODEL #B8-67, CLOW F-2545 (MEDIALLION), OR MUELLER A-423MJ CENTURION (BREAK AWAY FROM TRAFFIC DESIGN) WITH ONE (1) 4 1/2" STEAMER NOZZLE AND TWO (2) 2 1/2" HOSE OUTLETS, OF WHICH THE THREADS CONFORM WITH THE STANDARDS OF THE VILLAGE OF MONTGOMERY, ILLINOIS. ALL HYDRANTS SHALL HAVE AN AUXILIARY GATE VALVE. ALL HYDRANTS SHALL BE ONE MODEL THROUGHOUT A DEVELOPMENT.
- SLEEVES SHALL BE ROCKWELL D.I. COUPLING TYPE 441 OR EQUAL. SLEEVES SHALL BE PROVIDED AT LOCATIONS SHOWN ON THE PLANS OR AS REQUIRED.
- ALL TEES, BENDS, FIRE HYDRANTS, PLUGS, AND VALVES SHALL BE ADEQUATELY SUPPORTED WITH A CONCRETE BASE AND SUPPORTED LATERALLY WITH POURED IN PLACE THRUST BLOCKING AGAINST UNDISTURBED EARTH.
- ALL WATER MAINS SHALL HAVE A MINIMUM DEPTH OF COVER OF 5.5'.
- ALL PRESSURE TAPS TO AN EXISTING VILLAGE MAIN SHALL BE MADE WITH A MUELLER MECHANICAL JOINT TAPPING SLEEVE NO. H-615 AND MUELLER RESILIENT TAPPING VALVE (M J X FL) NO. T-2360-16 OR AMERICAN FLOW CONTROL SERIES 2800 TAPPING SLEEVE AND AMERICAN FLOW CONTROL SERIES 2500 RESILIENT TAPPING VALVE (M J X FL) AND SHALL BE CONSTRUCTED IN A VALVE VAULT.
- THE CONTRACTOR SHALL OBTAIN, ERECT, MAINTAIN, AND REMOVE ALL SIGNS, BARRICADES, FLAGMEN, AND OTHER CONTROL DEVICES AS MAY BE NECESSARY FOR THE PURPOSE OF REGULATING, WARNING, OR GUIDING TRAFFIC. PLACEMENT AND MAINTENANCE OF ALL TRAFFIC CONTROL DEVICES SHALL BE IN ACCORDANCE WITH THE APPLICABLE PARTS OF ARTICLE 107.14 OF THE STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION AND TRAFFIC CONTROL DEVICES FOR STREETS AND HIGHWAYS. CONTRACTOR SHALL FURNISH A TRAFFIC CONTROL PLAN FOR IDOT OR VILLAGE APPROVAL IF REQUIRED.
- ALL WORK AND MATERIALS SHALL BE IN ACCORDANCE WITH CODE REQUIREMENTS.
- THE CONTRACTOR SHALL RESTORE ANY AREA DISTURBED TO A CONDITION EQUAL TO OR BETTER THAN ITS ORIGINAL USE. THIS SHALL INCLUDE FINISH GRADING, ESTABLISHMENT OF A VEGETATIVE COVER (SEEDING OR SOD), GENERAL CLEANUP, AND PAVEMENT REPLACEMENT.
- ALL TRENCHES CAUSED BY THE CONSTRUCTION OF SEWERS, WATER MAINS, WATER SERVICE PIPES, AND THE EXCAVATION AROUND CATCH BASINS, MANHOLES, INLETS, AND OTHER APPURTENANCES WHICH OCCUR WITHIN THE LIMITS OF EXISTING OR PROPOSED PAVEMENTS, SIDEWALKS, AND CURB AND GUTTERS OR WHERE THE EDGE OF THE TRENCH SHALL BE WITHIN 2' OF SAID IMPROVEMENTS SHALL BE BACKFILLED WITH CA-6 CRUSHED LIMESTONE (DOT CERTIFIED) AND MECHANICALLY COMPACTED IN 6"-12" LIFTS DEPENDING ON COMPACTION EQUIPMENT USED.
- THE CONTRACTOR SHALL BE RESPONSIBLE FOR PROVIDING SAFE AND HEALTHFUL WORKING CONDITIONS THROUGHOUT THE CONSTRUCTION OF THE PROPOSED IMPROVEMENTS.
- BEFORE ACCEPTANCE BY THE VILLAGE ALL WORK SHALL BE INSPECTED AND APPROVED BY THE VILLAGE OR ITS REPRESENTATIVES.
- EASEMENTS FOR THE EXISTING UTILITIES, BOTH PUBLIC AND PRIVATE, AND UTILITIES WITHIN PUBLIC RIGHTS-OF-WAY ARE SHOWN ON THE PLANS ACCORDING TO AVAILABLE RECORDS. THE CONTRACTOR SHALL BE RESPONSIBLE FOR DETERMINING THE EXACT LOCATION IN THE FIELD OF THESE UTILITY LINES AND THEIR PROTECTION FROM DAMAGE DUE TO CONSTRUCTION OPERATIONS. IF EXISTING UTILITY LINES OF ANY NATURE ARE ENCOUNTERED WHICH CONFLICT IN LOCATION WITH NEW CONSTRUCTION, THE CONTRACTOR SHALL NOTIFY THE ENGINEER SO THAT THE CONFLICT MAY BE RESOLVED.
- WATER MAINS AND WATER SERVICE LINES SHALL BE PROTECTED FROM SANITARY SEWERS, STORM SEWERS, COMBINED SEWERS, HOUSE SEWER SERVICE CONNECTIONS, AND DRAINS IN ACCORDANCE WITH TITLE 35, ENVIRONMENTAL PROTECTION AGENCY, SUBTITLE F, PUBLIC WATER SUPPLIES, CHAPTER II, ENVIRONMENTAL PROTECTION AGENCY, PARTS 651-654 TECHNICAL POLICY STATEMENTS, SECTION 653.119.
- WHENEVER POSSIBLE, A WATER MAIN MUST BE LAID AT LEAST 10' HORIZONTALLY FROM ANY EXISTING OR PROPOSED DRAIN OR SEWER LINE. SHOULD LOCAL CONDITIONS EXIST WHICH WOULD PREVENT A LATERAL SEPARATION OF 10', A WATER MAIN MAY BE LAID CLOSER THAN 10' TO A STORM OR SANITARY SEWER PROVIDED THAT THE WATER MAIN INVERT IS AT LEAST 18" ABOVE THE CROWN OF THE SEWER, AND IS EITHER IN A SEPARATE TRENCH OR IN THE SAME TRENCH ON AN UNDISTURBED EARTH SHELF LOCATED TO ONE SIDE OF THE SEWER. IF IT IS IMPOSSIBLE TO OBTAIN PROPER HORIZONTAL OR VERTICAL SEPARATION AS DESCRIBED ABOVE, THEN THE SEWER MUST ALSO BE CONSTRUCTED OF WATER MAIN TYPE MATERIAL (DUCTILE IRON PIPE WITH SLIP-ON OR MECHANICAL JOINTS, PRESTRESSED REINFORCED CONCRETE PIPE WITH ASTM C-443 JOINTS, ETC.) AND PRESSURE TESTED TO THE MAXIMUM EXPECTED SURCHARGE HEAD TO ASSURE WATER TIGHTNESS BEFORE BACKFILLING.
- WHENEVER WATER MAINS MUST CROSS HOUSE SEWERS, STORM SEWERS, OR SANITARY SEWERS, THE WATER MAIN SHALL BE LAID AT SUCH AN ELEVATION THAT THE INVERT OF THE WATER MAIN IS 18" ABOVE THE CROWN OF THE DRAIN OR SEWER. THIS VERTICAL SEPARATION MUST BE MAINTAINED FOR THAT PORTION OF THE WATER MAIN LOCATED WITHIN 10' HORIZONTALLY OF ANY SEWER OR DRAIN CROSSED. THIS MUST BE MEASURED AS THE NORMAL DISTANCE FROM THE WATER MAIN TO THE DRAIN OR SEWER. IF IT IS IMPOSSIBLE TO OBTAIN THE PROPER VERTICAL SEPARATION AS

- DESCRIBED ABOVE OR IF IT IS NECESSARY FOR THE WATER MAIN TO PASS UNDER A SEWER OR DRAIN, THEN THE SEWER MUST BE CONSTRUCTED OF WATER MAIN TYPE MATERIAL (AS NOTED IN ITEM 23). THIS CONSTRUCTION MUST EXTEND ON EACH SIDE OF THE CROSSING UNTIL THE NORMAL DISTANCE FROM THE WATER MAIN TO THE SEWER OR DRAIN LINE IS AT LEAST 10'. IN MAKING SUCH CROSSINGS, CENTER A LENGTH OF WATER MAIN PIPE OVER/UNDER THE SEWER TO BE CROSSED SO THAT THE JOINTS WILL BE EQUIDISTANT FROM THE SEWER AND AS REMOTE THEREFROM AS POSSIBLE. WHERE A WATER MAIN MUST CROSS UNDER A SEWER, A VERTICAL SEPARATION OF 18" BETWEEN THE INVERT OF THE SEWER AND THE CROWN OF THE WATER MAIN SHALL BE MAINTAINED, ALONG WITH MEANS TO SUPPORT THE LARGER SIZED SEWER LINES TO PREVENT THEIR SETTLING AND BREAKING THE WATER MAIN.
- VALVE VAULTS SHALL BE ADJUSTED WITH PRECAST CONCRETE OR RUBBER ADJUSTING RINGS TO A MAXIMUM OF 8". NO MORE THAN TWO ADJUSTING RINGS ARE ALLOWED. ANY REQUIRED ADJUSTMENT GREATER THAN 12" WILL NECESSITATE THE ADDITION OF A BARREL SECTION.
 - HYDROSTATIC TESTS - THE CONTRACTOR SHALL PERFORM HYDROSTATIC TESTS IN ACCORDANCE WITH DIVISION IV, SECTION 41 OF THE STANDARD SPECIFICATIONS FOR WATER AND SEWER MAIN CONSTRUCTION IN ILLINOIS, LATEST EDITION, AND APPLICABLE PROVISIONS OF AWWA C600 AND C603. THE WATER MAINS SHALL BE PRESSURE TESTED AT 150 PSI. THE TEST PRESSURE SHALL NOT DROP MORE THAN 2 PSI FOR THE DURATION OF THE TEST. THE GAUGE SHALL BE OF GOOD QUALITY AND CONDITION, AND BE FLUID FILLED. THE GAUGE SHALL HAVE A LARGE ENOUGH RANGE FOR THE PRESSURE BEING TESTED AND SHALL BE CAPABLE OF READING A MINIMUM PRESSURE INCREMENT OF 1 PSI. ALLOWABLE LEAKAGE SHALL BE AS SET FORTH IN AWWA C600, LATEST EDITION. THE TESTING LENGTH SHALL BE LIMITED TO 1,000'. IF MORE THAN 1,000' OF WATERMAIN IS TESTED, THE ALLOWABLE LEAKAGE WILL BE BASED UPON 1,000'. THE DURATION OF THE TEST SHALL BE FOR 2 HOURS MINIMUM.
 - DISINFECTION OF THE WATER MAINS - UPON COMPLETION OF THE NEWLY LAID WATER MAINS, THE WATER MAINS SHALL BE DISINFECTED IN ACCORDANCE WITH THE AMERICAN WATER WORKS ASSOCIATION, PROCEDURE DESIGNATION, AWWA C651, LATEST EDITION. THE CONTRACTOR IS RESPONSIBLE FOR COLLECTING SAMPLES AND HAVING BACTERIOLOGICAL TESTING PERFORMED AS REQUIRED BY THE IEPA. THE CONTRACTOR SHALL FURNISH TO THE VILLAGE THE REQUIRED DOCUMENTATION, TEST RESULTS, ETC., REQUIRED BY THE IEPA FOR PLACING THE WATER MAINS OR SERVICE LINES IN SERVICE AND/OR SECURING AN OPERATING PERMIT.
 - WATER VALVES AND FIRE HYDRANTS SHALL ONLY BE OPERATED BY VILLAGE OF MONTGOMERY WATER DEPARTMENT PERSONNEL. PLEASE CONTACT THE MONTGOMERY WATER DEPARTMENT AT 630/896-9241.
 - IF THE CONTRACTOR PROPOSES TO USE AN EQUAL PRODUCT FOR ANY OF THE ITEMS CONTAINED IN THE VILLAGE OF MONTGOMERY WATERMAIN CONSTRUCTION NOTES OR DETAILS, THE CONTRACTOR SHALL PROVIDE DOCUMENTATION FROM THE MANUFACTURER THAT THE PROPOSED PRODUCT MEETS THE VILLAGE STANDARDS TO THE VILLAGE OF MONTGOMERY DIRECTOR OF PUBLIC WORKS. THE VILLAGE OF MONTGOMERY DIRECTOR OF PUBLIC WORKS SHALL APPROVE THE PROPOSED EQUAL PRODUCT PRIOR TO USE BY THE CONTRACTOR.

SOIL EROSION AND SEDIMENTATION CONTROL

THE CONTRACTOR SHALL PROVIDE SOIL EROSION AND SEDIMENTATION CONTROL IN ACCORDANCE WITH THE PROCEDURES AND STANDARDS FOR SOIL EROSION AND SEDIMENTATION CONTROL IN NORTHEASTERN ILLINOIS (REVISED JULY, 1988) PREPARED BY THE NORTHEASTERN ILLINOIS EROSION AND SEDIMENTATION CONTROL STEERING COMMITTEE AND THE ILLINOIS URBAN MANUAL PUBLISHED BY THE UNITED STATES DEPARTMENT OF AGRICULTURE - NATURAL RESOURCE CONSERVATION SERVICE FOR THE ILLINOIS ENVIRONMENTAL PROTECTION AGENCY (LATEST EDITION) AND IN ACCORDANCE WITH THE PLANS.

- SOIL STABILIZATION
- TOPSOIL AND VEGETATIVE COVER - STRIP TOPSOIL AND REMOVE EXISTING VEGETATION. STOCKPILE ON-SITE (FOR REUSE) AT LOCATION DESIGNATED.
 - TEMPORARY SEEDING - TEMPORARY SEEDING SHALL BE PROVIDED WITHIN 15 DAYS TO ANY DISTURBED AREAS THAT ARE SCHEDULED TO REMAIN DENuded FOR LONGER THAN 60 DAYS.
 - PERMANENT SEEDING - IMMEDIATELY FOLLOWING FINISH GRADING AND TOPSOIL PLACEMENT INSTALL SEEDING OR SOD IN AREAS AS DESIGNATED ON PLANS.
 - SLOPE PROTECTION - PROTECT SEEDING ON STEEP SLOPES WITH MULCH, EXCLESIOR BLANKET, OR EQUAL.

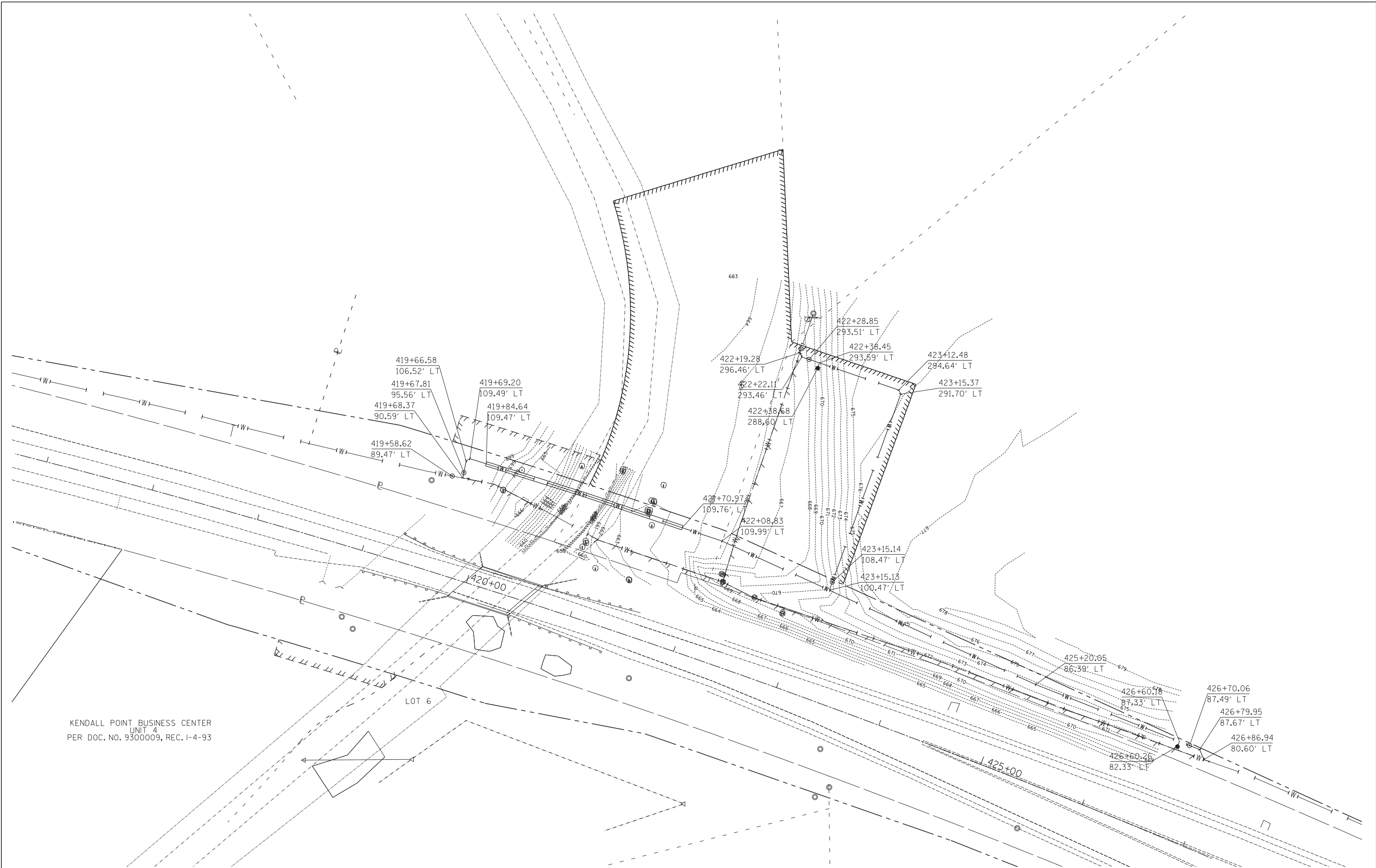
- SEDIMENT CONTROL
- ADJACENT PROPERTY - PROTECT ADJACENT PROPERTY FROM SEDIMENT DEPOSITION BY PRESERVING A VEGETATED BUFFER STRIP OR BY SEDIMENT BARRIERS OR FILTERS AT THE LOWER PERIMETER OF THE LOT.
 - SEDIMENTATION CONTROL SHALL BE PROVIDED IN ALL AREAS AROUND THE PERIMETER OF ALL STOCKPILE AREAS.
 - STORM SEWER INLET PROTECTION - DURING CONSTRUCTION FILTER SEDIMENT LADEN WATER THROUGH STRAW BALES AND FILTER FABRIC BEFORE IT ENTERS NEWLY CONSTRUCTED STORM SEWER.
 - STRAW BALES SHALL BE INSTALLED AS DITCH CHECKS AND STAKED IN PLACE AT 250 LINEAL FEET MAXIMUM SPACING IN ALL SWALES.
 - CONSTRUCTION ACCESS - CONSTRUCTION TRAFFIC SHALL ENTER AND LEAVE SITE AT A DESIGNATED ACCESS. PROVISIONS SHALL BE MADE TO MINIMIZE THE TRANSPORT OF SEDIMENT (MUD) BY RUNOFF OR VEHICLE TRACKING ONTO STATE HIGHWAYS OR LOCAL STREETS. IF NECESSARY, STATE HIGHWAYS OR LOCAL STREETS SHALL BE CLEANED DAILY AT THE END OF EACH WORK DAY OR AS REQUIRED TO KEEP MUD AND/OR OTHER DEBRIS OFF OF ANY HIGHWAY OR STREET.
 - REMOVAL OF CONTROL MEASURES - DISPOSE OF ALL TEMPORARY EROSION AND SEDIMENT CONTROL MEASURES WITHIN 30 DAYS AFTER FINAL SITE STABILIZATION IS ACHIEVED.
- AWWA C651-99 SECTION 4.7. DISINFECTION PROCEDURES WHEN CUTTING INTO OR REPAIRING EXISTING MAINS

THE FOLLOWING PROCEDURES APPLY PRIMARILY WHEN MAINS ARE WHOLLY OR PARTIALLY DEWATERED. AFTER THE APPROPRIATE PROCEDURES HAVE BEEN COMPLETED, THE MAIN MAY BE RETURNED TO SERVICE PRIOR TO COMPLETION OF BACTERIOLOGICAL TESTING IN ORDER TO MINIMIZE THE TIME CUSTOMERS ARE OUT OF WATER. LEAKS OR BREAKS THAT ARE REPAIRED WITH CLAMPING DEVICES WHILE THE MAINS REMAIN FULL OF PRESSURIZED WATER PRESENT LITTLE DANGER OF CONTAMINATION AND REQUIRE NO DISINFECTION.

- TRENCH TREATMENT
WHEN AN EXISTING MAIN IS OPENED, EITHER BY ACCIDENT OR BY DESIGN, THE EXCAVATION WILL LIKELY BE WET AND MAY BE BADLY CONTAMINATED FROM NEARBY SEWERS. LIBERAL QUANTITIES OF HYPOCHLORITE APPLIED TO OPEN TRENCH AREAS WILL LESSEN THE DANGER FROM SUCH POLLUTION. TABLETS HAVE THE ADVANTAGE IN SUCH A SITUATION BECAUSE THEY DISSOLVE SLOWLY AND CONTINUE TO RELEASE HYPOCHLORITE AS WATER IS PUMPED FROM THE EXCAVATION.
- SWABBING WITH HYPOCHLORITE SOLUTION
THE INTERIORS OF ALL PIPE AND FITTINGS (PARTICULARLY COUPLINGS AND SLEEVES) USED IN MAKING THE REPAIR SHALL BE SWABBED OR SPRAYED WITH A 1% HYPOCHLORITE SOLUTION BEFORE THEY ARE INSTALLED.
- FLUSHING
THOROUGH FLUSHING IS THE MOST PRACTICAL MEANS OF REMOVING CONTAMINATION INTRODUCED DURING REPAIRS. IF VALVE AND HYDRANT LOCATIONS PERMIT, FLUSHING TOWARD THE WORK LOCATION FROM BOTH DIRECTIONS IS RECOMMENDED. FLUSHING SHALL BE STARTED AS SOON AS THE REPAIRS ARE COMPLETED AND SHALL BE CONTINUED UNTIL DISCOLORED WATER IS ELIMINATED.
- SLUG CHLORINATION
WHERE PRACTICAL, IN ADDITION TO THE PROCEDURES PREVIOUSLY DESCRIBED, A SECTION OF MAIN IN WHICH THE BREAK IS LOCATED SHALL BE ISOLATED, ALL SERVICE CONNECTIONS SHUT OFF, AND THE SECTION FLUSHED AND CHLORINATED AS DESCRIBED IN SEC. 4.4.4. THE DOSE MAY BE INCREASED TO AS MUCH AS 300 MG/L AND THE CT REDUCED TO AS LITTLE AS 15 MIN. AFTER CHLORINATION, FLUSHING SHALL BE RESUMED AND CONTINUED UNTIL DISCOLORED WATER IS ELIMINATED AND THE CHLORINE CONCENTRATION IN THE WATER EXITING THE MAIN IS NO HIGHER THAN THE PREVAILING WATER IN THE DISTRIBUTION SYSTEM OR THAT WHICH IS ACCEPTABLE FOR DOMESTIC USE.
- BACTERIOLOGICAL SAMPLES
BACTERIOLOGICAL SAMPLES SHALL BE TAKEN AFTER REPAIRS ARE COMPLETED TO PROVIDE A RECORD FOR DETERMINING THE PROCEDURE'S EFFECTIVENESS. IF THE DIRECTION OF FLOW IS UNKNOWN, SAMPLES SHALL BE TAKEN ON EACH SIDE OF THE MAIN BREAK. IF POSITIVE BACTERIOLOGICAL SAMPLES ARE RECORDED, THEN THE SITUATION SHALL BE EVALUATED BY THE PURCHASER WHO CAN DETERMINE CORRECTIVE ACTION. DAILY SAMPLING SHALL BE CONTINUED UNTIL TWO CONSECUTIVE NEGATIVE SAMPLES ARE RECORDED.

SUMMARY OF QUANTITIES

ITEM NO.	ITEM	UNIT	QUANTITY
28000400	PERIMETER EROSION BARRIER	FOOT	50
56100900	WATER MAIN, 12"	FOOT	300
56101000	WATER MAIN, 16"	FOOT	756
56105200	WATER VALVES, 12"	FOOT	2
56105300	WATER VALVES, 16"	FOOT	3
56400600	FIRE HYDRANTS	EACH	2
56400500	FIRE HYDRANTS TO BE REMOVED	EACH	2
X0326160	POROUS GRANULAR EMBANKMENT, SUBGRADE (SPECIAL)	CUBIC YARD	100
X2080250	TRENCH BACKFILL, SPECIAL	CUBIC YARD	20
X6510712	WATER MAIN REMOVAL, 12"	FOOT	225
X5610716	WATER MAIN REMOVAL, 16"	FOOT	665
X6026622	VALVE VAULTS TO BE REMOVED	EACH	2
Z0068200	STEEL CASINGS, 30"	FOOT	188
XX000836	PRESSURE TESTING AND DISINFECTION	LUMP SUM	1
XX004731	CONNECTION TO EXISTING WATER MAIN DRAIN TILE REPAIR	EACH	2
		FOOT	20



KENDALL POINT BUSINESS CENTER
UNIT 4
PER DOC. NO. 9300009, REC. I-4-93

FILE NAME =	USER NAME = kpfung	DESIGNED - TNP	REVISED -
H:\SDSKProj\M01120\dgn\Eng\Final Eng\M01120-General.dgn	120-General.dgn	DRAWN - KKP	REVISED -
	PLOT SCALE = 40.0000' / IN.	CHECKED - TAW	REVISED -
	PLOT DATE = 4/26/2012	DATE - 4/26/12	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

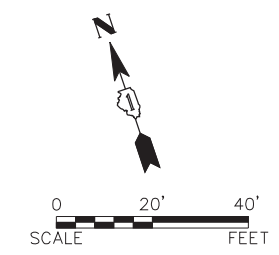
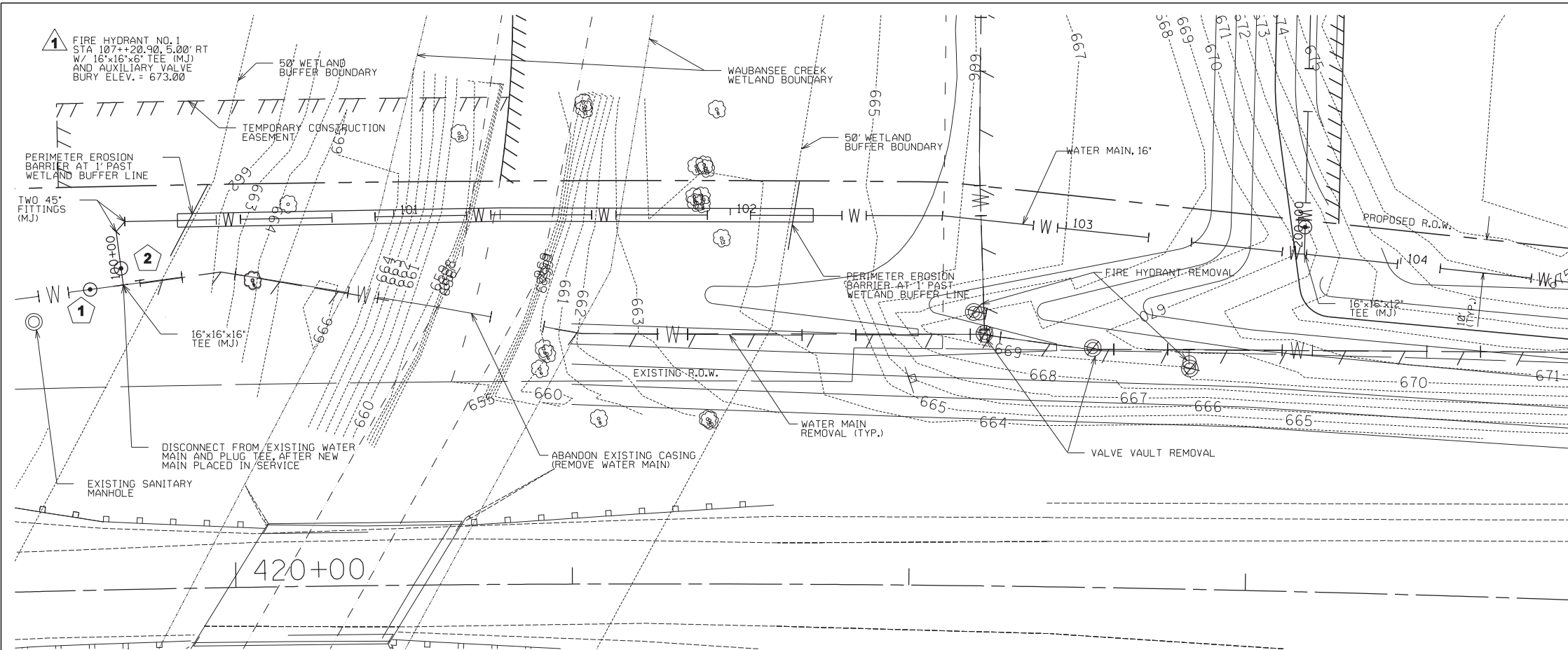
ROADWAY ALIGNMENT TIES

SCALE: 1"=40' SHEET NO. 1 OF 1 SHEETS STA. N/A TO STA. N/A

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
349	11 WRS-3	KENDALL	527	179
CONTRACT NO. 30132				
ILLINOIS FED. AID PROJECT				

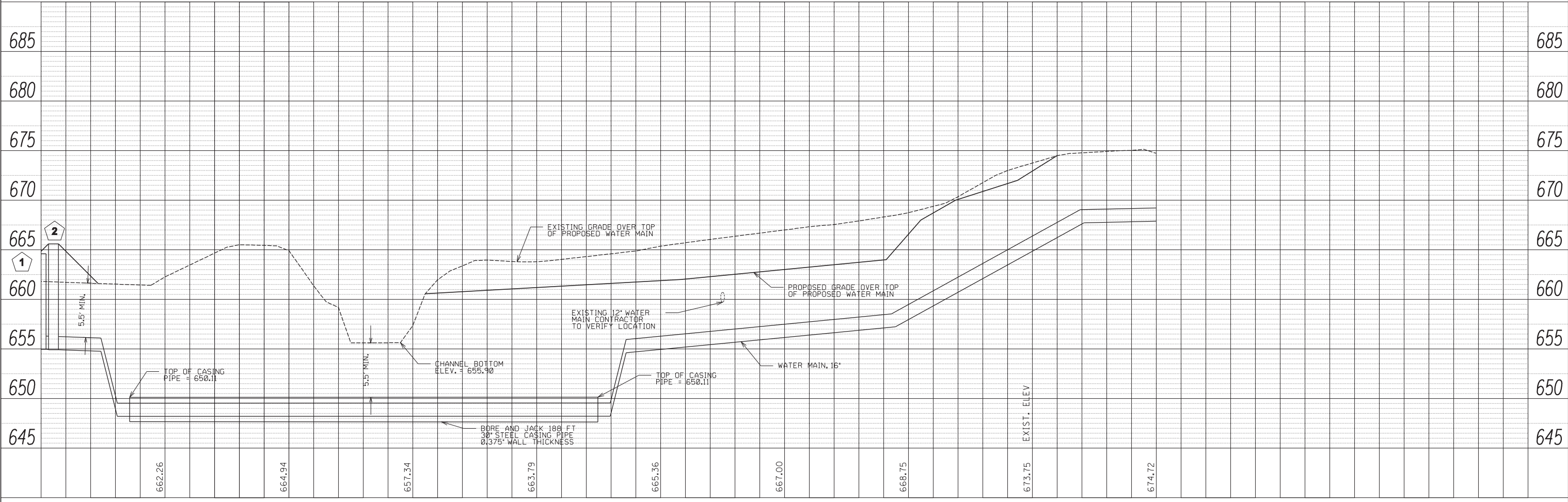
PLAN	SURVEYED	BY	DATE
	NOTED		
	CHECKED		
	AT		
	FILE NAME		
	NO.		

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



- 1** VALVE VAULT NO. 1
STA 100+00, 10.00' LT
(ROADWAY STA 419+58.62)
16" GATE VALVE
IN 60" VAULT
RIM = 664.60
- 2** VALVE VAULT NO. 2
STA 100+05
(ROADWAY STA 419+67.70)
16" GATE VALVE
IN 60" VAULT
RIM = 665.6

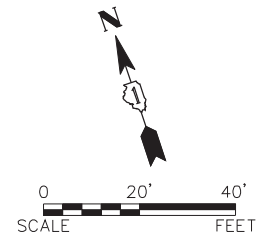
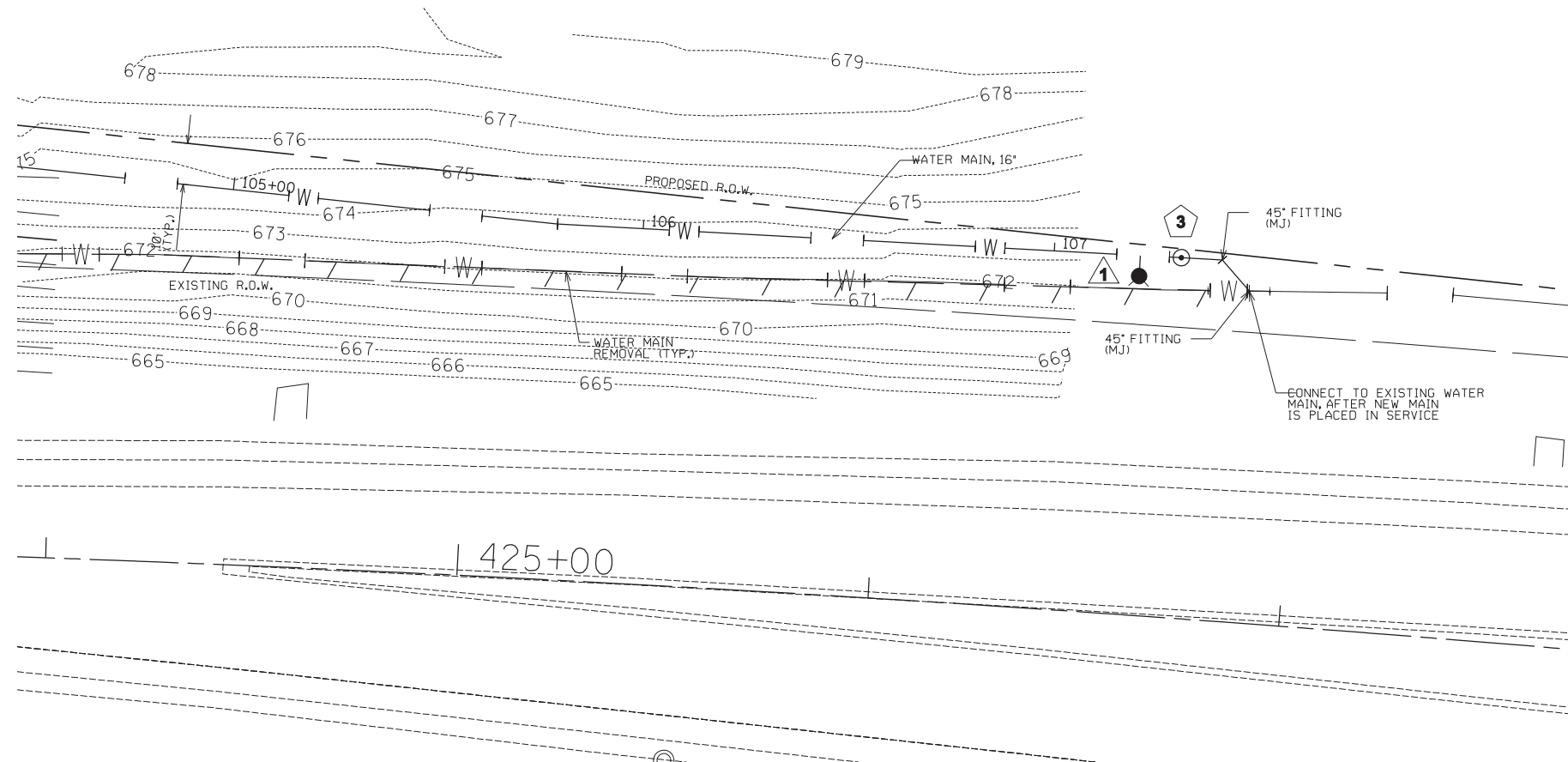
- CONSTRUCTION SEQUENCE**
1. TEMPORARY SHUT DOWN OF EXISTING 16" WATER MAIN SECTION. USE EMERGENCY SHUT DOWN PROCEDURES.
 2. CUT EXISTING MAIN AND INSTALL VV #1, WATER MAIN TO 16"x16"x16" TEE, AND VV #2. RECONNECT TO EXISTING WATER MAIN.
 3. WITH VV #2 REMAINING CLOSED OPEN EXISTING WATER MAIN AT VV #1.
 4. CONSTRUCT NEW WATER MAIN, PRESSURE TEST, AND DISINFECT NEW WATER MAIN.
 5. AFTER VILLAGE OBTAINS OPERATING PERMIT, DISCONNECT FROM EXISTING WATER MAIN AT THE 16"x16"x16" TEE, CAPPING TEE WITH MJ FITTING AND THRUST BLOCKING.
 6. CONNECT TO EXISTING WATER MAIN AT VV #3 USING 45" FITTING (MJ) AND THRUST BLOCKING.
 7. REMOVE EXISTING WATER MAIN.



FILE NAME = H:\SDSKP\Proj\M01120\dgn\Dgn_Final_Eng\M01120-PP.dgn	USER NAME = kpung	DESIGNED - TNP	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	PROPOSED WATER MAIN PLAN AND PROFILE	F.A.P. RTE. = 349	SECTION = 11 WRS-3	COUNTY = KENDALL	TOTAL SHEETS = 527	SHEET NO. = 180	
PLOT SCALE = 20.0000' / IN.	CHECKED - TAW	REVISIED -	SCALE: 1" = 20'			SHEET NO. 1 OF 3 SHEETS	STA. 100+00 TO STA. 104+50	CONTRACT NO. 60132		FED. ROAD DIST. NO. 1	ILLINOIS FED. AID PROJECT
PLOT DATE = 4/26/2012	DATE = 4/26/12	REVISIED -									

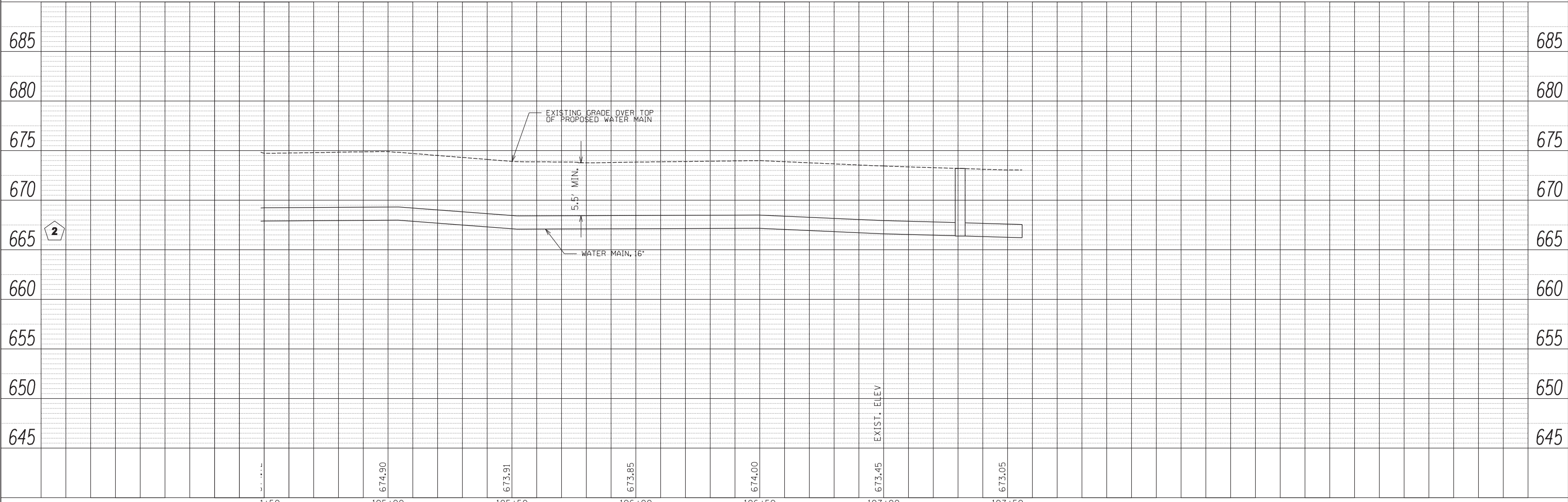
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	PLOTTED	
	CHECKED	
	BY	
	NO. BOOK	
	NO.	

PROFILE	SURVEYED	DATE
	PLOTTED	
	CHECKED	
	BY	
	NO. BOOK	
	NO.	



- 3** VALVE VAULT NO. 3
STA 107+30.90
(ROADWAY STA 426+70.06)
16" GATE VALVE
IN 60" VAULT
RIM = 673.75
- 1** FIRE HYDRANT NO. 1
STA 107+20.90, 5.00' RT
W/ 16"x16"x16" TEE (MJ)
AND AUXILIARY VALVE
BURY ELEV. = 673.00

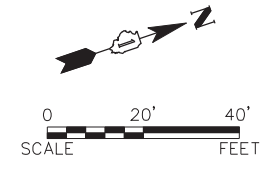
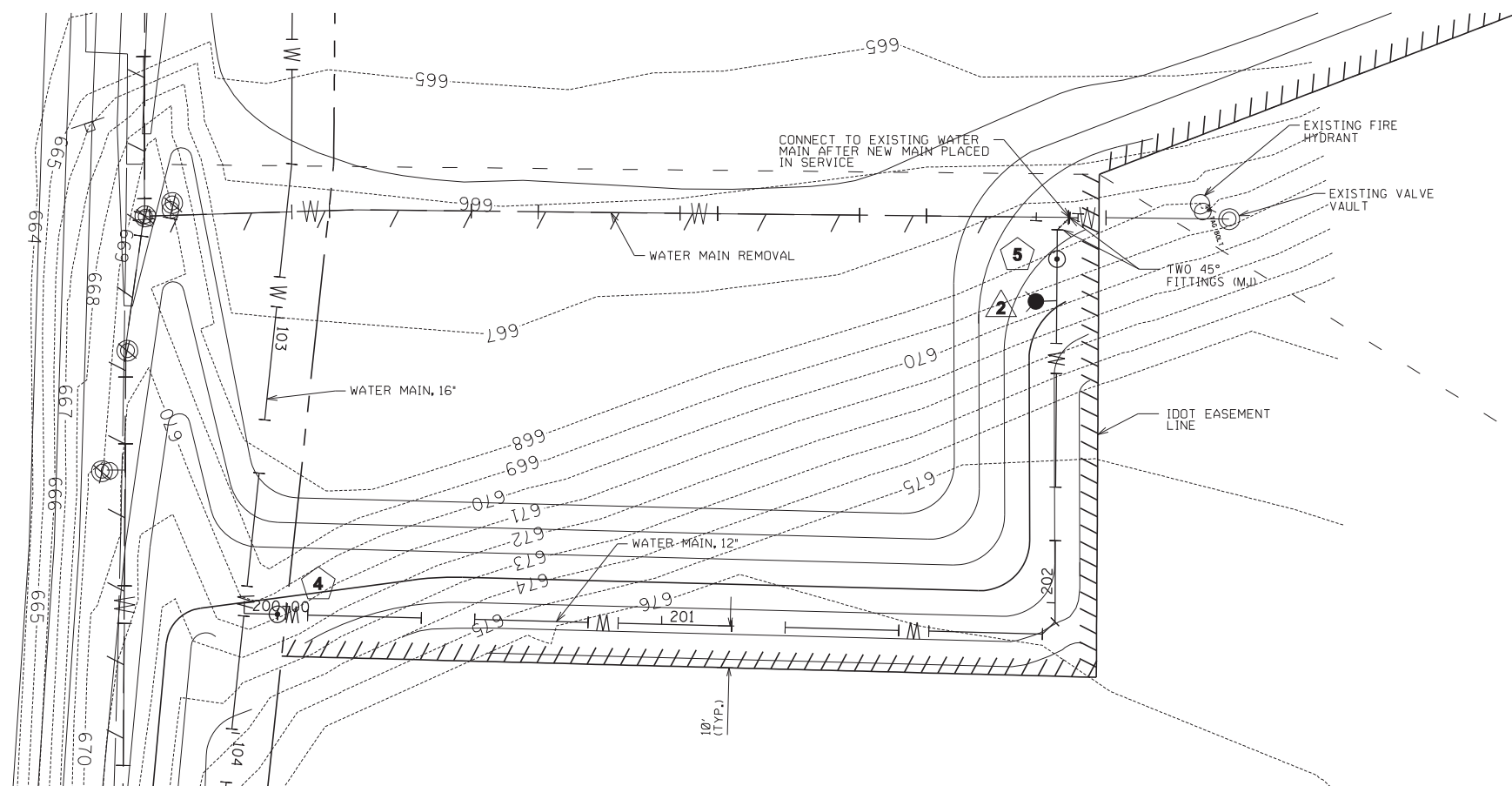
- CONSTRUCTION SEQUENCE**
1. TEMPORARY SHUT DOWN OF EXISTING 16" WATER MAIN SECTION. USE EMERGENCY SHUT DOWN PROCEDURES.
 2. CUT EXISTING MAIN AND INSTALL VV #1, WATER MAIN TO 16"x16"x16" TEE, AND VV #2. RECONNECT TO EXISTING WATER MAIN.
 3. WITH VV #2 REMAINING CLOSED OPEN EXISTING WATER MAIN AT VV #1.
 4. CONSTRUCT NEW WATER MAIN, PRESSURE TEST, AND DISINFECT NEW WATER MAIN.
 5. AFTER VILLAGE OBTAINS OPERATING PERMIT, DISCONNECT FROM EXISTING WATER MAIN AT THE 16"x16"x16" TEE, CAPPING TEE WITH MJ FITTING AND THRUST BLOCKING.
 6. CONNECT TO EXISTING WATER MAIN AT VV #3 USING 45° FITTING (MJ) AND THRUST BLOCKING.
 7. REMOVE EXISTING WATER MAIN.



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PLOT SCALE = 20.0000' / IN.	CHECKED - TAW	REVISD -	SCALE: 1" = 20'			SHEET NO. 2 OF 3 SHEETS	STA. 104+50 TO STA. 107+55.89	CONTRACT NO. 60132				
PLOT DATE = 4/26/2012	DATE = 4/26/12	REVISD -	FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT									

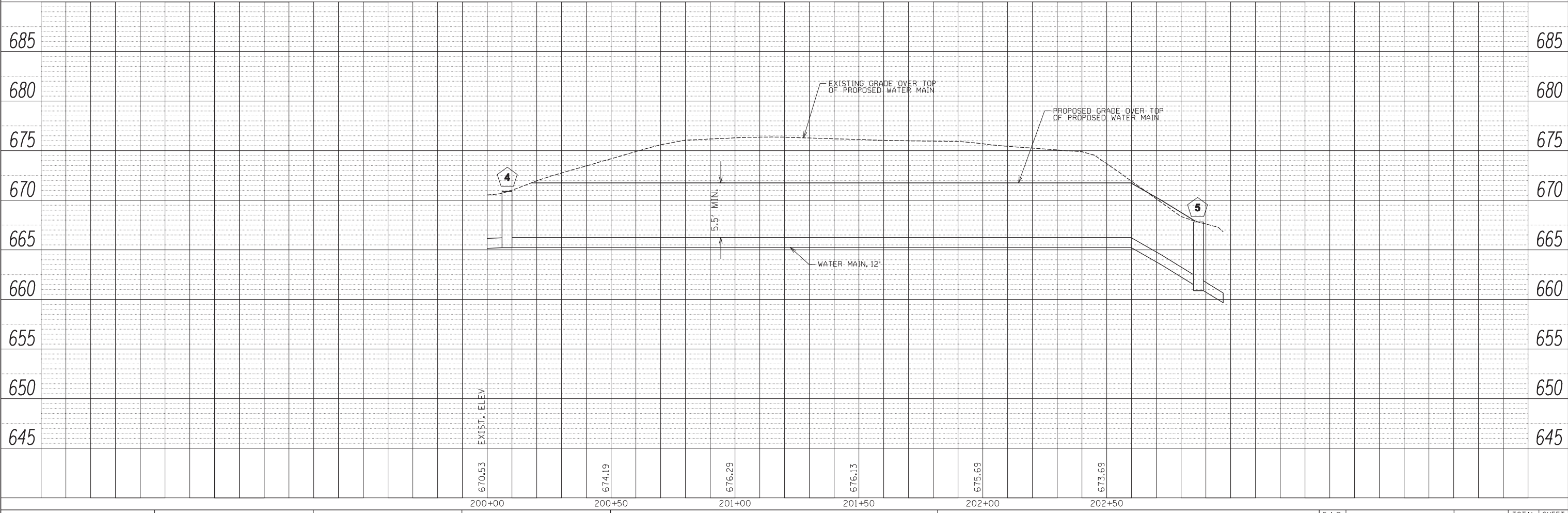
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	PLOTTED		
	CHECKED		
	AT/OWN		
	NO.		
	CADD FILE NAME		

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

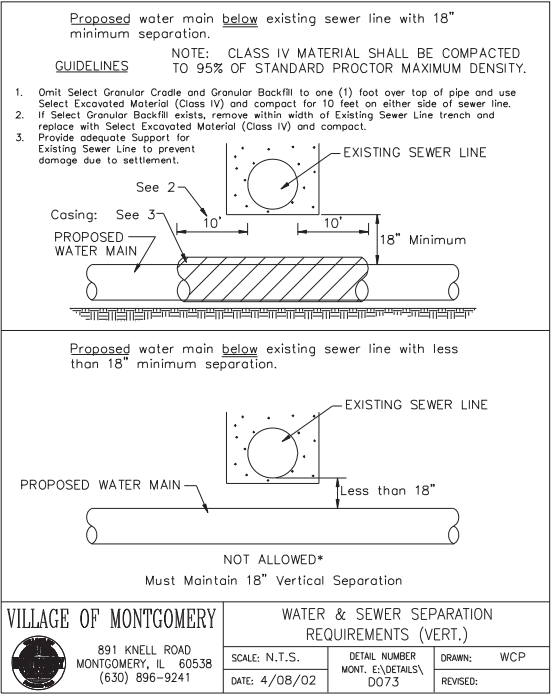
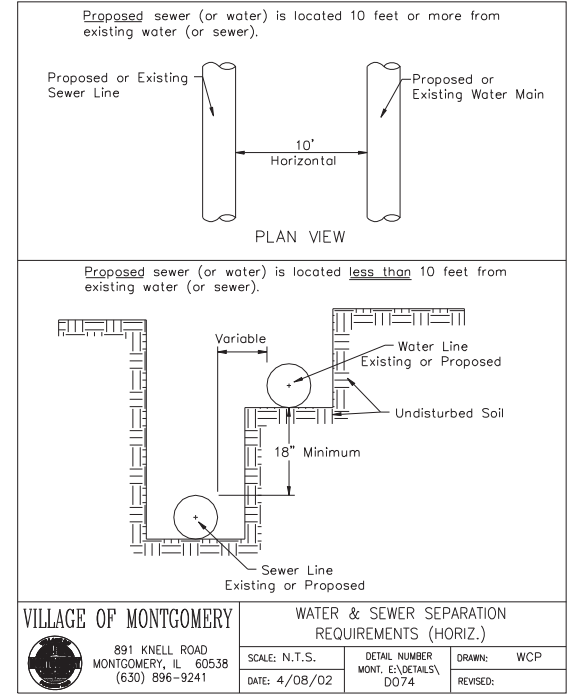
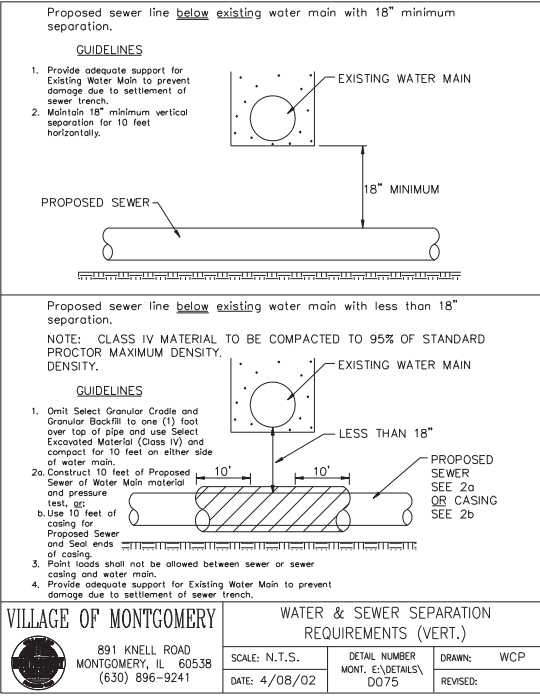
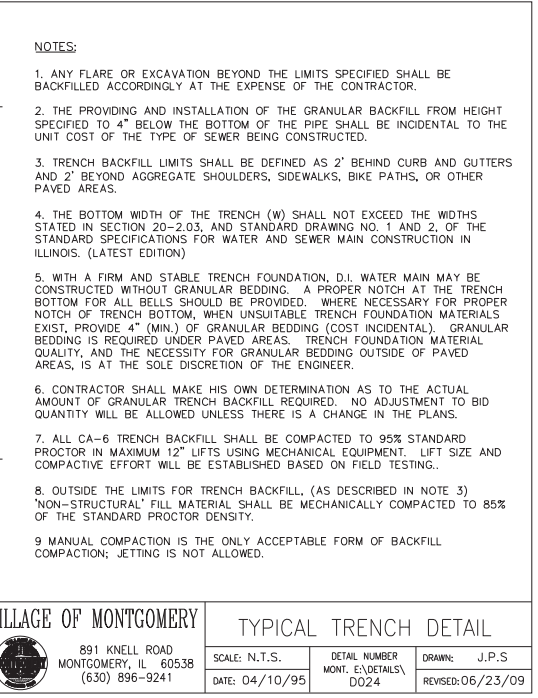
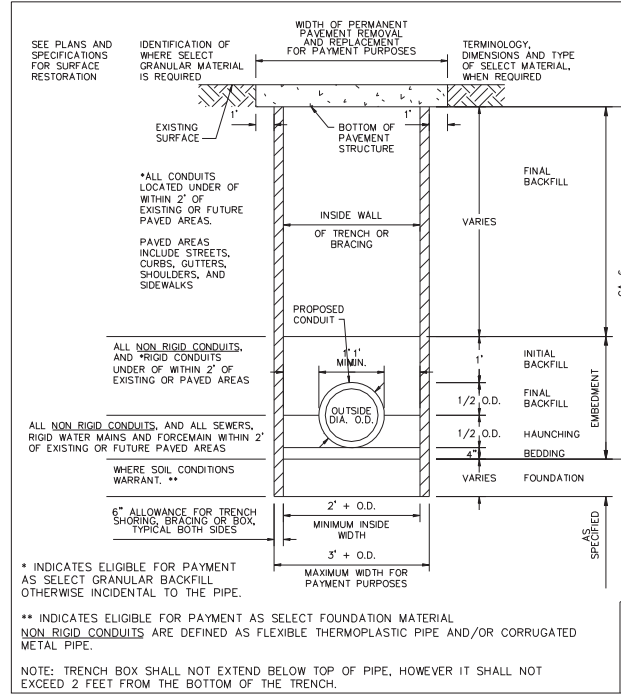
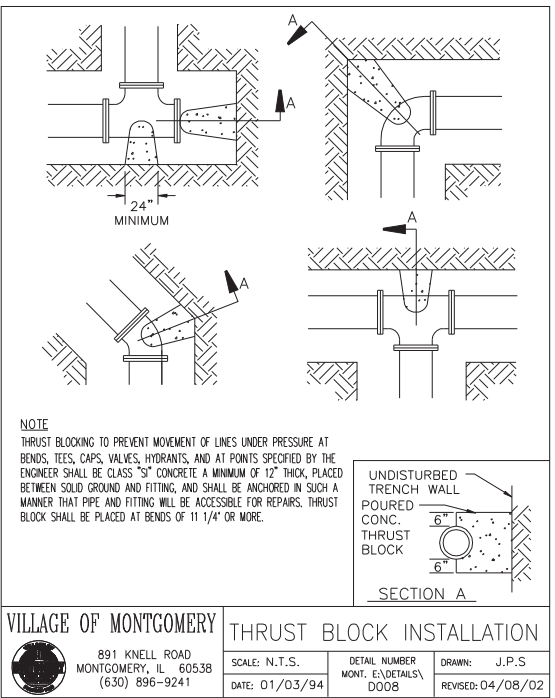
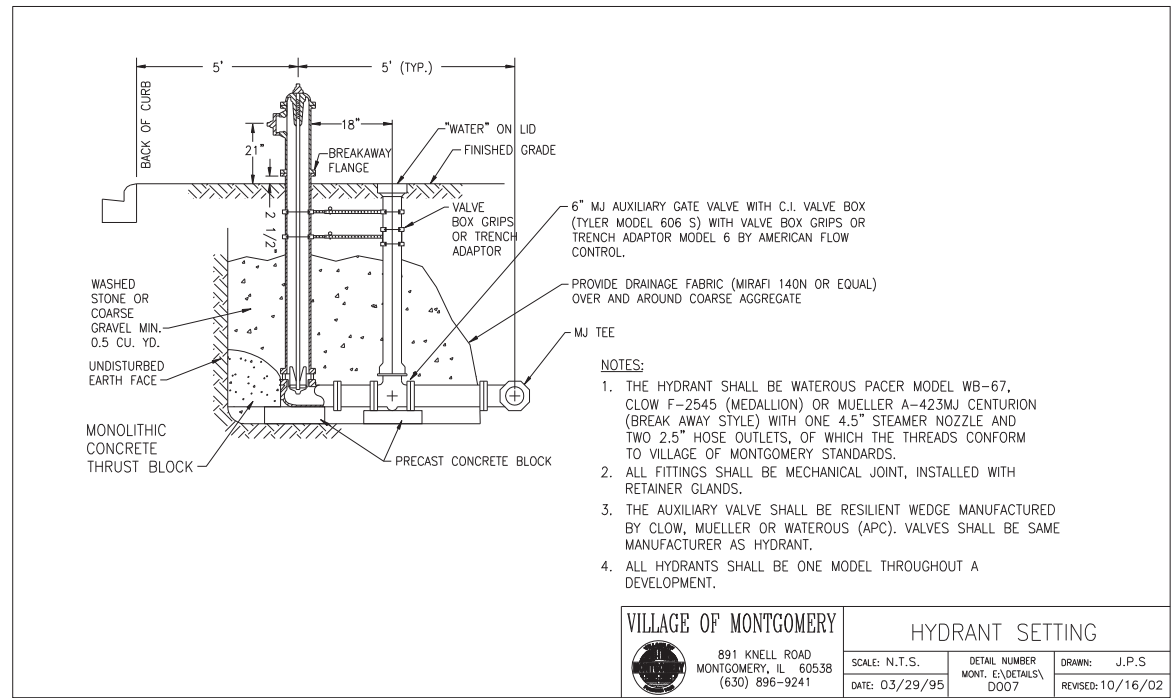
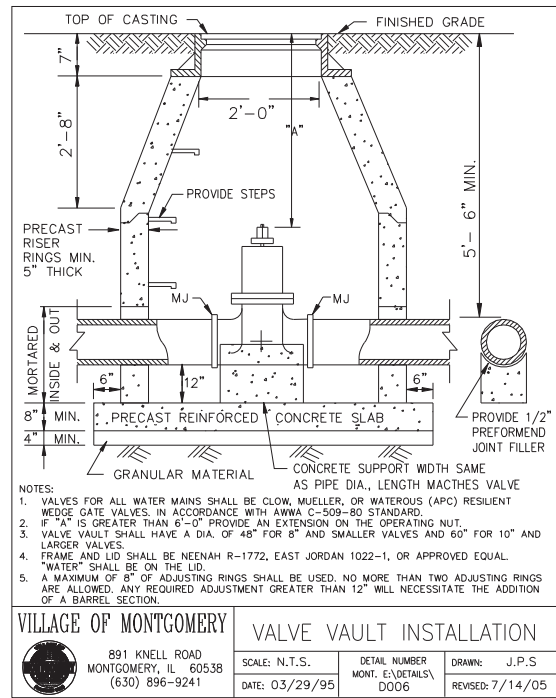


- 4 VALVE VAULT NO. 4
STA 200+08
12" GATE VALVE
IN 60" VAULT
RIM = 670.88
- 5 VALVE VAULT NO. 5
STA 202+82.31
12" GATE VALVE
IN 60" VAULT
RIM = 668.20
- 2 FIRE HYDRANT NO. 2
STA 202+72.31, 5.00' LT
W/ 12"x12"x6" TEE (M.J.)
AND AUXILIARY VALVE
BURY ELEV. = 679.00

- CONSTRUCTION SEQUENCE
1. CONSTRUCT NEW WATER MAIN, PRESSURE TEST, AND DISINFECT NEW WATER MAIN.
 2. AFTER VILLAGE OBTAINS OPERATING PERMIT, CONNECT TO EXISTING WATER MAIN AT VV #6 USING TWO 45° FITTINGS (M.J.).
 3. REMOVE EXISTING WATER MAIN.



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PLOT SCALE = 20.0000' / IN.	CHECKED - TAW	REVISD - -----	SCALE: 1" = 20'		SHEET NO. 3 OF 3 SHEETS	STA. 200+00 TO STA. 203+00	CONTRACT NO. 60132				
PLOT DATE = 4/26/2012	DATE = 4/26/12	REVISD - -----					FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				



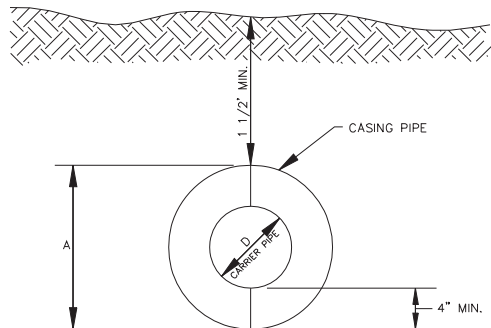
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	PLOT DATE = 4/26/2012	DATE - 4/26/12	REVISED -

STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

TYPICAL DETAILS

SCALE: N.T.S. SHEET NO. 1 OF 2 SHEETS STA. N/A TO STA. N/A

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
349	11 WRS-3	KENDALL	527	183
CONTRACT NO. 60132				
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				



STEEL CASING PIPE DIA. AND WALL THICKNESS SHALL NOT BE LESS THAN THE FOLLOWING:

CARRIER PIPE NOM. DIA.	MIN. CASING PIPE DIA. (O.D.)	WALL THICKNESS
33" - 36"	54"	0.719"
30"	48"	0.625"
27"	42"	0.563"
24"	36"	0.531"
20" - 21"	36"	0.531"
18"	30"	0.469"
15 - 16"	30"	0.469"
12"	24"	0.375"
10"	22"	0.344"
8"	20"	0.344"
6"	18"	0.312"

GENERAL NOTES

BORINGS SHALL BE ACCOMPLISHED WITH AN AUGER AND CASING PIPE. THE DIAMETER OF THE AUGER SHALL NOT EXCEED THE OUTSIDE DIAMETER OF THE CASING PIPE BY MORE THAN ONE INCH.

BORINGS SHALL BE ACCOMPLISHED FROM PITS USING SHORING. THE SHORING SHALL BE DESIGNED, ERECTED, SUPPORTED, BRACED AND MAINTAINED SO THAT IT WILL SAFELY SUPPORT ALL VERTICAL AND LATERAL LOADS THAT MAY BE IMPOSED UPON IT DURING THE BORING OPERATION. ALL SHAFTS AND JACKING PITS SHALL CONFORM WITH APPLICABLE OSHA EXCAVATION, TRENCHING, AND SHORING STANDARDS.

PITS FOR BORING SHALL BE EXCAVATED NO MORE THAN 48 HOURS IN ADVANCE OF BORING AND BACKFILLED WITHIN 48 HOURS AFTER BORING OPERATIONS ARE COMPLETED. WHILE PITS ARE OPEN, THEY SHALL BE CLEARLY MARKED, FENCED OFF AND PROTECTED BY BARRICADES.

CASCADE CASING SPACERS SHALL BE USED TO CENTER WATER MAIN IN CASING PIPE. (SPACED EVERY 10' MIN.) METAL TO METAL CONTACT IS NOT PERMITTED.

CASCADE CASING SPACERS SHALL BE USED TO CENTER SANITARY SEWER IN CASING PIPE. (SPACED EVERY 10' MIN.)

STORM SEWER IS NOT REQUIRED TO BE CENTERED WITH IN THE CASING PIPE.

CASCADE CASING END SEALS SHALL BE USED TO LOOSELY SEAL THE ENDS OF THE CASING.

STEEL CASING PIPE SHALL HAVE A MINIMUM YIELD STRENGTH OF 35,000 PSI WITH WELDED JOINTS.

ALL WATER MAIN WITHIN CASING SHALL BE INSTALLED WITH FIELD LOK GASKET JOINTS.

DEWATERING SHALL BE CONSIDERED INCIDENTAL

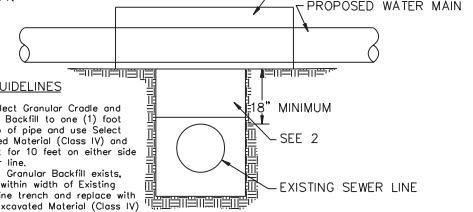
BORE & JACK DETAIL

Engineering Enterprises, Inc. 52 Wheeler Road Sugar Grove, Illinois 60554 Phone: (630) 466-9350	SCALE: N.T.S.	FOLDER:	DRAWING NUMBER:	DRAWN BY:
	DATE: 3/29/94	EE-MI	BJ-01	BLM
			REVISED:	02/22/08

COPYRIGHT 2011 ENGINEERING ENTERPRISES, INC.

Proposed water main above existing sewer line with 18" minimum separation.

NOTE: CLASS IV MATERIAL SHALL BE COMPACTED TO 95% OF STANDARD PROCTOR MAXIMUM DENSITY.

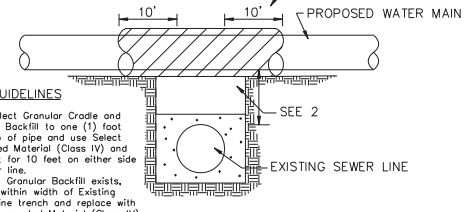


GUIDELINES

- Omit Select Granular Cradle and Granular Backfill to one (1) foot over top of pipe and use Select Excavated Material (Class IV) and compact for 10 feet on either side of sewer line.
- If Select Granular Backfill exists, remove within width of Existing Sewer Line trench and replace with Select Excavated Material (Class IV) and compact.

Proposed water main above existing sewer line with less than 18" separation.

NOTE: CLASS IV MATERIAL SHALL BE COMPACTED TO 95% OF STANDARD PROCTOR MAXIMUM DENSITY.



GUIDELINES

- Omit Select Granular Cradle and Granular Backfill to one (1) foot over top of pipe and use Select Excavated Material (Class IV) and compact for 10 feet on either side of sewer line.
- If Select Granular Backfill exists, remove within width of Existing Sewer Line trench and replace with Select Excavated Material (Class IV) and compact.
- Use a casing for proposed Water Main and seal ends of casing
- Point loads shall not be allowed between water main or water main casing and sewer.

VILLAGE OF MONTGOMERY 891 KNEEL ROAD MONTGOMERY, IL 60538 (630) 896-9241	WATER & SEWER SEPARATION REQUIREMENTS (VERT.)		
	SCALE: N.T.S.	DETAIL NUMBER: MONT. E:\DETAILS\ D072	DRAWN: WCP
DATE: 4/08/02		REVISED:	

FILE NAME = H:\SDSKProj\M01120\dgn\Dgn Final Eng\M0120-Cover.dgn	USER NAME = kpfung	DESIGNED - TNP	REVISED - ---
		DRAWN - KKP	REVISED - ---
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	PLOT DATE = 4/26/2012	DATE - 4/26/12	REVISED - ---

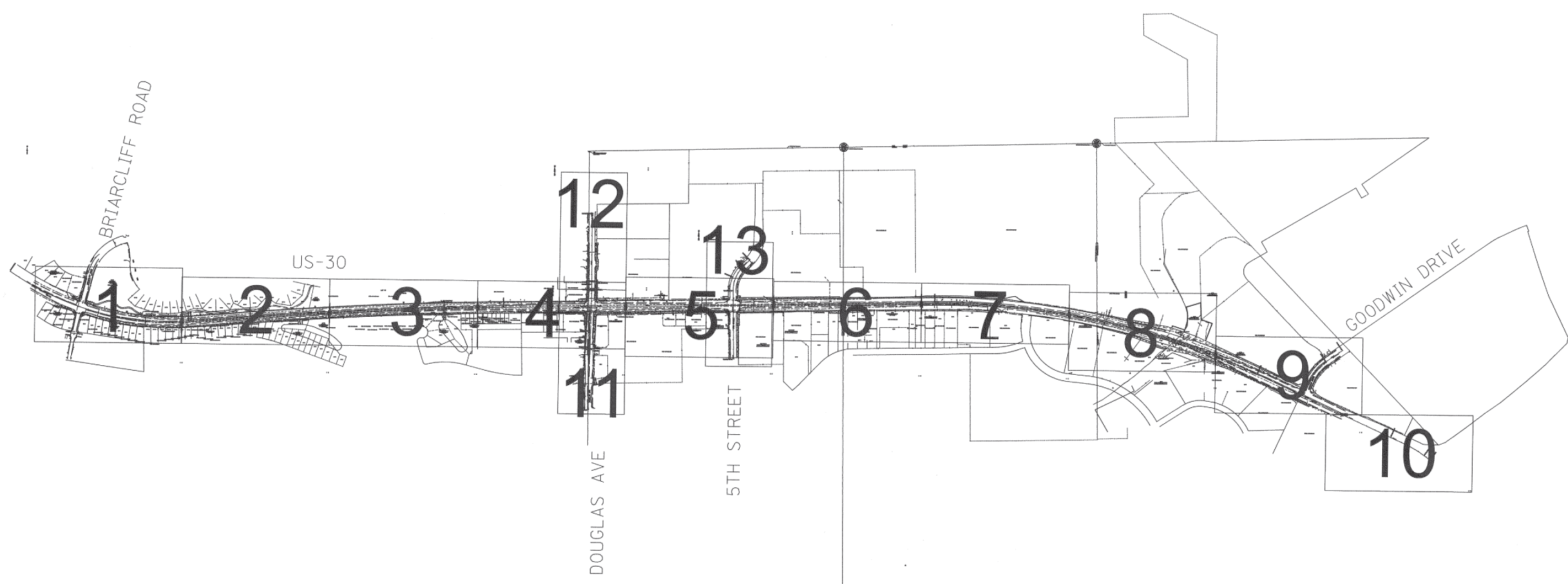
STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION

TYPICAL DETAILS

SCALE: N.T.S. SHEET NO. 2 OF 2 SHEETS STA. N/A TO STA. N/A

F.A.P. RTE. 349	SECTION 11 WRS-3	COUNTY KENDALL	TOTAL SHEETS 527	SHEET NO. 184
CONTRACT NO. 60132				
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				

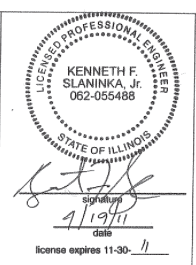
UTILITY OWNERS	
COMED	= ELECTRIC
COMCAST	= CABLE TV
AT&T	= TELEPHONE
AT&T	= FIBER OPTIC
VILLAGE OF OSWEGO	= FIBER OPTIC TRAFFIC SIGNAL
NICOR	= GAS
VILLAGE OF MONTGOMERY	= WATER
VILLAGE OF OSWEGO	= WATER



—A—A—A—	AERIAL UTILITY
----	UNKNOWN
—CTV—CTV—CTV—	CABLE TV
—T—T—T—	TELEPHONE
—G—G—G—	GAS
—E—E—E—	ELECTRIC
—W—W—W—	WATER
—FO—FO—FO—	FIBER OPTIC
—>>>>	SEWER
◆	TBE TEST HOLE

Utilities shown on these plans as depicted in the legend have been investigated by Cardno TBE in accordance with SUE Industry Standards. All other information shown has been provided to Cardno TBE by others. TBE's SUE field investigation was performed 3/01/11 through 4/08/11. Changes to utilities after 4/08/11 may have been made and therefore may result in variances from this plan. Consideration should be given to updating this plan if deemed advisable prior to final design and construction.

ALL UTILITIES SHOWN QUALITY LEVEL "B"
UNLESS NOTED OTHERWISE.



Utility Quality Level "A": Test Hole
Utility Quality Level "B": Designating
Utility Quality Level "C": Research with Survey
Utility Quality Level "D": Records Research

DESIGNED	LP	REVISED
DRAWN	KLC	REVISED
CHECKED	KFS	REVISED
DATE	4/13/11	REVISED

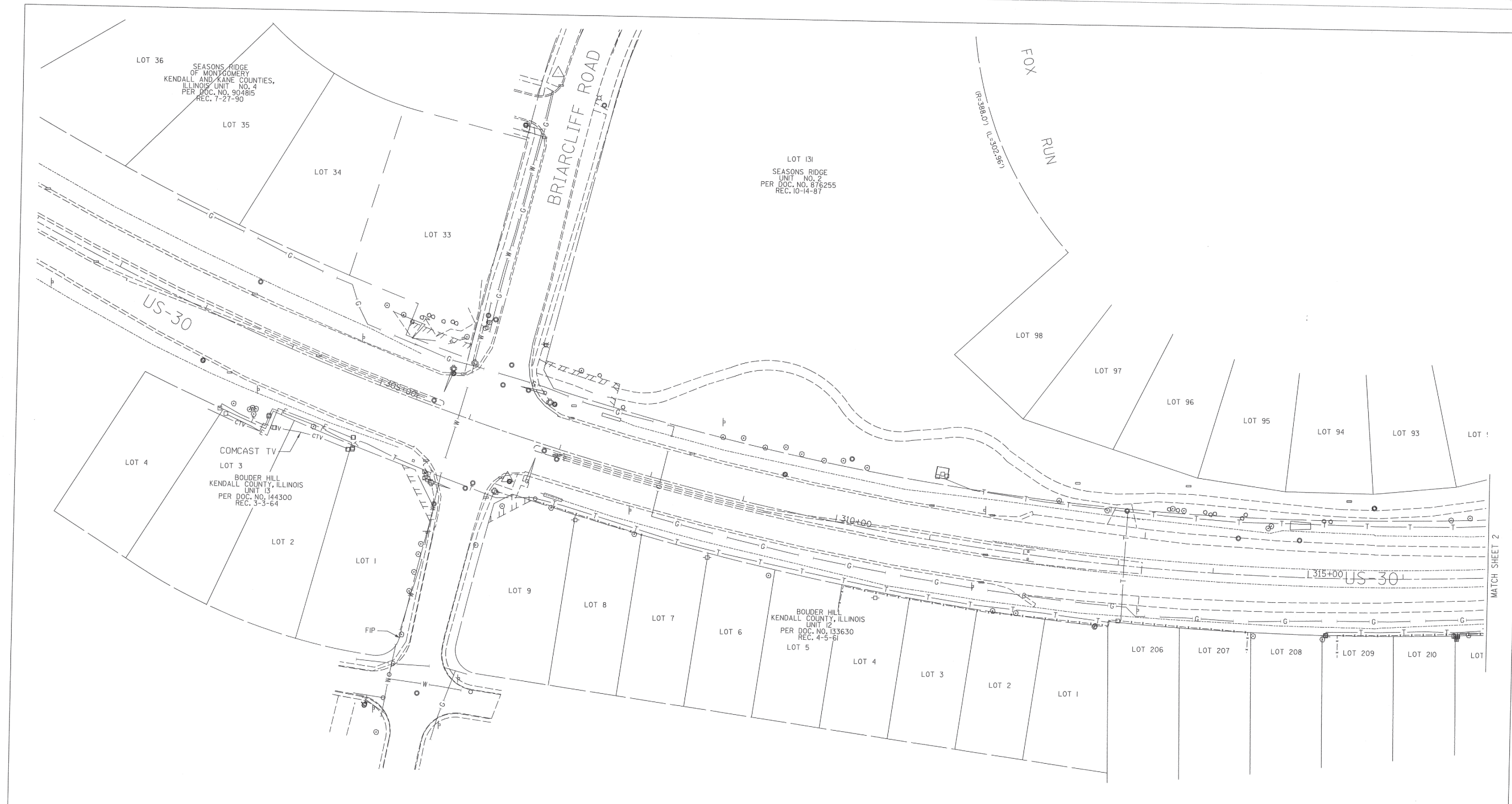
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

US RT. 30 at Briarcliff Road to US RT. 34
Montgomery, IL

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	11WRS-3	Kane/Kendall		
FED. ROAD DIST. NO.		ILLINOIS	IDOT Project No.	

TBE Job No. IL09510432
SUE Plan Page: Cover

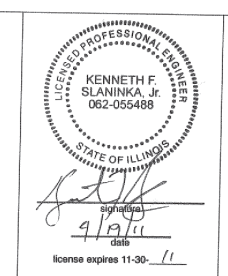
Contract No. 60132



— A — A —	AERIAL UTILITY
- - - - -	UNKNOWN
— CTV — CTV —	CABLE TV
— T — T —	TELEPHONE
— G — G —	GAS
— E — E —	ELECTRIC
— W — W —	WATER
— FO — FO —	FIBER OPTIC
— S — S —	SEWER
⊕	TBE TEST HOLE

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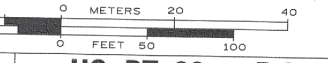
ALL UTILITIES SHOWN QUALITY LEVEL "B" UNLESS NOTED OTHERWISE.



Utility Quality Level "A": Test Hole
 Utility Quality Level "B": Designating
 Utility Quality Level "C": Research with Survey
 Utility Quality Level "D": Records Research

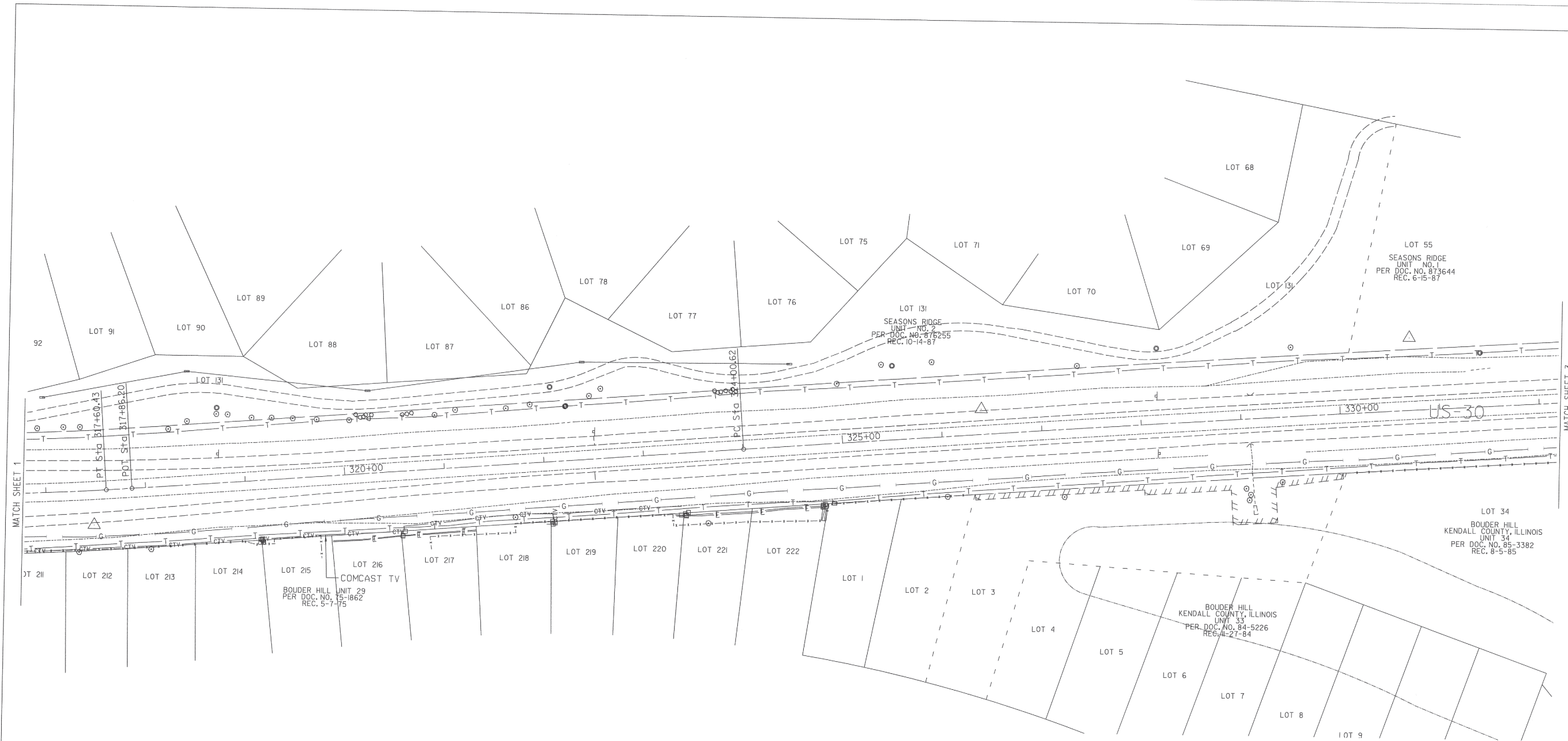
DESIGNED LP	REVISED
DRAWN KLC	REVISED
CHECKED KFS	REVISED
DATE 4/13/11	REVISED

STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION



US RT. 30 at Briarcliff Road to US RT. 34
 Montgomery, IL

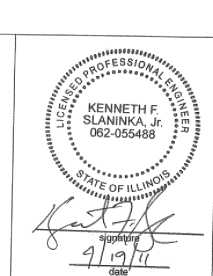
TBE Job No. IL09510432 SUE Plan Page: 1 of 13				
F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	11WRS-3	Kane/Kendall		
Contract No. 60132				
FED. ROAD DIST. NO.	ILLINOIS	IDOT Project No.		



— A — A —	AERIAL UTILITY
- - - - -	UNKNOWN
— CTV — CTV —	CABLE TV
— T — T —	TELEPHONE
— G — G —	GAS
— E — E —	ELECTRIC
— W — W —	WATER
— FO — FO —	FIBER OPTIC
— S — S —	SEWER
⊕	TBE TEST HOLE

Utilities shown on these plans as depicted in the legend have been investigated by Cardno TBE in accordance with SUE Industry Standards. All other information shown has been provided to Cardno TBE by others. TBE's SUE field investigation was performed 3/01/11 through 4/08/11. Changes to utilities after 4/08/11 may have been made and therefore may result in variances from this plan. Consideration should be given to updating this plan if deemed advisable prior to final design and construction.

ALL UTILITIES SHOWN QUALITY LEVEL "B"
UNLESS NOTED OTHERWISE.



Utility Quality Level "A": Test Hole
Utility Quality Level "B": Designating
Utility Quality Level "C": Research with Survey
Utility Quality Level "D": Records Research

DESIGNED	LP	REVISED	
DRAWN	KLC	REVISED	
CHECKED	KFS	REVISED	
DATE	4/13/11	REVISED	

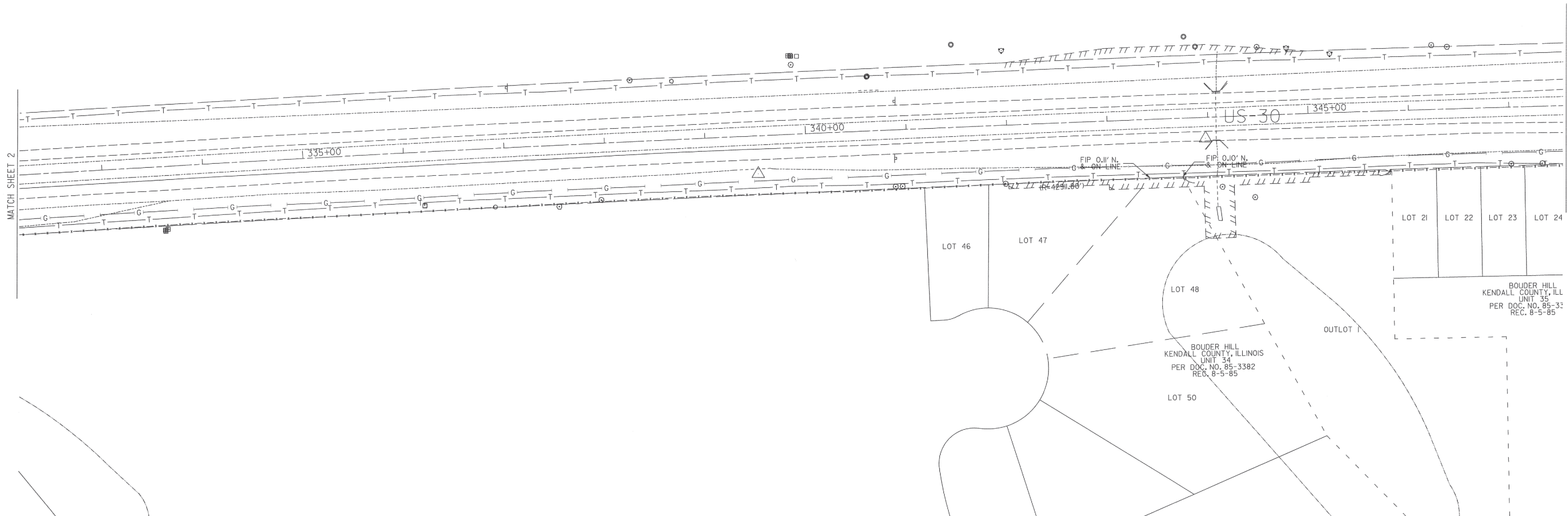
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

US RT. 30 at Briarcliff Road to US RT. 34
Montgomery, IL

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	11WRS-3	Kane/Kendall		
FED. ROAD DIST. NO.	ILLINOIS IDOT Project No.	Contract No. 60132		

TBE Job No. IL09510432
SUE Plan Page: 2 of 13

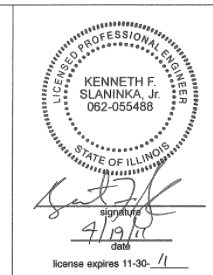
LOT 48



— A — A —	AERIAL UTILITY
- - - - -	UNKNOWN
— CTV — CTV —	CABLE TV
— T — T —	TELEPHONE
— G — G —	GAS
— E — E —	ELECTRIC
— W — W —	WATER
— FO — FO —	FIBER OPTIC
- - - - -	SEWER
⊕	TBE TEST HOLE

Utilities shown on these plans as depicted in the legend have been investigated by Cardno TBE in accordance with SUE Industry Standards. All other information shown has been provided to Cardno TBE by others. TBE's SUE field investigation was performed 3/01/11 through 4/08/11. Changes to utilities after 4/08/11 may have been made and therefore may result in variances from this plan. Consideration should be given to updating this plan if deemed advisable prior to final design and construction.

ALL UTILITIES SHOWN QUALITY LEVEL "B" UNLESS NOTED OTHERWISE.



Cardno TBE
 CIVIL ENGINEERING * TRANSPORTATION * ENVIRONMENTAL
 * PLANNING * UTILITY ENGINEERING/LOCATING

TBE Job No. IL09510432
 SUE Plan Page: 3 of 13

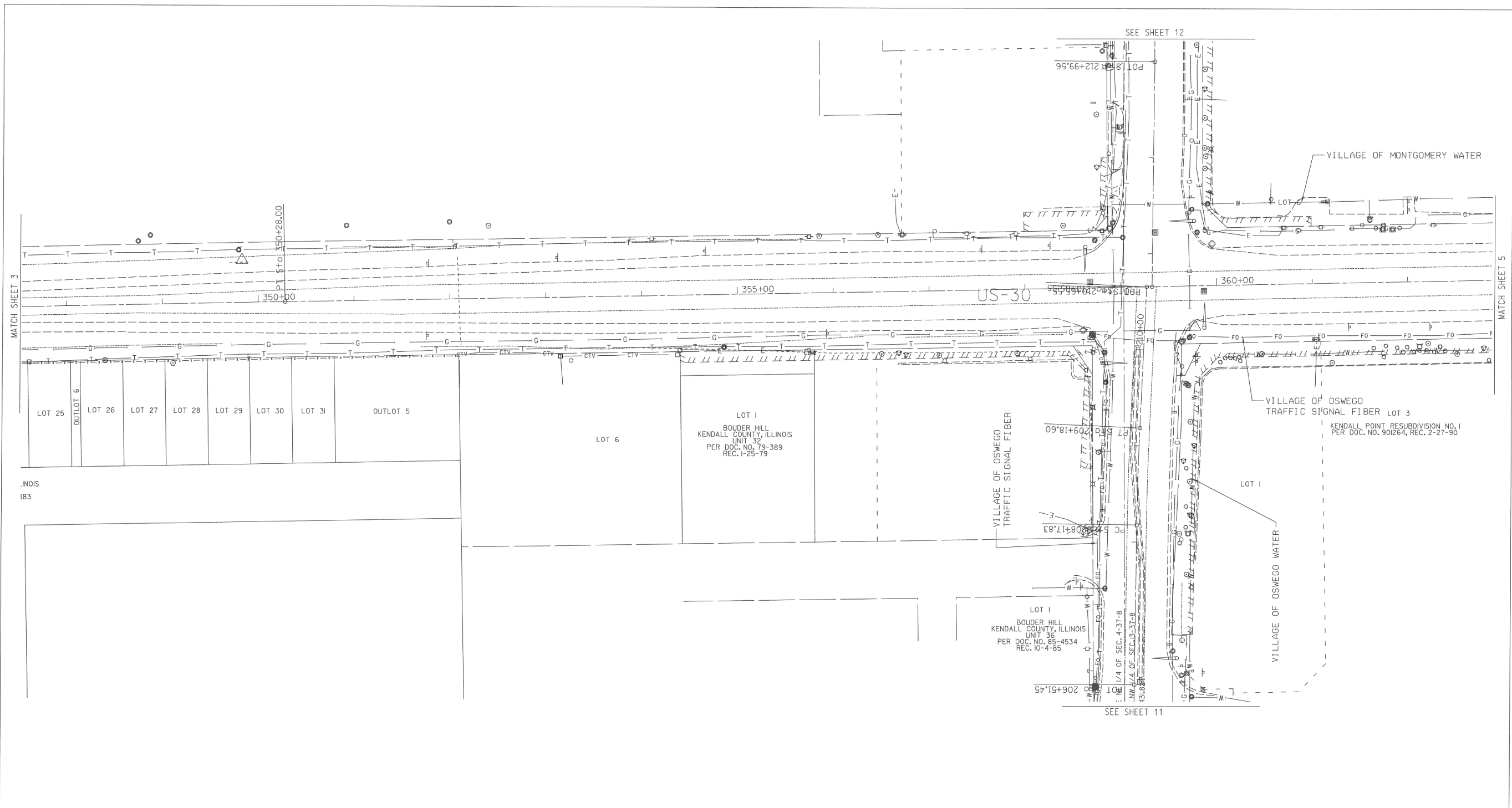
Utility Quality Level "A" : Test Hole	DESIGNED <i>LP</i>	REVISED
Utility Quality Level "B" : Designating	DRAWN <i>KLC</i>	REVISED
Utility Quality Level "C" : Research with Survey	CHECKED <i>KFS</i>	REVISED
Utility Quality Level "D" : Records Research	DATE <i>4/13/11</i>	REVISED

DESIGNED <i>LP</i>	REVISED
DRAWN <i>KLC</i>	REVISED
CHECKED <i>KFS</i>	REVISED
DATE <i>4/13/11</i>	REVISED

STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

US RT. 30 at Briarcliff Road to US RT. 34
 Montgomery, IL

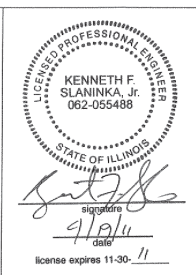
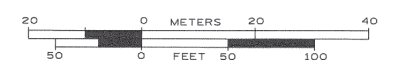
F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	11WRS-3	Kane/Kendall		
FED. ROAD DIST. NO.	ILLINOIS IDOT Project No.	Contract No. 60132		



— A — A —	AERIAL UTILITY
- - - - -	UNKNOWN
— CTV — CTV —	CABLE TV
— T — T —	TELEPHONE
— G — G —	GAS
— E — E —	ELECTRIC
— W — W —	WATER
— FO — FO —	FIBER OPTIC
— S — S —	SEWER
⊕	TBE TEST HOLE

Utilities shown on these plans as depicted in the legend have been investigated by Cardno TBE in accordance with SUE Industry Standards. All other information shown has been provided to Cardno TBE by others. TBE's SUE field investigation was performed 3/01/11 through 4/08/11. Changes to utilities after 4/08/11 may have been made and therefore may result in variances from this plan. Consideration should be given to updating this plan if deemed advisable prior to final design and construction.

ALL UTILITIES SHOWN QUALITY LEVEL "B" UNLESS NOTED OTHERWISE.



TBE Job No. IL09510432
SUE Plan Page: 4 of 13

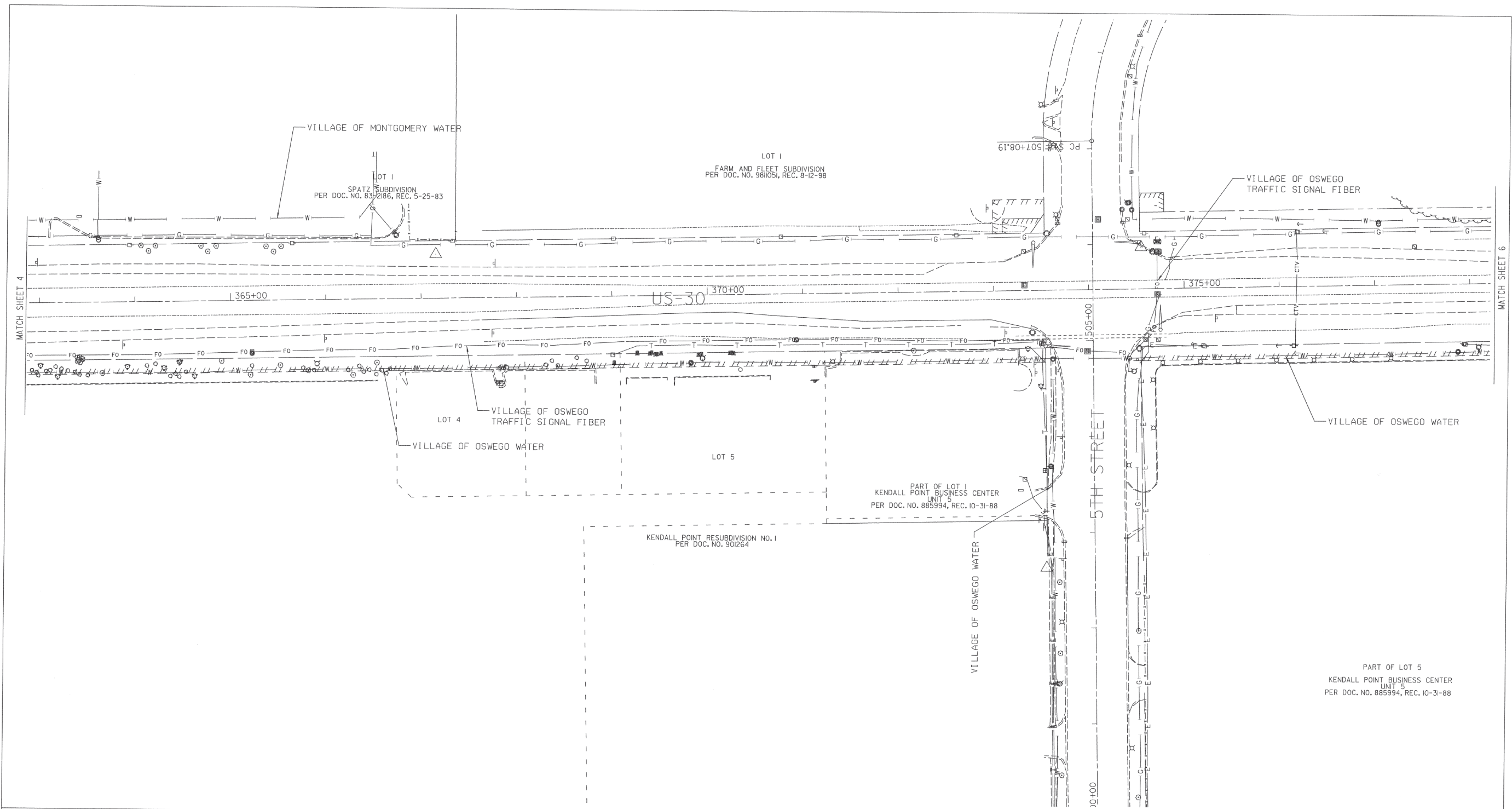
Utility Quality Level "A" : Test Hole
Utility Quality Level "B" : Designating
Utility Quality Level "C" : Research with Survey
Utility Quality Level "D" : Records Research

DESIGNED LP	REVISED
DRAWN KLC	REVISED
CHECKED KFS	REVISED
DATE 4/13/11	REVISED

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

US RT. 30 at Briarcliff Road to US RT. 34
Montgomery, IL

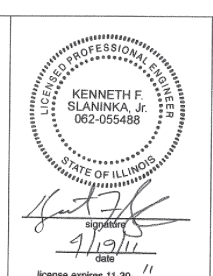
F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	11WRS-3	Kane/Kendall		
FED. ROAD DIST. NO.	ILLINOIS	IDOT Project No.	Contract No. 60132	



— A — A —	AERIAL UTILITY
- - - - -	UNKNOWN
— CTV — CTV —	CABLE TV
— T — T —	TELEPHONE
— G — G —	GAS
— E — E —	ELECTRIC
— W — W —	WATER
— FO — FO —	FIBER OPTIC
- - - - -	SEWER
⊕	TBE TEST HOLE

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Cardno TBE
 CIVIL ENGINEERING * TRANSPORTATION * ENVIRONMENTAL
 * PLANNING * UTILITY ENGINEERING/LOCATING

TBE Job No. IL09510432
 SUE Plan Page: 5 of 13

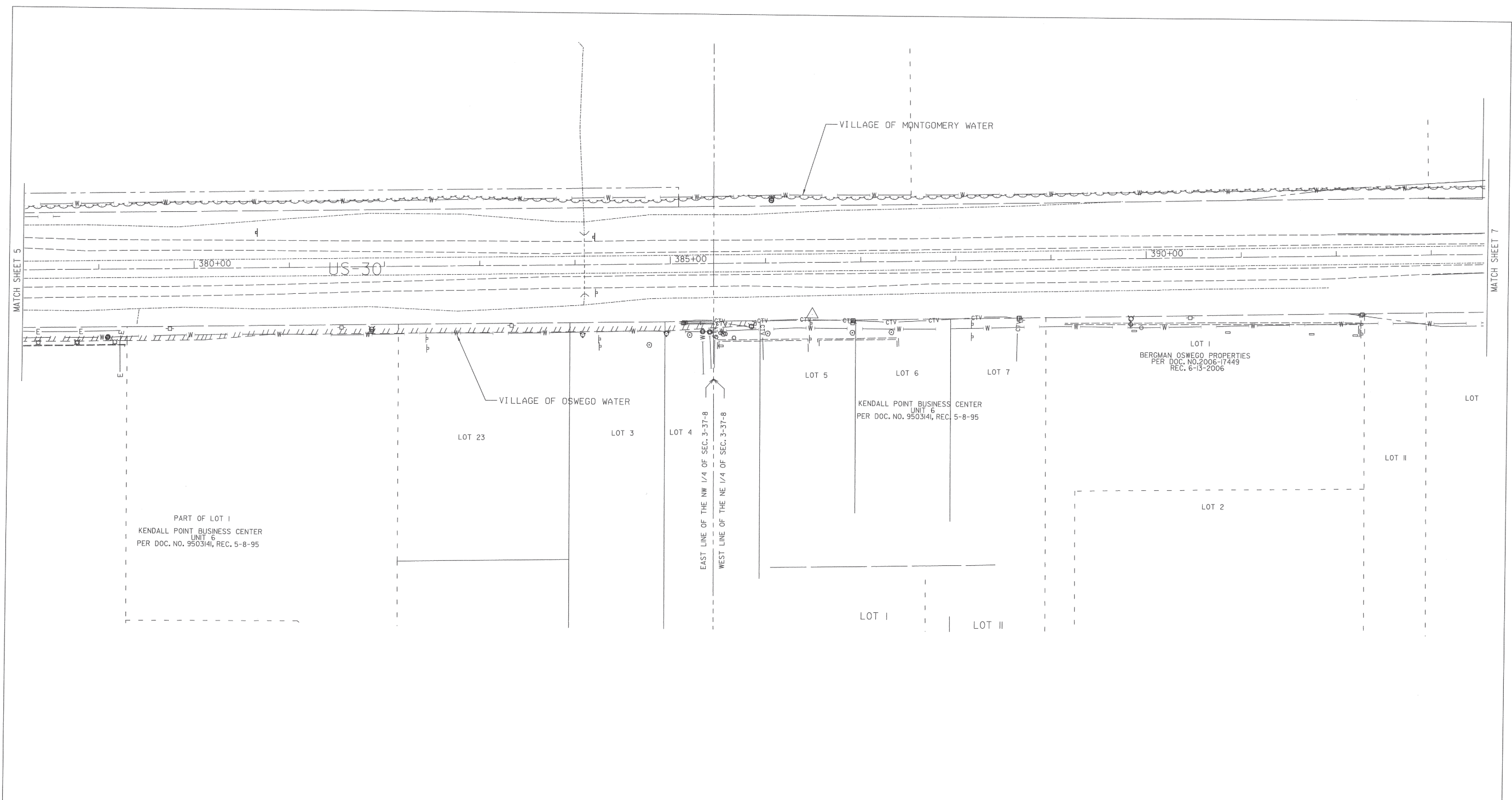
Utility Quality Level "A" : Test Hole
 Utility Quality Level "B" : Designating
 Utility Quality Level "C" : Research with Survey
 Utility Quality Level "D" : Records Research

DESIGNED <i>LP</i>	REVISED
DRAWN <i>KLC</i>	REVISED
CHECKED <i>KFS</i>	REVISED
DATE <i>4/13/11</i>	REVISED

STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

US RT. 30 at Briarcliff Road to US RT. 34
 Montgomery, IL

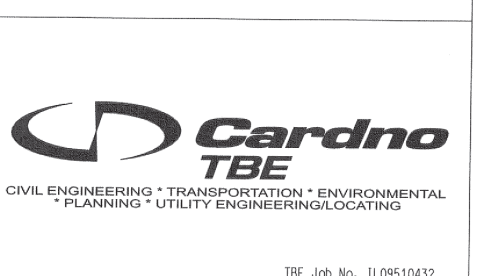
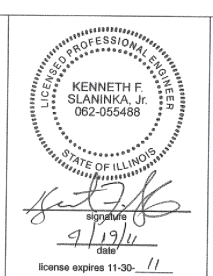
F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	11WRS-3	Kane/Kendall		
Contract No. 60132				
FED. ROAD DIST. NO. ILLINOIS IDOT Project No.				



— A — A —	AERIAL UTILITY
- - - - -	UNKNOWN
— CTV — CTV —	CABLE TV
— T — T —	TELEPHONE
— G — G —	GAS
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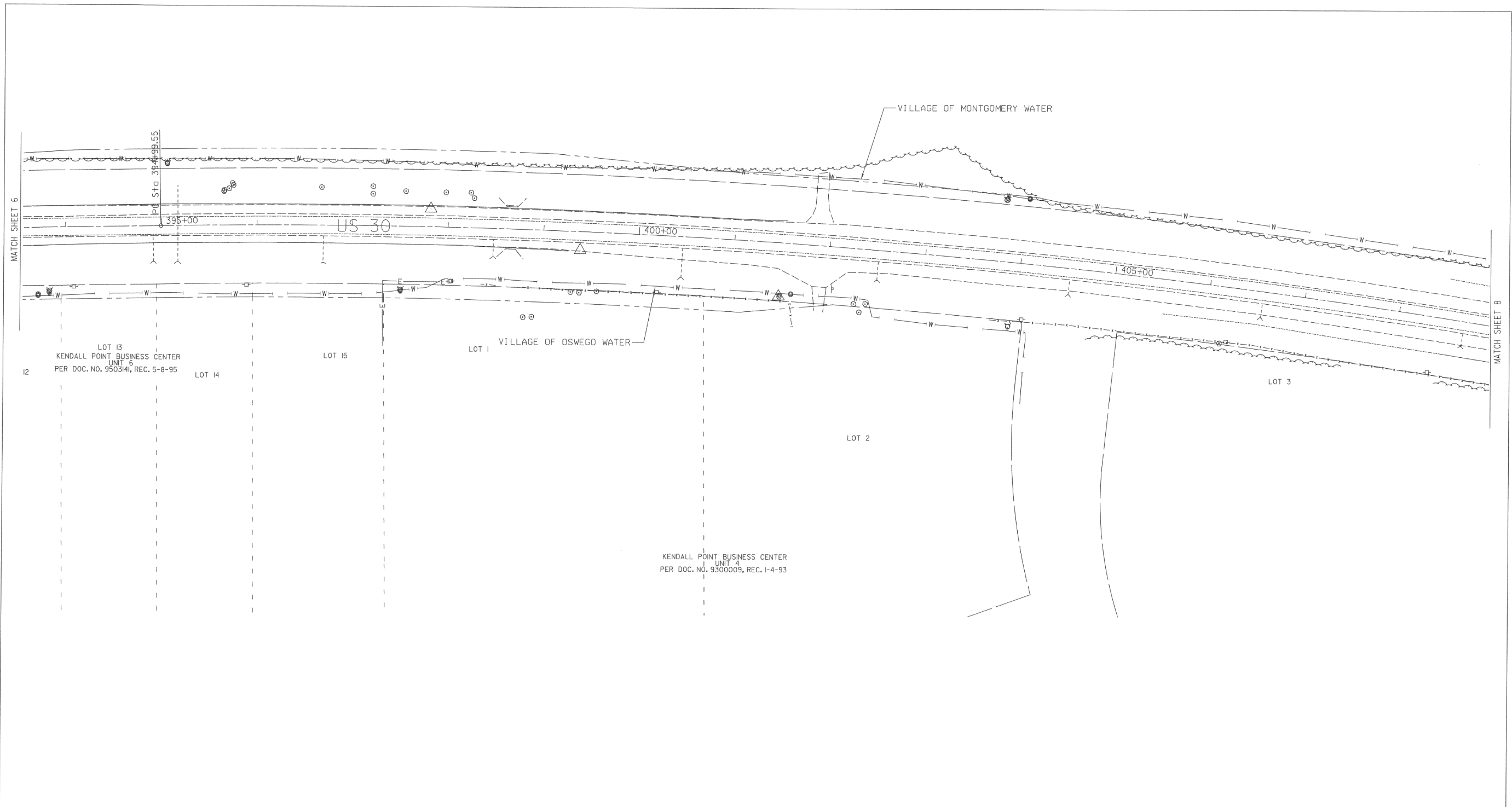
Utility Quality Level "A" : Test Hole	DESIGNED LP	REVISED
Utility Quality Level "B" : Designating	DRAWN KLC	REVISED
Utility Quality Level "C" : Research with Survey	CHECKED KFS	REVISED
Utility Quality Level "D" : Records Research	DATE 4/13/11	REVISED

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

US RT. 30 at Briarcliff Road to US RT. 34
Montgomery, IL

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	11WRS-3	Kane/Kendall		
Contract No. 60132				
FED. ROAD DIST. NO. ILLINOIS IDOT Project No.				

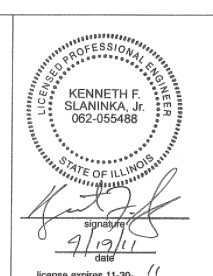
TBE Job No. IL09510432
SUE Plan Page: 6 of 13



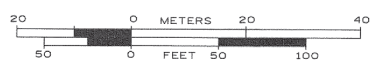
— A — A —	AERIAL UTILITY
- - - - -	UNKNOWN
— CTV — CTV —	CABLE TV
— T — T —	TELEPHONE
— G — G —	GAS
— E — E —	ELECTRIC
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TBE Job No. IL09510432
SUE Plan Page: 7 of 13



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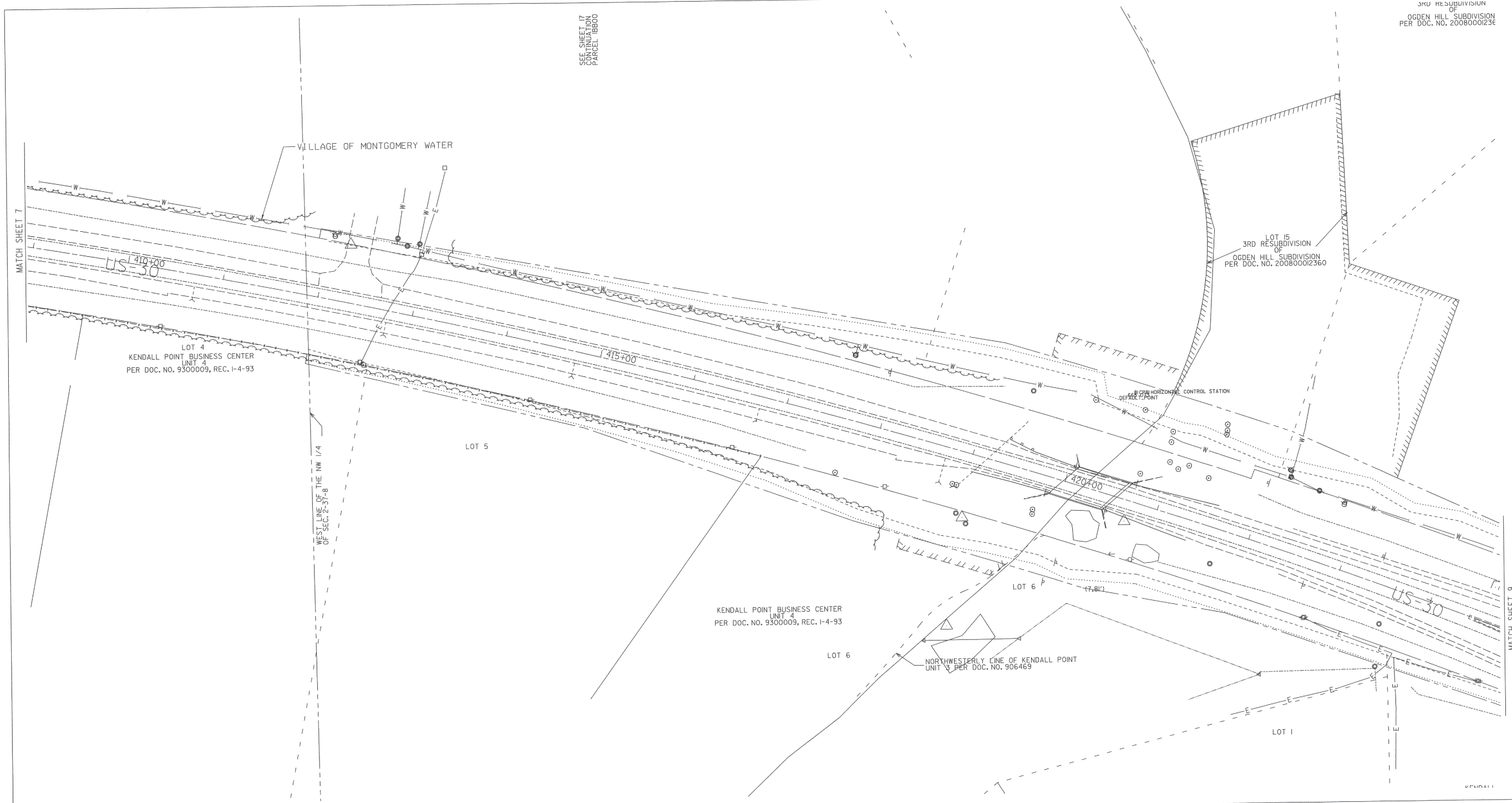
DESIGNED LP	REVISED
DRAWN KLC	REVISED
CHECKED KFS	REVISED
DATE 4/13/11	REVISED

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

US RT. 30 at Briarcliff Road to US RT. 34
Montgomery, IL

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	11WRS-3	Kane/Kendall		
FED. ROAD DIST. NO. [ILLINOIS] IDOT Project No.			Contract No. 60I32	

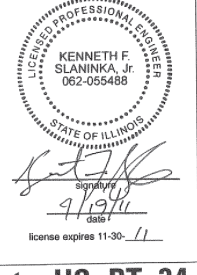
SEE SHEET 17 CONTINUATION PARCEL 18800



— A — A —	AERIAL UTILITY
- - - - -	UNKNDWN
— CTV — CTV —	CABLE TV
— T — T —	TELEPHONE
— G — G —	GAS
— E — E —	ELECTRIC
— W — W —	WATER
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TBE Job No. IL09510432
SUE Plan Page: 8 of 13



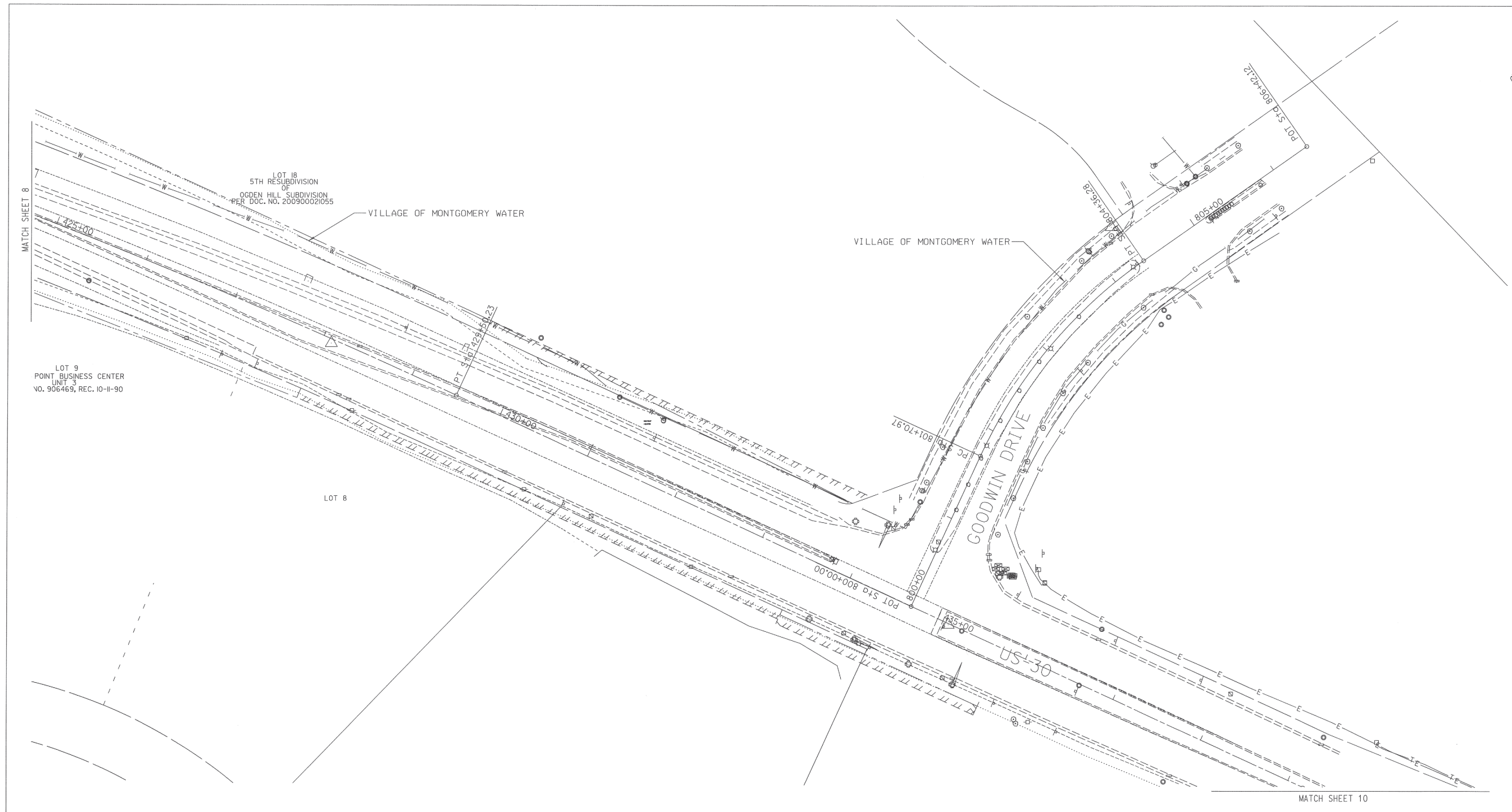
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DESIGNED LP	REVISED
DRAWN KLC	REVISED
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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

US RT. 30 at Briarcliff Road to US RT. 34
Montgomery, IL

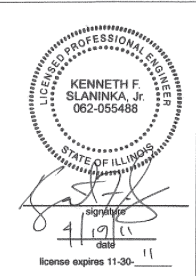
F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	11WR5-3	Kane/Kendall		
FED. ROAD DIST. NO. [ILLINOIS] IDOT Project No.			Contract No. 60132	



— A — A —	AERIAL UTILITY
- - - - -	UNKNOWN
— CTV — CTV —	CABLE TV
— T — T —	TELEPHONE
— G — G —	GAS
— E — E —	ELECTRIC
— W — W —	WATER
— FO — FO —	FIBER OPTIC
- - - - -	SEWER
⊕	TBE TEST HOLE

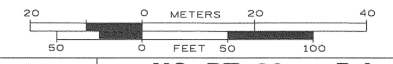
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TBE Job No. IL09510432
SUE Plan Page: 9 of 13



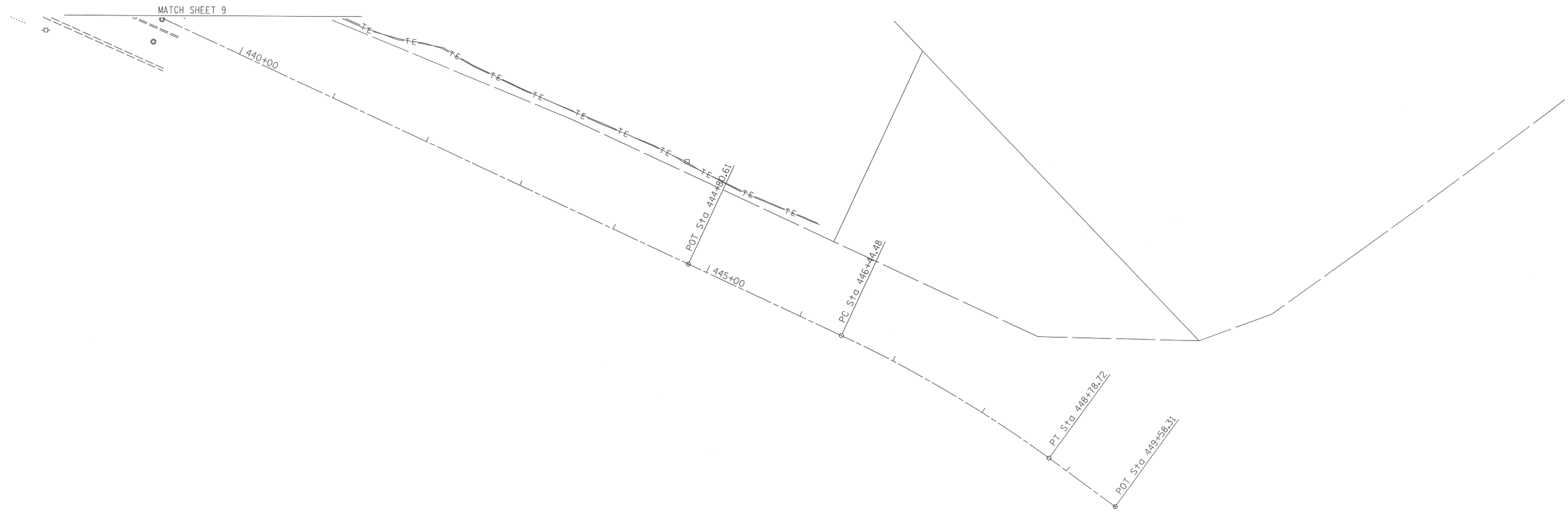
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DESIGNED LP	REVISED
DRAWN KLC	REVISED
CHECKED KFS	REVISED
DATE 4/13/11	REVISED

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

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Montgomery, IL

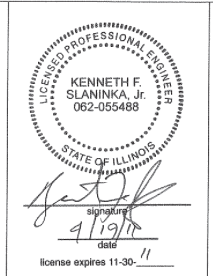
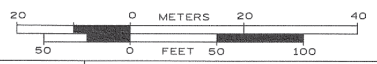
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	11WRS-3	Kane/Kendall		
FED. ROAD DIST. NO.	ILLINOIS	IDOT Project No.	Contract No. 60132	



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TBE Job No. IL09510432
SUE Plan Page: 10 of 13

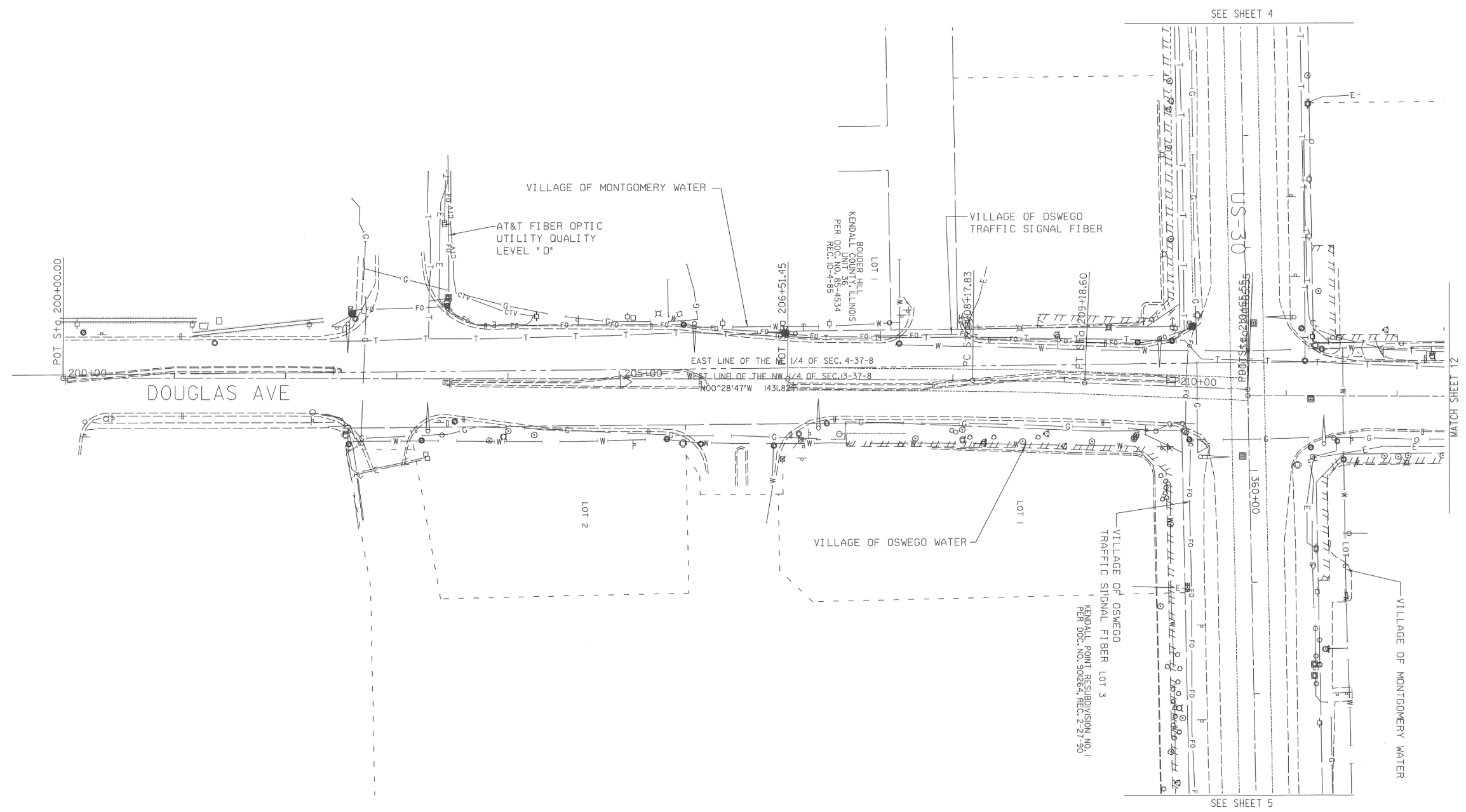
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DESIGNED LP	REVISED
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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

US RT. 30 at Briarcliff Road to US RT. 34
Montgomery, IL

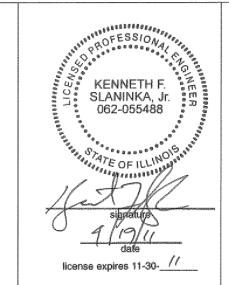
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	11WRS-3	Kane/Kendall		
FED. ROAD DIST. NO.		ILLINOIS IDOT Project No.	Contract No. 60132	



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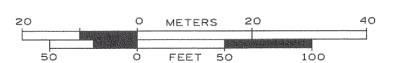
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TBE Job No. IL09510432
SUE Plan Page: 11 of 13



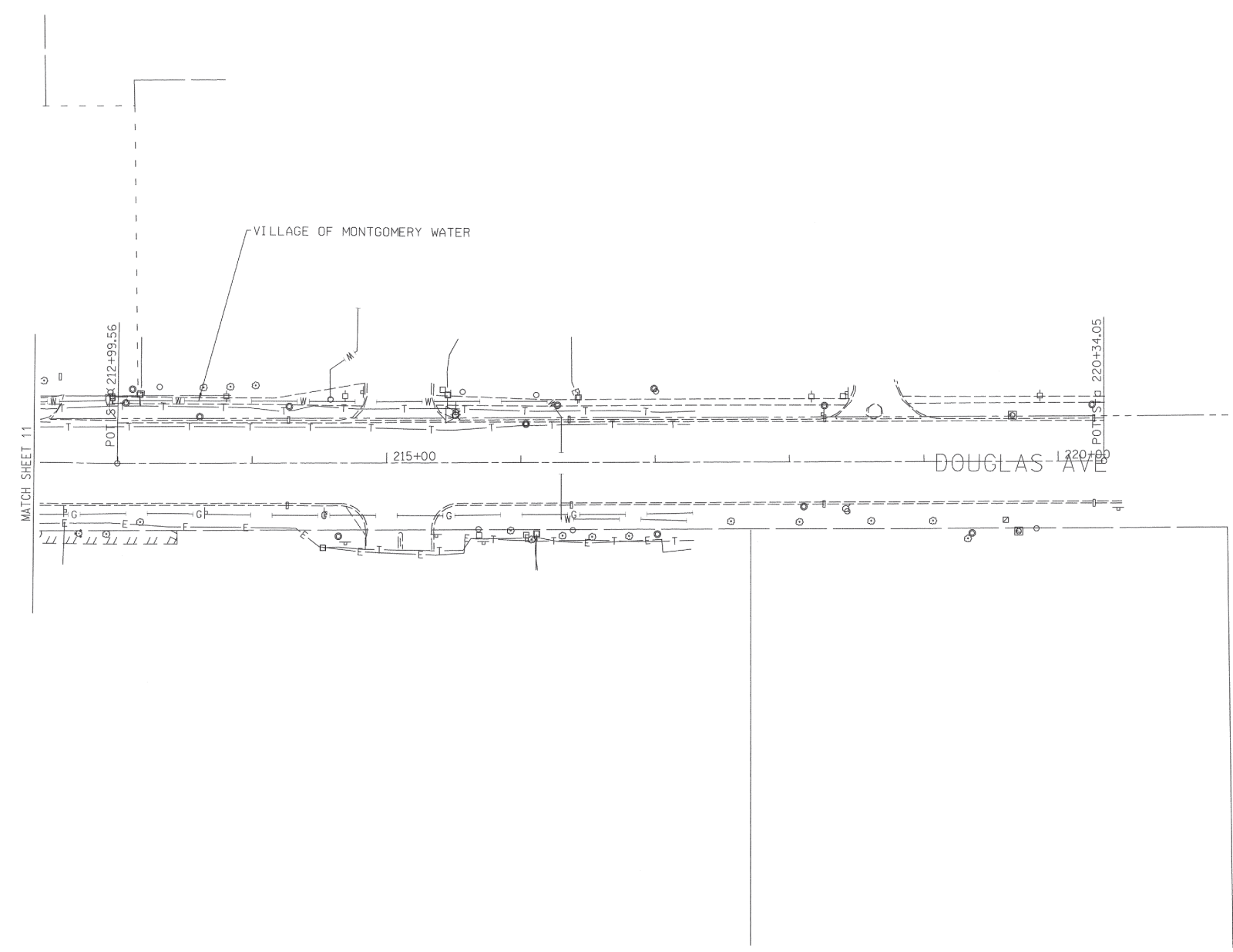
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DESIGNED <i>LP</i>	REVISED
DRAWN <i>KLC</i>	REVISED
CHECKED <i>KFS</i>	REVISED
DATE <i>4/13/11</i>	REVISED

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**US RT. 30 at Briarcliff Road to US RT. 34
Montgomery, IL**

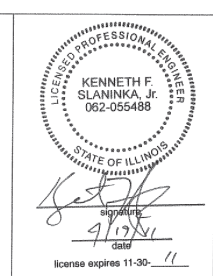
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	11WRS-3	Kane/Kendall		
FED. ROAD DIST. NO.	ILLINOIS	IDOT Project No.		



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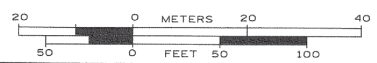


TBE Job No. IL09510432
SUE Plan Page: 12 of 13

Utility Quality Level "A" : Test Hole	DESIGNED LP	REVISED
Utility Quality Level "B" : Designating	DRAWN KLC	REVISED
Utility Quality Level "C" : Research with Survey	CHECKED KFS	REVISED
Utility Quality Level "D" : Records Research	DATE 4/13/11	REVISED

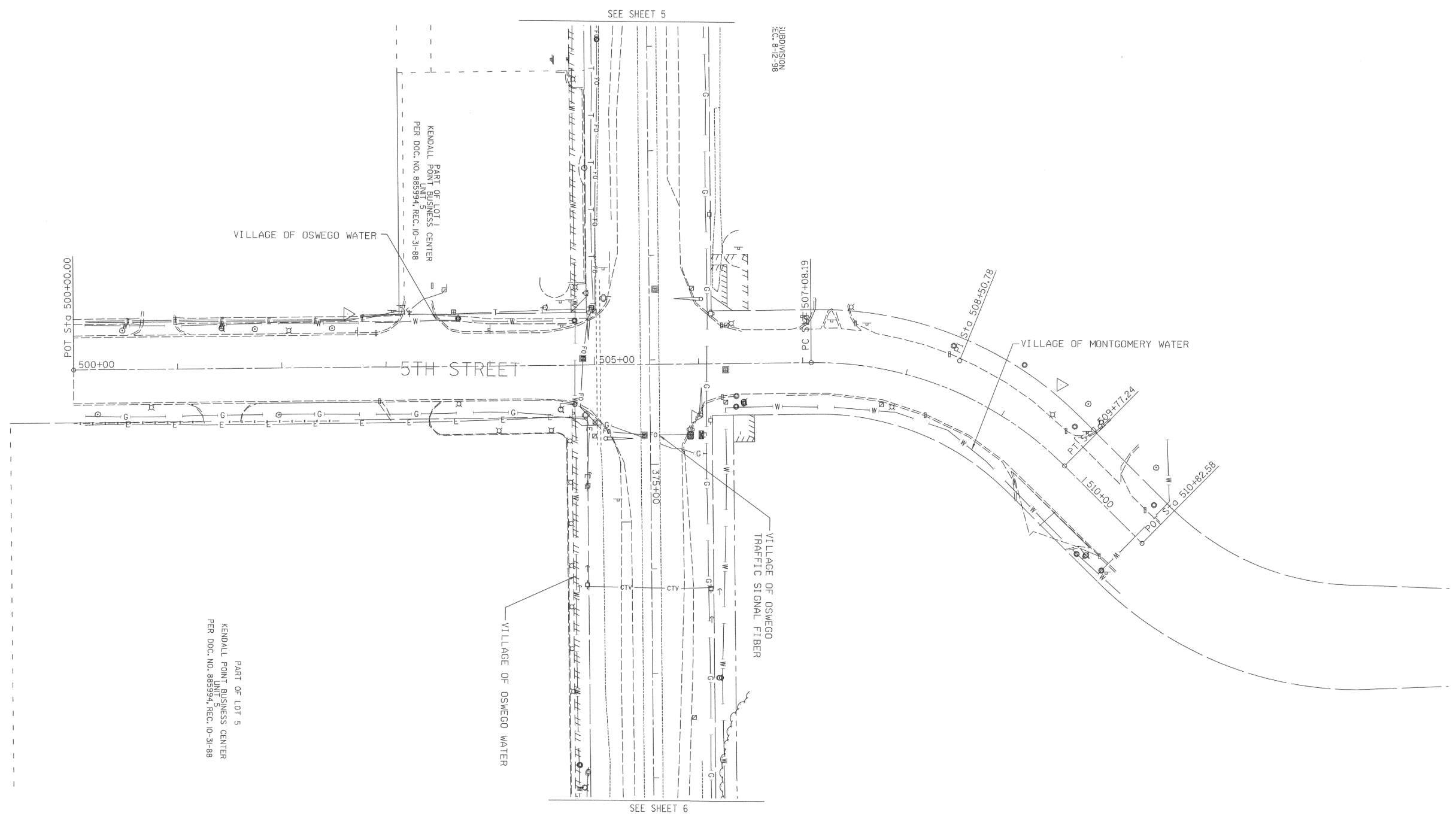
DESIGNED LP	REVISED
DRAWN KLC	REVISED
CHECKED KFS	REVISED
DATE 4/13/11	REVISED

STATE OF ILLINOIS
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US RT. 30 at Briarcliff Road to US RT. 34
Montgomery, IL

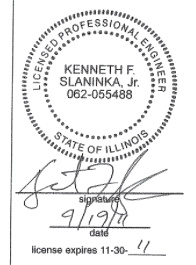
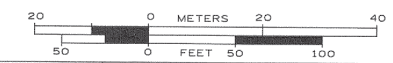
F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	11WRS-3	Kane/Kendall		
FED. ROAD DIST. No. ILLINOIS IDOT Project No.			Contract No. 60132	



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SUE Plan Page: 13 of 13

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DRAWN KLC	REVISED
CHECKED KFS	REVISED
DATE 4/13/11	REVISED

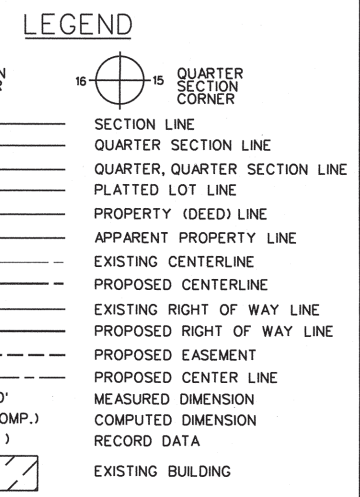
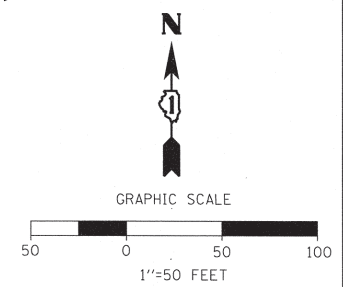
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Montgomery, IL

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	11WRS-3	Kane/Kendall		
Contract No. 60132				
FED. ROAD DIST. NO. ILLINOIS IDOT Project No.				

PART OF THE NE 1/4 OF SEC. 5 & NW 1/4 OF SEC. 4, T 37 N, R 8 E OF THE 3RD P.M., KENDALL COUNTY, ILLINOIS

PARCEL	OWNER	P.I.N.	TOTAL HOLDING	AREA TAKING	PREVIOUS DEDICATION	AREA REMAINING	EASEMENT AREA	EASEMENT PURPOSE	PROPERTY ACQUIRED BY
1BB3017TE	PAMELA K. MCCUSKER, A MARRIED WOMAN	03-05-231-017	0.669 ACS.	N.A.	N.A.	0.669 ACS.	0.024 ACS.	CONSTRUCT.	
1BB3018TE	OSWEGO LAND PARK DISTRICT, A MUNICIPAL CORPORATION	03-04-104-001	8.548 ACS.	N.A.	N.A.	8.548 ACS.	0.044 ACS.	CONSTRUCT.	
1BB0046TE	ROBERT A. MEHRENS & JO L. MEHRENS, HUSBAND & WIFE, AS JOINT TENANTS	03-05-229-013	0.466 ACS.	N.A.	N.A.	0.466 ACS.	0.013 ACS.	CONSTRUCT.	
1BB0047TE	JERRY L. MARSHALL & LOIS M. MARSHALL, IN JOINT TENANCY	03-04-151-001 03-04-151-002	0.693 ACS.	N.A.	N.A.	0.693 ACS.	0.012 ACS.	CONSTRUCT.	



BASIS OF BEARINGS:
BEARINGS ARE REFERENCED TO NAD 83 ILLINOIS STATE PLANE, EAST ZONE (1201)

COORDINATE VALUES
PROJECT COORDINATES ARE IN U.S. SURVEY FEET, SURFACE GROUND COORDINATES, AND CAN BE CONVERTED TO ILLINOIS STATE PLANE NAD 83, EAST ZONE (1201), COORDINATES BY MULTIPLYING THE PROJECT GROUND COORDINATES BY 0.99994281297-COMBINED FACTOR.

- IRON PIPE OR ROD FOUND
- MAG NAIL SET
- CUT CROSS FOUND OR SET
- 5/8" REBAR SET

T1 THESE STAKES REFERENCE FOUND OR SET MONUMENTATION.
T2 IRON ROD FLUSH WITH GROUND TO THE FOUND IRON STAKE, IDENTIFIED BY COLORED PLASTIC CAP BEARING SURVEYORS REGISTRATION NUMBER.
T3

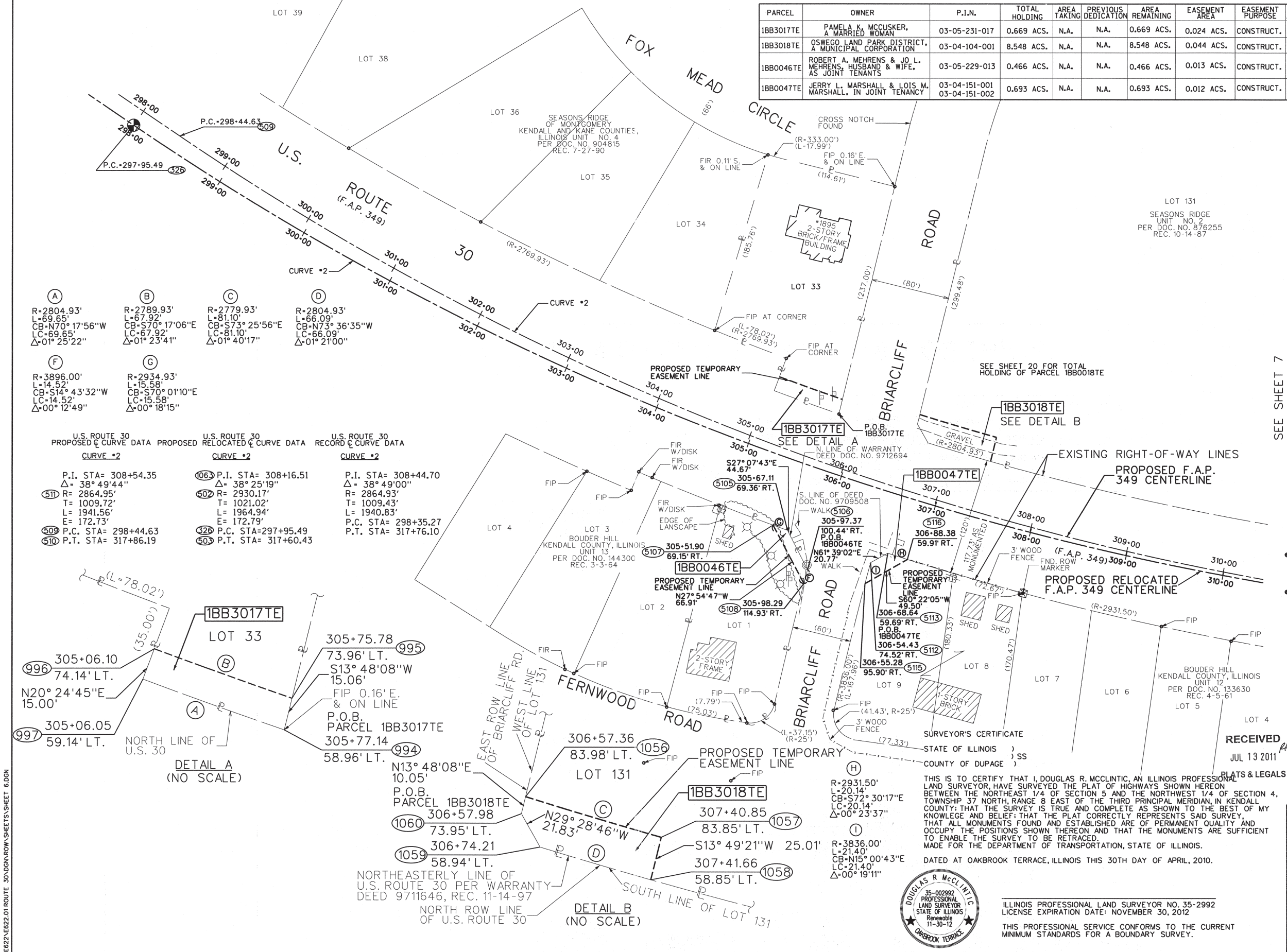
BT1 THESE STAKES, IN CULTIVATED AREAS, REFERENCE FOUND OR SET MONUMENTATION.
BT2 BURIED 5/8" IRON ROD 20 INCHES BELOW GROUND TO TIE FOUND IRON STAKE, IDENTIFIED BY COLORED PLASTIC CAP BEARING SURVEYORS REGISTRATION NUMBER.
BT3

S STAKING OF PROPOSED RIGHT OF WAY. MARKER TO MONUMENT THE POSITION SHOWN, IDENTIFIED BY INSCRIPTION DATA AND SURVEYORS REGISTRATION NUMBER.

M STAKING OF PROPOSED RIGHT OF WAY IN CULTIVATED AREAS. METAL ROD 20 INCHES BELOW GROUND TO MARK FUTURE SURVEY MARKER POSITION, IDENTIFIED BY COLORED PLASTIC CAP BEARING SURVEYORS REGISTRATION NUMBER.

PERMANENT SURVEY MARKER, I.D.O.T. STD. 2135 (TO BE SET BY OTHERS)

RIGHT OF WAY STAKING PROPOSED TO BE SET.



(A) R=2804.93'
L=69.65'
CB=N70°17'56"W
LC=69.65'
Δ=01°25'22"

(B) R=2789.93'
L=67.92'
CB=S70°17'06"E
LC=67.92'
Δ=01°23'41"

(C) R=2779.93'
L=81.10'
CB=S73°25'56"E
LC=81.10'
Δ=01°40'17"

(D) R=2804.93'
L=66.09'
CB=N73°36'35"W
LC=66.09'
Δ=01°21'00"

(F) R=3896.00'
L=14.52'
CB=S14°43'32"W
LC=14.52'
Δ=00°12'49"

(G) R=2934.93'
L=15.58'
CB=S70°01'10"E
LC=15.58'
Δ=00°18'15"

U.S. ROUTE 30 PROPOSED CURVE DATA

CURVE #2
P.I. STA= 308+54.35
Δ= 38°49'44"
R= 2864.95'
T= 1009.72'
L= 1941.56'
E= 172.73'
P.C. STA= 298+44.63
P.T. STA= 317+86.19

U.S. ROUTE 30 PROPOSED RELOCATED CURVE DATA

CURVE #2
P.I. STA= 308+16.51
Δ= 38°25'19"
R= 2930.17'
T= 1021.02'
L= 1964.94'
E= 172.79'
P.C. STA= 297+95.49
P.T. STA= 317+60.43

U.S. ROUTE 30 RECORD CURVE DATA

CURVE #2
P.I. STA= 308+44.70
Δ= 38°49'00"
R= 2864.93'
T= 1009.43'
L= 1940.83'
E= 172.73'
P.C. STA= 298+35.27
P.T. STA= 317+76.10

LOT 33
305+06.10
74.14' LT.
N20°24'45"E
15.00'

LOT 131
305+75.78
73.96' LT.
S13°48'08"W
15.06'

LOT 131
306+57.36
83.98' LT.
N29°28'46"W
21.83'

LOT 131
307+40.85
83.85' LT.
S13°49'21"W
25.01'

LOT 131
307+41.66
58.85' LT.

LOT 131
306+57.98
73.95' LT.

LOT 131
306+74.21
58.94' LT.

LOT 131
305+77.14
58.96' LT.

LOT 131
N13°48'08"E
10.05'
P.O.B. PARCEL 1BB3018TE

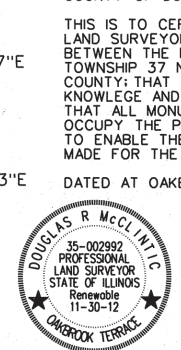
LOT 131
N29°28'46"W
21.83'

LOT 131
SOUTH LINE OF LOT 131

LOT 131
NORTH LINE OF U.S. ROUTE 30 PER WARRANTY DEED 9711646, REC. 11-14-97

LOT 131
NORTH ROW LINE OF U.S. ROUTE 30

H:\E\622\622.01\ROUTE 30\DONOR\SHEETS\SHEET 6.DGN



THIS IS TO CERTIFY THAT I, DOUGLAS R. McCLINTIC, AN ILLINOIS PROFESSIONAL LAND SURVEYOR, HAVE SURVEYED THE PLAT OF HIGHWAYS SHOWN HEREON BETWEEN THE NORTHEAST 1/4 OF SECTION 5 AND THE NORTHWEST 1/4 OF SECTION 4, TOWNSHIP 37 NORTH, RANGE 8 EAST OF THE THIRD PRINCIPAL MERIDIAN, IN KENDALL COUNTY; THAT THE SURVEY IS TRUE AND COMPLETE AS SHOWN TO THE BEST OF MY KNOWLEDGE AND BELIEF; THAT THE PLAT CORRECTLY REPRESENTS SAID SURVEY; THAT ALL MONUMENTS FOUND AND ESTABLISHED ARE OF PERMANENT QUALITY AND OCCUPY THE POSITIONS SHOWN THEREON AND THAT THE MONUMENTS ARE SUFFICIENT TO ENABLE THE SURVEY TO BE RETRACED.

MADE FOR THE DEPARTMENT OF TRANSPORTATION, STATE OF ILLINOIS.

DATED AT OAKBROOK TERRACE, ILLINOIS THIS 30TH DAY OF APRIL, 2010.

ILLINOIS PROFESSIONAL LAND SURVEYOR NO. 35-2992
LICENSE EXPIRATION DATE: NOVEMBER 30, 2012

THIS PROFESSIONAL SERVICE CONFORMS TO THE CURRENT MINIMUM STANDARDS FOR A BOUNDARY SURVEY.

RECEIVED
JUL 13 2011

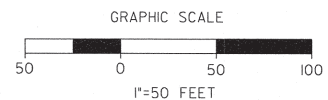
JACOB & HEFNER ASSOCIATES, INC.
ENGINEERS - SURVEYORS
1901 S. Meyers Road, Suite 180
Oakbrook Terrace, IL 60181
(630) 682-4800

PLAT OF HIGHWAYS
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION
U.S. ROUTE 30

SECTION: IL 31 TO U.S. 34 COUNTY: KENDALL
PROJECT: JOB NO.: R-91-014-95
STATION: 298+00 TO STATION: 310+00
SCALE: 1"=50' SHEET 6 OF 25

BUREAU OF LAND ACQUISITION
201 WEST CENTER COURT
SCHAUMBURG, ILLINOIS 60196

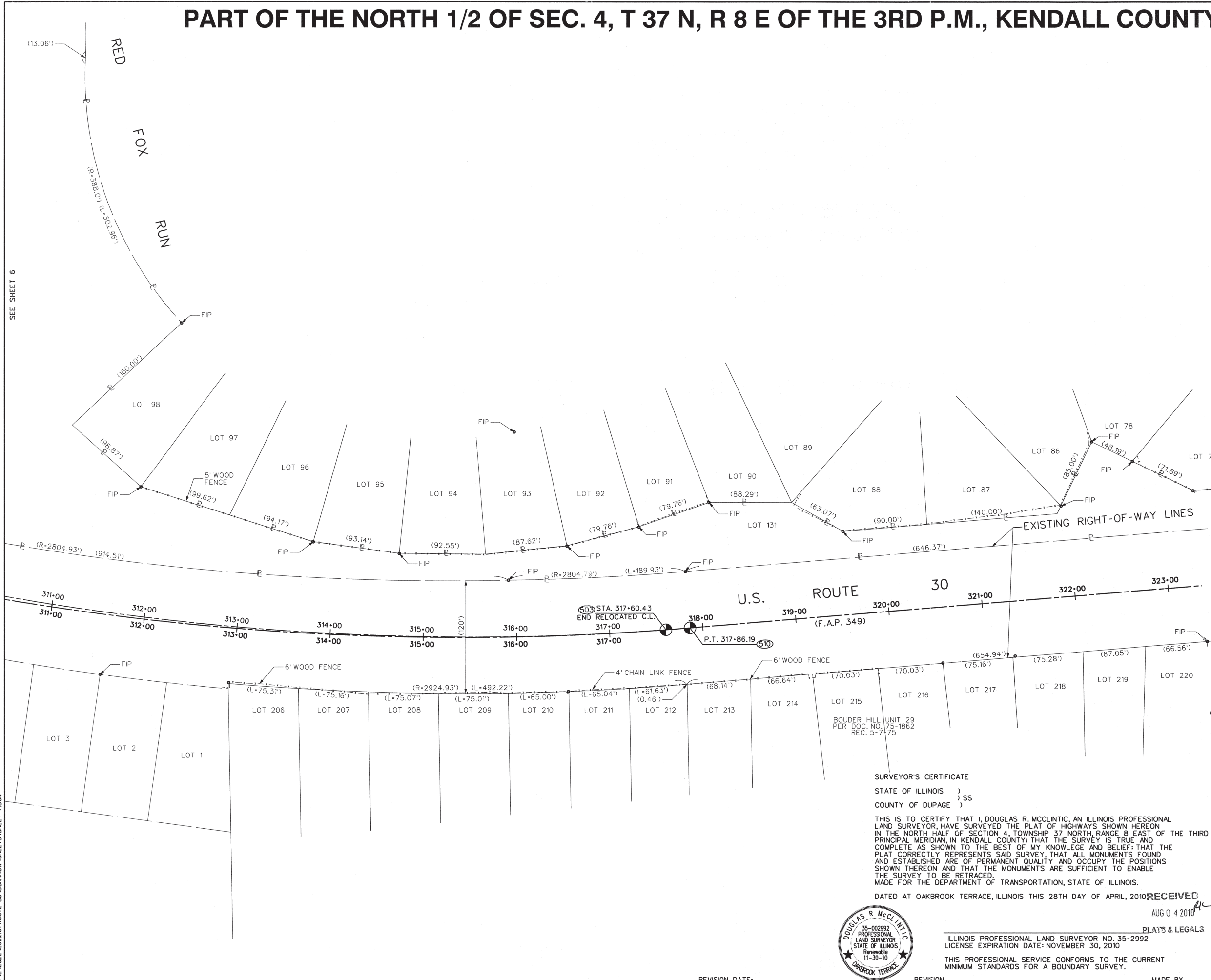
PART OF THE NORTH 1/2 OF SEC. 4, T 37 N, R 8 E OF THE 3RD P.M., KENDALL COUNTY, ILLINOIS



LEGEND

- SECTION CORNER
- QUARTER SECTION CORNER
- SECTION LINE
- QUARTER SECTION LINE
- PLATTED LOT LINE
- PROPERTY (DEED) LINE
- APPARENT PROPERTY LINE
- CENTER LINE
- EXISTING RIGHT OF WAY LINE
- PROPOSED RIGHT OF WAY LINE
- PROPOSED EASEMENT
- PROPOSED CENTER LINE
- MEASURED DIMENSION
- COMPUTED DIMENSION
- RECORD DATA
- EXISTING BUILDING

- BASIS OF BEARINGS:**
BEARINGS ARE REFERENCED TO NAD 83 ILLINOIS STATE PLANE, EAST ZONE (1201)
- COORDINATE VALUES**
PROJECT COORDINATES ARE IN U.S. SURVEY FEET. SURFACE GROUND COORDINATES, AND CAN BE CONVERTED TO ILLINOIS STATE PLANE NAD 83, EAST ZONE (1201), COORDINATES BY MULTIPLYING THE PROJECT GROUND COORDINATES BY 0.99994281297-COMBINED FACTOR.
- IRON PIPE OR ROD FOUND
 - MAG NAIL SET
 - CUT CROSS FOUND OR SET
 - 5/8" REBAR SET
 - THESE STAKES REFERENCE FOUND OR SET MONUMENTATION. IRON ROD FLUSH WITH GROUND TO TIE FOUND IRON STAKE, IDENTIFIED BY COLORED PLASTIC CAP BEARING SURVEYORS REGISTRATION NUMBER.
 - THESE STAKES, IN CULTIVATED AREAS, REFERENCE FOUND OR SET MONUMENTATION. BURIED 5/8" IRON ROD 20 INCHES BELOW GROUND TO TIE FOUND IRON STAKE, IDENTIFIED BY COLORED PLASTIC CAP BEARING SURVEYORS REGISTRATION NUMBER.
 - STAKING OF PROPOSED RIGHT OF WAY. MARKER TO MONUMENT THE POSITION SHOWN, IDENTIFIED BY INSCRIPTION DATA AND SURVEYORS REGISTRATION NUMBER.
 - STAKING OF PROPOSED RIGHT OF WAY IN CULTIVATED AREAS. METAL ROD 20 INCHES BELOW GROUND TO MARK FUTURE SURVEY MARKER POSITION, IDENTIFIED BY COLORED PLASTIC CAP BEARING SURVEYORS REGISTRATION NUMBER.
 - PERMANENT SURVEY MARKER, I.D.O.T. STD. 2135 (TO BE SET BY OTHERS)
 - RIGHT OF WAY STAKING PROPOSED TO BE SET.



SEE SHEET 6

SEE SHEET 8

SURVEYOR'S CERTIFICATE

STATE OF ILLINOIS)
COUNTY OF DUPAGE)

THIS IS TO CERTIFY THAT I, DOUGLAS R. MCCLINTIC, AN ILLINOIS PROFESSIONAL LAND SURVEYOR, HAVE SURVEYED THE PLAT OF HIGHWAYS SHOWN HEREON IN THE NORTH HALF OF SECTION 4, TOWNSHIP 37 NORTH, RANGE 8 EAST OF THE THIRD PRINCIPAL MERIDIAN, IN KENDALL COUNTY; THAT THE SURVEY IS TRUE AND COMPLETE AS SHOWN TO THE BEST OF MY KNOWLEDGE AND BELIEF; THAT THE PLAT CORRECTLY REPRESENTS SAID SURVEY, THAT ALL MONUMENTS FOUND AND ESTABLISHED ARE OF PERMANENT QUALITY AND OCCUPY THE POSITIONS SHOWN THEREON AND THAT THE MONUMENTS ARE SUFFICIENT TO ENABLE THE SURVEY TO BE RETRACED.
MADE FOR THE DEPARTMENT OF TRANSPORTATION, STATE OF ILLINOIS.

DATED AT OAKBROOK TERRACE, ILLINOIS THIS 28TH DAY OF APRIL, 2010



ILLINOIS PROFESSIONAL LAND SURVEYOR NO. 35-2992
LICENSE EXPIRATION DATE: NOVEMBER 30, 2010

THIS PROFESSIONAL SERVICE CONFORMS TO THE CURRENT MINIMUM STANDARDS FOR A BOUNDARY SURVEY.

JACOB & HEFNER ASSOCIATES, INC.
ENGINEERS - SURVEYORS
1901 S. Meyers Road, Suite 180
Oakbrook Terrace, IL 60181
(630) 652-4800

PLAT OF HIGHWAYS
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION
U.S. ROUTE 30

SECTION: IL 31 TO U.S. 34 COUNTY: KENDALL
PROJECT: JOB NO.: R-91-014-95
STATION: 311+00 TO STATION: 323+00
SCALE: 1"=50' SHEET 7 OF 20

BUREAU OF LAND ACQUISITION
201 WEST CENTER COURT
SCHAUMBURG, ILLINOIS 60196