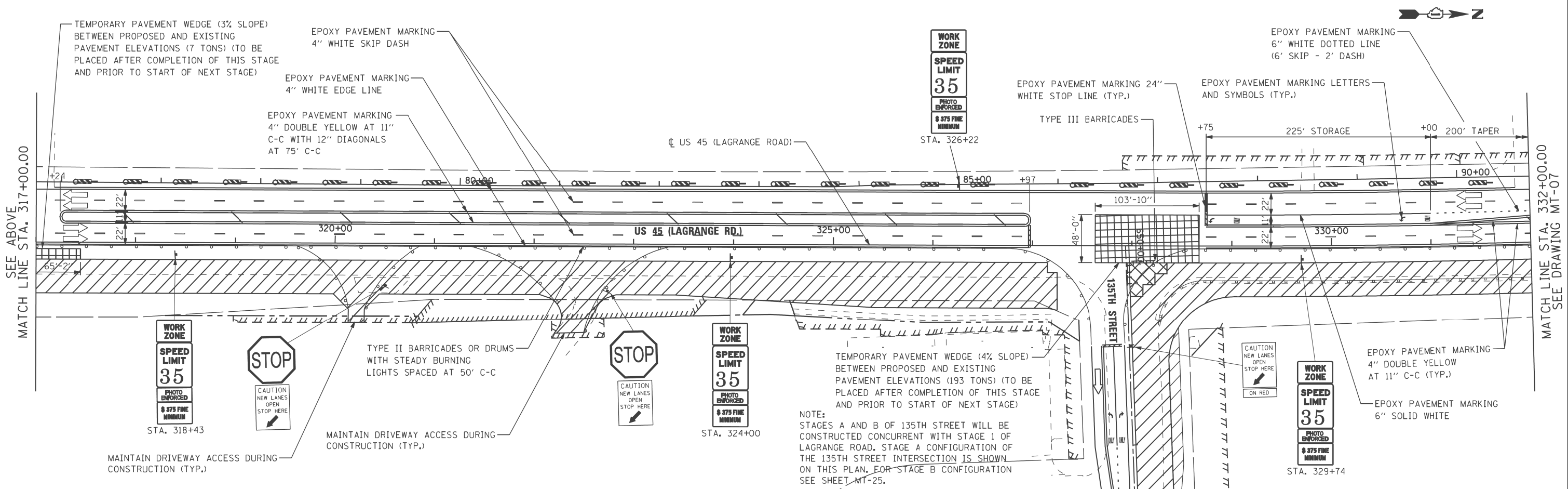
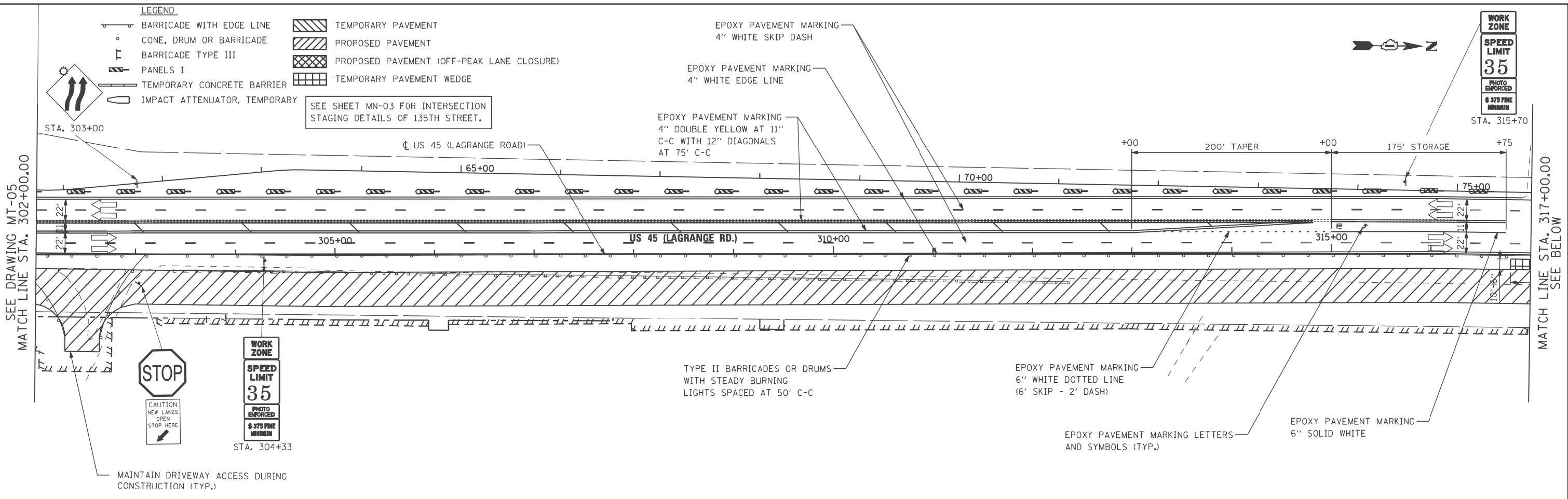


- LEGEND**
- BARRICADE WITH EDGE LINE
 - CONE, DRUM OR BARRICADE
 - BARRICADE TYPE III
 - PANELS I
 - TEMPORARY CONCRETE BARRIER
 - IMPACT ATTENUATOR, TEMPORARY
 - TEMPORARY PAVEMENT
 - PROPOSED PAVEMENT
 - PROPOSED PAVEMENT (OFF-PEAK LANE CLOSURE)
 - TEMPORARY PAVEMENT WEDGE

SEE SHEET MN-03 FOR INTERSECTION STAGING DETAILS OF 135TH STREET.



NOTE:
 STAGES A AND B OF 135TH STREET WILL BE CONSTRUCTED CONCURRENT WITH STAGE 1 OF LAGRANGE ROAD. STAGE A CONFIGURATION OF THE 135TH STREET INTERSECTION IS SHOWN ON THIS PLAN. FOR STAGE B CONFIGURATION SEE SHEET MT-25.

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 FAX (312) 935-4998



FILE NAME = P:\P-12-9\50_1DOT-URS_US 45 (Lagrange Rd)\North Segment_60M62\Design\Sh\160M62-SHT-DRAWING\06.dgn	USER NAME = habdel10	DESIGNED - TRK	REVISED -
PLOT SCALE = #SCALE#	CHECKED - MJT	REVISIED -	REVISIED -
SHT_DOUBLE PLAN	DATE - 03/13/13	REVISIED -	REVISIED -

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

**MAINTENANCE OF TRAFFIC STAGE 1 PLAN
 US 45 (LAGRANGE ROAD)**
 SCALE: 1"=50' SHEET STA. 302+00.00 TO STA. 332+00.00

F.A.P. RTE. 330	SECTION 103R-5	COUNTY COOK	TOTAL SHEETS 778	SHEET NO. 101
MT-06		CONTRACT NO.		
ILLINOIS FED. AID PROJECT				

LEGEND

- BARRICADE WITH EDGE LINE
- CONE, DRUM OR BARRICADE
- BARRICADE TYPE III
- PANELS I
- TEMPORARY CONCRETE BARRIER
- IMPACT ATTENUATOR, TEMPORARY
- TEMPORARY PAVEMENT
- PROPOSED PAVEMENT
- PROPOSED PAVEMENT (OFF-PEAK LANE CLOSURE)
- TEMPORARY PAVEMENT WEDGE

•• TEMPORARY PAVEMENT WEDGE (3% MAX SLOPE) BETWEEN PROPOSED AND EXISTING PAVEMENT ELEVATIONS (26 TONS) (PLACED IN SEGMENTS DURING STAGE 1A, 1B, 1C, & 1D)

CARL SANDBURG HIGH SCHOOL BUILDING

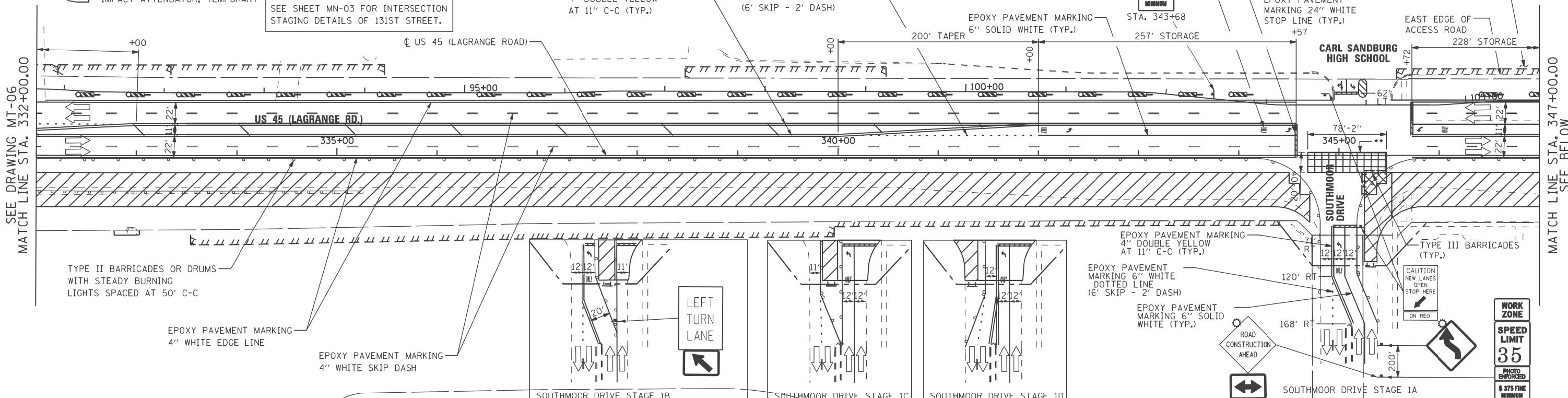
WORK ZONE
SPEED LIMIT 35
PHOTO ENFORCED
\$ 375 FINE MINIMUM



NOTE: CONTRACTOR SHALL MAINTAIN TWO LANES OF TRAFFIC ON ACCESS ROAD AT ALL TIMES DURING CONSTRUCTION. SEE COMMITMENT NOTE ON SHEET GN-01.

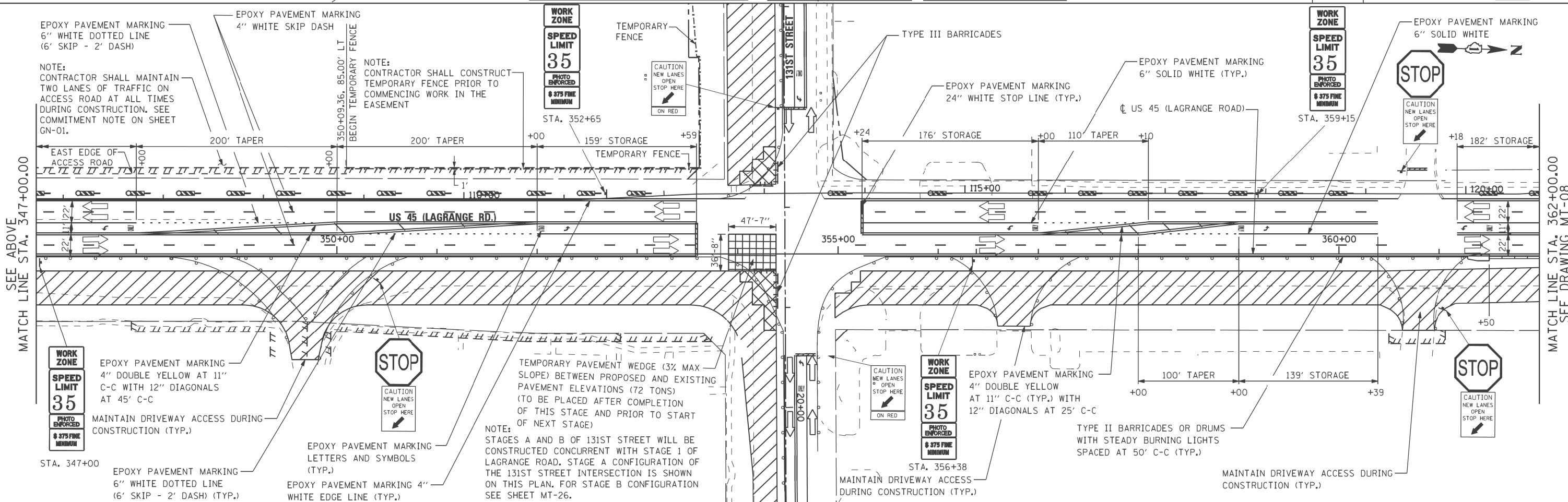
SEE DRAWING MT-06
MATCH LINE STA. 332+00.00

MATCH LINE STA. 347+00.00
SEE BELOW



SEE ABOVE
MATCH LINE STA. 347+00.00

MATCH LINE STA. 362+00.00
SEE DRAWING MT-08



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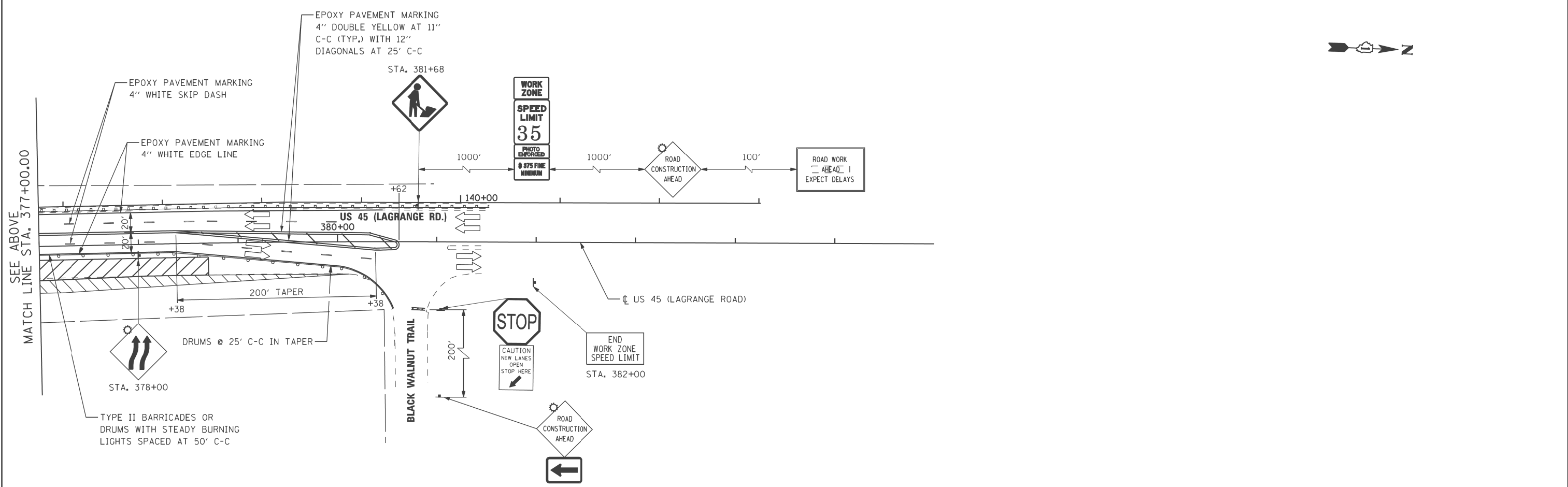
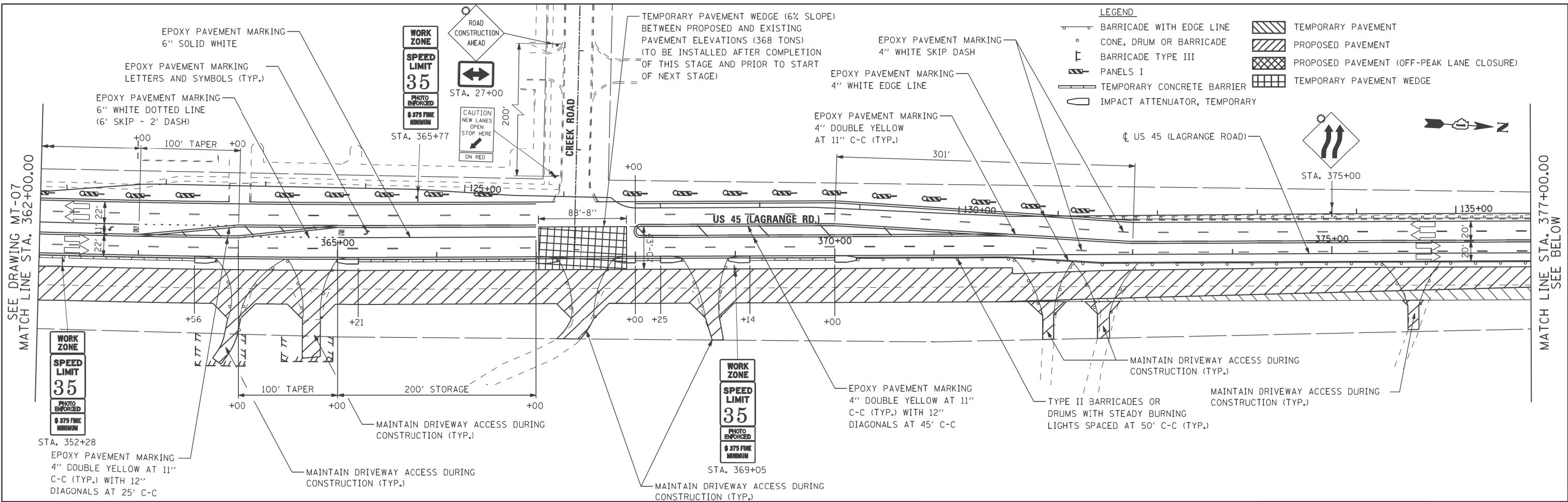
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PLOT SCALE = #SCALE#		CHECKED - MJT	REVISED -
SHT_DOUBLE PLAN	PLOT DATE = 2/1/2013	DATE - 03/13/13	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**MAINTENANCE OF TRAFFIC STAGE 1 PLAN
US 45 (LAGRANGE ROAD)**

SCALE: 1"=50' SHEET STA. 332+00.00 TO STA. 362+00.00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
330	103R-5	COOK	778	102
MT-07			CONTRACT NO.	
ILLINOIS FED. AID PROJECT				



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FILE NAME =	USER NAME = hbdell	DESIGNED - TRK	REVISED -
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SHT_DOUBLE PLAN	DATE - 03/13/13		REVISED -

STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

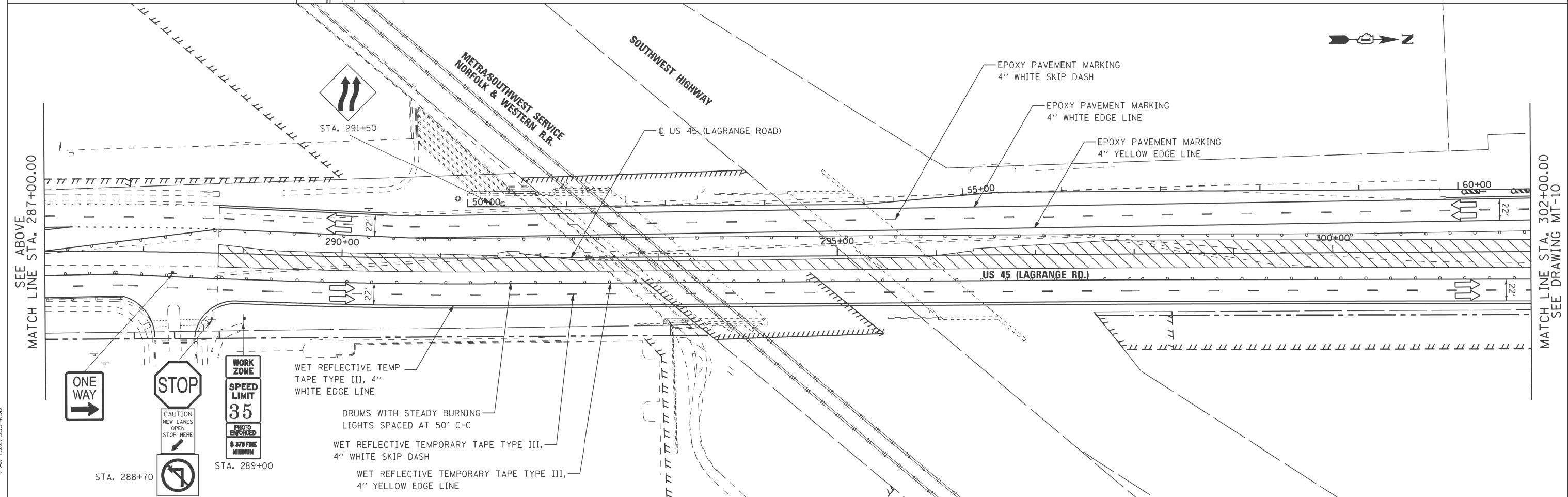
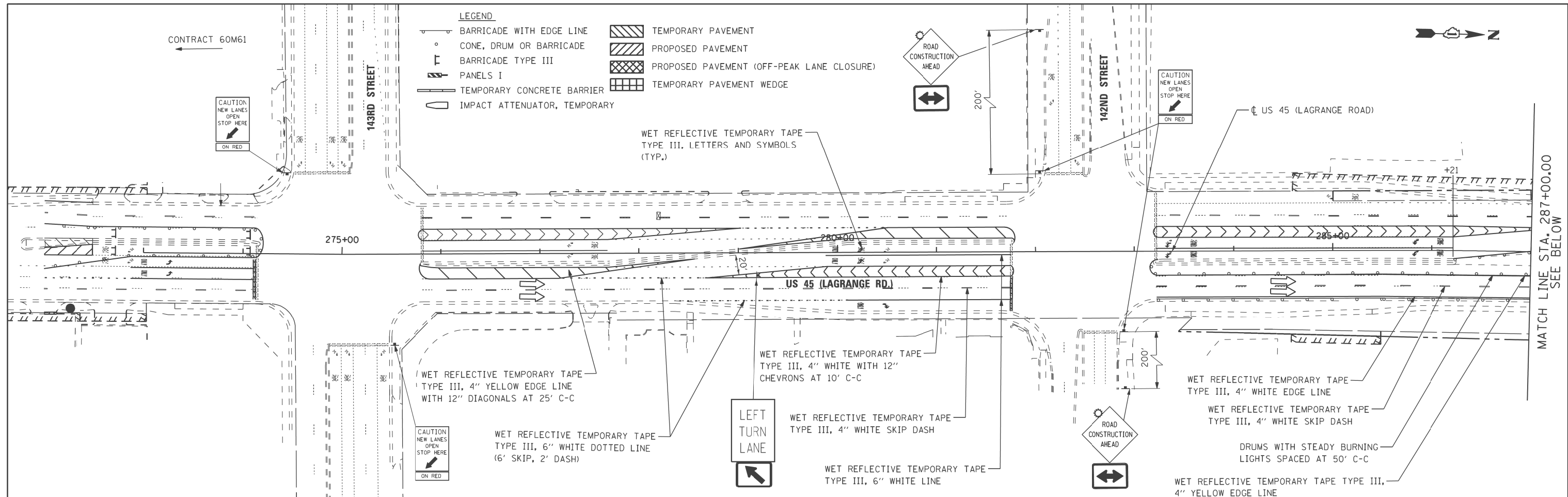
MAINTENANCE OF TRAFFIC STAGE 1 PLAN
 US 45 (LAGRANGE ROAD)

SCALE: 1"=50' SHEET STA. 362+00.00 TO STA. END

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
330	103R-5	COOK	778	103
MT-08			CONTRACT NO.	
ILLINOIS FED. AID PROJECT				

CONTRACT 60M61

- LEGEND**
- BARRICADE WITH EDGE LINE
 - CONE, DRUM OR BARRICADE
 - BARRICADE TYPE III
 - PANELS I
 - TEMPORARY CONCRETE BARRIER
 - IMPACT ATTENUATOR, TEMPORARY
 - TEMPORARY PAVEMENT
 - PROPOSED PAVEMENT
 - PROPOSED PAVEMENT (OFF-PEAK LANE CLOSURE)
 - TEMPORARY PAVEMENT WEDGE



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1000 NORTH STATE ST.
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FILE NAME = P:\P-12-9\50_1DOT-URS-US 45 (Lagrange Rd)\North Segment_60M62\Design\Sh\160M62-SHT-DRAWING\09.dgn	USER NAME = habdel10	DESIGNED - TRK	REVISED -
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SHT_DOUBLE PLAN		DATE - 03/13/13	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

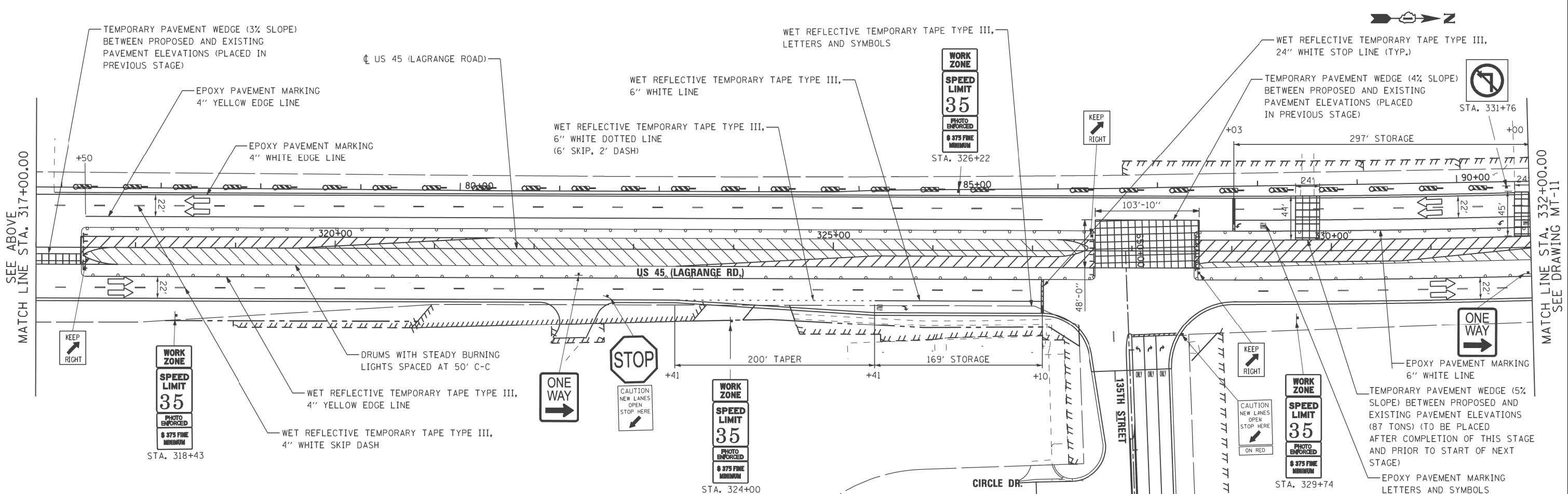
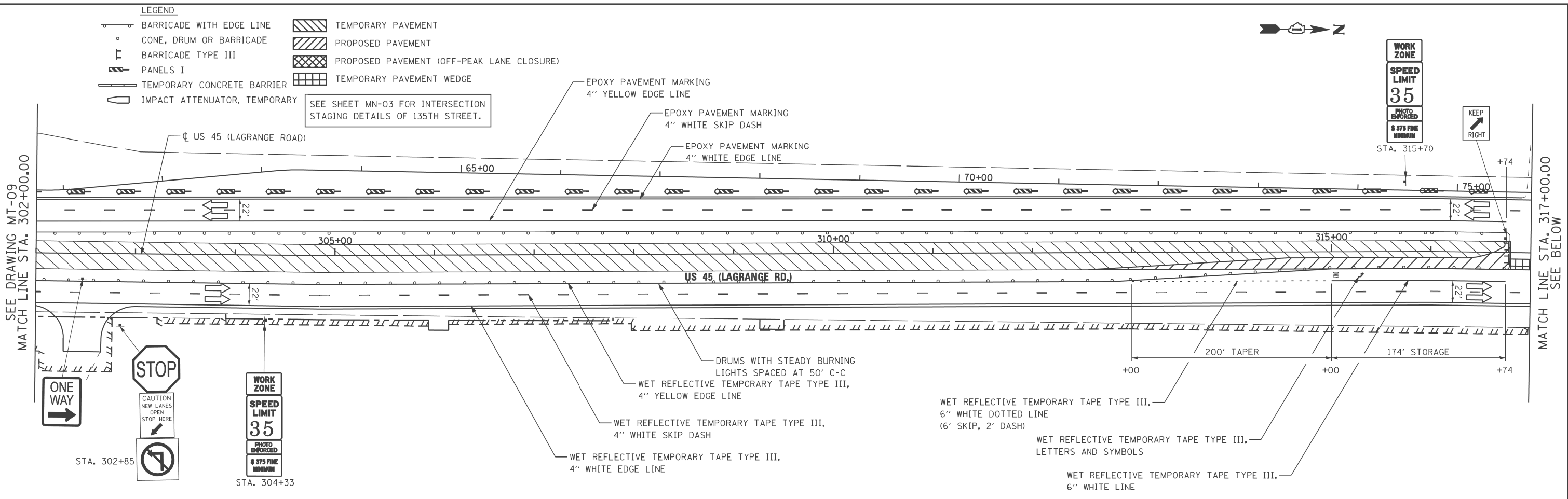
**MAINTENANCE OF TRAFFIC STAGE 2 PLAN
US 45 (LAGRANGE ROAD)**

SCALE: 1"=50' SHEET STA. BEGIN TO STA. 302+00.00

F.A.P. RTE. 330	SECTION 103R-5	COUNTY COOK	TOTAL SHEETS 778	SHEET NO. 104
MT-09			CONTRACT NO.	
ILLINOIS FED. AID PROJECT				

- LEGEND**
- BARRICADE WITH EDGE LINE
 - CONE, DRUM OR BARRICADE
 - BARRICADE TYPE III
 - PANELS I
 - TEMPORARY CONCRETE BARRIER
 - IMPACT ATTENUATOR, TEMPORARY
 - TEMPORARY PAVEMENT
 - PROPOSED PAVEMENT
 - PROPOSED PAVEMENT (OFF-PEAK LANE CLOSURE)
 - TEMPORARY PAVEMENT WEDGE

SEE SHEET MN-03 FOR INTERSECTION STAGING DETAILS OF 135TH STREET.



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FILE NAME =	USER NAME = hbdell	DESIGNED - TRK	REVISED -
P:\P-12-9\150_1DOT-URS_US 45 (Lagrange Rd) North Segment_60M62\Design\Sh\160M62-SHT-DRAWING110.dgn		TRK	REVISED -
PLOT SCALE = #SCALE#	CHECKED - MJT		REVISED -
SHT_DOUBLE PLAN	DATE - 03/13/13		REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

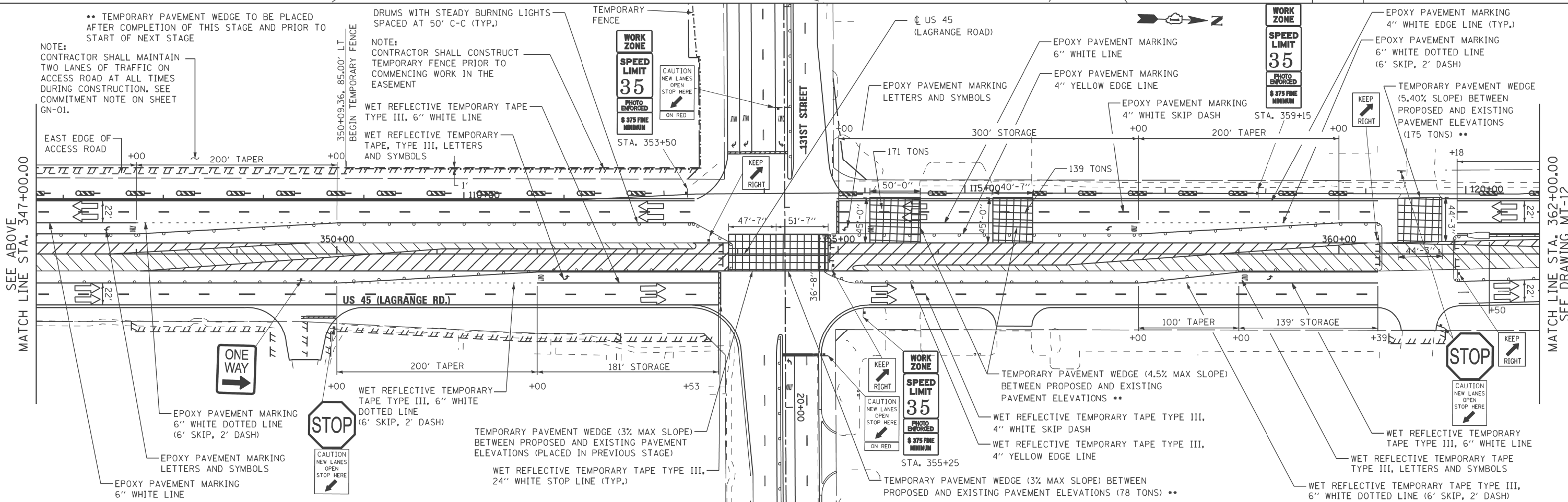
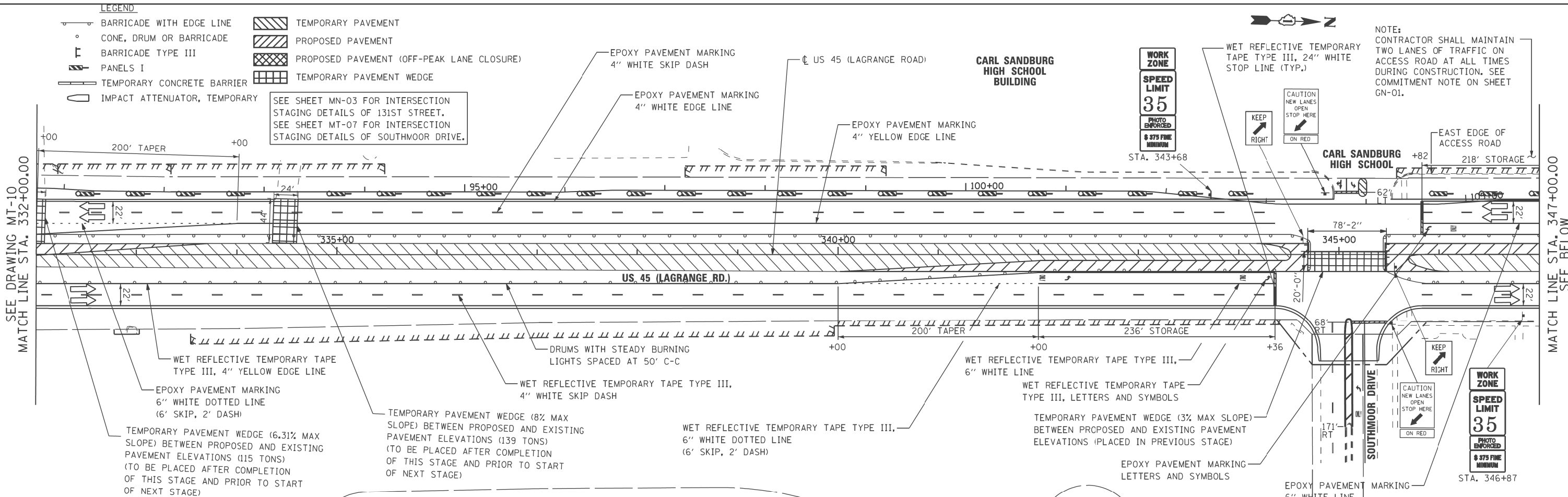
**MAINTENANCE OF TRAFFIC STAGE 2 PLAN
US 45 (LAGRANGE ROAD)**

SCALE: 1"=50' SHEET STA. 302+00.00 TO STA. 332+00.00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
330	103R-5	COOK	778	105
MT-10			CONTRACT NO.	
ILLINOIS FED. AID PROJECT				

- LEGEND**
- BARRICADE WITH EDGE LINE
 - CONE, DRUM OR BARRICADE
 - BARRICADE TYPE III
 - PANELS I
 - TEMPORARY CONCRETE BARRIER
 - IMPACT ATTENUATOR, TEMPORARY
 - TEMPORARY PAVEMENT
 - PROPOSED PAVEMENT
 - PROPOSED PAVEMENT (OFF-PEAK LANE CLOSURE)
 - TEMPORARY PAVEMENT WEDGE

SEE SHEET MN-03 FOR INTERSECTION STAGING DETAILS OF 131ST STREET.
SEE SHEET MT-07 FOR INTERSECTION STAGING DETAILS OF SOUTHMOOR DRIVE.



NOTE: CONTRACTOR SHALL MAINTAIN TWO LANES OF TRAFFIC ON ACCESS ROAD AT ALL TIMES DURING CONSTRUCTION. SEE COMMITMENT NOTE ON SHEET GN-01.

NOTE: CONTRACTOR SHALL MAINTAIN TWO LANES OF TRAFFIC ON ACCESS ROAD AT ALL TIMES DURING CONSTRUCTION. SEE COMMITMENT NOTE ON SHEET GN-01.

NOTE: CONTRACTOR SHALL CONSTRUCT TEMPORARY FENCE PRIOR TO COMMENCING WORK IN THE EASEMENT

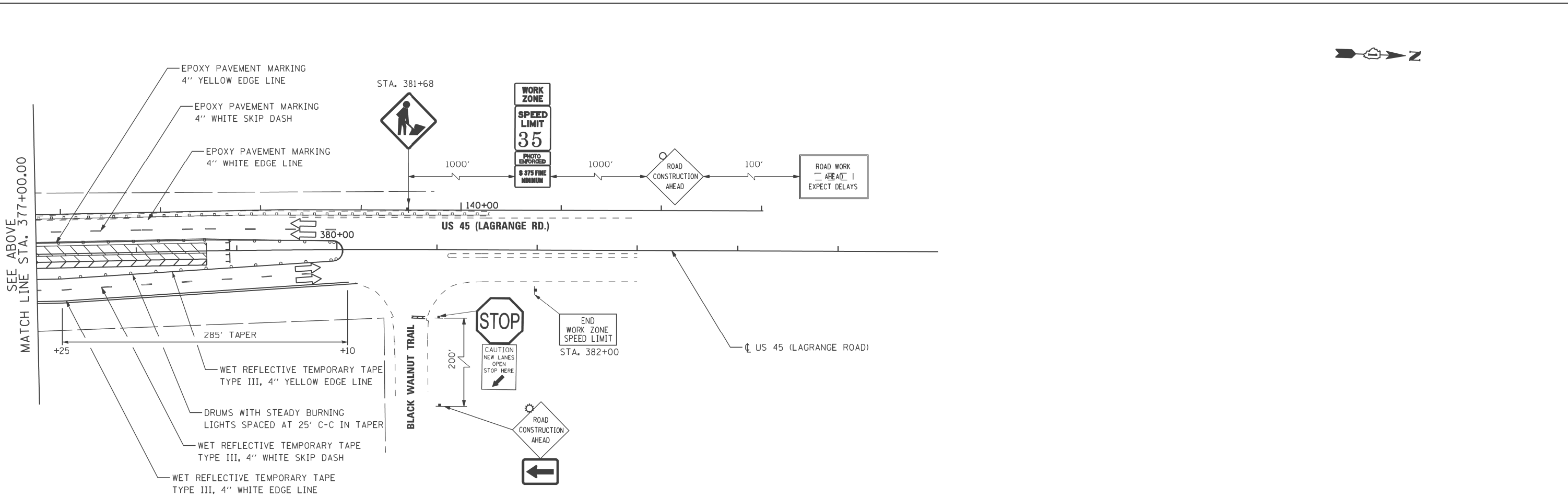
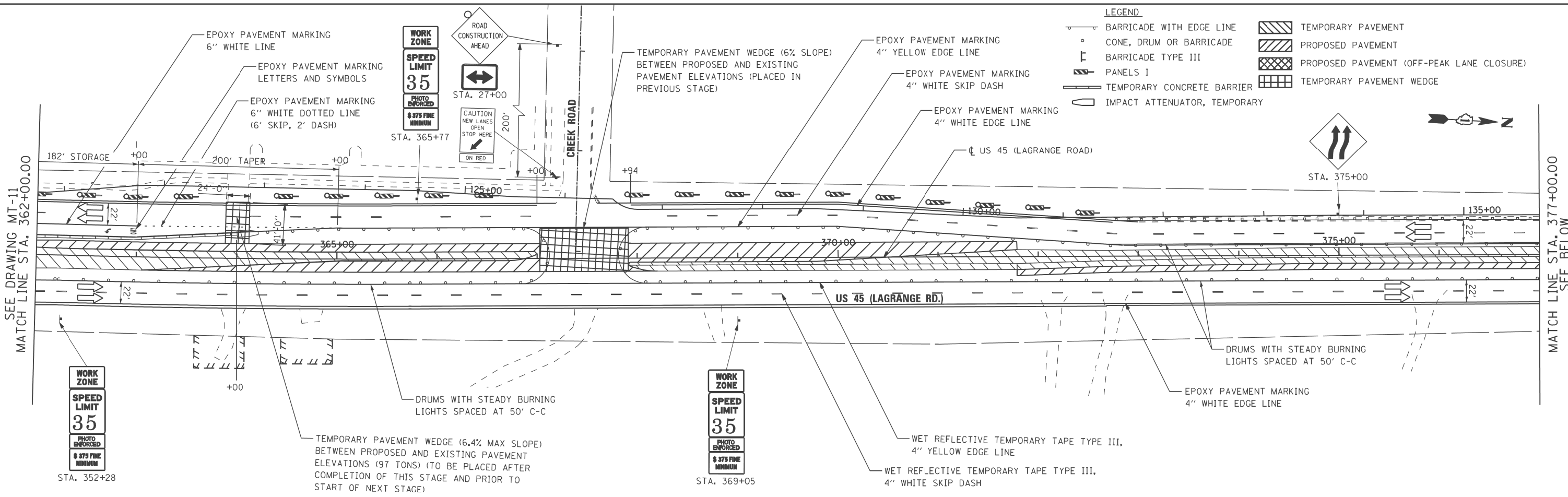
TEMPORARY PAVEMENT WEDGE (4.5% MAX SLOPE) BETWEEN PROPOSED AND EXISTING PAVEMENT ELEVATIONS **

TEMPORARY PAVEMENT WEDGE (3% MAX SLOPE) BETWEEN PROPOSED AND EXISTING PAVEMENT ELEVATIONS (78 TONS) **

100 S. WACKER DR.
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FILE NAME =	USER NAME = haddell	DESIGNED - TRK	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	MAINTENANCE OF TRAFFIC STAGE 2 PLAN US 45 (LAGRANGE ROAD)		F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
P:\P-12-9\150-100T-URS-US 45 (Lagrange Rd)\North Segment_60M62\Design\Sh\1160M62-SH11.dgn	DRAWN G111.dgn	TRK	REVISED -		SCALE: 1"=50'	SHEET	STA. 332+00.00 TO STA. 362+00.00	330	103R-5	COOK	778
PLOT SCALE = #SCALE#	CHECKED - MJT	DATE - 03/13/13	REVISED -				MT-11		CONTRACT NO.		
SHT_DOUBLE PLAN	PLOT DATE = 2/1/2013	DATE - 03/13/13	REVISED -				ILLINOIS FED. AID PROJECT				



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CHICAGO, IL 60606
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FAX (312) 935-4998



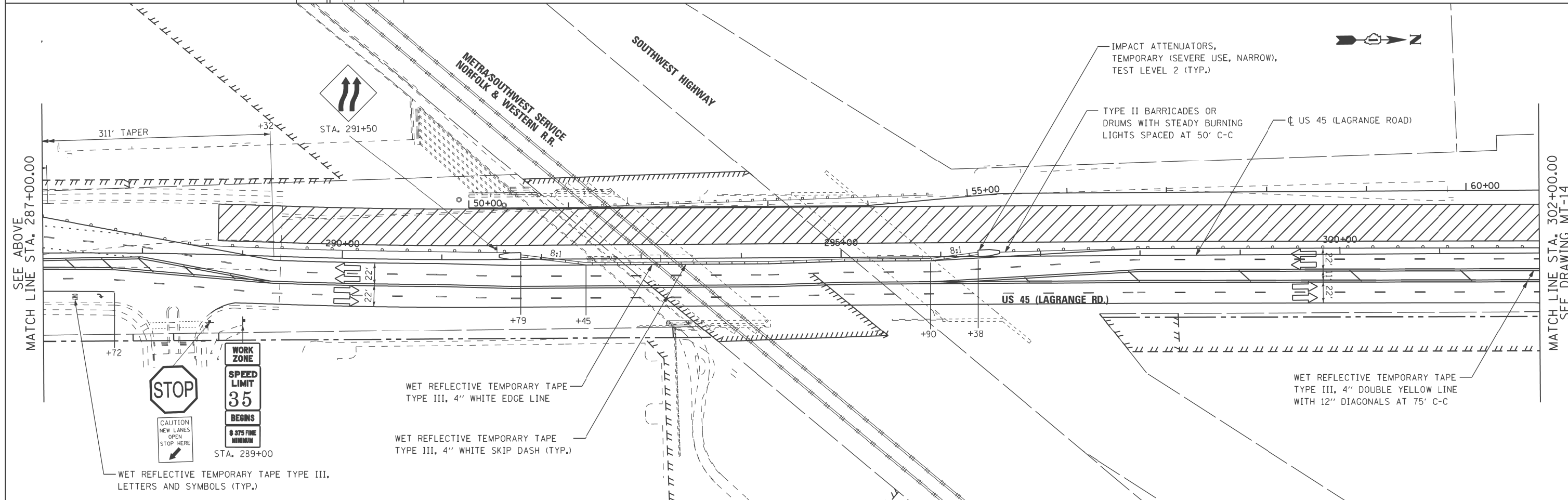
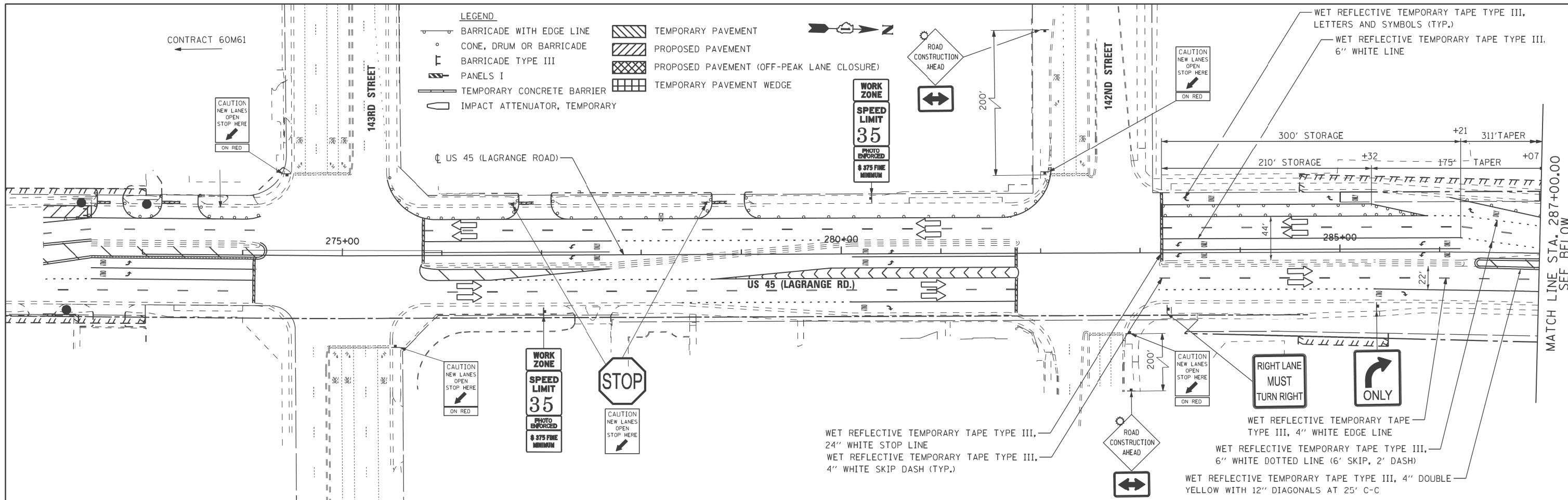
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SHT_DOUBLE PLAN	PLOT DATE = 2/1/2013	DATE - 03/13/13	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

MAINTENANCE OF TRAFFIC STAGE 2 PLAN
US 45 (LAGRANGE ROAD)

SCALE: 1"=50' SHEET STA. 362+00.00 TO STA. END

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
330	103R-5	COOK	778	107
MT-12			CONTRACT NO.	
ILLINOIS FED. AID PROJECT				



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 SUITE 500
 CHICAGO, IL 60606
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FILE NAME =	USER NAME = hbdell	DESIGNED - TRK	REVISED -
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SHT_DOUBLE PLAN	DATE - 03/13/13	REVISED -	

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

**MAINTENANCE OF TRAFFIC STAGE 3 PLAN
 US 45 (LAGRANGE ROAD)**

SCALE: 1"=50' SHEET STA. BEGIN TO STA. 302+00.00

F.A.P. RTE. 330	SECTION 103R-5	COUNTY COOK	TOTAL SHEETS 778	SHEET NO. 108
MT-13		CONTRACT NO.		
ILLINOIS FED. AID PROJECT				

- LEGEND**
- BARRICADE WITH EDGE LINE
 - CONE, DRUM OR BARRICADE
 - BARRICADE TYPE III
 - PANELS I
 - TEMPORARY CONCRETE BARRIER
 - IMPACT ATTENUATOR, TEMPORARY
 - TEMPORARY PAVEMENT
 - PROPOSED PAVEMENT
 - PROPOSED PAVEMENT (OFF-PEAK LANE CLOSURE)
 - TEMPORARY PAVEMENT WEDGE

SEE SHEET MN-03 FOR INTERSECTION STAGING DETAILS OF 135TH STREET.

TYPE II BARRICADES OR DRUMS WITH STEADY BURNING LIGHTS SPACED AT 50' C-C

WET REFLECTIVE TEMPORARY TAPE TYPE III, 4" WHITE EDGE LINE

WET REFLECTIVE TEMPORARY TAPE TYPE III, 4" WHITE SKIP DASH (TYP.)

WET REFLECTIVE TEMPORARY TAPE TYPE III, 4" DOUBLE YELLOW LINE

WET REFLECTIVE TEMPORARY TAPE TYPE III, 6" WHITE DOTTED LINE (6' SKIP, 2' DASH)

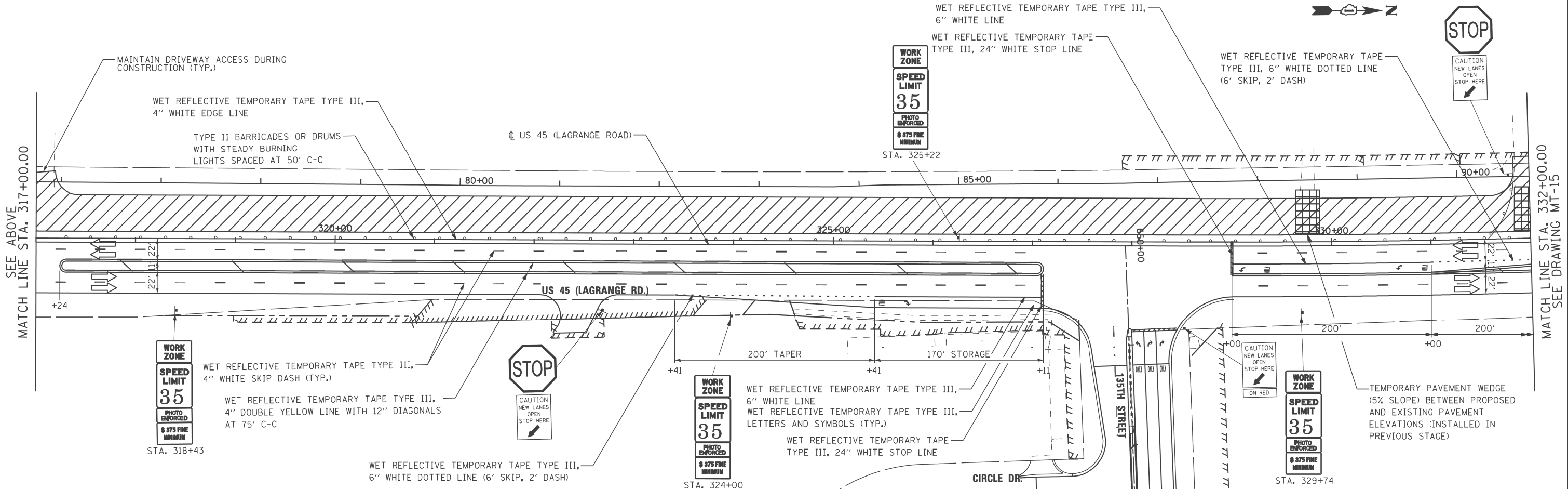
WET REFLECTIVE TEMPORARY TAPE TYPE III, 6" WHITE LINE

WET REFLECTIVE TEMPORARY TAPE TYPE III, LETTERS AND SYMBOLS (TYP.)

WORK ZONE
SPEED LIMIT 35
 PHOTO ENFORCED
 \$ 375 FINE MINIMUM

SEE DRAWING MT-13
 MATCH LINE STA. 302+00.00

MATCH LINE STA. 317+00.00
 SEE BELOW



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FILE NAME =	USER NAME = hbdell	DESIGNED - TRK	REVISED -
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PLOT SCALE = #SCALE#		CHECKED - MJT	REVISED -
SHT_DOUBLE PLAN	PLOT DATE = 2/1/2013	DATE - 03/13/13	REVISED -

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

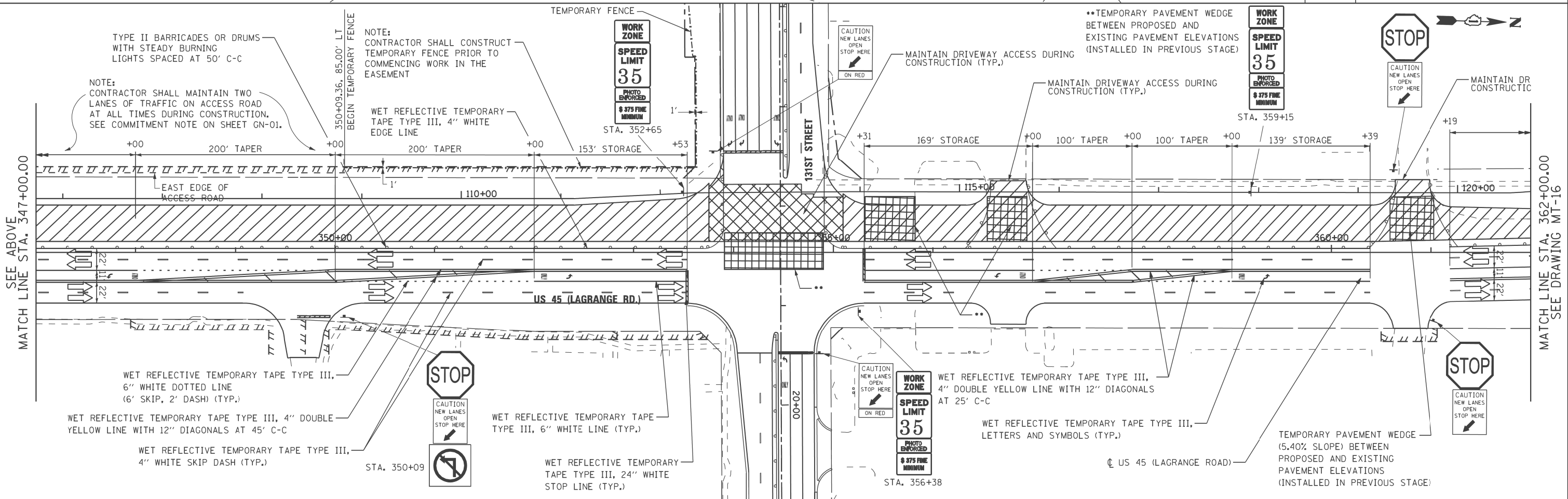
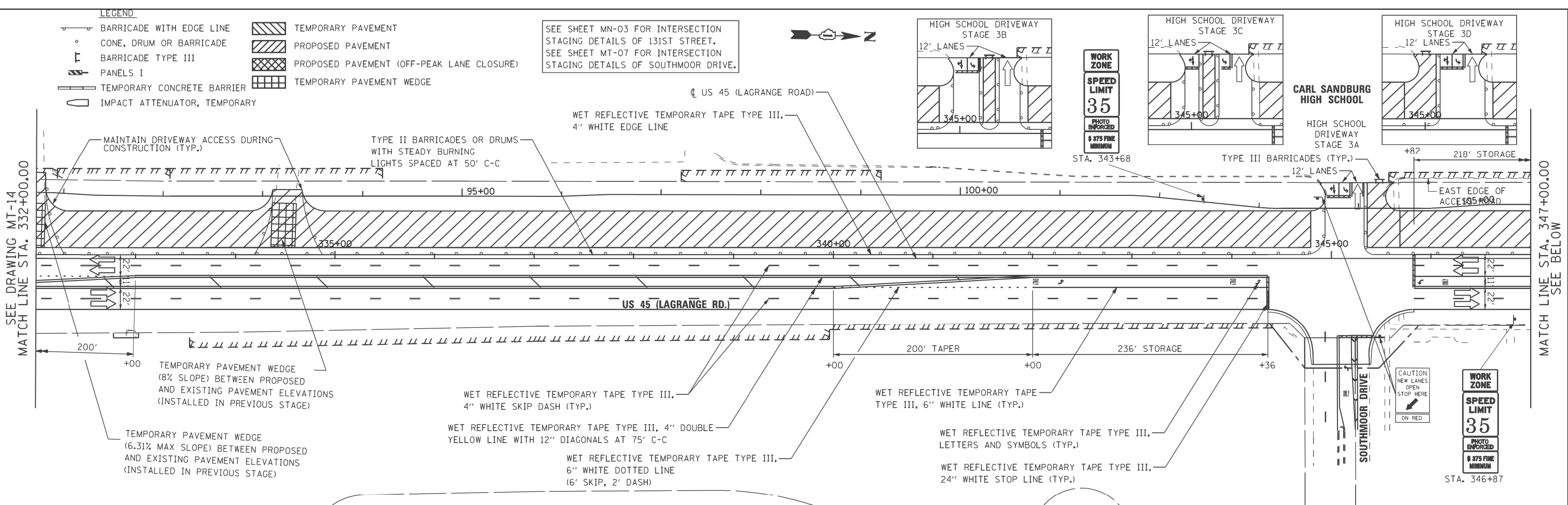
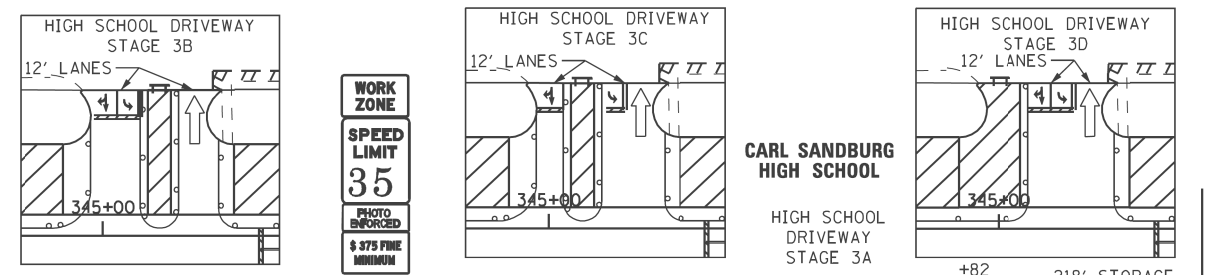
**MAINTENANCE OF TRAFFIC STAGE 3 PLAN
 US 45 (LAGRANGE ROAD)**

SCALE: 1"=50' SHEET STA. 302+00.00 TO STA. 332+00.00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
330	103R-5	COOK	778	109
MT-14		CONTRACT NO.		
ILLINOIS FED. AID PROJECT				

- LEGEND**
- BARRICADE WITH EDGE LINE
 - CONE, DRUM OR BARRICADE
 - BARRICADE TYPE III
 - PANELS I
 - TEMPORARY CONCRETE BARRIER
 - IMPACT ATTENUATOR, TEMPORARY
 - TEMPORARY PAVEMENT
 - PROPOSED PAVEMENT
 - PROPOSED PAVEMENT (OFF-PEAK LANE CLOSURE)
 - TEMPORARY PAVEMENT WEDGE

SEE SHEET MN-03 FOR INTERSECTION STAGING DETAILS OF 131ST STREET.
SEE SHEET MT-07 FOR INTERSECTION STAGING DETAILS OF SOUTHMOOR DRIVE.



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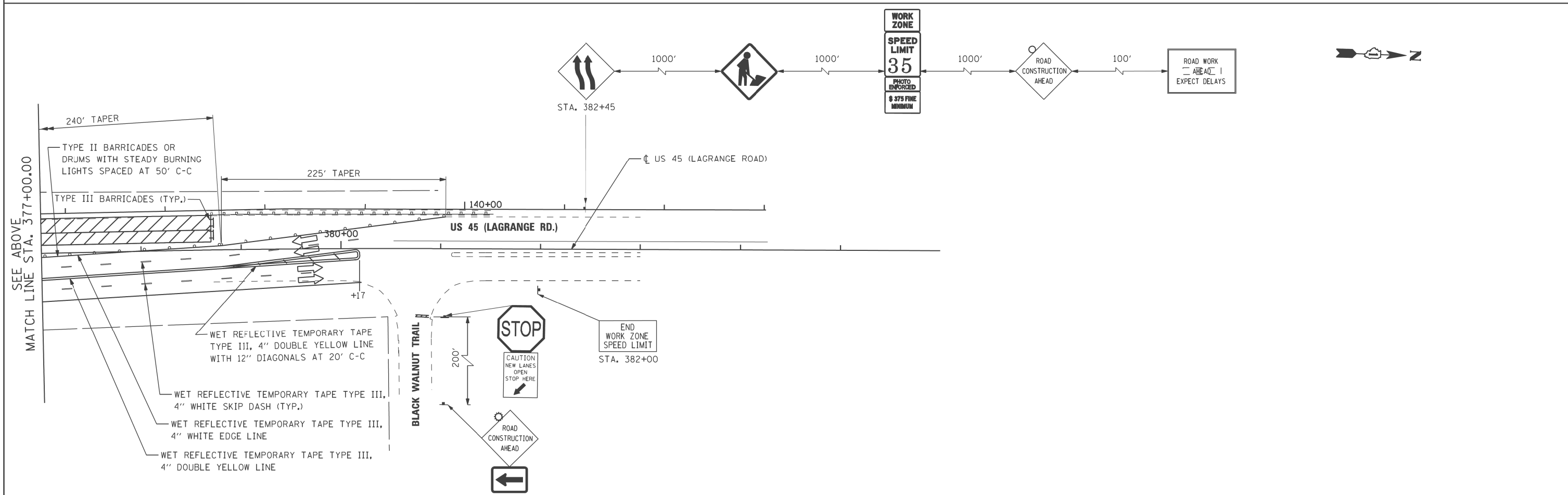
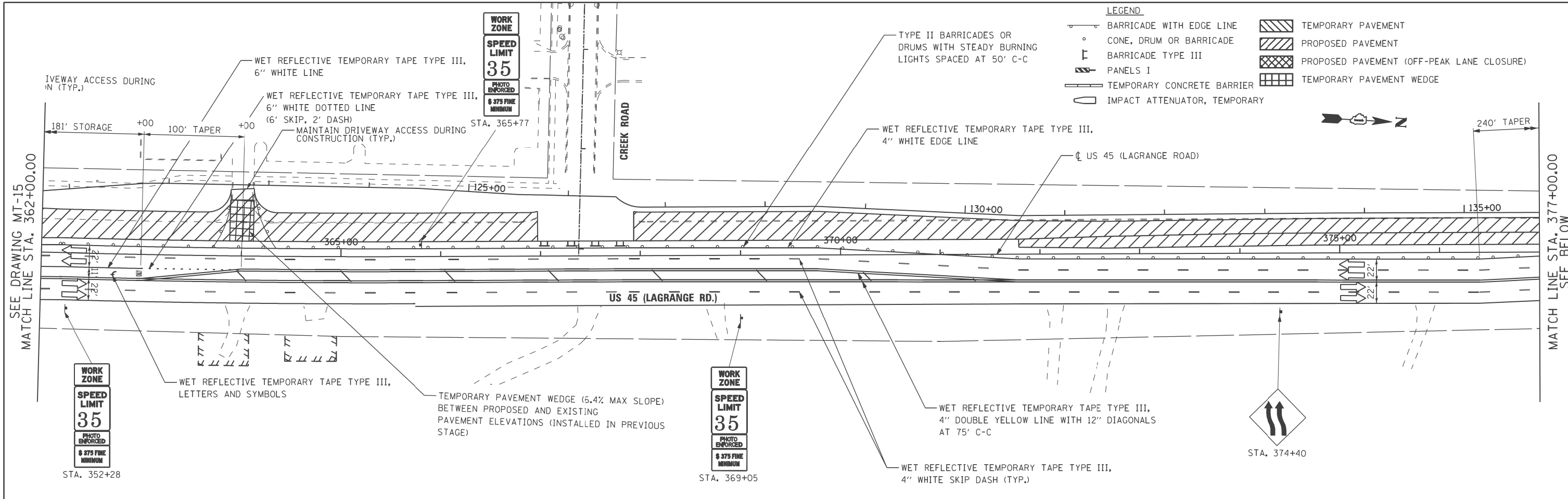
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PLOT SCALE = #SCALE#	CHECKED - MJT	REVISIONS -	REVISIONS -
PLOT DATE = 2/1/2013	DATE - 03/13/13	REVISIONS -	REVISIONS -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

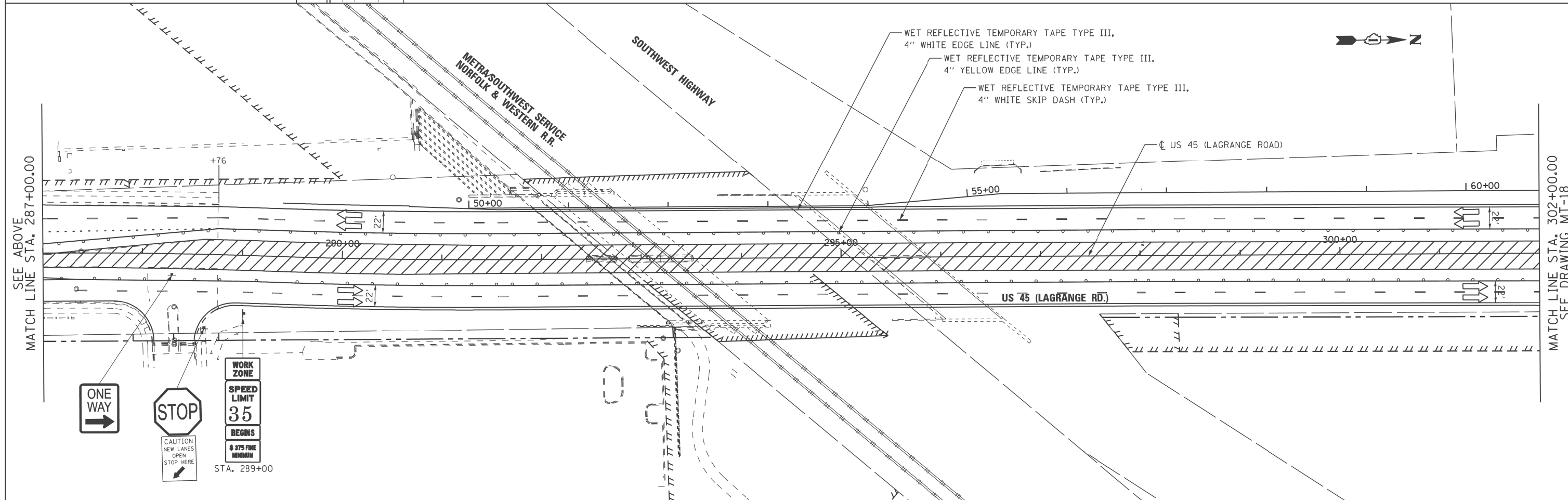
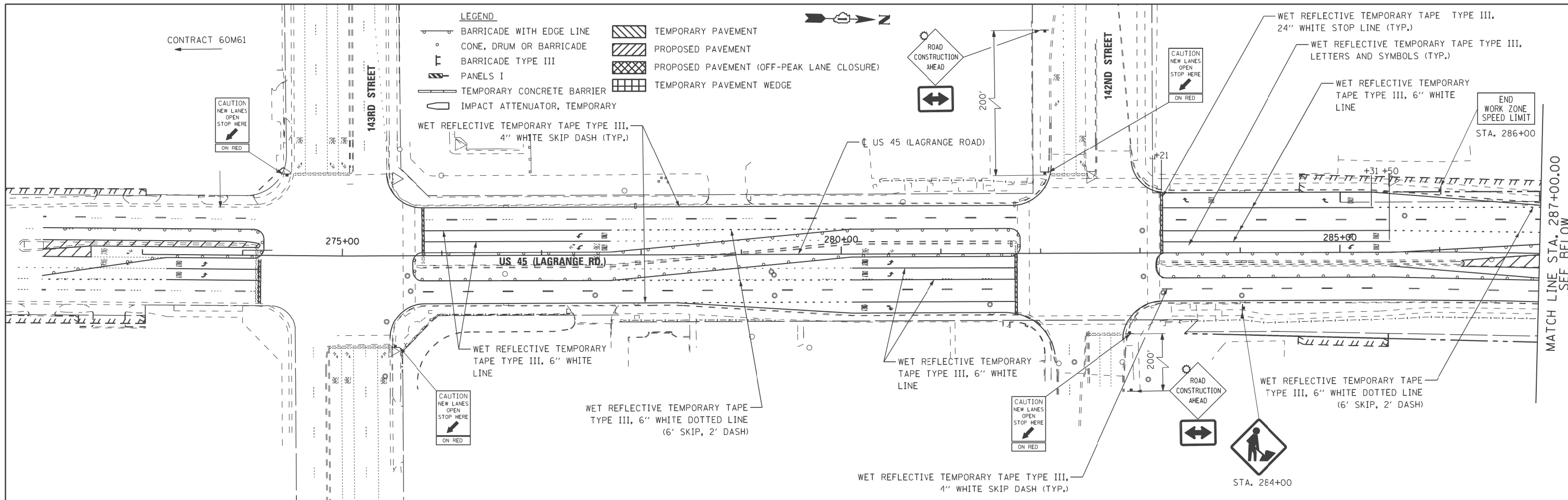
**MAINTENANCE OF TRAFFIC STAGE 3 PLAN
US 45 (LAGRANGE ROAD)**

SCALE: 1"=50' SHEET STA. 332+00.00 TO STA. 362+00.00

F.A.P. RTE. 330	SECTION 103R-5	COUNTY COOK	TOTAL SHEETS 778	SHEET NO. 110
MT-15		CONTRACT NO.		
ILLINOIS FED. AID PROJECT				



FILE NAME = P:\P-12-9\50-100T-URS-US 45 (Lagrange Rd) North Segment_60M62\Design\Sh\1160M62-SHT-DOUBLE PLAN.dgn	USER NAME = haddell	DESIGNED - TRK	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	MAINTENANCE OF TRAFFIC STAGE 3 PLAN US 45 (LAGRANGE ROAD)	F.A.P. RTE. 330	SECTION 103R-5	COUNTY COOK	TOTAL SHEETS 778	SHEET NO. 111	
PLOT SCALE = #SCALE#	CHECKED - MJT	REVISED -	SCALE: 1"=50'			SHEET	STA. 362+00.00 TO STA. END	MT-16		CONTRACT NO.	
SHT_DOUBLE PLAN	PLOT DATE = 2/1/2013	DATE - 03/13/13	REVISED -					ILLINOIS FED. AID PROJECT			



- LEGEND**
- BARRICADE WITH EDGE LINE
 - CONE, DRUM OR BARRICADE
 - BARRICADE TYPE III
 - PANELS I
 - TEMPORARY CONCRETE BARRIER
 - IMPACT ATTENUATOR, TEMPORARY
 - TEMPORARY PAVEMENT
 - PROPOSED PAVEMENT
 - PROPOSED PAVEMENT (OFF-PEAK LANE CLOSURE)
 - TEMPORARY PAVEMENT WEDGE

100 S. WACKER DR.
 10TH FLOOR
 CHICAGO, IL 60606
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FILE NAME =	USER NAME = hbdell	DESIGNED - TRK	REVISED -
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PLOT SCALE = #SCALE#	CHECKED - MJT		REVISED -
SHT_DOUBLE PLAN	DATE - 03/13/13		REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

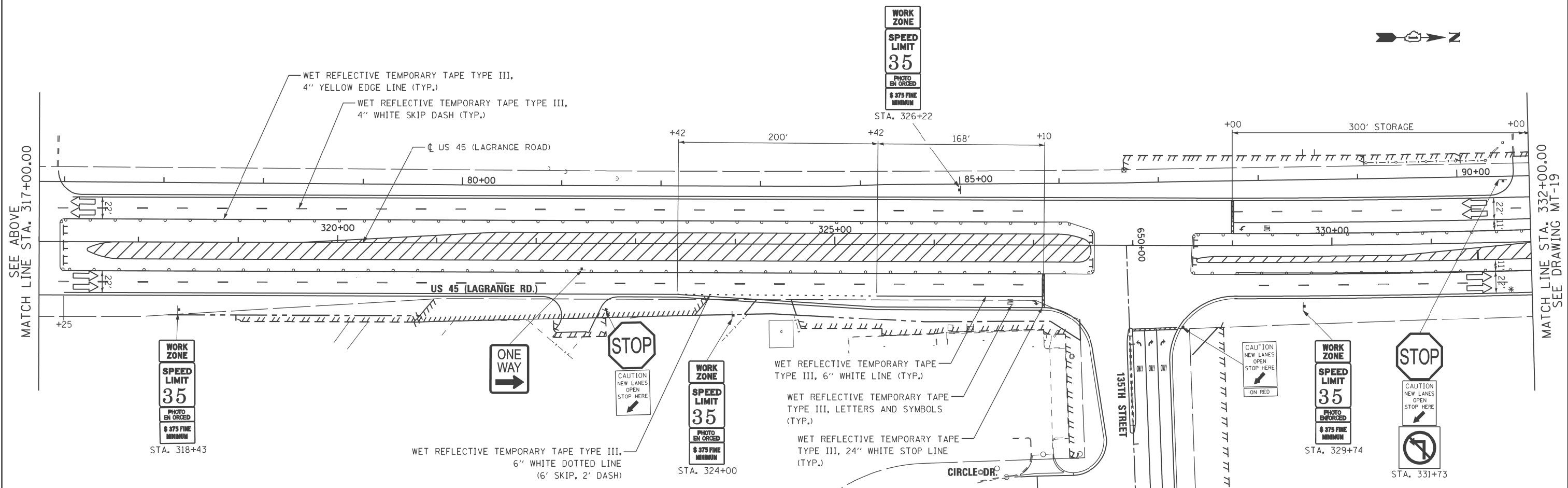
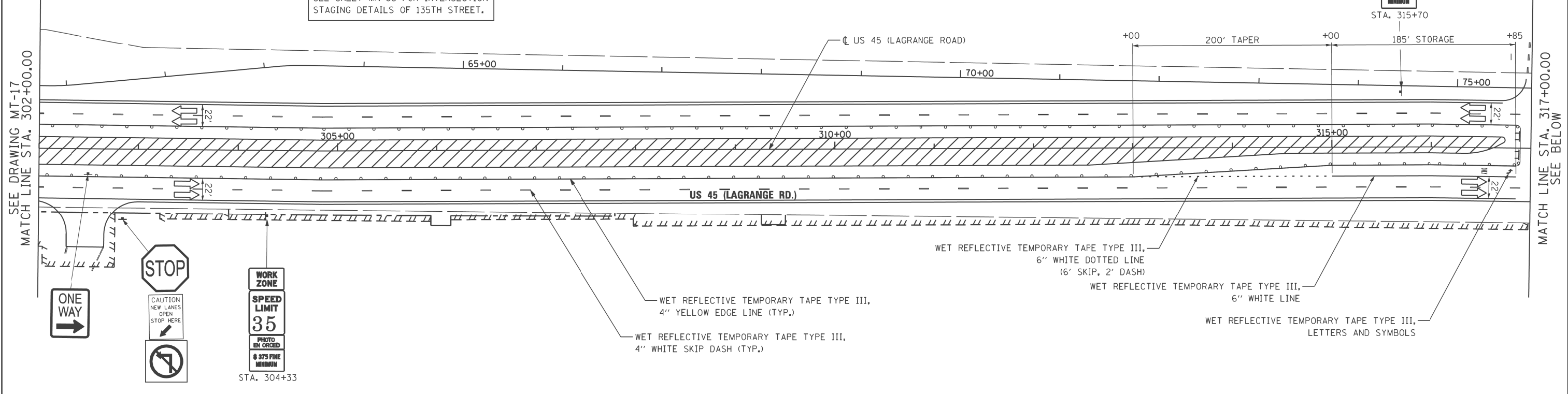
**MAINTENANCE OF TRAFFIC STAGE 4 PLAN
US 45 (LAGRANGE ROAD)**

SCALE: 1"=50' SHEET STA. BEGIN TO STA. 302+00.00

F.A.P. RTE. 330	SECTION 103R-5	COUNTY COOK	TOTAL SHEETS 778	SHEET NO. 112
MT-17		CONTRACT NO.		
ILLINOIS FED. AID PROJECT				

- LEGEND**
- BARRICADE WITH EDGE LINE
 - CONE, DRUM OR BARRICADE
 - BARRICADE TYPE III
 - PANELS I
 - TEMPORARY CONCRETE BARRIER
 - IMPACT ATTENUATOR, TEMPORARY
 - TEMPORARY PAVEMENT
 - PROPOSED PAVEMENT
 - PROPOSED PAVEMENT (OFF-PEAK LANE CLOSURE)
 - TEMPORARY PAVEMENT WEDGE

SEE SHEET MN-03 FOR INTERSECTION STAGING DETAILS OF 135TH STREET.



100 S. WACKER DR.
SUITE 500
CHICAGO, IL 60606
TEL (312) 935-1000
FAX (312) 935-4998



FILE NAME =	USER NAME = habdel10	DESIGNED - TRK	REVISED -
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PLOT SCALE = #SCALE#		DATE - 03/13/13	REVISED -
SHT_DOUBLE PLAN			

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**MAINTENANCE OF TRAFFIC STAGE 4 PLAN
US 45 (LAGRANGE ROAD)**

SCALE: 1"=50' SHEET STA. 302+00.00 TO STA. 332+00.00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
330	103R-5	COOK	778	113
MT-18			CONTRACT NO.	
ILLINOIS FED. AID PROJECT				

LEGEND

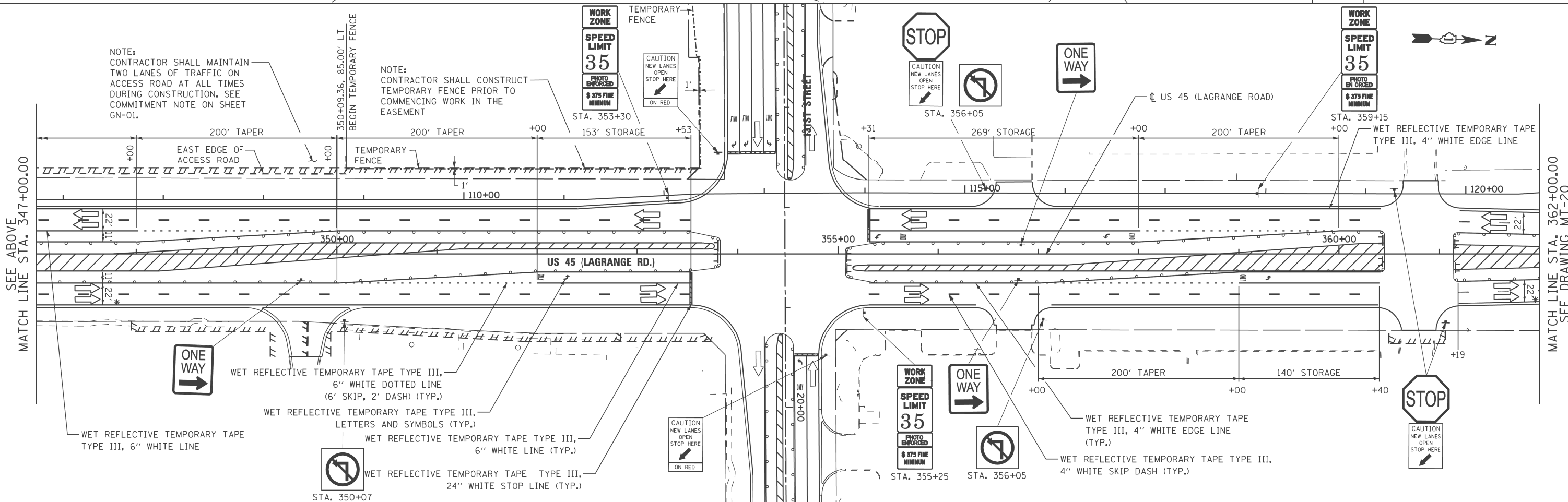
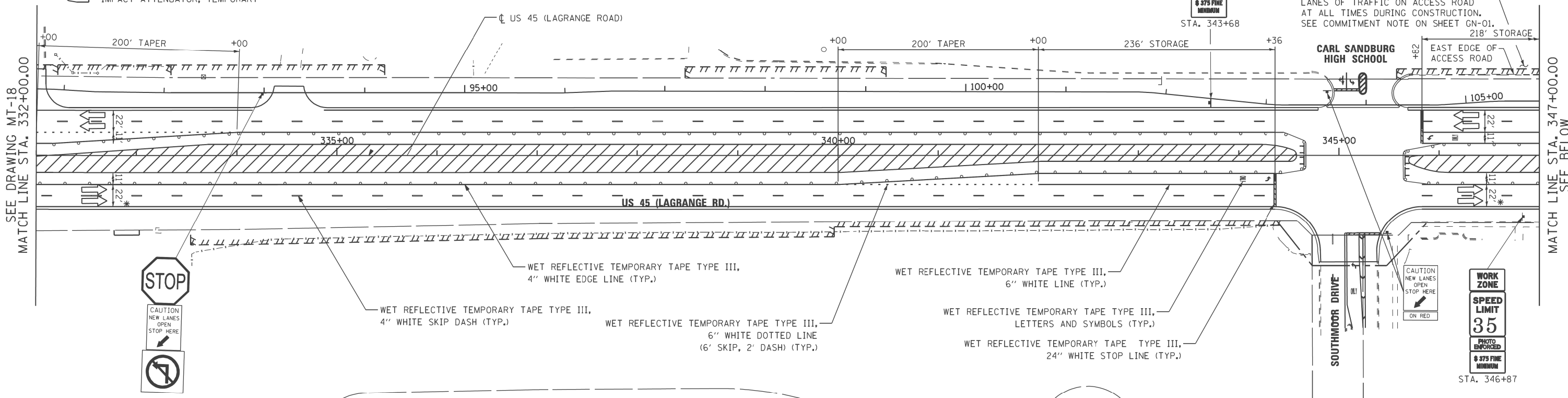
- BARRICADE WITH EDGE LINE
- CONE, DRUM OR BARRICADE
- BARRICADE TYPE III
- PANELS I
- TEMPORARY CONCRETE BARRIER
- IMPACT ATTENUATOR, TEMPORARY
- TEMPORARY PAVEMENT
- PROPOSED PAVEMENT
- PROPOSED PAVEMENT (OFF-PEAK LANE CLOSURE)
- TEMPORARY PAVEMENT WEDGE

SEE SHEET MN-03 FOR INTERSECTION STAGING DETAILS OF 131ST STREET.
SEE SHEET MT-07 FOR INTERSECTION STAGING DETAILS OF SOUTHMOOR DRIVE.

CARL SANDBURG HIGH SCHOOL BUILDING

CARL SANDBURG HIGH SCHOOL BUILDING

NOTE: CONTRACTOR SHALL MAINTAIN TWO LANES OF TRAFFIC ON ACCESS ROAD AT ALL TIMES DURING CONSTRUCTION. SEE COMMITMENT NOTE ON SHEET GN-01.



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 100 S. WACKER DR.
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FILE NAME =	USER NAME = haddell	DESIGNED - TRK	REVISED -
P:\P-12-9150_100T-URS_US 45 (Lagrange Rd) North Segment_60M62\Design\Sh1\160M62-SHT-DRAWING119.dgn		DRAWN - TRK	REVISED -
PLOT SCALE = #SCALE#		CHECKED - MJT	REVISED -
SHT_DOUBLE PLAN	PLOT DATE = 2/1/2013	DATE - 03/13/13	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

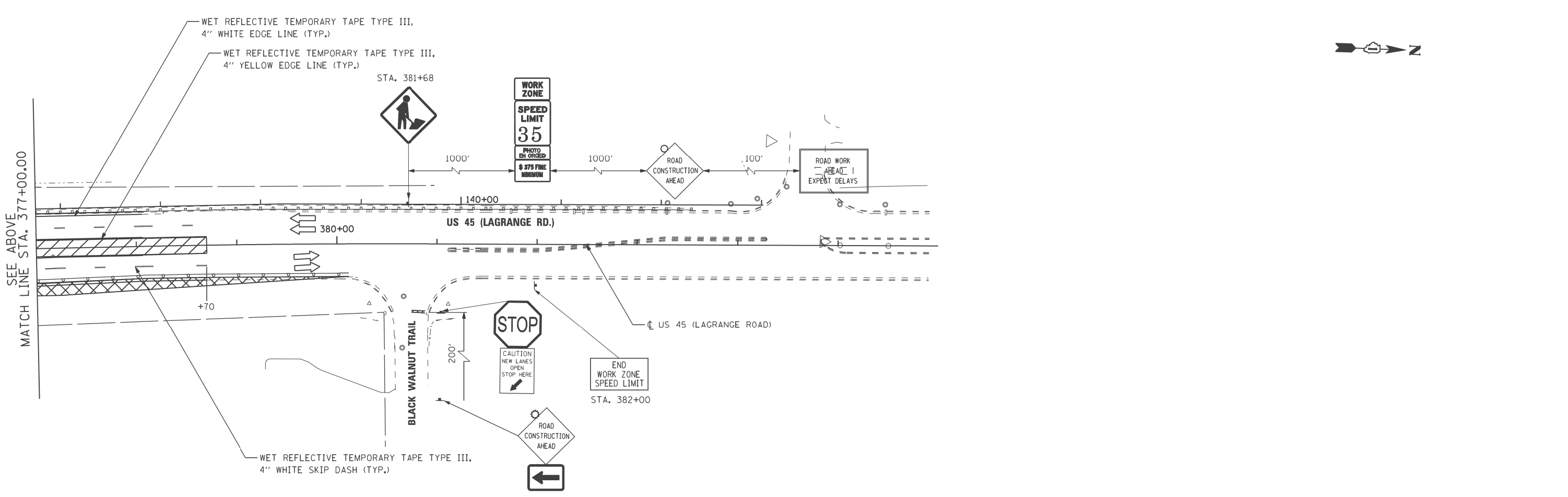
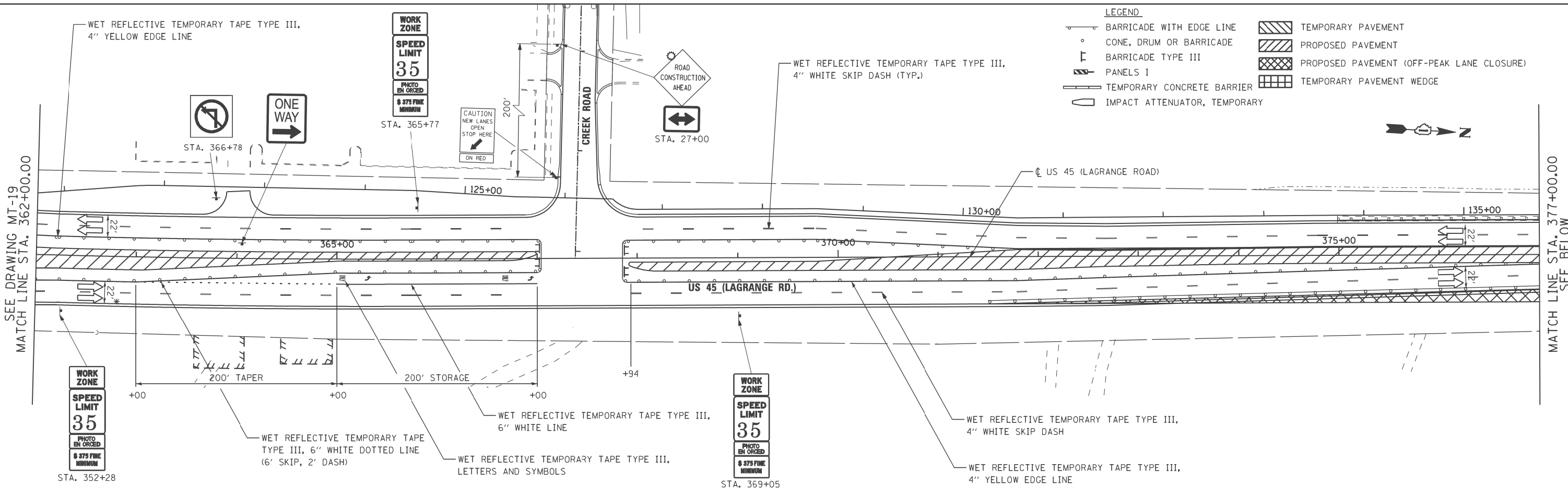
**MAINTENANCE OF TRAFFIC STAGE 4 PLAN
US 45 (LAGRANGE ROAD)**

SCALE: 1"=50' SHEET STA. 332+00.00 TO STA. 362+00.00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
330	103R-5	COOK	778	114
MT-19			CONTRACT NO.	
ILLINOIS FED. AID PROJECT				

LEGEND

	BARRICADE WITH EDGE LINE		TEMPORARY PAVEMENT
	CONE, DRUM OR BARRICADE		PROPOSED PAVEMENT
	BARRICADE TYPE III		PROPOSED PAVEMENT (OFF-PEAK LANE CLOSURE)
	PANELS I		TEMPORARY PAVEMENT WEDGE
	TEMPORARY CONCRETE BARRIER		
	IMPACT ATTENUATOR, TEMPORARY		



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FILE NAME = P:\P-12-9\50_1DOT-URS-US 45 (Lagrange Rd)\North Segment\60M62\Design\Sh\1160M62-SHT-DRAWING\20.dgn	USER NAME = habdel10	DESIGNED - TRK	REVISED -
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PLOT DATE = 2/1/2013	DATE - 03/13/13	REVISOR -	REVISED -

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

**MAINTENANCE OF TRAFFIC STAGE 4 PLAN
 US 45 (LAGRANGE ROAD)**

SCALE: 1"=50' SHEET

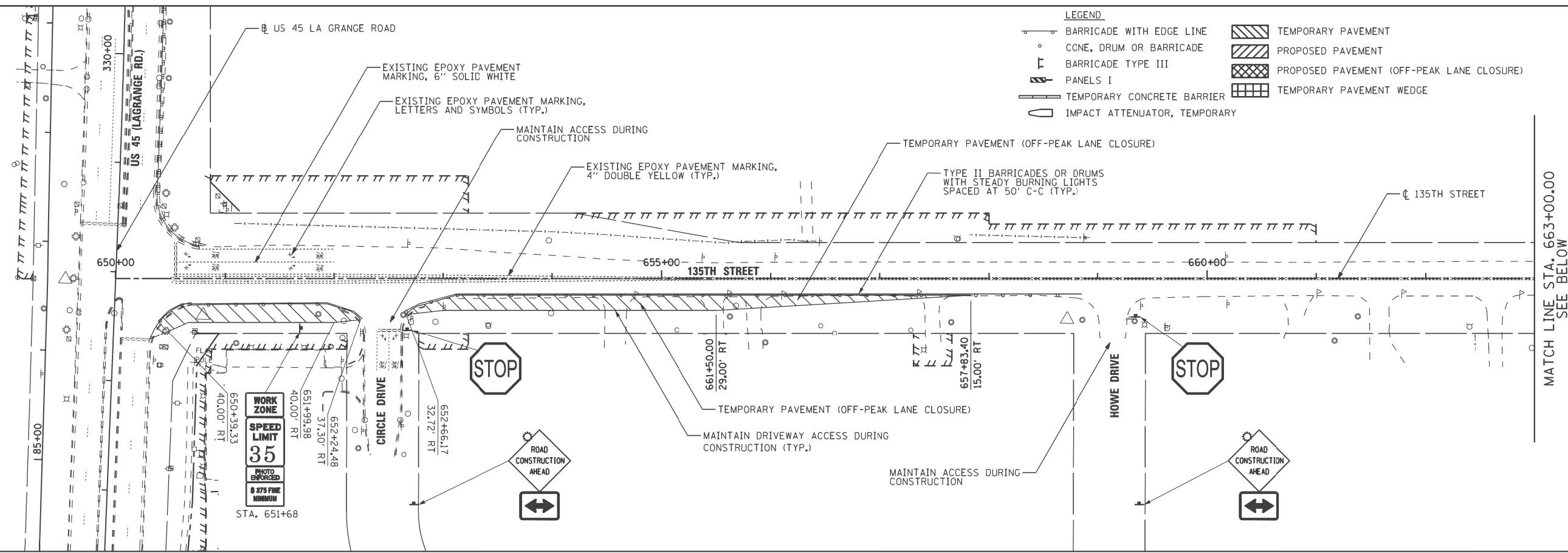
STA. 362+00.00 TO STA. END

F.A.P. RTE. 330	SECTION 103R-5	COUNTY COOK	TOTAL SHEETS 778	SHEET NO. 115
MT-20			CONTRACT NO.	
ILLINOIS FED. AID PROJECT				



LEGEND

	BARRICADE WITH EDGE LINE		TEMPORARY PAVEMENT
	CONE, DRUM OR BARRICADE		PROPOSED PAVEMENT
	BARRICADE TYPE III		PROPOSED PAVEMENT (OFF-PEAK LANE CLOSURE)
	PANELS I		TEMPORARY PAVEMENT WEDGE
	TEMPORARY CONCRETE BARRIER		
	IMPACT ATTENUATOR, TEMPORARY		



MATCH LINE STA. 663+00.00
SEE BELOW



SEE ABOVE
MATCH LINE STA. 663+00.00

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SUITE 500
CHICAGO, IL 60606
TEL 312-939-0000
FAX 312-939-4986

FILE NAME =	USER NAME = fobdella	DESIGNED - TRK	REVISED -
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PLOT SCALE = 4"SCALE		DATE - *SUBDATE*	REVISED -
SHT.DOUBLE PLAN	PLOT DATE = 2/1/2013		

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**MAINTENANCE OF TRAFFIC PRE-STAGE PLAN
135TH STREET**

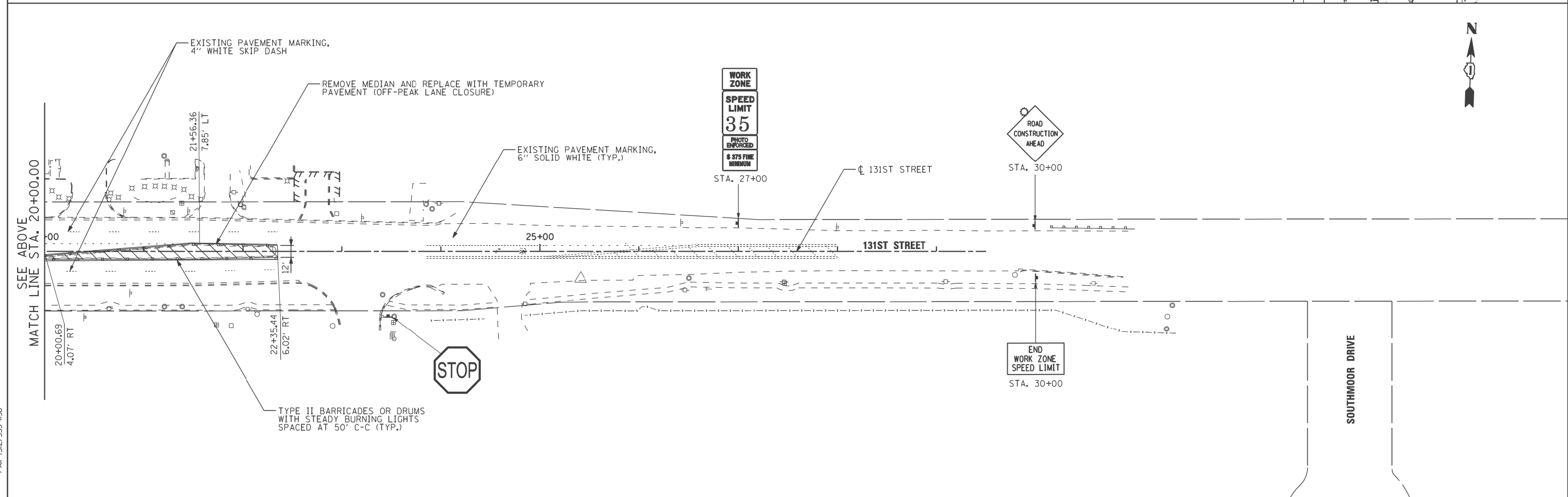
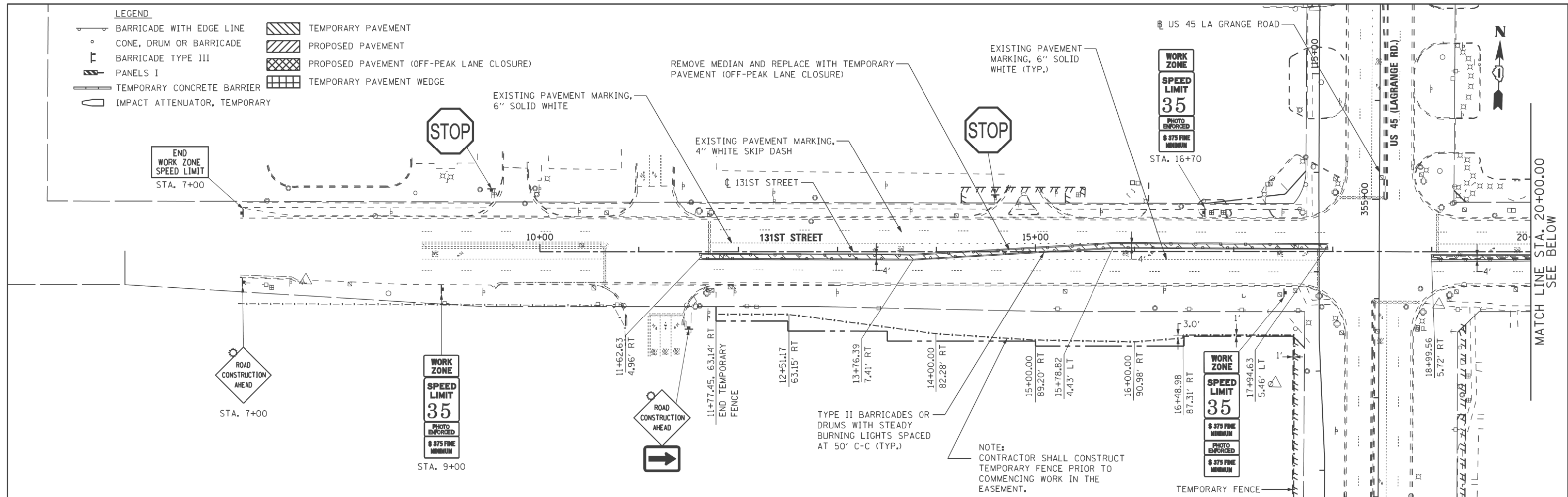
SCALE: 1"=50' SHEET 1 OF 1 SHEETS STA. BEGIN TO STA. END

F.A.R.T.E.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
\$RTE\$	\$SECT\$	\$CNTY\$	\$TOT\$	\$SHT\$
F.A.P. -21		CONTRACT NO. \$CON\$		
ILLINOIS FED. AID PROJECT		330 103R-5		COOK 778

\$SUBTYPE\$

LEGEND

	BARRICADE WITH EDGE LINE		TEMPORARY PAVEMENT
	CONE, DRUM OR BARRICADE		PROPOSED PAVEMENT
	BARRICADE TYPE III		PROPOSED PAVEMENT (OFF-PEAK LANE CLOSURE)
	PANELS I		TEMPORARY PAVEMENT WEDGE
	TEMPORARY CONCRETE BARRIER		
	IMPACT ATTENUATOR, TEMPORARY		



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FILE NAME =	USER NAME = hbdell	DESIGNED - TRK	REVISED -
P:\P-12-9\150-100T-URS-US 45 (LaGrange Road) North Segment\60M62\Design\Sh\160M62-SHT-DRAWING\22.dgn		CHECKED - MJT	REVISED -
SHT_DOUBLE PLAN	PLOT DATE = 2/1/2013	DATE - 03/13/13	REVISED -

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

**MAINTENANCE OF TRAFFIC PRE-STAGE PLAN
 131ST STREET**

SCALE: 1"=50' SHEET STA. BEGIN TO STA. END

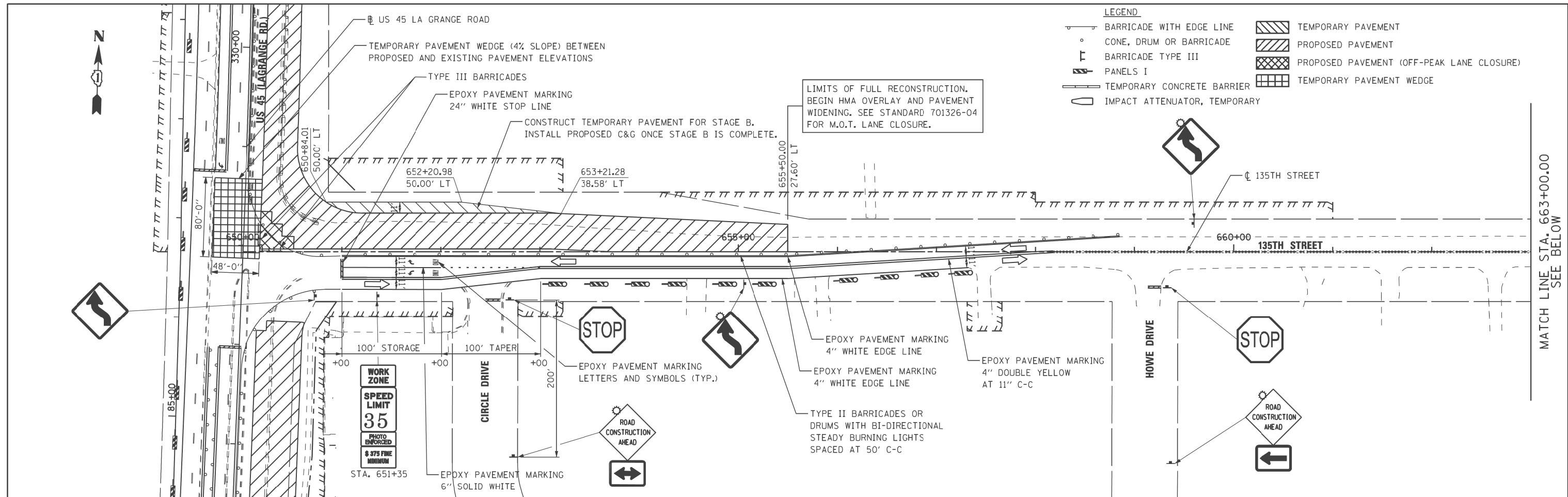
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
330	103R-5	COOK	778	117
MT-22		CONTRACT NO.		
ILLINOIS FED. AID PROJECT				



LEGEND

	BARRICADE WITH EDGE LINE		TEMPORARY PAVEMENT
	CONE, DRUM OR BARRICADE		PROPOSED PAVEMENT
	BARRICADE TYPE III		PROPOSED PAVEMENT (OFF-PEAK LANE CLOSURE)
	PANELS I		TEMPORARY PAVEMENT WEDGE
	TEMPORARY CONCRETE BARRIER		
	IMPACT ATTENUATOR, TEMPORARY		

LIMITS OF FULL RECONSTRUCTION. BEGIN HMA OVERLAY AND PAVEMENT WIDENING. SEE STANDARD 701326-04 FOR M.O.T. LANE CLOSURE.



MATCH LINE STA. 663+00.00
SEE BELOW



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FILE NAME = P:\P-12-9\50_IDOT-URS_US 45 (LaGrange Rd)\North Segment_60M62\Design\Sh\160M62-SHT-DOUBLE PLAN.dgn	USER NAME = habdel10	DESIGNED - TRK	REVISED -
		CHECKED - MJT	REVISED -
		DATE - 03/13/13	REVISED -

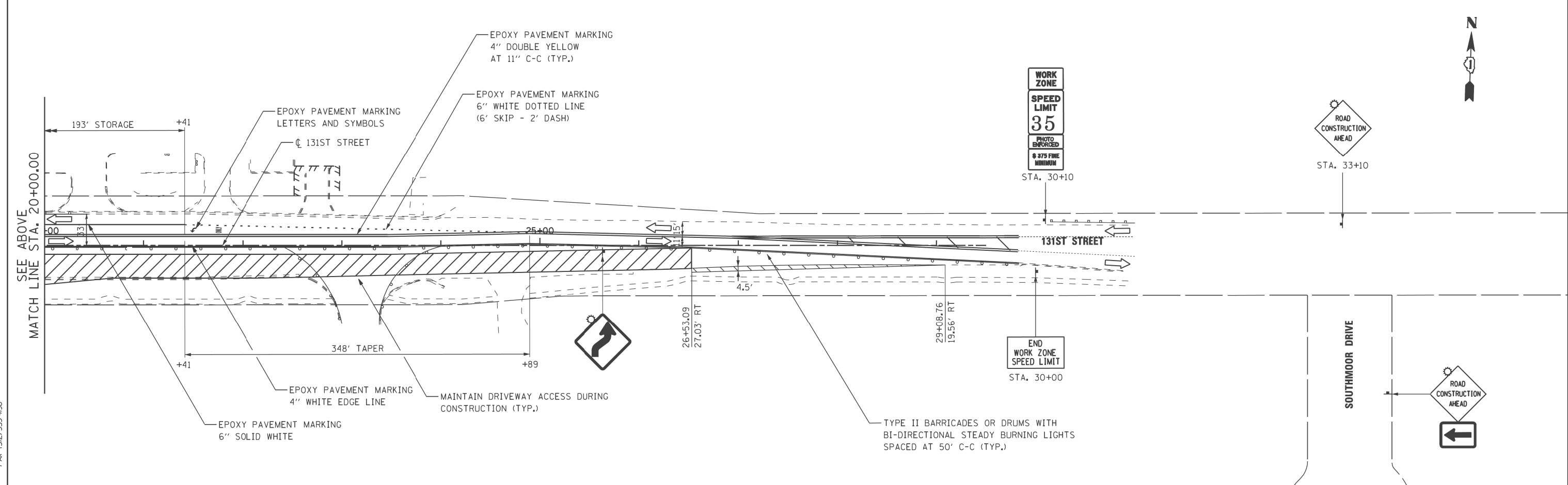
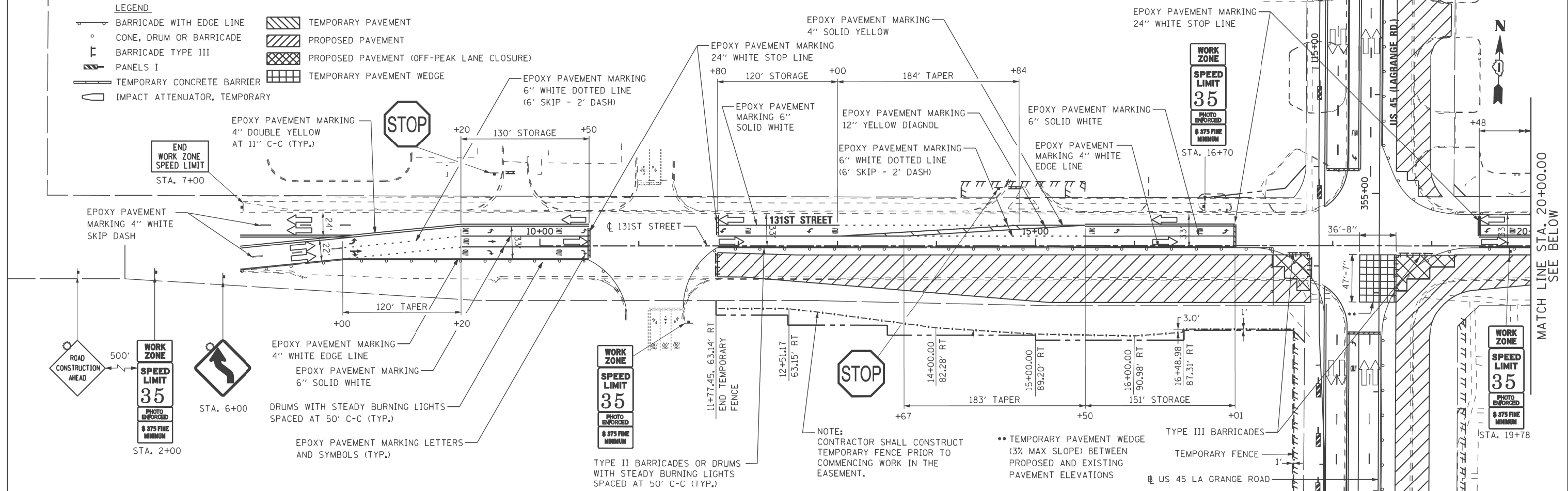
**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**MAINTENANCE OF TRAFFIC STAGE A PLAN
135TH STREET**

SCALE: 1"=50' SHEET STA. BEGIN TO STA. END

F.A.P. RTE. 330	SECTION 103R-5	COUNTY COOK	TOTAL SHEETS 778	SHEET NO. 118
MT-23			CONTRACT NO.	
ILLINOIS FED. AID PROJECT				

- LEGEND**
- BARRICADE WITH EDGE LINE
 - CONE, DRUM OR BARRICADE
 - BARRICADE TYPE III
 - PANELS I
 - TEMPORARY CONCRETE BARRIER
 - IMPACT ATTENUATOR, TEMPORARY
 - TEMPORARY PAVEMENT
 - PROPOSED PAVEMENT
 - PROPOSED PAVEMENT (OFF-PEAK LANE CLOSURE)
 - TEMPORARY PAVEMENT WEDGE



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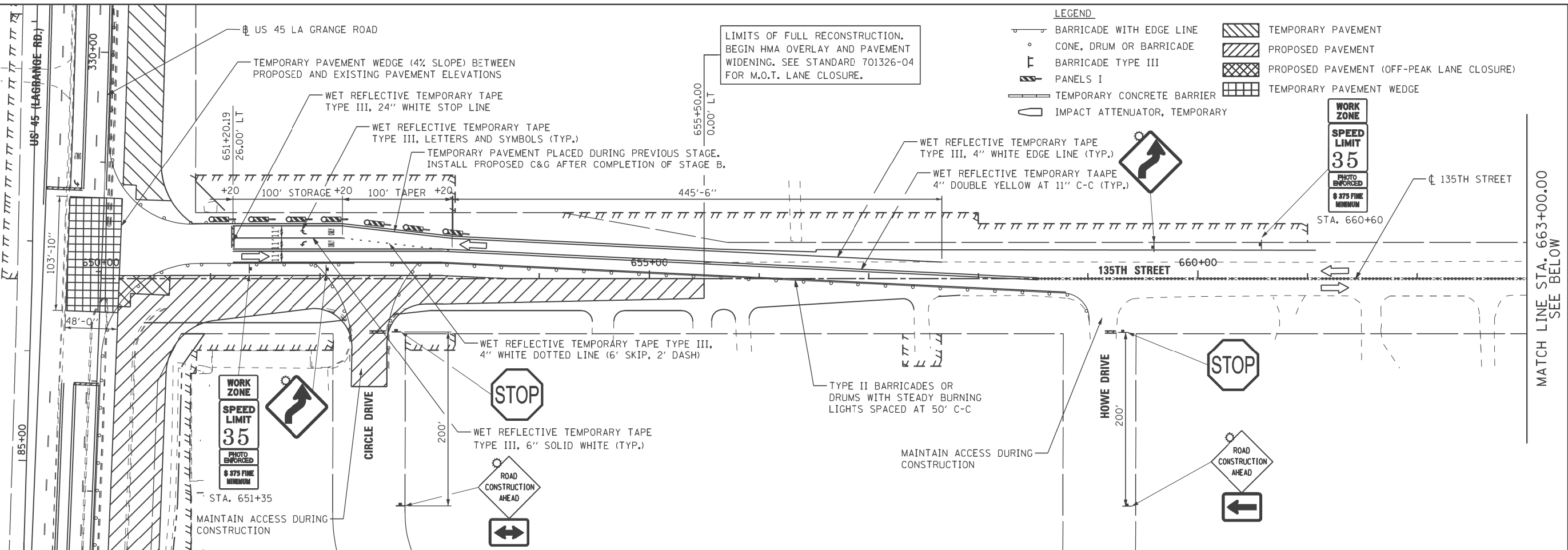
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PLOT SCALE = #SCALE#	CHECKED - MJT		REVISED -
SHT_DOUBLE PLAN	PLOT DATE = 2/1/2013	DATE - 03/13/13	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

MAINTENANCE OF TRAFFIC STAGE A PLAN
131ST STREET

SCALE: 1"=50' SHEET STA. BEGIN TO STA. END

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
330	103R-5	COOK	778	119
MT-24			CONTRACT NO.	
ILLINOIS FED. AID PROJECT				



LIMITS OF FULL RECONSTRUCTION. BEGIN HMA OVERLAY AND PAVEMENT WIDENING. SEE STANDARD 701326-04 FOR M.O.T. LANE CLOSURE.

- LEGEND**
- BARRICADE WITH EDGE LINE
 - CONE, DRUM OR BARRICADE
 - BARRICADE TYPE III
 - PANELS I
 - TEMPORARY CONCRETE BARRIER
 - IMPACT ATTENUATOR, TEMPORARY
 - TEMPORARY PAVEMENT
 - PROPOSED PAVEMENT
 - PROPOSED PAVEMENT (OFF-PEAK LANE CLOSURE)
 - TEMPORARY PAVEMENT WEDGE

MATCH LINE STA. 663+00.00
SEE BELOW



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100 S. WACKER DR.
SUITE 500
CHICAGO, IL 60606
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FAX (312) 935-4998

FILE NAME =	USER NAME = hbdell	DESIGNED - TRK	REVISED -
P:\P-12-9\150_100T-URS_US 45 (LaGrange Rd) North Segment_60M62\Design\Sh\160M62-SHT-DRAWING\25.dgn		TRK	REVISED -
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PLOT DATE = 2/1/2013	DATE - 03/13/13		REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

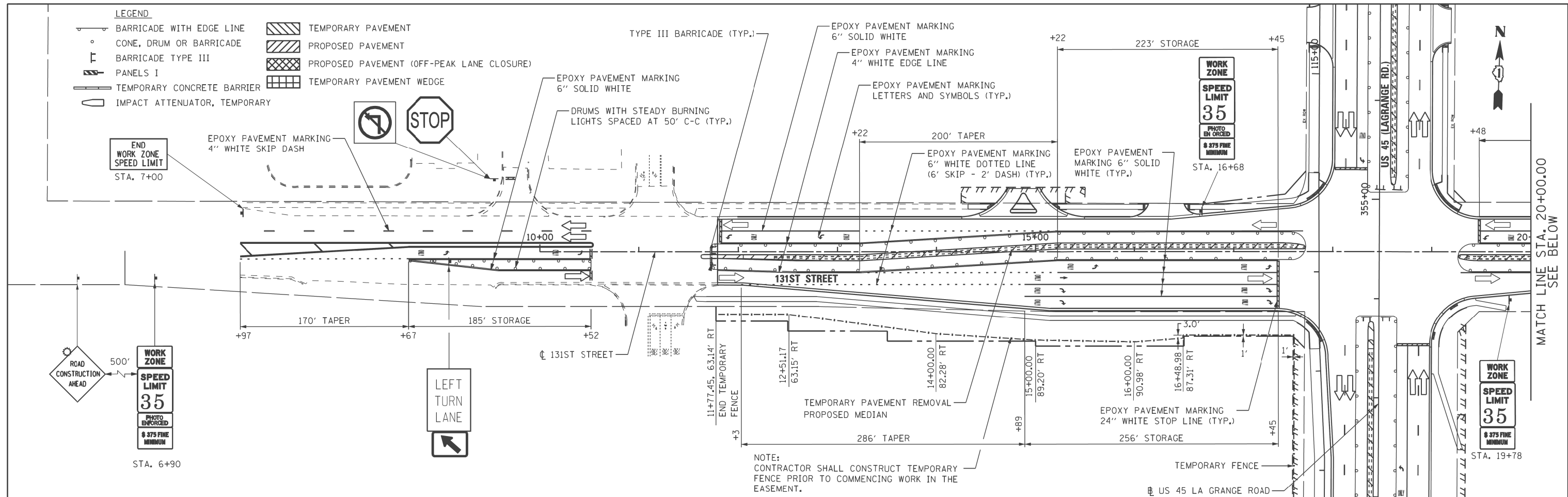
**MAINTENANCE OF TRAFFIC STAGE B PLAN
135TH STREET**

SCALE: 1"=50' SHEET STA. BEGIN TO STA. END

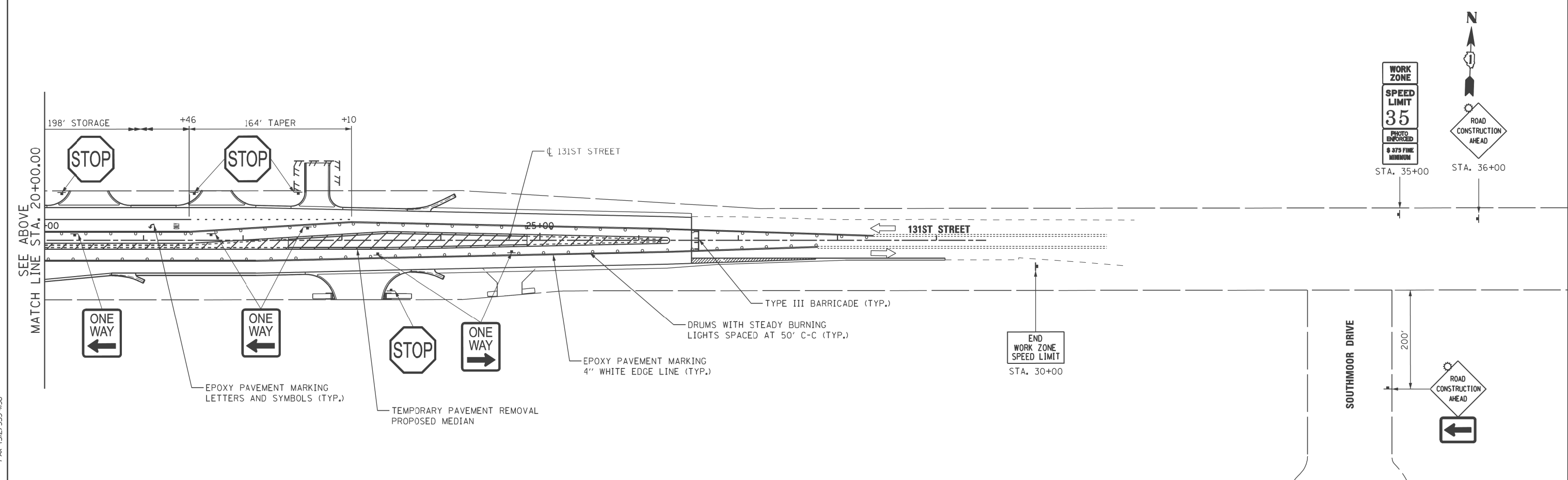
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
330	103R-5	COOK	778	120
MT-25			CONTRACT NO.	
ILLINOIS FED. AID PROJECT				

LEGEND

	BARRICADE WITH EDGE LINE		TEMPORARY PAVEMENT
	CONE, DRUM OR BARRICADE		PROPOSED PAVEMENT
	BARRICADE TYPE III		PROPOSED PAVEMENT (OFF-PEAK LANE CLOSURE)
	PANELS I		TEMPORARY PAVEMENT WEDGE
	TEMPORARY CONCRETE BARRIER		
	IMPACT ATTENUATOR, TEMPORARY		



NOTE:
CONTRACTOR SHALL CONSTRUCT TEMPORARY FENCE PRIOR TO COMMENCING WORK IN THE EASEMENT.



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









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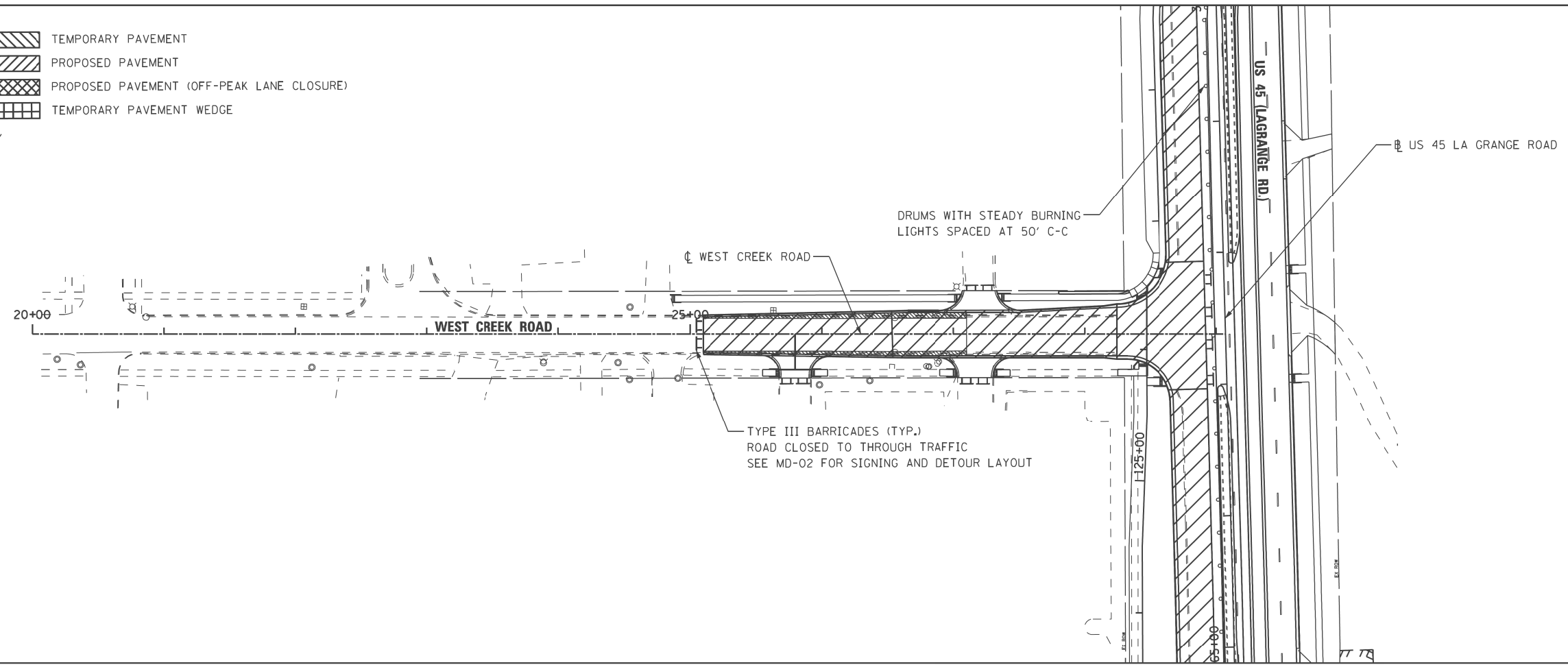
**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**MAINTENANCE OF TRAFFIC STAGE C PLAN
131ST STREET**

SCALE: 1"=50' SHEET STA. BEGIN TO STA. END

F.A.P. RTE. 330	SECTION 103R-5	COUNTY COOK	TOTAL SHEETS 778	SHEET NO. 122
MT-27		CONTRACT NO.		
ILLINOIS FED. AID PROJECT				

- LEGEND**
-  BARRICADE WITH EDGE LINE
 -  CONE, DRUM OR BARRICADE
 -  BARRICADE TYPE III
 -  PANELS I
 -  TEMPORARY CONCRETE BARRIER
 -  IMPACT ATTENUATOR, TEMPORARY
 -  TEMPORARY PAVEMENT
 -  PROPOSED PAVEMENT
 -  PROPOSED PAVEMENT (OFF-PEAK LANE CLOSURE)
 -  TEMPORARY PAVEMENT WEDGE



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FILE NAME =	USER NAME = hbdell	DESIGNED - TRK	REVISED -
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SHT_DOUBLE PLAN	PLOT DATE = 2/1/2013	DATE - 03/13/13	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**MAINTENANCE OF TRAFFIC
WEST CREEK ROAD**

SCALE: 1"=50' SHEET STA. BEGIN TO STA. END

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
330	103R-5	COOK	778	123
MT-28		CONTRACT NO.		
ILLINOIS FED. AID PROJECT				

GENERAL NOTES

- INSTALL PERIMETER EROSION BARRIER PRIOR TO THE START OF CONSTRUCTION.
- INSTALL EROSION AND SEDIMENT CONTROL MEASURES AS SOON AS CONSTRUCTION ACTIVITIES PERMIT.
- FINISH GRADE AND PLACE FINAL SEEDING AND/OR SODDING IN AREAS THAT WILL NOT BE DISTURBED AGAIN FOR THE DURATION OF THE PROJECT. ANY DAMAGE TO THIS AREA DUE TO CONSTRUCTION WILL BE RESTORED AT THE CONTRACTOR'S EXPENSE.
- ANY AREAS THAT WILL BE UNDISTURBED FOR MORE THAN 14 DAYS SHALL BE SEEDED AND MULCHED WITHIN 7 DAYS.
- TEMPORARY EROSION CONTROL SEEDING WILL BE PLACED ON ALL ERODIBLE EARTH AREAS AS DIRECTED BY THE ENGINEER AS PER THE SPECIFICATIONS.
- TEMPORARY MULCH WILL MEET REQUIREMENTS OF AND BE PAID FOR AS "MULCH, METHOD 3A" OR "HEAVY DUTY EROSION CONTROL BLANKET".
- EROSION AND SEDIMENT CONTROL MEASURES SHALL BE REMOVED AFTER FINAL STABILIZATION IS IN PLACE TO PREVENT EROSION AND SEDIMENTATION OF THE SITE. THE REMOVALS SHALL BE INCIDENTAL TO THE PAY ITEMS.
- PERIMETER EROSION BARRIER SHALL BE PLACED AT CURB CUTS FOLLOWING THE CONSTRUCTION OF THE ROADWAY.
- DISTURBED AREAS SHALL BE MINIMIZED TO PREVENT EROSION AND SEDIMENTATION OF THE SITE.
- ALL EROSION CONTROL ITEMS SHALL BE MAINTAINED UNTIL CONSTRUCTION HAS BEEN COMPLETED UNLESS OTHERWISE DIRECTED BY THE ENGINEER.
- EXISTING DRAINAGE INLETS AND CATCH BASINS SHALL BE PROTECTED WITH ABOVE GRADE INLET FILTERS. MAINTAIN ABOVE GRADE INLET FILTERS UNTIL THE EXISTING STRUCTURES ARE REMOVED.
- EROSION CONTROL MEASURES SHALL BE MAINTAINED. DAMAGED ITEMS SHALL BE REPLACED IMMEDIATELY AT NO ADDITIONAL COST TO THE OWNER.
- CONSTRUCTION SCHEDULE SHALL DETAIL EACH SECTION FINAL STABILIZATION PRIOR TO MOVING ONTO NEXT SECTION IN THE CONSTRUCTION SEQUENCE. FAILURE TO COMPLY WILL RESULT IN AN NPDES DEFICIENCY DEDUCTION.
- CONCRETE WASHOUT REQUIREMENTS ARE A CONTRACTOR-REQUIRED SUBMITTAL.
- ANY DEWATERING OF THE CONSTRUCTION AREA SHALL BE FILTERED THROUGH A DEWATERING BASIN PRIOR TO ENTERING RECEIVING WATERS.
- ANY DEWATERING SHALL BE ACCORDING TO ILLINOIS URBAN MANUAL, PRACTICE STANDARDS, DEWATERING CODE 813.
- THE CONTRACTOR SHALL PROVIDE AN EROSION AND SEDIMENT CONTROL PLAN FOR CULVERT CLEANING. THE PLAN SHALL BE REVIEWED AND APPROVED BY THE RESIDENT ENGINEER PRIOR TO STARTING ANY WORK WITHIN THE CULVERT AREA. THE COST OF ALL STORM SEWER CLEANING WORK ITEMS IN THIS AREA WILL NOT BE PAID FOR SEPARATELY, BUT SHALL BE CONSIDERED AS INCLUDED IN THE UNIT BID PRICES OF THE CONTRACT AND NO ADDITIONAL COMPENSATION WILL BE ALLOWED. LACK OF APPROVED PLAN OR FAILURE TO COMPLY WILL RESULT IN AN ESC DEFICIENCY DEDUCTION.

IN-STREAM WORK AREA NOTES

- CONTRACTOR MUST PREPARE AND IMPLEMENT AN IN-STREAM WORK PLAN (ISWP) FOR ALL WORK CONDUCTED IN THE IN-STREAM WORK AREA (ISW) AS DENOTED ON THE PLANS.
- THE ISWP SHALL COMPLY WITH THE LATEST GUIDELINES FOR IN-STREAM WORK AS UPDATED BY THE CHICAGO DISTRICT OFFICE, ARMY CORPS OF ENGINEERS AND MUST MEET ALL OF THE REQUIREMENTS OF THE STORM WATER POLLUTION PREVENTION PLAN (SWPPP), THE US ARMY CORPS OF ENGINEERS (ACOE) SECTION 404 PERMIT AND ILLINOIS ENVIRONMENTAL PROTECTION AGENCY ILR10 GENERAL NPDES PERMIT FOR STORM WATER DISCHARGES FROM CONSTRUCTION SITES. SEE THE SPECIAL PROVISIONS.
- THE ISWP SHOULD BE MADE AVAILABLE AT THE EROSION AND SEDIMENT CONTROL (ESC) PRE-CONSTRUCTION FIELD MEETING.
- THE ISWP MUST BE APPROVED BY THE RESIDENT ENGINEER PRIOR TO THE COMMENCEMENT OF IN-STREAM WORK.
- IF REQUIRED BY THE US ACOE SECTION 404 PERMIT, THE ISWP MUST BE APPROVED IN WRITING BY THE ACOE PRIOR TO THE COMMENCEMENT OF IN-STREAM WORK.
- THE EROSION AND SEDIMENT CONTROLS, STORMWATER MANAGEMENT CONTROLS AND OTHER CONTROLS REQUIRED BY THE ISWP MUST BE AT LEAST AS PROTECTIVE AT THOSE SPECIFIED IN THE STANDARD SPECIFICATIONS FOR ROADWAY AND BRIDGE CONSTRUCTION, OR THE ILLINOIS URBAN MANUAL.
- THE ISWP, INSTALLATION AND MAINTENANCE OF BEST MANAGEMENT PRACTICES (BMPs) SPECIFIED IN THE ISWP ARE NOT MEASURED FOR PAYMENT.
- THE NPDES/ESC DEFICIENCY DEDUCTION APPLIES TO THE ISW AREA.
- IN THE EVENT THE IN-STREAM WORK IS FOUND TO BE NON-COMPLIANT WITH EITHER PERMIT CONDITIONS OR REGULATIONS DURING THE COURSE OF A COMPLIANCE INSPECTION, THE CONTRACTOR WILL WORK WITH THE REGULATORY AGENCIES ON MAKING THE NECESSARY CHANGES TO THE PLANS IN ORDER TO BRING THE PROJECT INTO COMPLIANCE WITH THE IN-STREAM WORK REQUIREMENTS AND PERMIT CONDITIONS.

NOTES - PRE-STAGE:

- CONTRACTOR MUST MULCH ALL AREAS DISTURBED AS A RESULT OF TEMPORARY PAVEMENT PLACEMENT IN PRE-STAGE.
- PERIMETER EROSION BARRIER WILL BE PLACED ALONG THE PERIMETER OF THE AREA TO BE CLEARED AND GRADED BEFORE ANY CLEARING OR GRADING TAKES PLACE.

NOTES - STAGE 1:

- ANY AREAS THAT WILL BE UNDISTURBED FOR MORE THAN 14 DAYS AND FINAL LANDSCAPING CAN NOT BE IMPLEMENTED SHALL USE TEMPORARY SEEDING AND MULCH WITHIN 7 DAYS.
- PERIMETER EROSION BARRIER WILL BE PLACED ALONG THE PERIMETER OF THE AREA TO BE CLEARED AND GRADED BEFORE ANY CLEARING OR GRADING TAKES PLACE.
- FINAL LANDSCAPING RESTORATION AT COMPLETED ROADWAY SECTION SHALL BE IMPLEMENTED UPON COMPLETION OF THAT STAGE 1 SECTION CONSTRUCTION. SEE LANDSCAPING PLAN FOR FINAL RESTORATION.

NOTES - STAGE 2:

- MAINTAIN PERIMETER EROSION BARRIER WHICH WERE INSTALLED DURING PRE-STAGE AND STAGE I.

NOTES - STAGE 3:

- ALL EROSION CONTROL ITEMS INSTALLED IN PREVIOUS STAGES INCLUDING PERIMETER EROSION BARRIER SHALL BE MAINTAINED UNTIL CONSTRUCTION IS COMPLETED. EROSION CONTROL ITEMS INSTALLED IN PREVIOUS STAGES NOT SHOWN FOR CLARITY.
- ANY AREAS THAT WILL BE UNDISTURBED FOR MORE THAN 14 DAYS AND FINAL LANDSCAPING CAN NOT BE IMPLEMENTED SHALL USE TEMPORARY SEEDING AND MULCH WITHIN 7 DAYS.
- PERIMETER EROSION BARRIER WILL BE PLACED ALONG THE PERIMETER OF THE AREA TO BE CLEARED AND GRADED BEFORE ANY CLEARING OR GRADING TAKES PLACE.
- PRE-STAGE EROSION CONTROL MEASURES SHALL BE UTILIZED DURING STAGE 3 WHENEVER IS POSSIBLE. MAINTAIN EROSION CONTROL ITEMS UNTIL COMPLETION OF CONSTRUCTION.
- FINAL LANDSCAPING RESTORATION AT COMPLETED ROADWAY SECTION SHALL BE IMPLEMENTED UPON COMPLETION OF STAGE 3 SECTION CONSTRUCTION. SEE LANDSCAPING PLAN FOR FINAL RESTORATION.
- REPLACEMENT OF TEMPORARY EROSION CONTROL SEEDING WITH MULCH METHOD 3A SHALL BE INSTALLED WITHIN 24 HOURS OF INSTALLATION OF PROPOSED DRAINAGE ITEMS AND SHALL BE INCIDENTAL.












NOTES - STAGE 4:

- PERIMETER EROSION BARRIER WILL BE PLACED ALONG THE PERIMETER OF THE AREA TO BE CLEARED AND GRADED BEFORE ANY CLEARING OR GRADING TAKES PLACE.
- FINAL LANDSCAPING RESTORATION AT COMPLETED ROADWAY SECTION SHALL BE IMPLEMENTED UPON COMPLETION OF STAGE 1 CONSTRUCTION. SEE LANDSCAPING PLAN FOR FINAL RESTORATION.

NOTE:

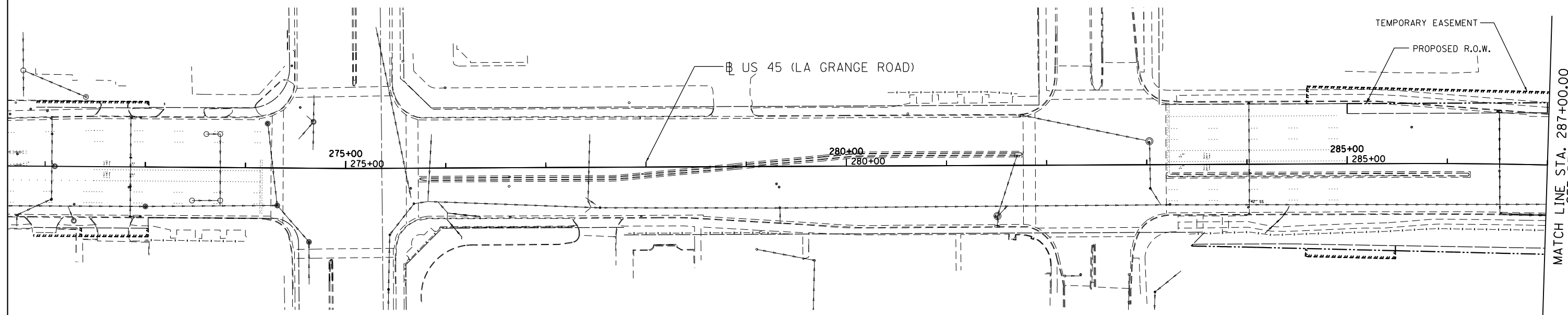
- THE USE OF ABOVE GRADE INLET FILTER CAN BE REPLACED WITH THE DROP INLET FILTER WITH THE APPROVAL OF THE ENGINEER.

LEGEND

	PERIMETER EROSION BARRIER (PEB)
	TEMPORARY FENCE
	TEMPORARY EROSION CONTROL SEEDING WITH MULCH METHOD 3A
	HEAVY DUTY EROSION CONTROL BLANKET
	SODDING, SALT TOLERANT
	TEMPORARY DITCH CHECK
	• ABOVE GRADE INLET FILTER
	TEMPORARY CONSTRUCTION
	PERMANENT CONSTRUCTION
	CONSTRUCTION WORK ZONE
	FLOW ARROWS

FILE NAME =	USER NAME = Frank.Stallone	DESIGNED - L.N.	REVISED -
D160M62-SHT-EROS-01_Notes.dgn		DRAWN - W.H.J.	REVISED -
	PLOT SCALE = 100.000000' / 1" =	CHECKED - M.P.	REVISED -
	PLOT DATE = 3/14/2013	DATE - 02/08/2013	REVISED -

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
330	103R-5	COOK	778	124
ER-01			CONTRACT NO. 60M62	
ILLINOIS FED. AID PROJECT				

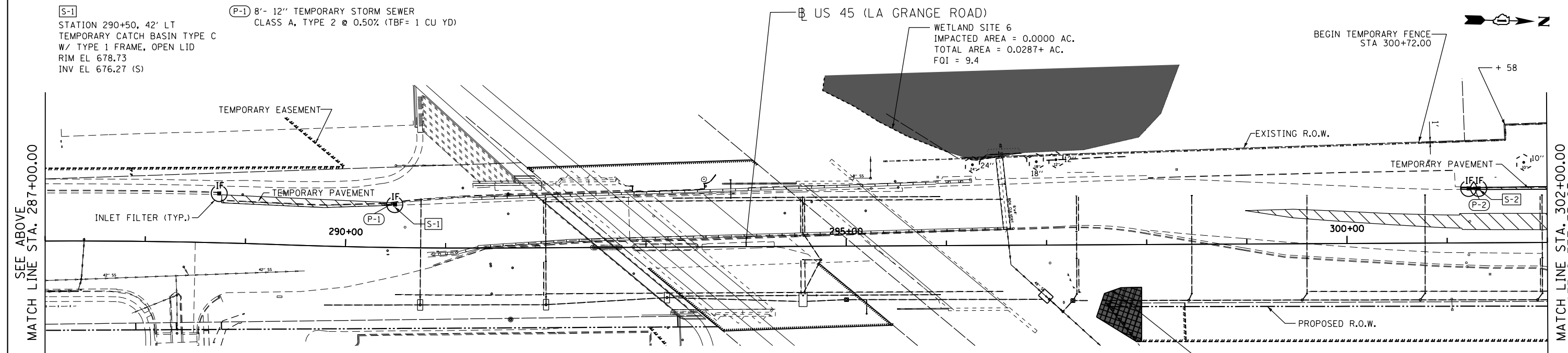


NOTES:

- SEE SHEET ER-01 FOR LEGEND AND NOTES.
- SEE SHEETS DN-02 AND DN-03 FOR SUGGESTED SEQUENCE OF DRAINAGE INSTALLATION.

[S-1]
 STATION 290+50, 42' LT
 TEMPORARY CATCH BASIN TYPE C
 W/ TYPE 1 FRAME, OPEN LID
 RIM EL 678.73
 INV EL 676.27 (S)

[P-1] 8'- 12" TEMPORARY STORM SEWER
 CLASS A, TYPE 2 @ 0.50% (TBF= 1 CU YD)



SEE ABOVE
 MATCH LINE STA. 287+00.00

MATCH LINE STA. 302+00.00
 SEE SHEET ER-03

[S-2]
 STATION 301+32, 55' LT
 TEMPORARY CATCH BASIN TYPE C
 W/ TYPE 1 FRAME, OPEN LID
 RIM EL 688.47
 INV EL 683.18 (S)

[P-2] 7'- 12" TEMPORARY STORM SEWER
 CLASS A, TYPE 2 @ 0.50% (TBF= 1 CU YD)

APEX
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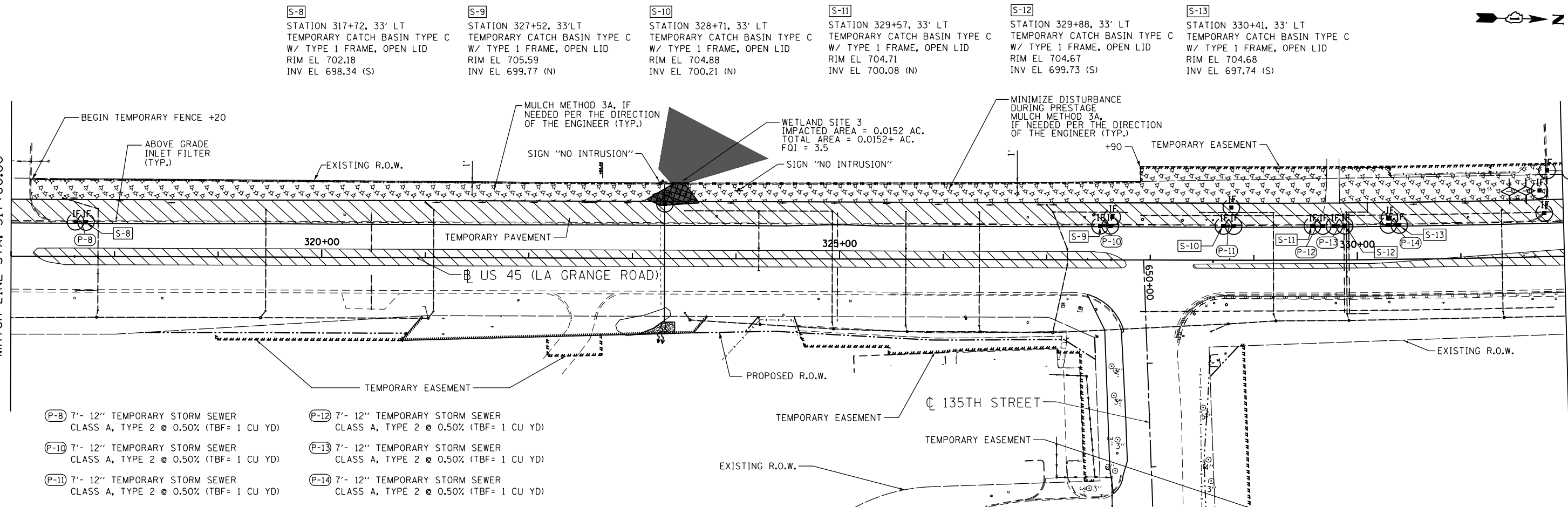
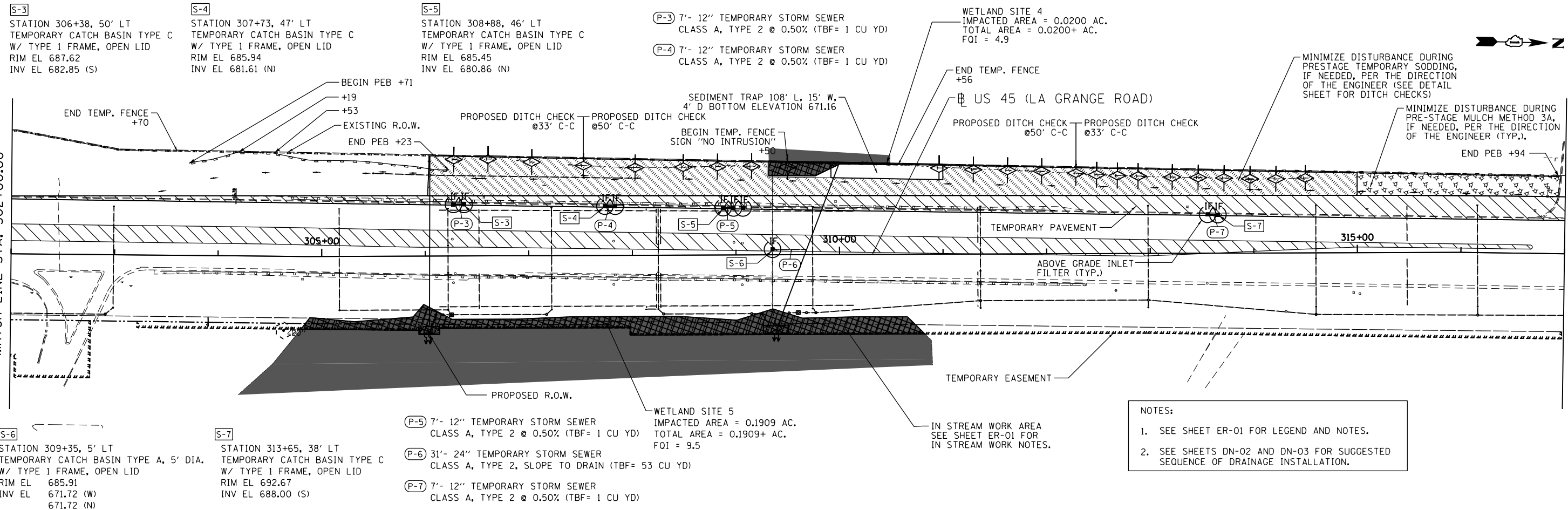
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		CHECKED - WI	REVISED -
		DATE - 02-08-2013	REVISED -

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

**EROSION AND SEDIMENT CONTROL PLAN
 US 45 (LAGRANGE ROAD) - NORTH CONTRACT - PRE-STAGE**

SCALE: 1"=50' SHEET NO. 2 OF 5 SHEETS STA. BEGIN TO STA. 302+00.00

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
330	103R-5	COOK	778	125
ER-02			CONTRACT NO. 60M62	
ILLINOIS FED. AID PROJECT				



APEX
 CONSULTING ENGINEERS, LLC
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 DESIGNED - LN
 DRAWN - MP
 PLOT SCALE = 1"=50'
 PLOT DATE = 08/19/2011

DESIGNED - LN
 DRAWN - MP
 CHECKED - WI
 DATE - 02/08/2013

REVISED -
 REVISED -
 REVISED -
 REVISED -

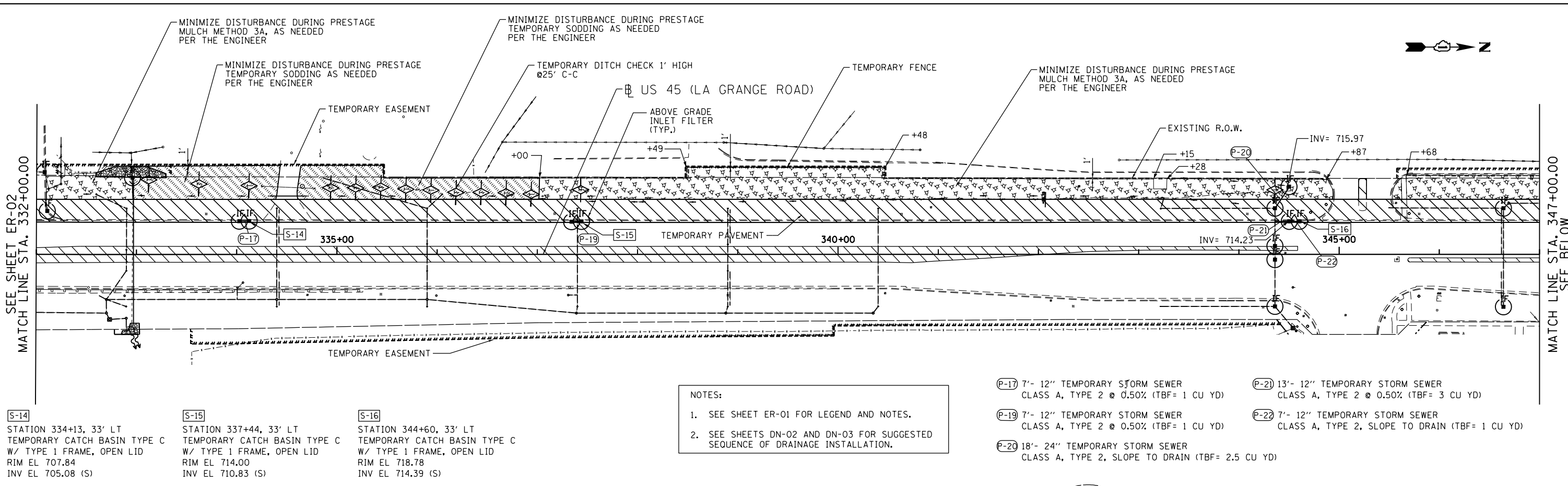
**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

**EROSION AND SEDIMENT CONTROL PLAN
 US 45 (LAGRANGE ROAD) - NORTH CONTRACT - PRE-STAGE**

SCALE: 1"=50' SHEET NO. 3 OF 5 SHEETS STA. 302+00.00 TO STA. 332+00.00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
330	103R-5	COOK	778	126
ER-03			CONTRACT NO. 60M62	
ILLINOIS FED. AID PROJECT				

D:\60M62-SHT-ER0503_Prestage.dgn 3/14/2013 6:16:49 PM



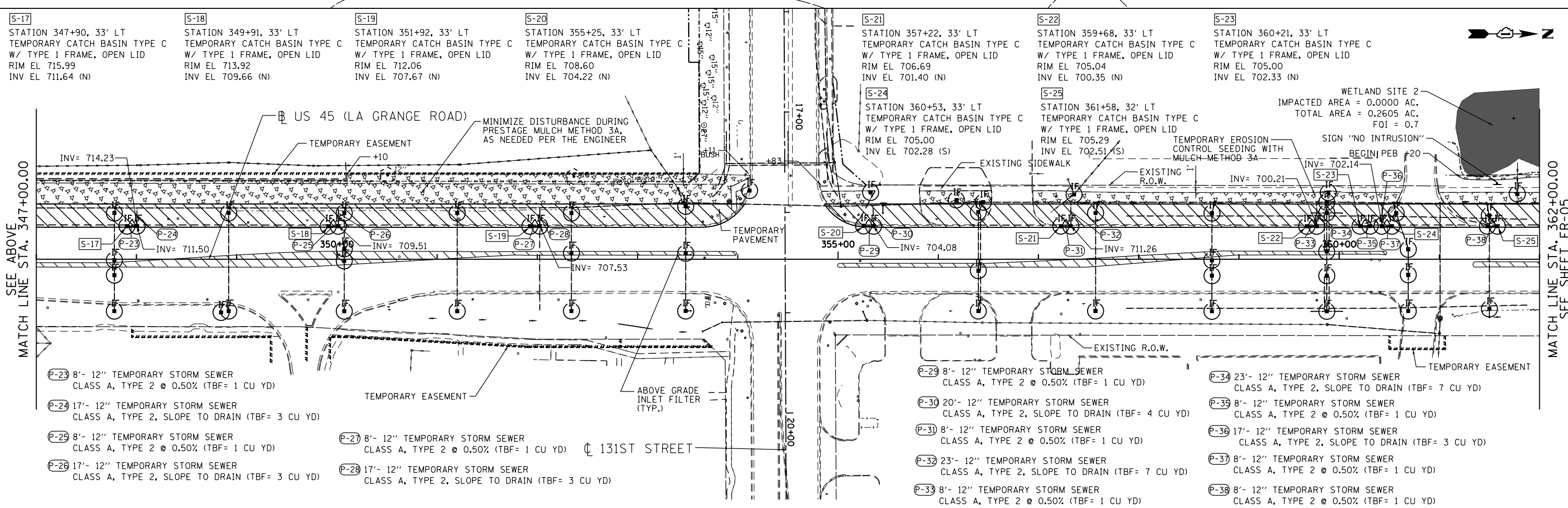
SEE SHEET ER-02
MATCH LINE STA. 332+00.00

MATCH LINE STA. 347+00.00
SEE BELOW

- S-14**
STATION 334+13, 33' LT
TEMPORARY CATCH BASIN TYPE C
W/ TYPE 1 FRAME, OPEN LID
RIM EL 707.84
INV EL 705.08 (S)
- S-15**
STATION 337+44, 33' LT
TEMPORARY CATCH BASIN TYPE C
W/ TYPE 1 FRAME, OPEN LID
RIM EL 714.00
INV EL 710.83 (S)
- S-16**
STATION 344+60, 33' LT
TEMPORARY CATCH BASIN TYPE C
W/ TYPE 1 FRAME, OPEN LID
RIM EL 718.78
INV EL 714.39 (S)

NOTES:
1. SEE SHEET ER-01 FOR LEGEND AND NOTES.
2. SEE SHEETS DN-02 AND DN-03 FOR SUGGESTED SEQUENCE OF DRAINAGE INSTALLATION.

- P-17** 7'- 12" TEMPORARY STORM SEWER
CLASS A, TYPE 2 @ 0.50% (TBF= 1 CU YD)
- P-19** 7'- 12" TEMPORARY STORM SEWER
CLASS A, TYPE 2 @ 0.50% (TBF= 1 CU YD)
- P-20** 18'- 24" TEMPORARY STORM SEWER
CLASS A, TYPE 2, SLOPE TO DRAIN (TBF= 2.5 CU YD)
- P-21** 13'- 12" TEMPORARY STORM SEWER
CLASS A, TYPE 2 @ 0.50% (TBF= 3 CU YD)
- P-22** 7'- 12" TEMPORARY STORM SEWER
CLASS A, TYPE 2, SLOPE TO DRAIN (TBF= 1 CU YD)



SEE ABOVE
MATCH LINE STA. 347+00.00

MATCH LINE STA. 362+00.00
SEE SHEET ER-05

- S-17**
STATION 347+90, 33' LT
TEMPORARY CATCH BASIN TYPE C
W/ TYPE 1 FRAME, OPEN LID
RIM EL 715.99
INV EL 711.64 (N)
- S-18**
STATION 349+91, 33' LT
TEMPORARY CATCH BASIN TYPE C
W/ TYPE 1 FRAME, OPEN LID
RIM EL 713.92
INV EL 709.66 (N)
- S-19**
STATION 351+92, 33' LT
TEMPORARY CATCH BASIN TYPE C
W/ TYPE 1 FRAME, OPEN LID
RIM EL 712.06
INV EL 707.67 (N)
- S-20**
STATION 355+25, 33' LT
TEMPORARY CATCH BASIN TYPE C
W/ TYPE 1 FRAME, OPEN LID
RIM EL 708.60
INV EL 704.22 (N)
- S-21**
STATION 357+22, 33' LT
TEMPORARY CATCH BASIN TYPE C
W/ TYPE 1 FRAME, OPEN LID
RIM EL 706.69
INV EL 701.40 (N)
- S-22**
STATION 359+68, 33' LT
TEMPORARY CATCH BASIN TYPE C
W/ TYPE 1 FRAME, OPEN LID
RIM EL 705.04
INV EL 700.35 (N)
- S-23**
STATION 360+21, 33' LT
TEMPORARY CATCH BASIN TYPE C
W/ TYPE 1 FRAME, OPEN LID
RIM EL 705.00
INV EL 702.33 (N)

- P-23** 8'- 12" TEMPORARY STORM SEWER
CLASS A, TYPE 2 @ 0.50% (TBF= 1 CU YD)
- P-24** 17'- 12" TEMPORARY STORM SEWER
CLASS A, TYPE 2, SLOPE TO DRAIN (TBF= 3 CU YD)
- P-25** 8'- 12" TEMPORARY STORM SEWER
CLASS A, TYPE 2 @ 0.50% (TBF= 1 CU YD)
- P-26** 17'- 12" TEMPORARY STORM SEWER
CLASS A, TYPE 2, SLOPE TO DRAIN (TBF= 3 CU YD)
- P-27** 8'- 12" TEMPORARY STORM SEWER
CLASS A, TYPE 2 @ 0.50% (TBF= 1 CU YD)
- P-28** 17'- 12" TEMPORARY STORM SEWER
CLASS A, TYPE 2, SLOPE TO DRAIN (TBF= 3 CU YD)
- P-29** 8'- 12" TEMPORARY STORM SEWER
CLASS A, TYPE 2 @ 0.50% (TBF= 1 CU YD)
- P-30** 20'- 12" TEMPORARY STORM SEWER
CLASS A, TYPE 2, SLOPE TO DRAIN (TBF= 4 CU YD)
- P-31** 8'- 12" TEMPORARY STORM SEWER
CLASS A, TYPE 2 @ 0.50% (TBF= 1 CU YD)
- P-32** 23'- 12" TEMPORARY STORM SEWER
CLASS A, TYPE 2, SLOPE TO DRAIN (TBF= 7 CU YD)
- P-33** 8'- 12" TEMPORARY STORM SEWER
CLASS A, TYPE 2 @ 0.50% (TBF= 1 CU YD)
- P-34** 23'- 12" TEMPORARY STORM SEWER
CLASS A, TYPE 2, SLOPE TO DRAIN (TBF= 7 CU YD)
- P-35** 8'- 12" TEMPORARY STORM SEWER
CLASS A, TYPE 2 @ 0.50% (TBF= 1 CU YD)
- P-36** 17'- 12" TEMPORARY STORM SEWER
CLASS A, TYPE 2, SLOPE TO DRAIN (TBF= 3 CU YD)
- P-37** 8'- 12" TEMPORARY STORM SEWER
CLASS A, TYPE 2 @ 0.50% (TBF= 1 CU YD)
- P-38** 8'- 12" TEMPORARY STORM SEWER
CLASS A, TYPE 2 @ 0.50% (TBF= 1 CU YD)

WETLAND SITE 2
IMPACTED AREA = 0.0000 AC.
TOTAL AREA = 0.2605 AC.
FOI = 0.7
SIGN "NO INTRUSION"
BEGIN PEB +20

APEX
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Chicago, IL 60601

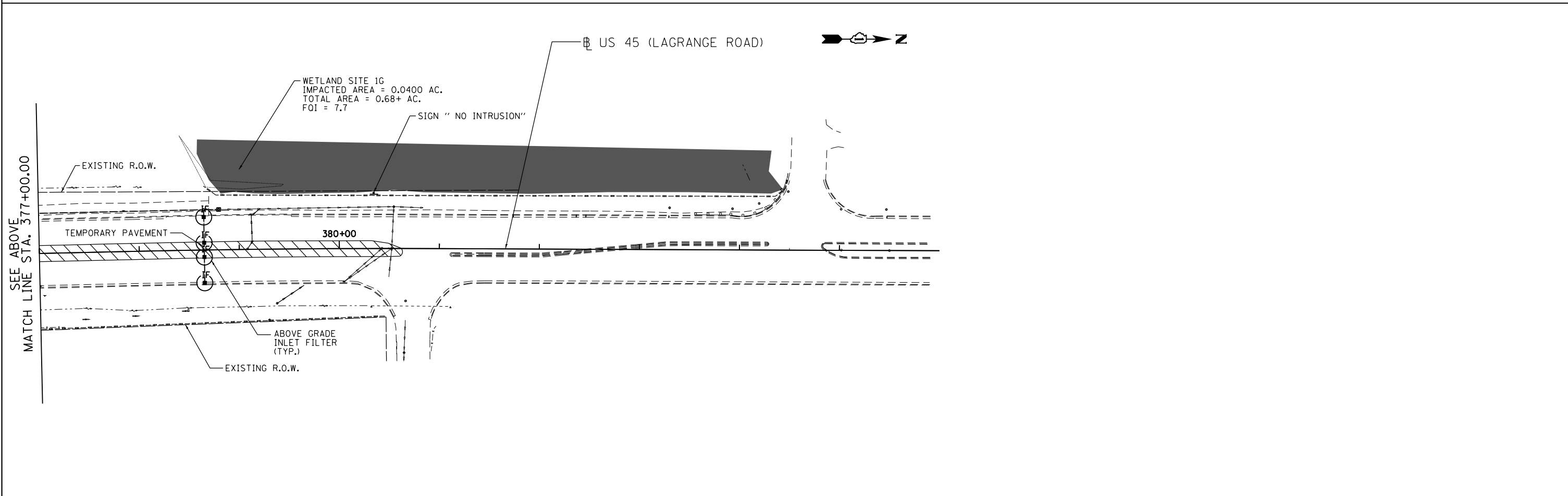
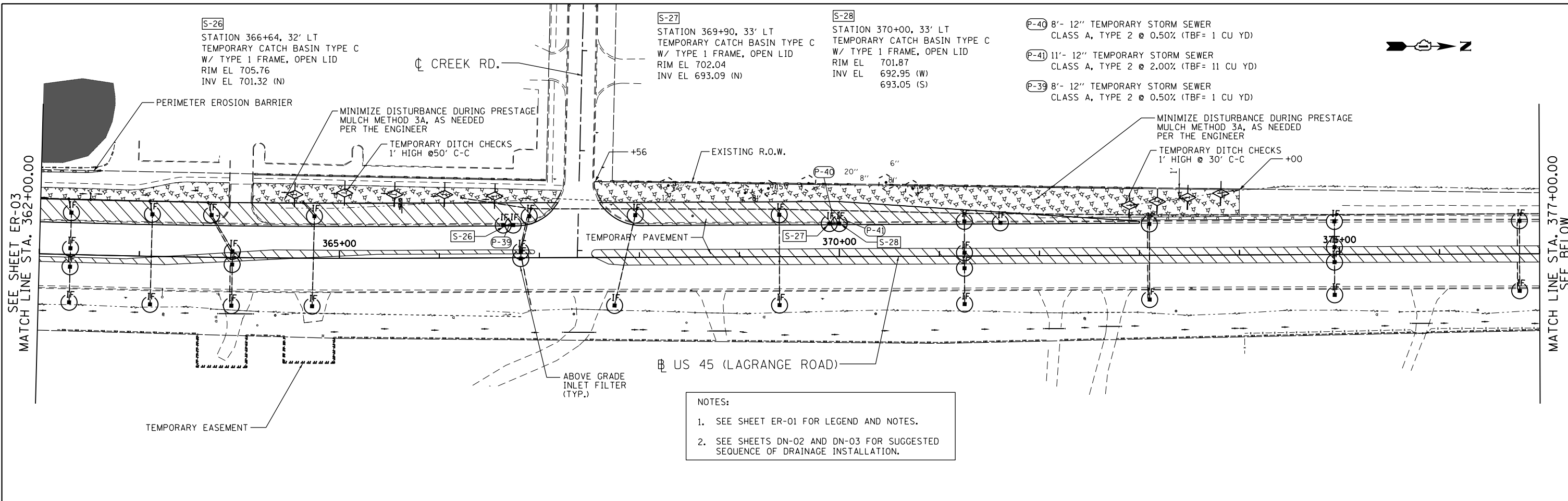
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		CHECKED - W.H.I.	REVISED -
		DATE - 02/08/2013	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

EROSION AND SEDIMENT CONTROL PLAN
US 45 (LAGRANGE ROAD) NORTH CONTRACT - PRE-STAGE
SCALE: 1"=50' SHEET NO. 4 OF 5 SHEETS STA. 332+00.00 TO STA. 362+00.00

F.A.P. R.T.E. 330	SECTION 103R-5	COUNTY COOK	TOTAL SHEETS 778	SHEET NO. 127
ER-04		CONTRACT NO. 60M62		
ILLINOIS FED. AID PROJECT				

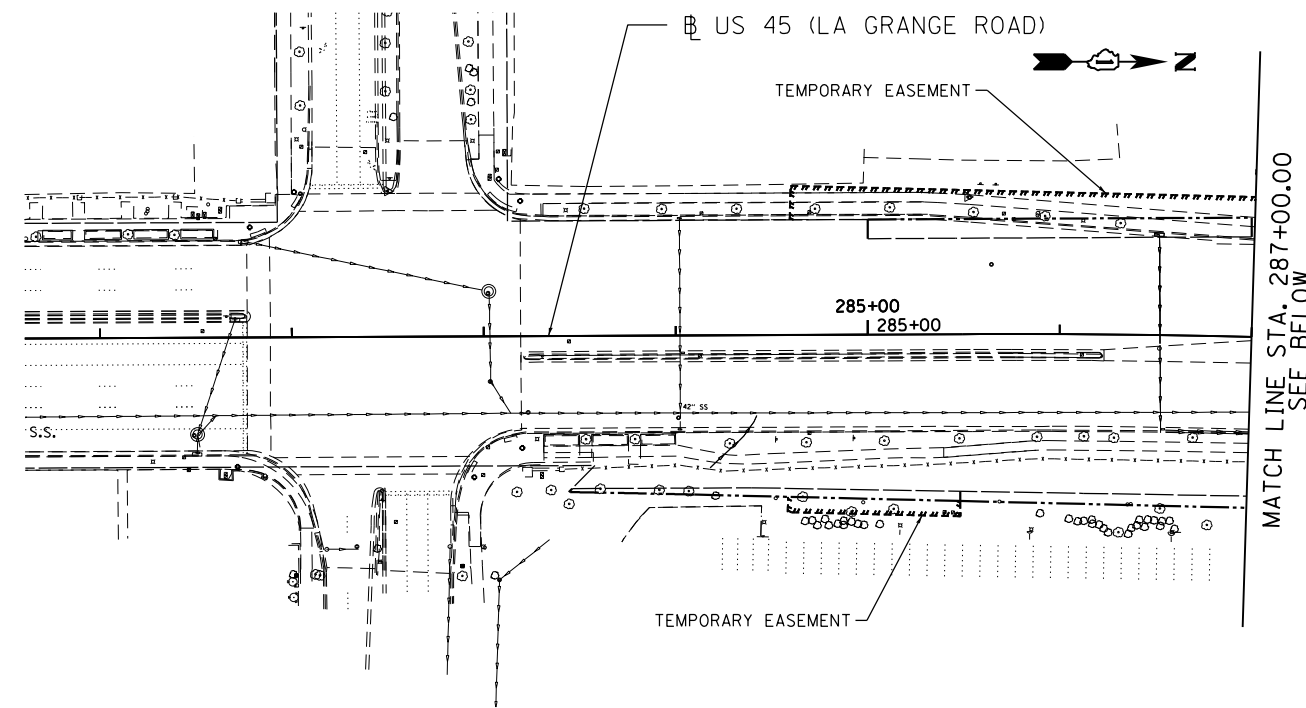
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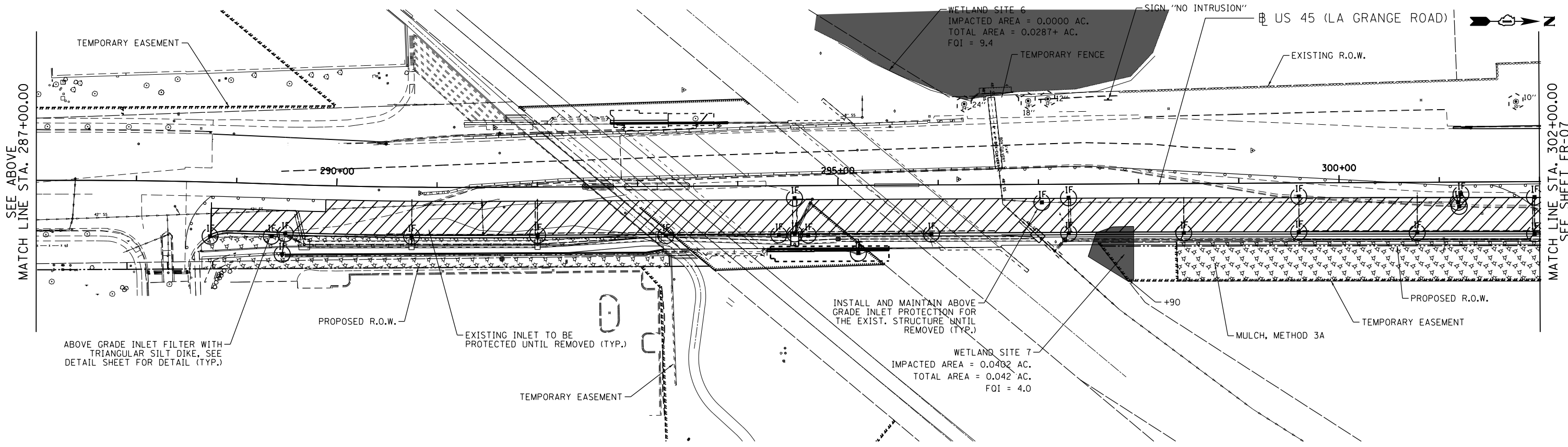
APEX
CONSULTING ENGINEERS, LLC
111 E. Wacker Drive, Suite 520
Chicago, IL 60601

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	PLOT SCALE = 100.000000' / in.	DRAWN - MP	REVISED -			330	103R-5	COOK	778	128	
	PLOT DATE = 3/14/2013	CHECKED - WI	REVISED -			ER-05		CONTRACT NO. 60M62			
		DATE - 02/08/2013	REVISED -			SCALE: 1"=50'	SHEET NO. 5 OF 5 SHEETS	STA. 362+00.00 TO STA. END	ILLINOIS FED. AID PROJECT		

D160M62-SHT-ER0505_Prestage.dgn 3/14/2013 6:16:52 PM



MATCH LINE STA. 287+00.00
SEE BELOW



SEE ABOVE
MATCH LINE STA. 287+00.00

MATCH LINE STA. 302+00.00
SEE SHEET ER-07

APEX
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Chicago, IL 60601

FILE NAME = D160M62-SHT-ER0506_Stage 1.dgn	USER NAME = Frank.Stallone	DESIGNED - LN	REVISED -
		DRAWN - MP	REVISED -
	PLOT SCALE = 1:50	CHECKED - WI	REVISED -
	PLOT DATE = 05/13/2011	DATE - 02/08/2013	REVISED -

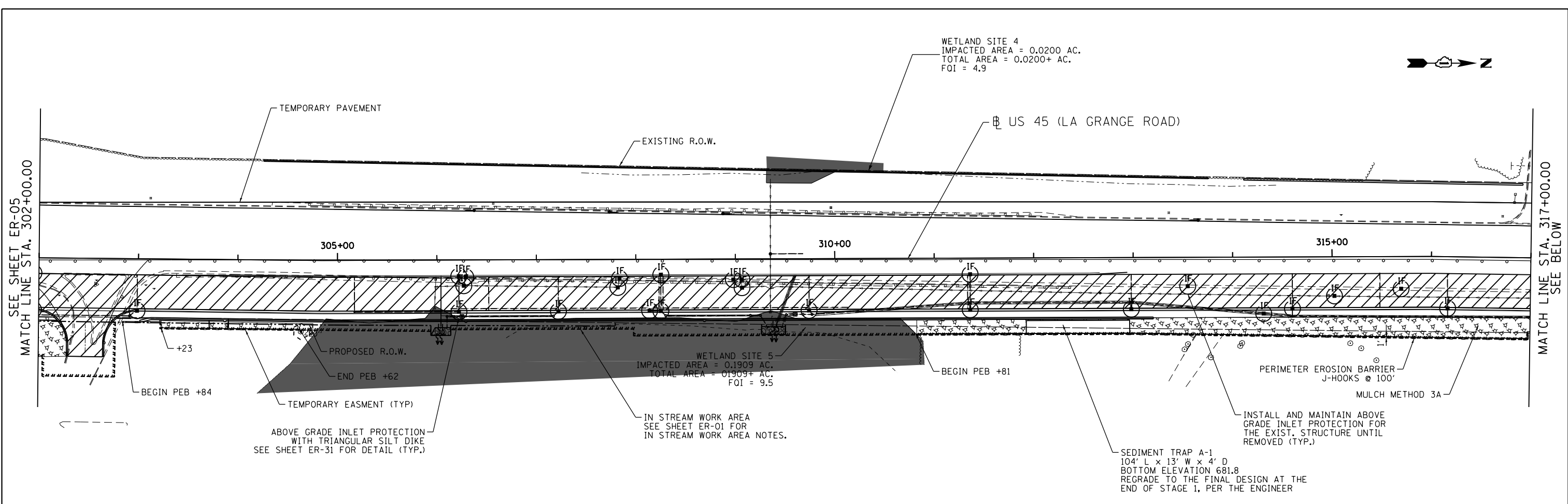
**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**EROSION AND SEDIMENT CONTROL PLAN
US 45 (LAGRANGE ROAD) - NORTH CONTRACT - STAGE 1**

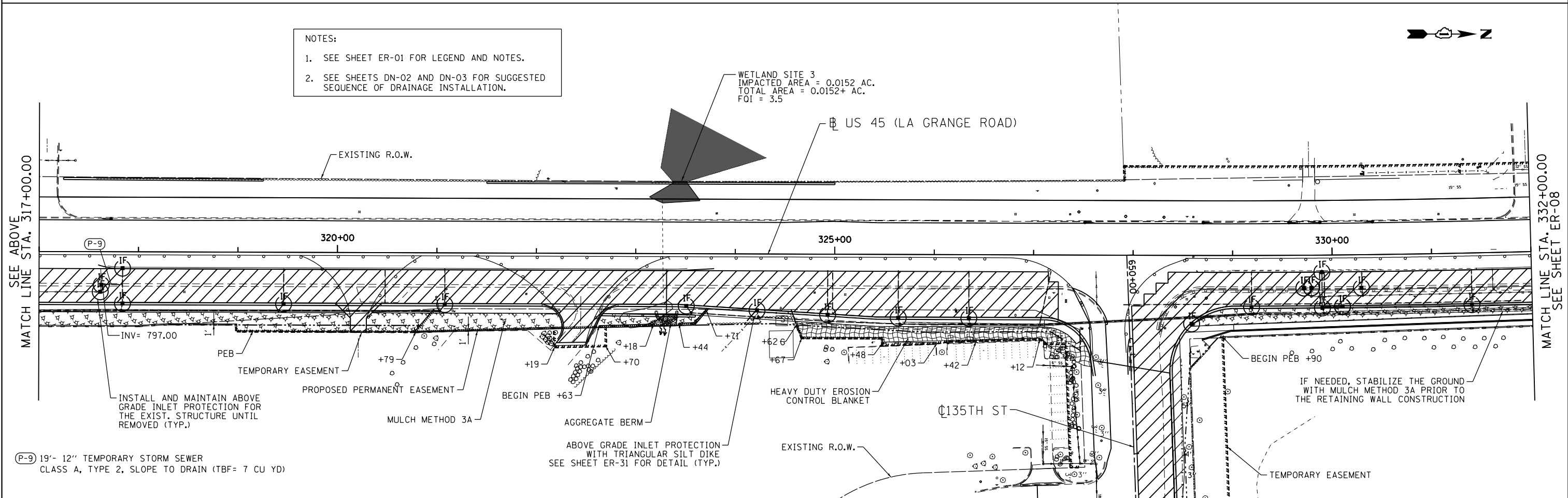
SCALE: 1"=50' SHEET NO. 1 OF 4 SHEETS STA. BEGIN TO STA. 302+00.00

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
330	103R-5	COOK	778	129
ER-06		CONTRACT NO. 60M62		
ILLINOIS FED. AID PROJECT				

D160M62-SHT-ER0506_Stage 1.dgn 3/14/2013 6:16:55 PM



NOTES:
 1. SEE SHEET ER-01 FOR LEGEND AND NOTES.
 2. SEE SHEETS DN-02 AND DN-03 FOR SUGGESTED SEQUENCE OF DRAINAGE INSTALLATION.



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FILE NAME =	USER NAME = Frank.Stallone	DESIGNED - LN	REVISED -
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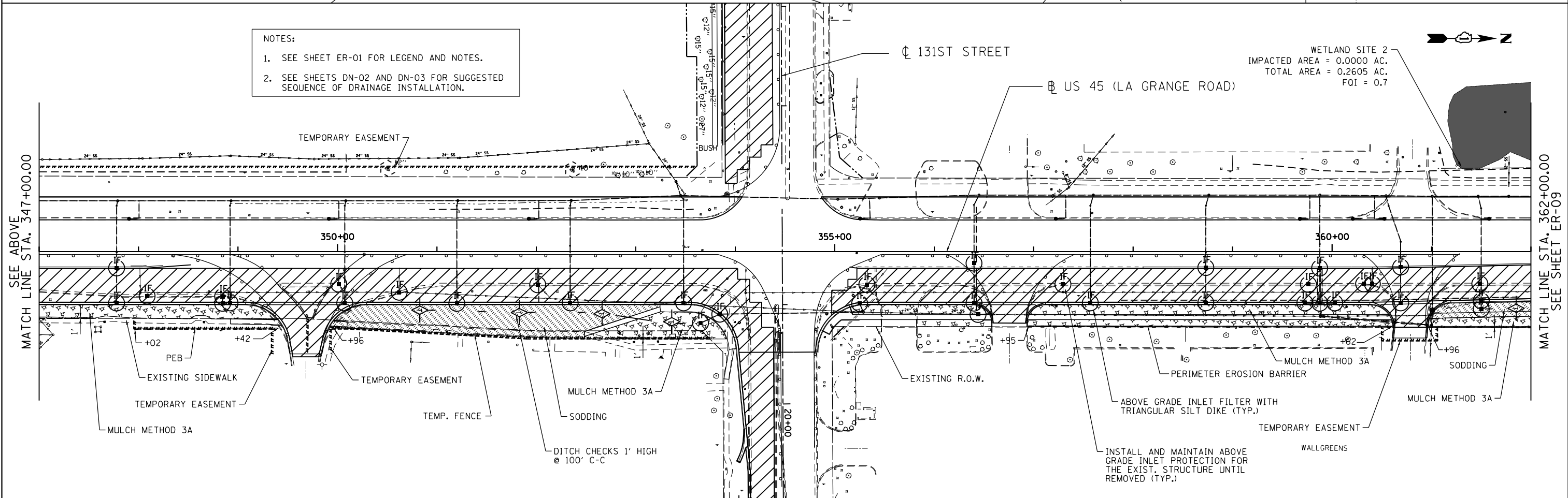
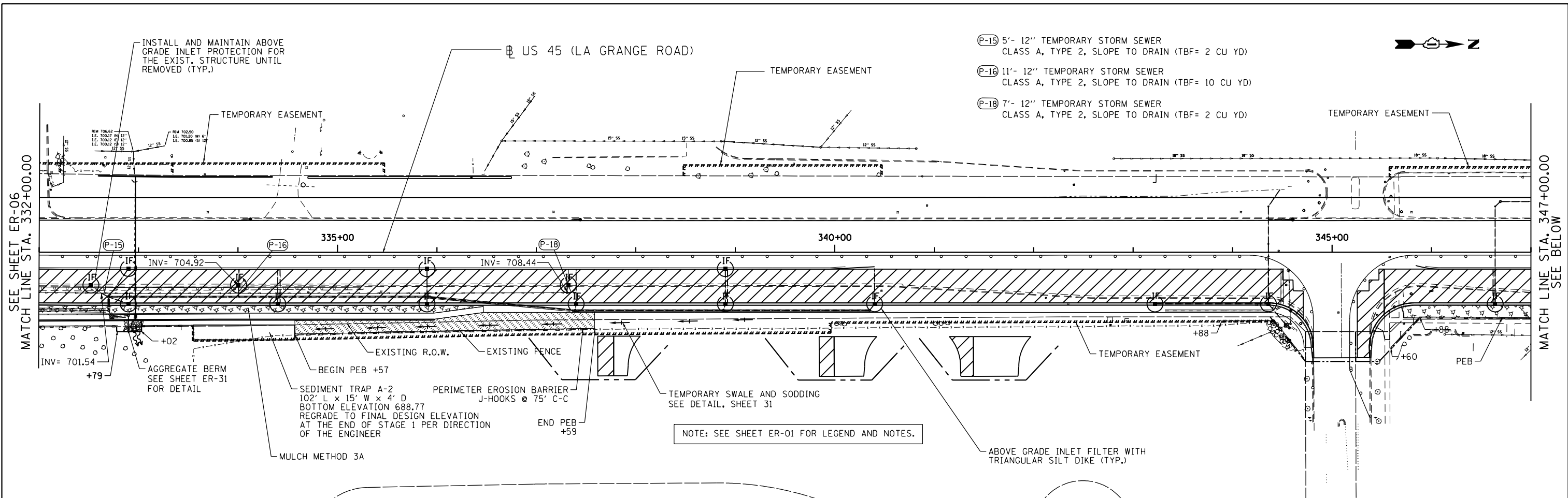
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

EROSION AND SEDIMENT CONTROL PLAN
US 45 (LAGRANGE ROAD) NORTH CONTRACT - STAGE 1

SCALE: 1"=50' SHEET NO. 2 OF 4 SHEETS STA. 302+00.00 TO STA. 332+00.00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
330	103R-5	COOK	778	130
ER-07			CONTRACT NO. 60M62	
ILLINOIS FED. AID PROJECT				

D160M62-SHT-ER0507_Stage 1.dgn 3/14/2013 6:16:56 PM



NOTE: SEE SHEET ER-01 FOR LEGEND AND NOTES.

APEX
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		CHECKED - WI	REVISED -
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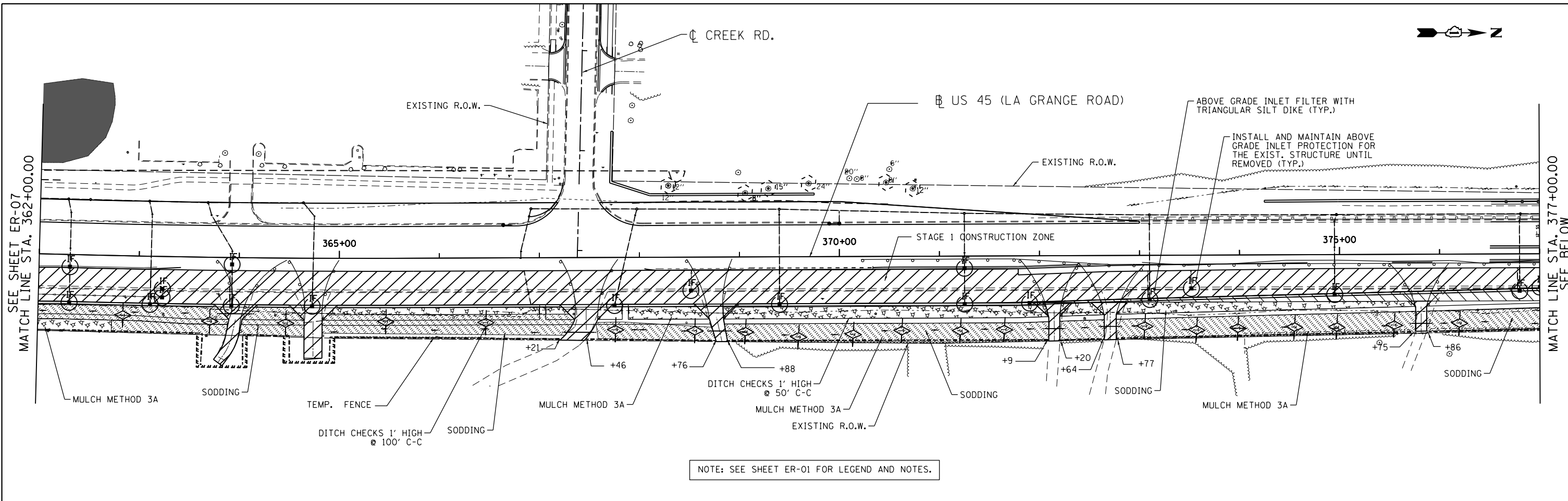
**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

**EROSION AND SEDIMENT CONTROL PLAN
 US 45 (LAGRANGE ROAD) - NORTH CONTRACT - STAGE 1**

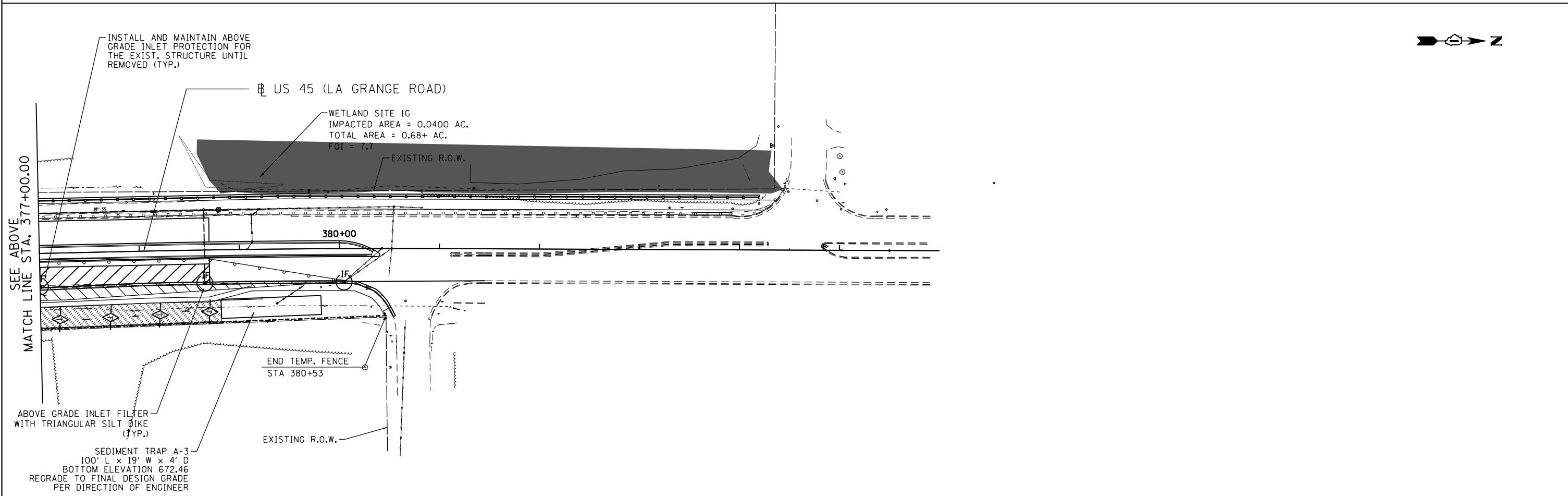
SCALE: 1"=50' SHEET NO. 3 OF 4 SHEETS STA. 332+00.00 TO STA. 362+00.00

F.A.P. R.T.E. 330	SECTION 103R-5	COUNTY COOK	TOTAL SHEETS 778	SHEET NO. 131
ER-08		CONTRACT NO. 60M62		
ILLINOIS FED. AID PROJECT				

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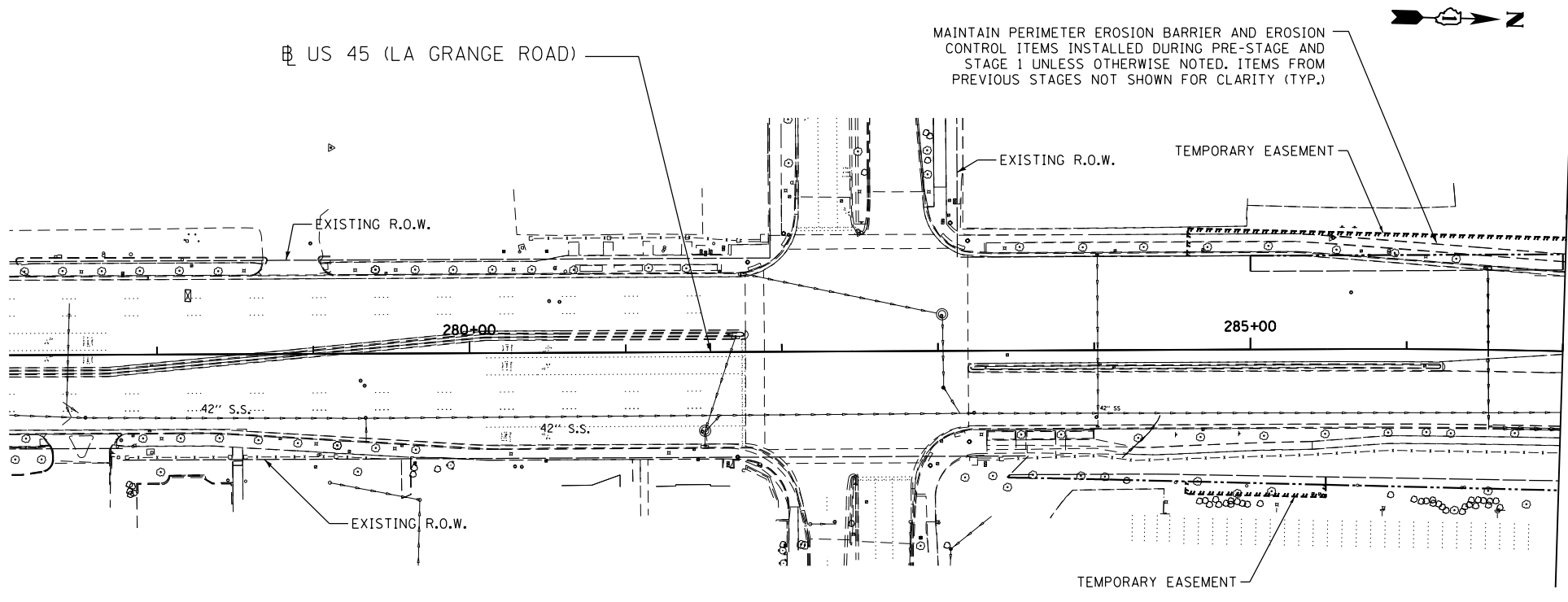
NOTE: SEE SHEET ER-01 FOR LEGEND AND NOTES.



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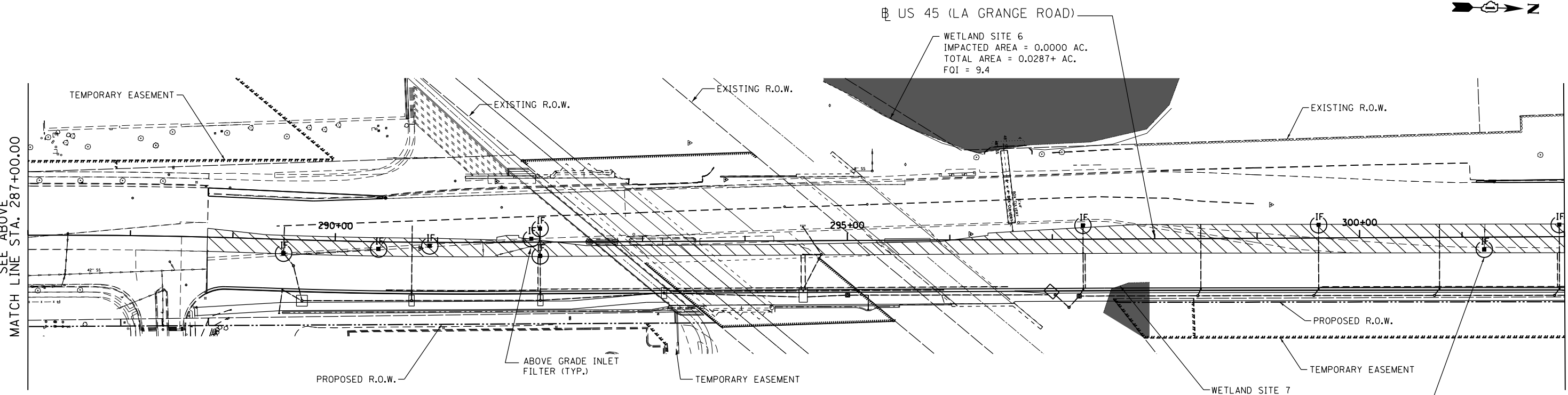
APEX
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 Chicago, IL 60601

D160M62-SHT-ER0509.Stage 1.dgn 3/14/2013 6:16:59 PM



NOTE: SEE SHEET ER-01 FOR LEGEND AND NOTES.

MATCH LINE STA. 287+00.00
SEE BELOW



SEE ABOVE
MATCH LINE STA. 287+00.00

MATCH LINE STA. 302+00.00
SEE SHEET ER-11

APEX
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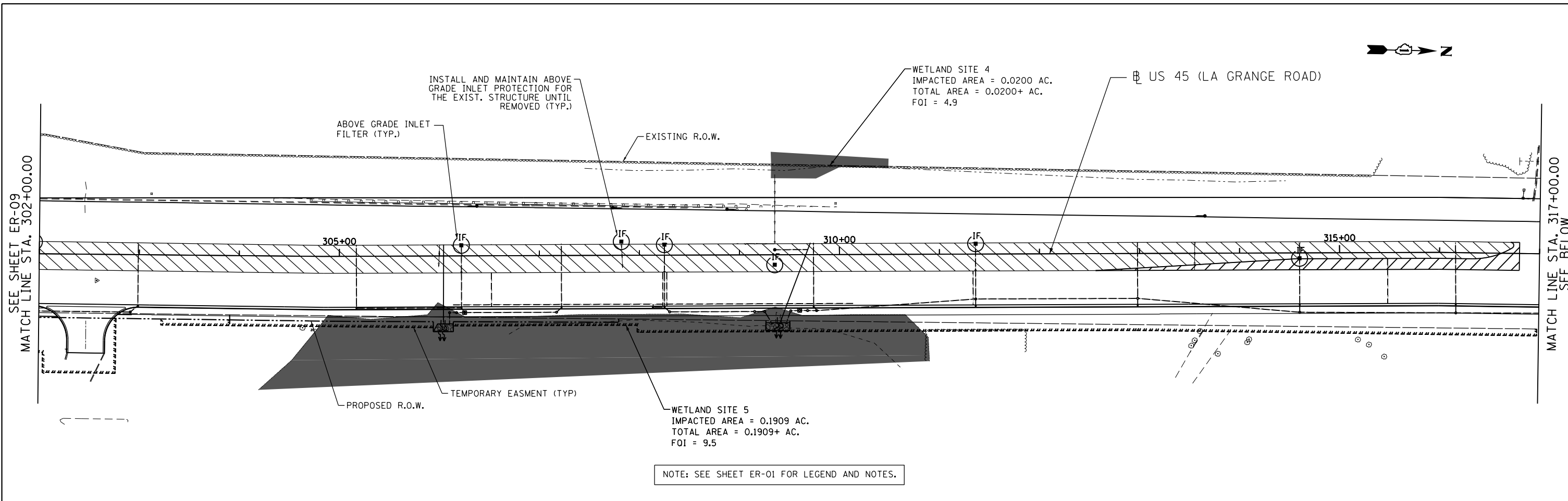
**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**EROSION AND SEDIMENT CONTROL PLAN
US 45 (LAGRANGE ROAD) NORTH CONTRACT - STAGE 2**

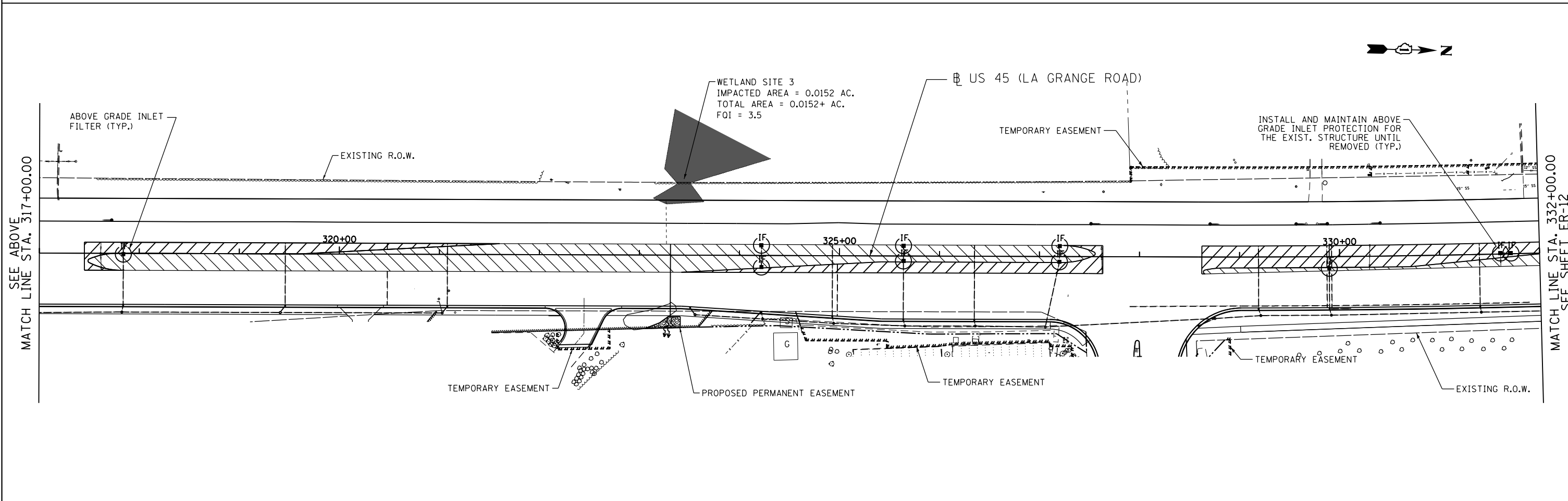
SCALE: 1"=50' SHEET NO. 1 OF 4 SHEETS STA. BEGIN TO STA. 302+00.00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
330	103R-5	COOK	778	133
ER-10			CONTRACT NO. 60M62	
ILLINOIS FED. AID PROJECT				

D160M62-SHT-ER05010_Stage 2.dgn 3/14/2013 6:17:01 PM



NOTE: SEE SHEET ER-01 FOR LEGEND AND NOTES.



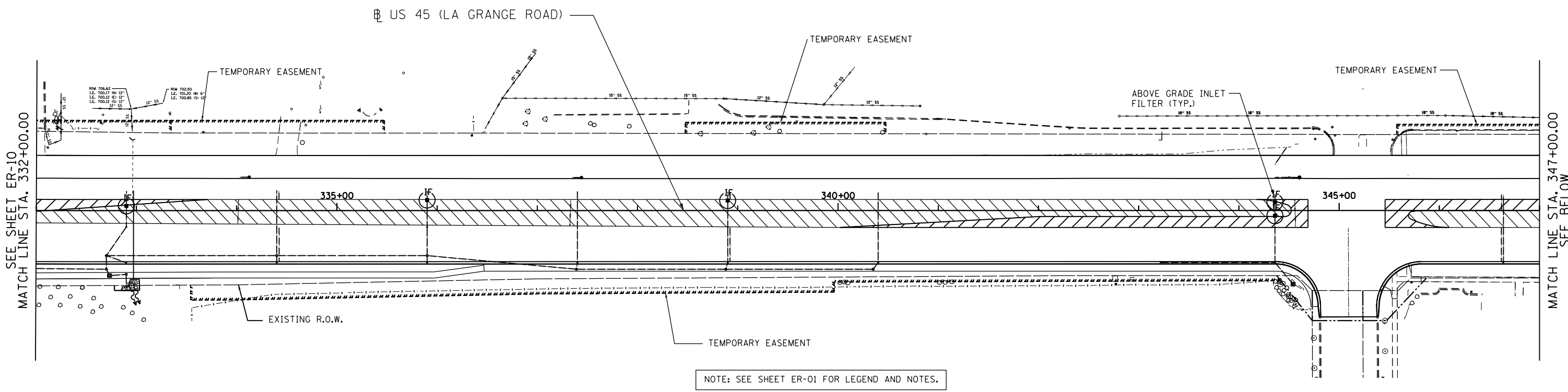
APEX
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Chicago, IL 60601

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	PLOT DATE = 3/14/2013	DATE - 02/08/2013	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

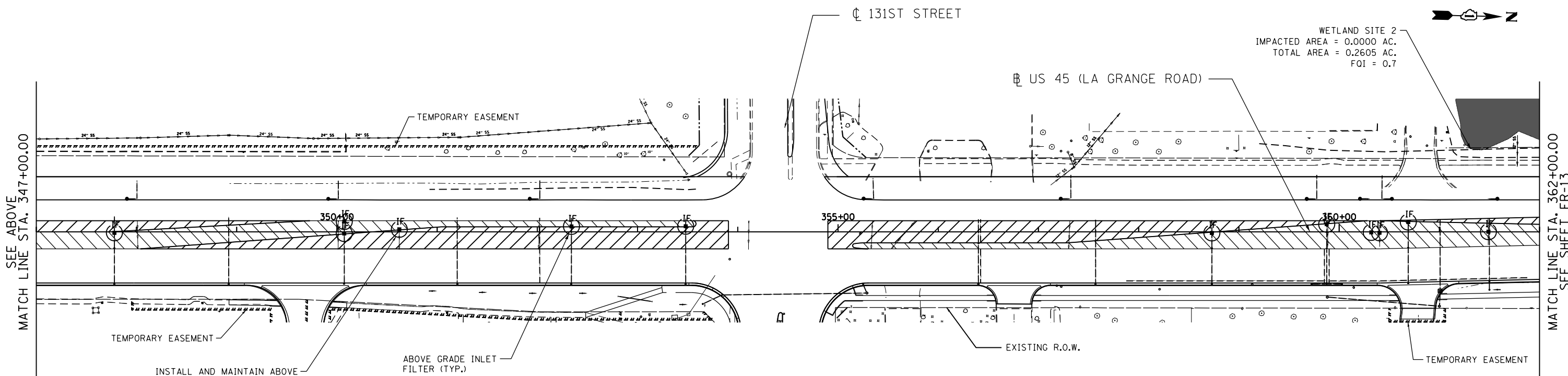
**EROSION AND SEDIMENT CONTROL PLAN
US 45 (LAGRANGE ROAD) NORTH CONTRACT - STAGE 2**

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
330	103R-5	COOK	778	134
ER-11		CONTRACT NO. 60M62		
ILLINOIS FED. AID PROJECT				



SEE SHEET ER-10
MATCH LINE STA. 332+00.00

MATCH LINE STA. 347+00.00
SEE BELOW



SEE ABOVE
MATCH LINE STA. 347+00.00

MATCH LINE STA. 362+00.00
SEE SHEET ER-13

APEX
CONSULTING ENGINEERS, LLC
111 E. Wacker Drive, Suite 520
Chicago, IL 60601

FILE NAME = D:\60M62-SHT-ER0512_Stage 2.dgn

USER NAME = Frank.Stallone
DRAWN - MP
CHECKED - WI
PLOT DATE = 3/14/2013

DESIGNED - LN
REVIS -
DATE - 02/08/2013

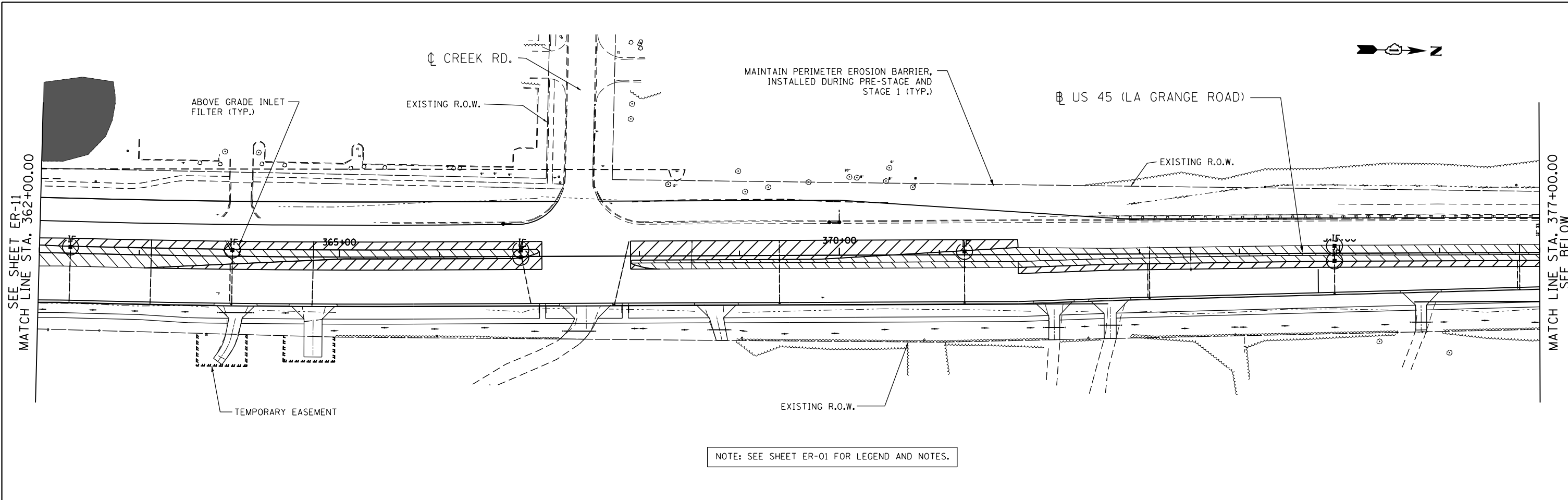
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**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

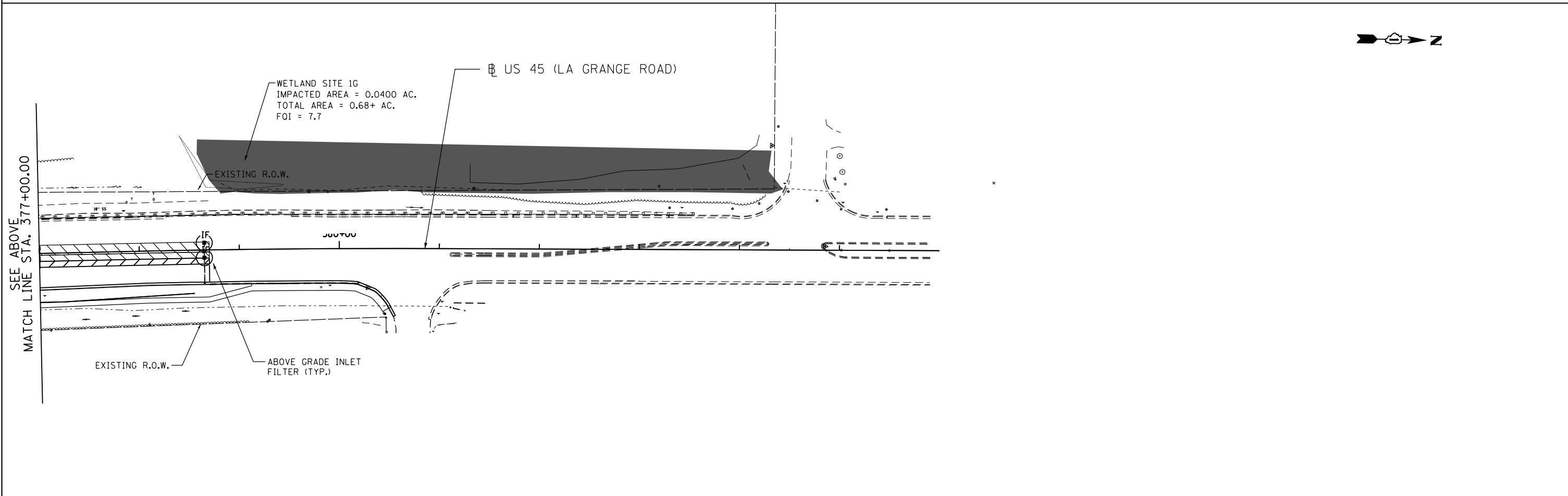
**EROSION AND SEDIMENT CONTROL PLAN
US 45 (LAGRANGE ROAD) NORTH CONTRACT - STAGE 2**

SCALE: 1"=50' SHEET NO. 3 OF 4 SHEETS STA. 332+00.00 TO STA. 362+00.00

F.A.P. RFE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
330	103R-5	COOK	778	135
ER-12		CONTRACT NO. 60M62		
ILLINOIS FED. AID PROJECT				



NOTE: SEE SHEET ER-01 FOR LEGEND AND NOTES.

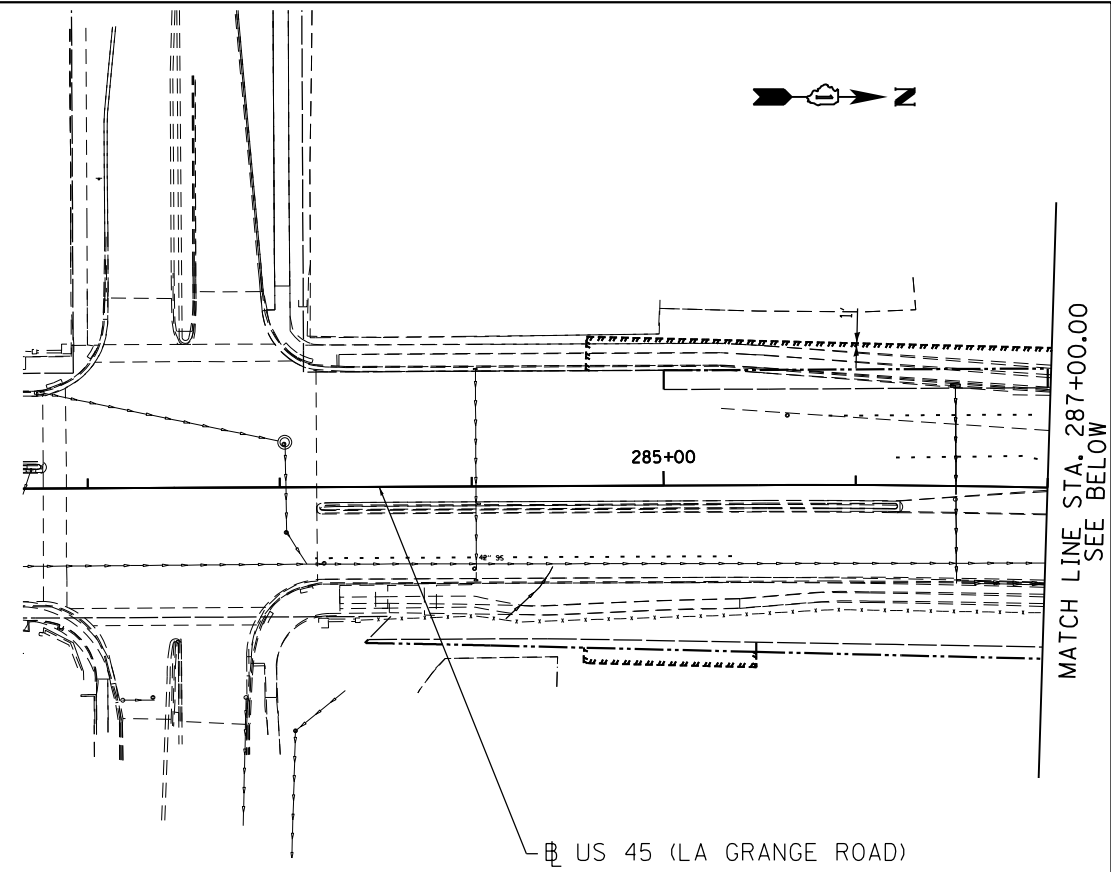


WETLAND SITE 1G
 IMPACTED AREA = 0.0400 AC.
 TOTAL AREA = 0.68+ AC.
 FOI = 7.7

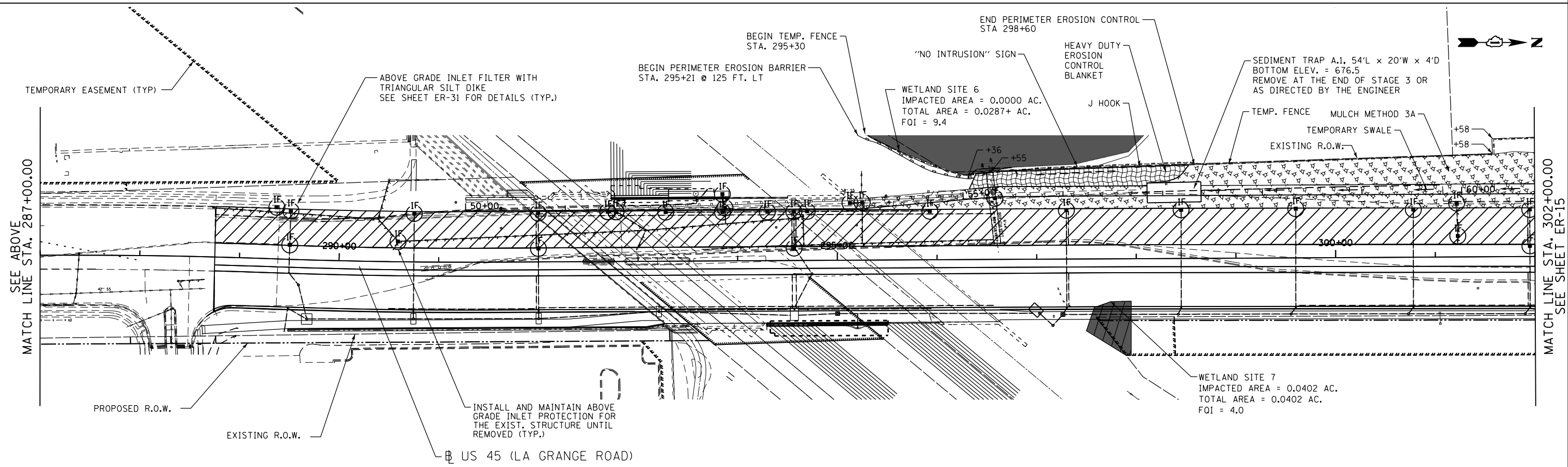
APEX
 CONSULTING ENGINEERS, LLC
 111 E. Wacker Drive, Suite 520
 Chicago, IL 60601

FILE NAME = D160M62-SHT-ER0513.Stage 2.dgn	USER NAME = Frank.Stallone	DESIGNED - LN	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	EROSION AND SEDIMENT CONTROL PLAN US 45 (LAGRANGE ROAD) NORTH CONTRACT - STAGE 2	F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	
	PLOT SCALE = 100.000000' / in.	DRAWN - MP	REVISED -			330	103R-5	COOK	778	136	
	PLOT DATE = 3/14/2013	CHECKED - WI	REVISED -			ER-13		CONTRACT NO. 60M62			
		DATE - 02/08/2013	REVISED -			SCALE: 1"=50'		SHEET NO. 4 OF 4 SHEETS		STA. 362+00.00 TO STA. END	

D160M62-SHT-ER0513.Stage 2.dgn 3/14/2013 6:17:05 PM



NOTE: SEE SHEET ER-01 FOR LEGEND AND NOTES.



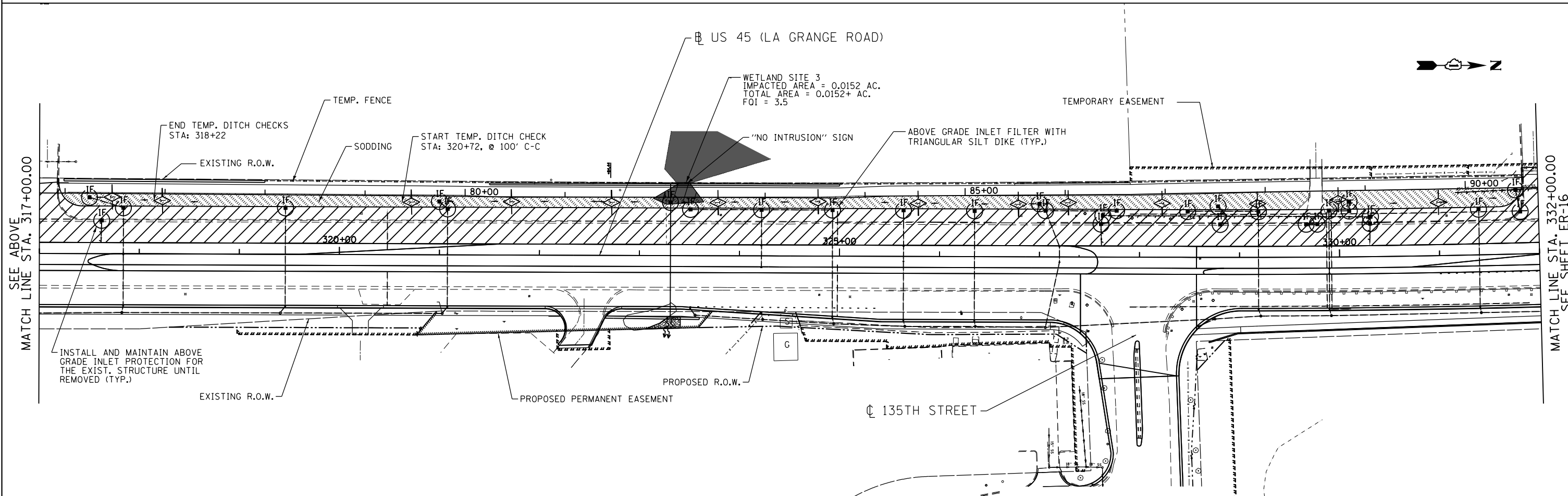
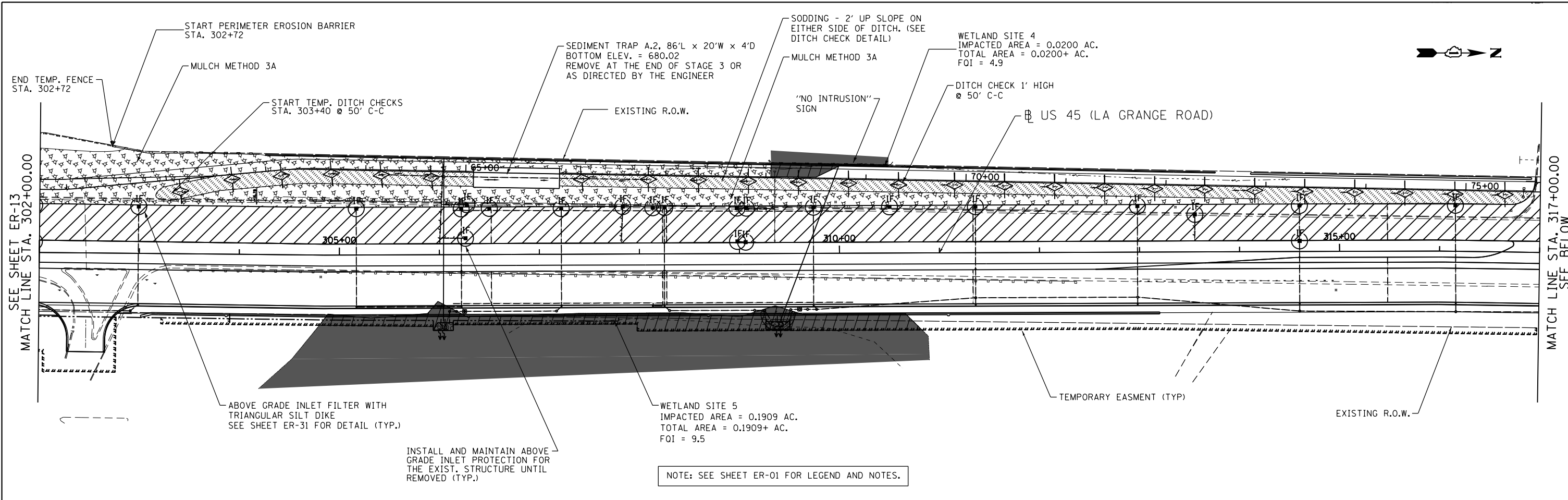
APEX
 CONSULTING ENGINEERS, LLC
 111 E. Wacker Drive, Suite 520
 Chicago, IL 60601

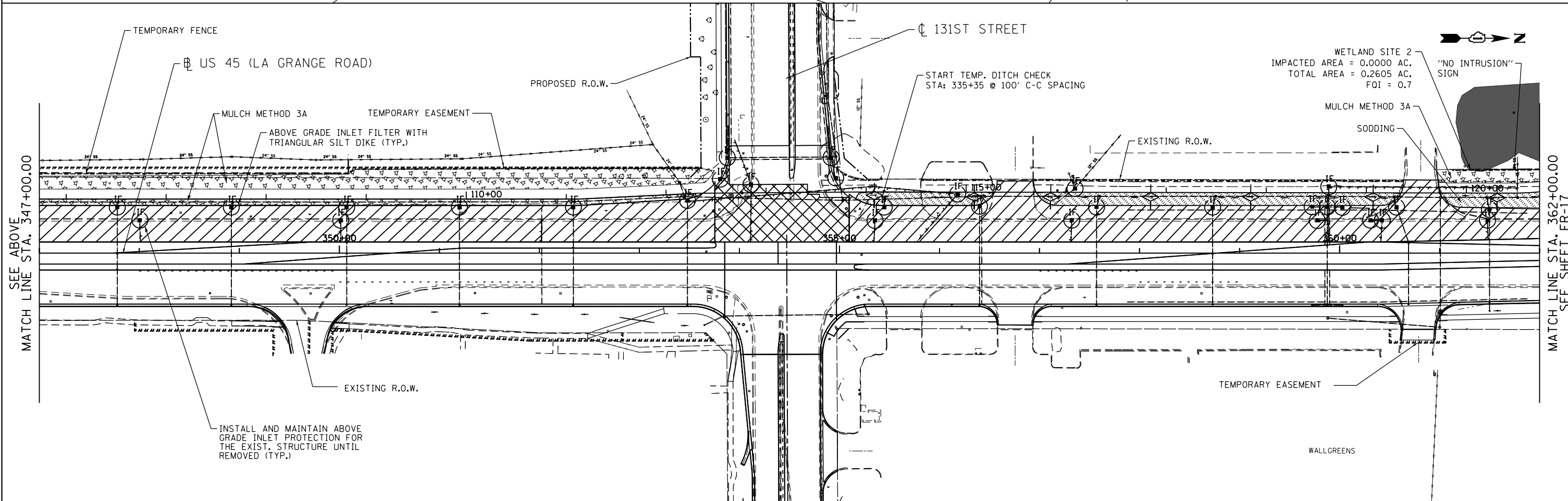
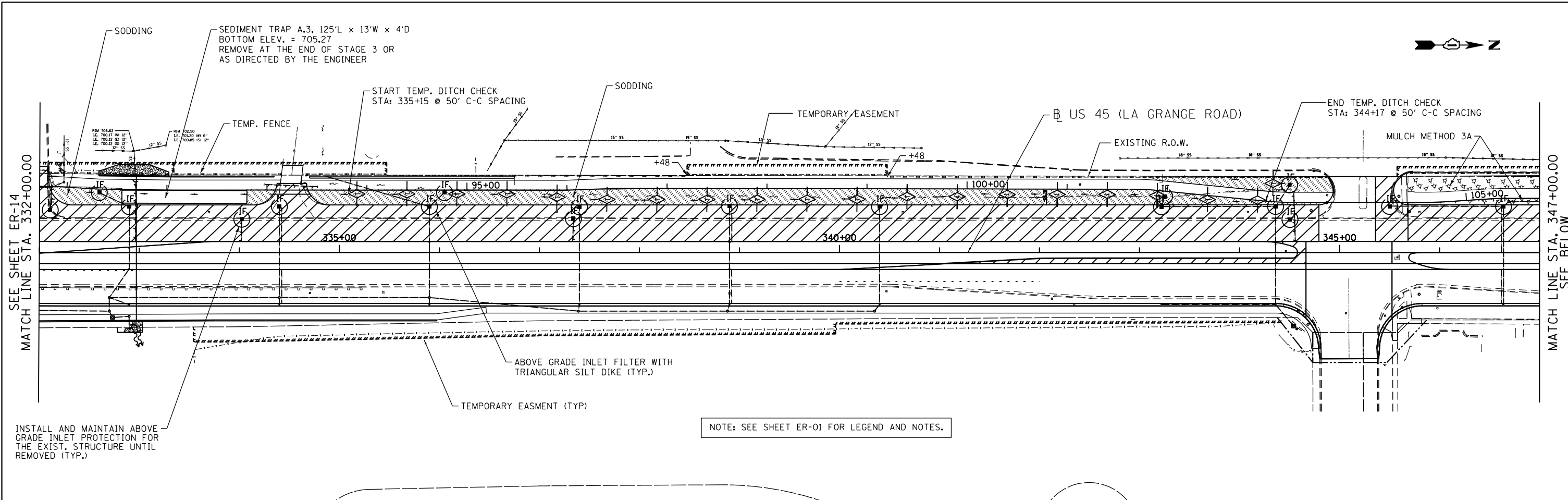
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	PLOT DATE = 3/14/2013	DATE - 02/08/2013	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

EROSION AND SEDIMENT CONTROL PLAN
US 45 (LAGRANGE ROAD) - NORTH CONTRACT - STAGE 3

F.A. RTE. P	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
330	103R-5	COOK	778	137
ER-14		CONTRACT NO. 60M62		
ILLINOIS FED. AID PROJECT				





APEX
CONSULTING ENGINEERS, LLC
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Chicago, IL 60601

FILE NAME = D160M62-SHT-ER0516_Stage 3.dgn	USER NAME = Frank.Stallone	DESIGNED - LN	REVISED -
		DRAWN - MP	REVISED -
		CHECKED - WI	REVISED -
		DATE - 02/08/2013	REVISED -

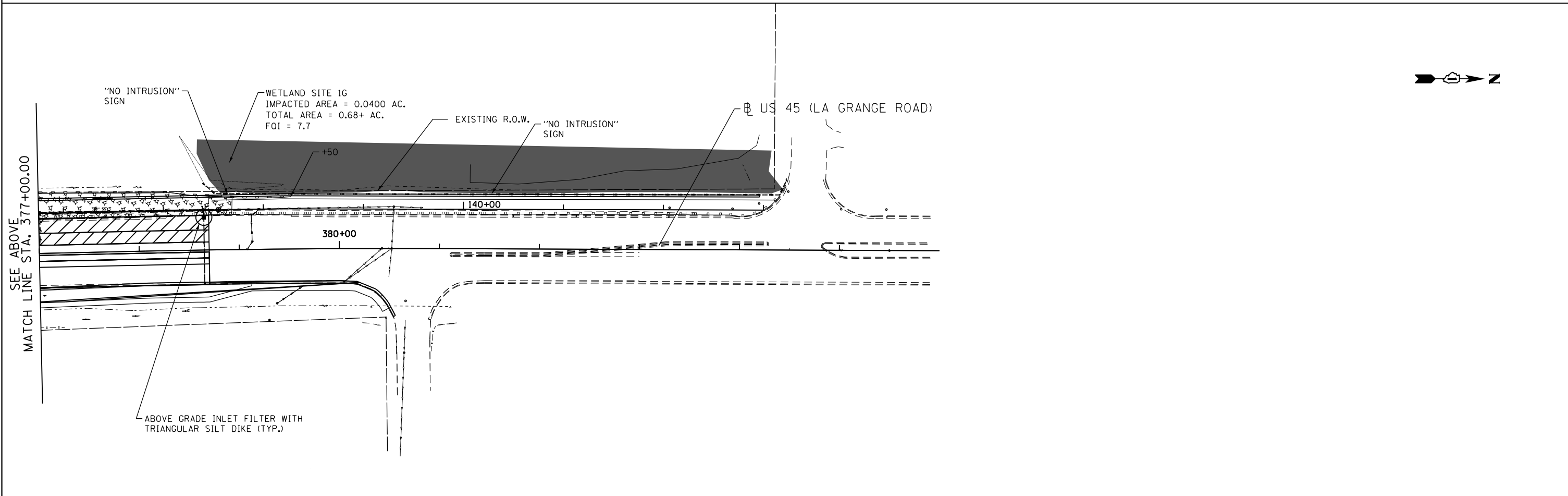
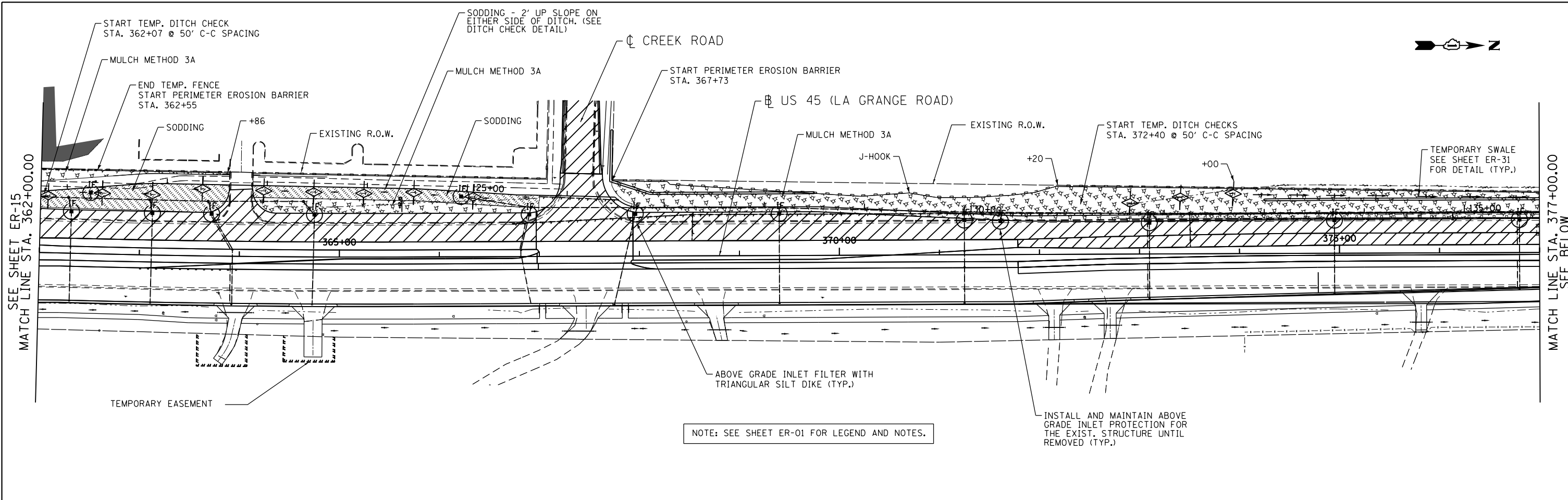
**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**EROSION AND SEDIMENT CONTROL PLAN
US 45 (LAGRANGE ROAD) NORTH CONTRACT - STAGE 3**

SCALE: 1"=50' SHEET NO. 3 OF 4 SHEETS STA. 332+00.00 TO STA. 362+00.00

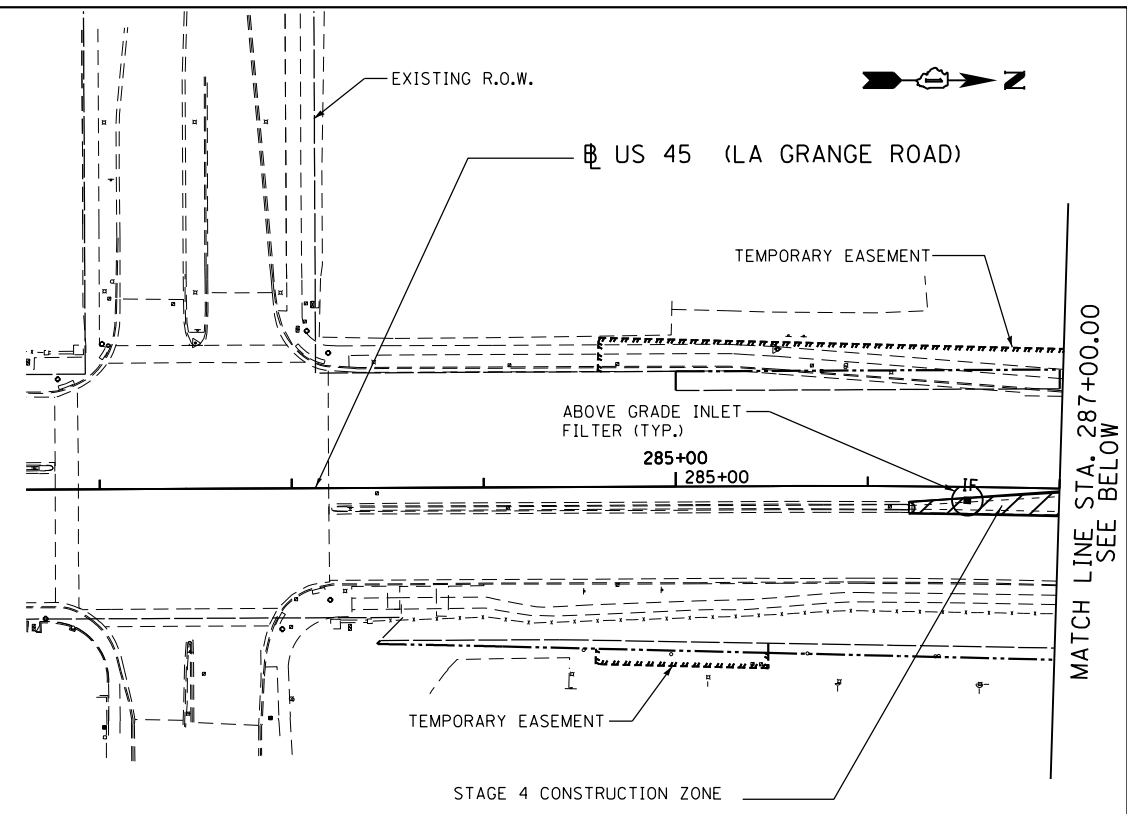
F.A.P. RFE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
330	103R-5	COOK	778	139
ER-16		CONTRACT NO. 60M62		
ILLINOIS FED. AID PROJECT				

D160M62-SHT-ER0516_Stage 3.dgn 3/14/2013 6:17:14 PM

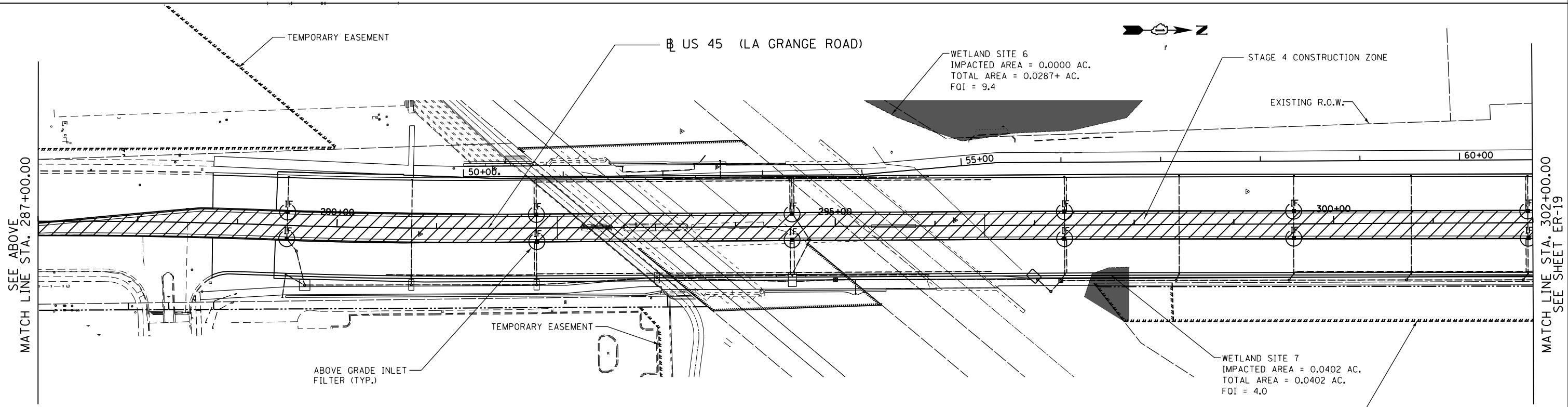


APEX
CONSULTING ENGINEERS, LLC
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Chicago, IL 60601

FILE NAME = D160M62-SHT-ER0517_Stage 3.dgn	USER NAME = Frank.Stallone	DESIGNED - LN	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	EROSION AND SEDIMENT CONTROL PLAN US 45 (LAGRANGE ROAD) - NORTH CONTRACT - STAGE 3	F.A.P. RTE. 330	SECTION 103R-5	COUNTY COOK	TOTAL SHEETS 778	SHEET NO. 140	
PLOT SCALE = 100.000000' / in.	CHECKED - WI	REVISIED -	REVISIED -			ER-17		CONTRACT NO. 60M62		ILLINOIS FED. AID PROJECT	
PLOT DATE = 3/14/2013	DATE - 02/08/2013	REVISIED -	REVISIED -			SCALE: 1"=50'	SHEET NO. 4 OF 4 SHEETS	STA. 362+00.00 TO STA. END			
D160M62-SHT-ER0517_Stage 3.dgn 3/14/2013 6:17:15 PM											



NOTE: SEE SHEET ER-01 FOR LEGEND AND NOTES.



APEX
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FILE NAME =	USER NAME = Frank.Stallone	DESIGNED - LN	REVISED -
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	PLOT DATE = 3/14/2013	DATE - 02/08/2013	REVISED -

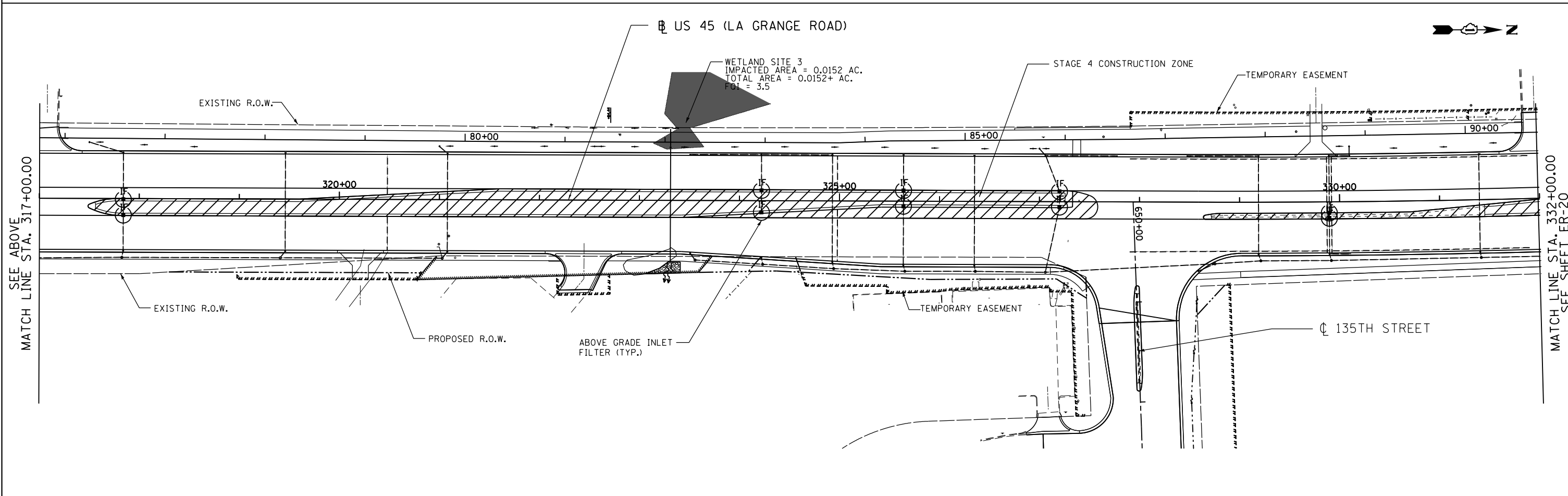
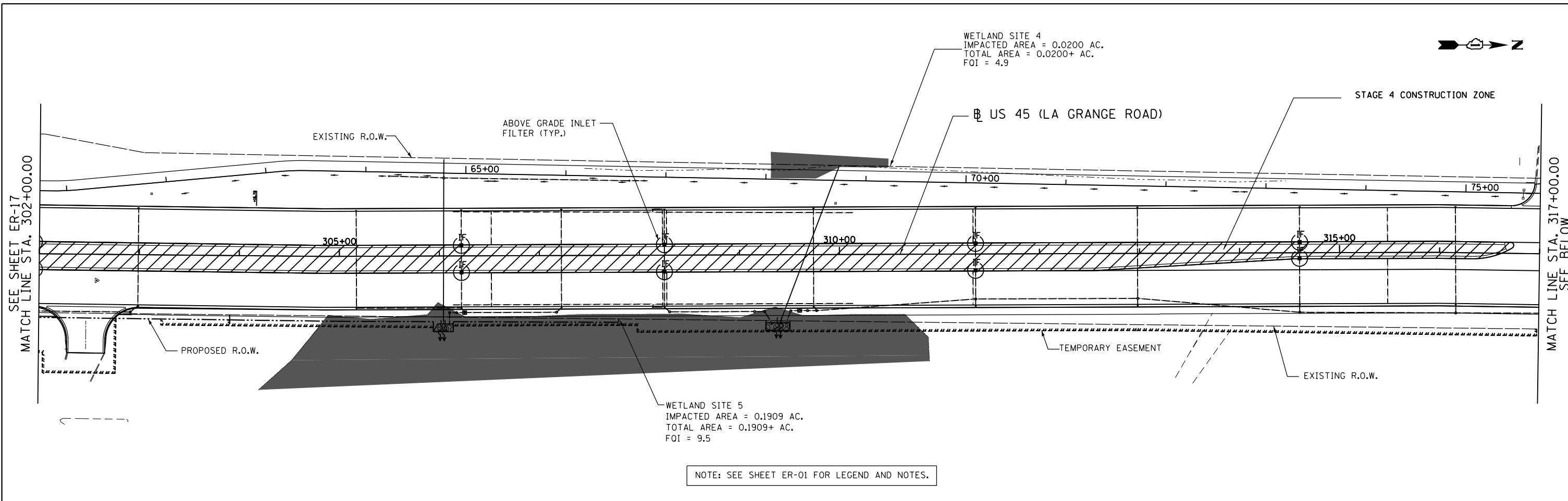
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

EROSION AND SEDIMENT CONTROL PLAN
US 45 (LAGRANGE ROAD) NORTH CONTRACT - STAGE 4

SCALE: 1"=50' SHEET NO. 1 OF 4 SHEETS STA. BEGIN TO STA. 302+00.00

F.A.P. RFE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
330	103R-5	COOK	778	141
ER-18			CONTRACT NO. 60M62	
ILLINOIS FED. AID PROJECT				

D160M62-SHT-ER0518_Stage 4.dgn 3/14/2013 6:17:17 PM

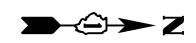


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	PLOT SCALE = 100.000000' / in.	CHECKED - WI	REVISED -		330	103R-5	COOK	778	142			
	PLOT DATE = 3/14/2013	DATE - 02/08/2013	REVISED -		ER-19			CONTRACT NO. 60M62				
					ILLINOIS FED. AID PROJECT							
SCALE: 1"=50'				SHEET NO. 2 OF 4 SHEETS		STA. 302+00.00 TO STA. 332+00.00						

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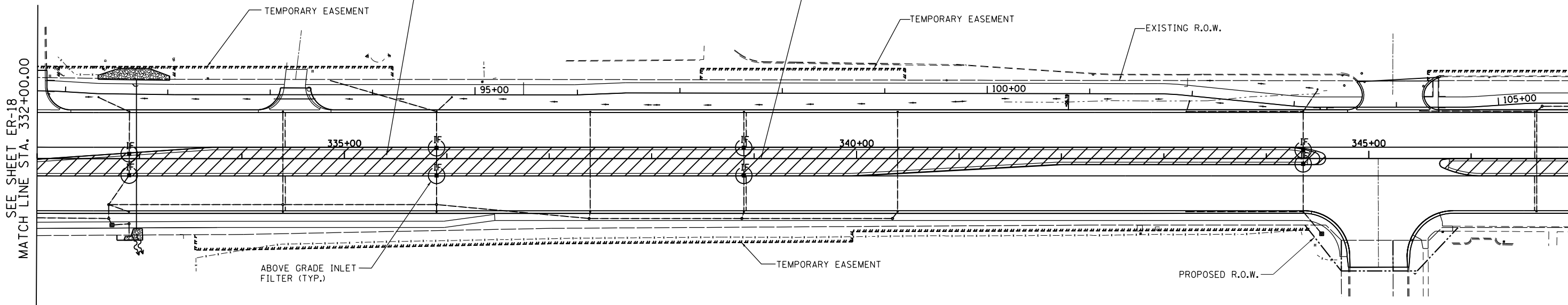
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FINAL



US 45 (LA GRANGE ROAD)

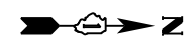
STAGE 4 CONSTRUCTION ZONE



SEE SHEET ER-18
MATCH LINE STA. 332+00.00

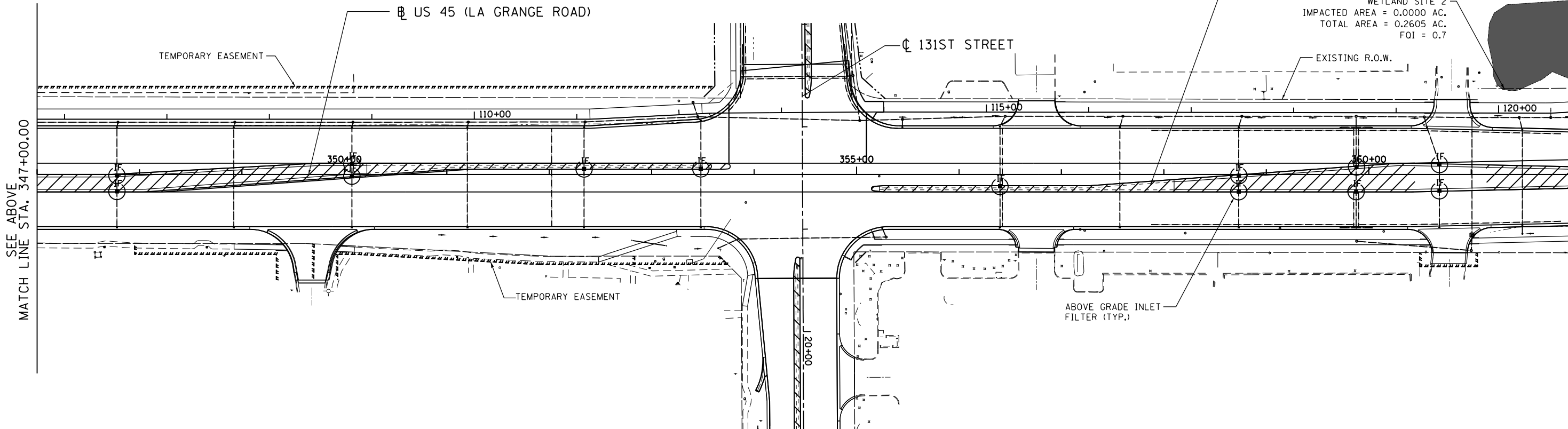
MATCH LINE STA. 347+00.00
SEE BELOW

NOTE: SEE SHEET ER-01 FOR LEGEND AND NOTES.



US 45 (LA GRANGE ROAD)

STAGE 4 CONSTRUCTION ZONE



SEE ABOVE
MATCH LINE STA. 347+00.00

MATCH LINE STA. 362+00.00
SEE SHEET ER-21

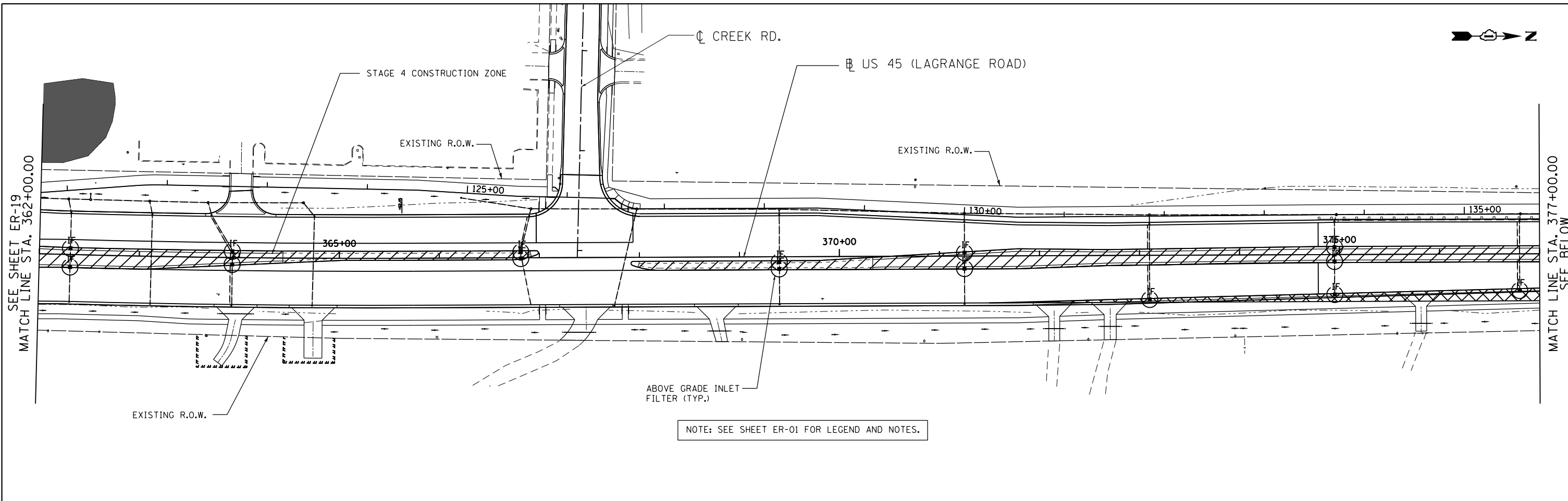
APEX
CONSULTING ENGINEERS, LLC
111 E. Wacker Drive, Suite 520
Chicago, IL 60601

FILE NAME =	USER NAME = Frank.Stallone	DESIGNED - LN	REVISED -
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	PLOT DATE = 3/14/2013	DATE - 02/08/2013	REVISED -

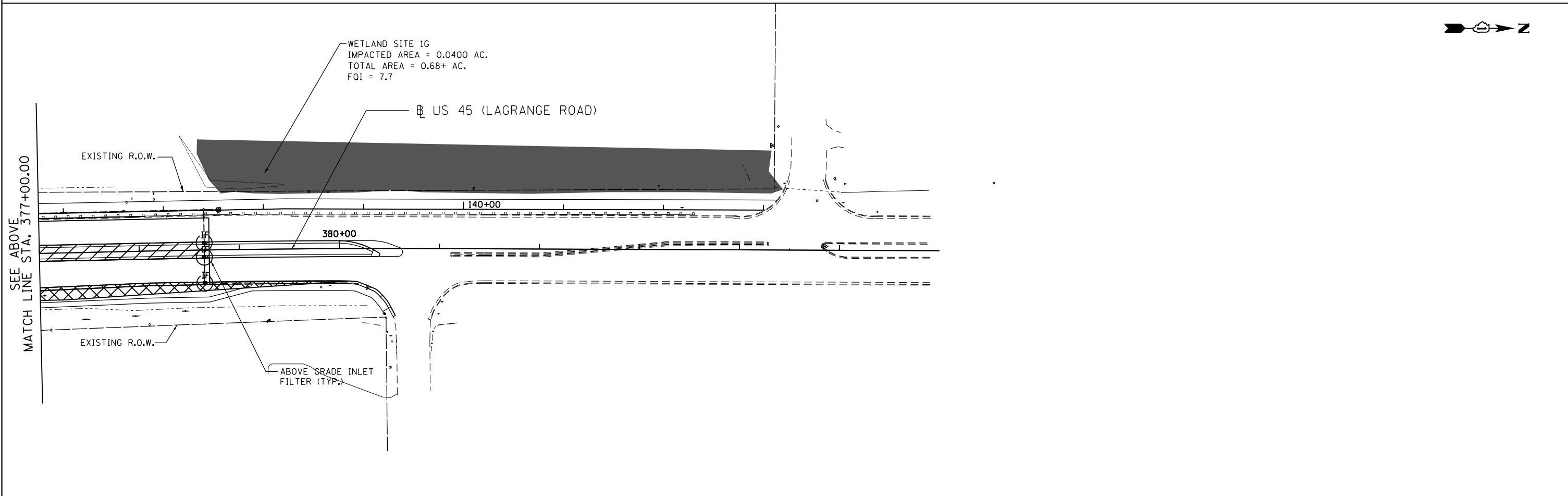
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

EROSION AND SEDIMENT CONTROL PLAN
US 45 (LAGRANGE ROAD) NORTH CONTRACT - STAGE 4
SCALE: 1"=50' SHEET NO. 3 OF 4 SHEETS STA. 332+00.00 TO STA. 362+00.00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
330	103R-5	COOK	778	143
ER-20		CONTRACT NO. 60M62		
ILLINOIS FED. AID PROJECT				



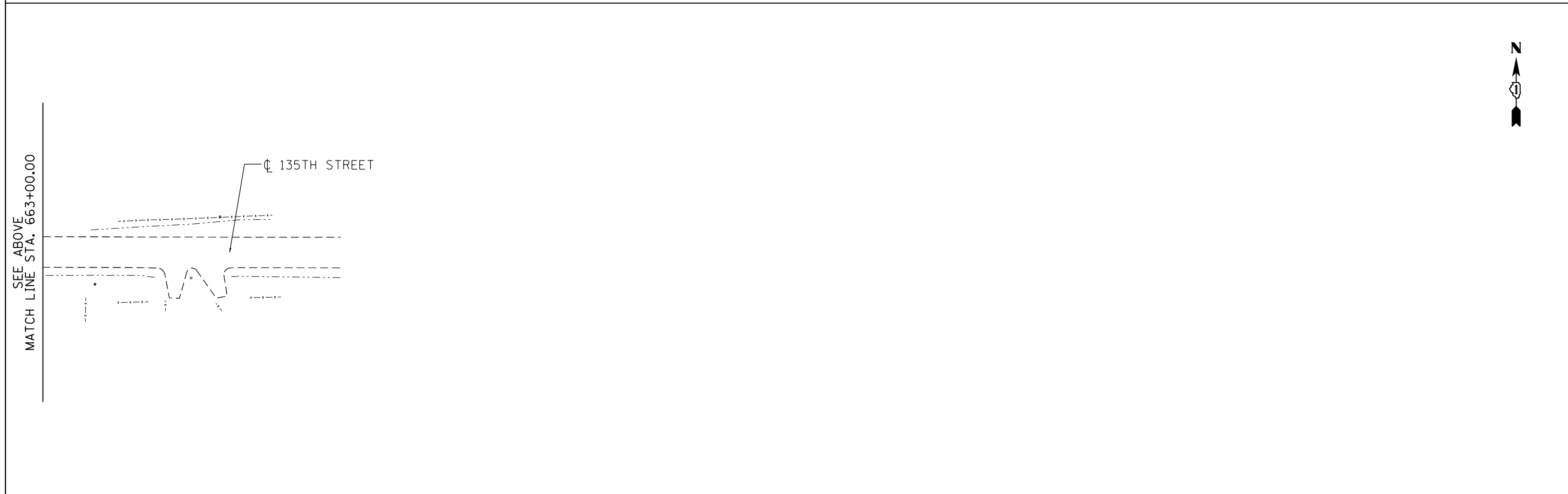
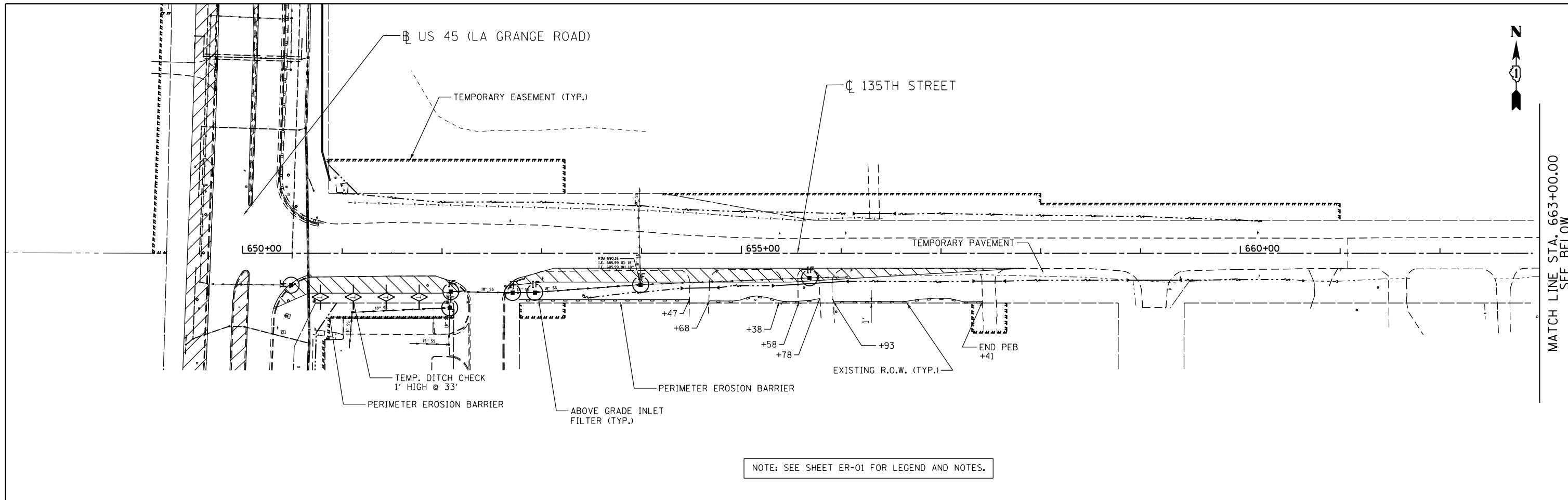
NOTE: SEE SHEET ER-01 FOR LEGEND AND NOTES.



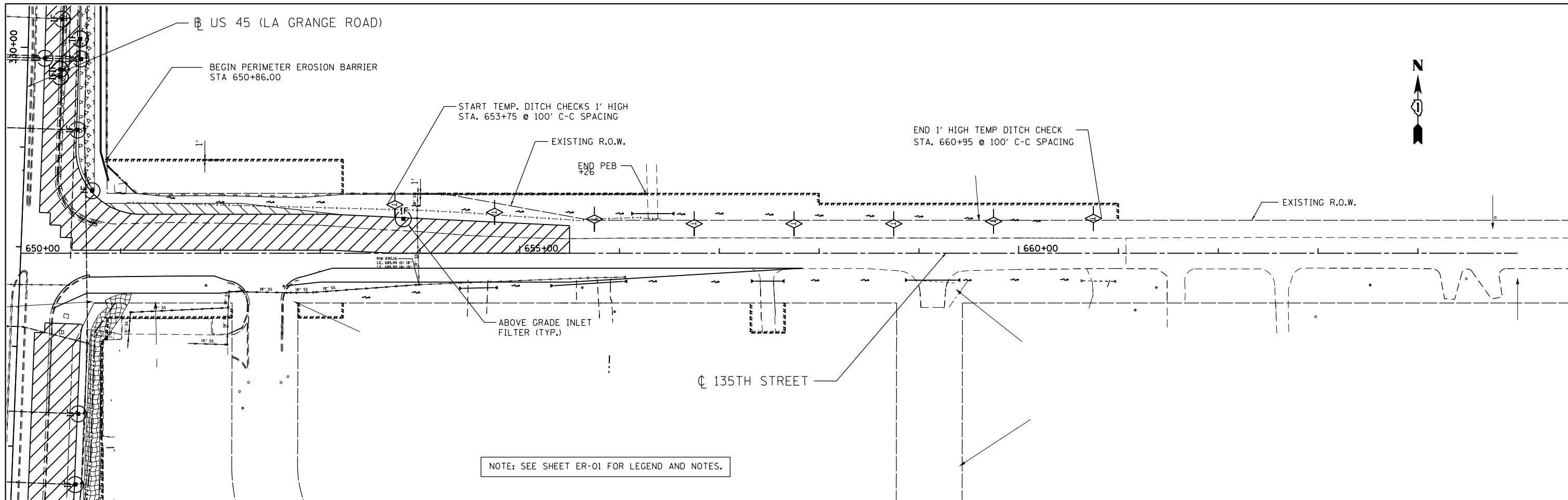
APEX
 CONSULTING ENGINEERS, LLC
 111 E. Wacker Drive, Suite 520
 Chicago, IL 60601

FILE NAME = D160M62-SHT-EROS21.Stage 4.dgn	USER NAME = Frank.Stallone	DESIGNED - LN	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	EROSION AND SEDIMENT CONTROL PLAN US 45 (LAGRANGE ROAD) - NORTH CONTRACT - STAGE 4			F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	PLOT SCALE = 100.000000' / 1" =	DRAWN - MP	REVISED -					330	103R-5	COOK	778	144
PLOT DATE = 3/14/2013	CHECKED - WI	REVISED -	DATE - 02/08/2013		REVISED -	ER-21			CONTRACT NO. 60M62			
					SCALE: 1"=50'	SHEET NO. 4 OF 4 SHEETS	STA. 362+00.00 TO STA. END	ILLINOIS FED. AID PROJECT				

D160M62-SHT-EROS21.Stage 4.dgn 3/14/2013 6:17:19 PM



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	PLOT SCALE = 100.000000' / 1" =	DRAWN - MP	REVISER -			330	103R-5	COOK	778	145
PLOT DATE = 09/17/2010	CHECKED - WI	DATE - 02/08/2013	REVISED -	SCALE: 1"=50'		SHEET NO. 1 OF 1 SHEETS		STA. BEGIN TO STA. END	ER-22 ILLINOIS FED. AID PROJECT	



NOTE: SEE SHEET ER-01 FOR LEGEND AND NOTES.

APEX
CONSULTING ENGINEERS, LLC
111 E. Wacker Drive, Suite 520
Chicago, IL 60601

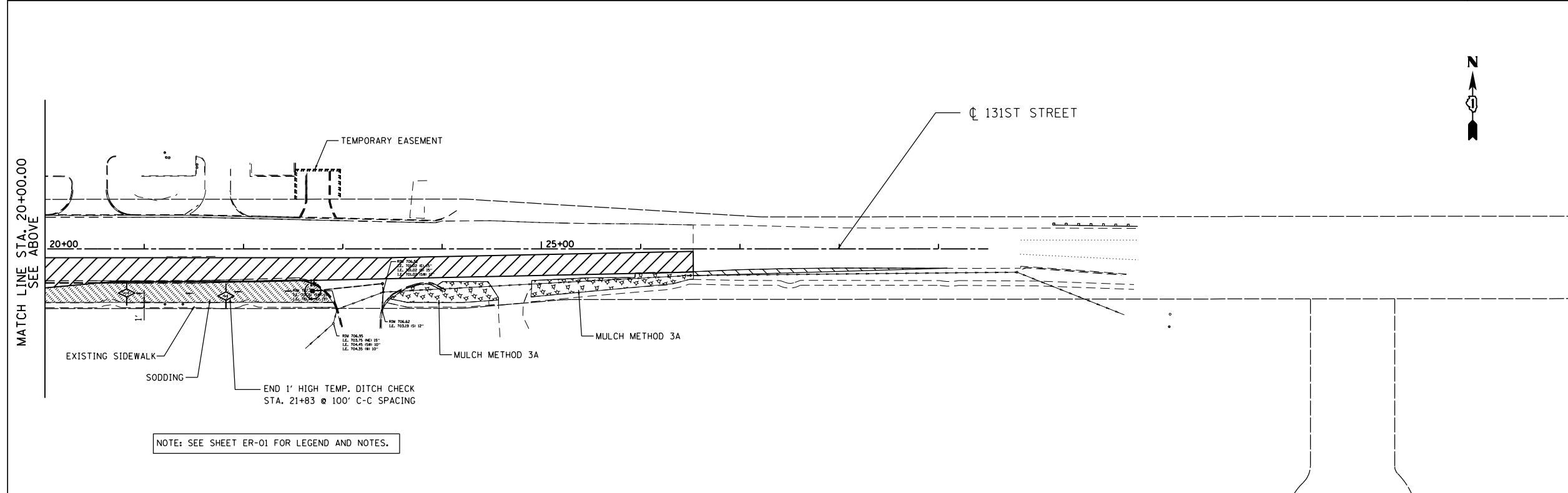
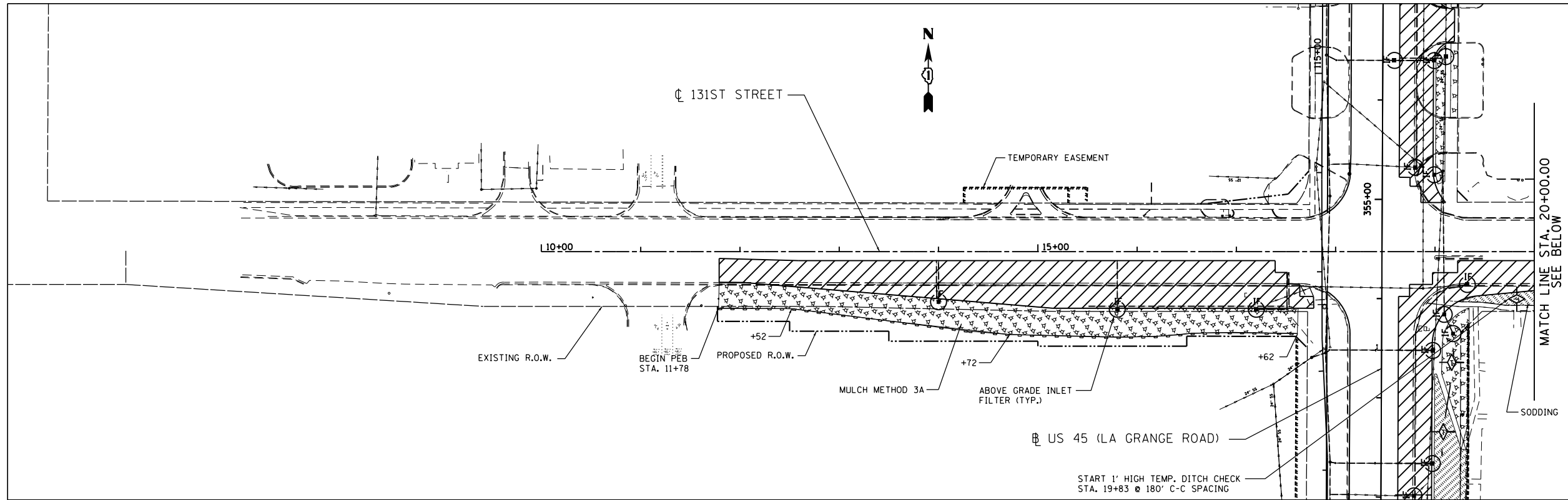
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**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**EROSION AND SEDIMENT CONTROL PLAN
135TH STREET - NORTH CONTRACT - STAGE A**

SCALE: 1"=50' SHEET NO. 1 OF 1 SHEETS STA. BEGIN TO STA. END

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
330	103R-5	COOK	778	146
ER-23			CONTRACT NO. 60M62	
ILLINOIS FED. AID PROJECT				



NOTE: SEE SHEET ER-01 FOR LEGEND AND NOTES.

APX
CONSULTING ENGINEERS, LLC
111 E. Wacker Drive, Suite 520
Chicago, IL 60601

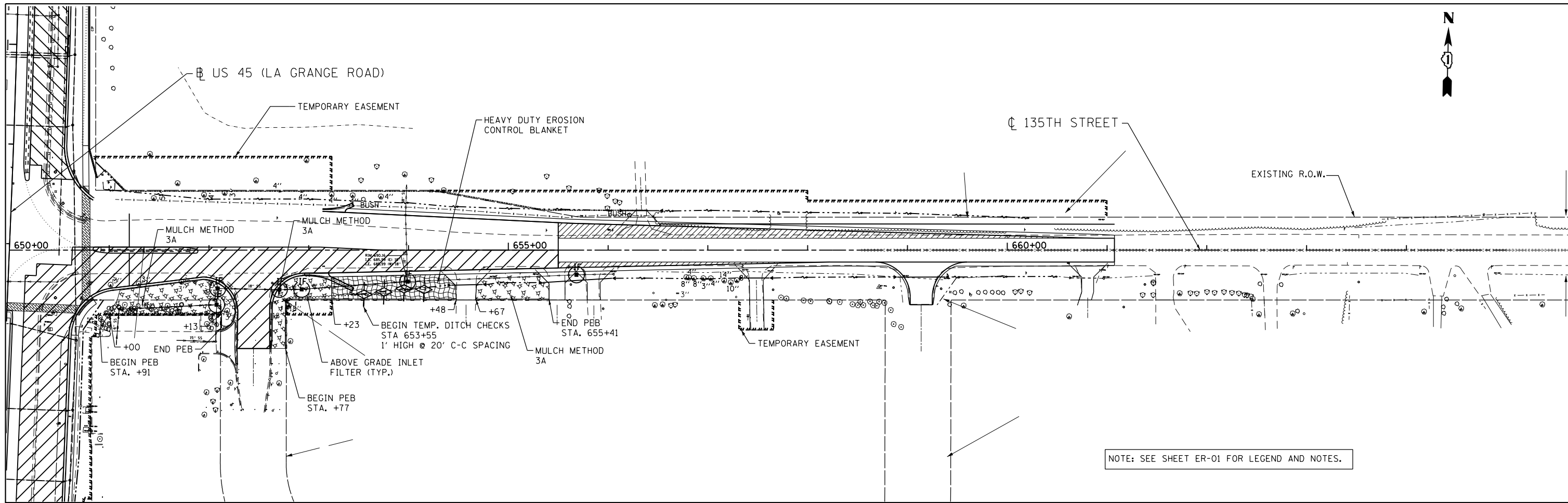
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		CHECKED - WI	REVISED -
		DATE - 02/08/2013	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**EROSION AND SEDIMENT CONTROL PLAN
131ST STREET - NORTH CONTRACT - STAGE A**

SCALE: 1"=50' SHEET NO. 1 OF 1 SHEETS STA. BEGIN TO STA. END

F.A.P. RTE. 330	SECTION 103R-5	COUNTY COOK	TOTAL SHEETS 778	SHEET NO. 147
ER-24			CONTRACT NO. 60M62	
ILLINOIS FED. AID PROJECT				



NOTE: SEE SHEET ER-01 FOR LEGEND AND NOTES.

APEX
 CONSULTING ENGINEERS, LLC
 111 E. Wacker Drive, Suite 520
 Chicago, IL 60601

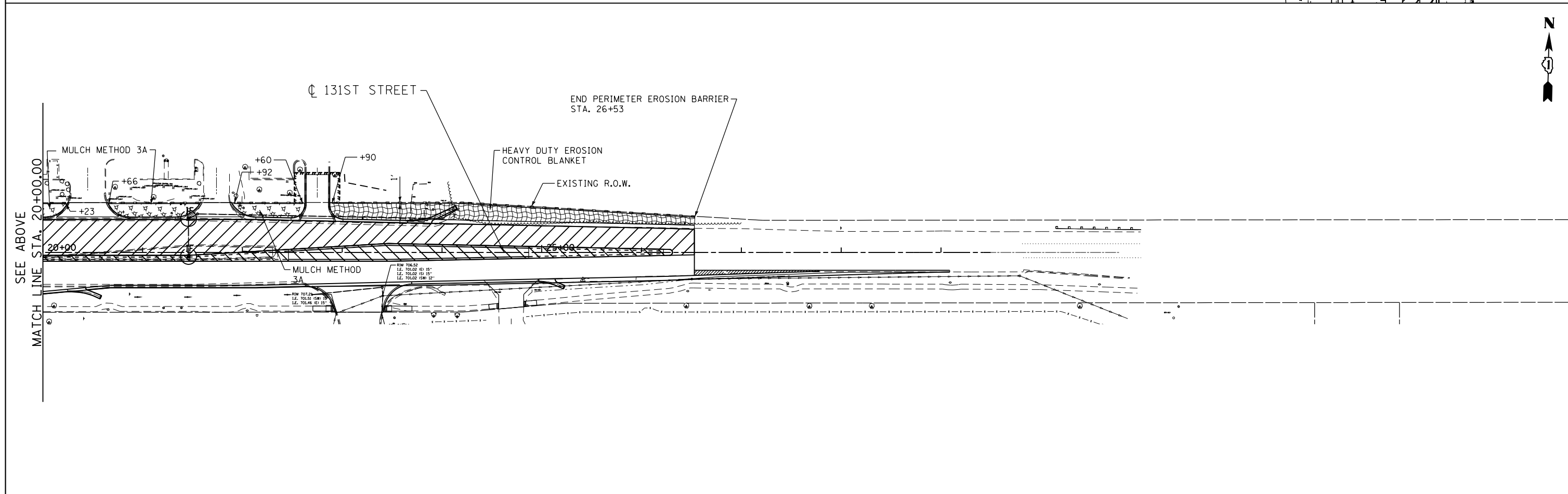
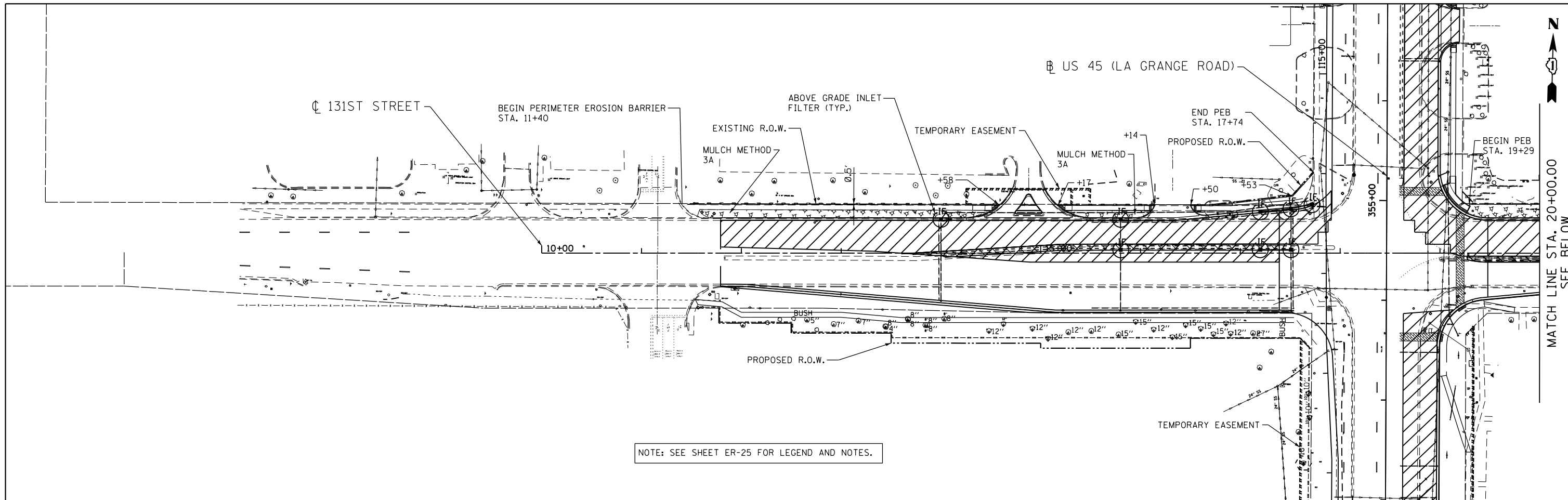
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	PLOT DATE = 3/14/2013	DATE - 02/08/2013	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

EROSION AND SEDIMENT CONTROL PLAN
135TH STREET NORTH CONTRACT - STAGE B

SCALE: 1"=50' SHEET NO. 1 OF 1 SHEETS STA. BEGIN TO STA. END

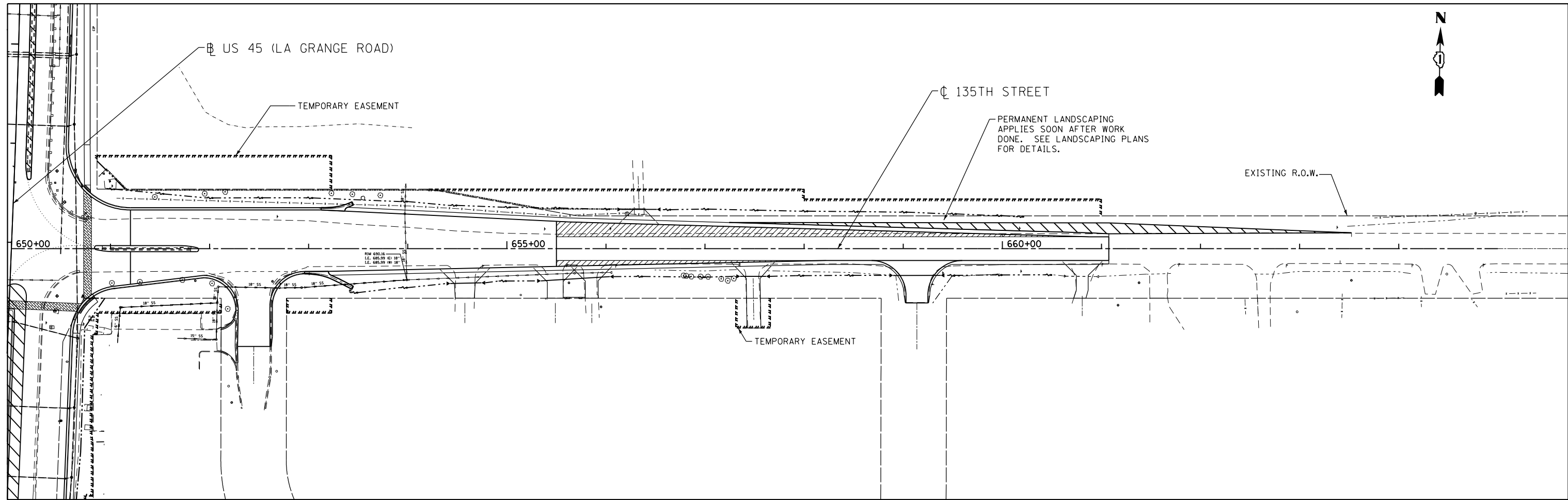
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
330	103R-5	COOK	778	148
ER-25			CONTRACT NO. 60M62	
ILLINOIS FED. AID PROJECT				



FILE NAME = D160M62-SHT-EROS26_Stage B.dgn	USER NAME = Frank_Stallone	DESIGNED - LN	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	EROSION AND SEDIMENT CONTROL PLAN 131ST STREET NORTH CONTRACT - STAGE B	F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	PLOT SCALE = 100.000000' / 1" =	CHECKED - WI	REVISED -			330	103R-5	COOK	778	149
PLOT DATE = 3/14/2013	DATE - 02/08/2013	REVISED -		SCALE: 1"=50'	SHEET NO. 1 OF 1 SHEETS	STA. BEGIN TO STA. END	ER-26		CONTRACT NO. 60M62	ILLINOIS FED. AID PROJECT

APEX
 CONSULTING ENGINEERS, LLC
 111 E. Wacker Drive, Suite 520
 Chicago, IL 60601

D160M62-SHT-EROS26_Stage B.dgn 3/14/2013 6:17:26 PM



APEX
 CONSULTING ENGINEERS, LLC
 111 E. Wacker Drive, Suite 520
 Chicago, IL 60601

FILE NAME = D160M62-SHT-EROS27_Stage C.dgn	USER NAME = Frank_Stallone	DESIGNED - LN	REVISED -
		DRAWN - MP	REVISED -
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	PLOT DATE = 3/14/2013	DATE - 02/08/2013	REVISED -

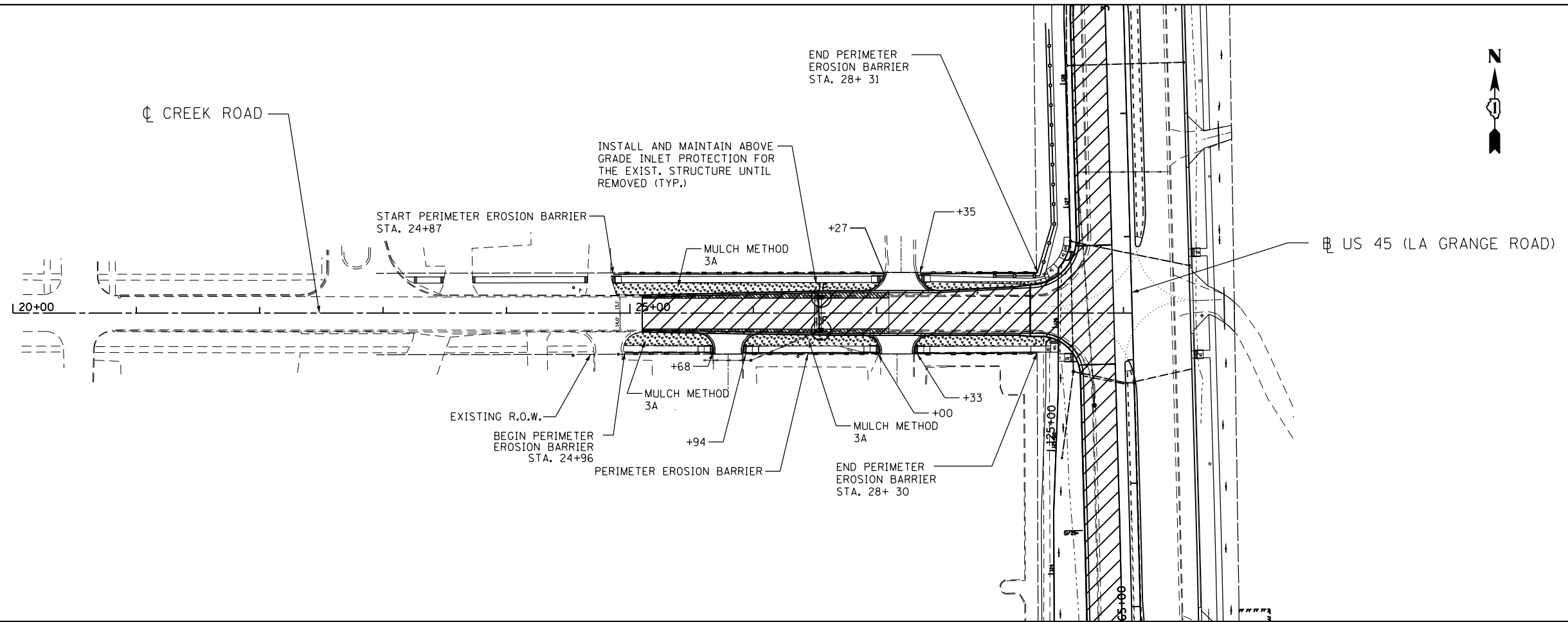
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

EROSION AND SEDIMENT CONTROL PLAN
135TH STREET NORTH CONTRACT - STAGE C

SCALE: 1"=50' SHEET NO. 1 OF 1 SHEETS STA. BEGIN TO STA. END

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
330	103R-5	COOK	778	150
ER-27			CONTRACT NO. 60M62	
ILLINOIS FED. AID PROJECT				

D160M62-SHT-EROS27_Stage C.dgn 3/14/2013 6:17:27 PM



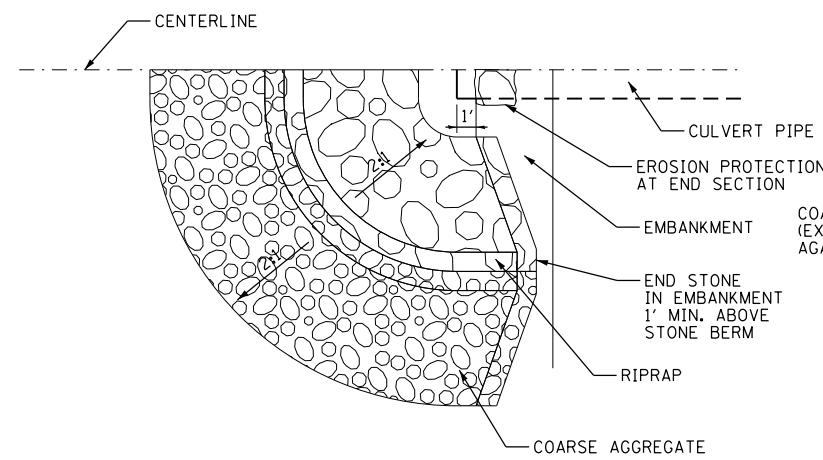
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	PLOT DATE = 3/14/2013	DATE - 02/08/2013	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

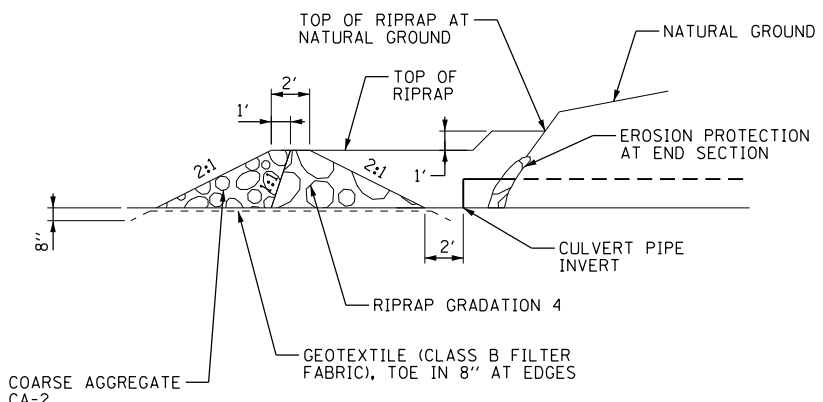
EROSION AND SEDIMENT CONTROL PLAN
CREEK RD

SCALE: 1"=50' SHEET NO. 1 OF 1 SHEETS STA. BEGIN TO STA. END

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
330	103R-5	COOK	778	151
ER-28			CONTRACT NO. 60M62	
ILLINOIS FED. AID PROJECT				

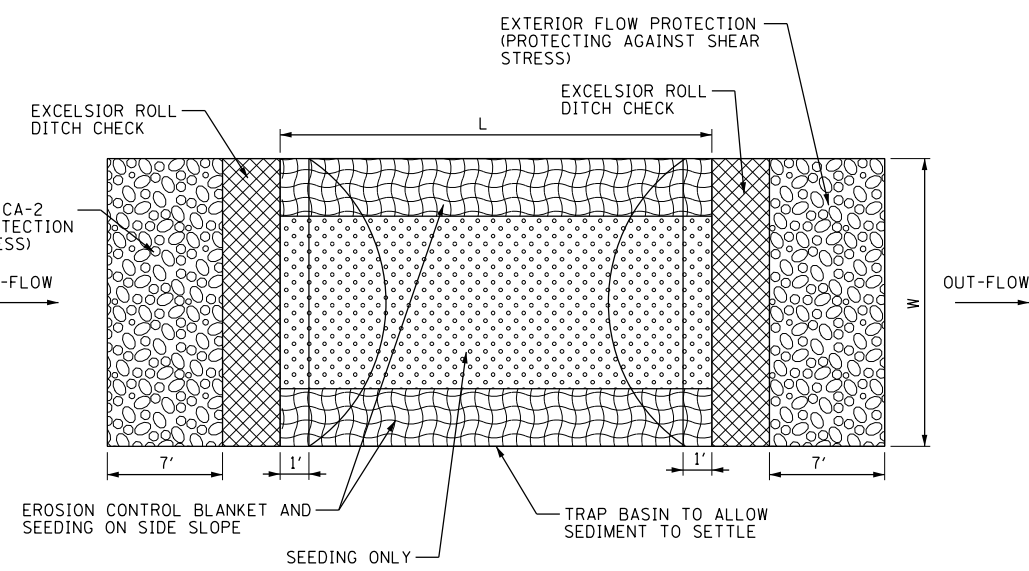


HALF PLAN VIEW

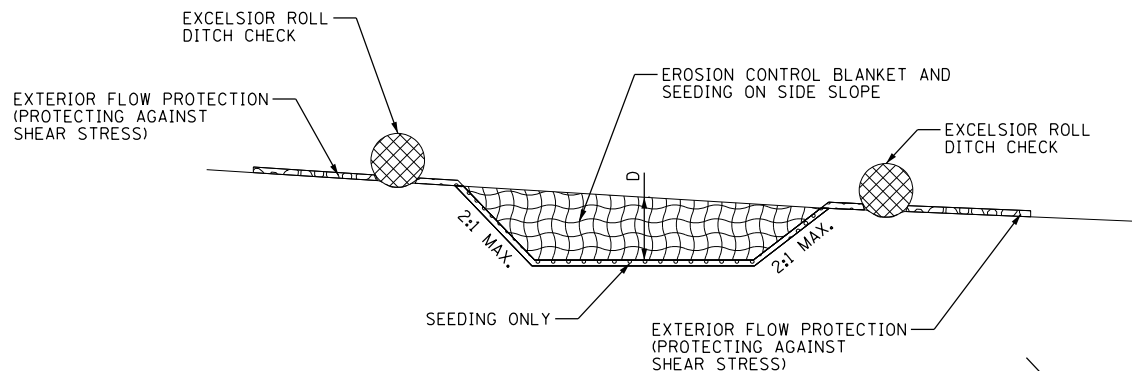


CENTERLINE CROSS SECTION

AGGREGATE BERM

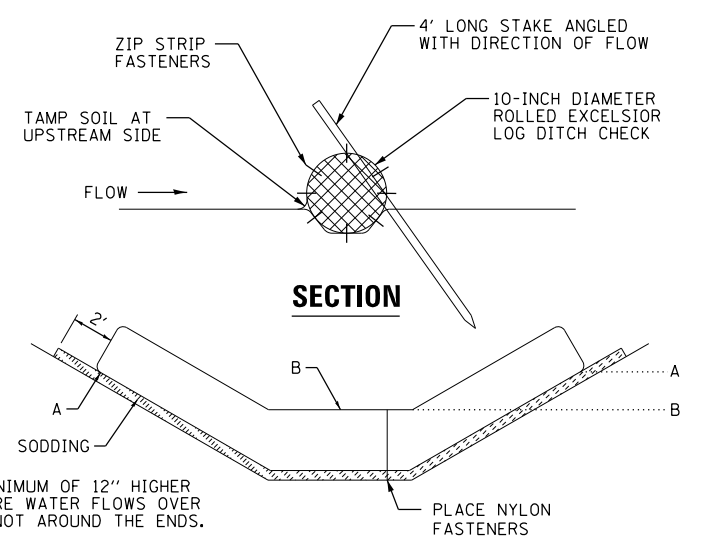


PLAN VIEW



SECTION

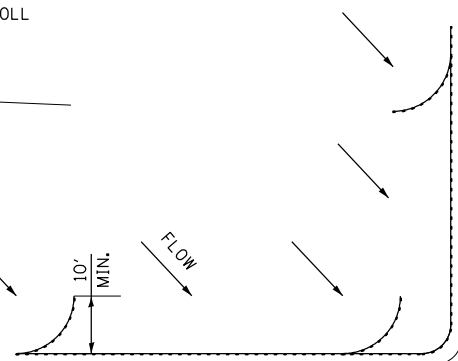
SEDIMENT TRAP



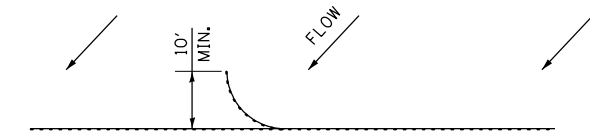
ELEVATION

TEMPORARY DITCH CHECK ROLLED EXCELISIOR

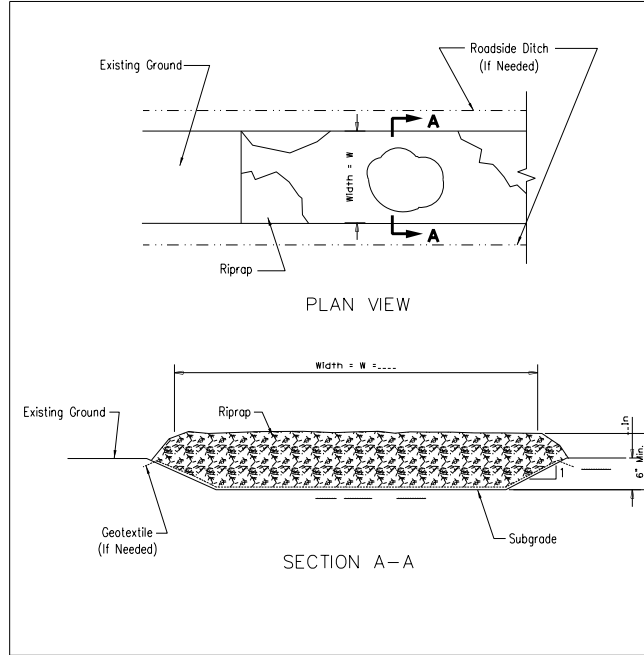
POINT A MUST BE A MINIMUM OF 12" HIGHER THAN POINT B TO INSURE WATER FLOWS OVER THE DITCH CHECK AND NOT AROUND THE ENDS.



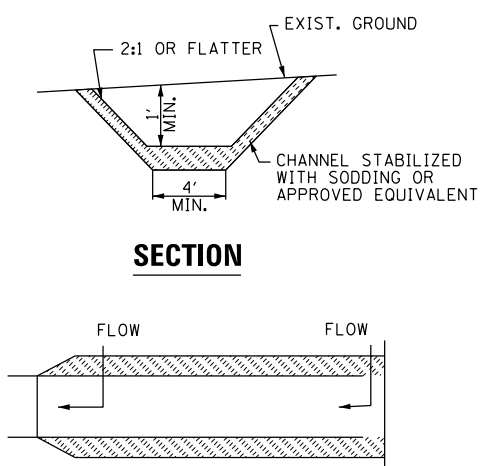
"J" HOOKS AT CORNER



"J" HOOKS AT PERIMETER CONTROL SILT FENCE PLACEMENT



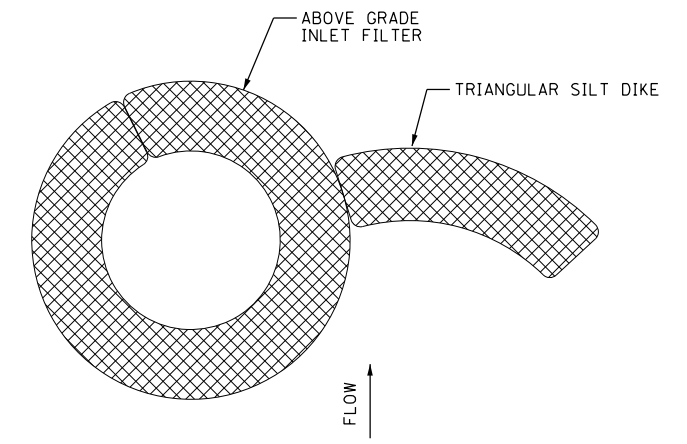
NOTES:
 1. Rock shall meet one of the following IDOT coarse aggregate gradations, CA-1, CA-2, CA-3 or CA-4 and be placed according to construction specification 25 ROCKFILL using placement Method 1 and Class III compaction. 2. See plans for construction road location, D and W dimensions. 3. Minimum width is 14 feet for one-way traffic and 20 feet for two-way traffic. Two-way traffic widths shall be increased a minimum of 4 feet for trailer traffic. Depending on the type of vehicle or equipment, speed, loads, climatic and other conditions under which vehicles and equipment operate an increase in the minimum widths may be required. 4. Roadway shall follow the contour of the natural terrain to the extent possible. 5. Geotextile (non-woven) minimum criteria: Weight of Geotextile (oz/sq.yd.) = 6 Tensile strength (lb) = 180 Elongation at failure (%) = 50 Puncture (lb) ASTM D 4833 = 80 Ultraviolet light (% residual tensile strength) = 80 ASTM D 4355 = min 70 Apparent opening size (AOS) ASTM D 4751 = max 40 sieve Permittivity sec-1 ASTM D 4491 = min 0.706. Any geotextile splices shall overlap a minimum of 18 inches, with upstream or upslope geotextile overlapping the abutting downslope geotextile.



PLAN VIEW

TEMPORARY SWALE

- NOTES:
1. ALL TEMPORARY SWALE SHALL HAVE UNINTERRUPTED POSITIVE GRADE TO AN OUTLET
 2. DIVERTED RUNOFF FROM A DISTURBED AREA SHALL BE CONVEYED TO A SEDIMENT TRAPPING DEVICES.
 3. DIVERTED RUNOFF FROM AN UNDISTURBED AREA SHALL OUTLET DIRECTLY INTO AN UNDISTURBED STABILIZED AREA AT NON-EROSIVE VELOCITY.
 4. ALL TREES, BRUSH, STUMPS, OBSTRUCTION AND OTHER OBJECTIONABLE MATERIAL SHALL BE REMOVED AND DISPOSED OF SO AS NOT TO INTERFERE WITH THE PROPER FUNCTIONING OF THE SWALE.
 5. THE SWALE SHALL BE EXCAVATED OR SHAPED TO LINE, GRADE, AND CROSS SECTION AS REQUIRED TO MEET THE CRITERIA SPECIFIED HEREIN AND BE FREE OF BANK PROJECTIONS OR OTHER IRREGULARITIES WHICH WILL IMPEDE NORMAL FLOW.
 6. ALL EARTH REMOVED AND NOT NEEDED FOR CONSTRUCTION SHALL BE PLACED SO THAT IT WILL NOT INTERFERE WITH THE FUNCTION OF THE SWALE.



ABOVE GRADE INLET FILTER WITH TRIANGULAR SILT DIKE

APEX CONSULTING ENGINEERS, LLC
 111 E. Lake Street, Suite 520
 Chicago, IL 60601
 Phone: 312.467.5200
 Fax: 312.467.5201

FILE NAME = D:\6062-SHT-EROS-29_Details.dgn	USER NAME = Frank.Stallone	DESIGNED - L.N.	REVISED -
		DRAWN - M.P.	REVISED -
		CHECKED - W.H.I.	REVISED -
		DATE - 02/08/2013	REVISED -

STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

EROSION AND SEDIMENT CONTROL PLAN DETAILS - NORTH CONTRACT		
SCALE:	SHEET NO. 1 OF 1 SHEETS	STA. TO STA.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
330	103R-5	COOK	778	152
ER-29			CONTRACT NO. 60M62	
ILLINOIS FED. AID PROJECT				

NOTES:

1. CONNECTION TO EXISTING DRAINAGE STRUCTURES TO BE INCLUDED IN THE COST OF STORM SEWER PLACEMENT.

2. WHEN EXISTING DRAINAGE FACILITIES ARE DISTURBED, THE CONTRACTOR SHALL PROVIDE AND MAINTAIN TEMPORARY OUTLETS AND CONNECTIONS FOR ALL PRIVATE OR PUBLIC DRAINS, SEWERS OR CATCH BASINS. HE SHALL PROVIDE FACILITIES TO TAKE IN ALL STORM WATER WHICH WILL BE RECEIVED BY THESE DRAINS AND SEWERS AND DISCHARGE THE SAME. HE SHALL PROVIDE AND MAINTAIN AN EFFICIENT PUMPING PLANT, IF NECESSARY, AND A TEMPORARY OUTLET, AND BE PREPARED AT ALL TIMES TO DISPOSE OF THE WATER RECEIVED FROM THESE TEMPORARY CONNECTIONS UNTIL SUCH TIME AS THE PERMANENT CONNECTIONS WITH SEWERS ARE BUILT AND IN SERVICE. THIS WORK WILL NOT BE PAID FOR DIRECTLY, BUT SHALL BE INCLUDED IN THE COST OF DRAINAGE PAY ITEMS.

3. STATION/OFFSET/ELEVATIONS NOTED FOR ALL DRAINAGE STRUCTURES LOCATED IN THE CURB LINE REFER TO THE POSITION OF THE ADJACENT PROPOSED EDGE OF PAVEMENT. THE CONTRACTOR SHALL BE RESPONSIBLE FOR DETERMINING THE OFFSET NECESSARY TO THE STRUCTURES TO SET THE FRAME AND GRATES IN THE PROPER LOCATION. ALL OTHER STRUCTURES ARE DIMENSIONED TO THE CENTER OF THE STRUCTURE; ELEVATION INDICATES RIM GRADES. FOR FLARED END SECTIONS THE STATION/OFFSET AND ELEVATION ARE GIVEN TO THE END OF STORM SEWER PIPE.

4. ALL ABANDONED SEWER INVERTS SHALL BE PLUGGED WITH BRICK AND CLASS SI CONCRETE TO THE SATISFACTION OF THE ENGINEER. THIS WORK SHALL BE INCLUDED IN THE COST OF THE STORM SEWER BEING REMOVED.

5. MINIMUM UNDERDRAIN DEPTH IS 36" BELOW THE TOP OF THE PAVEMENT SURFACE WITH POSITIVE FLOW MAINTAINED. SEE IDOT STANDARD DRAWING 601001 FOR DETAILS.

6. UNDERDRAINS ARE OFFSET FOR CLARITY. SEE IDOT STANDARD DRAWING 601001 FOR DETAILS.

7. THE COST OF MAKING UNDERDRAIN CONNECTIONS TO DRAINAGE STRUCTURES SHALL BE INCLUDED IN THE COST OF THE PROPOSED UNDERDRAIN.

8. END SECTIONS AND HEADWALL TO BE REMOVED SHALL BE INCIDENTAL TO THE COST OF STORM SEWER REMOVAL.

EXISTING DRAINAGE LEGEND

CULVERT		STORM SEWER	
DITCH LINE		STORM SEWER REMOVAL	
EDGE OF WATER		CULVERT REMOVAL	
WETLAND		HEADWALL	
CATCH BASIN		STRUCTURE TO BE REMOVED	
MANHOLE		DRAINAGE STRUCTURE OR SAN MH TO BE ADJUSTED	
INLET		MULTIPLE DRAINAGE STRUCTURE ADJUSTMENTS	
FLARED END SECTION		DRAINAGE STRUCTURE TO BE RECONSTRUCTED	
JUNCTION CHAMBER			

PROPOSED DRAINAGE LEGEND

DITCH FLOW		HEADWALL	
SUMMIT		STORM SEWER	
SWALE		PIPE UNDERDRAINS	
PAVEMENT DRAINAGE FLOW		CULVERT ID	
BOX CULVERT		STORM SEWER ID	
PIPE CULVERT		DRAINAGE STRUCTURE ID	
CATCH BASIN		DRAINAGE STRUCTURE TO BE ADJUSTED	
INLET		DRAINAGE STRUCTURE TO BE RECONSTRUCTED	
FLARED END SECTION		MULTIPLE DRAINAGE STRUCTURE ADJUSTMENTS	
MANHOLE		INSTALL FRAMES AND GRATES	
MH W/RESTRICTOR PLATE		FLARED END SECTION ID	
RIP RAP			
JUNCTION CHAMBER			

FILE NAME =	USER NAME = Anthony.Plutz	DESIGNED - EJD	REVISED -
D160M62-SHT-DRAIN NOTES-01.dgn		DRAWN - EJD	REVISED -
	PLOT SCALE = 40.000000' / in.	CHECKED - JWM	REVISED -
SHT.PLAN	PLOT DATE = 3/13/2013	DATE - 03/13/13	REVISED -

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
330	103R-5	COOK	778	153
DN-01		CONTRACT NO. 60M62		
ILLINOIS FED. AID PROJECT				

SUGGESTED SEQUENCE OF DRAINAGE INSTALLATION

THE FOLLOWING REPRESENTS THE SUGGESTED METHOD FOR MAINTAINING DRAINAGE WHILE CONSTRUCTING THE PROPOSED IMPROVEMENTS IN ACCORDANCE WITH THE SUGGESTED MAINTENANCE OF TRAFFIC PLANS AND CONSTRUCTION STAGING. THE CONTRACTOR SHALL BE RESPONSIBLE FOR MAINTAINING DRAINAGE DURING ALL STAGES OF CONSTRUCTION. METHODS USED BY THE CONTRACTOR SHALL BE SUBJECT TO THE APPROVAL OF THE ENGINEER. THE CONTRACT INCLUDES PAY ITEMS FOR TEMPORARY DRAINAGE ITEMS, PAVEMENT PATCHING, CURB AND GUTTER REPAIR, AND THE VARIOUS ADJUSTMENTS THROUGHOUT ALL STAGES OF WORK. CLASS D PATCHES HAVE BEEN ADDED TO THE CONTRACT FOR USE AS TEMPORARY PATCHING OVER STORM SEWERS. THE COST OF INSTALLATION AND REMOVAL OF TEMPORARY CONNECTIONS, PLUGGING PIPES, AND TEMPORARY GRADING WILL NOT BE PAID FOR SEPARATELY BUT INCLUDED IN THE VARIOUS DRAINAGE PAY ITEMS. THE CONTRACTOR SHALL BE RESPONSIBLE FOR VERIFYING ALL QUANTITIES AND LOCATIONS OF DRAINAGE ELEMENTS. ANY CHANGE FROM THIS PLAN SHALL ALSO BE SUBJECT TO THE APPROVAL OF ENGINEER.

PRE-STAGE

REMOVE EXISTING DRAINAGE STRUCTURES AND STORM SEWER IN ACCORDANCE WITH THE REMOVAL PLANS AND AS REQUIRED TO CONSTRUCT THE DRAINAGE SYSTEM.

AT THE FOLLOWING LOCATIONS CONSTRUCT CROSS CULVERTS AND/OR OUTLET PIPES AND DRAINAGE STRUCTURES, REGRADE DITCHES TO ALLOW FLOW INTO AND OUT OF CULVERTS AND STORM SEWERS AS REQUIRED, PATCH PAVEMENT, AND REPAIR CURB AND GUTTER. EXISTING CONNECTIONS TO NEW CULVERTS/STORM SEWERS SHALL BE REESTABLISHED TO MAINTAIN FLOW AS REQUIRED.

- STA. 306+03 TO INCLUDE PIPES 15 & 16 AND DRAINAGE STRUCTURES 20 & 22
- STA. 309+66
- STA. 323+31
- STA. 332+96
- STA. 344+36
- STA. 361+00

CONSTRUCT PROPOSED MAIN DRAIN STORM SEWER AND ASSOCIATED DRAINAGE STRUCTURES WITHIN THE FOLLOWING LIMITS:

FROM STR. NO. TO STR. NO.

- 410 _____ 412 CONNECTS TO EXISTING PIPE IN EAST PARKWAY
- 256 _____ 257 RECONNECT EXISTING PIPE TO OUTFALL
- 202 _____ 268 MAIN LINE STORM SEWER - WEST PARKWAY
- 214A _____ 214 CONNECTS EXISTING STORM SEWER TO PROP SYSTEM- WEST PARKWAY
- 101C _____ 121 MAIN LINE STORM SEWER - WEST PARKWAY

CONSTRUCT LATERAL STORM SEWERS AND ASSOCIATED DRAINAGE STRUCTURES, PATCH PAVEMENT AND REPAIR CURB AND GUTTER AT THE FOLLOWING LOCATIONS:

- | | | |
|---------------|---------------|---------------|
| • STA. 346+64 | • STA. 359+88 | • STA. 369+40 |
| • STA. 347+78 | • STA. 360+69 | • STA. 371+25 |
| • STA. 348+92 | • STA. 361+01 | • STA. 373+10 |
| • STA. 350+07 | • STA. 361+50 | • STA. 374+95 |
| • STA. 351+20 | • STA. 362+31 | • STA. 376+80 |
| • STA. 352+34 | • STA. 363+12 | • STA. 378+65 |
| • STA. 353+48 | • STA. 363+93 | |
| • STA. 356+40 | • STA. 364+74 | |
| • STA. 357+57 | • STA. 366+81 | |
| • STA. 358+73 | • STA. 367+85 | |

TEMPORARILY CONNECT THE EXISTING STORM SEWER LATERALS DRAINING THE SOUTHBOUND EDGE OF PAVEMENT AND MEDIAN DRAINAGE STRUCTURES TO THE PROPOSED DRAINAGE SYSTEM AT THE FOLLOWING LOCATIONS:

- STA. 306+04 EOP DRAINAGE STRUCTURE TO CULVERT
- STA. 306+04 MEDIAN DRAINAGE STRUCTURE TO CULVERT
- STA. 348+00
- STA. 350+01
- STA. 352+02
- STA. 355+35
- STA. 357+32
- STA. 359+78
- STA. 360+43
- STA. 361+49
- STA. 370+00

PRE-STAGE (CONTINUED)

AT THE FOLLOWING LOCATIONS TEMPORARY CATCH BASINS AND STORM SEWER SHALL BE INSTALLED AND CONNECTED TO EXISTING DRAINAGE STRUCTURES AND STORM SEWER, PATCH EXISTING PAVEMENT AND INSTALL TEMPORARY PAVEMENT. FOR COMPLETE DETAILS REFER TO THE EROSION CONTROL AND MOT PLANS.

TEMPORARY CATCH BASINS

STR. NO.

• S-1 STA. 290+50 42' LT	• S-15 337+44 33' LT
• S-2 STA. 301+32 55' LT	• S-16 344+60 33' LT
• S-3 STA. 306+38 50' LT	• S-17 347+90 33' LT
• S-4 STA. 307+73 47' LT	• S-18 349+91 33' LT
• S-5 STA. 308+88 46' LT	• S-19 351+92 33' LT
• S-6 STA. 309+35 5' LT	• S-20 355+25 33' LT
• S-7 STA. 313+65 38' LT	• S-21 357+22 33' LT
• S-8 STA. 317+72 33' LT	• S-22 359+68 33' LT
• S-9 STA. 327+52 33' LT	• S-23 360+21 33' LT
• S-10 STA. 328+71 33' LT	• S-24 360+53 33' LT
• S-11 STA. 329+57 33' LT	• S-25 361+58 32' LT
• S-12 STA. 329+88 33' LT	• S-26 366+64 32' LT
• S-13 STA. 330+41 33' LT	• S-27 369+90 33' LT
• S-14 STA. 334+13 33' LT	• S-28 370+00 33' LT

TEMPORARY STORM SEWER

PIPE NO. FROM STA. TO STA.

• P-1 290+50 290+40	TEMP CB TO EXIST INL
• P-2 301+32 301+22	TEMP CB TO EXIST CB
• P-3 306+38 306+28	TEMP CB TO EXIST CB
• P-4 307+73 307+83	TEMP CB TO EXIST CB
• P-5 308+88 308+98	TEMP CB TO EXIST CB
• P-6 309+35 309+68	TEMP CB TO PR CULV
• P-7 313+65 313+55	TEMP CB TO EXIST CB
• P-8 317+72 317+62	TEMP CB TO EXIST CB
• P-10 327+52 327+62	TEMP CB TO EXIST CB
• P-11 328+71 328+81	TEMP CB TO EXIST CB
• P-12 329+57 329+67	TEMP CB TO EXIST CB
• P-13 329+88 329+78	TEMP CB TO EXIST CB
• P-14 330+41 330+31	TEMP CB TO EXIST CB
• P-17 334+13 334+03	TEMP CB TO EXIST CB
• P-19 337+44 337+34	TEMP CB TO EXIST CB
• P-20 344+36	DITCH TO PR CB
• P-21 344+50 334+36	EX CB TO PR SS
• P-22 344+60 344+50	TEMP CB TO EXIST CB
• P-23 347+90 348+00	TEMP CB TO EXIST INL
• P-24 348+00	EXIST INL TO PR SS
• P-25 349+91 350+01	TEMP CB TO EXIST INL
• P-26 350+01	EXIST INL TO PR SS
• P-27 351+92 352+02	TEMP CB TO EXIST INL
• P-28 352+02	EXIST INL TO PR SS
• P-29 355+25 355+35	TEMP CB TO EXIST INL
• P-30 355+35	EXIST INL TO PR SS
• P-31 357+22 357+32	TEMP CB TO EXIST INL
• P-32 357+32	EXIST INL TO PR SS
• P-33 359+68 359+78	TEMP CB TO EXIST INL
• P-34 359+78	EXIST INL TO PR SS
• P-35 360+21 360+31	TEMP CB TO EXIST INL
• P-36 360+43	EXIST INL TO PR SS
• P-37 360+53 360+43	TEMP CB TO EXIST INL
• P-38 361+58 361+48	TEMP CB TO EXIST INL
• P-39 366+64 366+74	TEMP CB TO EXIST INL
• P-40 369+90 370+00	TEMP CB TO TEMP CB
• P-41 370+00	TEMP CB TO PR SS

PRE-STAGE (CONTINUED)

EXISTING DRAINAGE STRUCTURES AT THE FOLLOWING LOCATIONS SHALL BE ADJUSTED:

INLETS TO BE ADJUSTED WITH NEW TYPE 1 FRAME, OPEN LID

• STA. 290+40 42' LT	• STA. 360+31 33' LT
• STA. 348+00 33' LT	• STA. 360+43 33' LT
• STA. 350+01 33' LT	• STA. 361+48 32' LT
• STA. 352+02 33' LT	• STA. 366+74 32' LT
• STA. 355+35 33' LT	• STA. 371+60 33' LT
• STA. 357+32 33' LT	• STA. 376+15 33' LT
• STA. 359+78 33' LT	• STA. 379+15 33' LT

CATCH BASINS TO BE ADJUSTED WITH NEW TYPE 1 FRAME, OPEN LID

• STA. 301+21 55' LT	• STA. 329+67 33' LT
• STA. 306+08 50' LT	• STA. 329+78 33' LT
• STA. 307+83 47' LT	• STA. 330+31 33' LT
• STA. 308+98 46' LT	• STA. 330+31 38' LT
• STA. 309+07 45' LT	• STA. 331+82 43' LT
• STA. 313+55 38' LT	• STA. 332+11 43' LT
• STA. 317+62 33' LT	• STA. 334+03 33' LT
• STA. 327+63 33' LT	• STA. 337+34 33' LT
• STA. 328+80 33' LT	

STAGE-1

STAGE 1 WORK SHALL INCLUDE THE CONSTRUCTION OF DRAINAGE ELEMENTS WITHIN THE NORTHBOUND LANES AND EAST PARKWAY.

REMOVE EXISTING DRAINAGE STRUCTURES AND STORM SEWER IN ACCORDANCE WITH THE REMOVAL PLANS AND AS REQUIRED TO CONSTRUCT THE DRAINAGE SYSTEM.

CONSTRUCT PROPOSED MAIN DRAIN STORM SEWER, LATERAL STORM SEWERS, AND INSTALL ASSOCIATED DRAINAGE STRUCTURES WITHIN THE WORK ZONE AND IN ACCORDANCE WITH THE PROPOSED DRAINAGE PLANS.

TEMPORARILY CONNECT THE EXISTING STORM SEWERS DRAINING SOUTHBOUND EDGE OF PAVEMENT AND MEDIAN DRAINAGE STRUCTURES TO THE PROPOSED DRAINAGE SYSTEM AT THE FOLLOWING LOCATIONS:

- STA. 300+78
- STA. 307+22
- STA. 312+99
- STA. 331+40

AT THE FOLLOWING LOCATIONS TEMPORARY STORM SEWER SHALL BE INSTALLED TO TEMPORARILY CONNECT EXISTING DRAINAGE STRUCTURES TO PROPOSED DRAINAGE STRUCTURES AND STORM SEWER. FOR COMPLETE DETAILS REFER TO THE EROSION CONTROL AND MOT PLANS.

TEMPORARY STORM SEWER

PIPE NO. FROM STA. TO STA.

• P-9 317+63 317+84	EXIST CB TO PR SS
• P-15 332+63 332+70	EX MH TO PR MH
• P-16 334+01	EX INL TO PR SS
• P-18 337+31 337+40	EX MH TO PR SS

SUGGESTED SEQUENCE OF DRAINAGE INSTALLATION

STAGE 1 (CONTINUED)

EXISTING DRAINAGE STRUCTURES AT THE FOLLOWING LOCATIONS SHALL BE ADJUSTED:

CATCH BASINS TO BE ADJUSTED

- STA. 356+44 63' RT
- STA. 357+36 65' LT

INLETS TO BE ADJUSTED

- STA. 380+05 33' RT

ADJUST THE FOLLOWING PREVIOUSLY INSTALLED DRAINAGE STRUCTURES; (AT THE CONTRACTORS OPTION AND WITH THE APPROVAL OF THE ENGINEER, OTHER DRAINAGE STRUCTURES WITHIN THE MEDIAN AREA MAY BE INCLUDED)

INLETS TO BE ADJUSTED CATCH BASINS TO BE ADJUSTED MANHOLES TO BE ADJUSTED

<u>STR. NO.</u>	<u>STR. NO.</u>	<u>STR. NO.</u>	<u>STR. NO.</u>
• 203B	• 110A	• 246	• 255
• 239B	• 112A		
• 252B	• 112B		
• 261B	• 115		
• 105A	• 118A		
• 107A	• 118B		
• 107B			

STAGE 2

STAGE 2 WORK SHALL INCLUDE THE CONSTRUCTION OF DRAINAGE ELEMENTS WITHIN THE LEFT TURN LANES AND MEDIAN AREA.

REMOVE EXISTING DRAINAGE STRUCTURES AND STORM SEWER IN ACCORDANCE WITH THE REMOVAL PLANS AND AS REQUIRED TO CONSTRUCT THE DRAINAGE SYSTEM.

EXTEND APPROPRIATE PORTIONS OF PROPOSED STORM SEWER LATERALS AND INSTALL ASSOCIATED DRAINAGE STRUCTURES IN ACCORDANCE WITH THE DRAINAGE PLANS. THIS WORK SHALL INCLUDE BUT NOT BE LIMITED TO DRAINAGE STRUCTURES WITH APPROPRIATE LENGTHS OF STORM SEWER IN LEFT TURN LANES AND ALONG MEDIAN EDGES.

ADJUST/RECONSTRUCT THE FOLLOWING PREVIOUSLY INSTALLED DRAINAGE STRUCTURES; (AT THE CONTRACTORS OPTION AND WITH THE APPROVAL OF THE ENGINEER, OTHER DRAINAGE STRUCTURES WITHIN THE MEDIAN AREA MAY BE INCLUDED)

CATCH BASINS TO BE ADJUSTED INLETS TO BE ADJUSTED

<u>STR. NO.</u>	<u>STR. NO.</u>
• 406	• 207B
• 203C	• 209B
• 240	• 213A
• 247	• 235
• 267C	
• 107C	

INLETS TO BE RECONSTRUCTED

<u>STR. NO.</u>
• 101A

STAGE 3

STAGE 3 WORK SHALL INCLUDE THE CONSTRUCTION OF DRAINAGE ELEMENTS WITHIN THE SOUTHBOUND LANES AND WEST PARKWAY.

REMOVE EXISTING DRAINAGE STRUCTURES AND STORM SEWER IN ACCORDANCE WITH THE REMOVAL PLANS AND AS REQUIRED TO CONSTRUCT THE DRAINAGE SYSTEM.

CONSTRUCT PROPOSED MAIN DRAIN STORM SEWER, LATERAL STORM SEWERS, AND INSTALL ASSOCIATED DRAINAGE STRUCTURES WITHIN THE WORK ZONE AND IN ACCORDANCE WITH THE PROPOSED DRAINAGE PLANS.

ADJUST/RECONSTRUCT PREVIOUSLY INSTALLED DRAINAGE STRUCTURES. STRUCTURES MAY INCLUDE THOSE IN THE SOUTHBOUND MEDIAN EDGE, SOUTHBOUND EDGE OF PAVEMENT, AND MAIN DRAIN STRUCTURES IN THE WEST PARKWAY.

CATCH BASINS TO BE ADJUSTED CATCH BASINS TO BE ADJUSTED WITH NEW TYPE 24 FRAME AND GRATE

<u>STR. NO.</u>	<u>STR. NO.</u>	<u>STR. NO.</u>	<u>STR. NO.</u>	<u>STR. NO.</u>
• 20	• 267D	• 403	• 236	• 267E
• 22	• 112C	• 201B	• 238B	• 105B
• 18	• 113	• 203D	• 241	• 108
• 405	• 116	• 205	• 250	• 110B
• 207C	• 118C	• 207D	• 252D	
• 252C	• 119	• 208B	• 258C	
• 261C		• 210	• 261D	
		• 213B	• 265B	

MANHOLES TO BE ADJUSTED

<u>STR. NO.</u>	<u>STR. NO.</u>	<u>STR. NO.</u>
• 21	• 237	• 264
• 202	• 238C	• 266
• 203	• 242	• 106
• 206	• 251	• 109
• 207E	• 253	• 111
• 208C	• 254	• 114
• 211	• 258	• 117
• 214	• 259	• 120
• 232	• 260	
• 233	• 262	

MANHOLES TO BE RECONSTRUCTED INLETS TO BE RECONSTRUCTED WITH NEW TYPE 23 FRAME AND GRATE

<u>STR. NO.</u>	<u>STR. NO.</u>
• 268	• 101B
• 102	
• 104	

CATCH BASINS TO BE RECONSTRUCTED WITH NEW TYPE 24 FRAME AND GRATE

<u>STR. NO.</u>
• 269B
• 101C
• 103B

STAGE 3 (CONTINUED)

EXISTING DRAINAGE STRUCTURES AT THE FOLLOWING LOCATIONS SHALL BE ADJUSTED:

INLETS TO BE ADJUSTED

- STA. 379+13 8' LT

REMOVE TEMPORARY CONNECTION FROM THE EXISTING STORM SEWER LATERALS DRAINING THE SOUTHBOUND EDGE OF PAVEMENT AND MEDIAN TO THE PROPOSED DRAINAGE SYSTEM AND PLUG PIPE AT THE FOLLOWING LOCATIONS:

- STA. 300+78
- STA. 306+04
- STA. 306+04
- STA. 307+22
- STA. 309+62
- STA. 312+99
- STA. 331+40
- STA. 348+00
- STA. 350+01
- STA. 352+02
- STA. 355+35
- STA. 357+32
- STA. 359+78
- STA. 360+43
- STA. 361+49
- STA. 370+00

STAGE 4

STAGE 4 WORK SHALL INCLUDE INSTALLING FRAMES, GRATES, AND LIDS WITHIN THE LEFT TURN LANE AND MEDIAN AREAS.

EXISTING DRAINAGE STRUCTURES AT THE FOLLOWING LOCATIONS SHALL BE ADJUSTED:

CATCH BASINS TO BE ADJUSTED

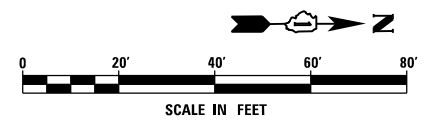
- STA. 379+08 1' RT

REPLACE THE FRAMES AND GRATES OF THE FOLLOWING DRAINAGE STRUCTURES:

FRAMES AND GRATES, TYPE 23

<u>STR. NO.</u>	<u>STR. NO.</u>	<u>STR. NO.</u>	<u>STR. NO.</u>
• 902	• 502C	• 203C	• 267C
• 911	• 506C	• 207B	• 101A
• 920	• 508D	• 209B	• 107B
• 946	• 512B	• 213A	• 107C
• 938	• 512C	• 235	• 112B
• 930	• 518C	• 239B	• 112C
• 805	• 518D	• 240	• 118B
• 703	• 527C	• 246	• 118C
• 617	• 532	• 247	
• 611	• 406	• 252B	
• 606	• 203B	• 261B	

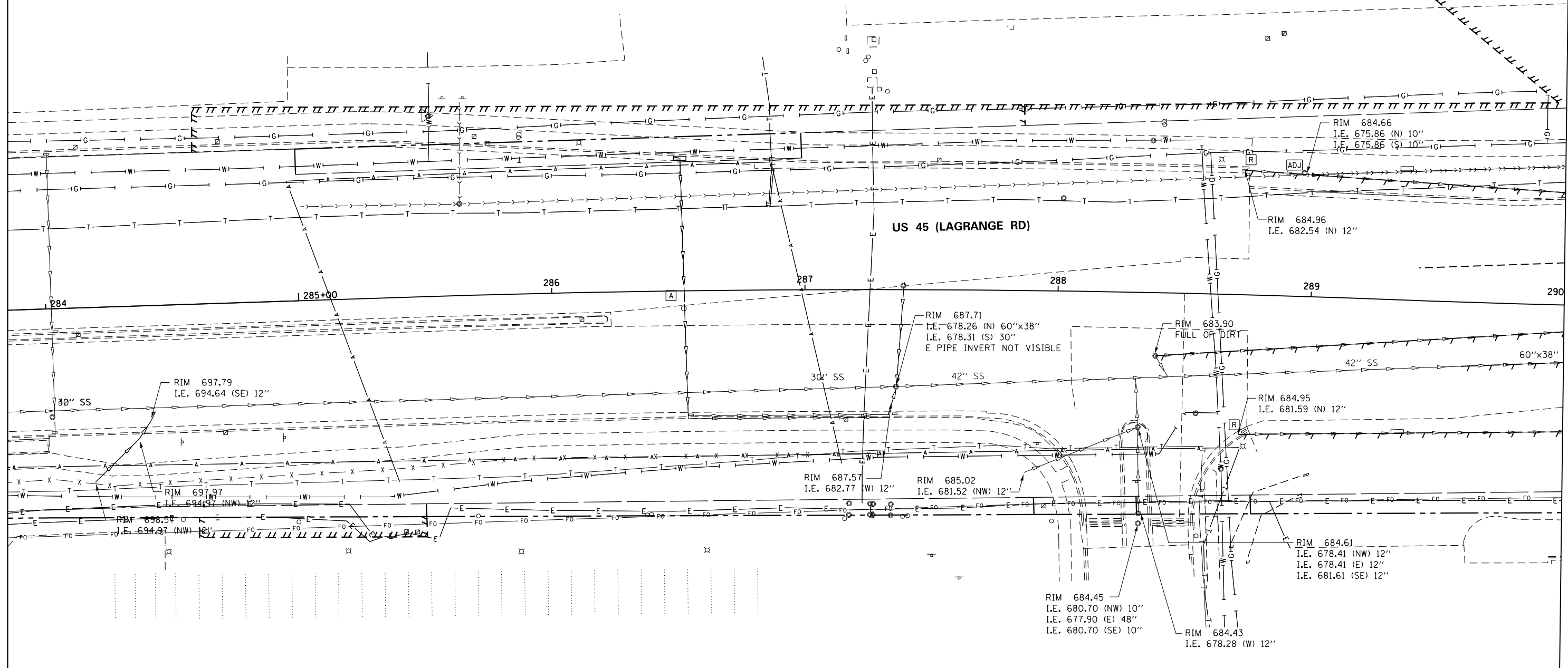




STORM SEWER REMOVAL 12"
 STA. 288+39.0 TO 290+00.0 - 160' (TBF=32.0 CU YD)
 STA. 288+72.4 TO 290+00.0 - 127' (TBF=20.1 CU YD)
 STA. 288+72.6 TO 290+00.0 - 127' (TBF=47.1 CU YD)

REMOVING INLETS
 288+72.4, 49.2 LT
 288+72.6, 55.2 RT

STORM SEWER REMOVAL 42"
 STA. 289+60.0 TO 290+00.0 - 41' (TBF=73.8 CU YD)



MATCH LINE STA. 290+00.00
SEE DRAWING DU-02

NOTE:
 1. SEE DRAWING DN-01 FOR DRAINAGE LEGEND AND NOTES.
 2. SEE DRAWINGS DS-01 THROUGH DS-07 FOR STRUCTURE AND PIPE INFORMATION

NOTE:
 1. END SECTIONS AND HEADWALLS TO BE REMOVED SHALL BE INCIDENTAL TO THE COST OF STORM SEWER REMOVAL

100 S. WACKER DR.
 SUITE 600
 CHICAGO, IL 60606
 TEL (312) 935-1000
 FAX (312) 935-4998



FILE NAME = D160M62-SHT-DRAINE.X01.dgn	USER NAME = Anthony.Plutz	DESIGNED - EJD	REVISED -
		DRAWN - EJD	REVISED -
		CHECKED - JWM	REVISED -
		DATE - 03/13/13	REVISED -

STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

EXISTING DRAINAGE PLAN - US 45 (LAGRANGE ROAD)

SCALE: 1"=20' SHEET 1 OF 17 SHEETS STA. BEGIN TO STA. 290+00.00

F.A.P. R.E.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
330	103R-5	COOK	778	156
DU-01		CONTRACT NO. 60M62		
ILLINOIS FED. AID PROJECT				

STORM SEWER REMOVAL 8"
 STA. 292+70.1 TO 292+78.1 - 6' (TBF=0.8 CU YD)
 STA. 292+78.1 TO 293+08.0 - 33' (TBF=7.0 CU YD)

STORM SEWER REMOVAL 42"
 STA. 290+00.0 TO 291+44.7 - 143' (TBF=257.4 CU YD)
 STA. 291+44.7 TO 296+00.0 - 455' (TBF=772.9 CU YD)

STORM SEWER REMOVAL 12"
 STA. 290+00.0 TO 290+39.0 - 100' (TBF=22.7 CU YD)
 STA. 290+00.0 TO 290+41.9 - 41' (TBF=8.2 CU YD)
 STA. 290+00.0 TO 291+46.0 - 145' (TBF=53.8 CU YD)
 STA. 290+39.0 TO 290+59.5 - 27' (TBF=5.5 CU YD)
 STA. 290+41.9 TO 290+59.5 - 26' (TBF=6.5 CU YD)
 STA. 290+50.8 TO 290+39.0 - 38' (TBF=6.1 CU YD)
 STA. 290+59.5 TO 293+08.0 - 245' (TBF=89.4 CU YD)
 STA. 291+44.1 TO 291+44.7 - 13' (TBF=1.3 CU YD)
 STA. 291+46.0 TO 291+44.1 - 28' (TBF=9.8 CU YD)
 STA. 291+92.0 TO 291+44.1 - 46'
 STA. 292+91.2 TO 292+96.0 - 3'
 STA. 292+96.0 TO 293+08.0 - 25' (TBF=8.4 CU YD)
 STA. 293+08.0 TO 294+58.3 - 147' (TBF=123.3 CU YD)
 STA. 293+87.6 TO 293+87.6 - 14' (TBF=4.2 CU YD)
 STA. 294+49.4 TO 294+54.1 - 3' (TBF=0.5 CU YD)
 STA. 294+54.1 TO 294+54.1 - 1' (TBF=0.4 CU YD)
 STA. 294+58.3 TO 294+65.8 - 4' (TBF=3.6 CU YD)
 STA. 294+65.8 TO 294+65.8 - 26' (TBF=22.4 CU YD)
 STA. 295+13.0 TO 295+25.2 - 9' (TBF=1.5 CU YD)
 STA. 295+25.2 TO 295+25.0 - 45' (TBF=19.8 CU YD)

REMOVING MANHOLES

291+44.7, 15.8 RT
 291+46.0, 47.3 RT
 294+58.3, 42.4 LT
 294+65.8, 44.4 LT

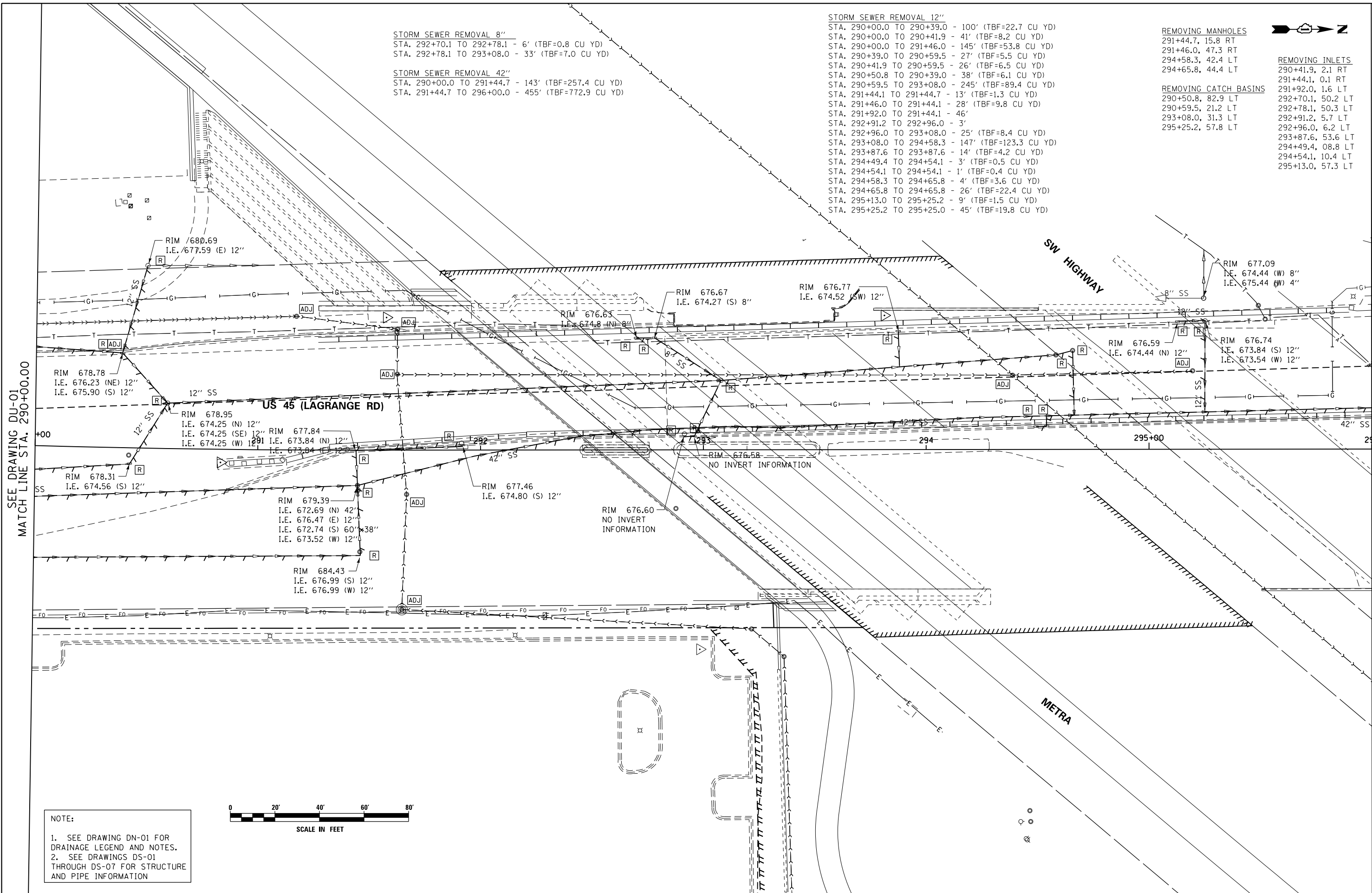
REMOVING INLETS

290+41.9, 2.1 RT
 291+44.1, 0.1 RT
 291+92.0, 1.6 LT
 292+70.1, 50.2 LT
 292+78.1, 50.3 LT
 293+08.0, 31.3 LT
 292+96.0, 6.2 LT
 293+87.6, 53.6 LT
 294+49.4, 08.8 LT
 294+54.1, 10.4 LT
 295+13.0, 57.3 LT

REMOVING CATCH BASINS

290+50.8, 82.9 LT
 290+59.5, 21.2 LT
 293+08.0, 31.3 LT
 295+25.2, 57.8 LT

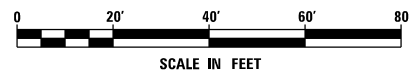
295+13.0, 57.3 LT



SEE DRAWING DU-01
 MATCH LINE STA. 290+00.00

MATCH LINE STA. 296+00.00
 SEE DRAWING DU-03

NOTE:
 1. SEE DRAWING DN-01 FOR DRAINAGE LEGEND AND NOTES.
 2. SEE DRAWINGS DS-01 THROUGH DS-07 FOR STRUCTURE AND PIPE INFORMATION



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FILE NAME = D:\6062-SHT-DRAINE\X02.dgn	USER NAME = Anthony.Plutz	DESIGNED - EJD	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	EXISTING DRAINAGE PLAN - US 55 (LAGRANGE ROAD)			F.A.P. RTE. 330	SECTION 103R-5	COUNTY COOK	TOTAL SHEETS 778	SHEET NO. 157
SHT.PLAN	PLOT SCALE = 48.000000' / in.	CHECKED - JWM	REVISED -		SCALE: 1"=20'	SHEET 2 OF 17 SHEETS	STA. 290+00.00 TO STA. 296+00.00	DU-02		CONTRACT NO. 60M62		
	PLOT DATE = 3/13/2013	DATE - 03/13/13	REVISED -		ILLINOIS FED. AID PROJECT							

SEE DRAWING DU-02
 MATCH LINE STA. 296+00.00

FILE NAME =	USER NAME = Anthony.Plutz
D160M62-SHT-DRAINE.X03.dgn	
SHT_PLAN	

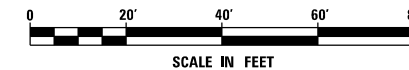
DESIGNED - EJD	REVISED -
DRAWN - EJD	REVISED -
PLLOT SCALE = 48.000000' / in.	CHECKED - JWM
PLLOT DATE = 3/13/2013	DATE - 03/13/13

DESIGNED - EJD	REVISED -
DRAWN - EJD	REVISED -
CHECKED - JWM	REVISED -
DATE - 03/13/13	REVISED -

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

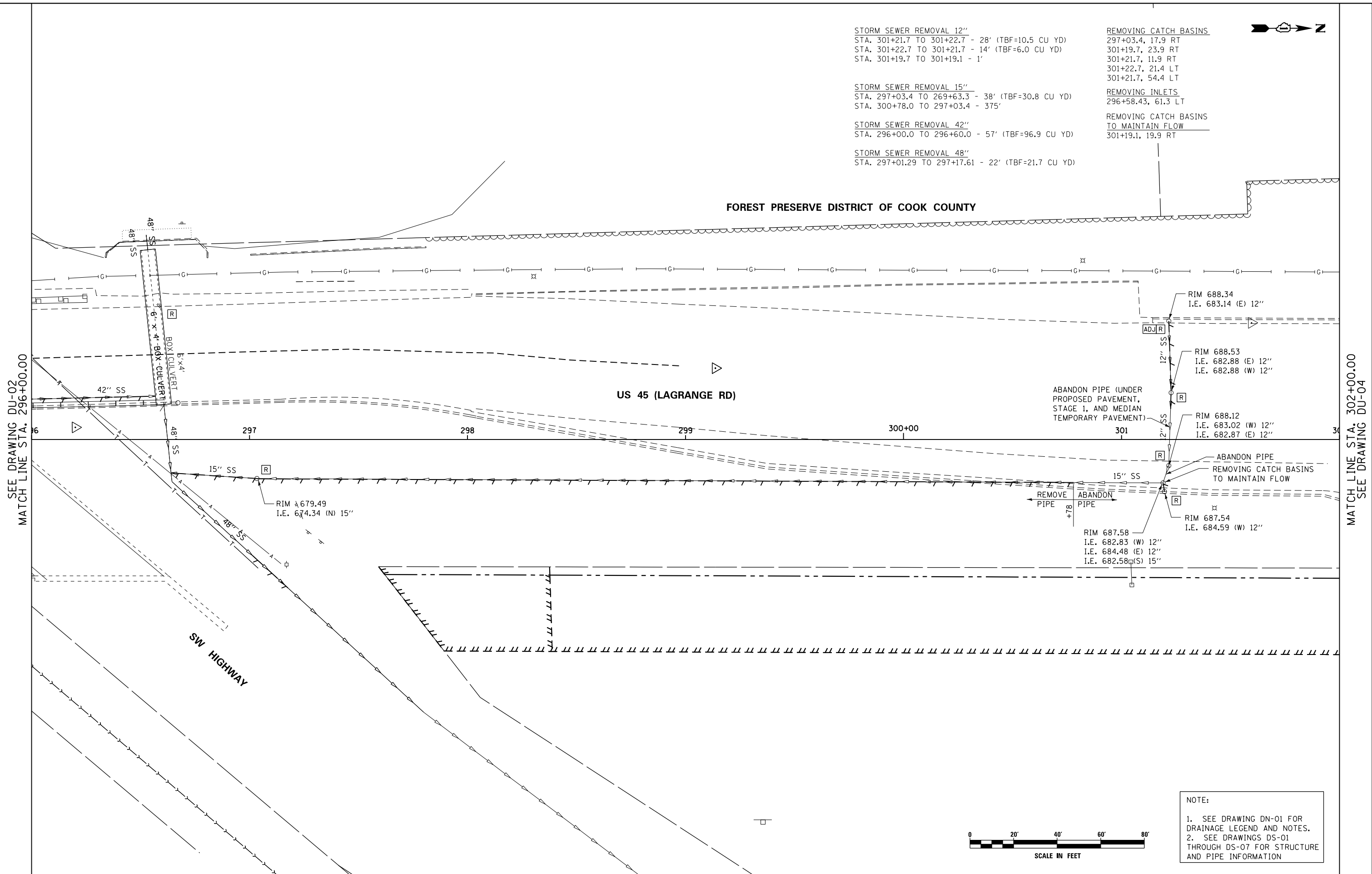
EXISTING DRAINAGE PLAN - US 45 (LAGRANGE ROAD)

SCALE: 1"=20' SHEET 3 OF 17 SHEETS STA. 296+00.00 TO STA. 302+00.00



NOTE:
 1. SEE DRAWING DN-01 FOR DRAINAGE LEGEND AND NOTES.
 2. SEE DRAWINGS DS-01 THROUGH DS-07 FOR STRUCTURE AND PIPE INFORMATION

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
330	103R-5	COOK	778	158
DU-03		CONTRACT NO. 60M62		
ILLINOIS FED. AID PROJECT				



STORM SEWER REMOVAL 12"
 STA. 301+21.7 TO 301+22.7 - 28' (TBF=10.5 CU YD)
 STA. 301+22.7 TO 301+21.7 - 14' (TBF=6.0 CU YD)
 STA. 301+19.7 TO 301+19.1 - 1'

STORM SEWER REMOVAL 15"
 STA. 297+03.4 TO 269+63.3 - 38' (TBF=30.8 CU YD)
 STA. 300+78.0 TO 297+03.4 - 375'

STORM SEWER REMOVAL 42"
 STA. 296+00.0 TO 296+60.0 - 57' (TBF=96.9 CU YD)

STORM SEWER REMOVAL 48"
 STA. 297+01.29 TO 297+17.61 - 22' (TBF=21.7 CU YD)

REMOVING CATCH BASINS
 297+03.4, 17.9 RT
 301+19.7, 23.9 RT
 301+21.7, 11.9 RT
 301+22.7, 21.4 LT
 301+21.7, 54.4 LT

REMOVING INLETS
 296+58.43, 61.3 LT

REMOVING CATCH BASINS TO MAINTAIN FLOW
 301+19.1, 19.9 RT

FOREST PRESERVE DISTRICT OF COOK COUNTY

US 45 (LAGRANGE RD)

SW HIGHWAY

MATCH LINE STA. 302+00.00
 SEE DRAWING DU-04

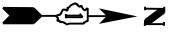
STORM SEWER REMOVAL 12"
 STA. 306+01.2 TO 306+27.6 - 23' (TBF=34.5 CU YD)
 STA. 306+00.1 TO 306+26.2 - 24' (TBF=37.7 CU YD)
 STA. 305+98.5 TO 306+27.1 - 26' (TBF=46.7 CU YD)
 STA. 306+27.1 TO 306+28.9 - 5' (TBF=0.8 CU YD)
 STA. 306+27.1 TO 307+22.0 - 95' (TBF=97.0 CU YD)
 STA. 307+83.5 TO 307+82.0 - 29' (TBF=9.6 CU YD)
 STA. 307+82.0 TO 307+83.5 - 30' (TBF=8.6 CU YD)

STORM SEWER REMOVAL 24"
 STA. 306+04.0 TO 305+97.6 - 137' (TBF=156.7 CU YD)

REMOVING CATCH BASINS
 306+67.6, 49.9 LT
 306+26.2, 16.3 LT
 306+27.1, 25.9 RT
 306+28.9, 17.0 RT
 307+82.0, 13.7 LT
 307+83.5, 47.4 LT

REMOVING CATCH BASINS
 TO MAINTAIN FLOW
 307+82.0, 28.0 RT
 307+83.5, 18.9 RT

END SECTIONS TO BE REMOVED
 306+04.0, 89.9 LT
 305+97.6, 47.1 RT

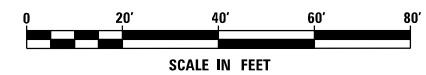
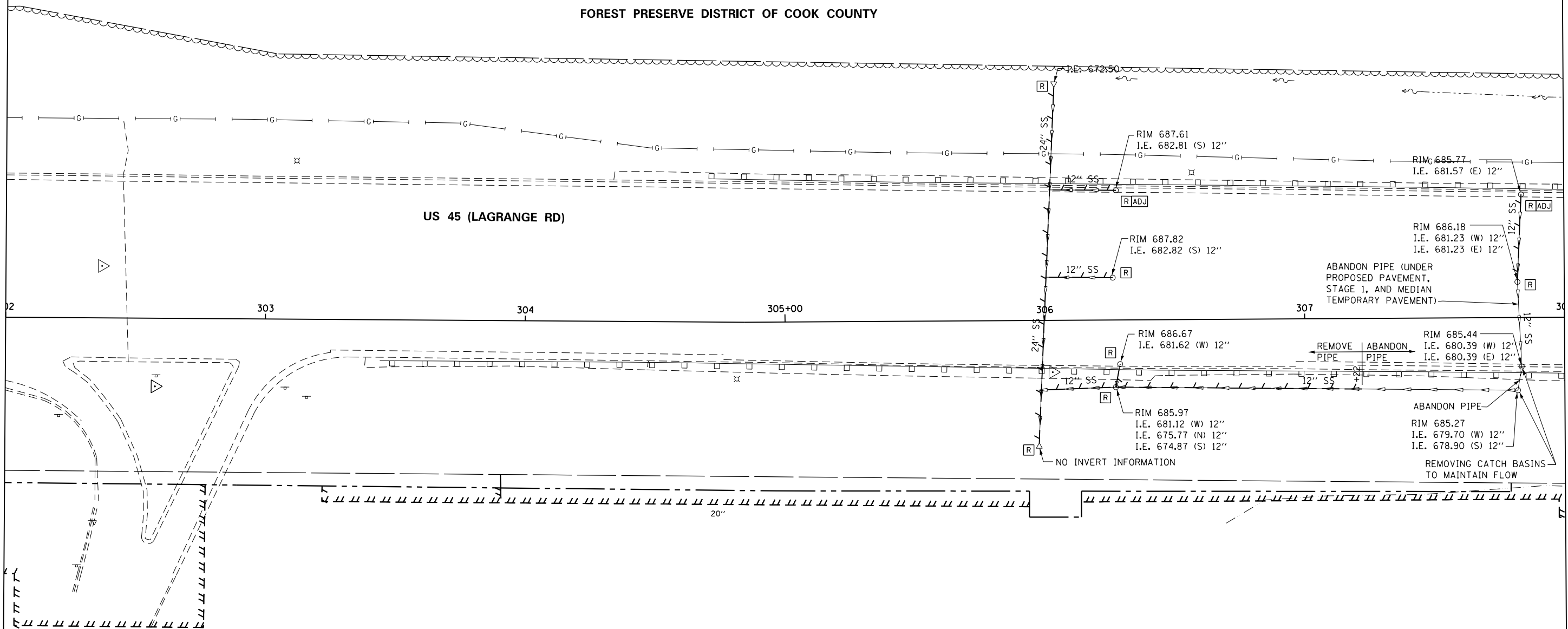


FOREST PRESERVE DISTRICT OF COOK COUNTY

US 45 (LAGRANGE RD)

SEE DRAWING DU-03
 MATCH LINE STA. 302+00.00

MATCH LINE STA. 308+00.00
 SEE DRAWING DU-05



NOTE:
 1. SEE DRAWING DN-01 FOR DRAINAGE LEGEND AND NOTES.
 2. SEE DRAWINGS DS-01 THROUGH DS-07 FOR STRUCTURE AND PIPE INFORMATION

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 100 S. WACKER DR.
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FILE NAME = D160M62-SHT-DRAINE.X04.dgn	USER NAME = Anthony.Plutz	DESIGNED - EJD	REVISED -
SHT.PLAN	PLOT SCALE = 40.000000' / in.	DRAWN - EJD	REVISED -
	PLOT DATE = 3/13/2013	CHECKED - JWM	REVISED -
		DATE - 03/13/13	REVISED -

STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

EXISTING DRAINAGE PLAN - US 45 (LAGRANGE ROAD)
 SCALE: 1"=20' SHEET 4 OF 17 SHEETS STA. 302+00.00 TO STA. 308+00.00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
330	103R-5	COOK	778	159
DU-04		CONTRACT NO. 60M62		
ILLINOIS FED. AID PROJECT				

STORM SEWER REMOVAL 12"
 STA. 308+97.8 TO 309+06.7 - 4' (TBF=1.1 CU YD)
 STA. 309+06.7 TO 309+06.1 - 3'
 STA. 308+98.1 TO 309+06.2 - 4' (TBF=1.4 CU YD)
 STA. 309+06.2 TO 309+35.3 - 27' (TBF=34.1 CU YD)
 STA. 306+97.8 TO 309+07.1 - 5' (TBF=1.4 CU YD)
 STA. 309+07.1 TO 309+35.4 - 26' (TBF=29.6 CU YD)
 STA. 313+54.9 TO 313+55.5 - 24' (TBF=9.0 CU YD)

STORM SEWER REMOVAL 15"
 STA. 309+06.1 TO 309+34.9 - 25' (TBF=38.9 CU YD)
 STA. 309+34.9 TO 312+66.7 - 328' (TBF=470.5 CU YD)
 STA. 312+66.7 TO 312+98.0 - 32' (TBF=28.4 CU YD)
 STA. 313+50 TO 314+00.00 - 50' (TBF=46.0 CU YD)

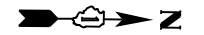
FILLING EXISTING CULVERTS
 STA. 309+35.6 TO 309+34.9

REMOVING MANHOLES
 312+66.7, 35.7 RT

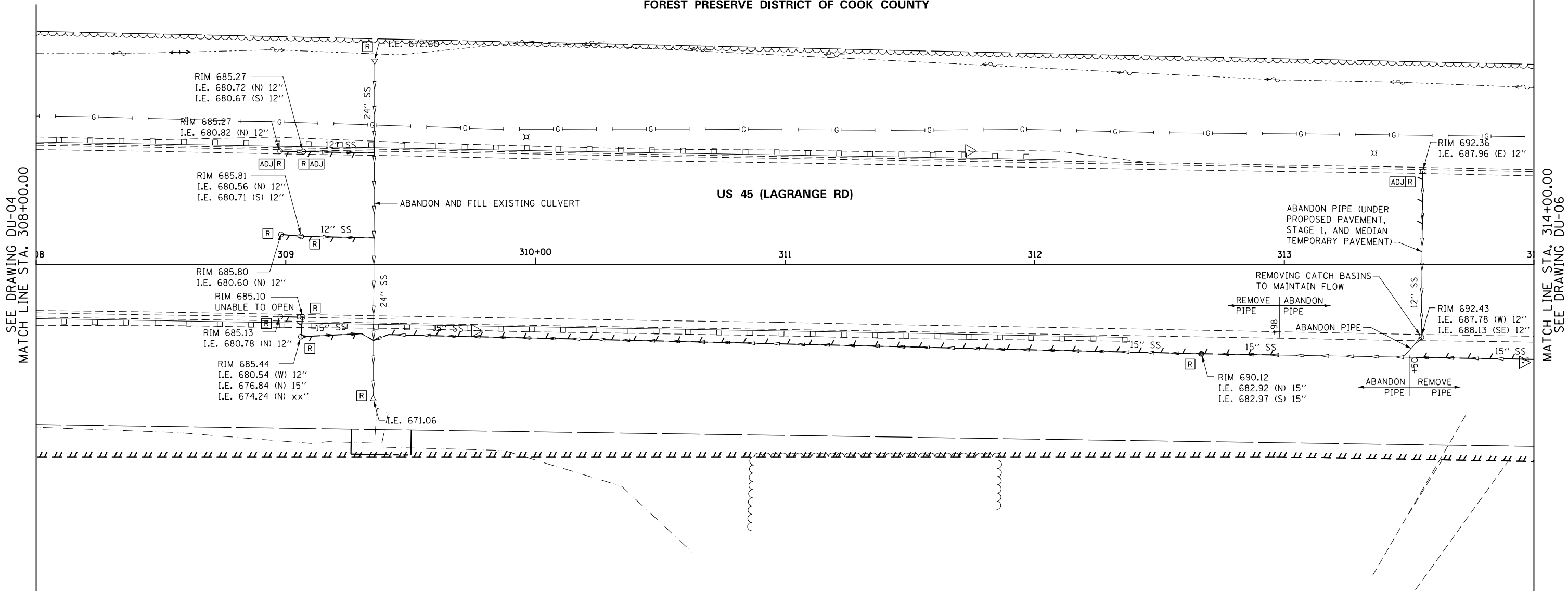
REMOVING CATCH BASINS
 308+97.8, 20.8 RT
 309+06.7, 21.0 RT
 309+06.1, 28.8 RT
 308+98.1, 12.2 LT
 309+06.2, 11.4 LT
 308+97.8, 45.5 LT
 309+07.1, 45.3 LT
 313+55.5, 37.5 LT

REMOVING CATCH BASINS
 TO MAINTAIN FLOW
 313+54.9, 29.0 RT

END SECTIONS TO BE REMOVED
 309+34.9, 52.7 RT
 309+35.6, 80.3 LT

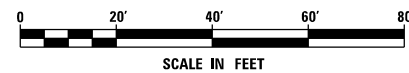


FOREST PRESERVE DISTRICT OF COOK COUNTY



SEE DRAWING DU-04
 MATCH LINE STA. 308+00.00

MATCH LINE STA. 314+00.00
 SEE DRAWING DU-06



NOTE:
 1. SEE DRAWING DN-01 FOR DRAINAGE LEGEND AND NOTES.
 2. SEE DRAWINGS DS-01 THROUGH DS-07 FOR STRUCTURE AND PIPE INFORMATION

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FILE NAME = D160M62-SHT-DRAINE.X05.dgn	USER NAME = Anthony.Plutz	DESIGNED - EJD	REVISED -
SHT_PLAN	PLOT SCALE = 40.000000' / in.	DRAWN - EJD	REVISED -
	PLOT DATE = 3/13/2013	CHECKED - JWM	REVISED -
		DATE - 03/13/13	REVISED -

STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

EXISTING DRAINAGE PLAN - US 45 (LAGRANGE ROAD)

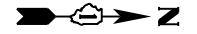
SCALE: 1"=20' SHEET 5 OF 17 SHEETS STA. 308+00.00 TO STA. 314+00.00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
330	103R-5	COOK	778	160
DU-05			CONTRACT NO. 60M62	
ILLINOIS FED. AID PROJECT				

STORM SEWER REMOVAL 12"
 STA. 315+02.3 TO 317+61.6 - 256' (TBF=92.4 CU YD)
 STA. 315+96.3 TO 315+58.2 - 11' (TBF=24.8 CU YD)
 STA. 317+62.7 TO 317+61.6 - 3' (TBF=1.2 CU YD)
 STA. 317+61.4 TO 317+62.7 - 28' (TBF=9.7 CU YD)
 STA. 317+62.3 TO 317+61.4 - 29' (TBF=6.7 CU YD)

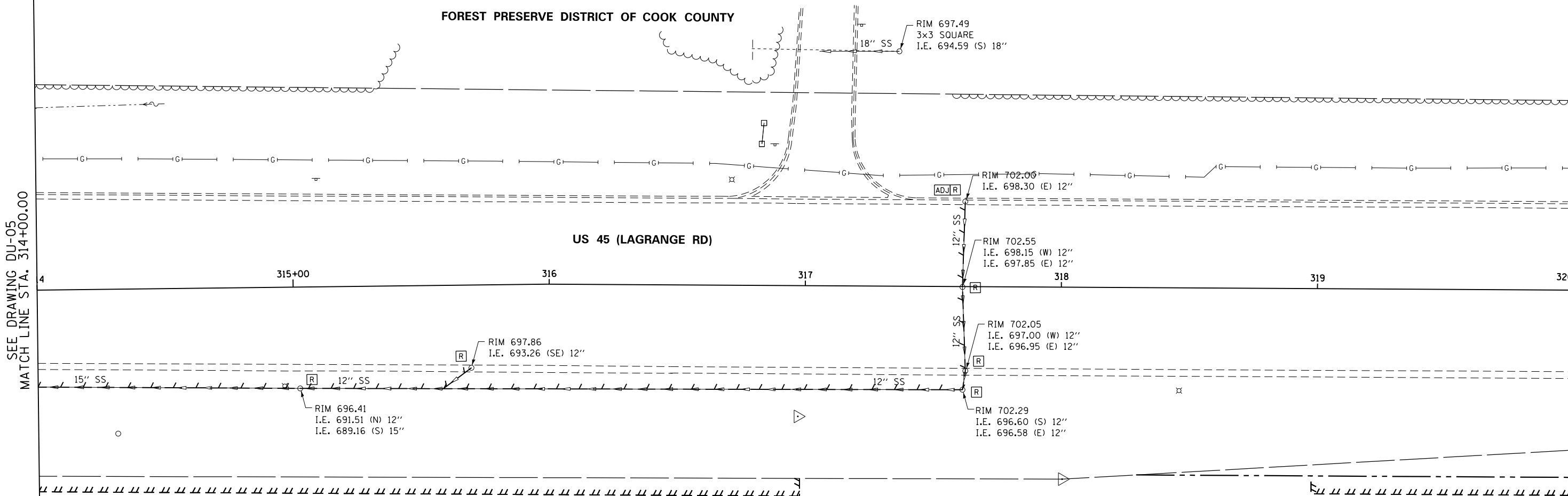
STORM SEWER REMOVAL 15"
 STA. 314+00.0 TO 315+02.3 - 100' (TBF=92.8 CU YD)

REMOVING CATCH BASINS
 315+02.3, 39.6 RT
 315+69.3, 32.3 RT
 317+61.6, 40.3 RT
 317+62.7, 32.9 RT
 317+61.4, 0.0 RT
 317+62.3, 33.2 LT



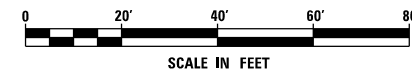
FOREST PRESERVE DISTRICT OF COOK COUNTY

US 45 (LAGRANGE RD)



SEE DRAWING DU-05
 MATCH LINE STA. 314+00.00

MATCH LINE STA. 320+00.00
 SEE DRAWING DU-07



NOTE:
 1. SEE DRAWING DN-01 FOR DRAINAGE LEGEND AND NOTES.
 2. SEE DRAWINGS DS-01 THROUGH DS-07 FOR STRUCTURE AND PIPE INFORMATION

URS
 100 S. WACKER DR.
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FILE NAME = D160M62-SHT-DRAINEX06.dgn	USER NAME = Anthony.Plutz	DESIGNED - EJD	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	EXISTING DRAINAGE PLAN - US 45 (LAGRANGE ROAD)			F.A.P. RTE. 330	SECTION 103R-5	COUNTY COOK	TOTAL SHEETS 778	SHEET NO. 161
SHT_PLAN	PLOT SCALE = 48.000000' / in.	CHECKED - JWM	REVISED -		SCALE: 1"=20'	SHEET 6 OF 17 SHEETS	STA. 314+00.00 TO STA. 320+00.00	DU-06		CONTRACT NO. 60M62		
	PLOT DATE = 3/13/2013	DATE - 03/13/13	REVISED -		ILLINOIS FED. AID PROJECT							



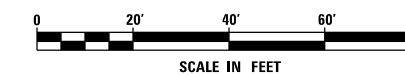
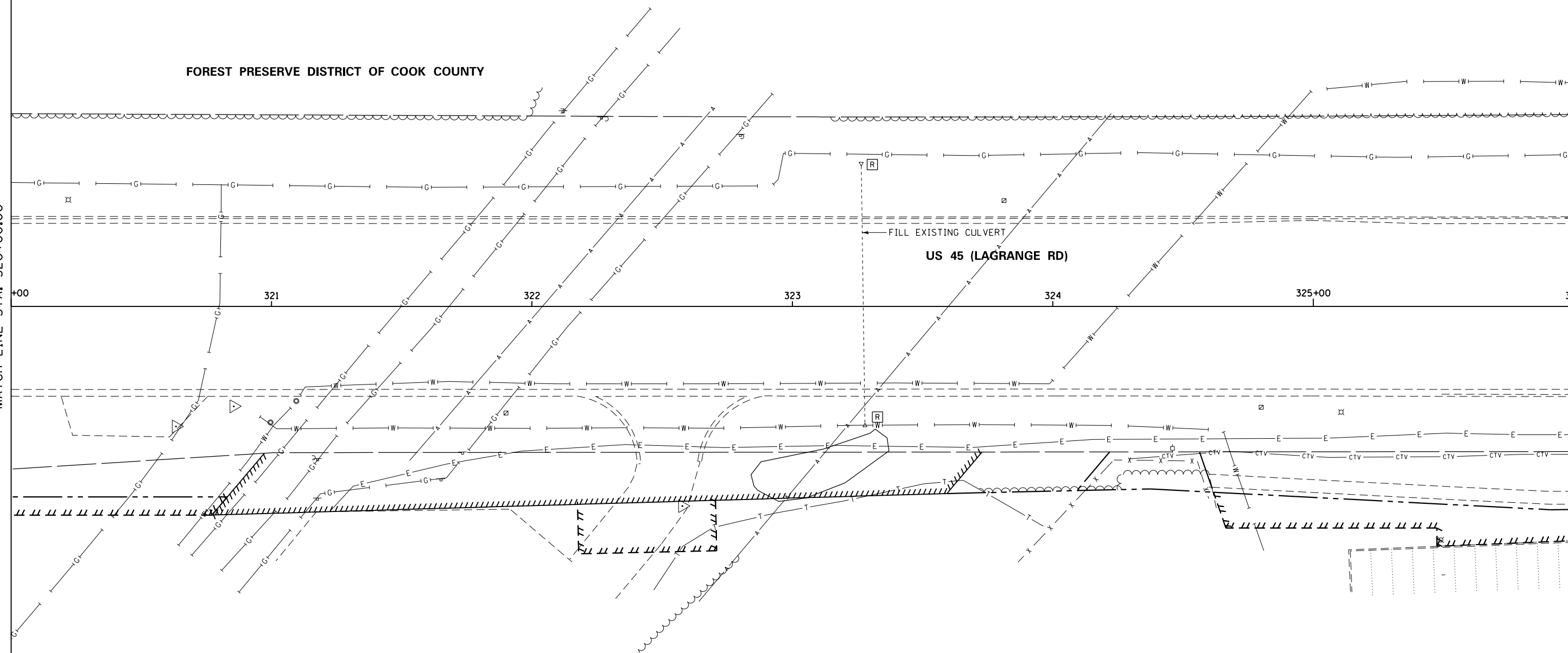
FILLING EXISTING CULVERTS
STA. 323+27.0

END SECTIONS TO BE REMOVED
323+27.8, 44.8 RT
323+26.4, 54.0 LT

FOREST PRESERVE DISTRICT OF COOK COUNTY

SEE DRAWING DU-06
MATCH LINE STA. 320+00.00

MATCH LINE STA. 326+00.00
SEE DRAWING DU-08



NOTE:
1. SEE DRAWING DN-01 FOR DRAINAGE LEGEND AND NOTES.
2. SEE DRAWINGS DS-01 THROUGH DS-07 FOR STRUCTURE AND PIPE INFORMATION

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FILE NAME = D160M62-SHT-DRAINEX07.dgn	USER NAME = Anthony.Plutz	DESIGNED - EJD	REVISED -
SHT_PLAN	PLOT SCALE = 48.000000' / in.	DRAWN - EJD	REVISED -
	PLOT DATE = 3/13/2013	CHECKED - JWM	REVISED -
		DATE - 03/13/13	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

EXISTING DRAINAGE PLAN - US 45 (LAGRANGE ROAD)
SCALE: 1"=20' SHEET 7 OF 17 SHEETS STA. 320+00.00 TO STA. 326+00.00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
330	103R-5	COOK	778	162
DU-07			CONTRACT NO. 60M62	
ILLINOIS FED. AID PROJECT				

STORM SEWER REMOVAL 12"
 STA. 327+63.7 TO 327+62.1 - 47' (TBF=7.5 CU YD)
 STA. 327+62.1 TO 327+61.4 - 27' (TBF=6.6 CU YD)
 STA. 327+61.4 TO 327+63.2 - 4' (TBF=1.4 CU YD)
 STA. 327+63.2 TO 330+31.3 - 263' (TBF=270.2 CU YD)
 STA. 328+78.3 TO 328+87.8 - 11' (TBF=7.7 CU YD)
 STA. 328+80.6 TO 328+87.8 - 8' (TBF=3.1 CU YD)
 STA. 329+66.8 TO 329+78.0 - 8' (TBF=2.2 CU YD)
 STA. 329+78.0 TO 329+83.2 - 6' (TBF=2.4 CU YD)
 STA. 329+71.3 TO 329+78.9 - 3' (TBF=0.9 CU YD)
 STA. 329+78.9 TO 329+78.9 - 5' (TBF=1.2 CU YD)
 STA. 329+78.9 TO 330+30.4 - 47' (TBF=39.6 CU YD)
 STA. 331+81.7 TO 331+77.4 - 17' (TBF=6.2 CU YD)

STORM SEWER REMOVAL 15"
 STA. 330+31.3 TO 330+30.9 - 3' (TBF=5.2 CU YD)
 STA. 330+30.9 TO 330+29.3 - 24' (TBF=24.0 CU YD)
 STA. 331+16.6 TO 331+77.4 - 61' (TBF=22.9 CU YD)
 STA. 331+77.4 TO 332+00.0 - 23' (TBF=9.0 CU YD)

STORM SEWER REMOVAL 18"
 STA. 331+40.0 TO 331+65.00 - 25' (TBF=33.0 CU YD)

REMOVING CATCH BASINS TO MAINTAIN FLOW
 330+29.3, 33.1 RT

REMOVING MANHOLES TO MAINTAIN FLOW
 330+30.4, 41.2 RT

REMOVING INLETS
 327+63.7, 49.6 RT

REMOVING CATCH BASINS
 327+62.1, 0.0 RT
 327+61.4, 62.9 LT
 327+63.2, 41.3 LT
 328+78.3, 51.0 LT
 328+80.6, 33.0 LT
 329+66.8, 32.9 LT
 329+78.0, 32.9 LT
 330+31.3, 39.8 LT
 330+30.9, 33.4 LT
 329+71.3, 32.9 RT
 329+78.9, 33.0 RT
 331+71.5, 0.4 LT
 331+61.0, 1.0 LT
 331+81.7, 42.3 LT
 331+77.4, 64.0 LT

REMOVING MANHOLES
 329+78.9, 41.7 RT



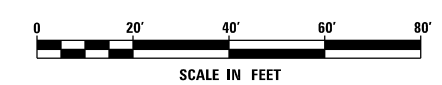
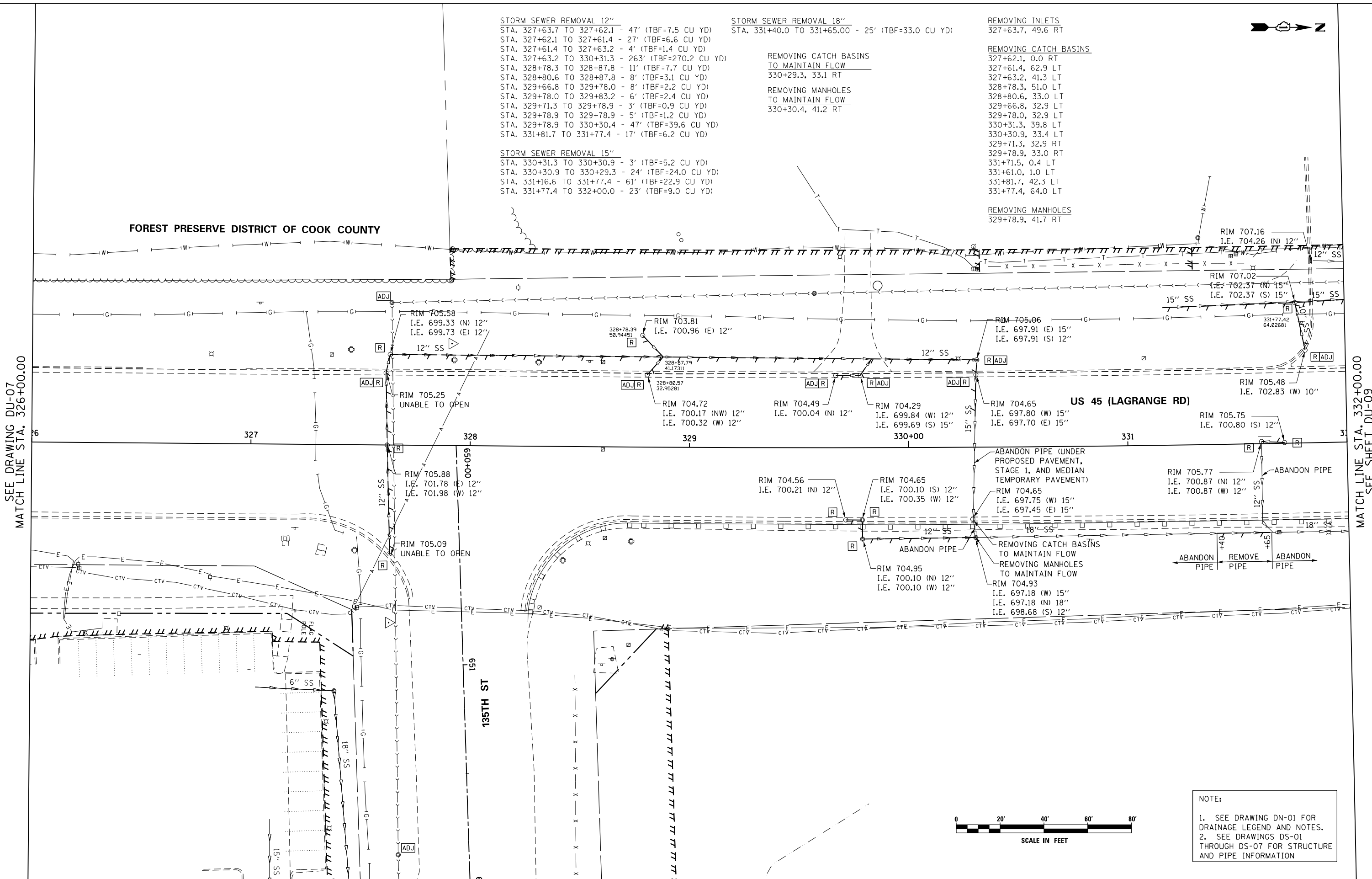
FOREST PRESERVE DISTRICT OF COOK COUNTY

US 45 (LAGRANGE RD)

135TH ST

SEE DRAWING DU-07
 MATCH LINE STA. 326+00.00

MATCH LINE STA. 332+00.00
 SEE SHEET DU-09



NOTE:
 1. SEE DRAWING DN-01 FOR DRAINAGE LEGEND AND NOTES.
 2. SEE DRAWINGS DS-01 THROUGH DS-07 FOR STRUCTURE AND PIPE INFORMATION

100 S. WACKER DR.
 10TH FLOOR
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URS

FILE NAME = D160M62-SHT-DRAINE.X08.dgn	USER NAME = Anthony.Plutz	DESIGNED - EJD	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	EXISTING DRAINAGE PLAN - US 45 (LAGRANGE ROAD)			F.A.P. RTE. 330	SECTION 103R-5	COUNTY COOK	TOTAL SHEETS 778	SHEET NO. 163
PLOT SCALE = 48.000000' / in.	CHECKED - JWM	REVISOR -	DATE - 03/13/13		SCALE: 1"=20'	SHEET 8 OF 17 SHEETS	STA. 326+00.00 TO STA. 332+00.00	DU-08 CONTRACT NO. 60M62				
SHT.PLAN	DATE - 03/13/13	REVISOR -			ILLINOIS FED. AID PROJECT							

SEE DRAWING DU-08
MATCH LINE STA. 332+00.00

MATCH LINE STA. 338+00.00
SEE DRAWING DU-10

STORM SEWER REMOVAL 12"
STA. 332+10.8 TO 332+12.1 - 18' (TBF=4.2 CU YD)
STA. 332+52.1 TO 332+65.5 - 10' (TBF=7.7 CU YD)
STA. 334+02.5 TO 334+00.6 - 61' (TBF=9.7 CU YD)
STA. 334+06.3 TO 334+04.0 - 17' (TBF=2.7 CU YD)
STA. 337+34.0 TO 337+32.0 - 61' (TBF=14.3 CU YD)
STA. 337+32.0 TO 337+30.8 - 3' (TBF=2.3 CU YD)
STA. 337+30.8 TO 335+99.2 - 217' (TBF=196.7 CU YD)
STA. 334+26.0 TO 334+76.9 - 51' (TBF=12.0 CU YD)

STORM SEWER REMOVAL 15"
STA. 335+99.2 TO 332+88.2 - 307' (TBF=543.3 CU YD)
STA. 332+00.0 TO 332+12.1 - 12' (TBF=5.7 CU YD)

STORM SEWER REMOVAL 18"
STA. 332+62.0 TO 332+88.2 - 26' (TBF=42.0 CU YD)

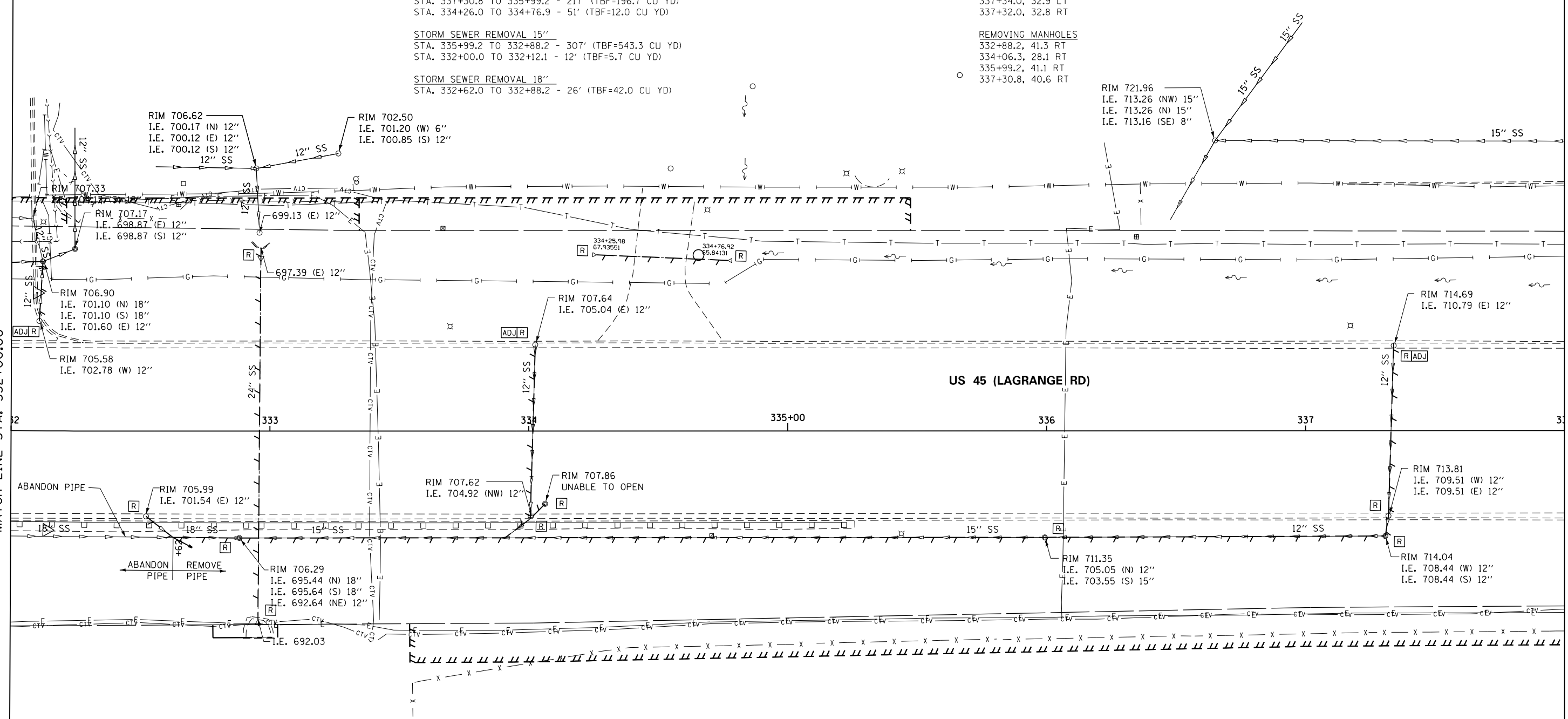
STORM SEWER REMOVAL 24"
STA. 332+96.0 TO 332+95.4 - 143' (TBF=236.1 CU YD)

REMOVING INLETS
334+00.6, 33.9 LT

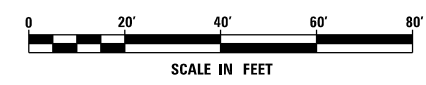
REMOVING CATCH BASINS
332+10.8, 42.7 LT
332+52.1, 32.9 RT
334+02.5, 33.3 LT
337+34.0, 32.9 LT
337+32.0, 32.8 RT

REMOVING MANHOLES
332+88.2, 41.3 RT
334+06.3, 28.1 RT
335+99.2, 41.1 RT
337+30.8, 40.6 RT

END SECTIONS TO BE REMOVED
332+96.5, 67.5 LT
332+95.4, 72.8 RT
334+26.0, 67.9 LT
334+79.9, 65.8 LT

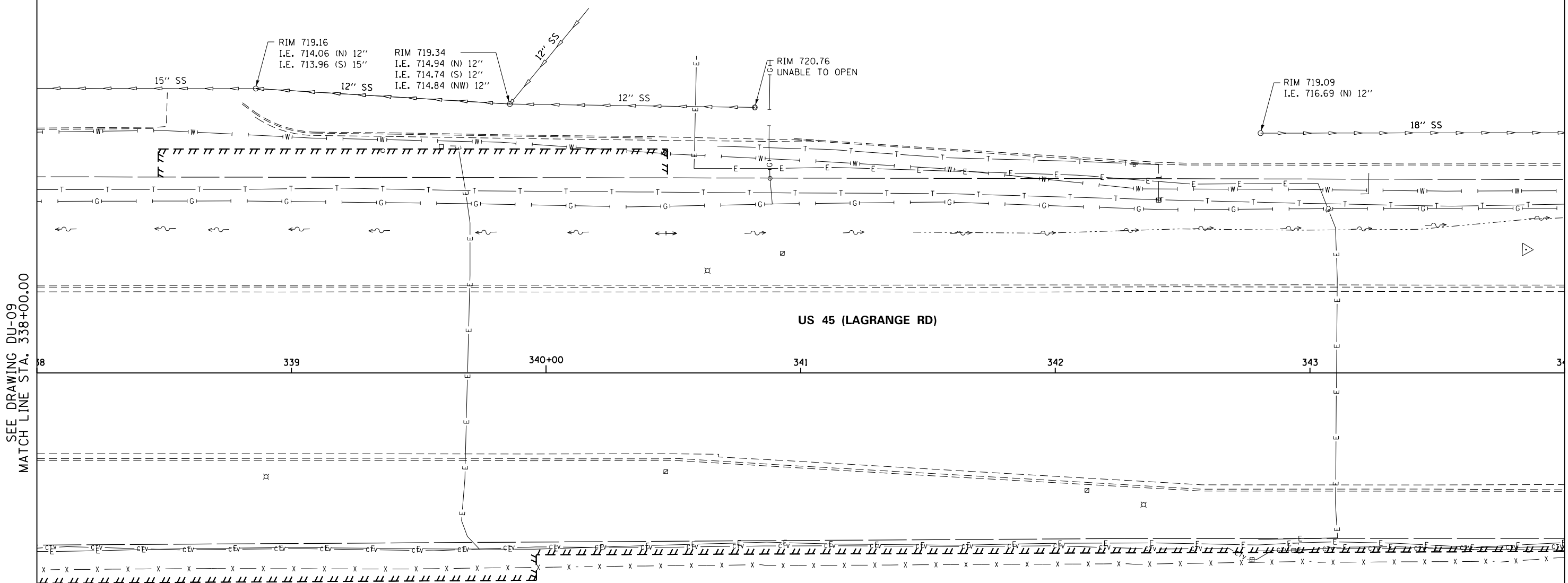


US 45 (LAGRANGE RD)



NOTE:
1. SEE DRAWING DN-01 FOR DRAINAGE LEGEND AND NOTES.
2. SEE DRAWINGS DS-01 THROUGH DS-07 FOR STRUCTURE AND PIPE INFORMATION

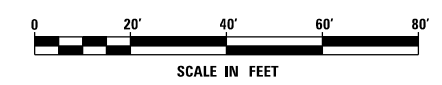
FILE NAME = D160M62-SHT-DRAINE.X09.dgn	USER NAME = Anthony.Plutz	DESIGNED - EJD	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	EXISTING DRAINAGE PLAN - US 45 (LAGRANGE ROAD)			F.A.P. RTE. 330	SECTION 103R-5	COUNTY COOK	TOTAL SHEETS 778	SHEET NO. 164
PLOT SCALE = 48.000000' / in.	CHECKED - JWM	REVISED -	REVISED -		SCALE: 1"=20'	SHEET 9 OF 17 SHEETS	STA. 332+00.00 TO STA. 338+00.00	DU-09		CONTRACT NO. 60M62		
PLOT DATE = 3/13/2013	DATE - 03/13/13	REVISED -	REVISED -		ILLINOIS FED. AID PROJECT							
SHT.PLAN												



SEE DRAWING DU-09
MATCH LINE STA. 338+00.00

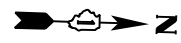
MATCH LINE STA. 344+00.00
SEE DRAWING DU-11

URS
100 S. WACKER DR.
SUITE 600
CHICAGO, IL 60606
TEL (312) 939-1000
FAX (312) 939-4998



NOTE:
1. SEE DRAWING DN-01 FOR DRAINAGE LEGEND AND NOTES.
2. SEE DRAWINGS DS-01 THROUGH DS-07 FOR STRUCTURE AND PIPE INFORMATION

FILE NAME = D160M62-SHT-DRAINE10.dgn	USER NAME = Anthony.Plutz	DESIGNED - EJD	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	EXISTING DRAINAGE PLAN - US 45 (LAGRANGE ROAD)			F.A.P. RTE. 330	SECTION 103R-5	COUNTY COOK	TOTAL SHEETS 778	SHEET NO. 165
	PLOT SCALE = 40.000000' / in.	CHECKED - JWM	REVISED -					DU-10			CONTRACT NO. 60M62	
SHT_PLAN	PLOT DATE = 3/13/2013	DATE - 03/13/13	REVISED -	SCALE: 1"=20' SHEET 10 OF 17 SHEETS STA. 338+00.00 TO STA. 344+00.00								



STORM SEWER REMOVAL 12"
 STA. 348+00.5 TO 348+01.8 - 71' (TBF=20.8 CU YD)
 STA. 348+84.4 TO 348+84.4 - 3' (TBF=0.5 CU YD)

REMOVING INLETS
 348+00.5, 32.9 LT

END SECTIONS TO BE REMOVED
 344+54.2, 58.9 LT

STORM SEWER REMOVAL 24"
 STA. 344+54.2 TO 344+54.3 - 136' (TBF=53.7 CU YD)
 STA. 348+01.8 TO 350+00.0 - 196' (TBF=184.4 CU YD)

REMOVING CATCH BASINS

344+50.4, 33.0 LT
 348+08.7, 44.8 RT
 348+84.6, 54.2 RT
 348+84.4, 53.1 RT

REMOVING MANHOLES

344+54.0, 33.0 RT
 344+58.2, 72.1' RT
 348+01.8, 41.4 RT

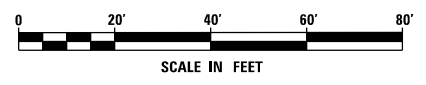
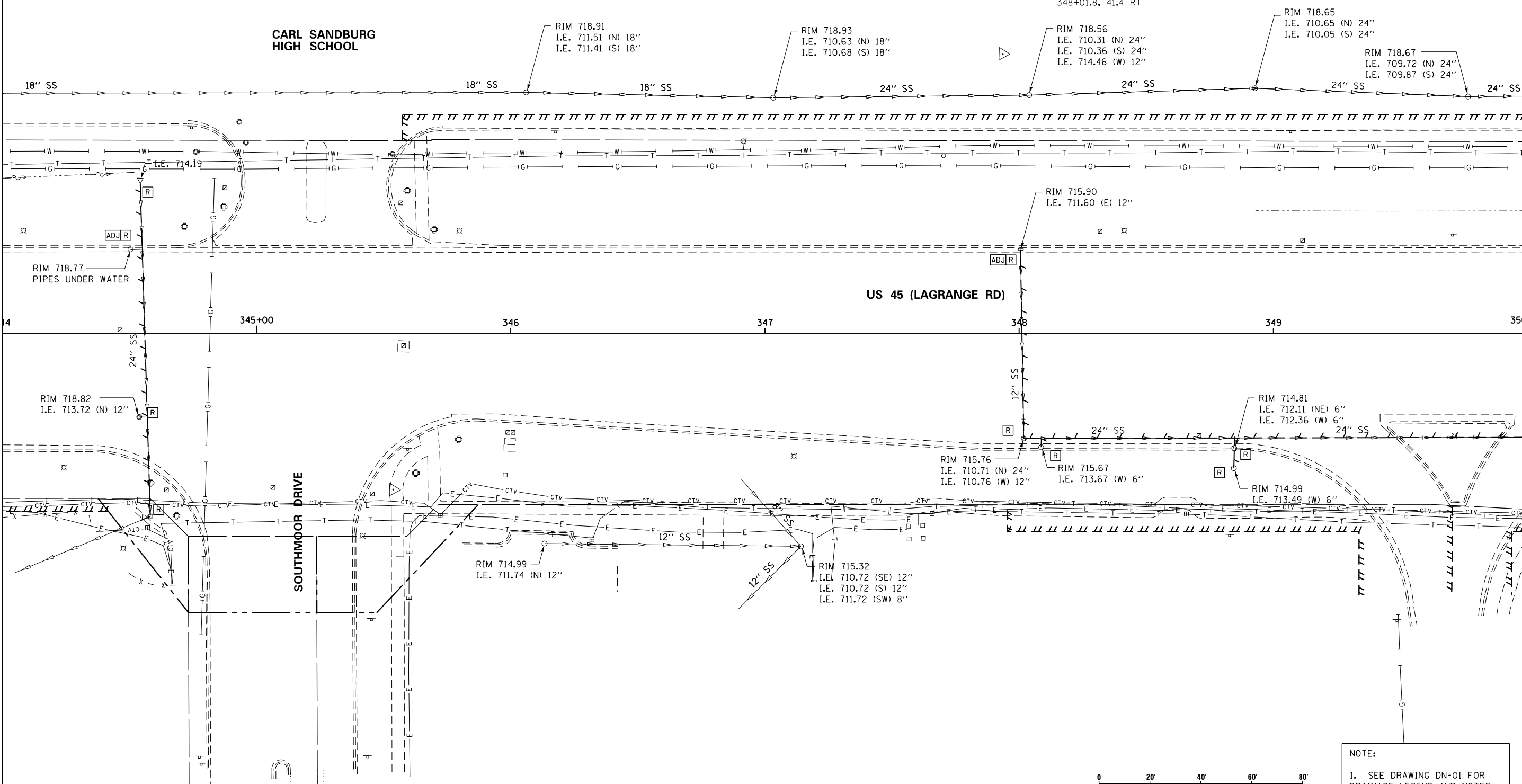
CARL SANDBURG
 HIGH SCHOOL

US 45 (LAGRANGE RD)

SOUTHMOOR DRIVE

SEE DRAWING DU-10
 MATCH LINE STA. 344+00.00

MATCH LINE STA. 350+00.00
 SEE DRAWING DU-12



NOTE:
 1. SEE DRAWING DN-01 FOR DRAINAGE LEGEND AND NOTES.
 2. SEE DRAWINGS DS-01 THROUGH DS-07 FOR STRUCTURE AND PIPE INFORMATION

URS
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FILE NAME = D:\160M62-SHT-DRAINE\X11.dgn
 SHT_PLAN

USER NAME = Anthony.Plutz	DESIGNED - EJD	REVISED -
DRAWN - EJD	REVISED -	
PLOT SCALE = 48.000000' / in.	CHECKED - JWM	REVISED -
PLOT DATE = 3/13/2013	DATE - 03/13/13	REVISED -

STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

EXISTING DRAINAGE PLAN - US 45 (LAGRANGE ROAD)

SCALE: 1"=20' SHEET 11 OF 17 SHEETS STA. 344+00.00 TO STA. 350+00.00

F.A.P. R.E. 330	SECTION 103R-5	COUNTY COOK	TOTAL SHEETS 778	SHEET NO. 166
DU-11		CONTRACT NO. 60M62		
ILLINOIS FED. AID PROJECT				

STORM SEWER REMOVAL - 12"
 STA. 350+01.4 TO 350+01.3 - 64' (TBF=18.2 CU YD)
 STA. 350+01.3 TO 350+04.5 - 6' (TBF=2.9 CU YD)
 STA. 350+62.3 TO 350+61.9 - 39' (TBF=20.2 CU YD)
 STA. 352+02.5 TO 352+01.0 - 62' (TBF=18.6 CU YD)
 STA. 352+01.0 TO 352+05.1 - 15' (TBF=8.5 CU YD)
 STA. 353+95.2 TO 354+11.7 - 47' (TBF=15.4 CU YD)
 STA. 354+11.7 TO 354+10.4 - 103' (TBF=24.4 CU YD)
 STA. 354+14.5 TO 354+12.2 - 26' (TBF=7.2 CU YD)
 STA. 355+35.6 TO 355+32.7 - 61' (TBF=17.2 CU YD)

STORM SEWER REMOVAL - 15"
 STA. 353+52.4 TO 355+32.5 - 177' (TBF=40.7 CU YD)

STORM SEWER REMOVAL - 18"
 STA. 354+10.4 TO 355+32.7 - 119' (TBF=55.9 CU YD)
 STA. 355+32.5 TO 356+00.0 - 80' (TBF=63.1 CU YD)
 STA. 355+28.8 TO 356+00.0 - 65' (TBF=22.0 CU YD)

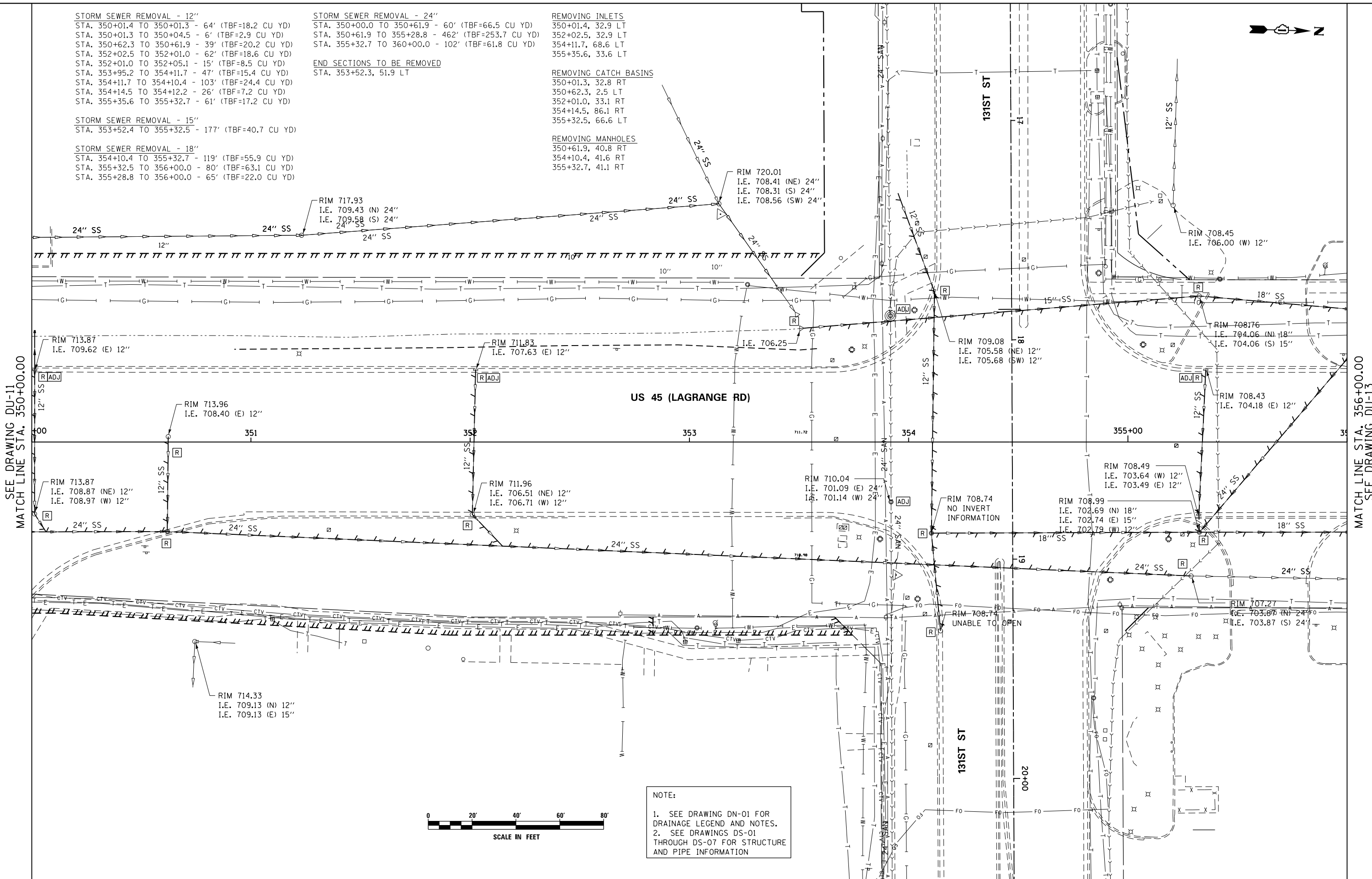
STORM SEWER REMOVAL - 24"
 STA. 350+00.0 TO 350+61.9 - 60' (TBF=66.5 CU YD)
 STA. 350+61.9 TO 355+28.8 - 462' (TBF=253.7 CU YD)
 STA. 355+32.7 TO 360+00.0 - 102' (TBF=61.8 CU YD)

END SECTIONS TO BE REMOVED
 STA. 353+52.3, 51.9 LT

REMOVING INLETS
 350+01.4, 32.9 LT
 352+02.5, 32.9 LT
 354+11.7, 68.6 LT
 355+35.6, 33.6 LT

REMOVING CATCH BASINS
 350+01.3, 32.8 RT
 350+62.3, 2.5 LT
 352+01.0, 33.1 RT
 354+14.5, 86.1 RT
 355+32.5, 66.6 LT

REMOVING MANHOLES
 350+61.9, 40.8 RT
 354+10.4, 41.6 RT
 355+32.7, 41.1 RT



SEE DRAWING DU-11
 MATCH LINE STA. 350+00.00

MATCH LINE STA. 356+00.00
 SEE DRAWING DU-13

100 S. WACKER DR.
 SUITE 600
 CHICAGO, IL 60606
 TEL (312) 939-1000
 FAX (312) 939-4998



FILE NAME = D160M62-SHT-DRAINE12.dgn	USER NAME = Anthony.Plutz	DESIGNED - EJD	REVISED -
PLOT SCALE = 48.000000' / in.	CHECKED - JWM	DRAWN - EJD	REVISED -
PLOT DATE = 3/13/2013	DATE - 03/13/13	REVISIONS	REVISED -

STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

EXISTING DRAINAGE PLAN - US 45 (LAGRANGE ROAD)
 SCALE: 1"=20' SHEET 12 OF 17 SHEETS STA. 350+00.00 TO STA. 356+00.00

F.A.P. R.E. 330	SECTION 103R-5	COUNTY COOK	TOTAL SHEETS 778	SHEET NO. 167
DU-12		CONTRACT NO. 60M62		
ILLINOIS FED. AID PROJECT				

STORM SEWER REMOVAL - 12"
 STA. 357+32.3 TO 357+29.5 - 64' (TBF=25.5 CU YD)
 STA. 357+29.5 TO 357+29.5 - 5' (TBF=4.3 CU YD)
 STA. 359+77.7 TO 359+89.2 - 10' (TBF=7.3 CU YD)
 STA. 359+76.3 TO 359+77.7 - 3' (TBF=2.3 CU YD)
 STA. 359+89.2 TO 361+77.8 - 185' (TBF=241.9 CU YD)
 STA. 359+89.2 TO 362+00.0 - 211' (TBF=155.5 CU YD)
 STA. 360+30.9 TO 360+42.7 - 11' (TBF=1.8 CU YD)
 STA. 360+42.7 TO 360+40.3 - 31' (TBF=5.0 CU YD)
 STA. 360+32.1 TO 360+40.3 - 6' (TBF=1.0 CU YD)
 STA. 360+40.3 TO 360+40.7 - 28' (TBF=5.7 CU YD)
 STA. 360+31.6 TO 360+40.7 - 7' (TBF=1.2 CU YD)
 STA. 360+40.7 TO 360+35.4 - 8' (TBF=5.9 CU YD)
 STA. 361+47.9 TO 361+49.0 - 30' (TBF=4.8 CU YD)
 STA. 361+49.0 TO 361+48.4 - 30' (TBF=7.2 CU YD)
 STA. 361+48.4 TO 361+43.5 - 6' (TBF=2.6 CU YD)

STORM SEWER REMOVAL 18"
 STA. 356+00.0 TO 356+18.1 - 16' (TBF=5.7 CU YD)
 STA. 356+00.0 TO 357+29.5 - 128' (TBF=57.9 CU YD)
 STA. 357+29.5 TO 359+88.2 - 257' (TBF=129.9 CU YD)

STORM SEWER REMOVAL 21"
 STA. 361+12.5 TO 361+00.8 - 14' (TBF=13.3 CU YD)

STORM SEWER REMOVAL 24"
 STA. 356+00.0 TO 356+18.1 - 26' (TBF=26.5 CU YD)
 STA. 359+89.2 TO 359+88.2 - 127' (TBF=197.3 CU YD)

STORM SEWER REMOVAL 36"
 STA. 359+88.2 TO 361+00.8 - 113' (TBF=281.3 CU YD)

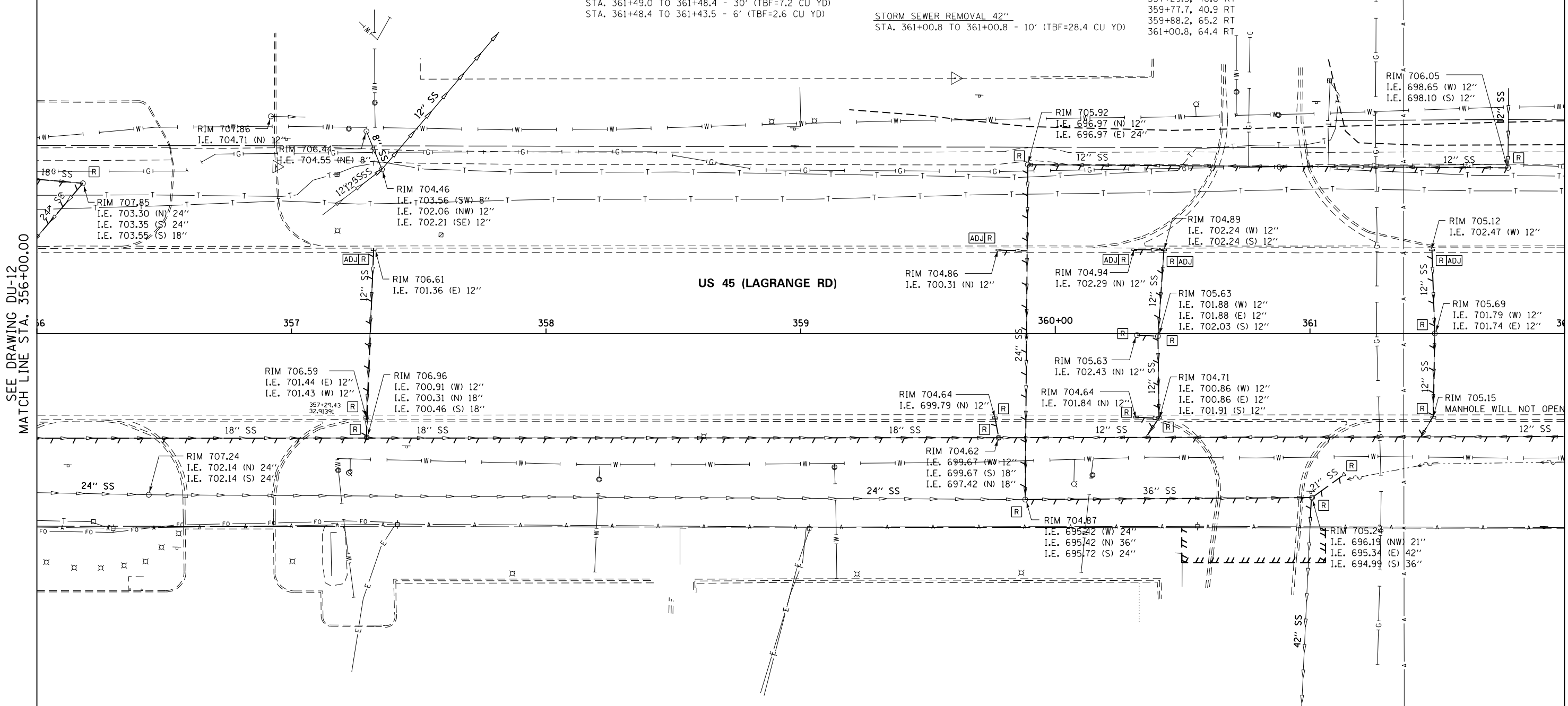
STORM SEWER REMOVAL 42"
 STA. 361+00.8 TO 361+00.8 - 10' (TBF=28.4 CU YD)

REMOVING INLETS
 357+32.3, 33.0 LT
 357+29.5, 32.5 RT
 359+77.7, 32.8 LT
 359+76.3, 32.0 RT
 360+30.9, 33.0 LT
 360+42.7, 32.9 LT
 360+31.6, 32.8 RT
 360+40.7, 33.1 RT
 361+47.9, 31.9 LT
 361+43.5, 40.6 RT
 357+29.4, 32.9 RT

REMOVING CATCH BASINS
 356+18.1, 59.1 LT
 359+89.2, 66.4 LT
 360+32.1, 0.6 RT
 360+40.3, 1.0 RT
 361+49.0, 0.1 LT
 361+77.8, 65.1 LT

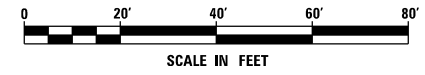
REMOVING MANHOLES
 357+29.5, 40.0 RT
 359+77.7, 40.9 RT
 359+88.2, 65.2 RT
 361+00.8, 64.4 RT

END SECTIONS TO BE REMOVED
 STA. 361+12.5, 55.9 RT



SEE DRAWING DU-12
 MATCH LINE STA. 356+00.00

MATCH LINE STA. 362+00.00
 SEE DRAWING DU-14



NOTE:
 1. SEE DRAWING DN-01 FOR DRAINAGE LEGEND AND NOTES.
 2. SEE DRAWINGS DS-01 THROUGH DS-07 FOR STRUCTURE AND PIPE INFORMATION

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 SUITE 600
 CHICAGO, IL 60606
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URS

FILE NAME = D160M62-SHT-DRAINE13.dgn	USER NAME = Anthony.Plutz	DESIGNED - EJD	REVISED -
PLOT SCALE = 40.000000' / in.	CHECKED - JWM	DRAWN - EJD	REVISED -
PLOT DATE = 3/13/2013	DATE - 03/13/13		REVISED -

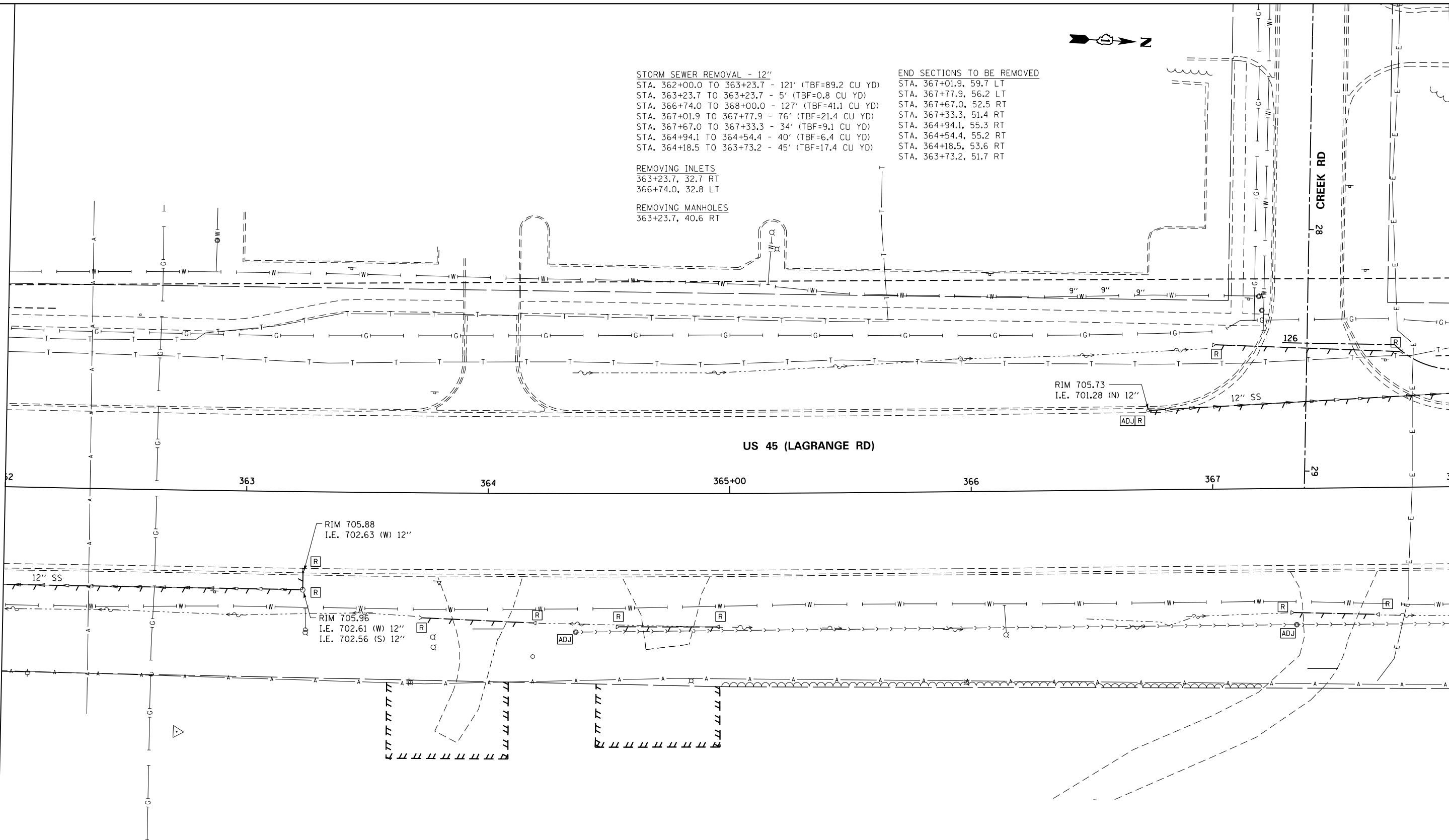
STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

EXISTING DRAINAGE PLAN - US 45 (LAGRANGE ROAD)

SCALE: 1"=20' SHEET 13 OF 17 SHEETS STA. 356+00.00 TO STA. 362+00.00

F.A.P. R.T.E. 330	SECTION 103R-5	COUNTY COOK	TOTAL SHEETS 778	SHEET NO. 168
DU-13		CONTRACT NO. 60M62		
ILLINOIS FED. AID PROJECT				

SEE DRAWING DU-13
 MATCH LINE STA. 362+00.00



STORM SEWER REMOVAL - 12"
 STA. 362+00.0 TO 363+23.7 - 121' (TBF=89.2 CU YD)
 STA. 363+23.7 TO 363+23.7 - 5' (TBF=0.8 CU YD)
 STA. 366+74.0 TO 368+00.0 - 127' (TBF=41.1 CU YD)
 STA. 367+01.9 TO 367+77.9 - 76' (TBF=21.4 CU YD)
 STA. 367+67.0 TO 367+33.3 - 34' (TBF=9.1 CU YD)
 STA. 364+94.1 TO 364+54.4 - 40' (TBF=6.4 CU YD)
 STA. 364+18.5 TO 363+73.2 - 45' (TBF=17.4 CU YD)

REMOVING INLETS
 363+23.7, 32.7 RT
 366+74.0, 32.8 LT

REMOVING MANHOLES
 363+23.7, 40.6 RT

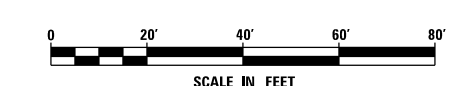
END SECTIONS TO BE REMOVED
 STA. 367+01.9, 59.7 LT
 STA. 367+77.9, 56.2 LT
 STA. 367+67.0, 52.5 RT
 STA. 367+33.3, 51.4 RT
 STA. 364+94.1, 55.3 RT
 STA. 364+54.4, 55.2 RT
 STA. 364+18.5, 53.6 RT
 STA. 363+73.2, 51.7 RT

US 45 (LAGRANGE RD)

RIM 705.88
 I.E. 702.63 (W) 12"

RIM 705.96
 I.E. 702.61 (W) 12"
 I.E. 702.56 (S) 12"

RIM 705.73
 I.E. 701.28 (N) 12"



NOTE:
 1. SEE DRAWING DN-01 FOR DRAINAGE LEGEND AND NOTES.
 2. SEE DRAWINGS DS-01 THROUGH DS-07 FOR STRUCTURE AND PIPE INFORMATION

MATCH LINE STA. 368+00.00
 SEE DRAWING DU-15

FILE NAME = D160M62-SHT-DRAINEX14.dgn	USER NAME = Anthony.Plutz	DESIGNED - EJD	REVISED -
		DRAWN - EJD	REVISED -
		CHECKED - JWM	REVISED -
SHT_PLAN	PLOT DATE = 3/13/2013	DATE - 03/13/13	REVISED -

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

EXISTING DRAINAGE PLAN - US 45 (LAGRANGE ROAD)
 SCALE: 1"=20' SHEET 14 OF 17 SHEETS STA. 362+00.00 TO STA. 368+00.00

F.A.P. RTE. 330	SECTION 103R-5	COUNTY COOK	TOTAL SHEETS 778	SHEET NO. 169
DU-14			CONTRACT NO. 60M62	
ILLINOIS FED. AID PROJECT				



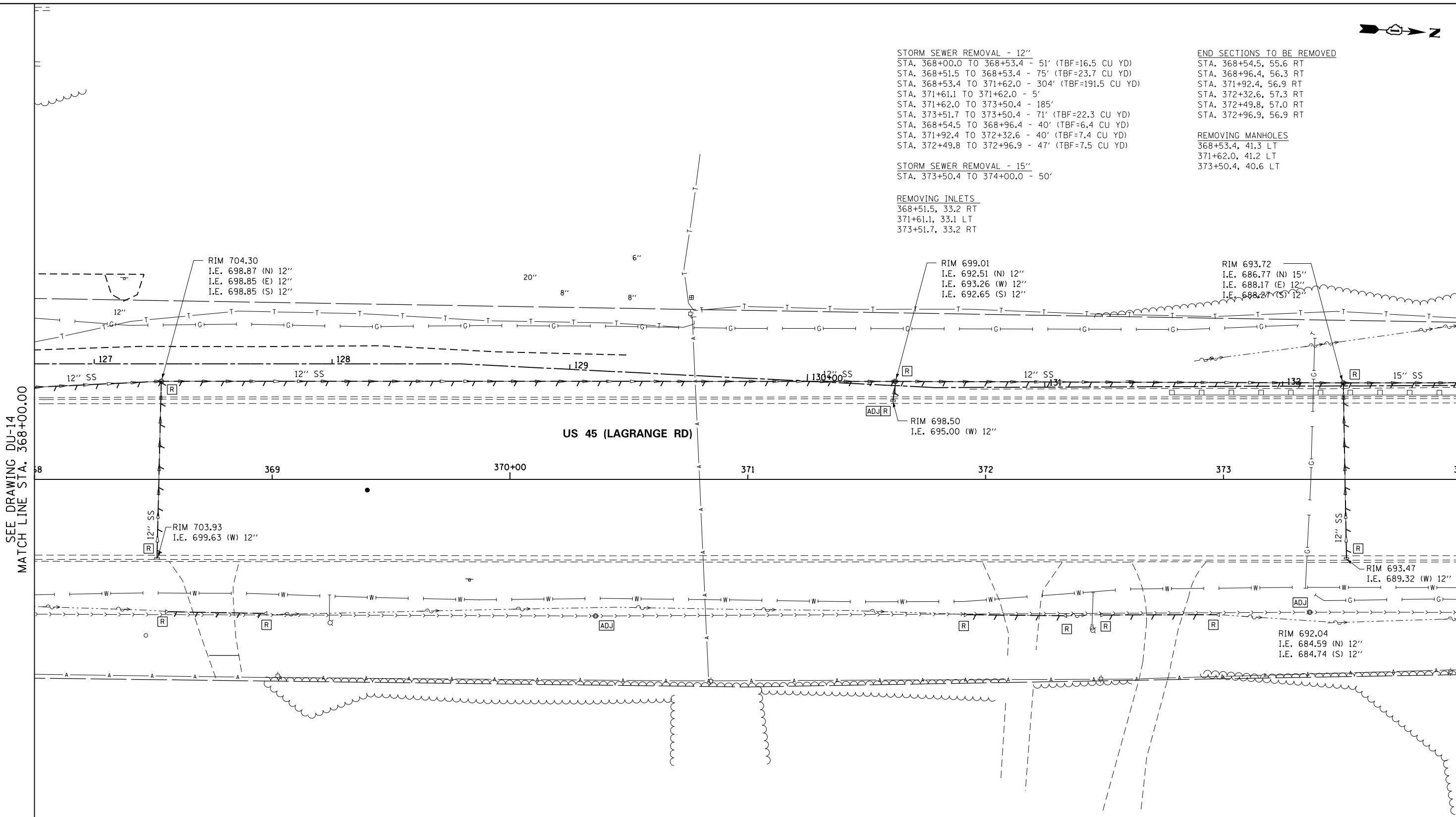
STORM SEWER REMOVAL - 12"
 STA. 368+00.0 TO 368+53.4 - 51' (TBF=16.5 CU YD)
 STA. 368+51.5 TO 368+53.4 - 75' (TBF=23.7 CU YD)
 STA. 368+53.4 TO 371+62.0 - 304' (TBF=191.5 CU YD)
 STA. 371+61.1 TO 371+62.0 - 5'
 STA. 371+62.0 TO 373+50.4 - 185'
 STA. 373+51.7 TO 373+50.4 - 71' (TBF=22.3 CU YD)
 STA. 368+54.5 TO 368+96.4 - 40' (TBF=6.4 CU YD)
 STA. 371+92.4 TO 372+32.6 - 40' (TBF=7.4 CU YD)
 STA. 372+49.8 TO 372+96.9 - 47' (TBF=7.5 CU YD)

END SECTIONS TO BE REMOVED
 STA. 368+54.5, 55.6 RT
 STA. 368+96.4, 56.3 RT
 STA. 371+92.4, 56.9 RT
 STA. 372+32.6, 57.3 RT
 STA. 372+49.8, 57.0 RT
 STA. 372+96.9, 56.9 RT

STORM SEWER REMOVAL - 15"
 STA. 373+50.4 TO 374+00.0 - 50'

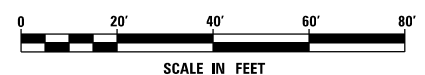
REMOVING MANHOLES
 368+53.4, 41.3 LT
 371+62.0, 41.2 LT
 373+50.4, 40.6 LT

REMOVING INLETS
 368+51.5, 33.2 RT
 371+61.1, 33.1 LT
 373+51.7, 33.2 RT



SEE DRAWING DU-14
 MATCH LINE STA. 368+00.00

MATCH LINE STA. 374+00.00
 SEE DRAWING DU-16



NOTE:
 1. SEE DRAWING DN-01 FOR DRAINAGE LEGEND AND NOTES.
 2. SEE DRAWINGS DS-01 THROUGH DS-07 FOR STRUCTURE AND PIPE INFORMATION

100 S. WACKER DR.
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 FAX (312) 935-4998



FILE NAME = D:\160M62-SHT-DRAINE\X15.dgn
 SHT_PLAN

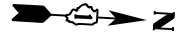
USER NAME = Anthony.Plutz	DESIGNED - EJD	REVISED -
PLOT SCALE = 40.000000' / in.	DRAWN - EJD	REVISED -
PLOT DATE = 3/13/2013	CHECKED - JWM	REVISED -
	DATE - 03/13/13	REVISED -

STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

EXISTING DRAINAGE PLAN - US 45 (LAGRANGE ROAD)

SCALE: 1"=20' SHEET 15 OF 17 SHEETS STA. 368+00.00 TO STA. 374+00.00

F.A.P. RTE. 330	SECTION 103R-5	COUNTY COOK	TOTAL SHEETS 778	SHEET NO. 170
DU-15		CONTRACT NO. 60M62		
ILLINOIS FED. AID PROJECT				



STORM SEWER REMOVAL - 12"
 STA. 376+13.2 TO 376+13.4 - 7' (TBF=4.9 CU YD)
 STA. 377+00.3 TO 377+01.5 - 71' (TBF=18.9 CU YD)
 STA. 375+60.7 TO 376+08.1 - 47' (TBF=7.5 CU YD)

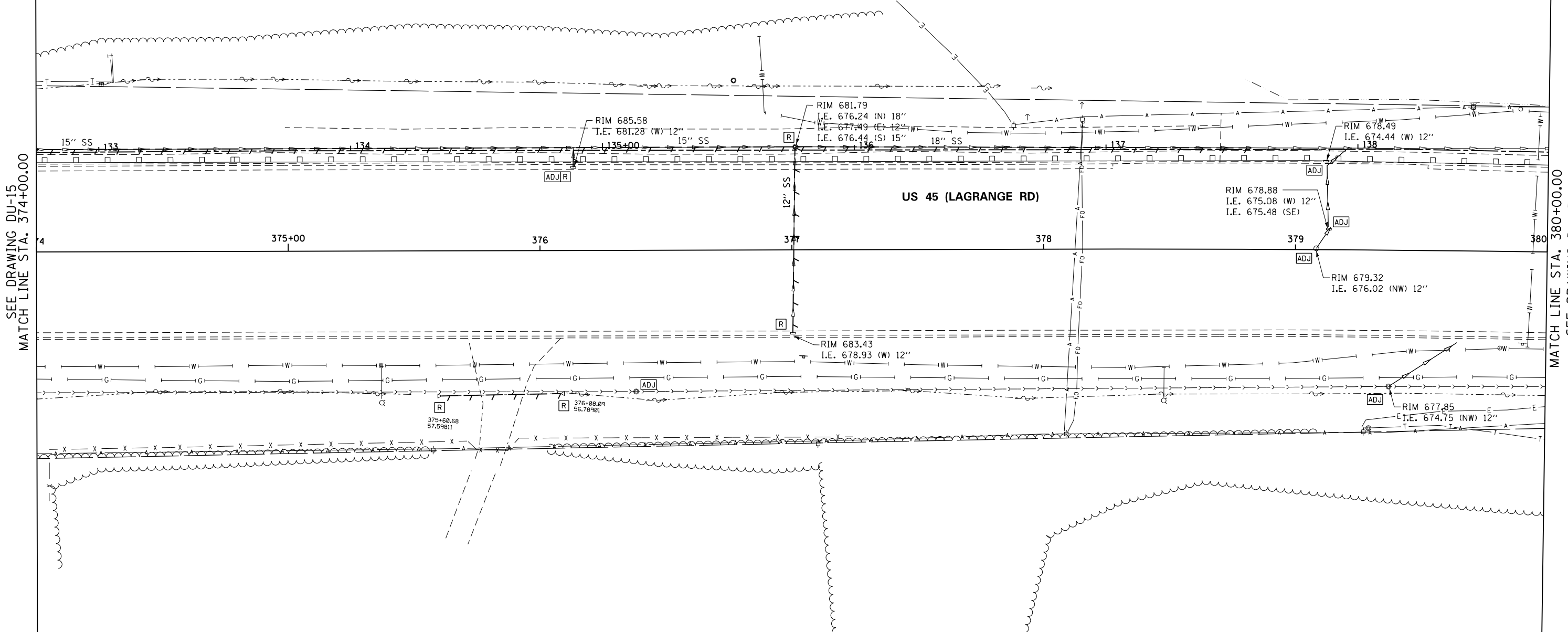
STORM SEWER REMOVAL - 15"
 STA. 374+00.0 TO 377+01.5 - 300'

STORM SEWER REMOVAL - 18"
 STA. 377+01.5 TO 378+82.3 - 180'

END SECTIONS TO BE REMOVED
 STA. 375+60.7, 57.6 RT
 STA. 376+08.1, 56.8 RT

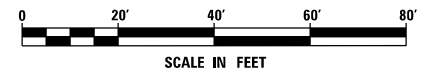
REMOVING INLETS
 376+13.2, 33.0 LT
 377+00.3, 33.1 RT

REMOVING MANHOLES
 377+01.5, 40.9 LT



SEE DRAWING DU-15
 MATCH LINE STA. 374+00.00

MATCH LINE STA. 380+00.00
 SEE DRAWING DU-17



NOTE:
 1. SEE DRAWING DN-01 FOR DRAINAGE LEGEND AND NOTES.
 2. SEE DRAWINGS DS-01 THROUGH DS-07 FOR STRUCTURE AND PIPE INFORMATION

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FILE NAME = D:\160M62-SHT-DRAINE\X16.dgn
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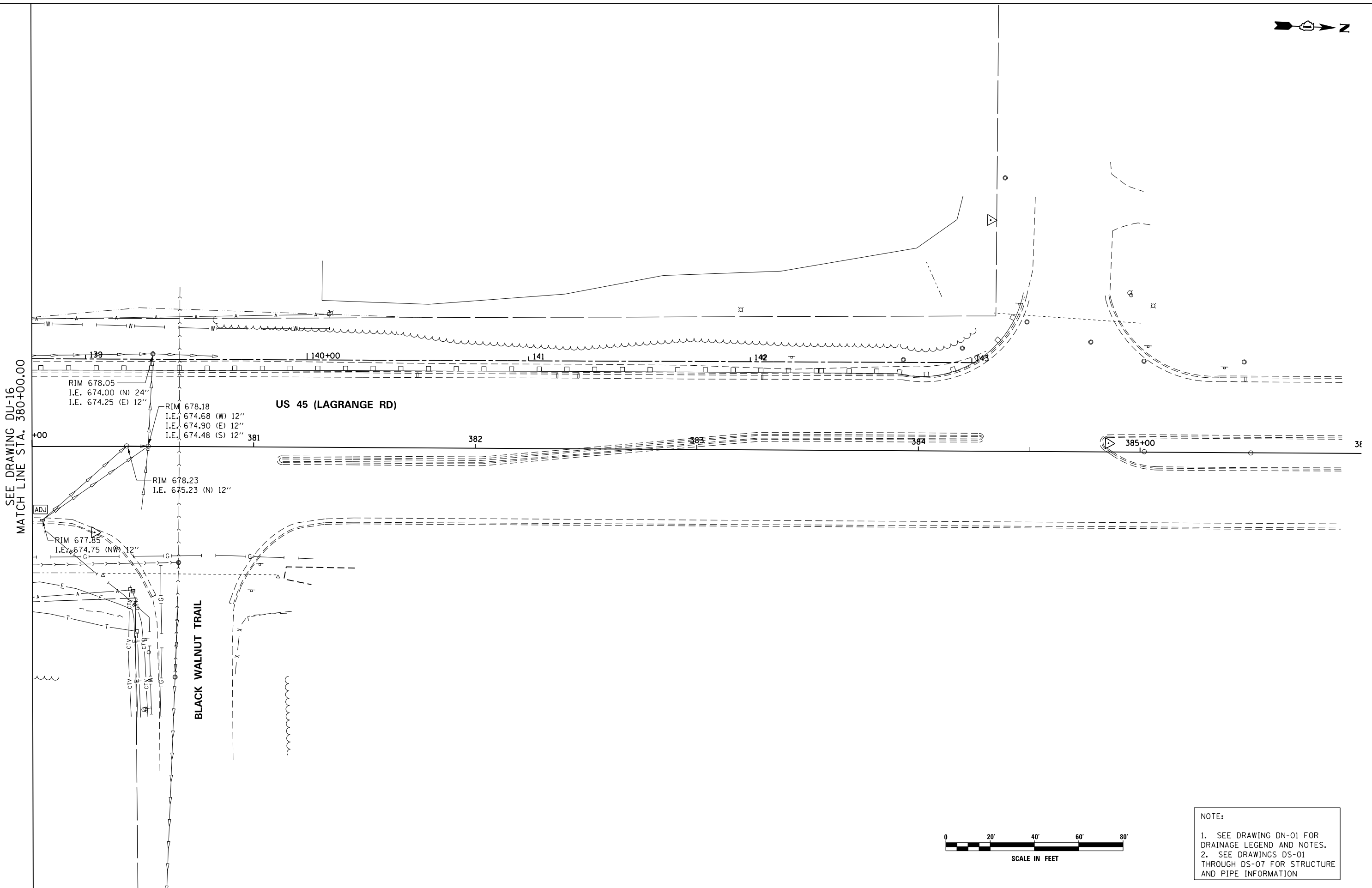
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PLOT SCALE = 40.000000' / in.	DRAWN - EJD	REVISED -
PLOT DATE = 3/13/2013	CHECKED - JWM	REVISED -
	DATE - 03/13/13	REVISED -

STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

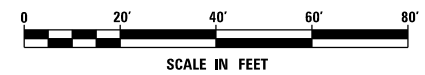
EXISTING DRAINAGE PLAN - US 45 (LAGRANGE ROAD)

SCALE: 1"=20' SHEET 16 OF 17 SHEETS STA. 374+00.00 TO STA. 380+00.00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
330	103R-5	COOK	778	171
DU-16		CONTRACT NO. 60M62		
ILLINOIS FED. AID PROJECT				



SEE DRAWING DU-16
MATCH LINE STA. 380+00.00



NOTE:
1. SEE DRAWING DN-01 FOR DRAINAGE LEGEND AND NOTES.
2. SEE DRAWINGS DS-01 THROUGH DS-07 FOR STRUCTURE AND PIPE INFORMATION

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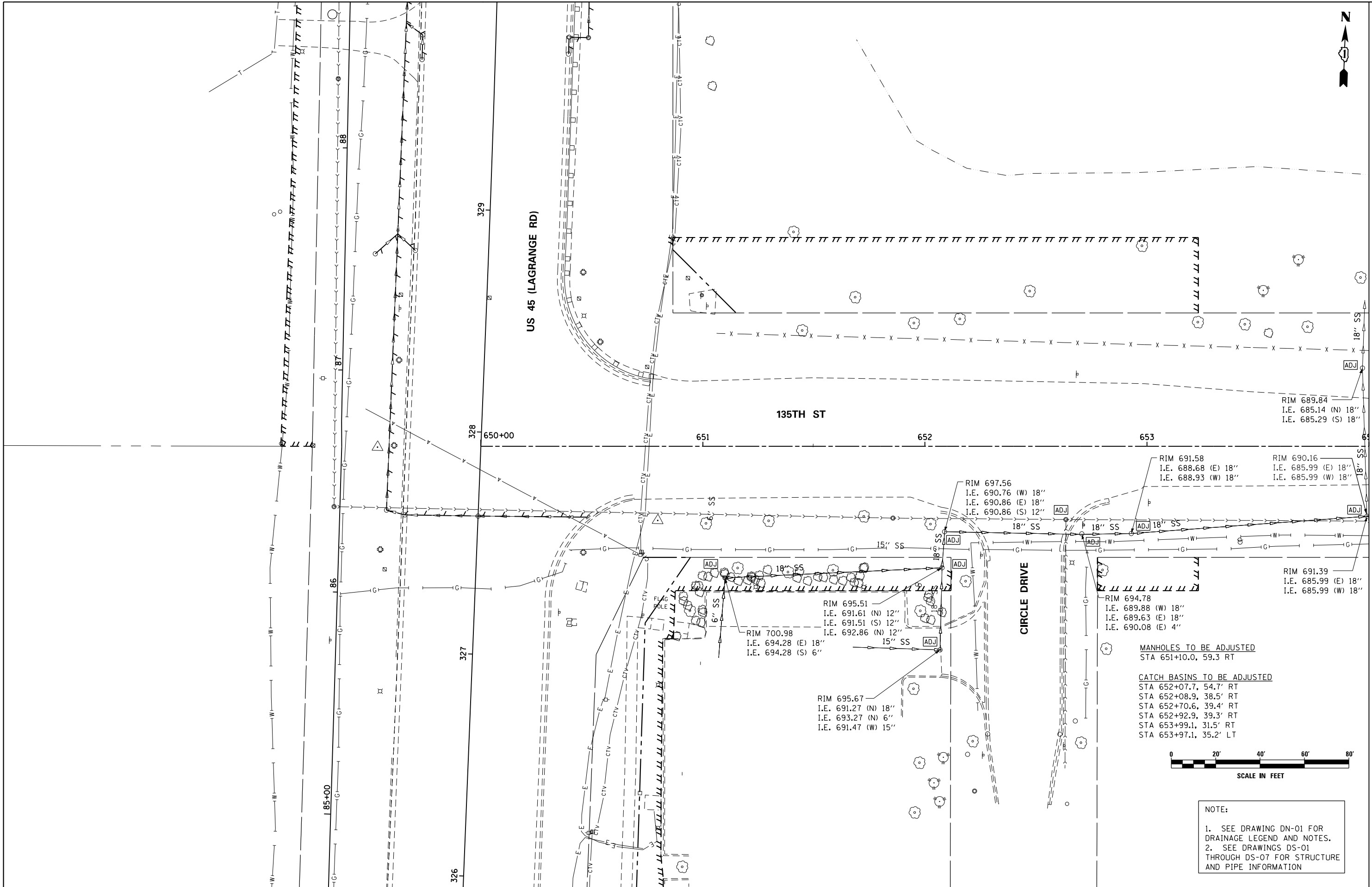
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SHT_PLAN	PLOT SCALE = 48.000000' / in.	DRAWN - EJD	REVISED -
	PLOT DATE = 3/13/2013	CHECKED - JWM	REVISED -
		DATE - 03/13/13	REVISED -

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EXISTING DRAINAGE PLAN - US 55 (LAGRANGE ROAD)

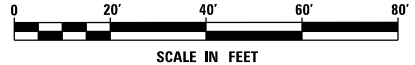
SCALE: 1"=20' SHEET 17 OF 17 SHEETS STA. 380+00.00 TO STA. END

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
330	103R-5	COOK	778	172
DU-17			CONTRACT NO. 60M62	
ILLINOIS FED. AID PROJECT				



MATCH LINE STA. 654+00.00
 SEE DRAWING DU-19

- MANHOLES TO BE ADJUSTED**
 STA 651+10.0, 59.3 RT
- CATCH BASINS TO BE ADJUSTED**
 STA 652+07.7, 54.7' RT
 STA 652+08.9, 38.5' RT
 STA 652+70.6, 39.4' RT
 STA 652+92.9, 39.3' RT
 STA 653+99.1, 31.5' RT
 STA 653+97.1, 35.2' LT



NOTE:
 1. SEE DRAWING DN-01 FOR DRAINAGE LEGEND AND NOTES.
 2. SEE DRAWINGS DS-01 THROUGH DS-07 FOR STRUCTURE AND PIPE INFORMATION

FILE NAME = D160M62-SHT-DRAINE18.dgn	USER NAME = Anthony.Plutz	DESIGNED - EJD	REVISED -
		DRAWN - EJD	REVISED -
		CHECKED - JWM	REVISED -
SHT_PLAN	PLOT DATE = 3/13/2013	DATE - 03/13/13	REVISED -

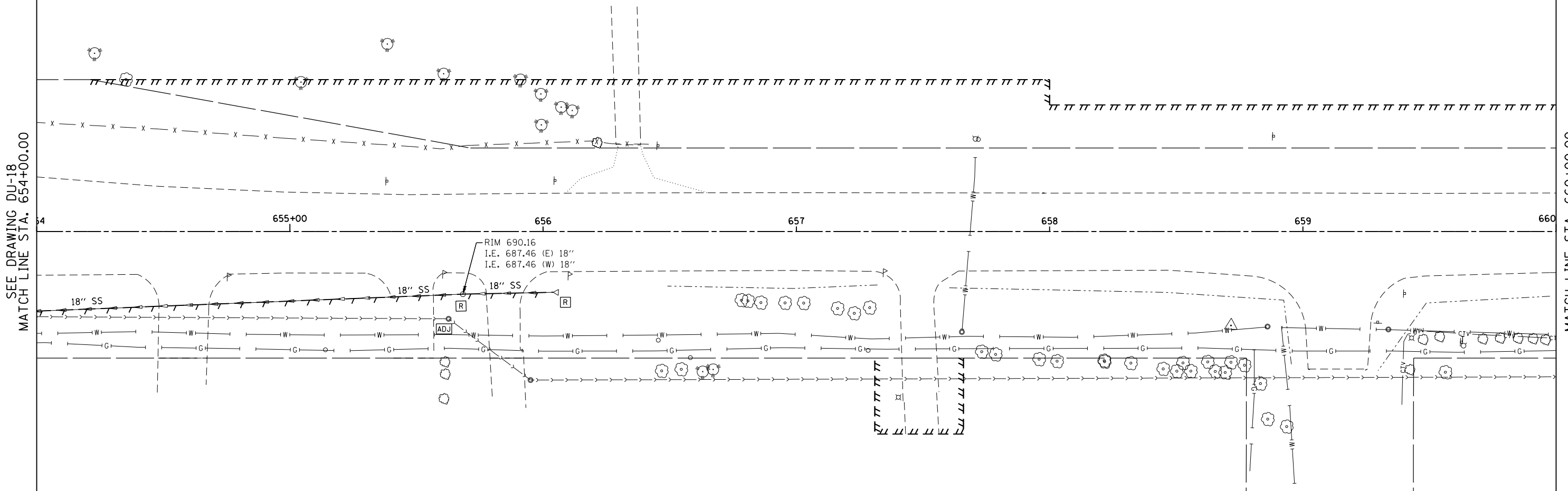
STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION			
EXISTING DRAINAGE PLAN - 135TH STREET			
SCALE: 1"=20'	SHEET 1 OF 3 SHEETS	STA. BEGIN TO STA. 654+00.00	

F.A.P. RTE. 330	SECTION 103R-5	COUNTY COOK	TOTAL SHEETS 778	SHEET NO. 173
DU-18		CONTRACT NO. 60M62		
ILLINOIS FED. AID PROJECT				

STORM SEWER REMOVAL - 18"
 STA. 654+01.0 TO 655+66.0 - 165' (TBF=0.0 CU YD)
 STA. 655+70.0 TO 656+04.0 - 34' (TBF=0.0 CU YD)

REMOVING CATCH BASINS
 655+68.0, 24.8' RT

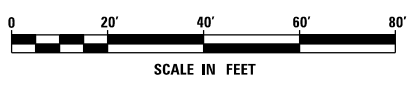
REMOVING FLARED END SECTION
 656+05.3, 24.0' RT



SEE DRAWING DU-18
 MATCH LINE STA. 654+00.00

MATCH LINE STA. 660+00.00
 SEE DRAWING DU-20

NOTE:
 1. SEE DRAWING DN-01 FOR DRAINAGE LEGEND AND NOTES.
 2. SEE DRAWINGS DS-01 THROUGH DS-07 FOR STRUCTURE AND PIPE INFORMATION



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FILE NAME = D160M62-SHT-DRAINE19.dgn	USER NAME = Anthony.Plutz	DESIGNED - EJD	REVISED -
SHT_PLAN	PLOT SCALE = 48.000000' / in.	DRAWN - EJD	REVISED -
	PLOT DATE = 3/13/2013	CHECKED - JWM	REVISED -
		DATE - 03/13/13	REVISED -

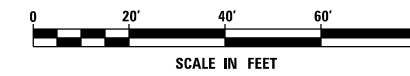
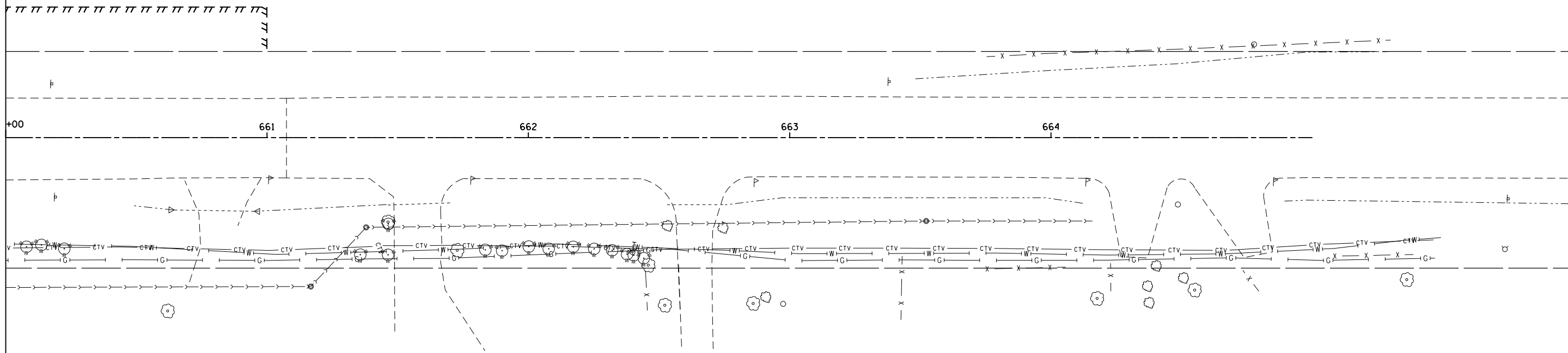
**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

EXISTING DRAINAGE PLAN - 135TH STREET

SCALE: 1"=20' SHEET 2 OF 3 SHEETS STA. 654+00.00 TO STA. 660+00.00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
330	103R-5	COOK	778	174
DU-19			CONTRACT NO. 60M62	
ILLINOIS FED. AID PROJECT				

SEE DRAWING DU-19
 MATCH LINE STA. 660+00.00



NOTE:
 1. SEE DRAWING DN-01 FOR DRAINAGE LEGEND AND NOTES.
 2. SEE DRAWINGS DS-01 THROUGH DS-07 FOR STRUCTURE AND PIPE INFORMATION

FILE NAME =	USER NAME = Anthony.Plutz
D160M62-SHT-DRAINE.X20.dgn	
SHT.PLAN	

DESIGNED - EJD	REVIS
DRAWN - EJD	REVIS
PLOT SCALE = 40.000000' / in.	REVIS
CHECKED - JWM	REVIS
PLOT DATE = 3/13/2013	REVIS
DATE - 03/13/13	REVIS

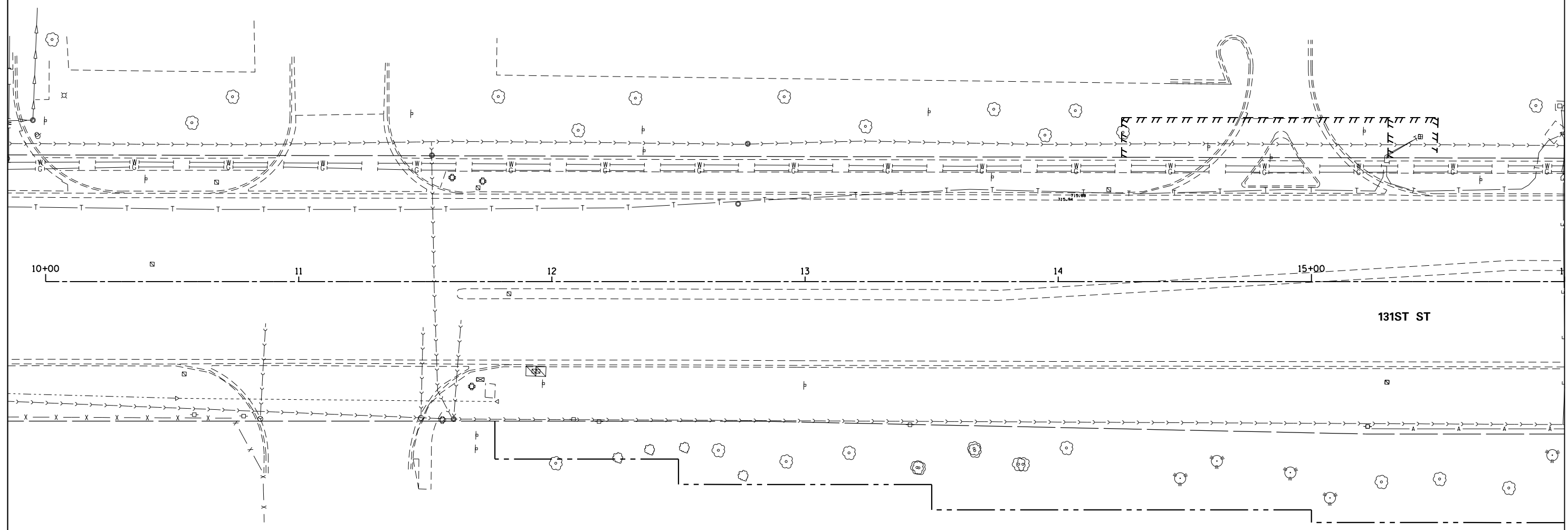
DESIGNED - EJD	REVIS
DRAWN - EJD	REVIS
CHECKED - JWM	REVIS
DATE - 03/13/13	REVIS

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

EXISTING DRAINAGE PLAN - 135TH STREET

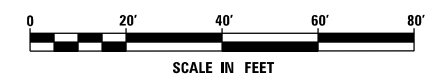
SCALE: 1"=20' SHEET 3 OF 3 SHEETS STA. 660+00.00 TO STA. END

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
330	103R-5	COOK	778	175
DU-20			CONTRACT NO. 60M62	
ILLINOIS FED. AID PROJECT				



MATCH LINE STA. 16+00.00
SEE DRAWING DU-22

131ST ST



NOTE:
1. SEE DRAWING DN-01 FOR DRAINAGE LEGEND AND NOTES.
2. SEE DRAWINGS DS-01 THROUGH DS-07 FOR STRUCTURE AND PIPE INFORMATION

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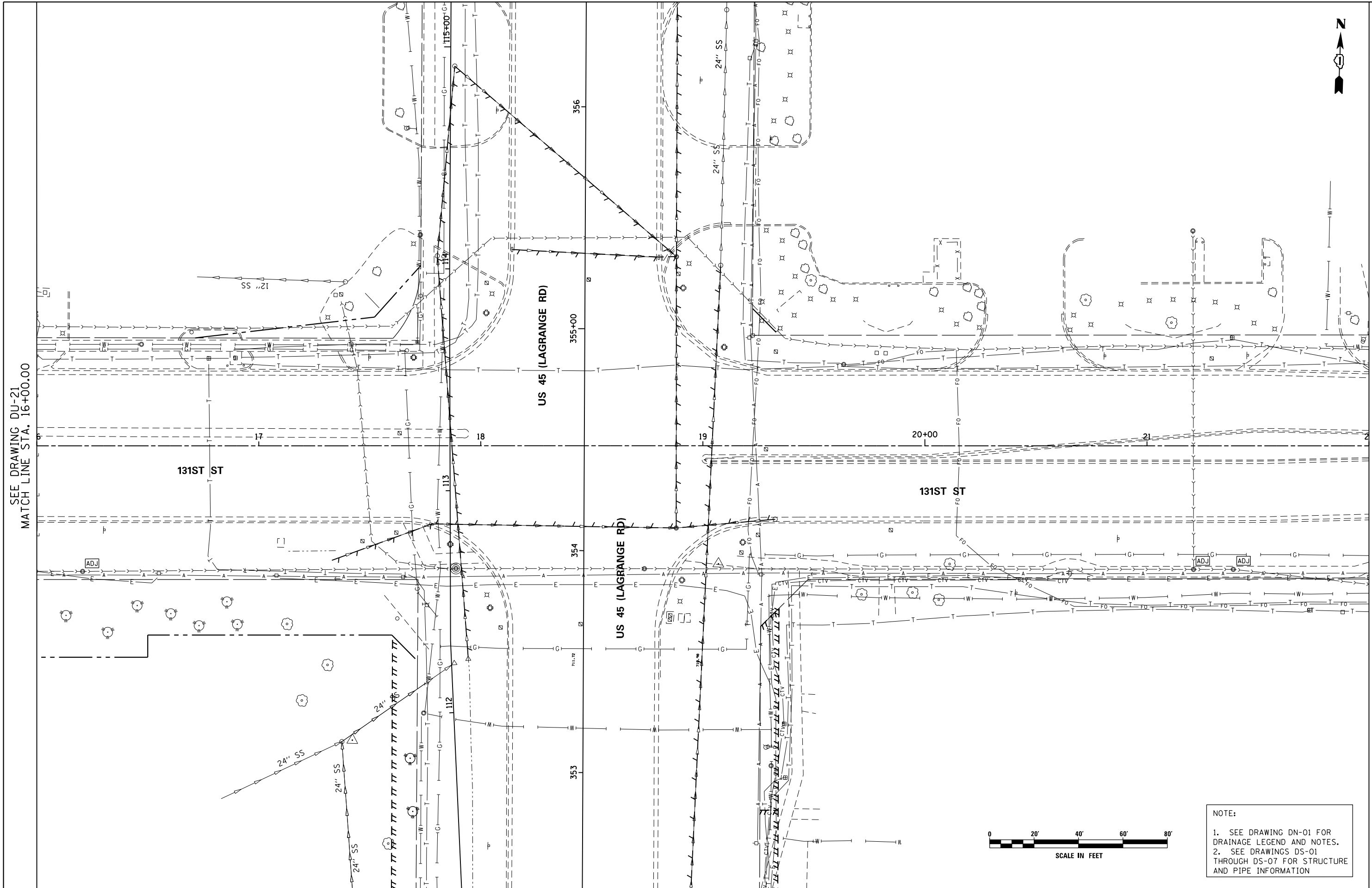
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	PLOT DATE = 3/13/2013	CHECKED - JWM	REVISED -
		DATE - 03/13/13	REVISED -

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DEPARTMENT OF TRANSPORTATION**

EXISTING DRAINAGE PLAN - 131ST STREET

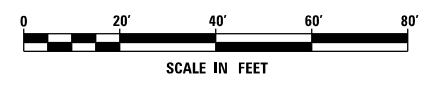
SCALE: 1"=20' SHEET 1 OF 3 SHEETS STA. BEGIN TO STA. 16+00.00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
330	103R-5	COOK	778	176
DU-21			CONTRACT NO. 60M62	
ILLINOIS FED. AID PROJECT				



SEE DRAWING DU-21
 MATCH LINE STA. 16+00.00

MATCH LINE STA. 22+00.00
 SEE DRAWING DU-23



NOTE:
 1. SEE DRAWING DN-01 FOR DRAINAGE LEGEND AND NOTES.
 2. SEE DRAWINGS DS-01 THROUGH DS-07 FOR STRUCTURE AND PIPE INFORMATION

FILE NAME = D160M62-SHT-DRAINE.X22.dgn	USER NAME = Anthony.Plutz	DESIGNED - EJD	REVISED -
		DRAWN - EJD	REVISED -
		CHECKED - JWM	REVISED -
SHT_PLAN	PLOT DATE = 3/13/2013	DATE - 03/13/13	REVISED -

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

EXISTING DRAINAGE PLAN - 131ST STREET

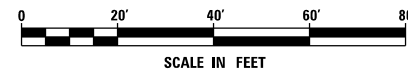
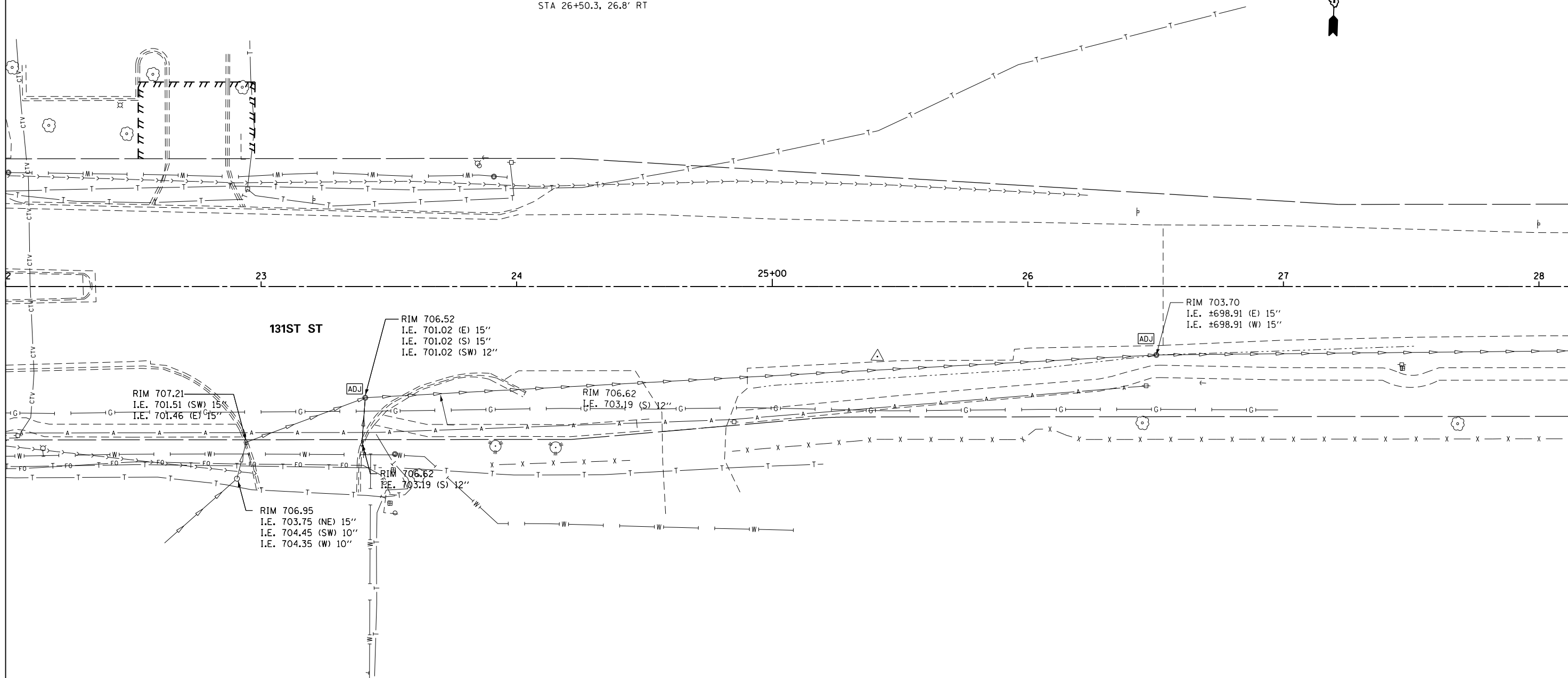
SCALE: 1"=20' SHEET 2 OF 3 SHEETS STA. 16+00.00 TO STA. 22+00.00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
330	103R-5	COOK	778	177
DU-22			CONTRACT NO. 60M62	
ILLINOIS FED. AID PROJECT				

MANHOLES TO BE ADJUSTED
 STA 23+40.8, 43.5' RT
 STA 26+50.3, 26.8' RT



SEE DRAWING DU-22
 MATCH LINE STA. 22+00.00



NOTE:
 1. SEE DRAWING DN-01 FOR DRAINAGE LEGEND AND NOTES.
 2. SEE DRAWINGS DS-01 THROUGH DS-07 FOR STRUCTURE AND PIPE INFORMATION

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FILE NAME = D160M62-SHT-DRAINE.X23.dgn	USER NAME = Anthony.Plutz	DESIGNED - EJD	REVISED -
SHT_PLAN	PLOT SCALE = 48.000000' / in.	DRAWN - EJD	REVISED -
	PLOT DATE = 3/13/2013	CHECKED - JWM	REVISED -
		DATE - 03/13/13	REVISED -

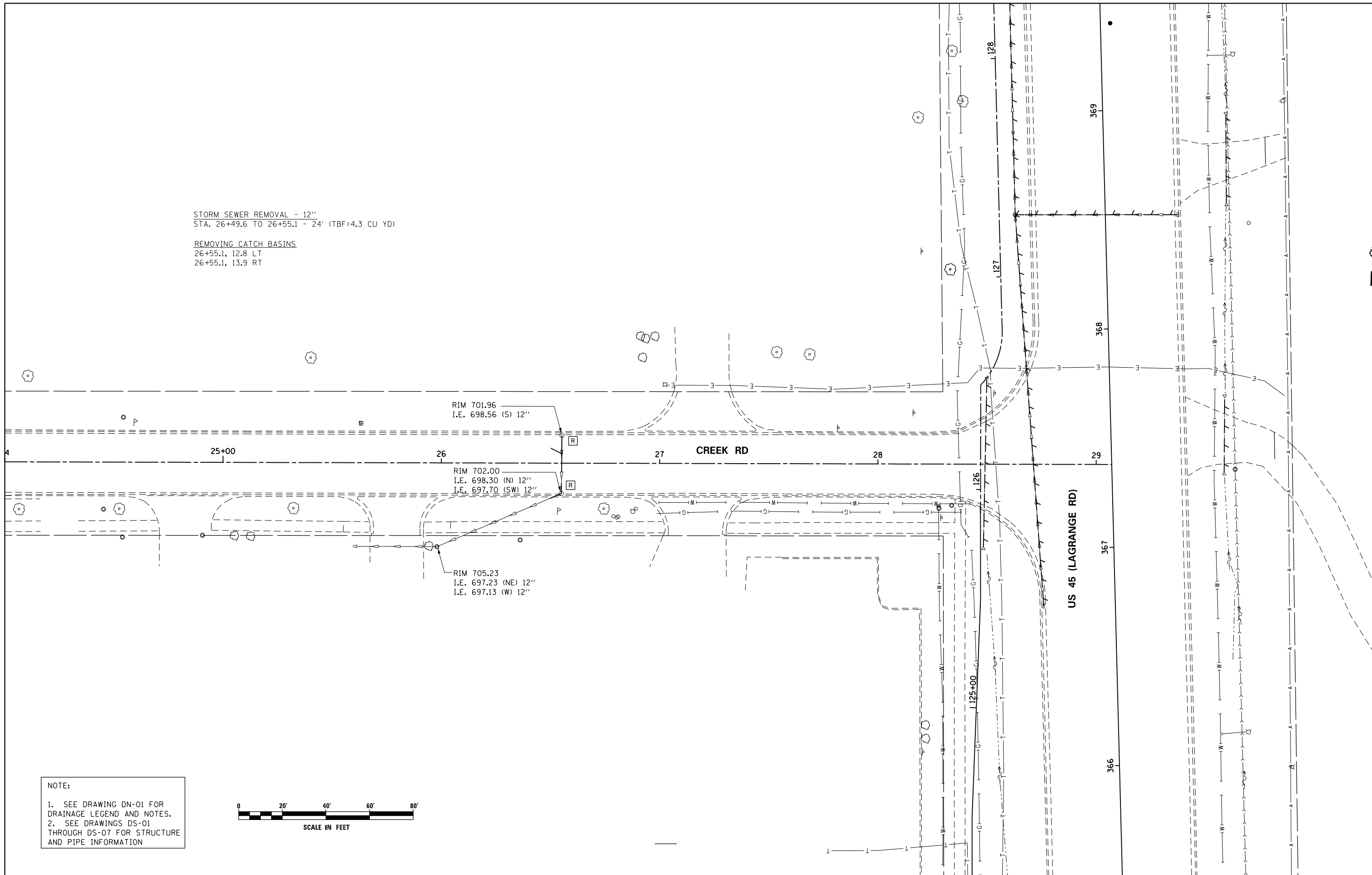
STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

EXISTING DRAINAGE PLAN - 131ST STREET
 SCALE: 1"=20' SHEET 3 OF 3 SHEETS STA. 22+00.00 TO STA. END

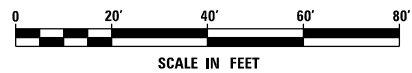
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
330	103R-5	COOK	778	178
DU-23			CONTRACT NO. 60M62	
ILLINOIS FED. AID PROJECT				

STORM SEWER REMOVAL - 12"
 STA. 26+49.6 TO 26+55.1 - 24' (TBF=4.3 CU YD)

REMOVING CATCH BASINS
 26+55.1, 12.8 LT
 26+55.1, 13.9 RT



NOTE:
 1. SEE DRAWING DN-01 FOR DRAINAGE LEGEND AND NOTES.
 2. SEE DRAWINGS DS-01 THROUGH DS-07 FOR STRUCTURE AND PIPE INFORMATION



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FILE NAME = D160M62-SHT-DRAINEX24.dgn
 SHT.PLAN

USER NAME = Anthony.Plutz
 PLOT SCALE = 48.000000' / in.
 PLOT DATE = 3/13/2013

DESIGNED - EJD
 DRAWN - EJD
 CHECKED - JWM
 DATE - 03/13/13

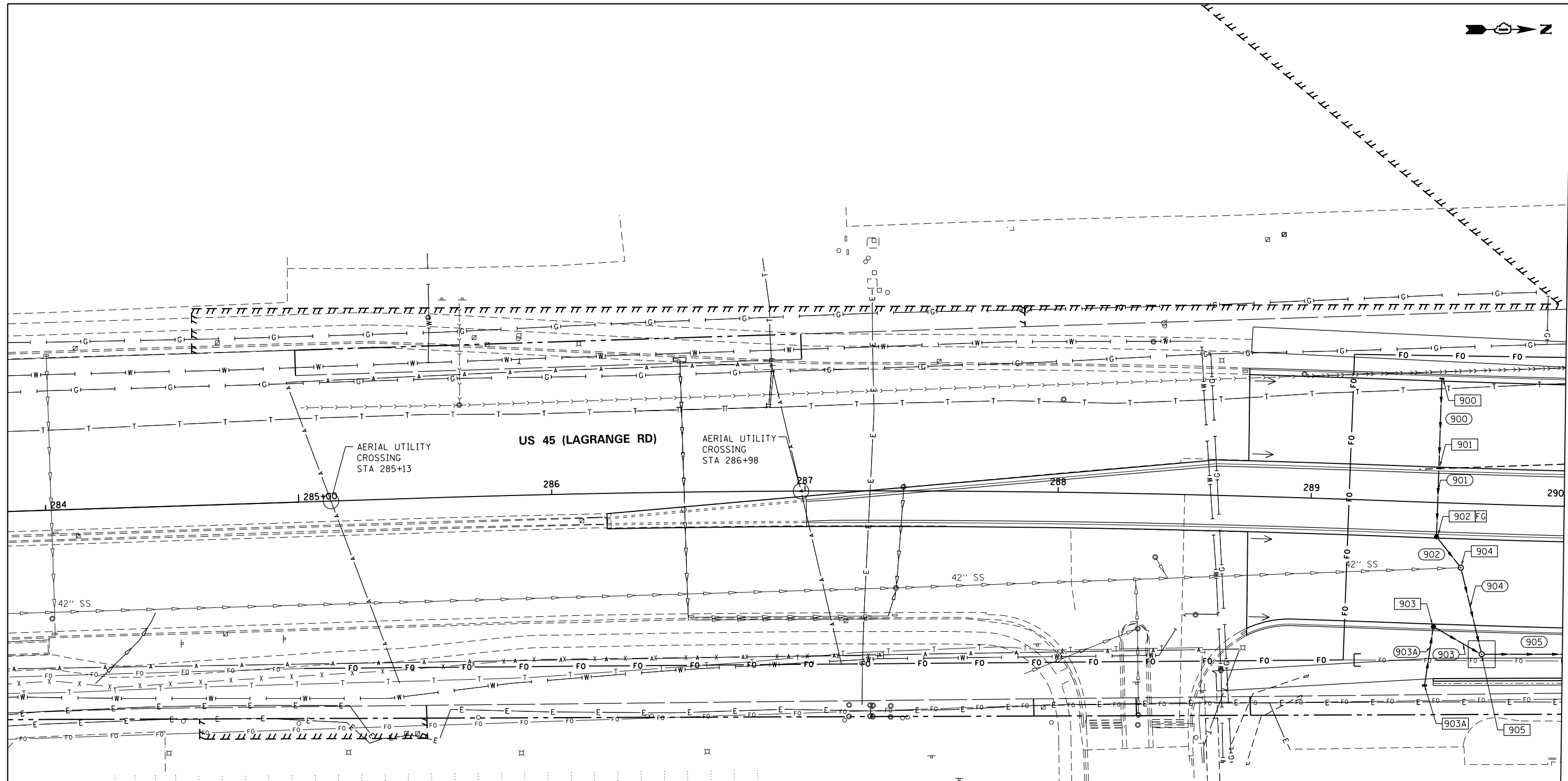
REVISED -
 REVISED -
 REVISED -
 REVISED -

STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

EXISTING DRAINAGE PLAN - CREEK RD

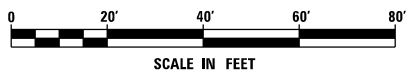
SCALE: 1"=20' SHEET 1 OF 1 SHEETS STA. 25+10.00 TO STA. 29+07.12

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
330	103R-5	COOK	778	179
DU-24			CONTRACT NO. 60M62	
ILLINOIS FED. AID PROJECT				



MATCH LINE STA. 290+00.00
SEE DRAWING DU-26

NOTE:
1. SEE DRAWING DN-01 FOR DRAINAGE LEGEND AND NOTES.
2. SEE DRAWINGS DS-01 THROUGH DS-07 FOR STRUCTURE AND PIPE INFORMATION



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FILE NAME = D160M62-SHT-DRAINPR01.dgn
SHT_PLAN

USER NAME = Anthony.Plutz
PLOT SCALE = 48.000000' / in.
PLOT DATE = 3/13/2013

DESIGNED - EJD
DRAWN - EJD
CHECKED - JWM
DATE - 03/13/13

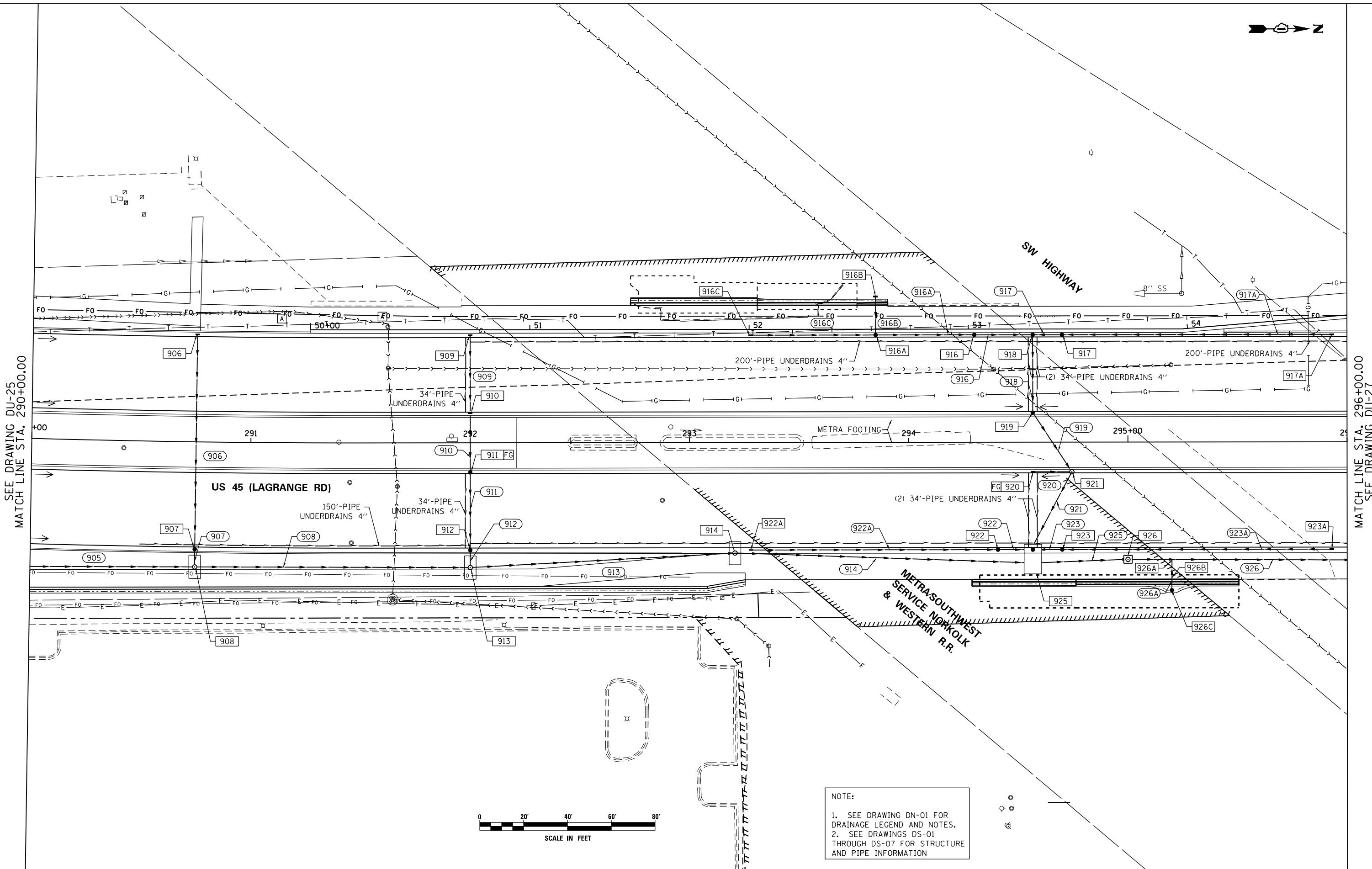
REVISED -
REVISED -
REVISED -
REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

PROPOSED DRAINAGE PLAN - US 45 (LAGRANGE ROAD)

SCALE: 1"=20' SHEET 1 OF 17 SHEETS STA. BEGIN TO STA. 290+00.00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
330	103R-5	COOK	778	180
DU-25		CONTRACT NO. 60M62		
ILLINOIS FED. AID PROJECT				



NOTE:
 1. SEE DRAWING DN-01 FOR DRAINAGE LEGEND AND NOTES.
 2. SEE DRAWINGS DS-01 THROUGH DS-07 FOR STRUCTURE AND PIPE INFORMATION

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FILE NAME = D160M62-SHT-DRAINPR02.dgn
 SHT_PLAN

USER NAME = Anthony.Plutz
 PLOT SCALE = 48.000000' / in.
 PLOT DATE = 3/13/2013

DESIGNED - EJD
 DRAWN - EJD
 CHECKED - JWM
 DATE - 03/13/13

REVISED -
 REVISED -
 REVISED -
 REVISED -

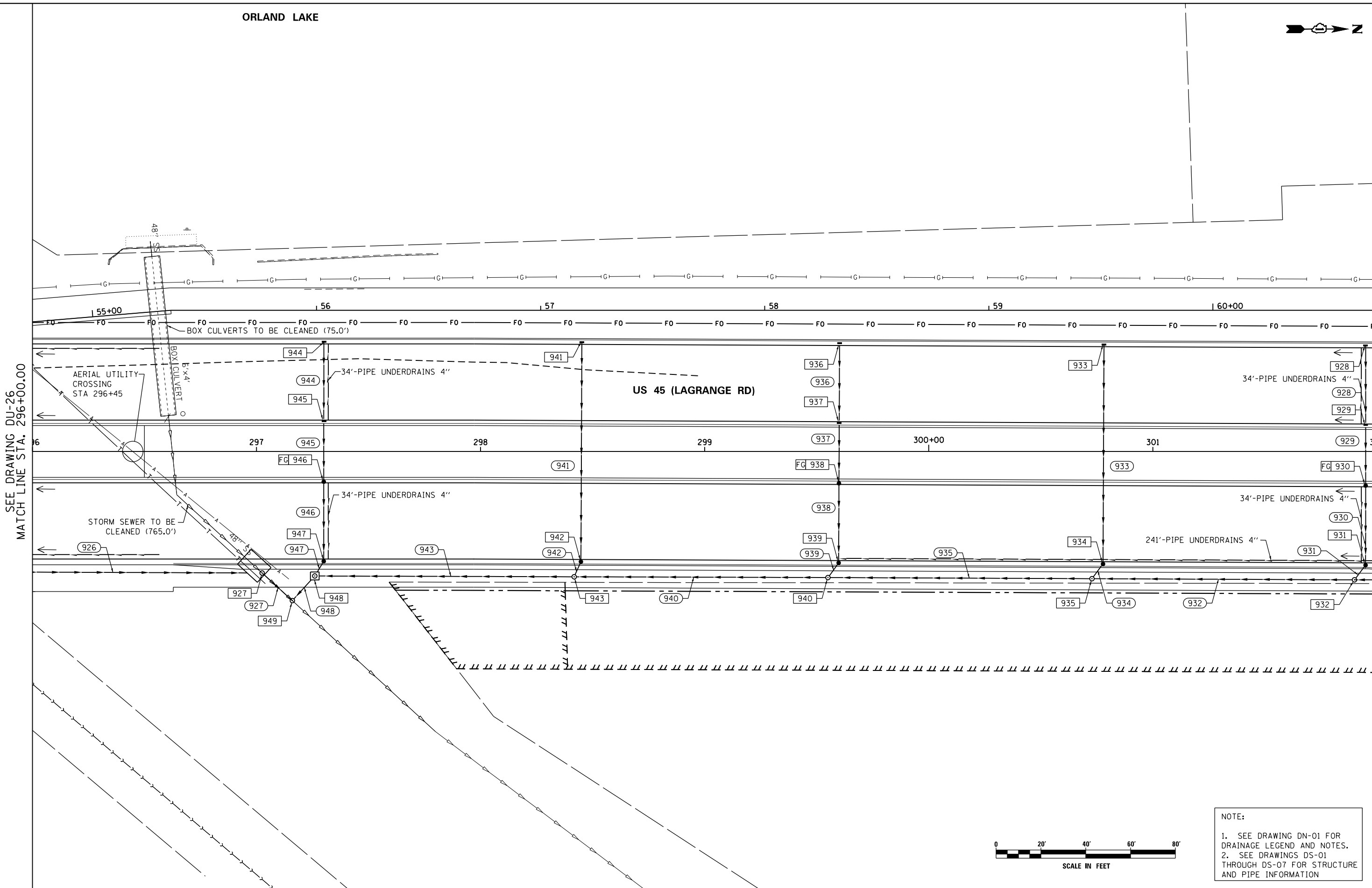
STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

PROPOSED DRAINAGE PLAN - US 45 (LAGRANGE ROAD)
 SCALE: 1"=20' SHEET 2 OF 17 SHEETS STA. 290+00.00 TO STA. 296+00.00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
330	103R-5	COOK	778	181
DU-26			CONTRACT NO. 60M62	
ILLINOIS FED. AID PROJECT				

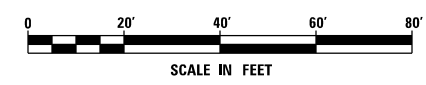
SEE DRAWING DU-25
 MATCH LINE STA. 290+00.00

MATCH LINE STA. 296+00.00
 SEE DRAWING DU-27



SEE DRAWING DU-26
MATCH LINE STA. 296+00.00

MATCH LINE STA. 302+00.00
SEE DRAWING DU-28



NOTE:
1. SEE DRAWING DN-01 FOR DRAINAGE LEGEND AND NOTES.
2. SEE DRAWINGS DS-01 THROUGH DS-07 FOR STRUCTURE AND PIPE INFORMATION



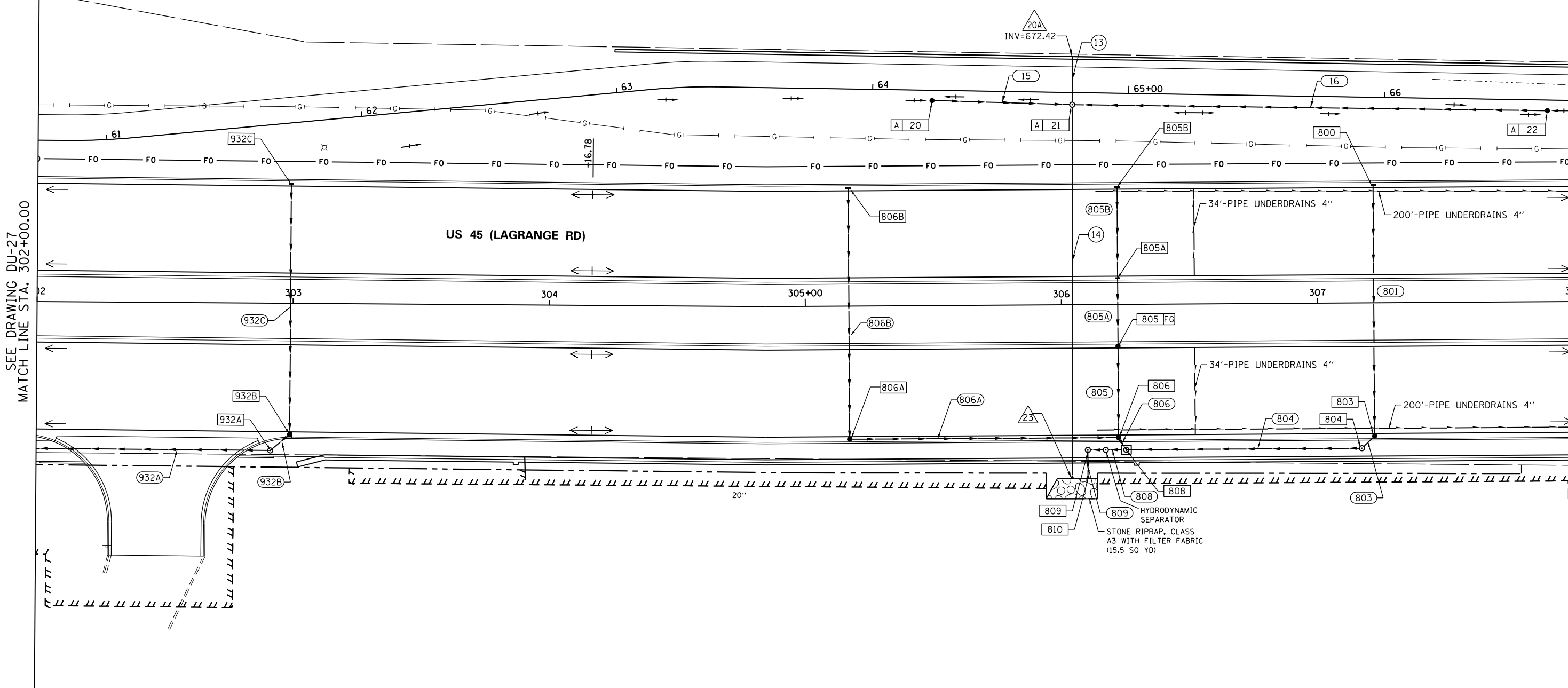
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	PLOT DATE = 3/13/2013	CHECKED - JWM	REVISED -
		DATE - 03/13/13	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

PROPOSED DRAINAGE PLAN - US 45 (LAGRANGE ROAD)

SCALE: 1"=20' SHEET 3 OF 17 SHEETS STA. 296+00.00 TO STA. 302+00.00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
330	103R-5	COOK	778	182
DU-27			CONTRACT NO. 60M62	
ILLINOIS FED. AID PROJECT				



SEE DRAWING DU-27
MATCH LINE STA. 302+00.00

MATCH LINE STA. 308+00.00
SEE DRAWING DU-29

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FILE NAME =
D:\160M62-SHT-DRAINPR04.dgn
SHT_PLAN

USER NAME = Anthony.Plutz
PLOT SCALE = 48.000000' / in.
PLOT DATE = 3/13/2013

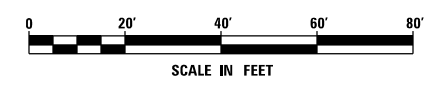
DESIGNED - EJD
DRAWN - EJD
CHECKED - JWM
DATE - 03/13/13

REVISED -
REVISED -
REVISED -
REVISED -

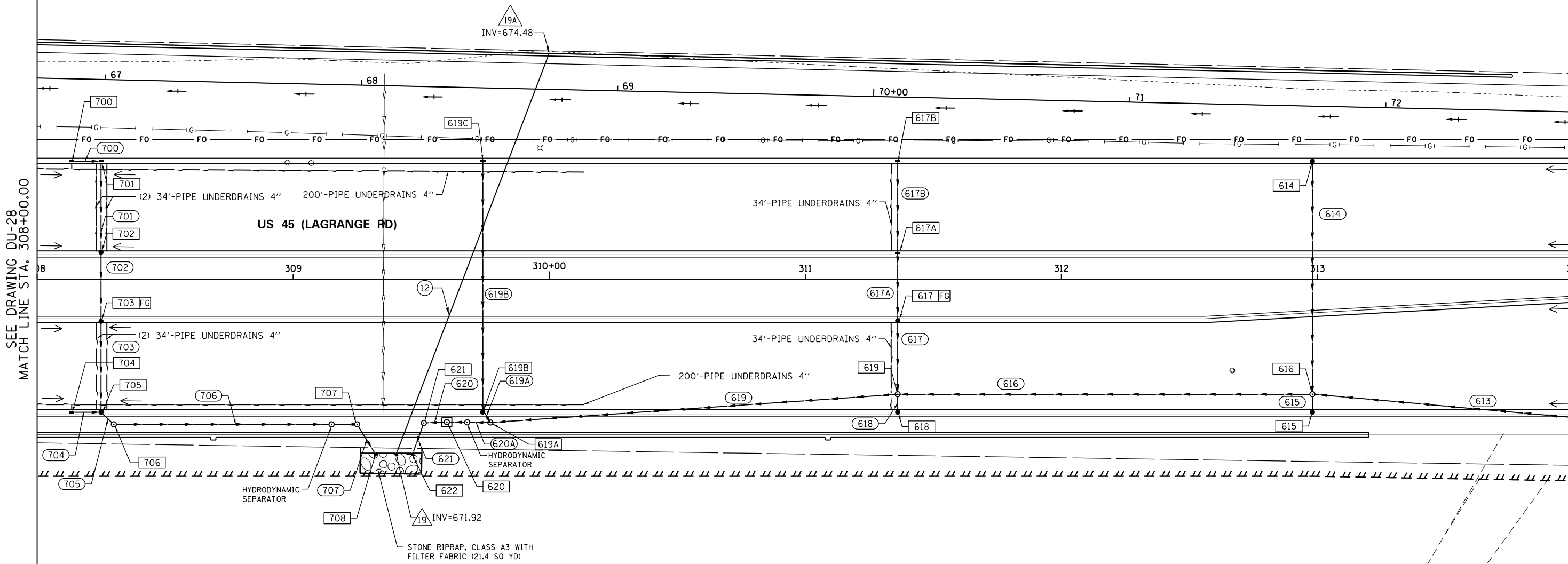
**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

PROPOSED DRAINAGE PLAN - US 45 (LAGRANGE ROAD)
SCALE: 1"=20' SHEET 4 OF 17 SHEETS STA. 302+00.00 TO STA. 308+00.00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
330	103R-5	COOK	778	183
DU-28			CONTRACT NO. 60M62	
ILLINOIS FED. AID PROJECT				

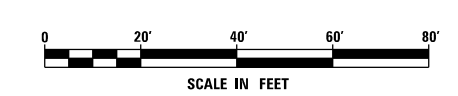


NOTE:
1. SEE DRAWING DN-01 FOR DRAINAGE LEGEND AND NOTES.
2. SEE DRAWINGS DS-01 THROUGH DS-07 FOR STRUCTURE AND PIPE INFORMATION



SEE DRAWING DU-28
MATCH LINE STA. 308+00.00

MATCH LINE STA. 314+00.00
SEE DRAWING DU-30



NOTE:
1. SEE DRAWING DN-01 FOR DRAINAGE LEGEND AND NOTES.
2. SEE DRAWINGS DS-01 THROUGH DS-07 FOR STRUCTURE AND PIPE INFORMATION

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FILE NAME = D160M62-SHT-DRAINPR05.dgn	USER NAME = Anthony.Plutz	DESIGNED - EJD	REVISED -
SHT.PLAN	PLOT SCALE = 48.000000' / in.	DRAWN - EJD	REVISED -
	PLOT DATE = 3/13/2013	CHECKED - JWM	REVISED -
		DATE - 03/13/13	REVISED -

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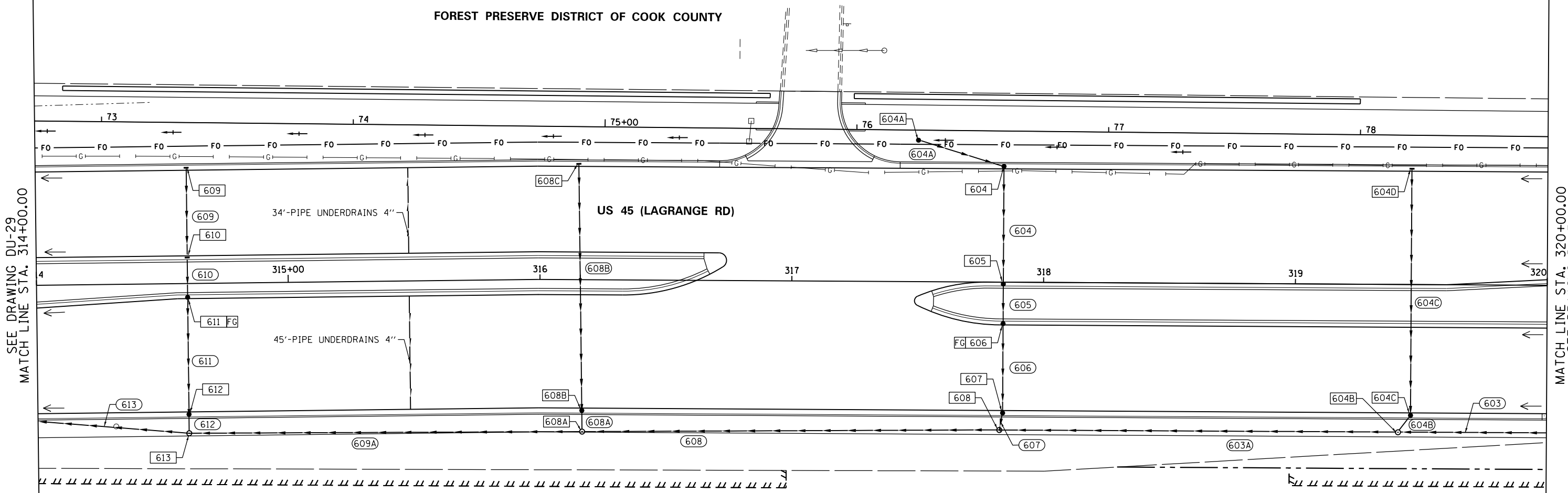
PROPOSED DRAINAGE PLAN - US 45 (LAGRANGE ROAD)

SCALE: 1"=20' SHEET 5 OF 17 SHEETS STA. 308+00.00 TO STA. 314+00.00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
330	103R-5	COOK	778	184
DU-29			CONTRACT NO. 60M62	
ILLINOIS FED. AID PROJECT				

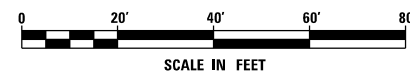


FOREST PRESERVE DISTRICT OF COOK COUNTY



SEE DRAWING DU-29
MATCH LINE STA. 314+00.00

MATCH LINE STA. 320+00.00
SEE DRAWING DU-31



NOTE:
1. SEE DRAWING DN-01 FOR DRAINAGE LEGEND AND NOTES.
2. SEE DRAWINGS DS-01 THROUGH DS-07 FOR STRUCTURE AND PIPE INFORMATION

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FILE NAME = D160M62-SHT-DRAINPR06.dgn	USER NAME = Anthony.Plutz	DESIGNED - EJD	REVISED -
SHT_PLAN	PLOT SCALE = 48.000000' / in.	DRAWN - EJD	REVISED -
	PLOT DATE = 3/13/2013	CHECKED - JWM	REVISED -
		DATE - 03/13/13	REVISED -

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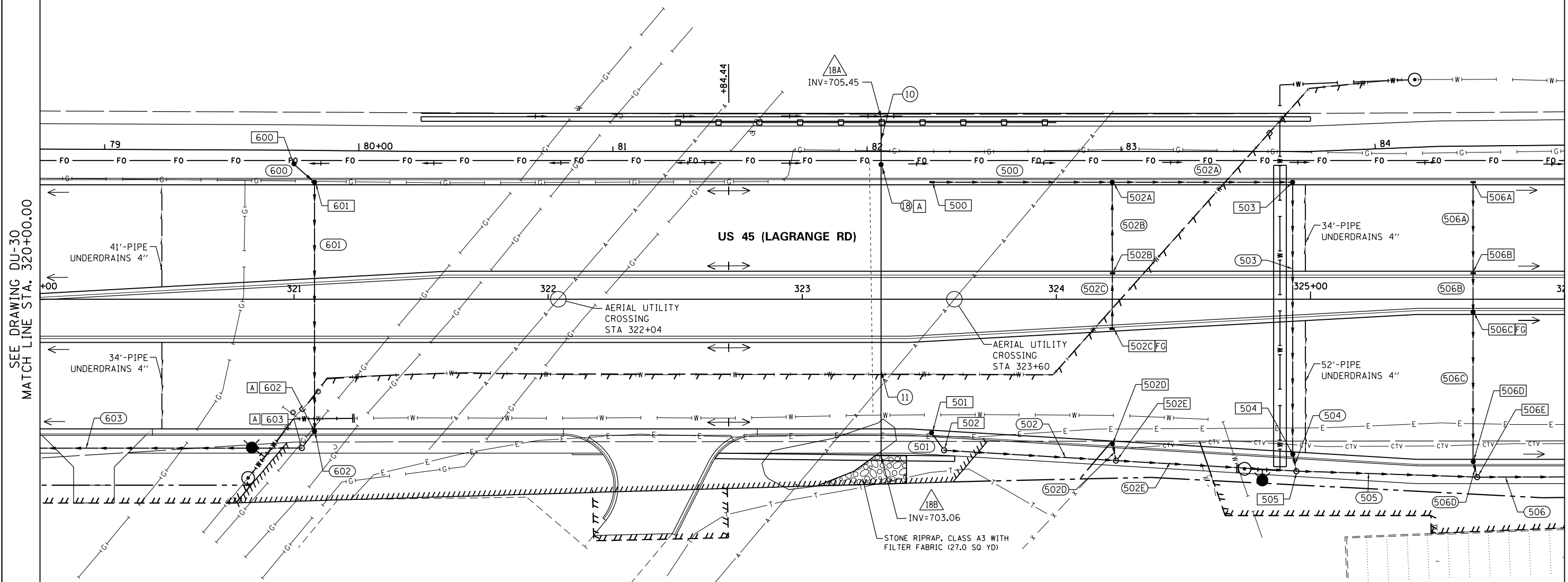
PROPOSED DRAINAGE PLAN - US 45 (LAGRANGE ROAD)

SCALE: 1"=20' SHEET 6 OF 17 SHEETS STA. 314+00.00 TO STA. 320+00.00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
330	103R-5	COOK	778	185
DU-30			CONTRACT NO. 60M62	
ILLINOIS FED. AID PROJECT				

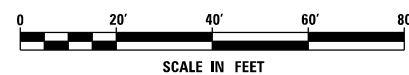


MANHOLES TO BE ADJUSTED
 STA 330+99.8, 44.6' RT
 STA 321+09.5, 36.3' RT



SEE DRAWING DU-30
 MATCH LINE STA. 320+00.00

MATCH LINE STA. 326+00.00
 SEE DRAWING DU-32



NOTE:
 1. SEE DRAWING DN-01 FOR DRAINAGE LEGEND AND NOTES.
 2. SEE DRAWINGS DS-01 THROUGH DS-07 FOR STRUCTURE AND PIPE INFORMATION

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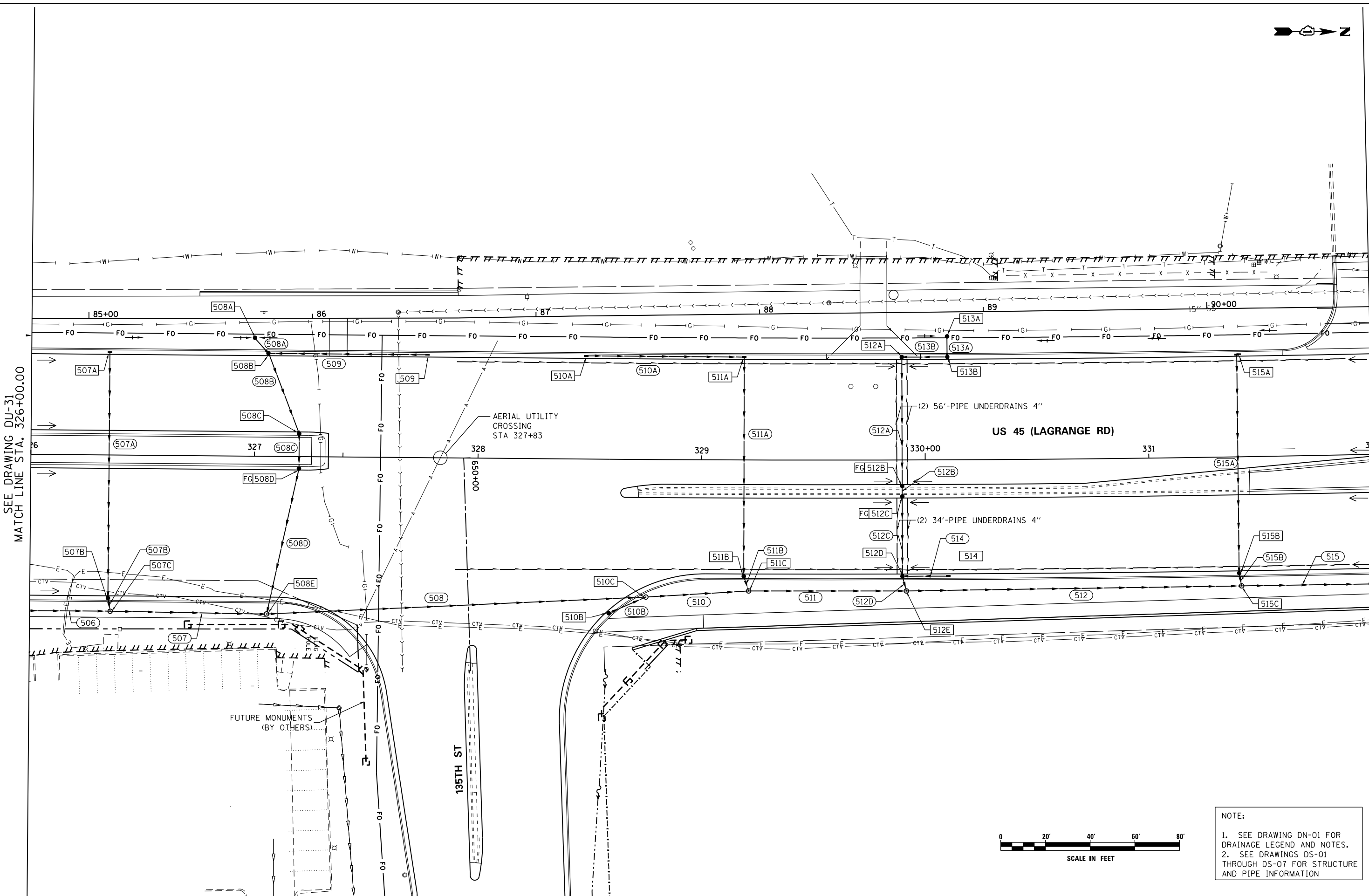
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SHT.PLAN	PLOT SCALE = 48.000000' / in.	DRAWN - EJD	REVISED -
	PLOT DATE = 3/13/2013	CHECKED - JWM	REVISED -
		DATE - 03/13/13	REVISED -

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PROPOSED DRAINAGE PLAN - US 45 (LAGRANGE ROAD)

SCALE: 1"=20' SHEET 7 OF 17 SHEETS STA. 320+00.00 TO STA. 326+00.00

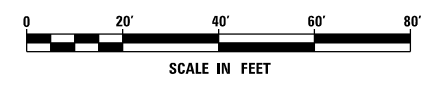
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
330	103R-5	COOK	778	186
DU-31			CONTRACT NO. 60M62	
ILLINOIS FED. AID PROJECT				



SEE DRAWING DU-31
MATCH LINE STA. 326+00.00

MATCH LINE STA. 332+00.00
SEE DRAWING DU-33

URS
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CHICAGO, IL 60606
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FAX (312) 935-4998



NOTE:
1. SEE DRAWING DN-01 FOR DRAINAGE LEGEND AND NOTES.
2. SEE DRAWINGS DS-01 THROUGH DS-07 FOR STRUCTURE AND PIPE INFORMATION

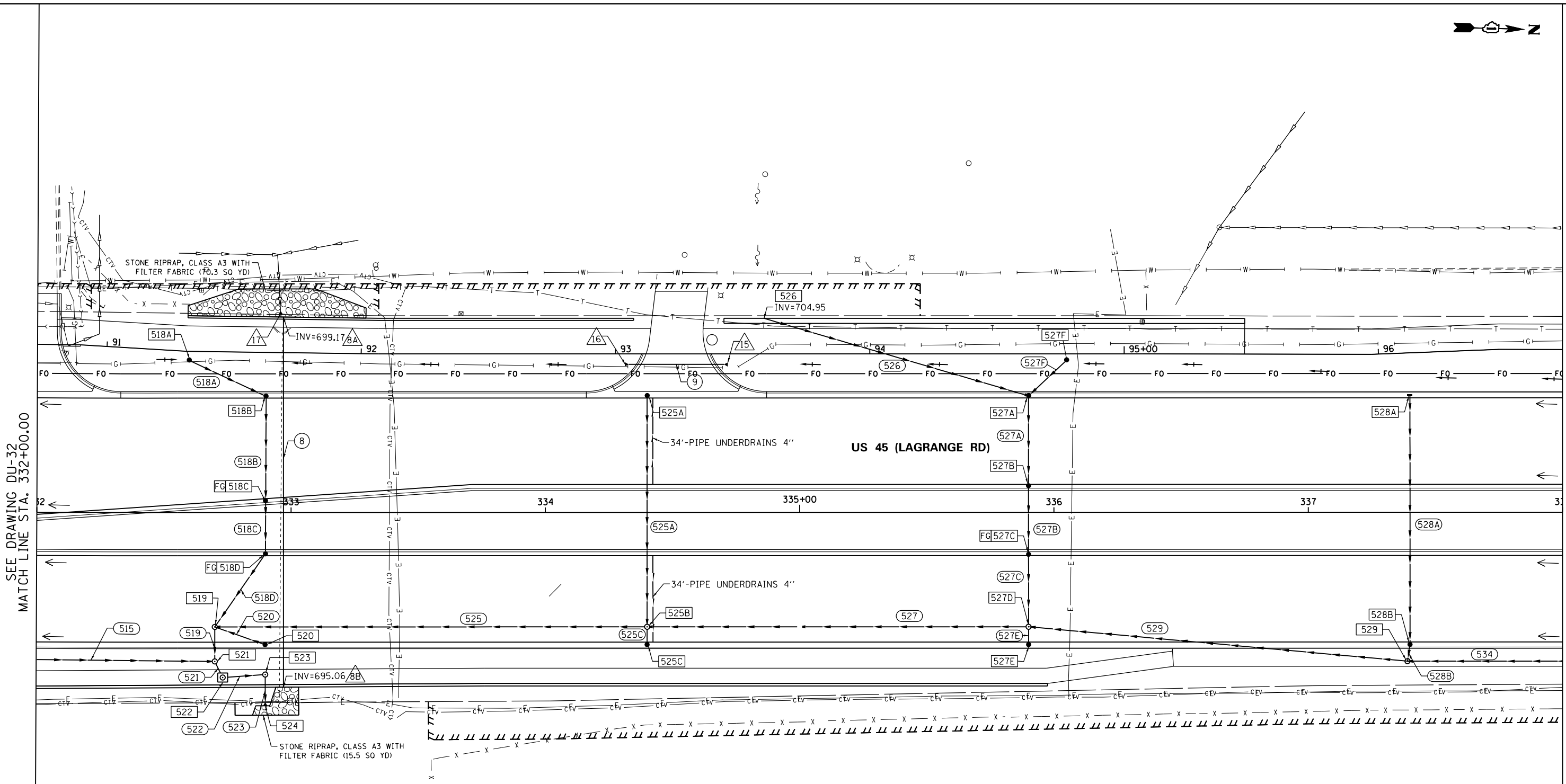
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		DRAWN - EJD	REVISED -
		CHECKED - JWM	REVISED -
SHT.PLAN	PLOT DATE = 3/13/2013	DATE - 03/13/13	REVISED -

STATE OF ILLINOIS
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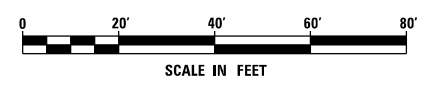
PROPOSED DRAINAGE PLAN - US 45 (LAGRANGE ROAD)

SCALE: 1"=20' SHEET 8 OF 17 SHEETS STA. 326+00.00 TO STA. 332+00.00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
330	103R-5	COOK	778	187
DU-32			CONTRACT NO. 60M62	
ILLINOIS FED. AID PROJECT				



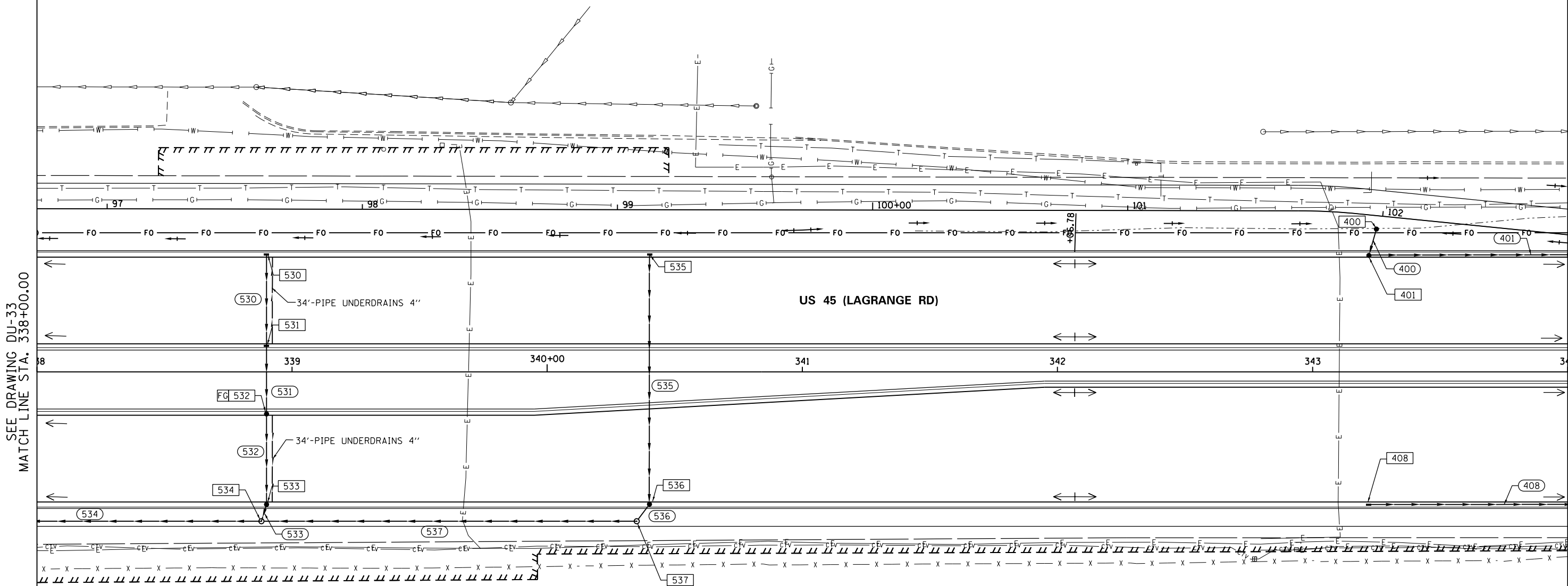
MATCH LINE STA. 338+00.00
SEE DRAWING DU-34



NOTE:
 1. SEE DRAWING DN-01 FOR DRAINAGE LEGEND AND NOTES.
 2. SEE DRAWINGS DS-01 THROUGH DS-07 FOR STRUCTURE AND PIPE INFORMATION

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FILE NAME = D160M62-SHT-DRAINPR09.dgn	USER NAME = Anthony.Plutz	DESIGNED - EJD	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	PROPOSED DRAINAGE PLAN - US 45 (LAGRANGE ROAD)			F.A.P. RTE. 330	SECTION 103R-5	COUNTY COOK	TOTAL SHEETS 778	SHEET NO. 188
	PLOT SCALE = 48.000000' / in.	CHECKED - JWM	REVISED -					DU-33		CONTRACT NO. 60M62		
SHT.PLAN	PLOT DATE = 3/13/2013	DATE - 03/13/13	REVISED -	SCALE: 1"=20' SHEET 9 OF 17 SHEETS STA. 332+00.00 TO STA. 338+00.00			ILLINOIS FED. AID PROJECT					



SEE DRAWING DU-33
MATCH LINE STA. 338+00.00

MATCH LINE STA. 344+00.00
SEE DRAWING DU-35

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FAX (312) 939-4198

FILE NAME =
D160M62-SHT-DRAINPR10.dgn
SHT_PLAN

USER NAME = Anthony.Plutz
PLOT SCALE = 40.000000' / in.
PLOT DATE = 3/13/2013

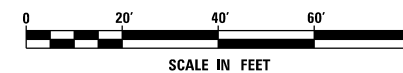
DESIGNED - EJD
DRAWN - EJD
CHECKED - JWM
DATE - 03/13/13

REVISED -
REVISED -
REVISED -
REVISED -

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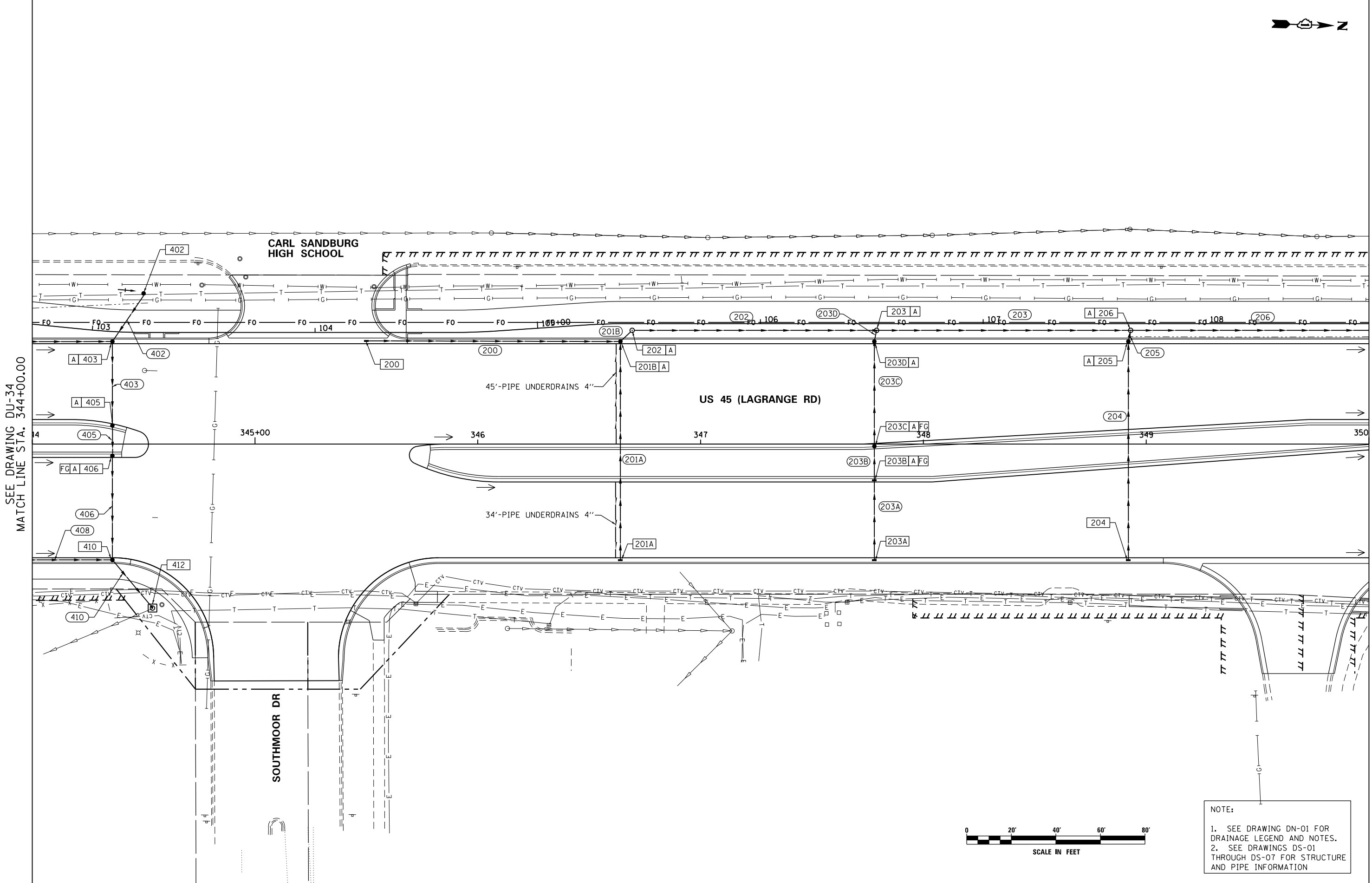
PROPOSED DRAINAGE PLAN - US 45 (LAGRANGE ROAD)

SCALE: 1"=20' SHEET 10 OF 17 SHEETS STA. 338+00.00 TO STA. 344+00.00



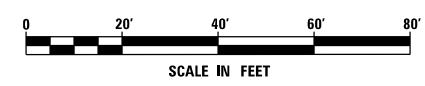
NOTE:
1. SEE DRAWING DN-01 FOR DRAINAGE LEGEND AND NOTES.
2. SEE DRAWINGS DS-01 THROUGH DS-07 FOR STRUCTURE AND PIPE INFORMATION

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
330	103R-5	COOK	778	189
DU-34			CONTRACT NO. 60M62	
ILLINOIS FED. AID PROJECT				



SEE DRAWING DU-34
MATCH LINE STA. 344+00.00

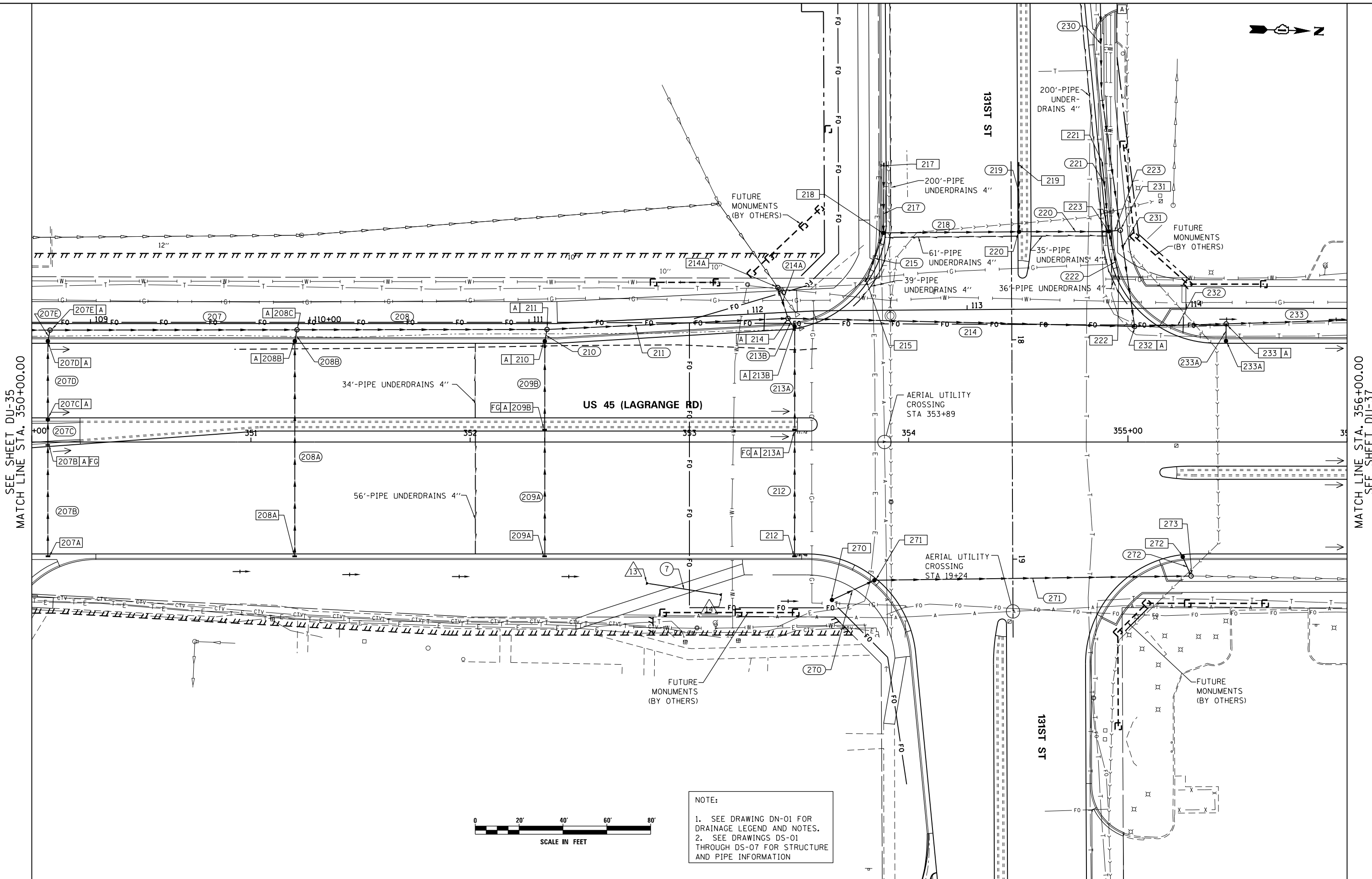
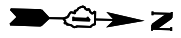
MATCH LINE STA. 350+00.00
SEE DRAWING DU-36



NOTE:
1. SEE DRAWING DN-01 FOR DRAINAGE LEGEND AND NOTES.
2. SEE DRAWINGS DS-01 THROUGH DS-07 FOR STRUCTURE AND PIPE INFORMATION

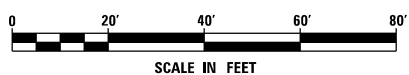
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FILE NAME = D160M62-SHT-DRAINPR11.dgn	USER NAME = Anthony.Plutz	DESIGNED - EJD	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	PROPOSED DRAINAGE PLAN - US 55 (LAGRANGE ROAD)			F.A.P. RTE. 330	SECTION 103R-5	COUNTY COOK	TOTAL SHEETS 778	SHEET NO. 190
	PLOT SCALE = 48.000000' / in.	CHECKED - JWM	REVISED -					DU-35		CONTRACT NO. 60M62		ILLINOIS FED. AID PROJECT
SHT.PLAN	PLOT DATE = 3/13/2013	DATE - 03/13/13	REVISED -	SCALE: 1"=20'			SHEET 11 OF 17 SHEETS	STA. 344+00.00 TO STA. 350+00.00				



SEE SHEET DU-35
MATCH LINE STA. 350+00.00

MATCH LINE STA. 356+00.00
SEE SHEET DU-37



NOTE:
1. SEE DRAWING DN-01 FOR DRAINAGE LEGEND AND NOTES.
2. SEE DRAWINGS DS-01 THROUGH DS-07 FOR STRUCTURE AND PIPE INFORMATION

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FILE NAME = D160M62-SHT-DRAINPR12.dgn
SHT.PLAN

USER NAME = Anthony.Plutz
PLOT SCALE = 48.000000' / in.
PLOT DATE = 3/13/2013

DESIGNED - EJD
DRAWN - EJD
CHECKED - JWM
DATE - 03/13/13

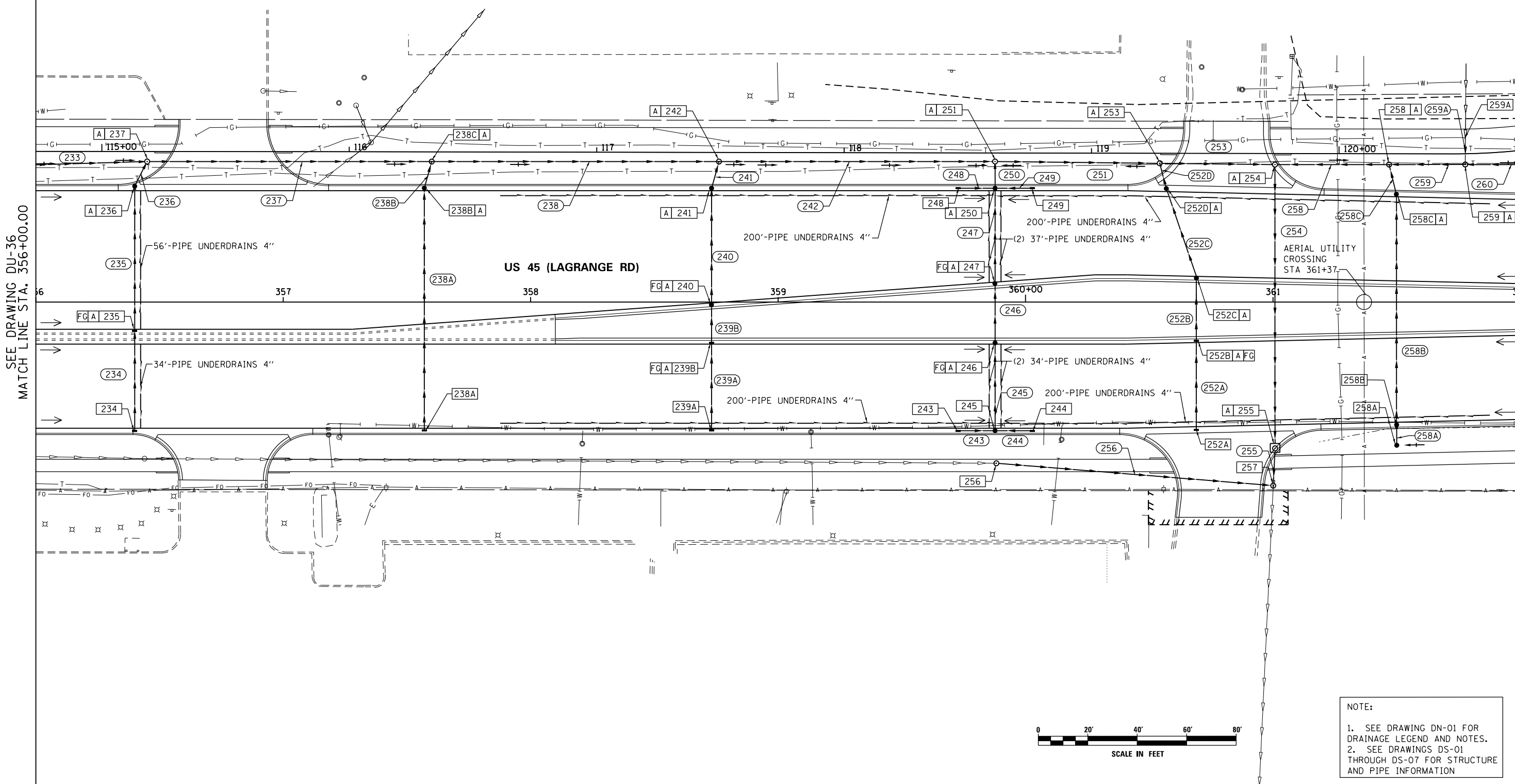
REVISED -
REVISED -
REVISED -
REVISED -

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PROPOSED DRAINAGE PLAN - US 45 (LAGRANGE ROAD)

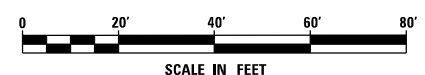
SCALE: 1"=20' SHEET 12 OF 17 SHEETS STA. 350+00.00 TO STA. 356+00.00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
330	103R-5	COOK	778	191
DU-36			CONTRACT NO. 60M62	
ILLINOIS FED. AID PROJECT				



SEE DRAWING DU-36
MATCH LINE STA. 356+00.00

MATCH LINE STA. 362+00.00
SEE DRAWING DU-37



NOTE:
1. SEE DRAWING DN-01 FOR DRAINAGE LEGEND AND NOTES.
2. SEE DRAWINGS DS-01 THROUGH DS-07 FOR STRUCTURE AND PIPE INFORMATION

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FILE NAME = D160M62-SHT-DRAINPR13.dgn
SHT.PLAN

USER NAME = Anthony.Plutz
PLOT SCALE = 48.000000' / in.
PLOT DATE = 3/13/2013

DESIGNED - EJD
DRAWN - EJD
CHECKED - JWM
DATE - 03/13/13

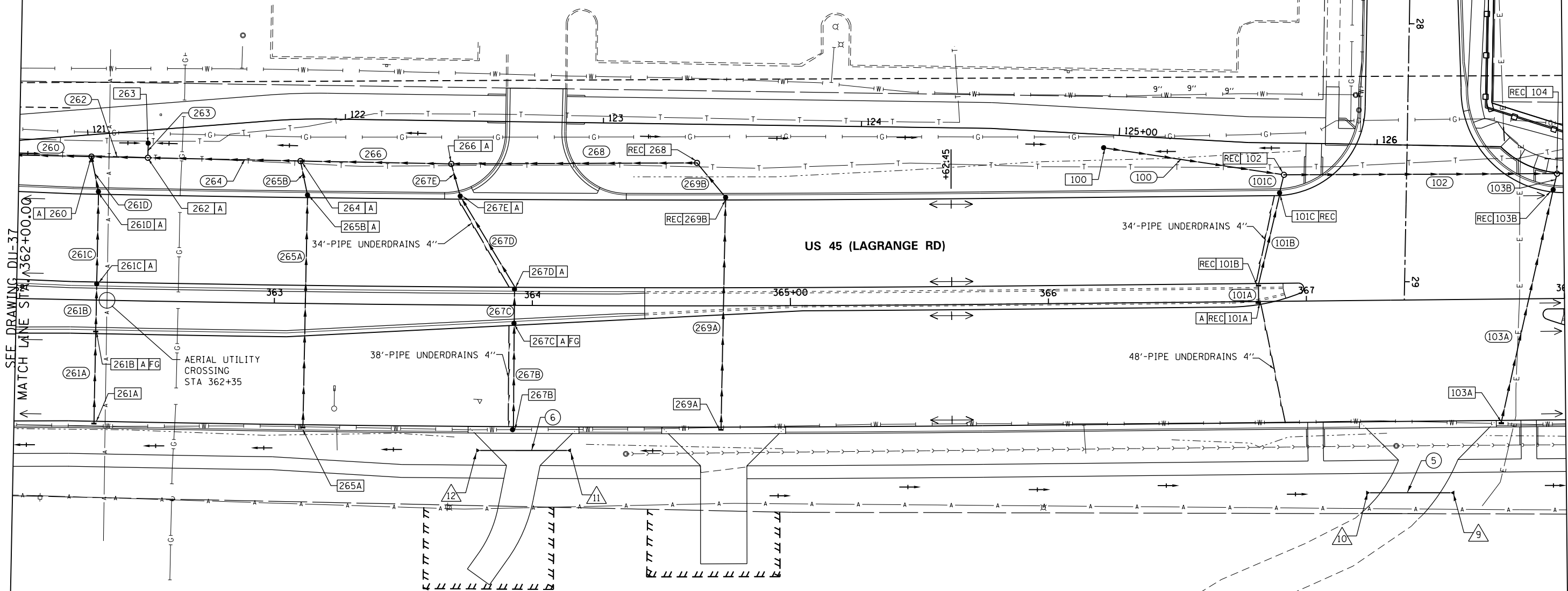
REVISED -
REVISED -
REVISED -
REVISED -

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PROPOSED DRAINAGE PLAN - US 45 (LAGRANGE ROAD)

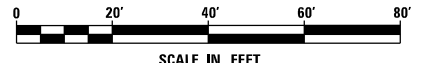
SCALE: 1"=20' SHEET 13 OF 17 SHEETS STA. 356+00.00 TO STA. 362+00.00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
330	103R-5	COOK	778	192
DU-37			CONTRACT NO. 60M62	
ILLINOIS FED. AID PROJECT				



SEE DRAWING DU-37
 MATCH LINE STA. 362+00.00

MATCH LINE STA. 368+00.00
 SEE DRAWING DU-39



NOTE:
 1. SEE DRAWING DN-01 FOR DRAINAGE LEGEND AND NOTES.
 2. SEE DRAWINGS DS-01 THROUGH DS-07 FOR STRUCTURE AND PIPE INFORMATION

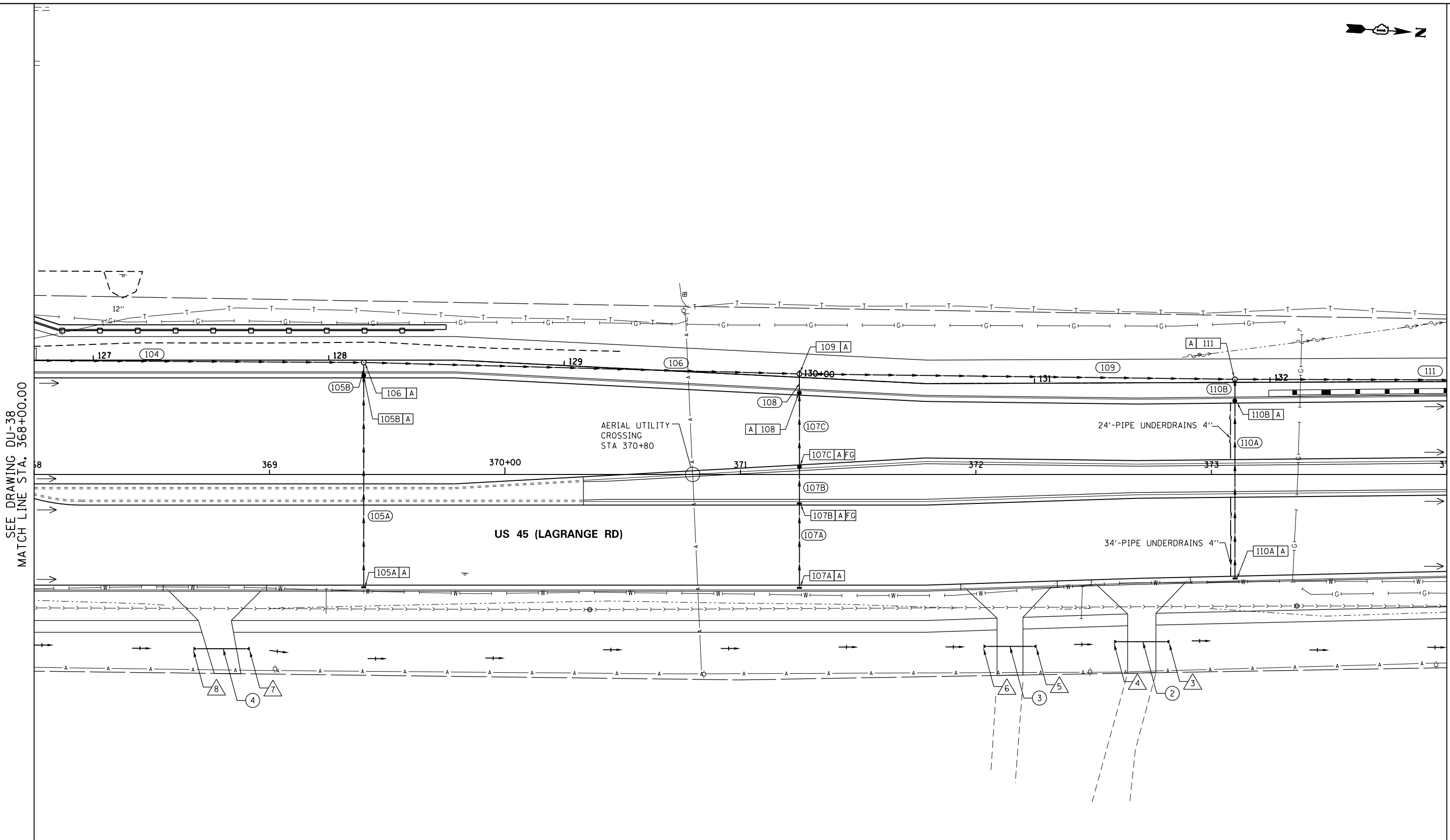
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		DRAWN - EJD	REVISED -
	PLOT SCALE = 48.000000' / in.	CHECKED - JWM	REVISED -
SHT.PLAN	PLOT DATE = 3/13/2013	DATE - 03/13/13	REVISED -

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PROPOSED DRAINAGE PLAN - US 45 (LAGRANGE ROAD)

SCALE: 1"=20' SHEET 14 OF 17 SHEETS STA. 362+00.00 TO STA. 368+00.00

F.A.P. RFE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
330	103R-5	COOK	778	193
DU-38		CONTRACT NO. 60M62		
ILLINOIS FED. AID PROJECT				



SEE DRAWING DU-38
MATCH LINE STA. 368+00.00

MATCH LINE STA. 374+00.00
SEE DRAWING DU-40

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FILE NAME = D:\160M62-SHT-DRAINPR15.dgn	USER NAME = Anthony.Plutz	DESIGNED - EJD	REVISED -
SHT_PLAN	PLOT SCALE = 48.000000' / in.	DRAWN - EJD	REVISED -
	PLOT DATE = 3/13/2013	CHECKED - JWM	REVISED -
		DATE - 03/13/13	REVISED -

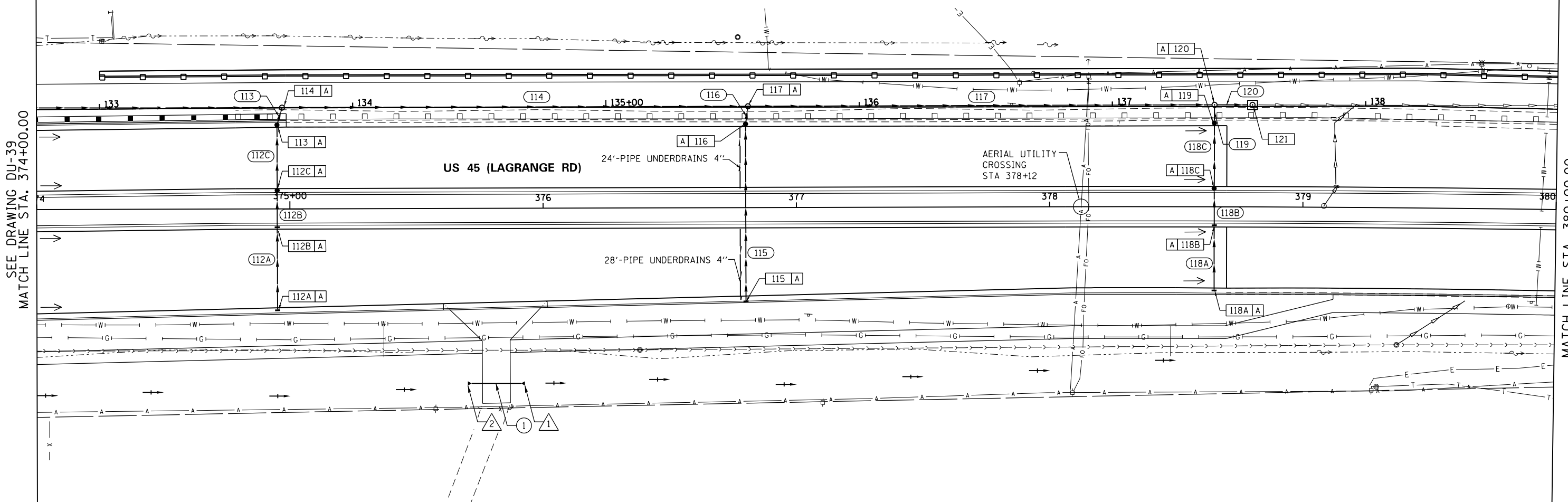
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PROPOSED DRAINAGE PLAN - US 45 (LAGRANGE ROAD)

SCALE: 1"=20' SHEET 15 OF 17 SHEETS STA. 368+00.00 TO STA. 374+00.00

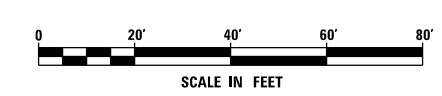
F.A.P. RTE. 330	SECTION 103R-5	COUNTY COOK	TOTAL SHEETS 778	SHEET NO. 194
DU-39			CONTRACT NO. 60M62	
ILLINOIS FED. AID PROJECT				

NOTE:
 1. SEE DRAWING DN-01 FOR DRAINAGE LEGEND AND NOTES.
 2. SEE DRAWINGS DS-01 THROUGH DS-07 FOR STRUCTURE AND PIPE INFORMATION



SEE DRAWING DU-39
MATCH LINE STA. 374+00.00

MATCH LINE STA. 380+00.00
SEE DRAWING DU-41



NOTE:
1. SEE DRAWING DN-01 FOR DRAINAGE LEGEND AND NOTES.
2. SEE DRAWINGS DS-01 THROUGH DS-07 FOR STRUCTURE AND PIPE INFORMATION

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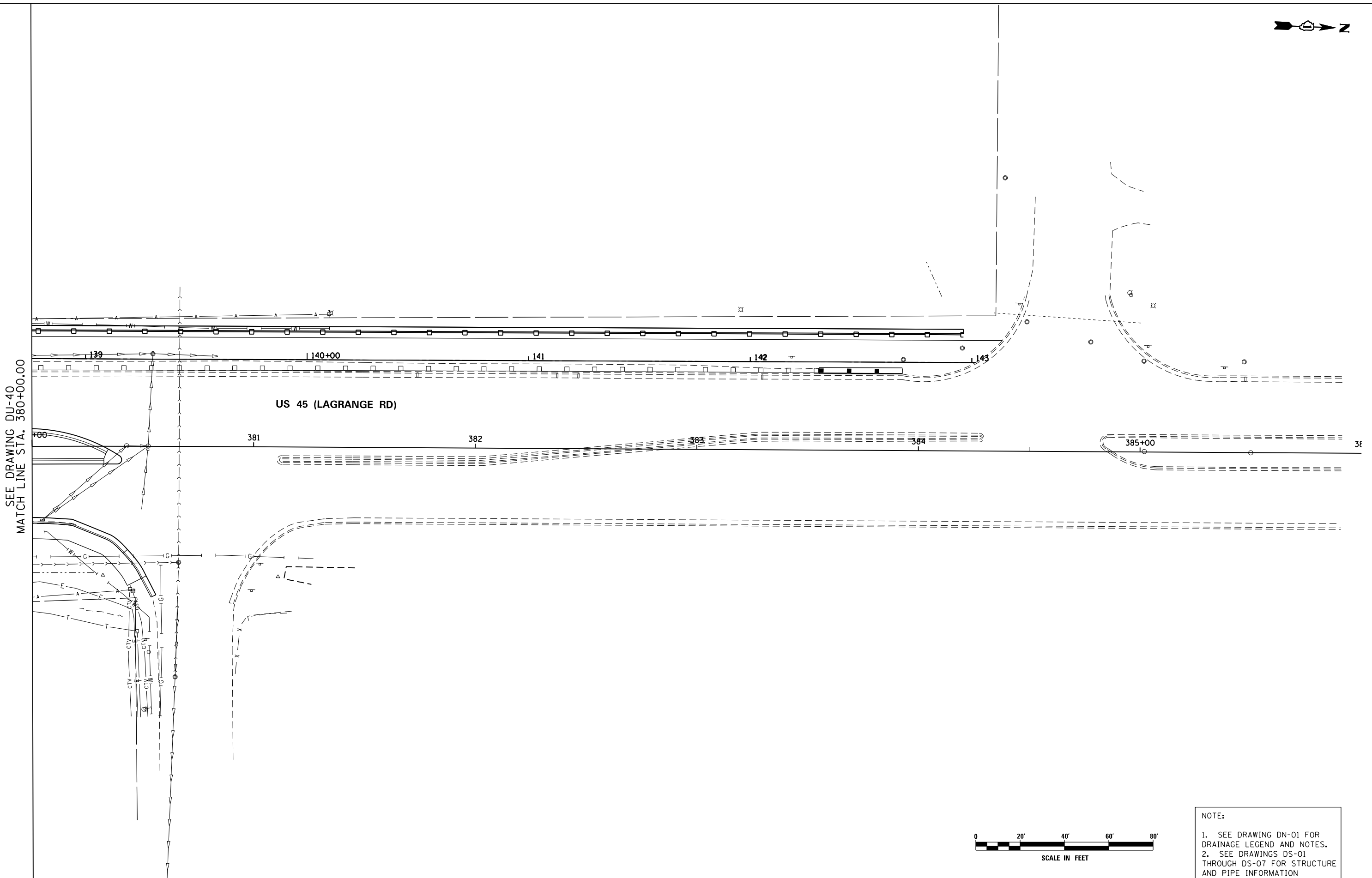
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SHT_PLAN	PLOT SCALE = 48.000000' / in.	DRAWN - EJD	REVISED -
	PLOT DATE = 3/13/2013	CHECKED - JWM	REVISED -
		DATE - 03/13/13	REVISED -

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PROPOSED DRAINAGE PLAN - US 45 (LAGRANGE ROAD)

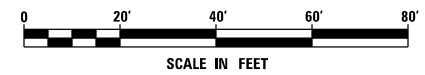
SCALE: 1"=20' SHEET 16 OF 17 SHEETS STA. 374+00.00 TO STA. 380+00.00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
330	103R-5	COOK	778	195
DU-40			CONTRACT NO. 60M62	
ILLINOIS FED. AID PROJECT				



SEE DRAWING DU-40
MATCH LINE STA. 380+00.00

US 45 (LAGRANGE RD)



NOTE:
1. SEE DRAWING DN-01 FOR DRAINAGE LEGEND AND NOTES.
2. SEE DRAWINGS DS-01 THROUGH DS-07 FOR STRUCTURE AND PIPE INFORMATION

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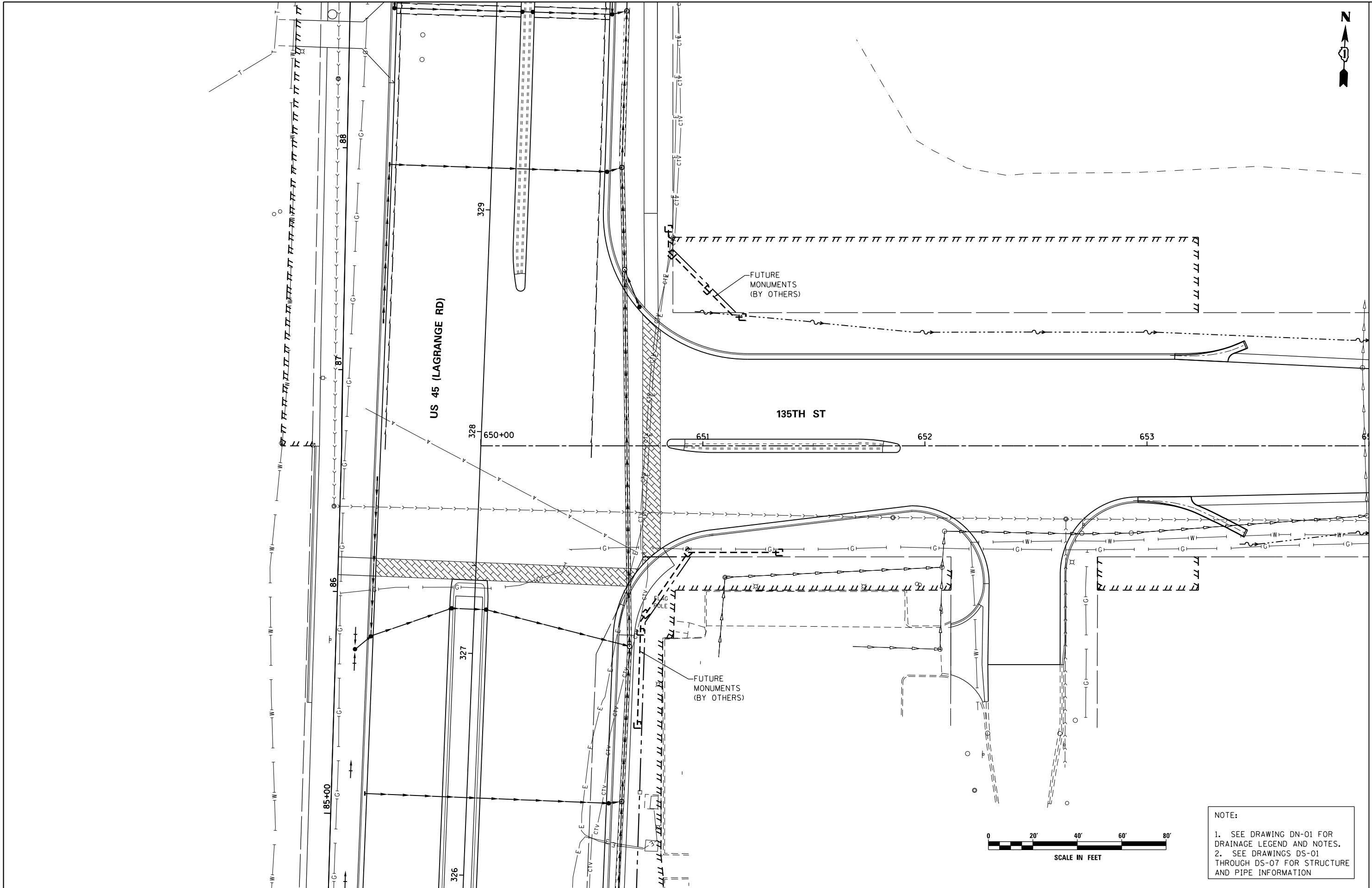
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SHT.PLAN	PLOT SCALE = 48.000000' / in.	DRAWN - EJD	REVISED -
	PLOT DATE = 3/13/2013	CHECKED - JWM	REVISED -
		DATE - 03/13/13	REVISED -

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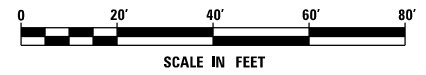
PROPOSED DRAINAGE PLAN - US 45 (LAGRANGE ROAD)

SCALE: 1"=20' SHEET 17 OF 17 SHEETS STA. 380+00.00 TO STA. END

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
330	103R-5	COOK	778	196
DU-41			CONTRACT NO. 60M62	
ILLINOIS FED. AID PROJECT				



MATCH LINE STA. 654+00.00
 SEE DRAWING DU-43



NOTE:
 1. SEE DRAWING DN-01 FOR DRAINAGE LEGEND AND NOTES.
 2. SEE DRAWINGS DS-01 THROUGH DS-07 FOR STRUCTURE AND PIPE INFORMATION

FILE NAME = D160M62-SHT-DRAINPR18.dgn	USER NAME = Anthony.Plutz	DESIGNED - EJD	REVISED -
		DRAWN - EJD	REVISED -
		CHECKED - JWM	REVISED -
		DATE - 03/13/13	REVISED -

PLOT SCALE = 48.000000' / in.	
PLOT DATE = 3/13/2013	

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PROPOSED DRAINAGE PLAN - 135TH STREET

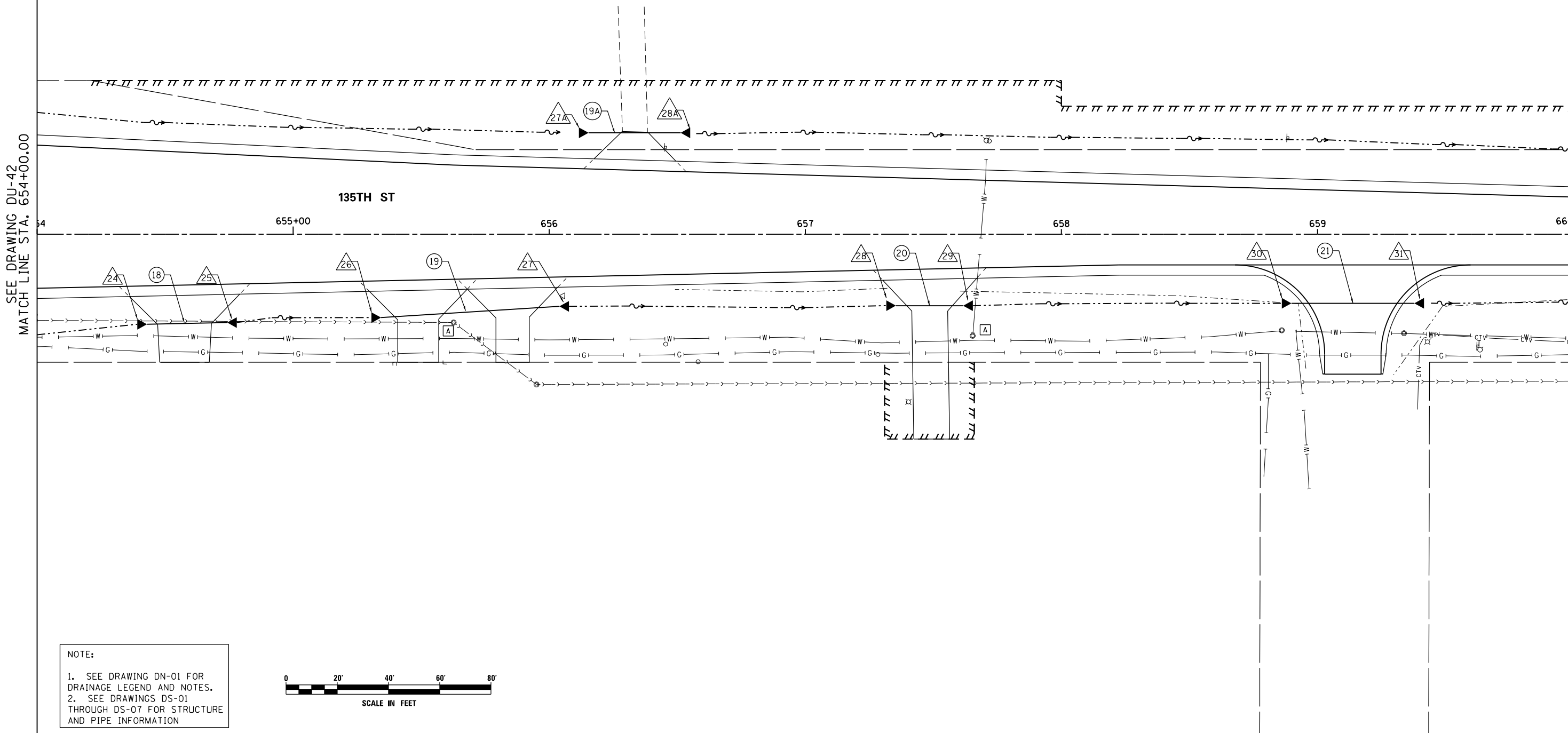
SCALE: 1"=20' SHEET 1 OF 3 SHEETS STA. BEGIN TO STA. 654+00.00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
330	103R-5	COOK	778	197
DU-42			CONTRACT NO. 60M62	
ILLINOIS FED. AID PROJECT				



MANHOLES TO BE ADJUSTED
 STA 657+65.3, 39.7' RT
 STA 658+86.1, 37.5' RT
 STA 659+33.8, 38.7 RT

CATCH BASINS TO BE ADJUSTED
 STA 655+68.31, 24.8' RT



SEE DRAWING DU-42
 MATCH LINE STA. 654+00.00

MATCH LINE STA. 660+00.00
 SEE DRAWING DU-44

135TH ST

655+00

656

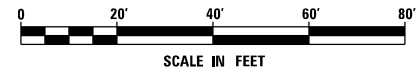
657

658

659

660

NOTE:
 1. SEE DRAWING DN-01 FOR DRAINAGE LEGEND AND NOTES.
 2. SEE DRAWINGS DS-01 THROUGH DS-07 FOR STRUCTURE AND PIPE INFORMATION



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FILE NAME =
 D160M62-SHT-DRAINPR19.dgn
 SHT.PLAN

USER NAME = Anthony.Plutz
 PLOT SCALE = 48.000000' / in.
 PLOT DATE = 3/13/2013

DESIGNED - EJD
 DRAWN - EJD
 CHECKED - JWM
 DATE - 03/13/13

REVISED -
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 REVISED -

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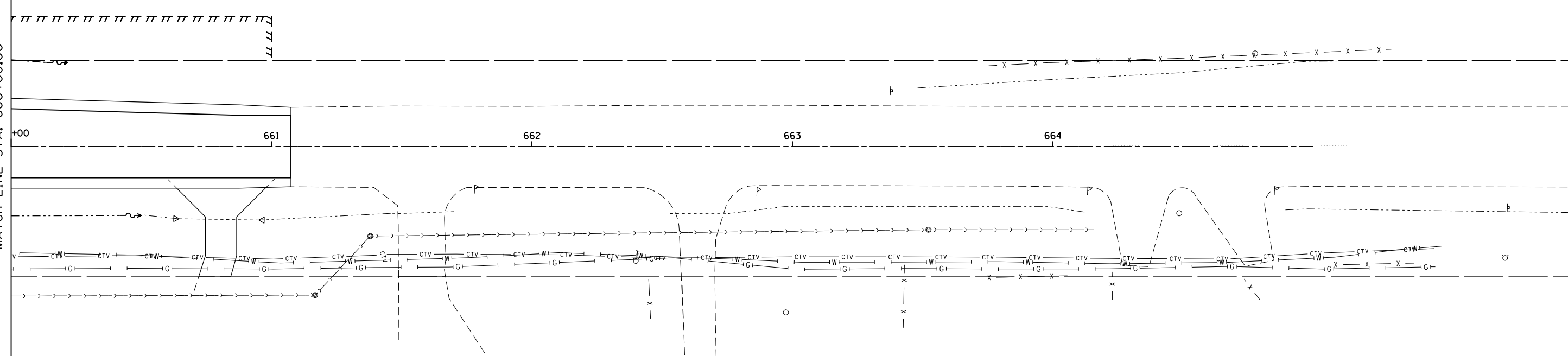
PROPOSED DRAINAGE PLAN - 135TH STREET

SCALE: 1"=20' SHEET 2 OF 3 SHEETS STA. 654+00.00 TO STA. 660+00.00

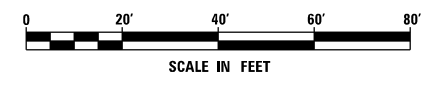
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
330	103R-5	COOK	778	198
DU-43			CONTRACT NO. 60M62	
ILLINOIS FED. AID PROJECT				



SEE DRAWING DU-43
MATCH LINE STA. 660+00.00



NOTE:
1. SEE DRAWING DN-01 FOR DRAINAGE LEGEND AND NOTES.
2. SEE DRAWINGS DS-01 THROUGH DS-07 FOR STRUCTURE AND PIPE INFORMATION



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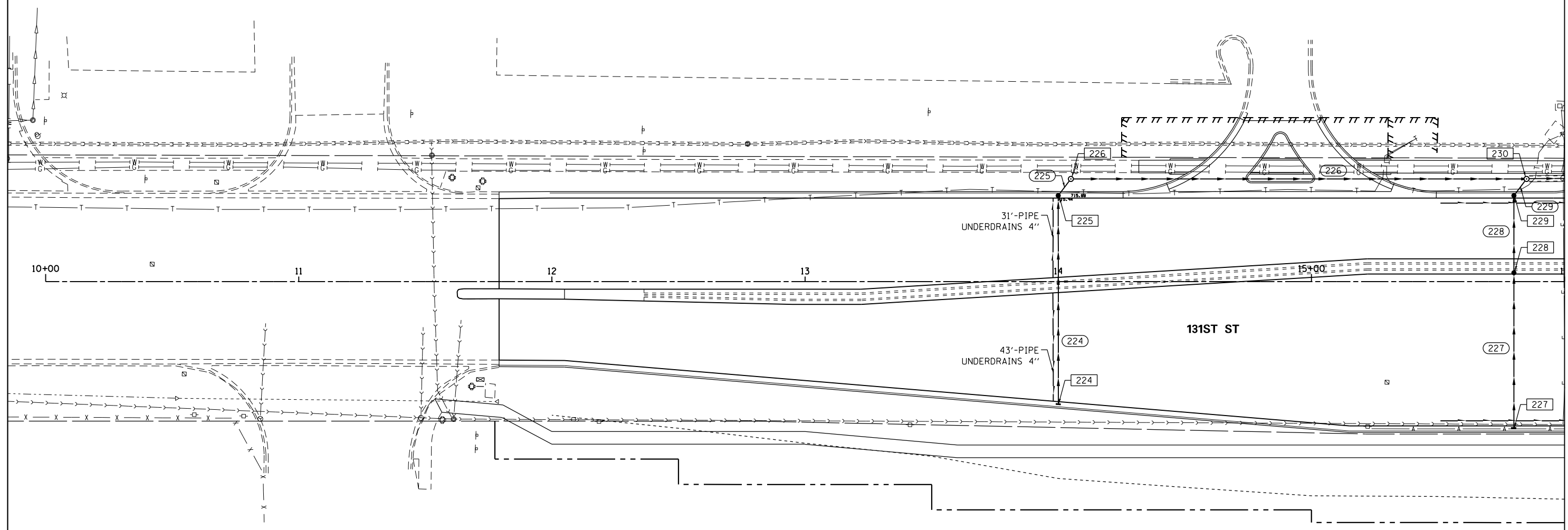
FILE NAME = D160M62-SHT-DRAINPR20.dgn	USER NAME = Anthony.Plutz	DESIGNED - EJD	REVISED -
SHT.PLAN	PLOT SCALE = 40.000000' / in.	DRAWN - EJD	REVISED -
	PLOT DATE = 3/13/2013	CHECKED - JWM	REVISED -
		DATE - 03/13/13	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

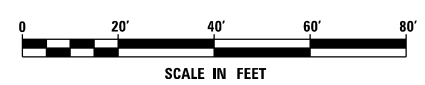
PROPOSED DRAINAGE PLAN - 135TH STREET

SCALE: 1"=20' SHEET 3 OF 3 SHEETS STA. 660+00.00 TO STA. END

F.A.P. RTE. 330	SECTION 103R-5	COUNTY COOK	TOTAL SHEETS 778	SHEET NO. 199
DU-44			CONTRACT NO. 60M62	
ILLINOIS FED. AID PROJECT				



MATCH LINE STA. 16+00.00
SEE DRAWING DU-46



NOTE:
1. SEE DRAWING DN-01 FOR DRAINAGE LEGEND AND NOTES.
2. SEE DRAWINGS DS-01 THROUGH DS-07 FOR STRUCTURE AND PIPE INFORMATION

URS
100 S. WACKER DR.
SUITE 600
CHICAGO, IL 60606
TEL (312) 939-1000
FAX (312) 939-4198

FILE NAME = D160M62-SHT-DRAINPR21.dgn	USER NAME = Anthony.Plutz	DESIGNED - EJD	REVISED -
SHT.PLAN	PLOT SCALE = 40.000000' / in.	DRAWN - EJD	REVISED -
	PLOT DATE = 3/13/2013	CHECKED - JWM	REVISED -
		DATE - 03/13/13	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

PROPOSED DRAINAGE PLAN - 131ST STREET

SCALE: 1"=20' SHEET 1 OF 3 SHEETS STA. BEGIN TO STA. 16+00.00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
330	103R-5	COOK	778	200
DU-45			CONTRACT NO. 60M62	
ILLINOIS FED. AID PROJECT				