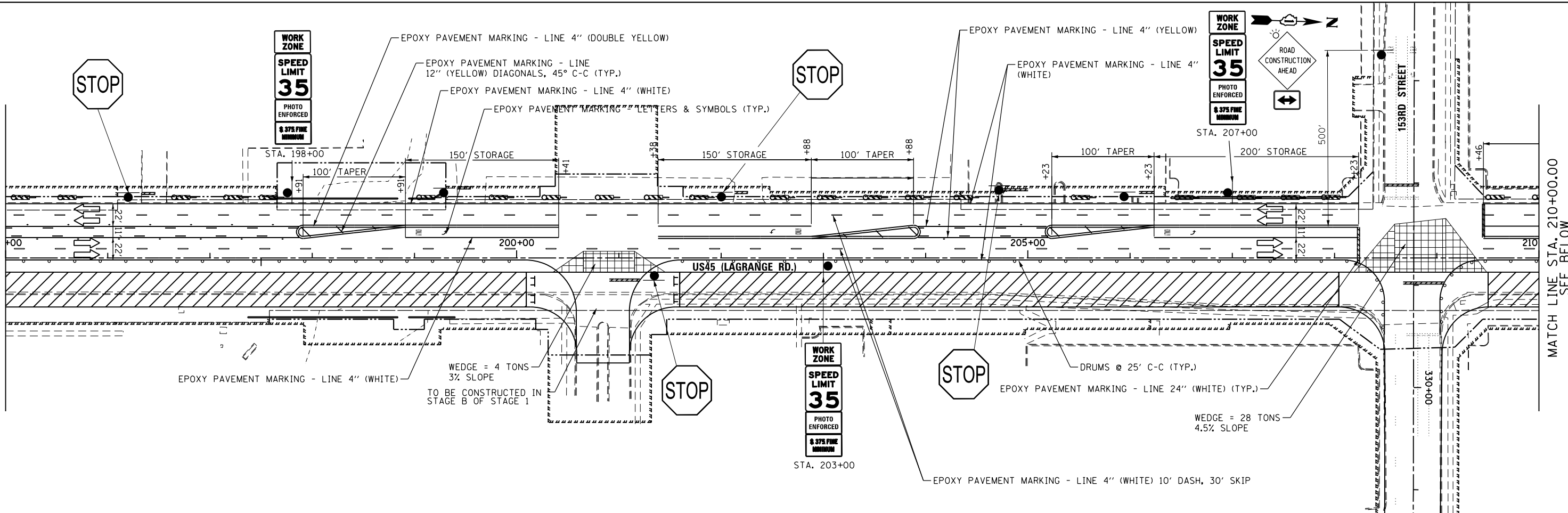
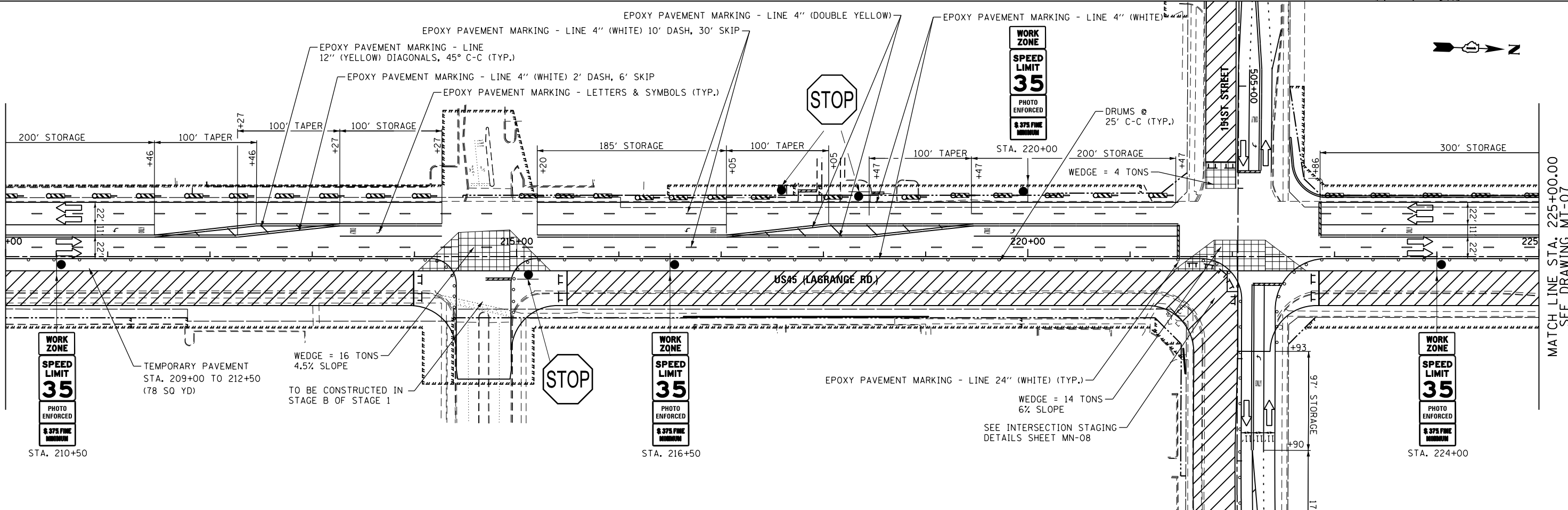


SEE DRAWING MT-05
MATCH LINE STA. 195+00.00



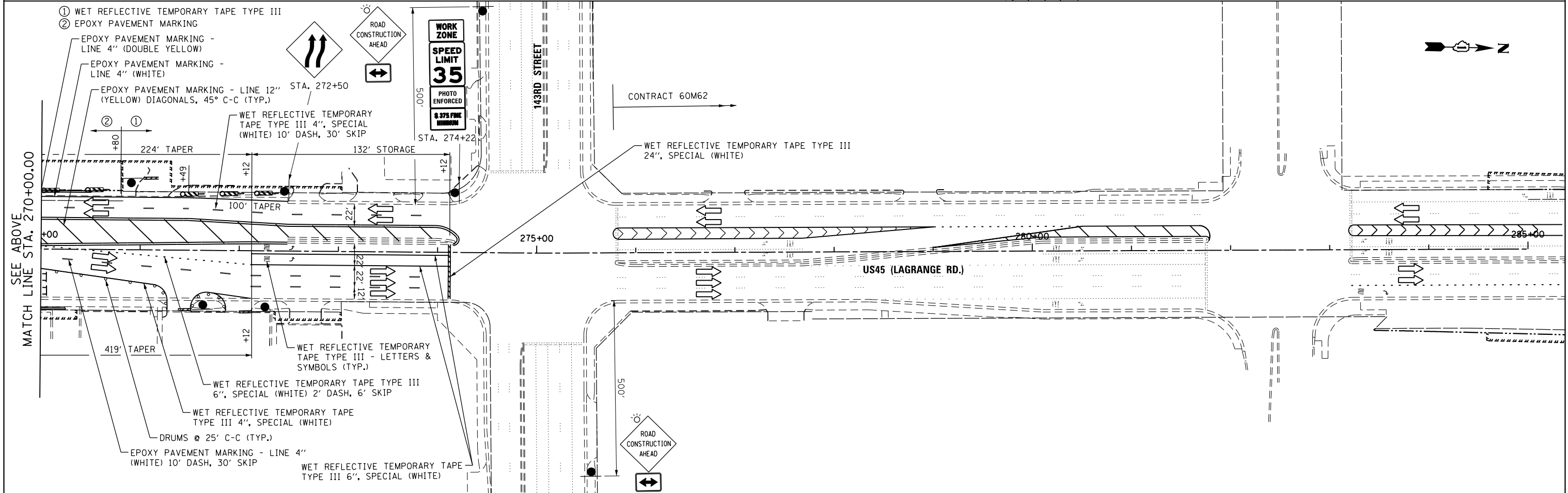
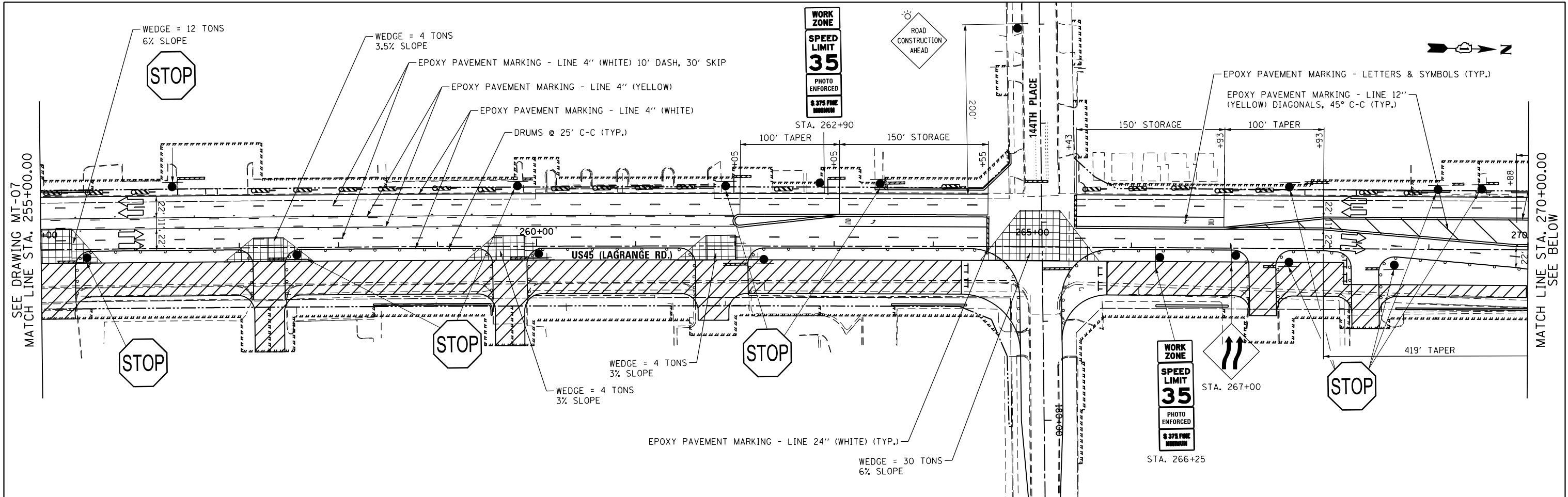
MATCH LINE STA. 210+00.00
SEE BELOW

SEE ABOVE
MATCH LINE STA. 210+00.00



MATCH LINE STA. 225+00.00
SEE DRAWING MT-07

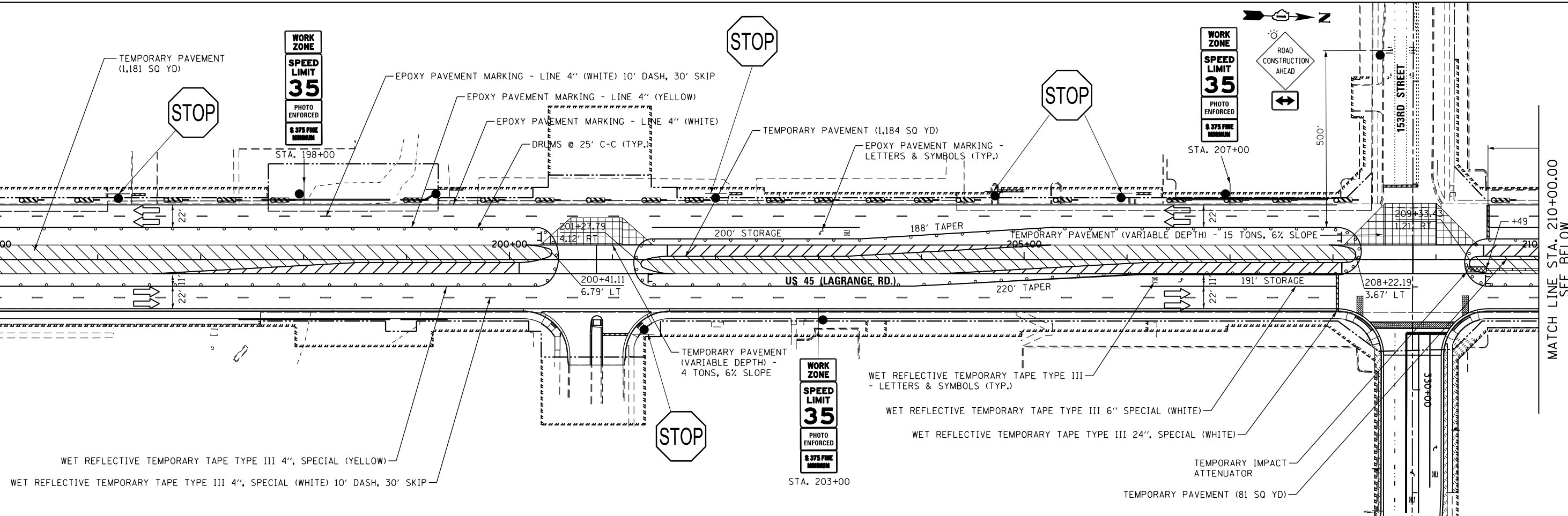
FILE NAME = D160M61-SHT-STAGING106.dgn	USER NAME = Anthony.Plutz	DESIGNED - YSK	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	MAINTENANCE OF TRAFFIC STAGE 1 PLAN US 45 (LAGRANGE ROAD)				F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
		DRAWN - YSK	REVISED -						330	103R-4	COOK	877	101
SHT.DOUBLE PLAN	PLOT SCALE = 100.000000' / 1 in.	CHECKED - MJT	REVISED -		MT-06		CONTRACT NO. 60M61						
	PLOT DATE = 3/15/2013	DATE - 03/13/2013	REVISED -		SCALE: 1"=50'	SHEET 2 OF 4 SHEETS	STA. 195+00.00 TO STA. 225+00.00			ILLINOIS FED. AID PROJECT			



FILE NAME = D160M61-SHT-STAGING108.dgn	USER NAME = Anthony.Plutz	DESIGNED - YSK	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	MAINTENANCE OF TRAFFIC STAGE 1 PLAN US 45 (LAGRANGE ROAD)				F.A.P RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
		DRAWN - YSK	REVISED -						330	103R-4	COOK	877	103
SHT.DOUBLE PLAN	PLOT SCALE = 100.000000' / in.	CHECKED - MJT	REVISED -						MT-08		CONTRACT NO. 60M61		
	PLOT DATE = 3/15/2013	DATE - 03/13/2013	REVISED -						ILLINOIS FED. AID PROJECT				
					SCALE: 1"=50'	SHEET 4 OF 4 SHEETS	STA. 255+00.00 TO STA. END						

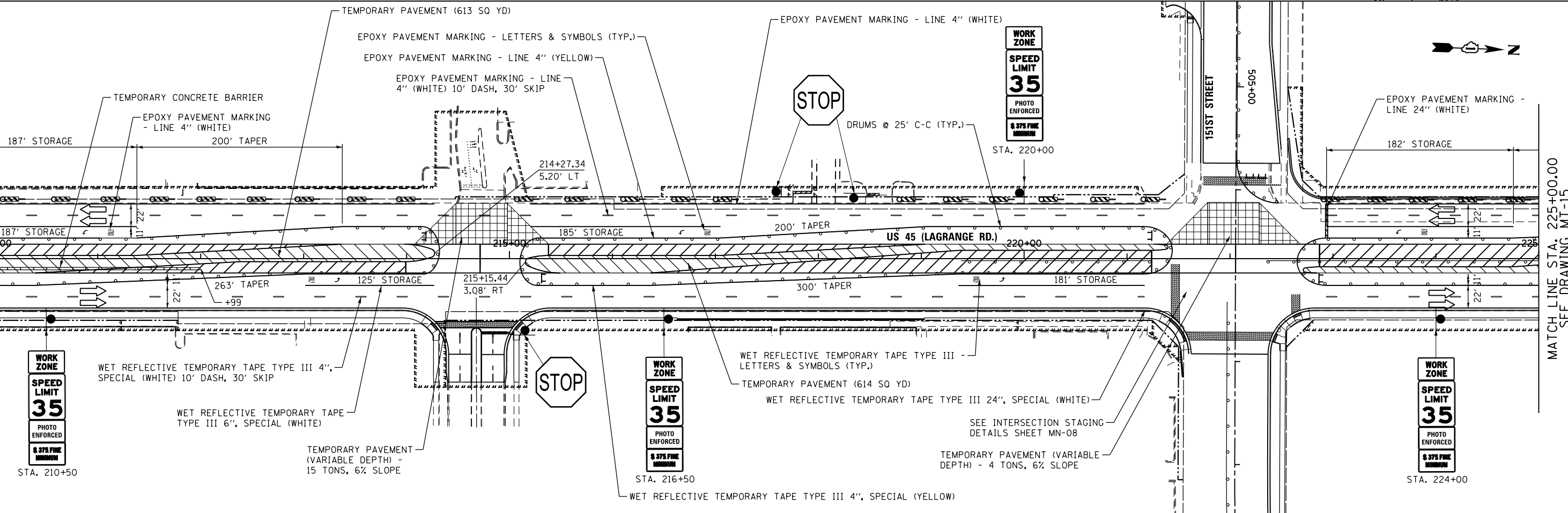
SCALE: 1"=50' SHEET 4 OF 4 SHEETS STA. 255+00.00 TO STA. END

SEE DRAWING MT-13
MATCH LINE STA. 195+00.00



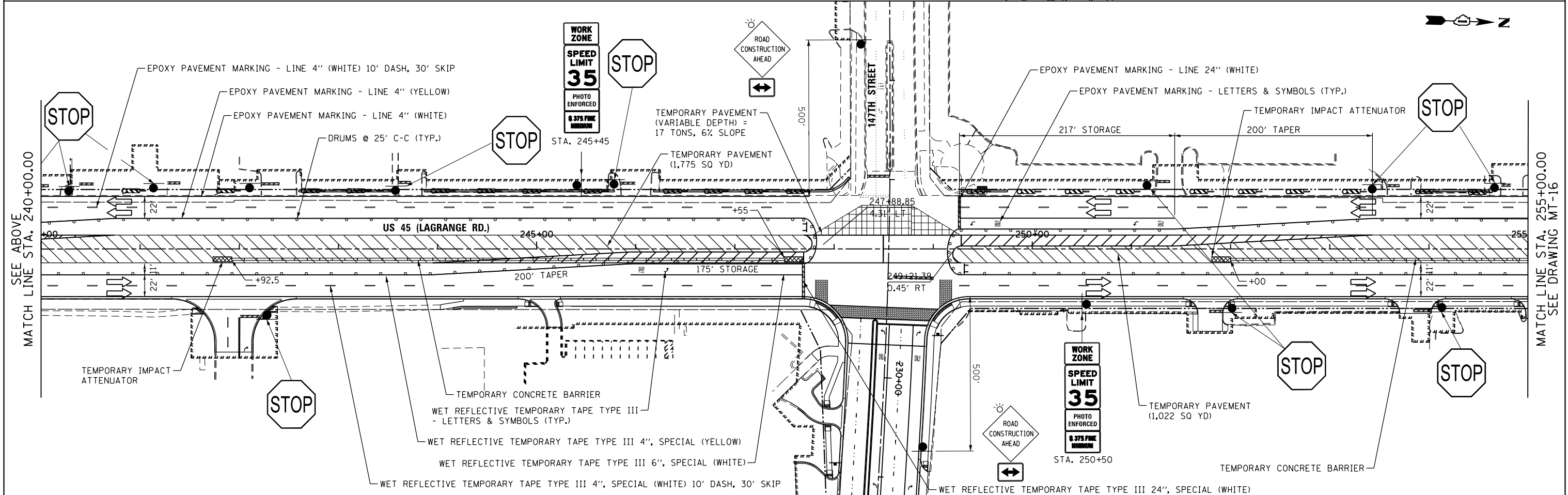
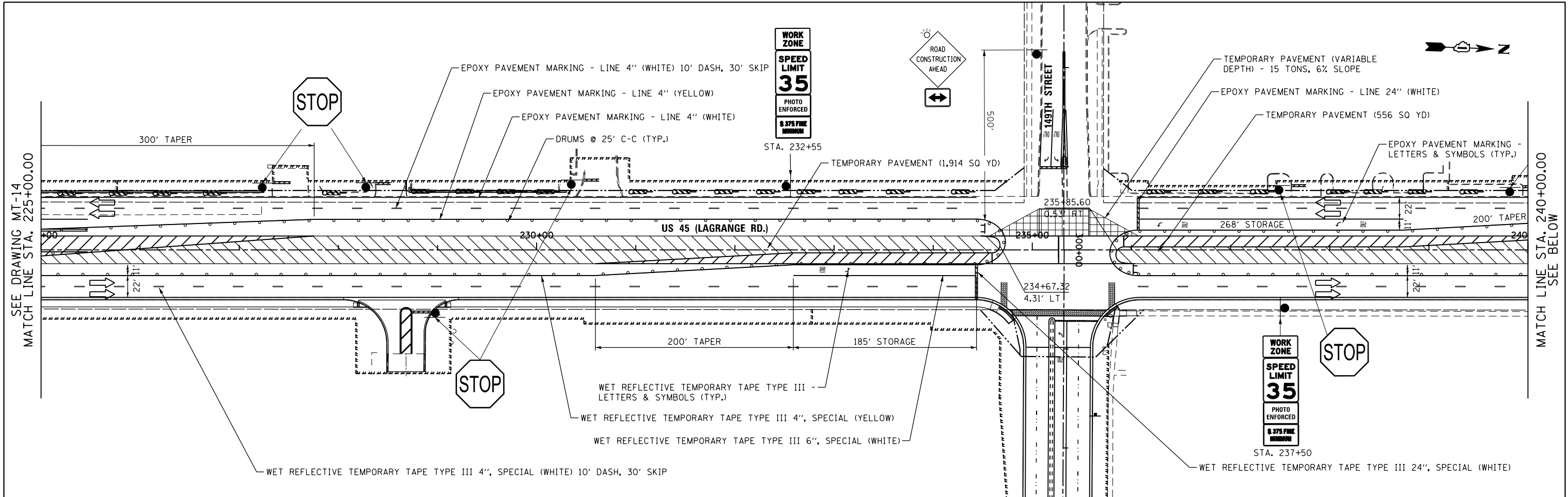
MATCH LINE STA. 210+00.00
SEE BELOW

SEE ABOVE
MATCH LINE STA. 210+00.00

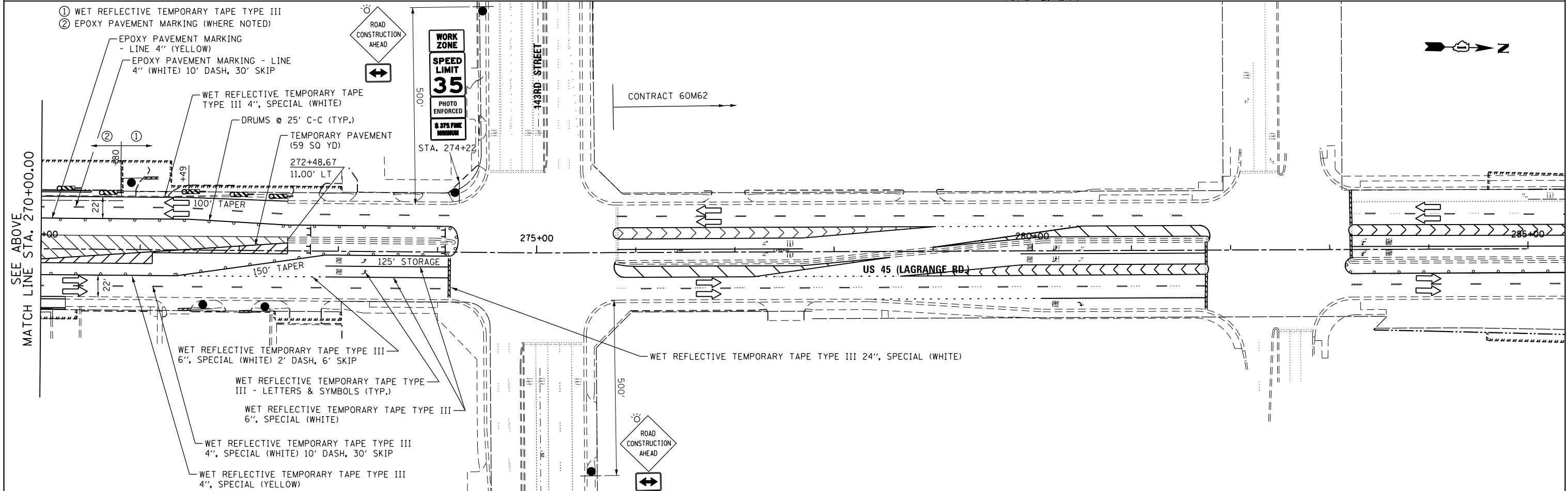
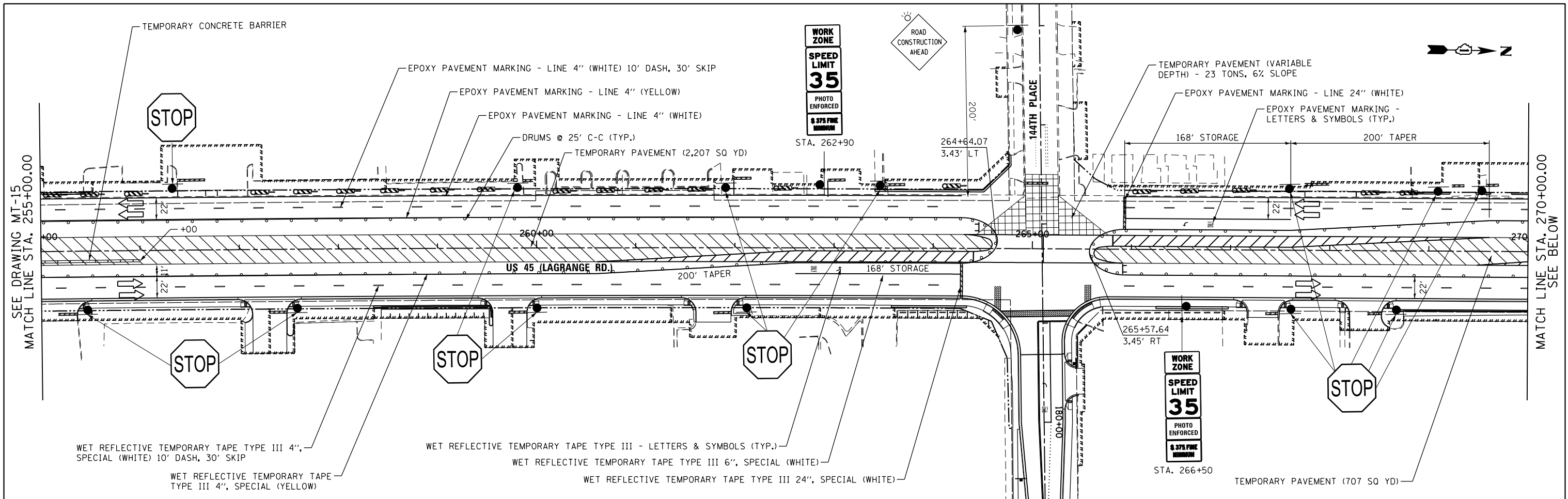


MATCH LINE STA. 225+00.00
SEE DRAWING MT-15

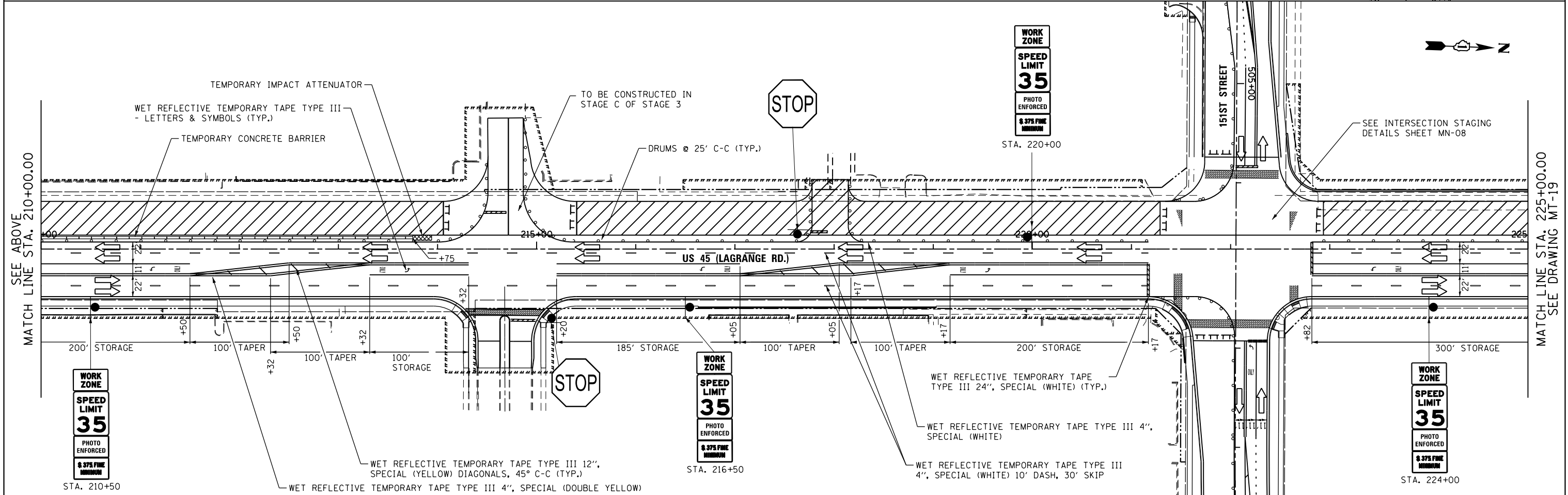
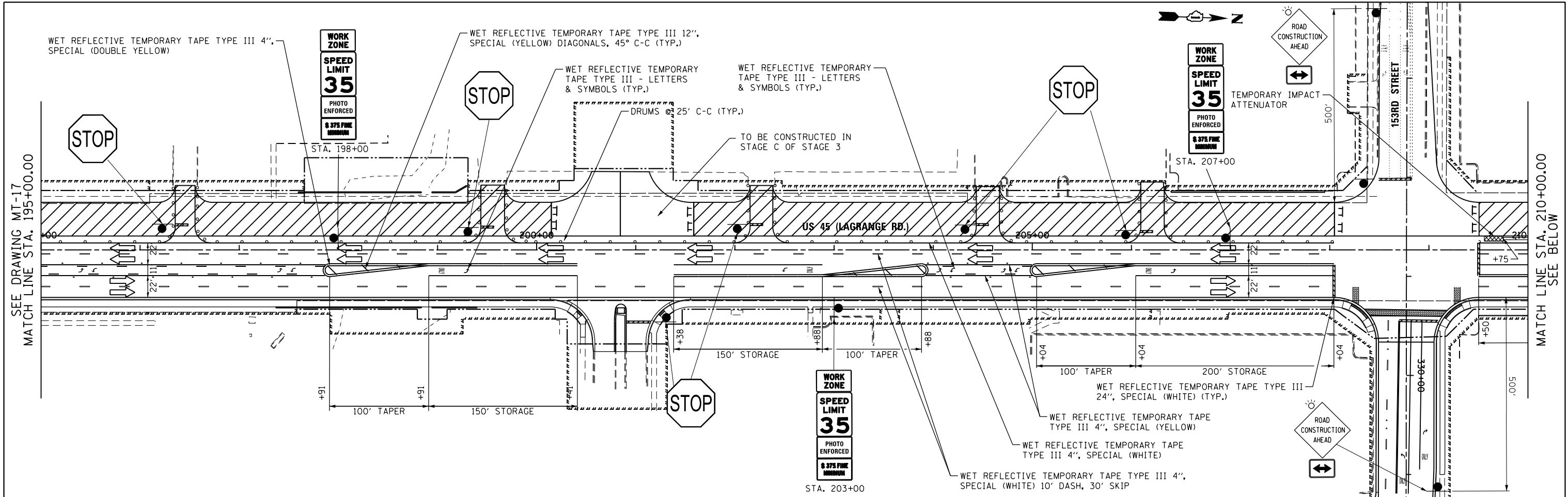
FILE NAME =	USER NAME = Anthony.Plutz	DESIGNED - YSK	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	MAINTENANCE OF TRAFFIC STAGE 2 PLAN US 45 (LAGRANGE ROAD)				F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
D160M61-SHT-STAGING110.dgn		DRAWN - YSK	REVISED -						330	103R-4	COOK	877	105
	PLOT SCALE = 100.000000' / in.	CHECKED - MJT	REVISED -						MT-10		CONTRACT NO. 60M61		
SHT.DOUBLE PLAN	PLOT DATE = 3/15/2013	DATE - 03/13/2013	REVISED -						ILLINOIS FED. AID PROJECT				
									SCALE: 1"=50'	SHEET 2 OF 4 SHEETS	STA. 195+00.00 TO STA. 225+00.00		



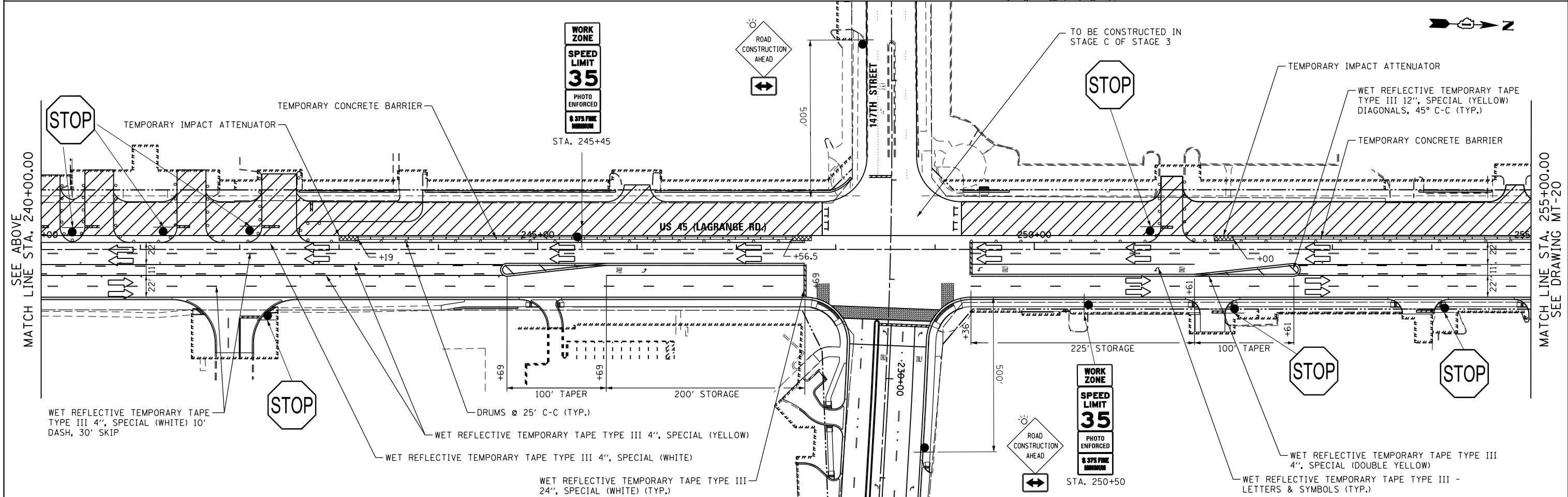
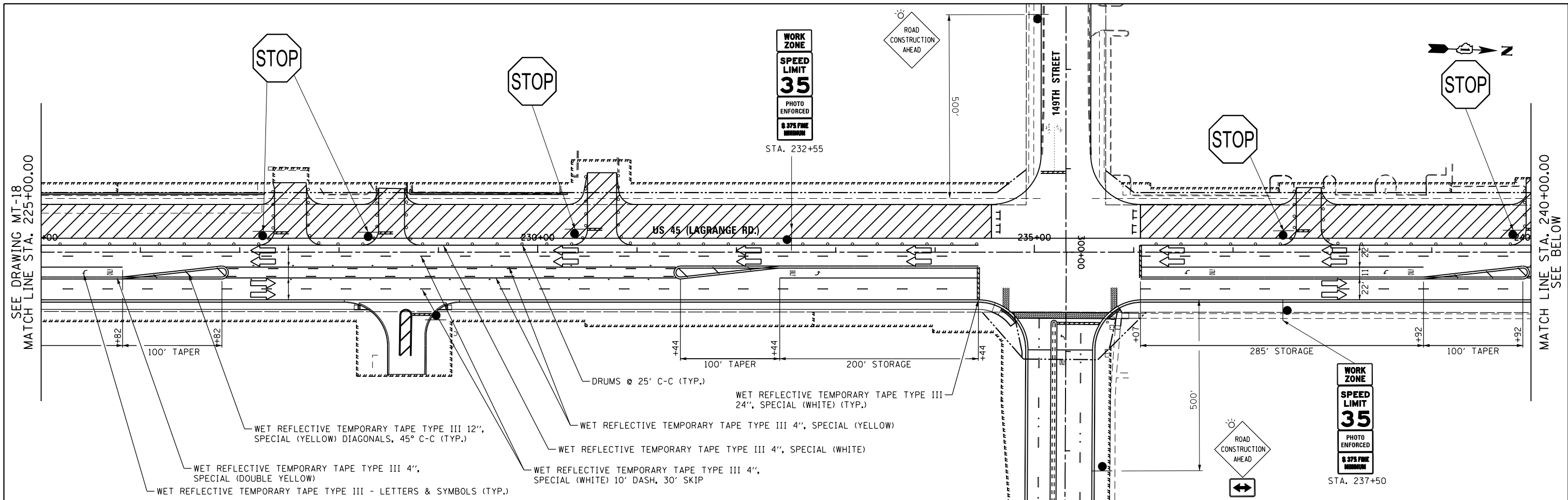
FILE NAME = D160M61-SHT-STAG(NG)111.dgn SHT.DOUBLE PLAN	USER NAME = Anthony.Plutz	DESIGNED - YSK	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	MAINTENANCE OF TRAFFIC STAGE 2 PLAN US 45 (LAGRANGE ROAD)			F.A.P.	SECTION	COUNTY	TOTAL	SHEET
		DRAWN - YSK	REVISED -					RTE.			SHEETS	NO.
	PLOT SCALE = 100.000000' / in.	CHECKED - MJT	REVISED -					330	103R-4	COOK	877	106
	PLOT DATE = 3/15/2013	DATE - 03/13/2013	REVISED -					MT-11		CONTRACT NO. 60M61		
SCALE: 1"=50'					SHEET 3 OF 4 SHEETS	STA. 225+00.00 TO STA. 255+00.00		ILLINOIS FED. AID PROJECT				



FILE NAME =	USER NAME = Anthony.Plutz	DESIGNED - YSK	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.
D160M61-SHT-STAGING12.dgn		DRAWN - YSK	REVISED -			330	103R-4	COOK	877	107
	PLOT SCALE = 100.000000' / in.	CHECKED - MJT	REVISED -			MT-12		CONTRACT NO. 60M61		
SHT.DOUBLE PLAN	PLOT DATE = 3/15/2013	DATE - 03/13/2013	REVISED -			ILLINOIS FED. AID PROJECT				



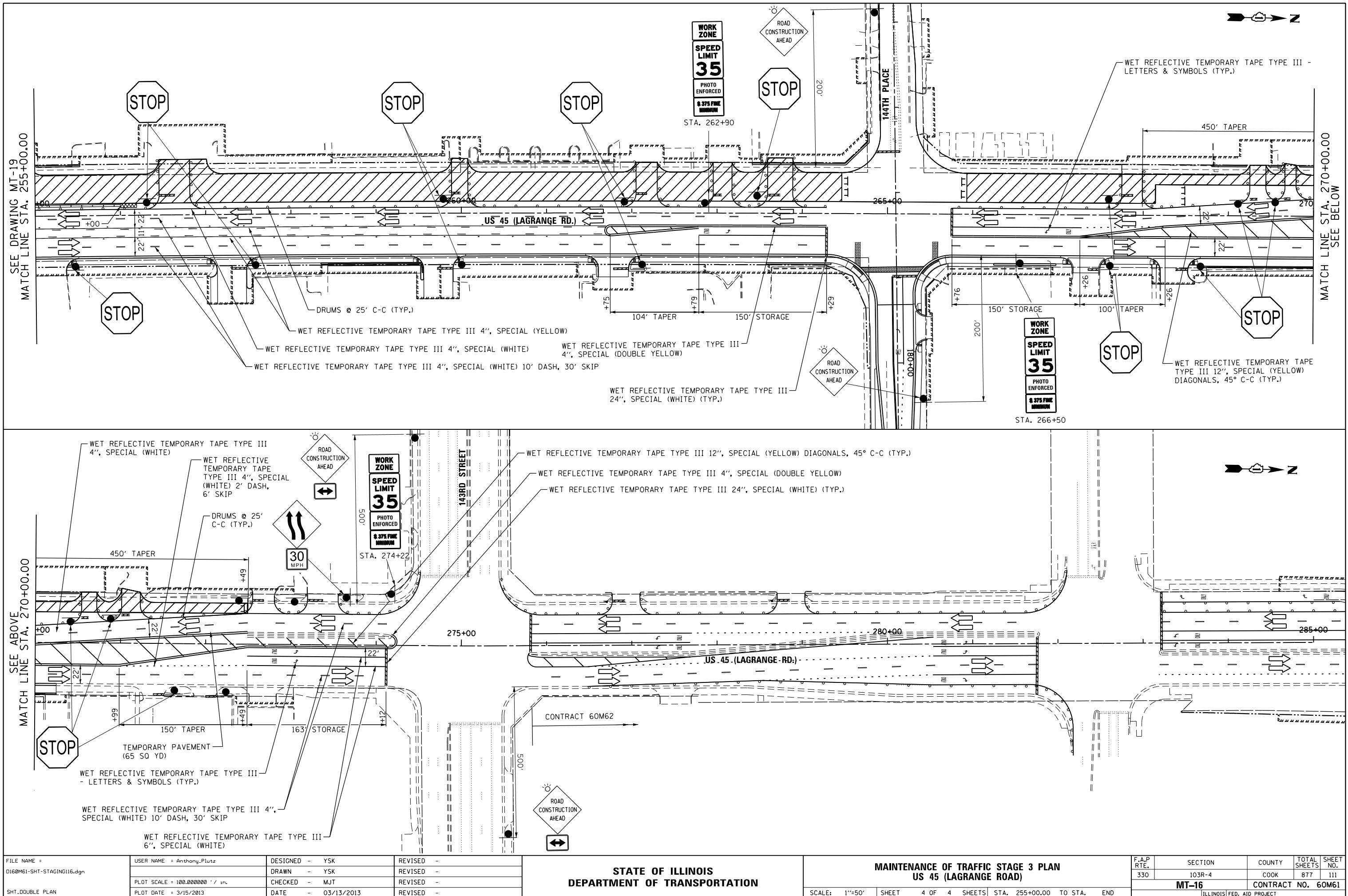
FILE NAME =	USER NAME = Anthony.Plutz	DESIGNED - YSK	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	MAINTENANCE OF TRAFFIC STAGE 3 PLAN US 45 (LAGRANGE ROAD)				F.A.P RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
D:\60M61-SHT-STAGING\14.dgn		DRAWN - YSK	REVISED -						330	103R-4	COOK	877	109
	PLOT SCALE = 100.000000 ' / in.	CHECKED - MJT	REVISED -		MT-14					CONTRACT NO. 60M61			
SHT.DOUBLE PLAN	PLOT DATE = 3/15/2013	DATE - 03/13/2013	REVISED -		SCALE: 1"=50'	SHEET 2 OF 4 SHEETS	STA. 195+00.00 TO STA. 225+00.00		ILLINOIS FED. AID PROJECT				



FILE NAME = D160M61-SHT-STAGING115.dgn SHT_DOUBLE PLAN	USER NAME = Anthony.Plutz	DESIGNED - YSK	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	MAINTENANCE OF TRAFFIC STAGE 3 PLAN US 45 (LAGRANGE ROAD)				F.A.P RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
		DRAWN - YSK	REVISED -						330	103R-4	COOK	877	110
	PLOT SCALE = 100.000000 ' / in.	CHECKED - MJT	REVISED -		MT-15		CONTRACT NO. 60M61						
	PLOT DATE = 3/15/2013	DATE - 03/13/2013	REVISED -		SCALE: 1"=50'		SHEET 3 OF 4 SHEETS	STA. 225+00.00 TO STA. 255+00.00					
ILLINOIS FED. AID PROJECT													

SEE DRAWING MT-19
MATCH LINE STA. 255+00.00

SEE ABOVE
MATCH LINE STA. 270+00.00



FILE NAME =
D160M61-SHT-STAGING116.dgn
SHT-DOUBLE PLAN

USER NAME = Anthony.Plutz
DESIGNED - YSK
DRAWN - YSK
PLOT SCALE = 1/8" = 1'-0"
PLOT DATE = 3/15/2013

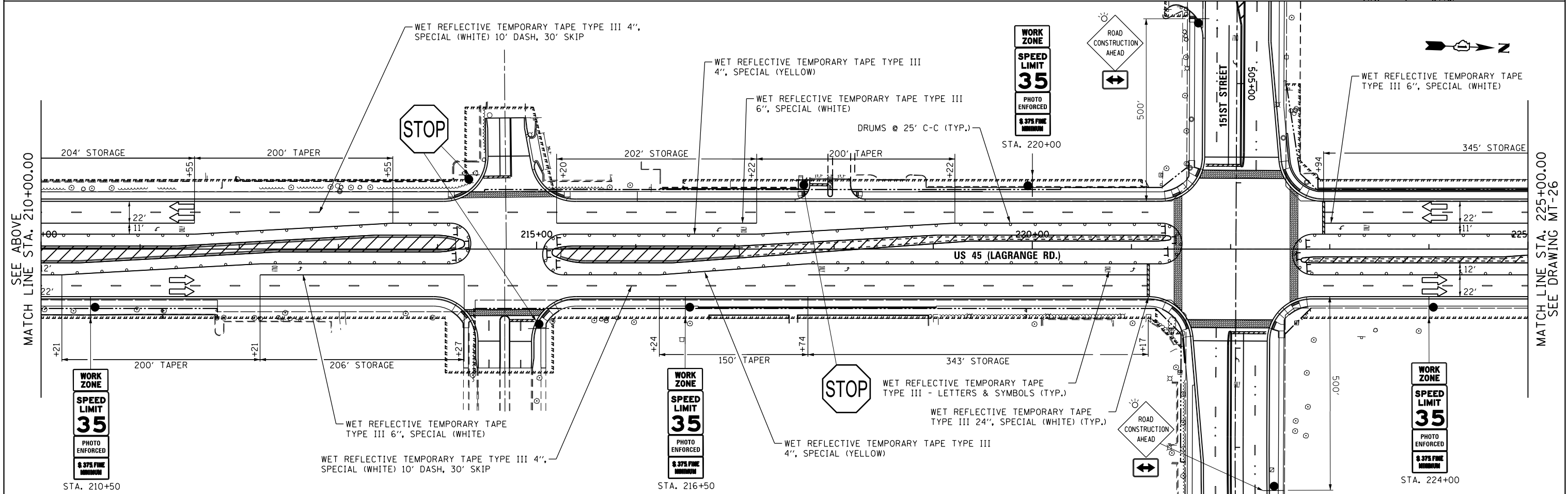
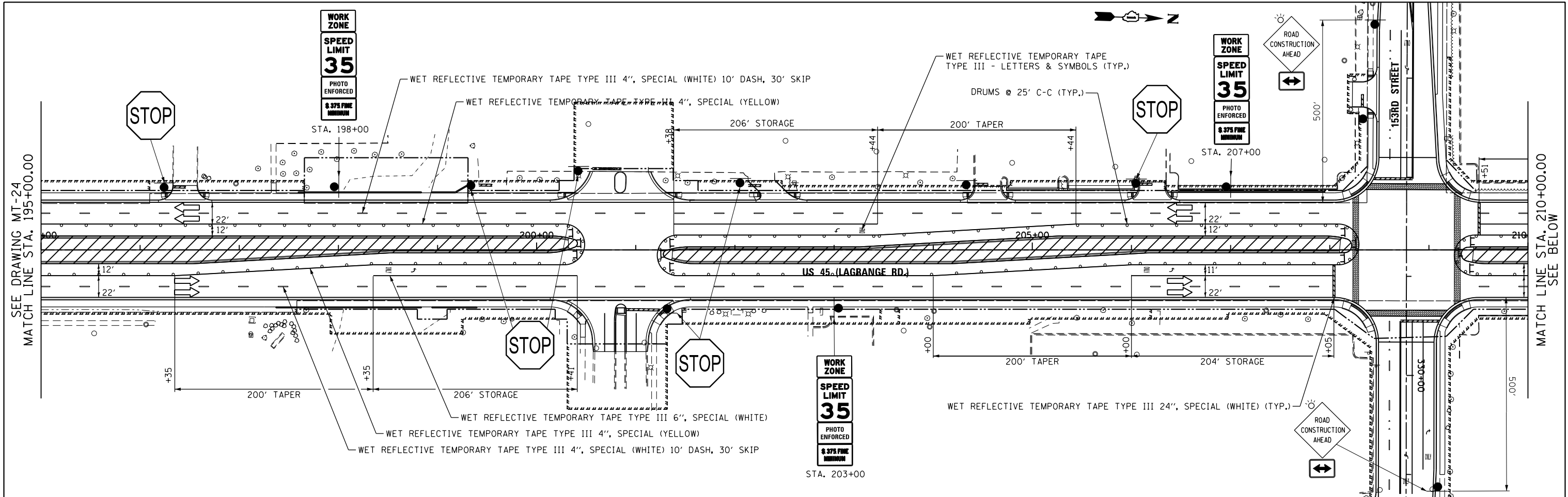
REVIS
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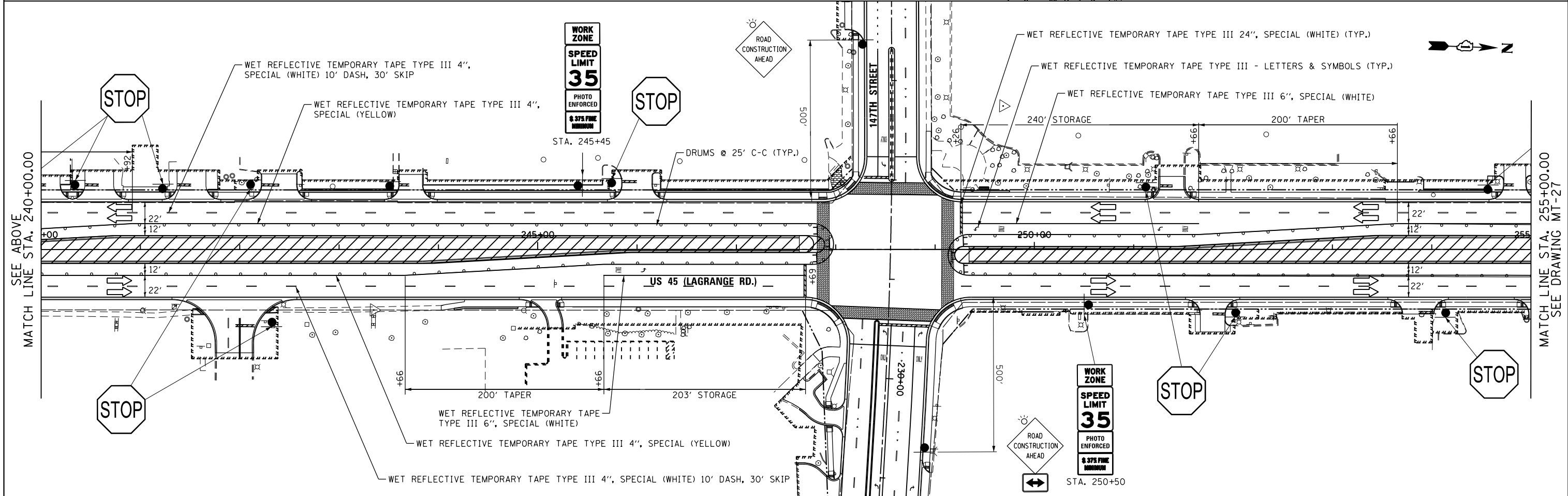
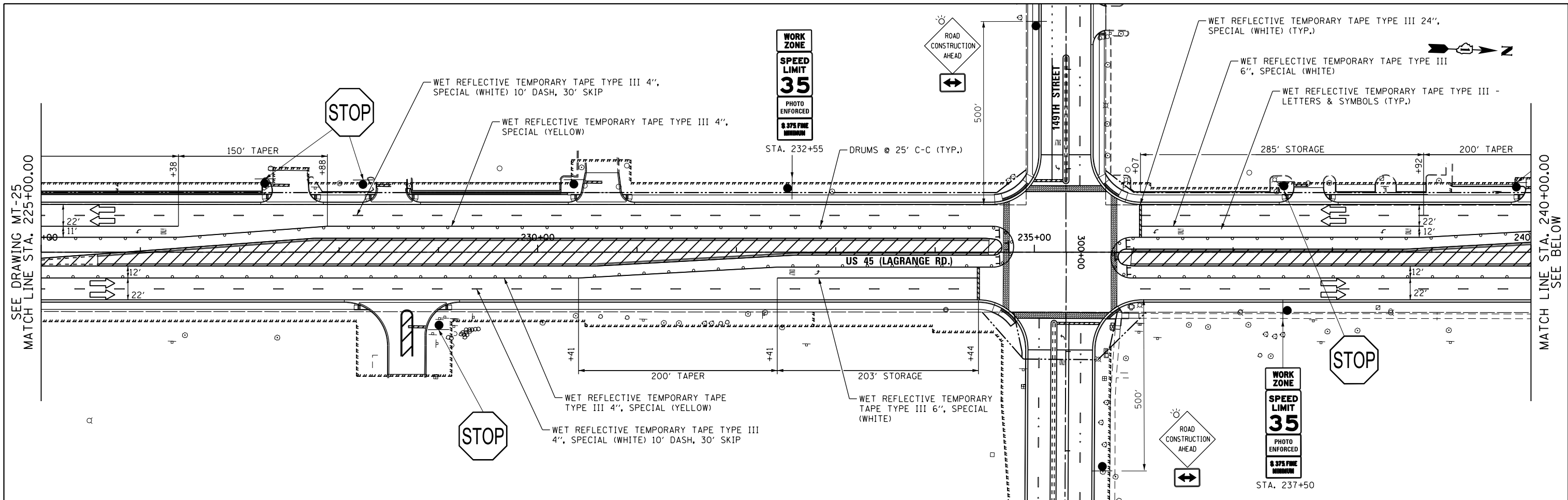
MAINTENANCE OF TRAFFIC STAGE 3 PLAN
US 45 (LAGRANGE ROAD)

SCALE: 1"=50' SHEET 4 OF 4 SHEETS STA. 255+00.00 TO STA. END

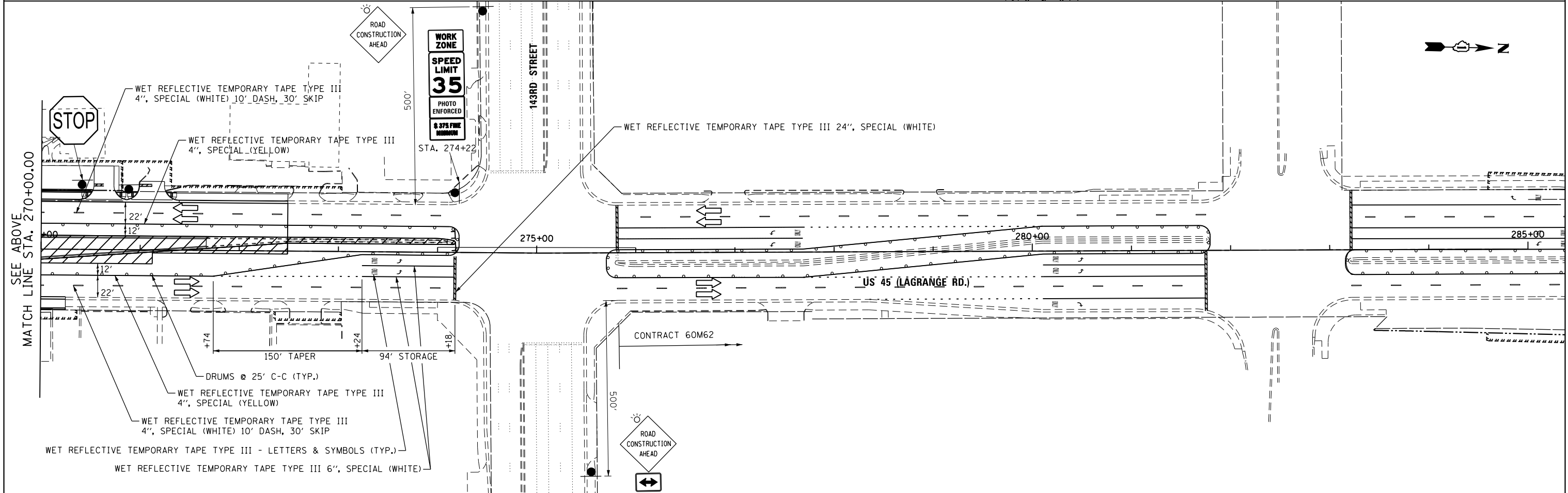
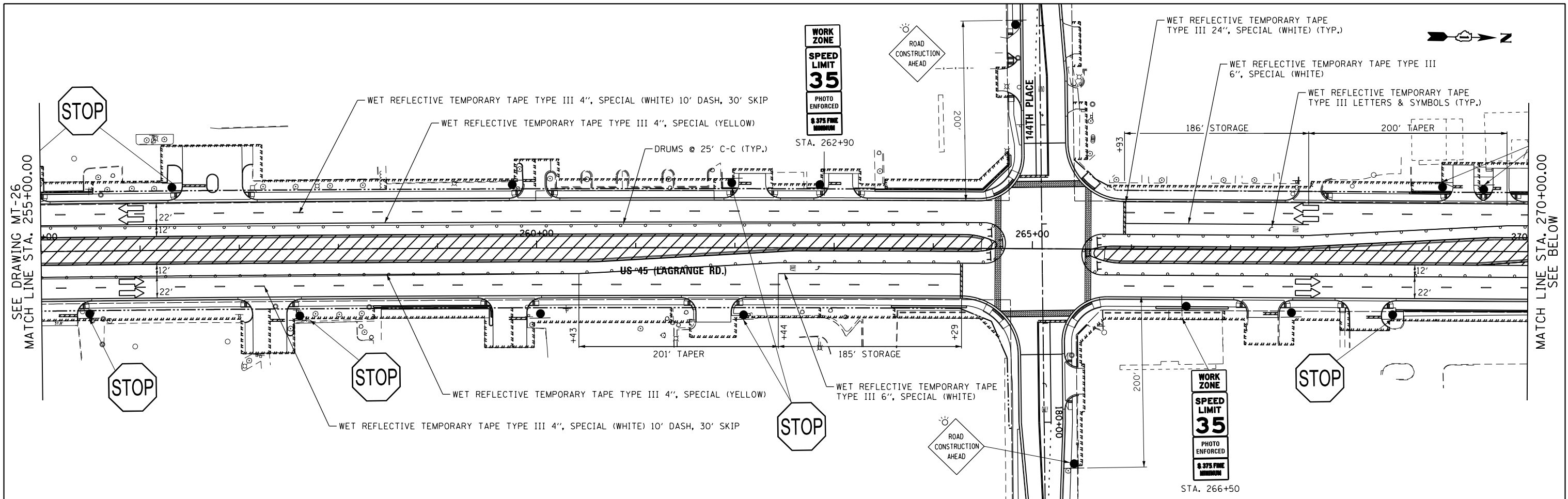
F.A.P RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
330	103R-4	COOK	877	111
MT-16		CONTRACT NO. 60M61		
ILLINOIS FED. AID PROJECT				



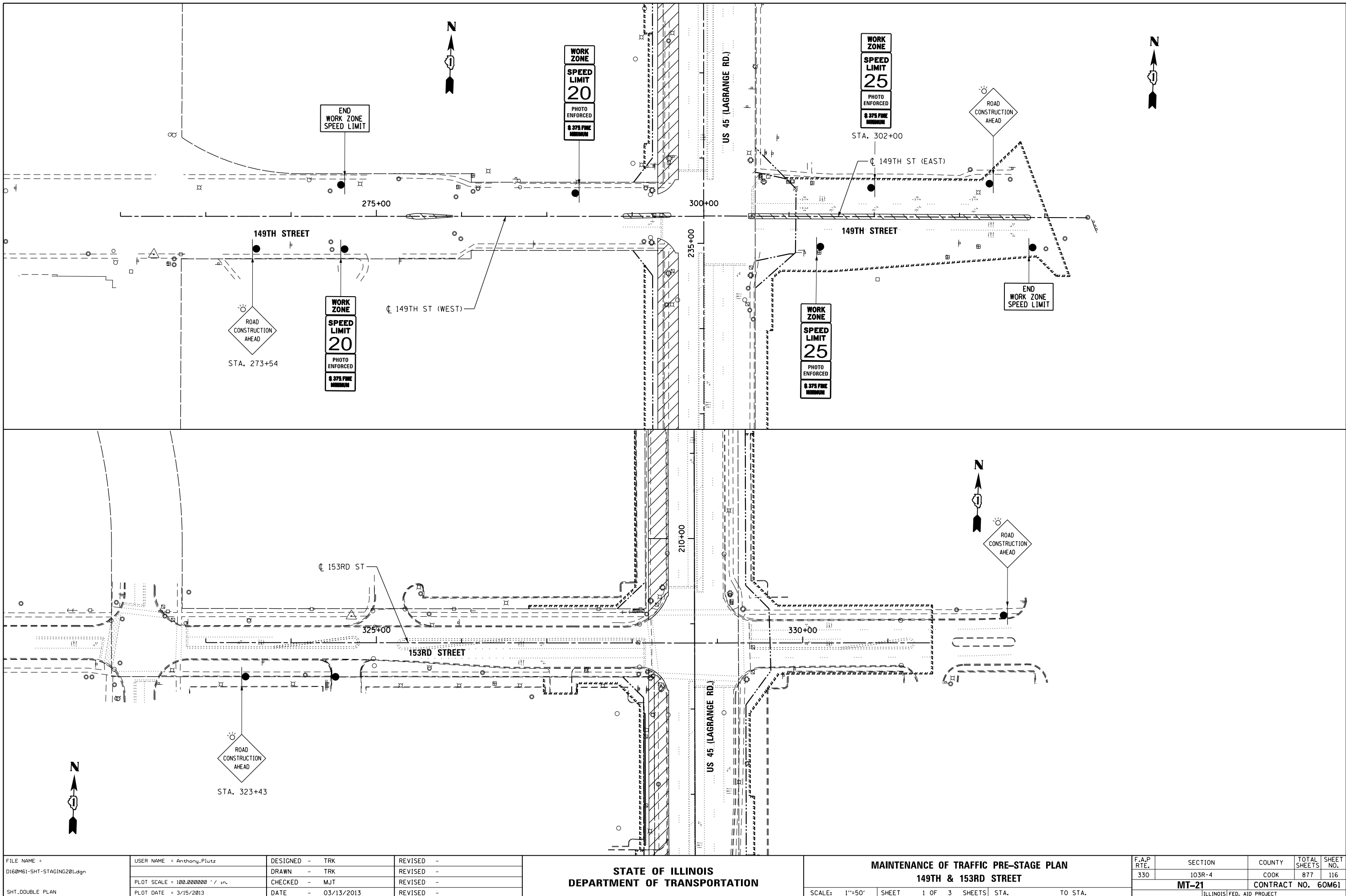
FILE NAME =	USER NAME = Anthony.Plutz	DESIGNED - YSK	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	MAINTENANCE OF TRAFFIC STAGE 4 PLAN US 45 (LAGRANGE ROAD)					F.A.P RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
D160M61-SHT-STAGING118.dgn		DRAWN - YSK	REVISED -							330	103R-4	COOK	877	113
	PLOT SCALE = 100.000000 ' / in.	CHECKED - MJT	REVISED -		SCALE: 1"=50' SHEET 2 OF 4 SHEETS STA. 195+00.00 TO STA. 225+00.00					MT-18 CONTRACT NO. 60M61 ILLINOIS FED. AID PROJECT				
SHT.DOUBLE PLAN	PLOT DATE = 3/15/2013	DATE - 03/13/2013	REVISED -											



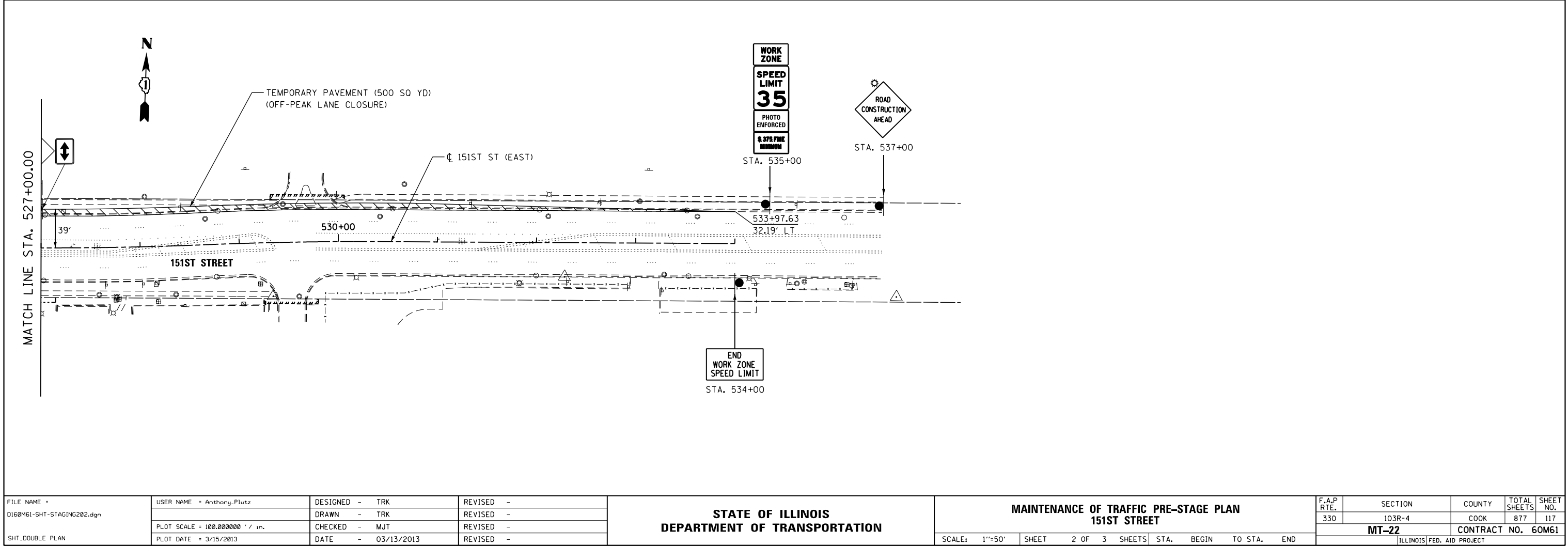
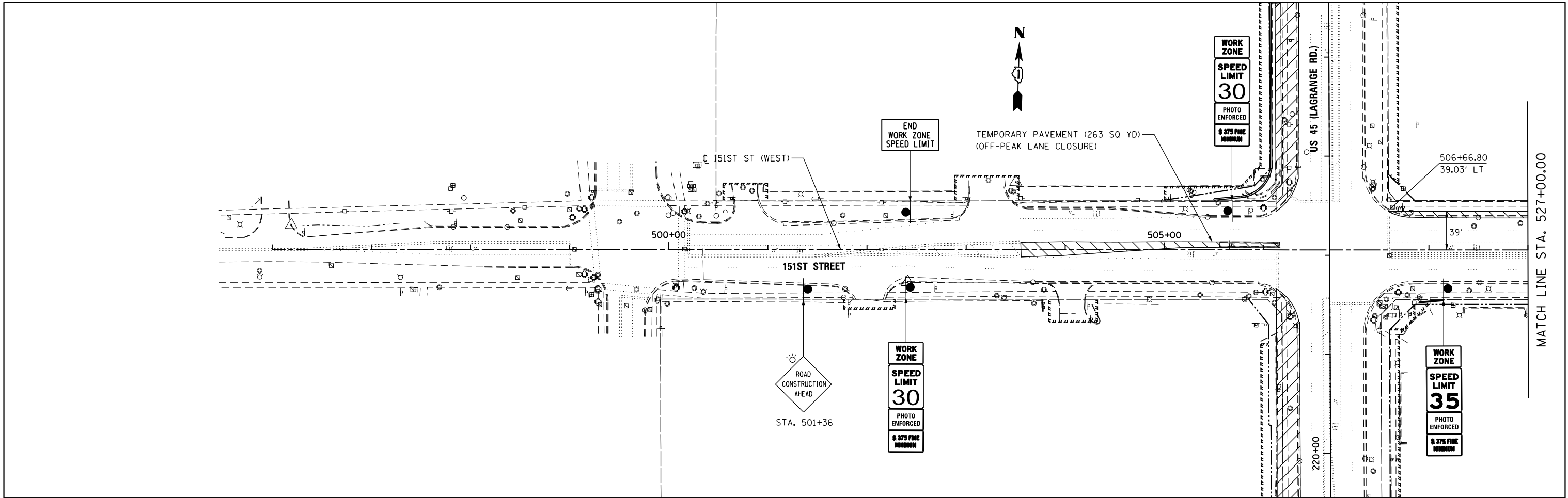
FILE NAME = D160M61-SHT-STAGING119.dgn SHT_DOUBLE PLAN	USER NAME = Anthony.Plutz	DESIGNED - YSK	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	MAINTENANCE OF TRAFFIC STAGE 4 PLAN US 45 (LAGRANGE ROAD)				F.A.P	SECTION	COUNTY	TOTAL	SHEET
		DRAWN - YSK	REVISED -						RTE.			SHEETS	NO.
	PLOT SCALE = 100.000000 ' / in.	CHECKED - MJT	REVISED -						330	103R-4	COOK	877	114
	PLOT DATE = 3/15/2013	DATE - 03/13/2013	REVISED -						MT-19 CONTRACT NO. 60M61				
					SCALE: 1"=50'	SHEET 3 OF 4 SHEETS	STA. 225+00.00 TO STA. 255+00.00	ILLINOIS FED. AID PROJECT					



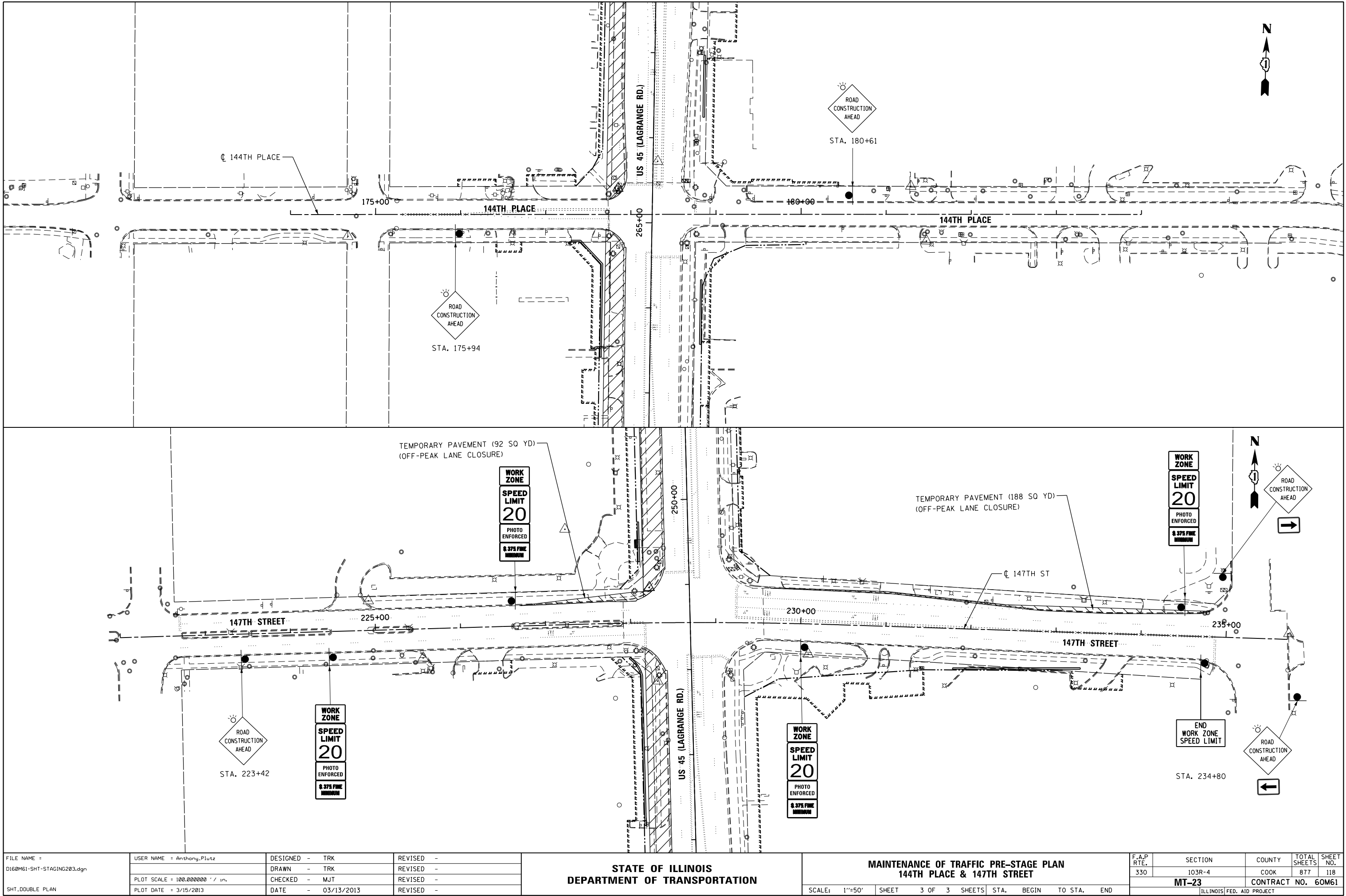
FILE NAME =	USER NAME = Anthony.Plutz	DESIGNED - YSK	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	MAINTENANCE OF TRAFFIC STAGE 4 PLAN US 45 (LAGRANGE ROAD)	F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
DI60M61-SHT-STAGING120.dgn		DRAWN - YSK	REVISED -			330	103R-4	COOK	877	115
	PLOT SCALE = 100.000000 ' / in.	CHECKED - MJT	REVISED -			MT-20		CONTRACT NO. 60M61		
SHT-DOUBLE PLAN	PLOT DATE = 3/15/2013	DATE - 03/13/2013	REVISED -			SCALE: 1"=50'	SHEET 4 OF 4 SHEETS	STA. 255+00.00 TO STA. END		
						ILLINOIS FED. AID PROJECT				



FILE NAME = D160M61-SHT-STAGING201.dgn SHT.DOUBLE PLAN	USER NAME = Anthony.Plutz	DESIGNED - TRK	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	MAINTENANCE OF TRAFFIC PRE-STAGE PLAN 149TH & 153RD STREET				F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.			
		DRAWN - TRK	REVISED -						330	103R-4	COOK	877	116			
	PLOT SCALE = 100.000000' / in.	CHECKED - MJT	REVISED -						MT-21					CONTRACT NO. 60M61		
	PLOT DATE = 3/15/2013	DATE - 03/13/2013	REVISED -						ILLINOIS FED. AID PROJECT							
					SCALE: 1"=50'	SHEET 1 OF 3 SHEETS	STA.	TO STA.								



FILE NAME =	USER NAME = Anthony.Plutz	DESIGNED - TRK	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	MAINTENANCE OF TRAFFIC PRE-STAGE PLAN 151ST STREET					F.A.P RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
D160M61-SHT-STAGING202.dgn		DRAWN - TRK	REVISED -							330	103R-4	COOK	877	117
	PLOT SCALE = 100.000000' / in.	CHECKED - MJT	REVISED -		MT-22					CONTRACT NO. 60M61				
SHT-DOUBLE PLAN	PLOT DATE = 3/15/2013	DATE - 03/13/2013	REVISED -											
				SCALE: 1"=50'	SHEET 2 OF 3 SHEETS	STA. BEGIN	TO STA. END	ILLINOIS FED. AID PROJECT						



FILE NAME =
D160M61-SHT-STAGING203.dgn
SHT.DOUBLE PLAN

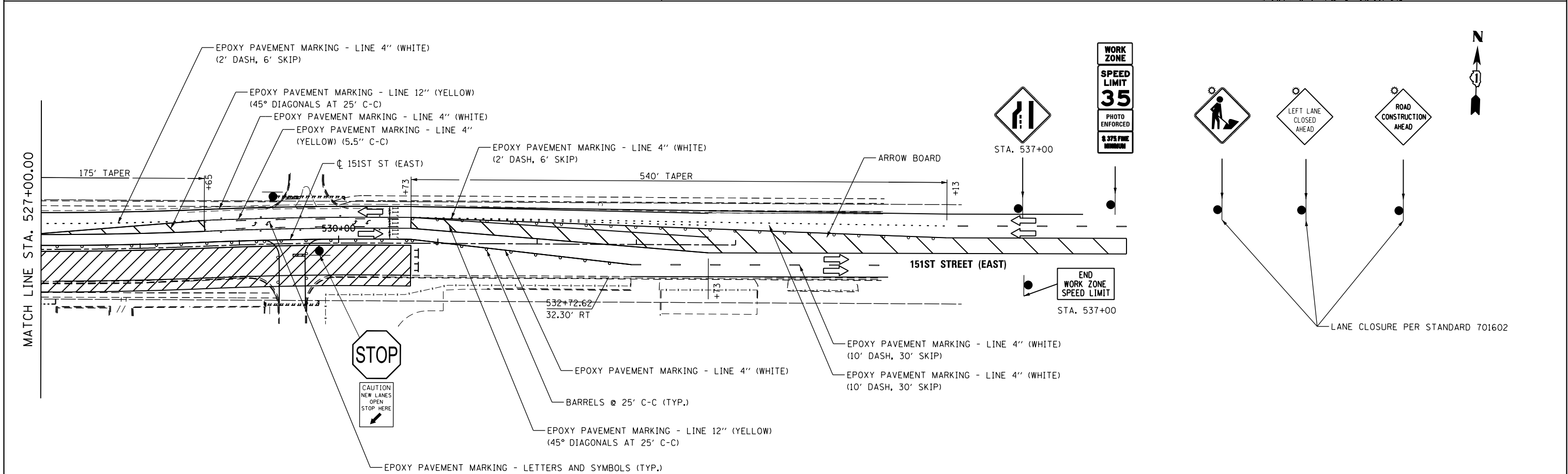
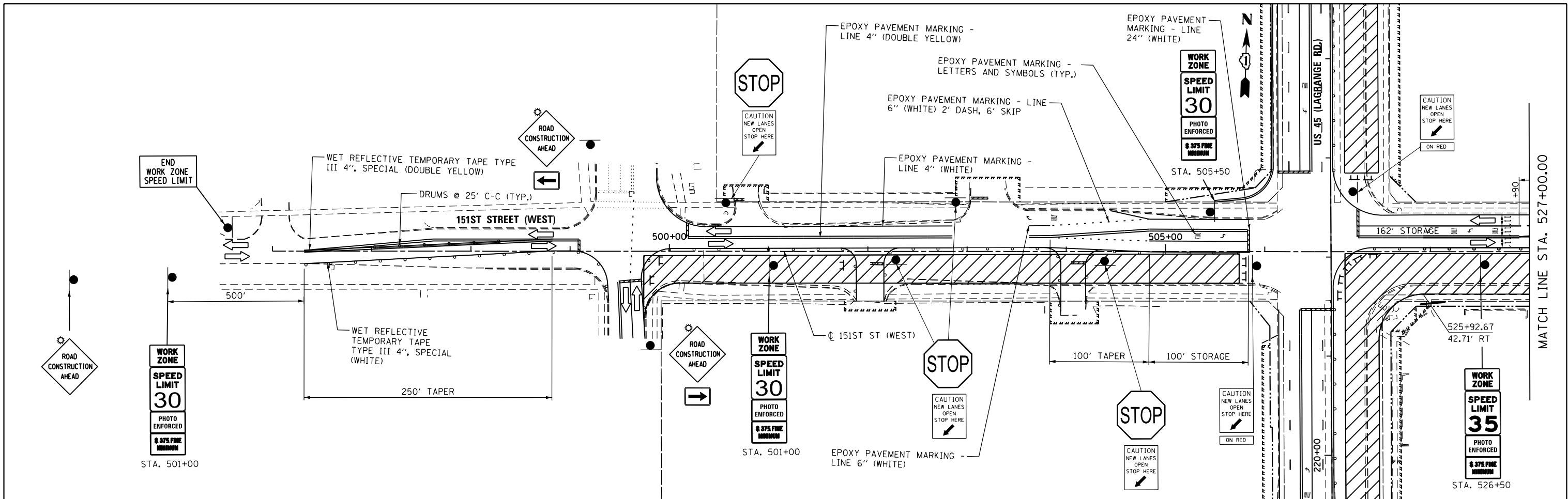
USER NAME = Anthony.Plutz	DESIGNED - TRK	REVISED -
	DRAWN - TRK	REVISED -
PLOT SCALE = 100.000000' / 1" IN.	CHECKED - MJT	REVISED -
PLOT DATE = 3/15/2013	DATE - 03/13/2013	REVISED -

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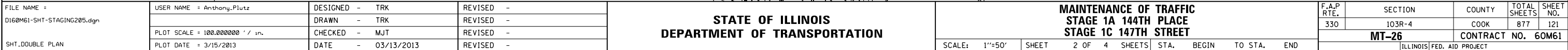
MAINTENANCE OF TRAFFIC PRE-STAGE PLAN
144TH PLACE & 147TH STREET

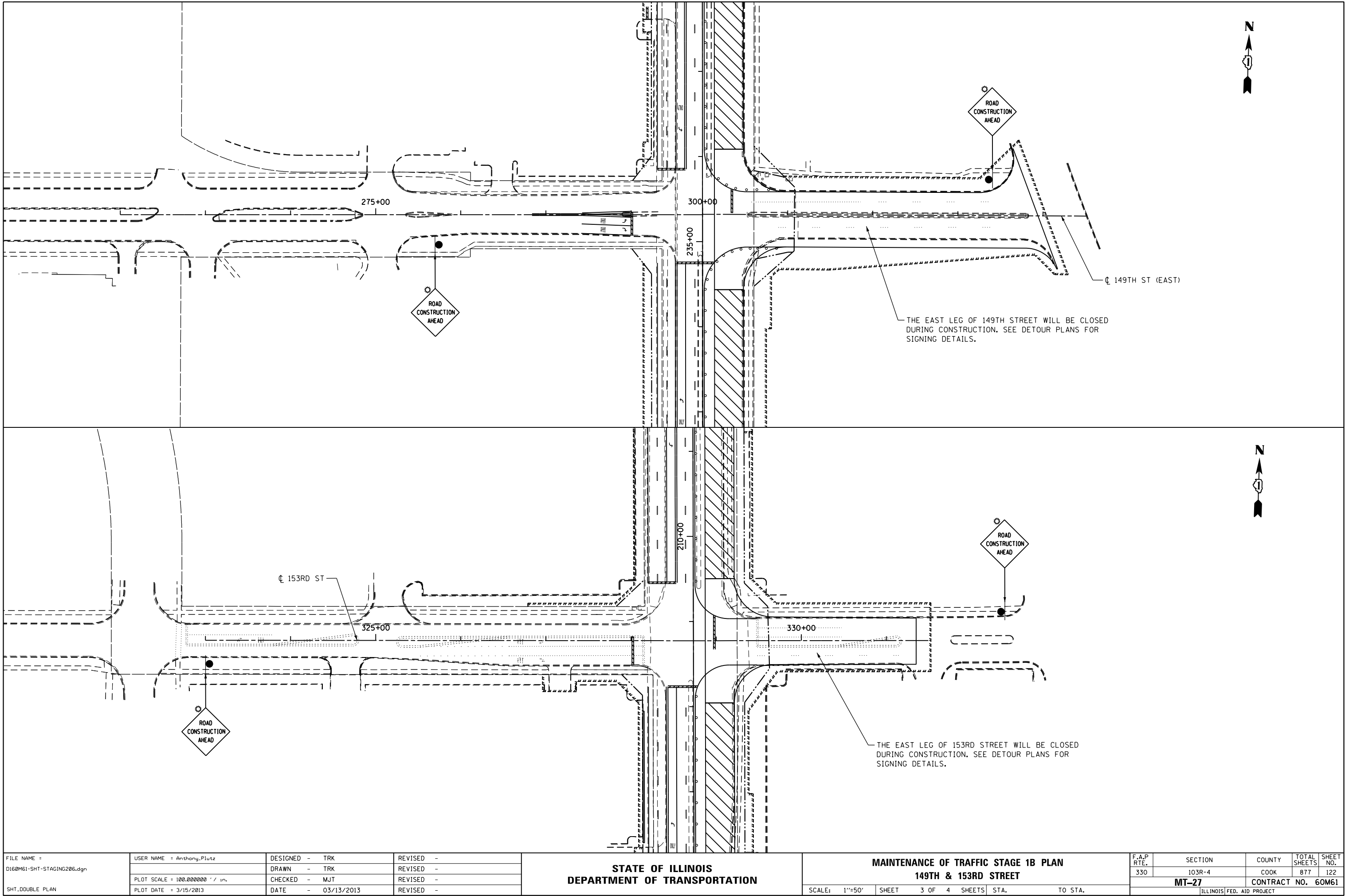
SCALE: 1"=50'	SHEET 3 OF 3 SHEETS	STA. BEGIN TO STA. END
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F.A.P RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
330	103R-4	COOK	877	118
MT-23		CONTRACT NO. 60M61		
ILLINOIS FED. AID PROJECT				

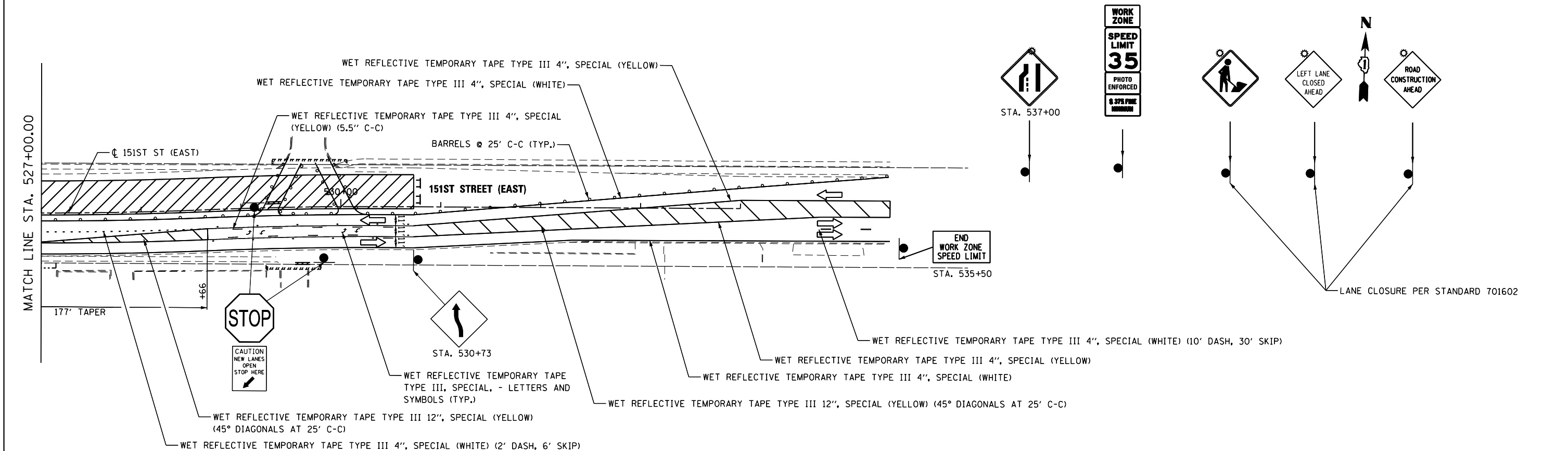
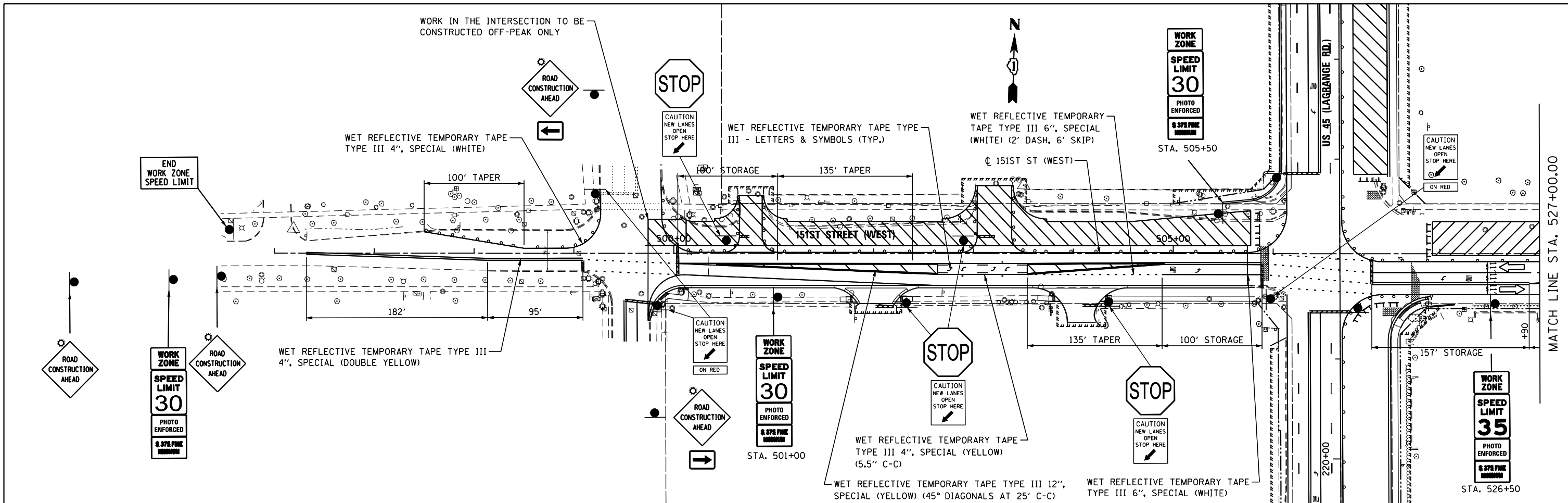


FILE NAME = D160M61-SHT-STAGING204.dgn SHT.DOUBLE PLAN	USER NAME = Anthony.Plutz	DESIGNED - TRK	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	MAINTENANCE OF TRAFFIC STAGE 1A PLAN 151ST STREET					F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
		DRAWN - TRK	REVISED -							330	103R-4	COOK	877	119
	PLOT SCALE = 100.000000' / in.	CHECKED - MJT	REVISED -							MT-24		CONTRACT NO. 60M61		
	PLOT DATE = 3/15/2013	DATE - 03/13/2013	REVISED -		SCALE: 1"=50'		SHEET 1 OF 4 SHEETS	STA. BEGIN TO STA. END	ILLINOIS FED. AID PROJECT					

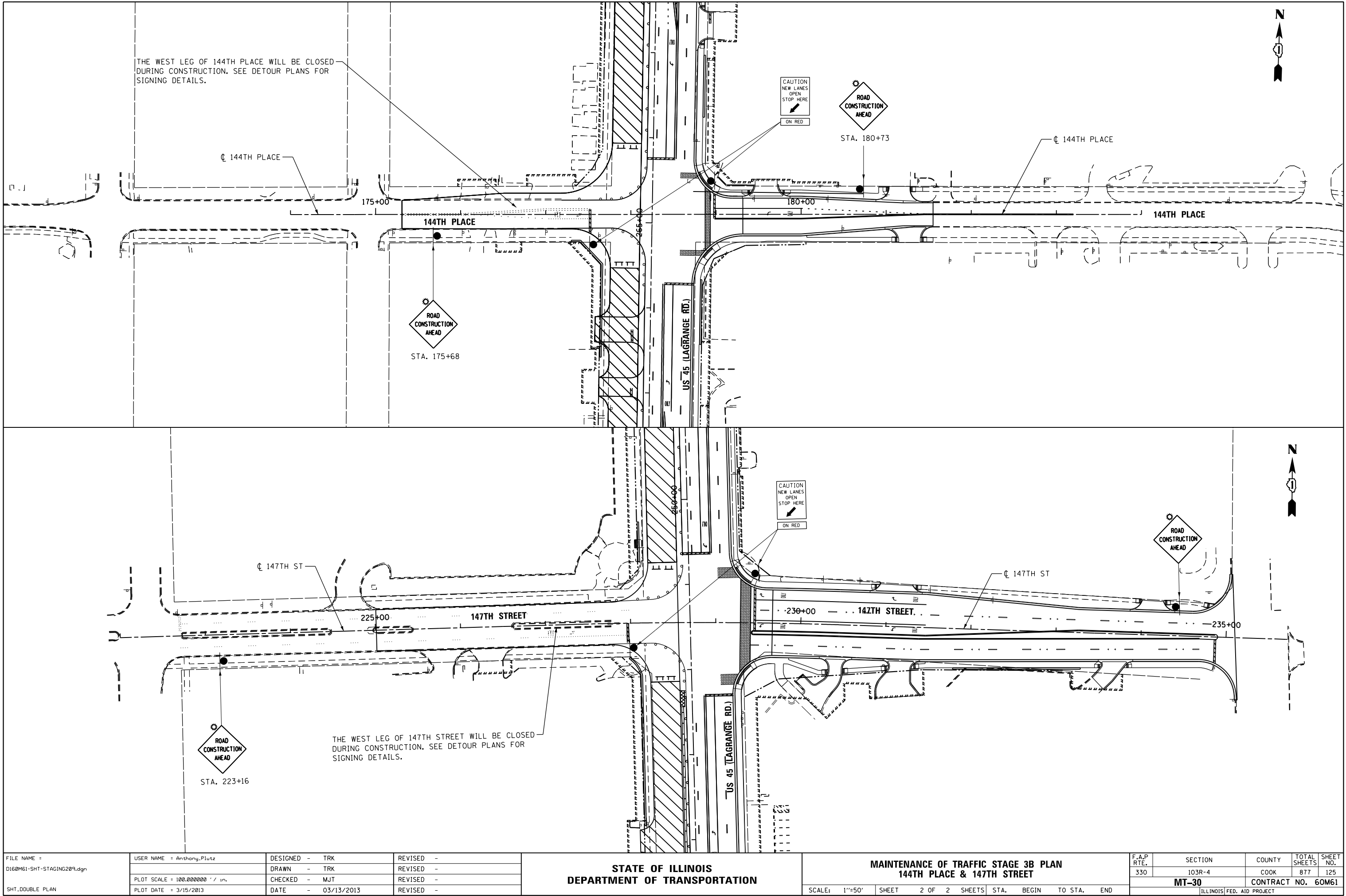




FILE NAME = D160M61-SHT-STAGING206.dgn SHT.DOUBLE PLAN	USER NAME = Anthony.Plutz PLOT SCALE = 100.000000 ' / in. PLOT DATE = 3/15/2013	DESIGNED - TRK	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	MAINTENANCE OF TRAFFIC STAGE 1B PLAN 149TH & 153RD STREET			F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
		DRAWN - TRK	REVISED -					330	103R-4	COOK	877	122
		CHECKED - MJT	REVISED -		MT-27			CONTRACT NO. 60M61				
		DATE - 03/13/2013	REVISED -		SCALE: 1"=50'	SHEET 3 OF 4	SHEETS TO STA.	ILLINOIS FED. AID PROJECT				



FILE NAME = D160M61-SHT-STAGING207.dgn	USER NAME = Anthony.Plutz	DESIGNED - TRK	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	MAINTENANCE OF TRAFFIC STAGE 1B PLAN 151ST STREET		F.A.P RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
PLOT SCALE = 100.000000' / 1" =	CHECKED - MJT	DRAWN - TRK	REVISED -				330	103R-4	COOK	877	123
PLOT DATE = 3/15/2013	DATE - 03/13/2013	REVIS	REVISED -		SCALE: 1"=50'		SHEET 4 OF 4 SHEETS		CONTRACT NO. 60M61		
SHT.DOUBLE PLAN					STA. BEGIN TO STA. END		ILLINOIS FED. AID PROJECT				



FILE NAME =
D160M61-SHT-STAGING210.dgn
SHT_DOUBLE PLAN

USER NAME = Frank.Stallone
PLOT SCALE = 100.000000' / 1 in.
PLOT DATE = 3/15/2013

DESIGNED - TRK
DRAWN - TRK
CHECKED - MJT
DATE - 03/13/2013

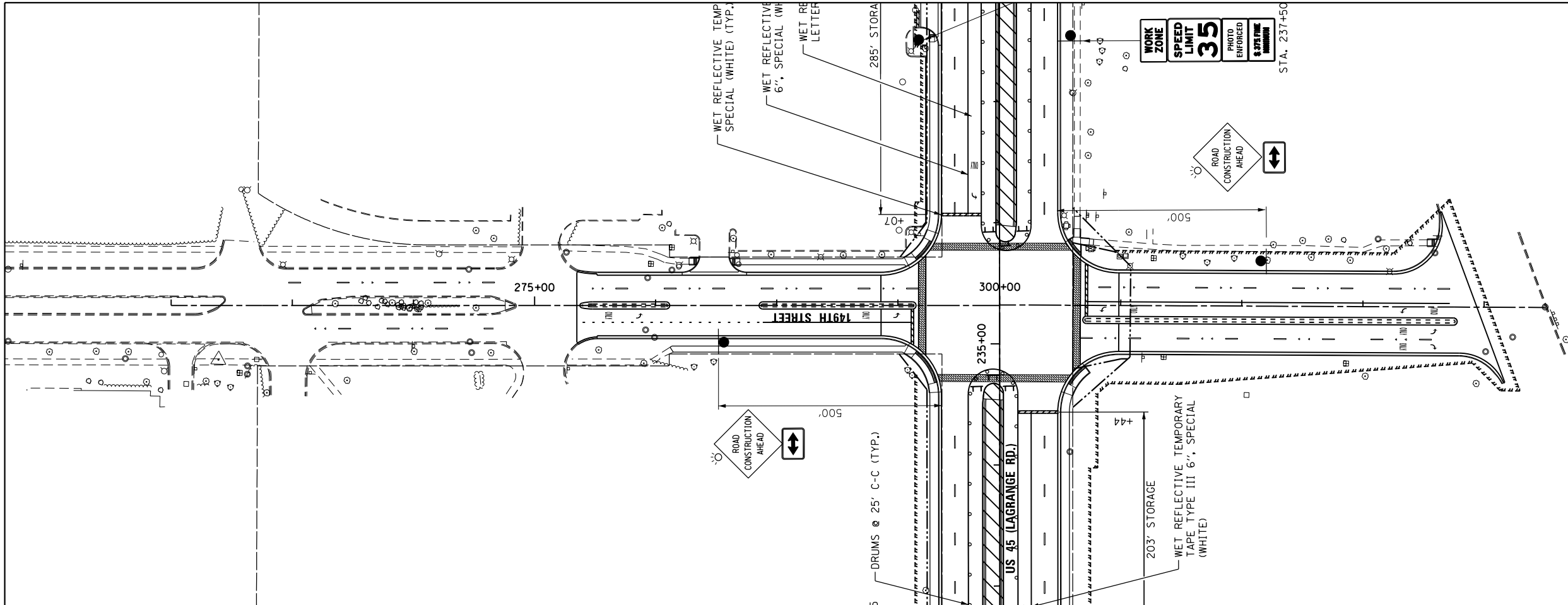
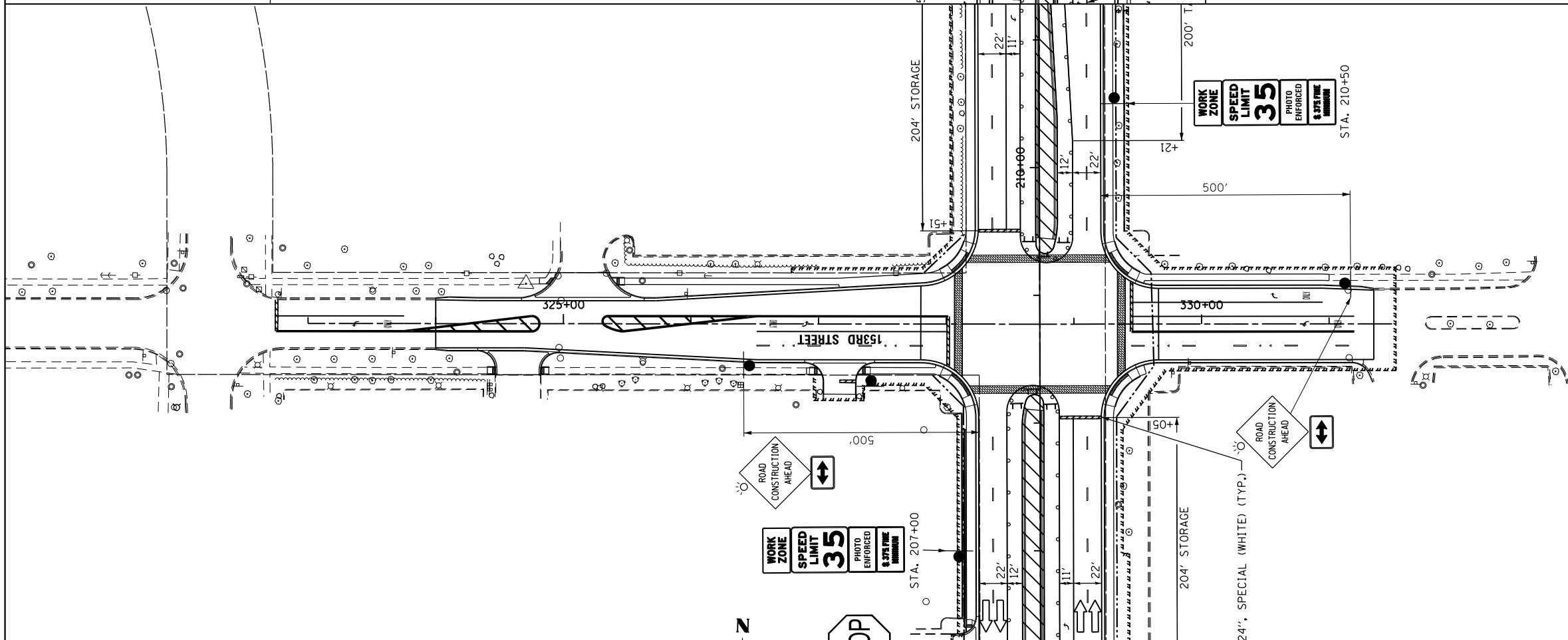
REVISED -
REVISED -
REVISED -
REVISED -

STATE OF ILLINOIS
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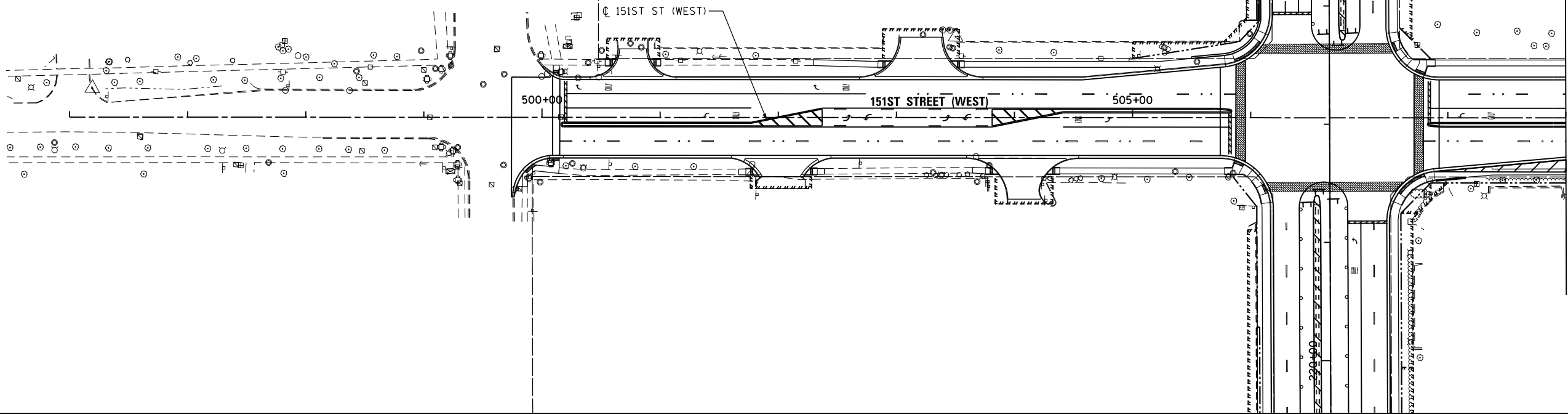
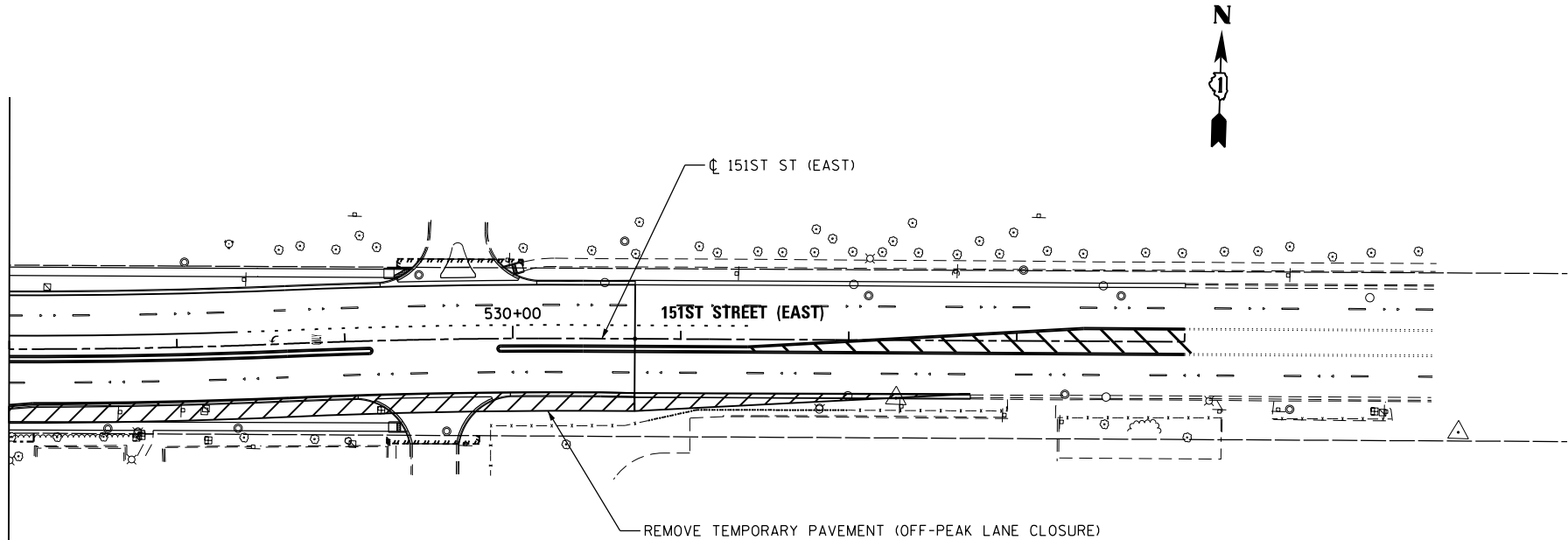
MAINTENANCE OF TRAFFIC STAGE 4C PLAN
149TH & 153RD STREET

SCALE: 1"=50' SHEET 1 OF 3 SHEETS STA. TO STA.

F.A.P RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
330	103R-4	COOK	877	125A
MT-30		CONTRACT NO. 60M61		
ILLINOIS		FED. AID PROJECT		



MATCH LINE STA. 527+00.00



FILE NAME =
D160M61-SHT-STAGING211.dgn

USER NAME = Frank.Stallone
PLOT SCALE = 100.000000' / 1" = 100.000000'
PLOT DATE = 3/15/2013

DESIGNED - TRK
DRAWN - TRK
CHECKED - MJT
DATE - 03/13/2013

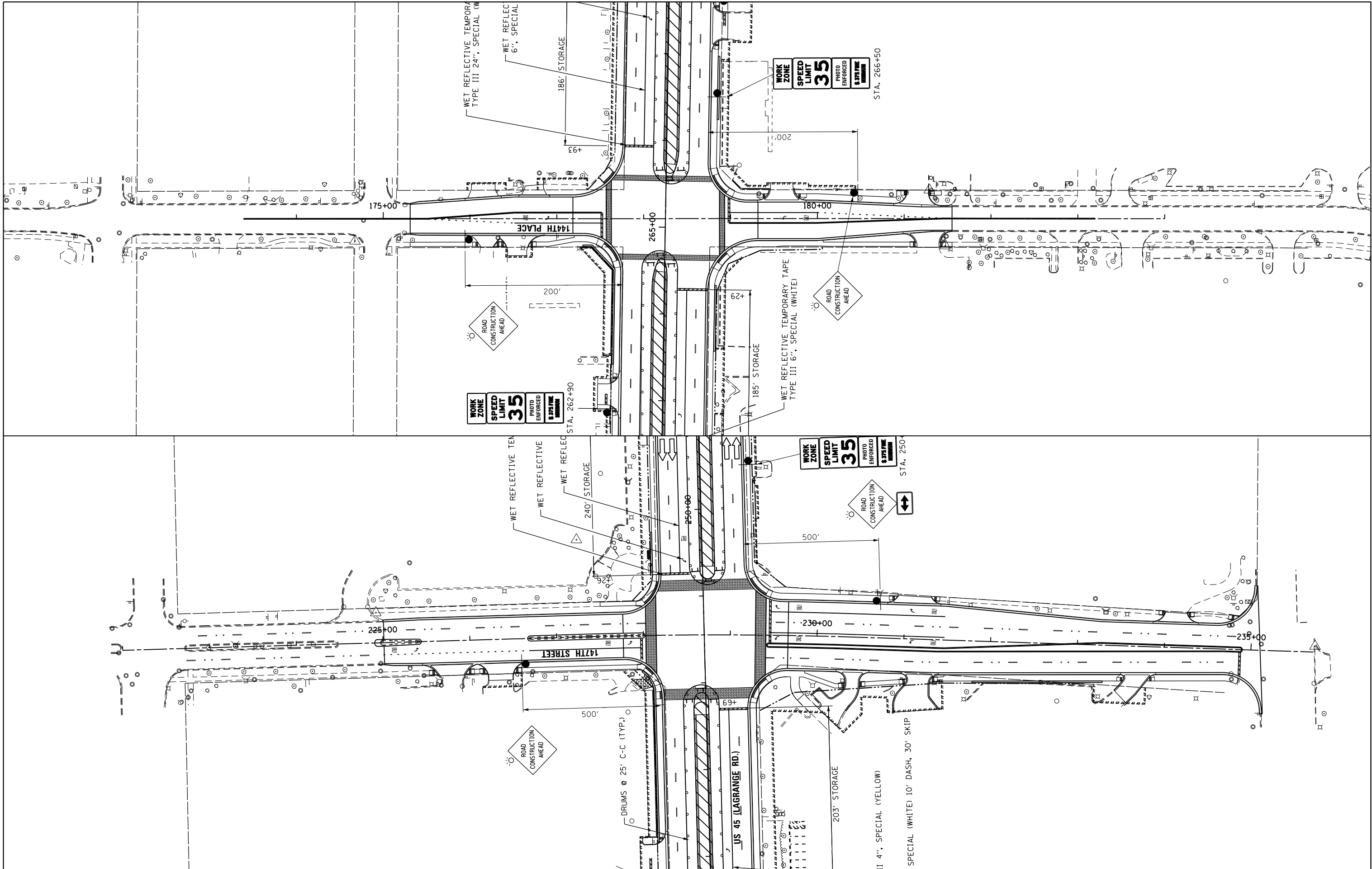
REVISED -
REVISED -
REVISED -
REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

MAINTENANCE OF TRAFFIC STAGE 4C PLAN
151ST STREET

SCALE: 1"=50' SHEET 2 OF 3 SHEETS STA. BEGIN TO STA. END

F.A.P RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
330	103R-4	COOK	877	125B
MT-31		CONTRACT NO. 60M61		
		ILLINOIS	FED. AID	PROJECT



FILE NAME = D160M61-SHT-STAGING212.dgn SHT-DOUBLE PLAN	USER NAME = Frank.Stallone	DESIGNED - TRK	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	MAINTENANCE OF TRAFFIC STAGE 4C PLAN 144TH PLACE & 147TH STREET				F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
		DRAWN - TRK	REVISED -						330	103R-4	COOK	877	125C
	PLOT SCALE = 100.000000 ' / in.	CHECKED - MJT	REVISED -						MT-32		CONTRACT NO. 60M61		
	PLOT DATE = 3/15/2013	DATE - 03/13/2013	REVISED -						ILLINOIS FED. AID PROJECT				
					SCALE: 1"=50'	SHEET 3 OF 3 SHEETS	STA. BEGIN	TO STA. END					

GENERAL NOTES

1. INSTALL PERIMETER EROSION BARRIER PRIOR TO THE START OF CONSTRUCTION.
2. INSTALL EROSION AND SEDIMENT CONTROL MEASURES AS SOON AS CONSTRUCTION ACTIVITIES PERMIT.
3. FINISH GRADE AND PLACE FINAL SEEDING AND/OR SODDING IN AREAS THAT WILL NOT BE DISTURBED AGIAN FOR THE DURATION OF THE PROJECT. ANY DAMAGE TO THIS AREA DUE TO CONSTRUCTION WILL BE RESTORED AT THE CONTRACTOR'S EXPENSE.
4. ANY AREAS THAT WILL BE UNDISTURBED FOR MORE THAN 14 DAYS SHALL BE SEEDED AND MULCHED WITHIN 7 DAYS.
5. TEMPORARY EROSION CONTROL SEEDING WILL BE PLACED ON ALL ERODIBLE EARTH AREAS AS DIRECTED BY THE ENGINEER AS PER THE SPECIFICATIONS.
6. TEMPORARY MULCH WILL MEET REQUIREMENTS OF AND BE PAID FOR AS "MULCH, METHOD 3A" OR "HEAVY DUTY EROSION CONTROL BLANKET".
7. 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.
8. PERIMETER EROSION BARRIER SHALL BE PLACED AT CURB CUTS FOLLOWING THE CONSTRUCTION OF THE ROADWAY.
9. DISTURBED AREAS SHALL BE MINIMIZED TO PREVENT EROSION AND SEDIMENTATION OF THE SITE.
10. ALL EROSION CONTROL ITEMS SHALL BE MAINTAINED UNTIL CONSTRUCTION HAS BEEN COMPLETED UNLESS OTHERWISE DIRECTED BY THE ENGINEER.
11. 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.
12. EROSION CONTROL MEASURES SHALL BE MAINTAINED. DAMAGED ITEMS SHALL BE REPLACED IMMEDIATELY AT NO ADDITIONAL COST TO THE OWNER.
13. 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.
14. CONCRETE WASHOUT REQUIREMENTS ARE A CONTRACTOR-REQUIRED SUBMITTAL.
15. ANY DEWATERING OF THE CONSTRUCTION AREA SHALL BE FILTERED THROUGH A DEWATERING BASIN PRIOR TO ENTERING RECEIVING WATERS.
16. ANY DEWATERING SHALL BE ACCORDING TO ILLINOIS URBAN MANUAL, PRACTICE STANDARDS, DEWTATERING CODE 813.
17. 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

1. 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.
2. 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.
3. THE ISWP SHOULD BE MADE AVAILABLE AT THE EROSION AND SEDIMENT CONTROL (ESC) PRE-CONSTRUCTION FIELD MEETING.
4. THE ISWP MUST BE APPROVED BY THE RESIDENT ENGINEER PRIOR TO THE COMMENCEMENT OF IN-STREAM WORK.
5. 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.
6. 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.
7. THE ISWP, INSTALLATION AND MAINTENANCE OF BEST MANAGEMENT PRACTICES (BMPs) SPECIFIED IN THE ISWP ARE NOT MEASURED FOR PAYMENT.
8. THE NPDES/ESC DEFICIENCY DEDUCTION APPLIES TO THE ISW AREA.
9. 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:

1. CONTRACTOR MUST MULCH ALL AREAS DISTURBED AS A RESULT OF TEMPORARY PAVEMENT PLACEMENT IN PRE-STAGE.
2. 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:

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.
2. PERIMETER EROSION BARRIER WILL BE PLACED ALONG THE PERIMETER OF THE AREA TO BE CLEARED AND GRADED BEFORE ANY CLEARING OR GRADING TAKES PLACE.
3. 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:

1. MAINTAIN PERIMETER EROSION BARRIER WHICH WERE INSTALLED DURING PRE-STAGE AND STAGE 1.

NOTES - STAGE 3:

1. 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.
2. 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.
3. PERIMETER EROSION BARRIER WILL BE PLACED ALONG THE PERIMETER OF THE AREA TO BE CLEARED AND GRADED BEFORE ANY CLEARING OR GRADING TAKES PLACE.
4. PRE-STAGE EROSION CONTROL MEASURES SHALL BE UTILIZED DURING STAGE 3 WHENEVER IS POSSIBLE. MAINTAIN EROSION CONTROL ITEMS UNTIL COMPLETION OF CONSTRUCTION.
5. FINAL LANDSCAPING RESTORATION AT COMPLETED ROADWAY SECTION SHALL BE IMPLEMENTED UPON COMPLETION OF STAGE 3 SECTION CONSTRUCTION. SEE LANDSCAPING PLAN FOR FINAL RESTORATION.
6. 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:

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

NOTES- SIDE STREET STAGE C:

1. MAINTAIN PERIMETER EROSION BARRIER INSTALLED IN STAGES A AND B.
2. ANY AREAS THAT WILL BE UNDISTURBED FOR MORE THAN 14 DAYS SHALL BE SEEDED AND MULCHED WITHIN 7 DAYS.
3. SEE LANDSCAPING PLAN FOR FINAL RESTORATION. FINAL RESTORATION OF THE EROSION AND SEDIMENTATION CONTROL AREAS SHALL BE COMPLETED UPON COMPLETION OF SIDE ROAD CONSTRUCTION.

NOTES SIDE STREET STAGE D:

1. MAINTAIN PERIMETER EROSION BARRIER FROM STAGE B AND/OR C FOR TEMPORARY PAVEMENT REMOVAL.
2. SEE LANDSCAPING PLAN FOR FINAL RESTORATION. FINAL RESTORATION OF THE EROSION AND SEDIMENTATION CONTROL AREAS SHALL BE COMPLETED UPON COMPLETION OF SIDE ROAD CONSTRUCTION.

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

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		DRAWN - M.P.	REVISED -
	PLOT SCALE = 100.000000' / 1 in.	CHECKED - W.H.I.	REVISED -
	PLOT DATE = 3/15/2013	DATE - 03/13/2013	REVISED -

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
330	103R-4	COOK	877	126
ER-01		CONTRACT NO. 60M61		
ILLINOIS		FED. AID PROJECT		

FILE NAME =
 D160M61-SHT-ER0502.dgn

USER NAME = Frank.Stallone
 PLOT SCALE = 100.000000' / 1" = 100'
 PLOT DATE = 3/15/2013

DESIGNED - L.N.
 DRAWN - W.H.I.
 CHECKED - M.P.
 DATE - 03/13/2013

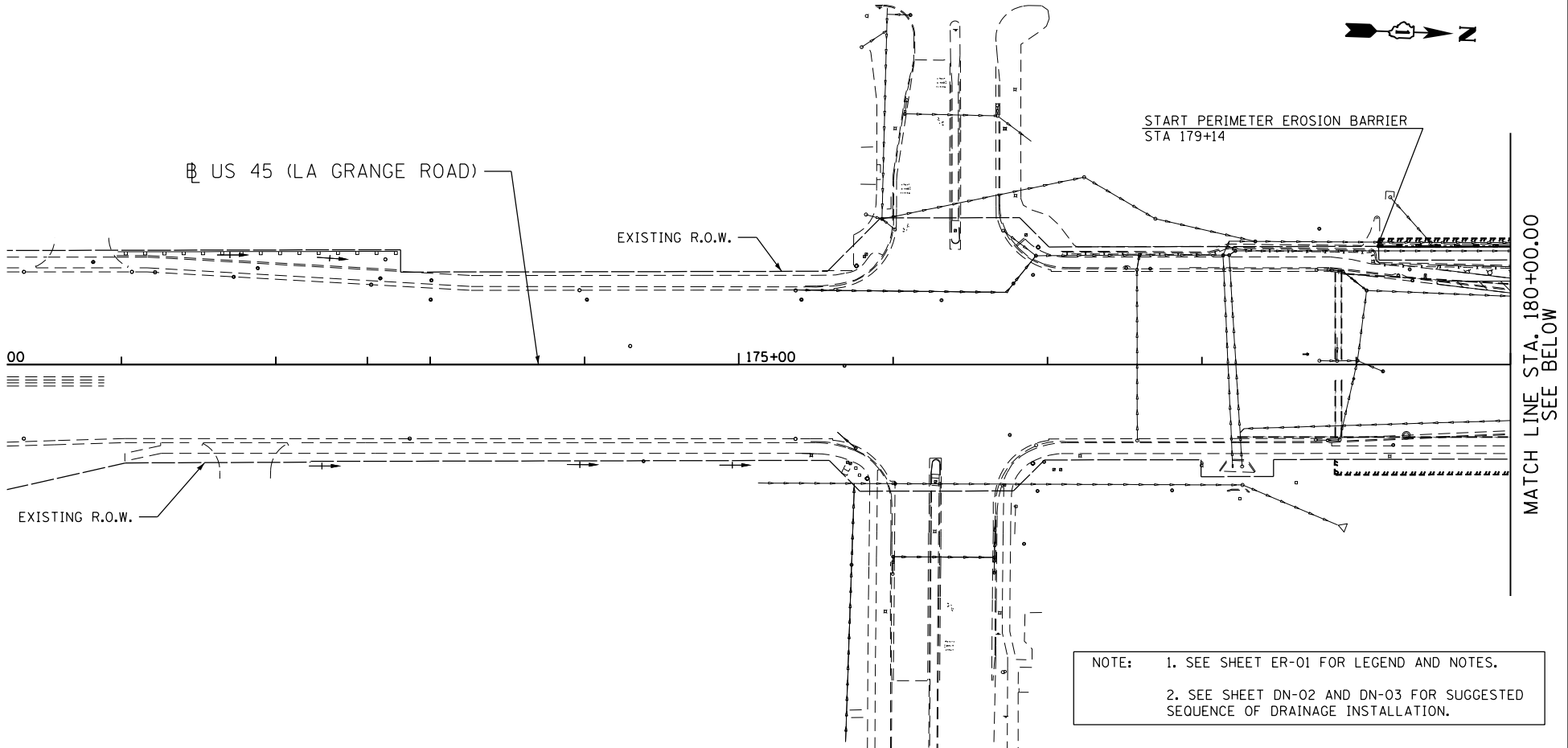
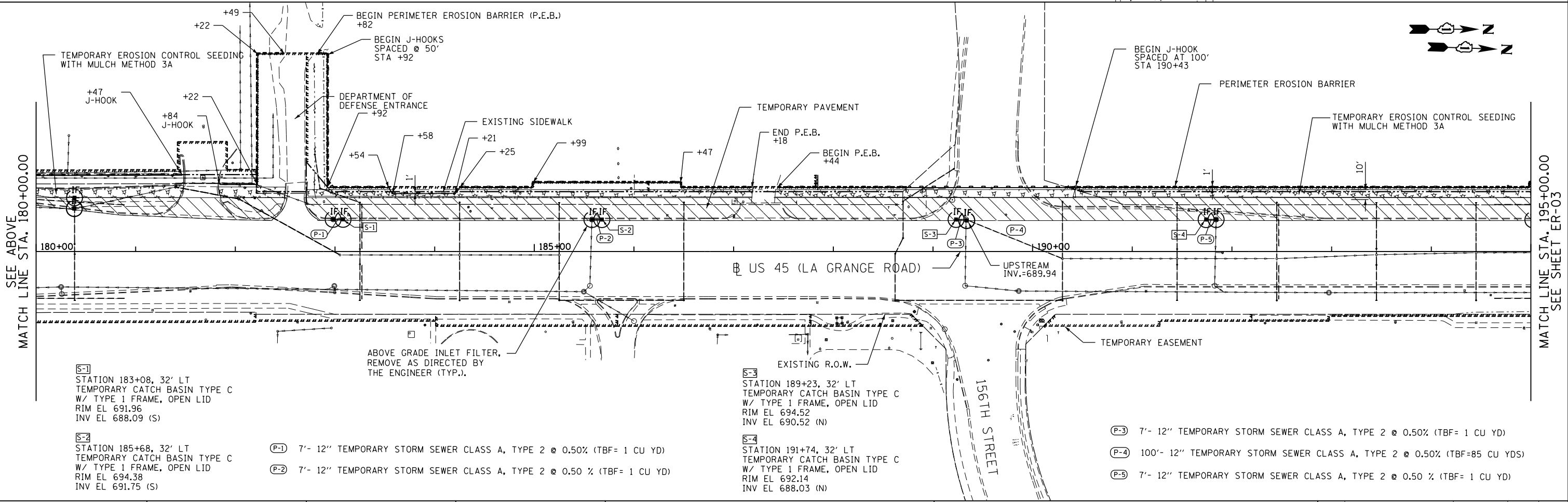
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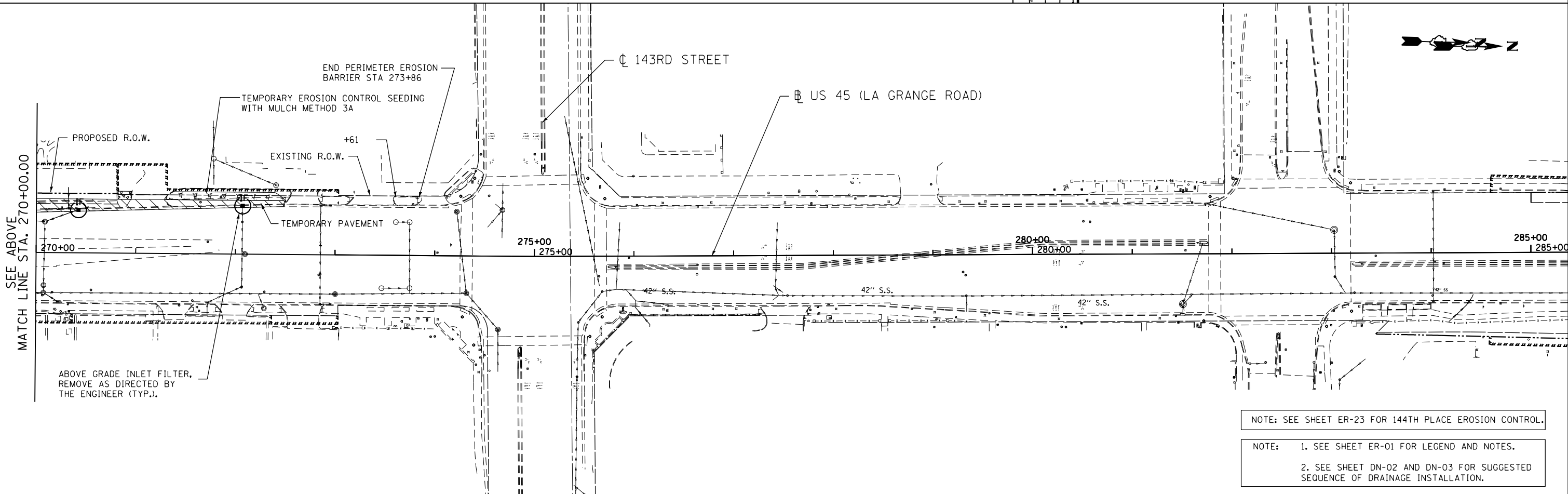
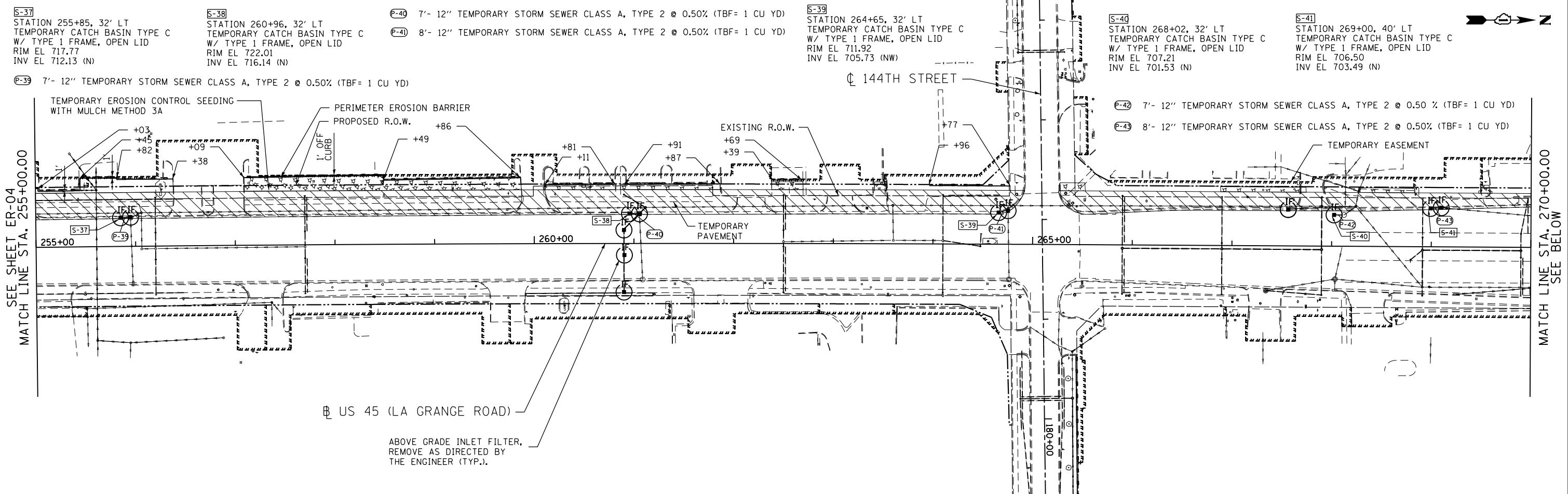
STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

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

SCALE: 1"=50' SHEET NO. 1 OF 4 SHEETS STA. BEGIN TO STA. 195+00.00

F.A.P RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
330	103R-4	COOK	877	127
ER-02		CONTRACT NO. 60M61		
ILLINOIS		FED. AID PROJECT		





NOTE: SEE SHEET ER-23 FOR 144TH PLACE EROSION CONTROL.

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

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

FILE NAME =	USER NAME = Frank.Stallone	DESIGNED - L.N.	REVISED -
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	PLOT DATE = 3/15/2013	DATE - 03/13/2013	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

EROSION AND SEDIMENT CONTROL PLAN
US 45 (LAGRANGE ROAD) – MIDDLE CONTRACT – PRE-STAGE

SCALE: 1"=50' SHEET NO. 4 OF 4 SHEETS STA. 255+00.00 TO STA. END

F.A.P RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
330	103R-4	COOK	877	130
ER-05		CONTRACT NO. 60M61		
ILLINOIS FED. AID PROJECT				

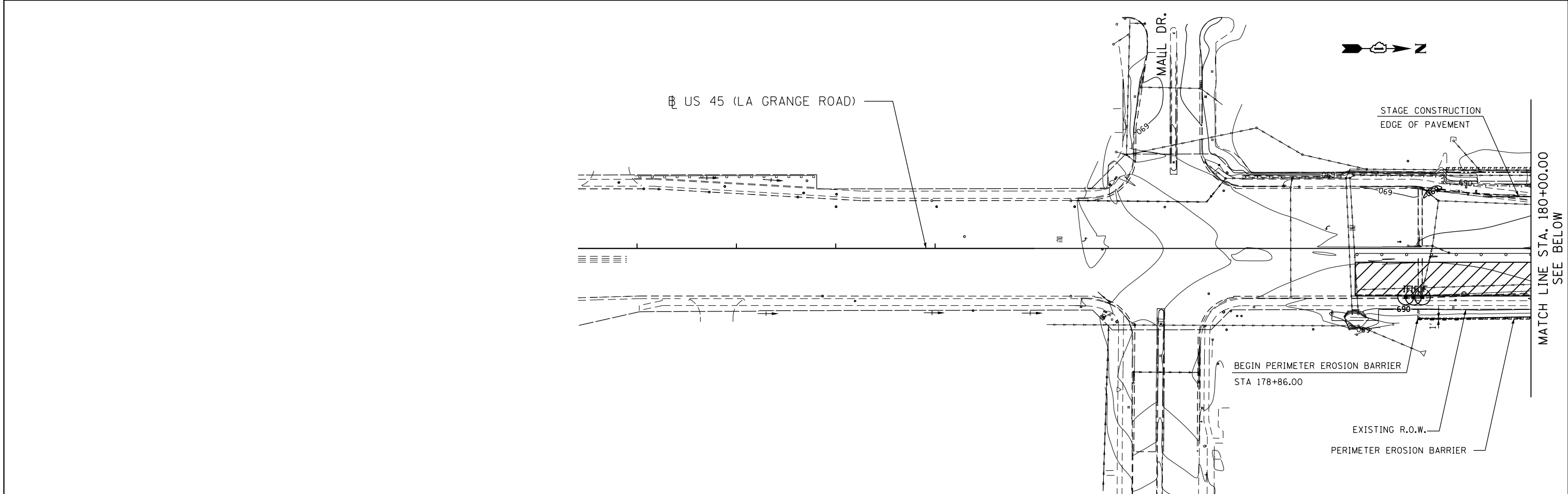
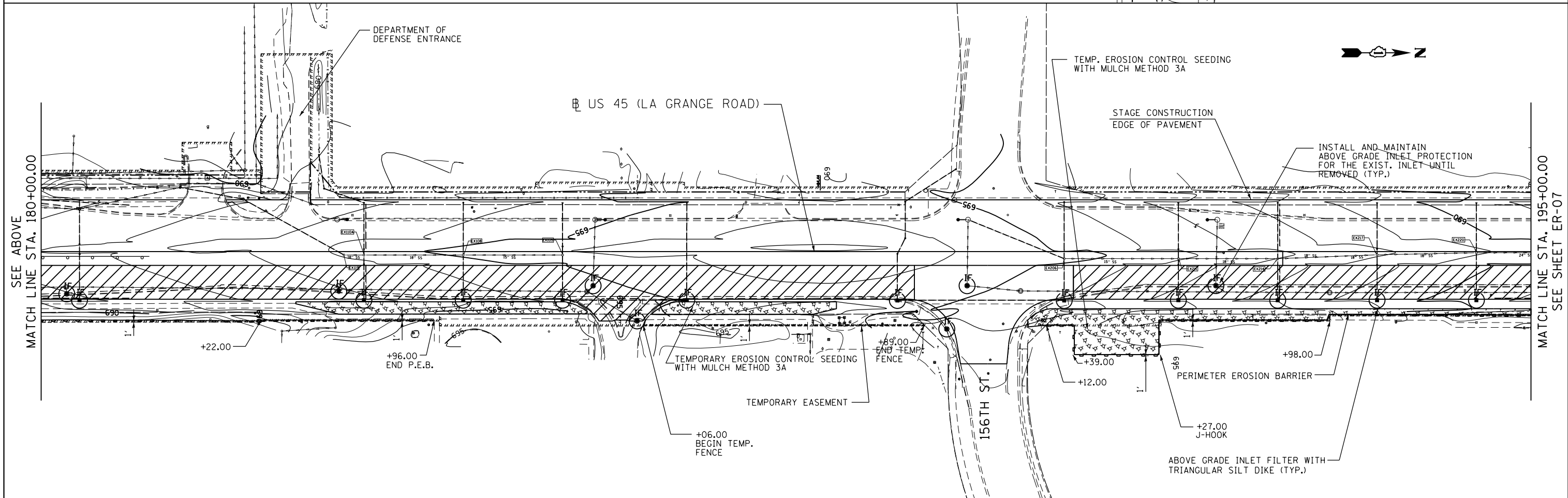
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	PLOT DATE = 3/15/2013	DATE - 03/13/2013	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

EROSION AND SEDIMENT CONTROL PLAN
US 45 (LAGRANGE ROAD) – MIDDLE CONTRACT – STAGE 1

SCALE: 1"=50' SHEET NO. 1 OF 4 SHEETS STA. BEGIN TO STA. 195+00.00

F.A.P RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
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ER-06		CONTRACT NO. 60M61		
ILLINOIS		FED. AID PROJECT		



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USER NAME = Frank.Stallone
PLOT SCALE = 100.000000' / 1" = 100'
PLOT DATE = 3/15/2013

DESIGNED - L.N.
DRAWN - M.P.
CHECKED - W.H.I.
DATE - 03/13/2013

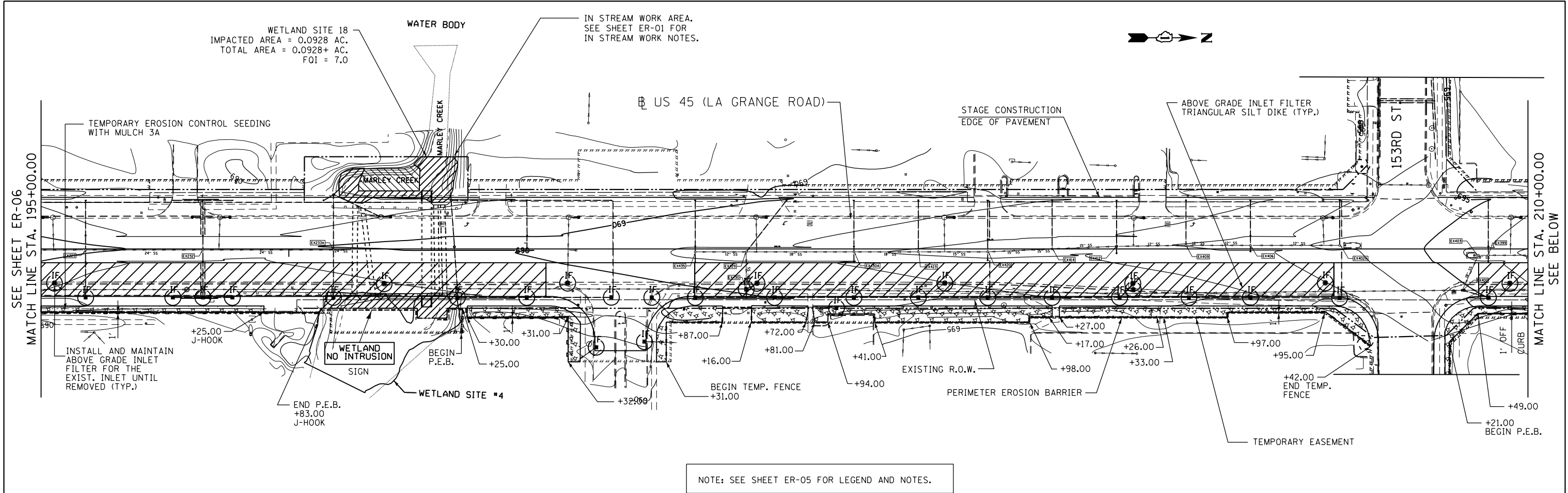
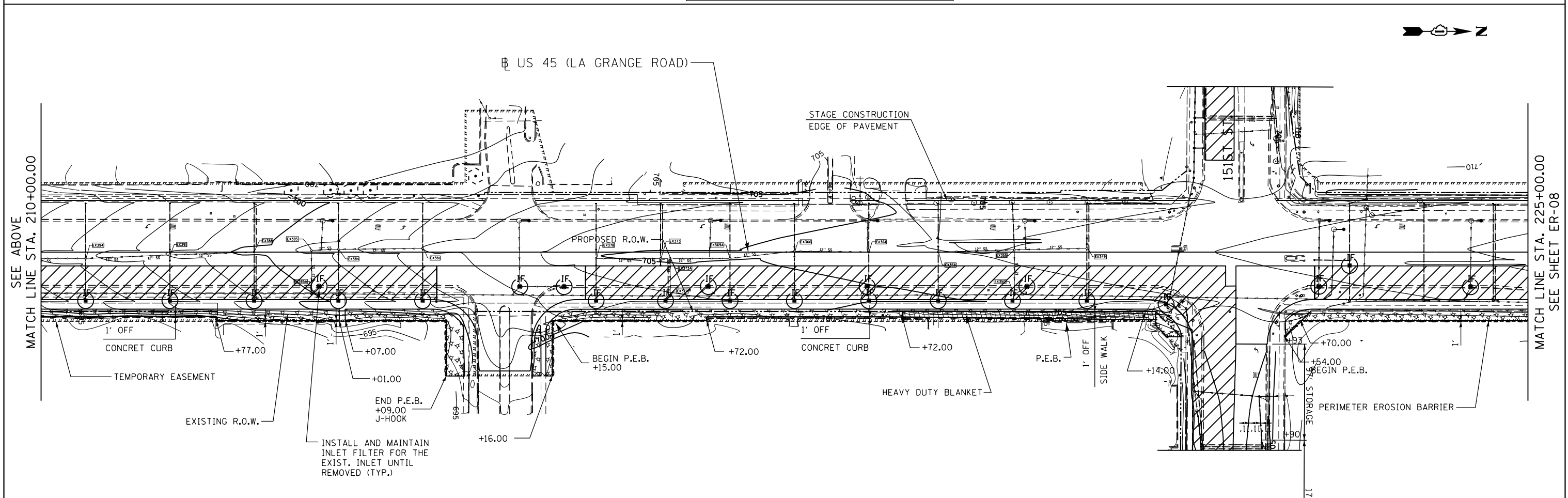
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**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

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

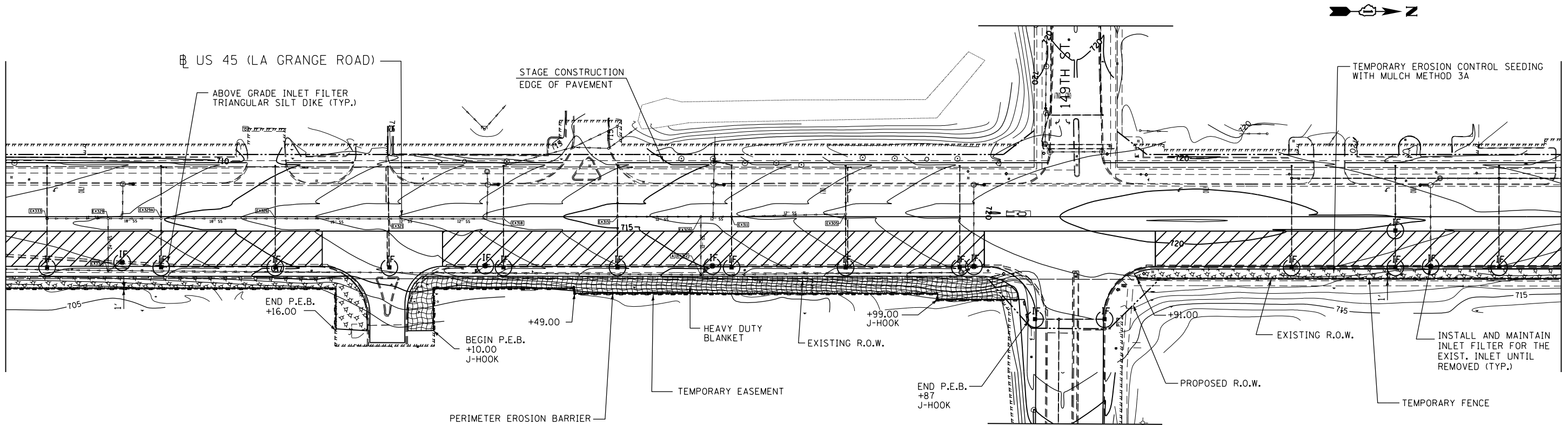
SCALE: 1"=50' SHEET NO. 2 OF 4 SHEETS STA. 195+00.00 TO STA. 225+00.00

F.A.P RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
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ER-07		CONTRACT NO. 60M61		
ILLINOIS FED. AID PROJECT				



NOTE: SEE SHEET ER-05 FOR LEGEND AND NOTES.

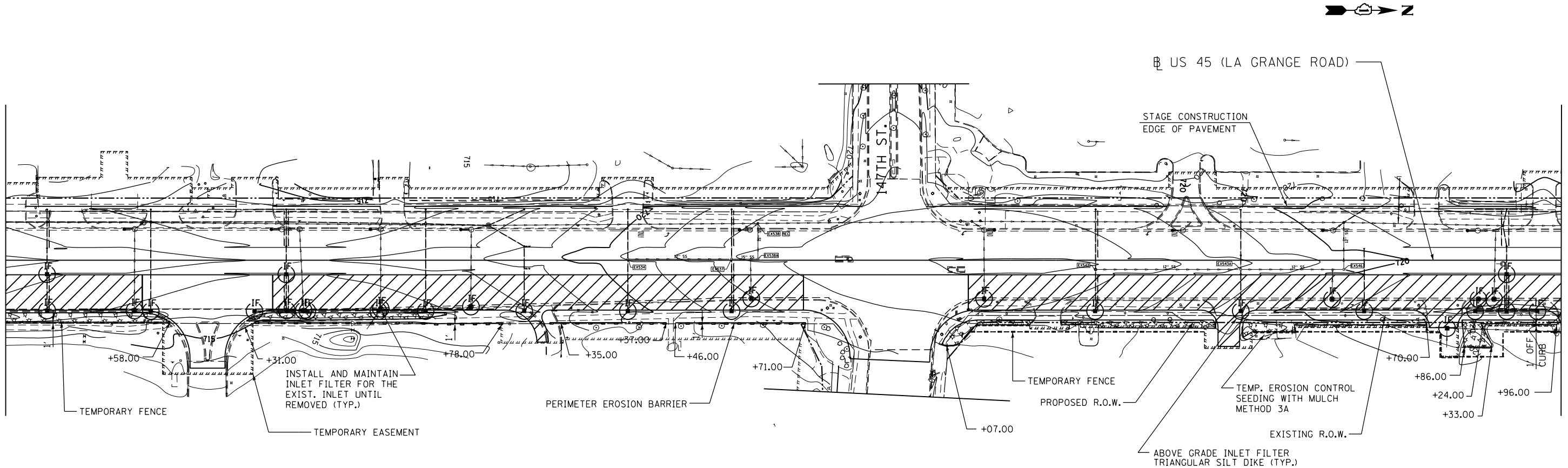
SEE SHEET ER-07
MATCH LINE STA. 225+00.00



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

MATCH LINE STA. 240+00.00
SEE BELOW

SEE ABOVE
MATCH LINE STA. 240+00.00



MATCH LINE STA. 255+00.00
SEE SHEET ER-09

FILE NAME =
D160M61-SHT-ER08.dgn

USER NAME = Frank.Stallone

DESIGNED - L.N.
DRAWN - M.P.

REVISED -
REVISED -
REVISED -
REVISED -

PLOT SCALE = 100.000000' / in.
PLOT DATE = 3/15/2013

CHECKED - W.H.I.
DATE - 03/13/2013

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

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

SCALE: 1"=50' SHEET NO. 3 OF 4 SHEETS STA. 225+00.00 TO STA. 255+00.00

F.A.P RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
330	103R-4	COOK	877	133
ER-08		CONTRACT NO. 60M61		
ILLINOIS		FED. AID PROJECT		

FILE NAME =
D160M61-SHT-ER09.dgn

USER NAME = Frank.Stallone

DESIGNED - L.N.

DRAWN - M.P.

PLOT SCALE = 100.000000' / 1" =

PLOT DATE = 3/15/2013

DESIGNED - L.N.

DRAWN - M.P.

CHECKED - W.H.I.

DATE - 03/13/2013

REVISED -

REVISED -

REVISED -

REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

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

SCALE: 1"=50' SHEET NO. 4 OF 4 SHEETS STA. 255+00.00 TO STA. END

F.A.P.
RTE.
330

SECTION
103R-4

COUNTY
COOK

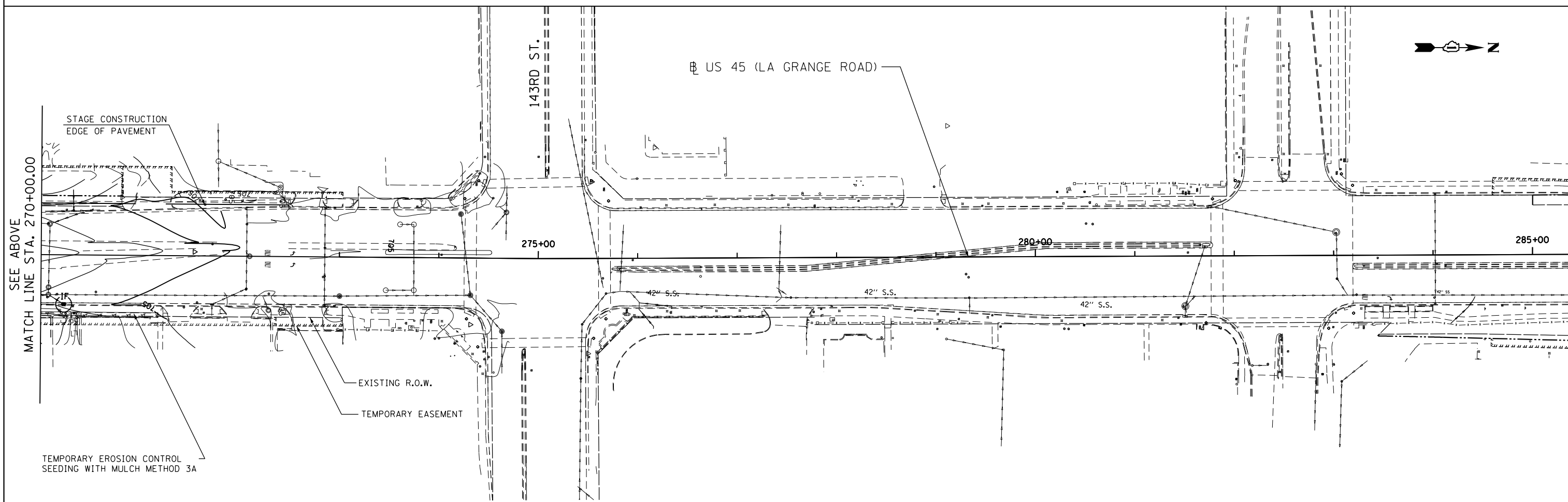
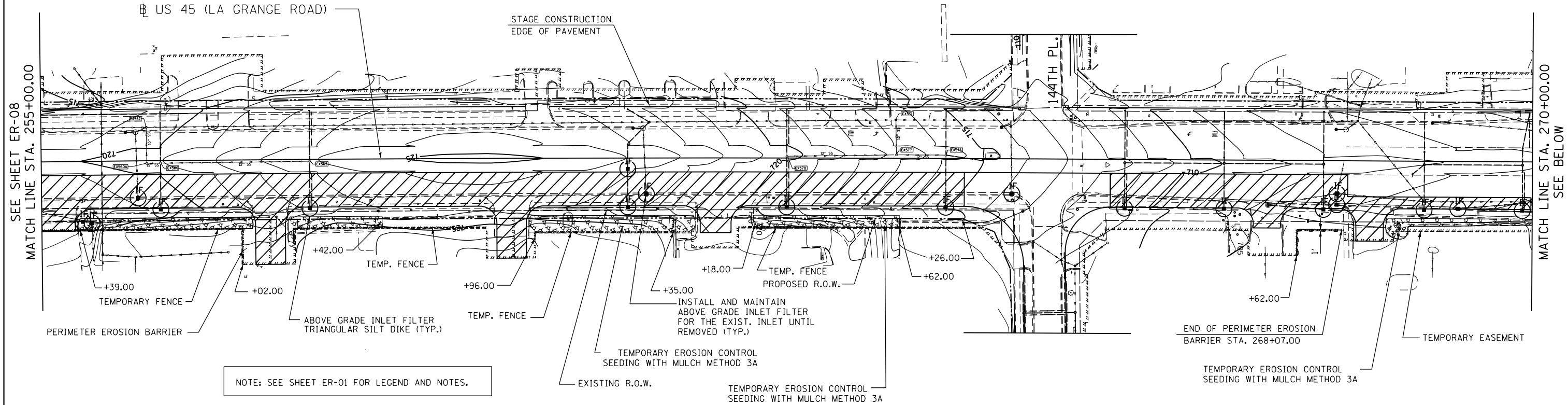
TOTAL SHEETS
877

SHEET NO.
134

ER-09

CONTRACT NO. 60M61

ILLINOIS FED. AID PROJECT



FILE NAME =	USER NAME = Frank.Stallone
D160M61-SHT-EROSI0.dgn	

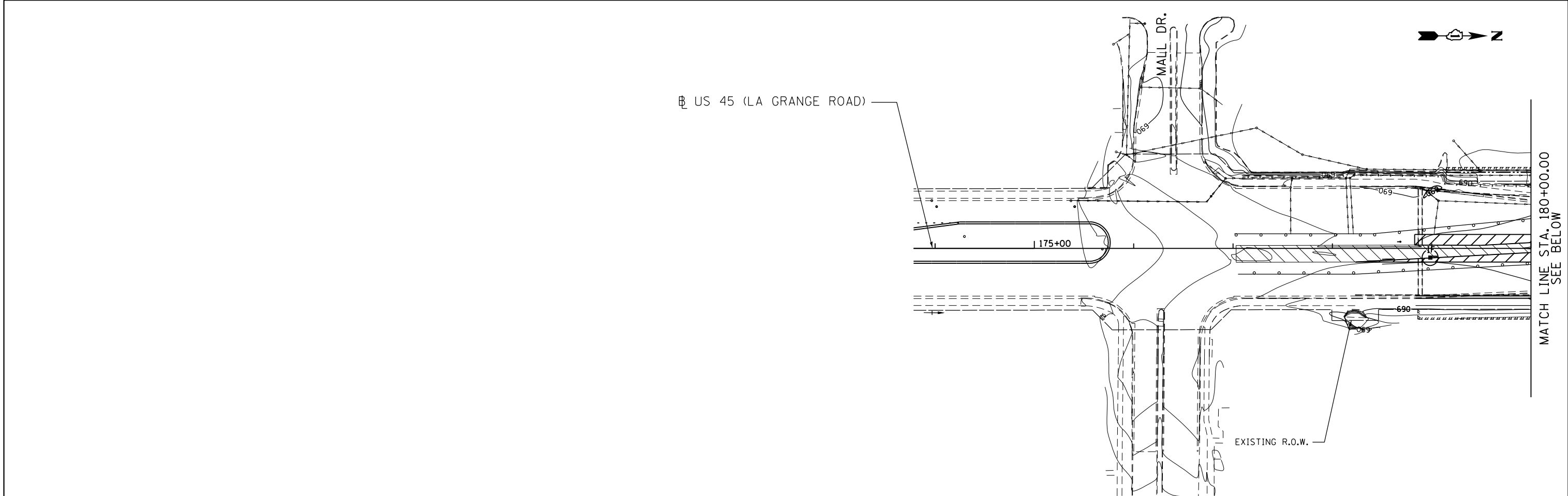
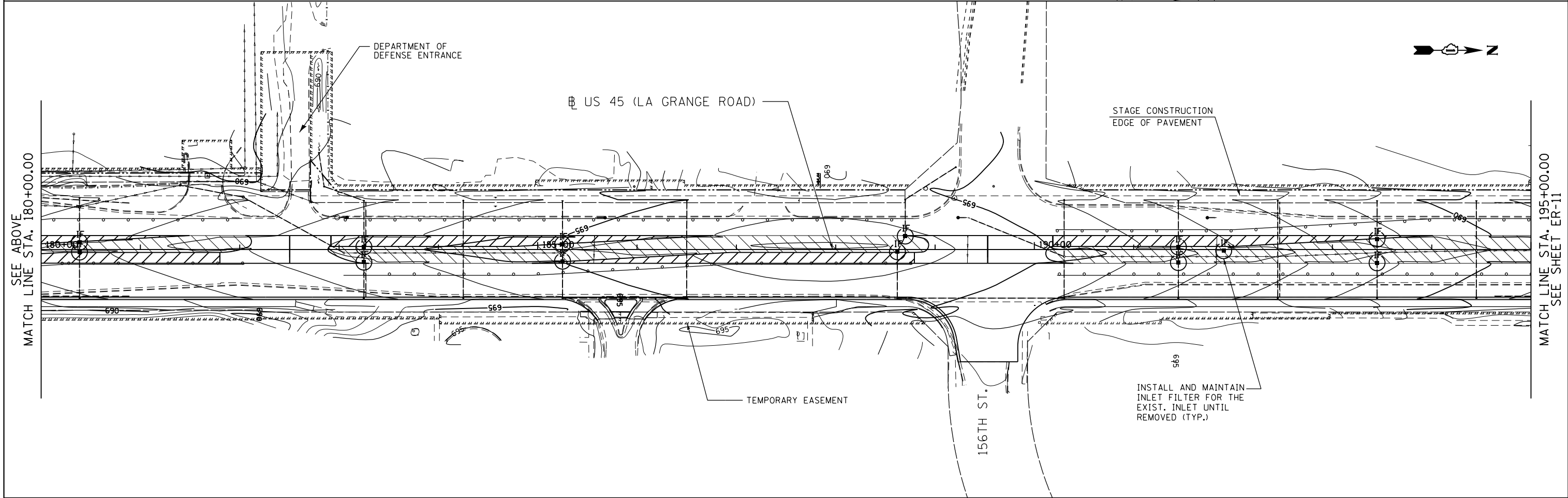
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DRAWN - M.P.	REVISED -
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PLOT DATE = 3/15/2013	DATE - 03/13/2013

REVISED -
REVISED -
REVISED -
REVISED -

STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION

EROSION AND SEDIMENT CONTROL PLAN US 45 (LAGRANGE ROAD) - MIDDLE CONTRACT - STAGE 2			
SCALE: 1"=50'	SHEET NO. 1 OF 4 SHEETS	STA. BEGIN	TO STA. 195+00.00

F.A.P RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
330	103R-4	COOK	877	135
ER-10		CONTRACT NO. 60M61		
ILLINOIS		FED. AID PROJECT		



FILE NAME =
D160M61-SHT-ER0511.dgn

USER NAME = Frank.Stallone

DESIGNED - L.N.
DRAWN - M.P.

REVISED -
REVISED -

PLOT SCALE = 100.000000' / 1" IN.

CHECKED - W.H.I.

REVISED -

PLOT DATE = 3/15/2013

DATE - 03/13/2013

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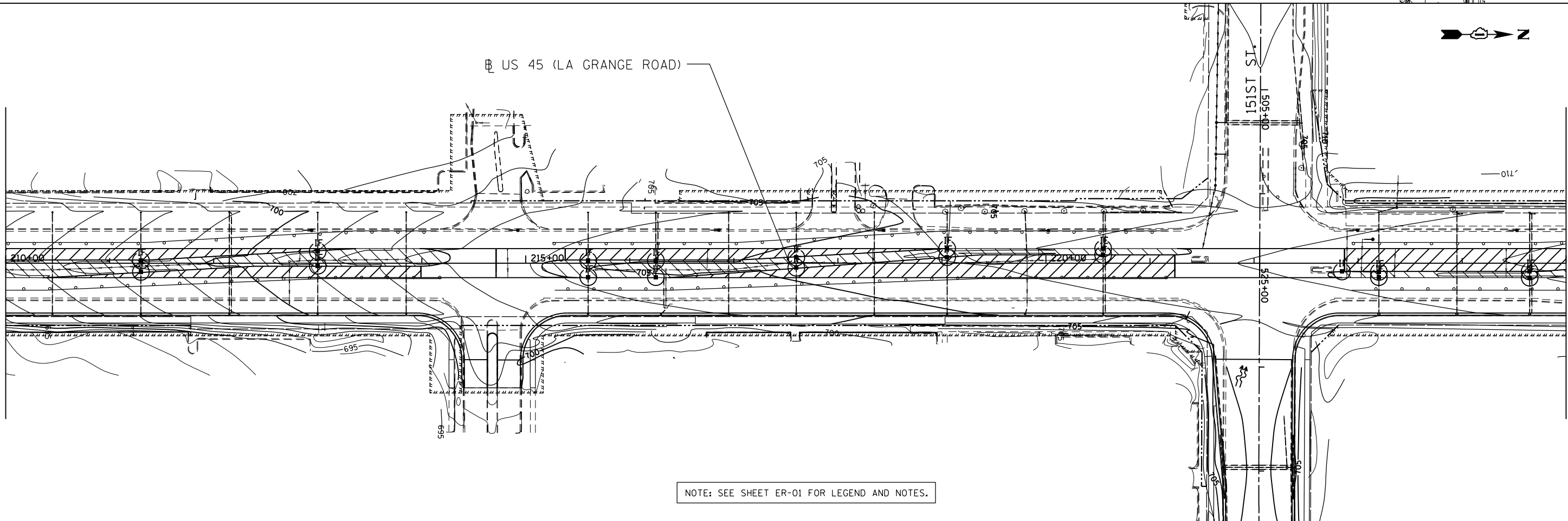
**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

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

SCALE: 1"=50' SHEET NO. 2 OF 4 SHEETS STA. 195+00.00 TO STA. 225+00.00

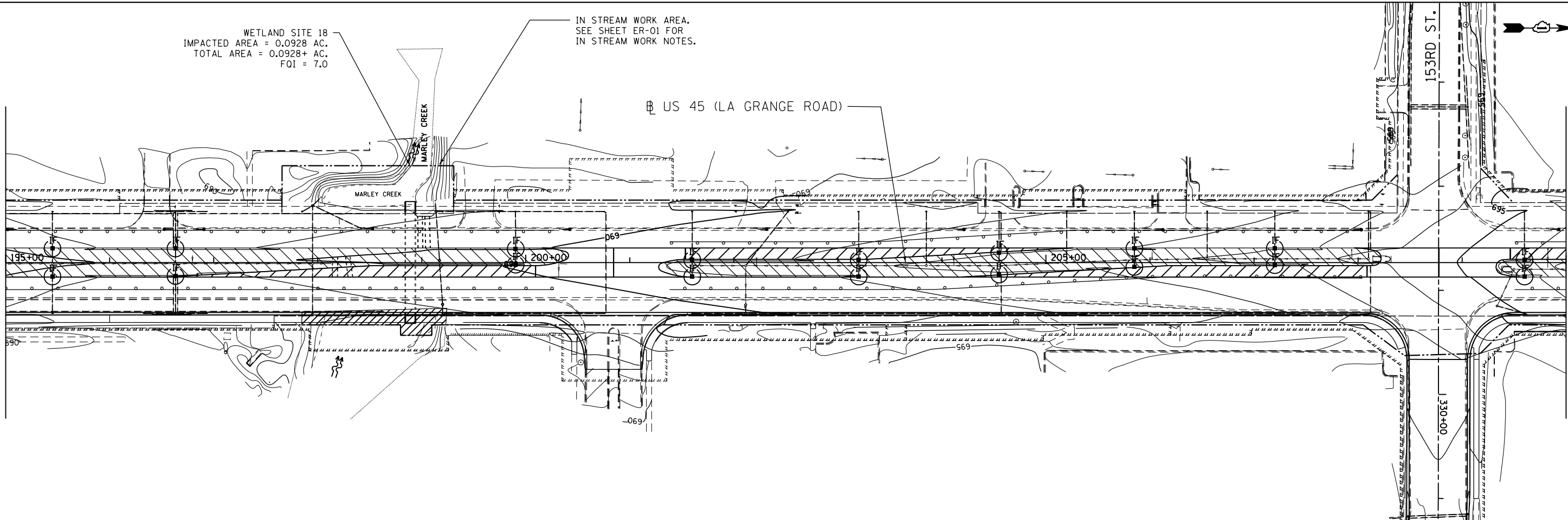
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330	103R-4	COOK	877	136
ER-11		CONTRACT NO. 60M61		
ILLINOIS FED. AID PROJECT				

SEE ABOVE
MATCH LINE STA. 210+00.00



MATCH LINE STA. 225+00.00
SEE SHEET ER-12

SEE SHEET ER-10
MATCH LINE STA. 195+00.00



MATCH LINE STA. 210+00.00
SEE BELOW

FILE NAME =
D160M61-SHT-ER0512.dgn

USER NAME = Frank.Stallone
DESIGNED - L.N.
DRAWN - M.P.
PLOT SCALE = 100.000000' / 1" = 100'
PLOT DATE = 3/15/2013

DESIGNED - L.N.
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CHECKED - W.H.I.
DATE - 03/13/2013

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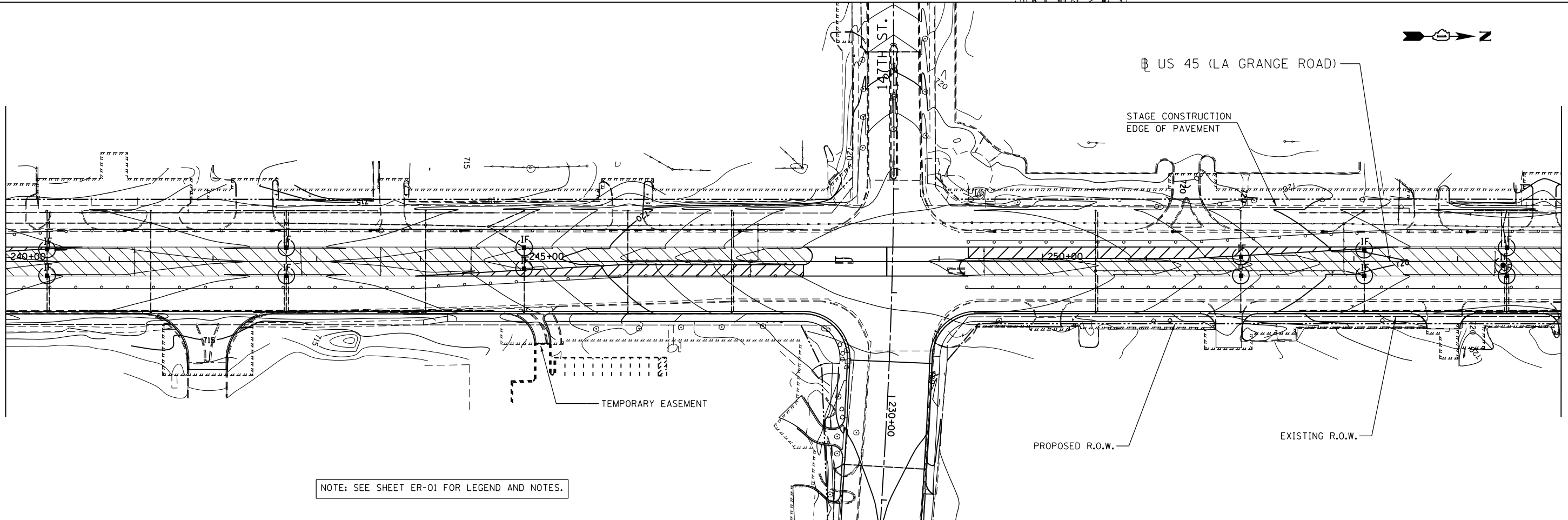
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

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

SCALE: 1"=50' SHEET NO. 3 OF 4 SHEETS STA. 225+00.00 TO STA. 255+00.00

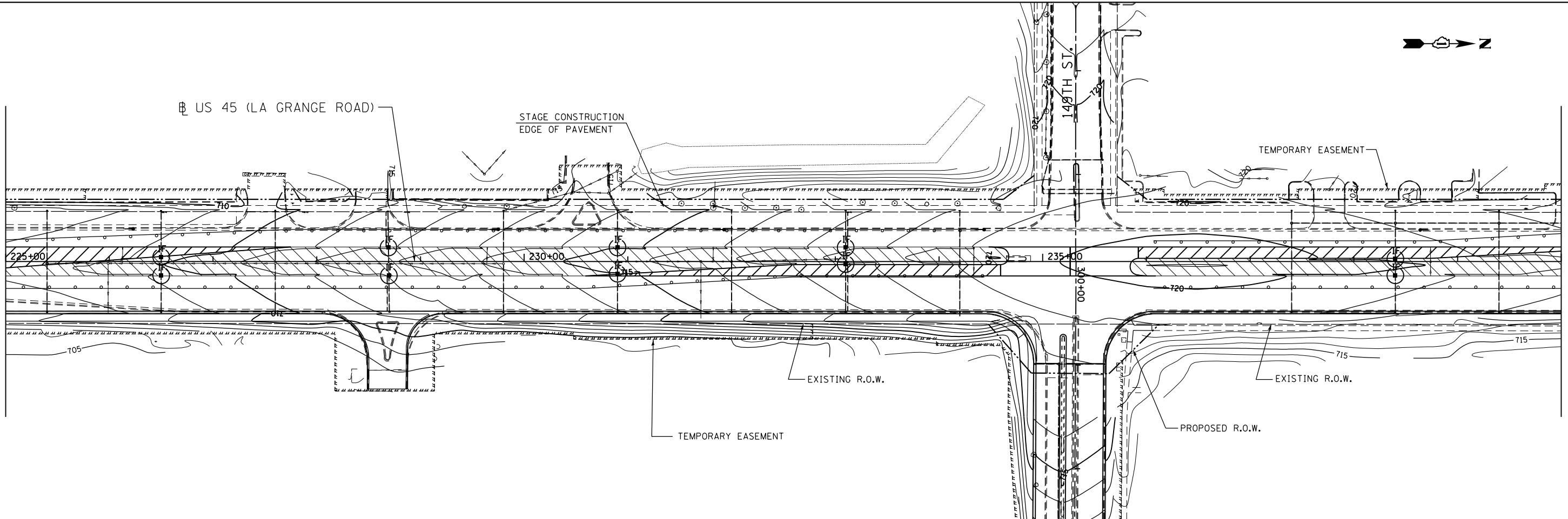
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330	103R-4	COOK	877	137
ER-12		CONTRACT NO. 60M61		
		ILLINOIS FED. AID PROJECT		

SEE ABOVE
MATCH LINE STA. 240+00.00



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

SEE SHEET ER-11
MATCH LINE STA. 225+00.00



MATCH LINE STA. 255+00.00
SEE SHEET ER-13

MATCH LINE STA. 240+00.00
SEE BELOW

FILE NAME =
D160M61-SHT-ER0513.dgn

USER NAME = Frank.Stallone
PLOT SCALE = 100.000000' / 1" = 100'
PLOT DATE = 3/15/2013

DESIGNED - L.N.
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CHECKED - W.H.I.
DATE - 03/13/2013

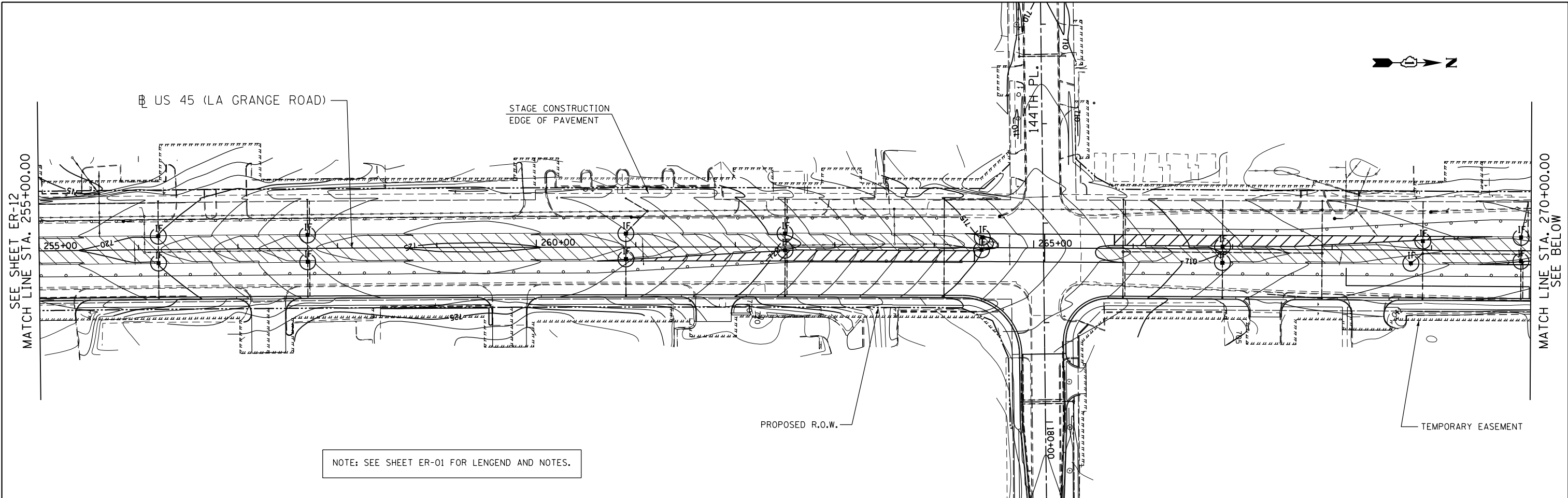
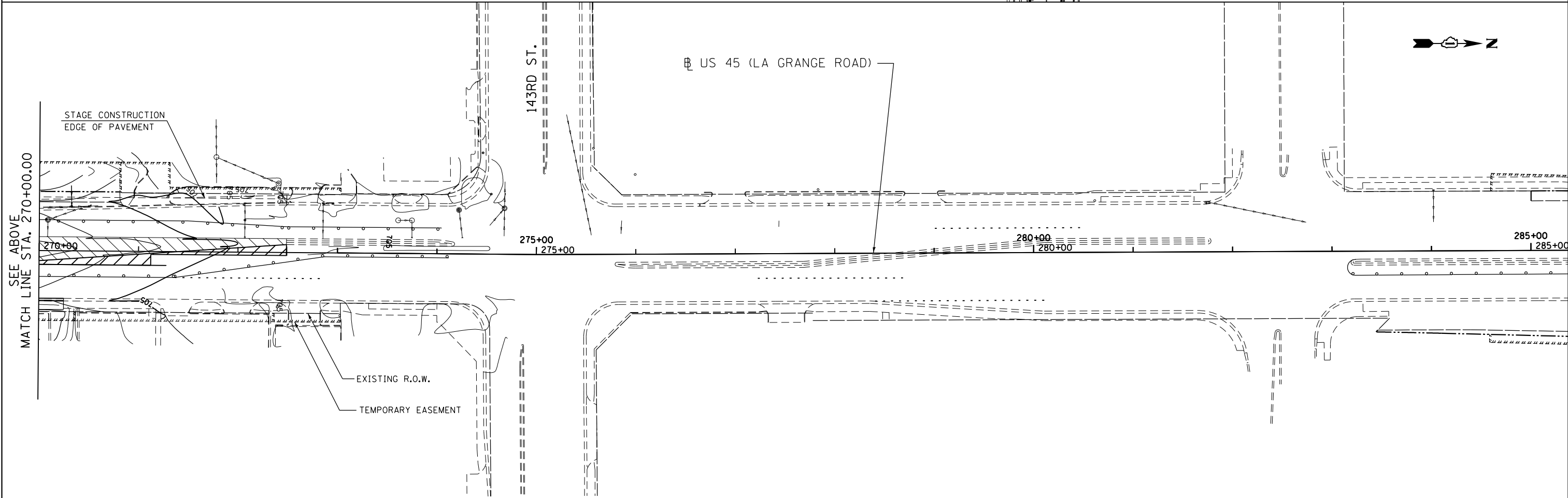
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**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

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

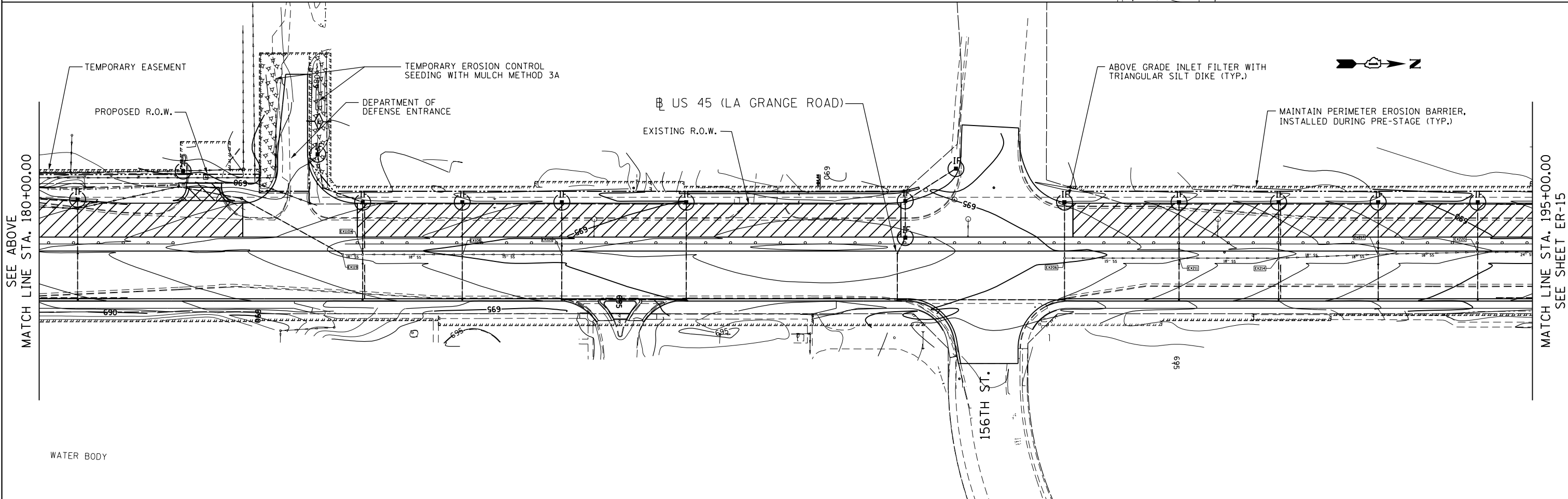
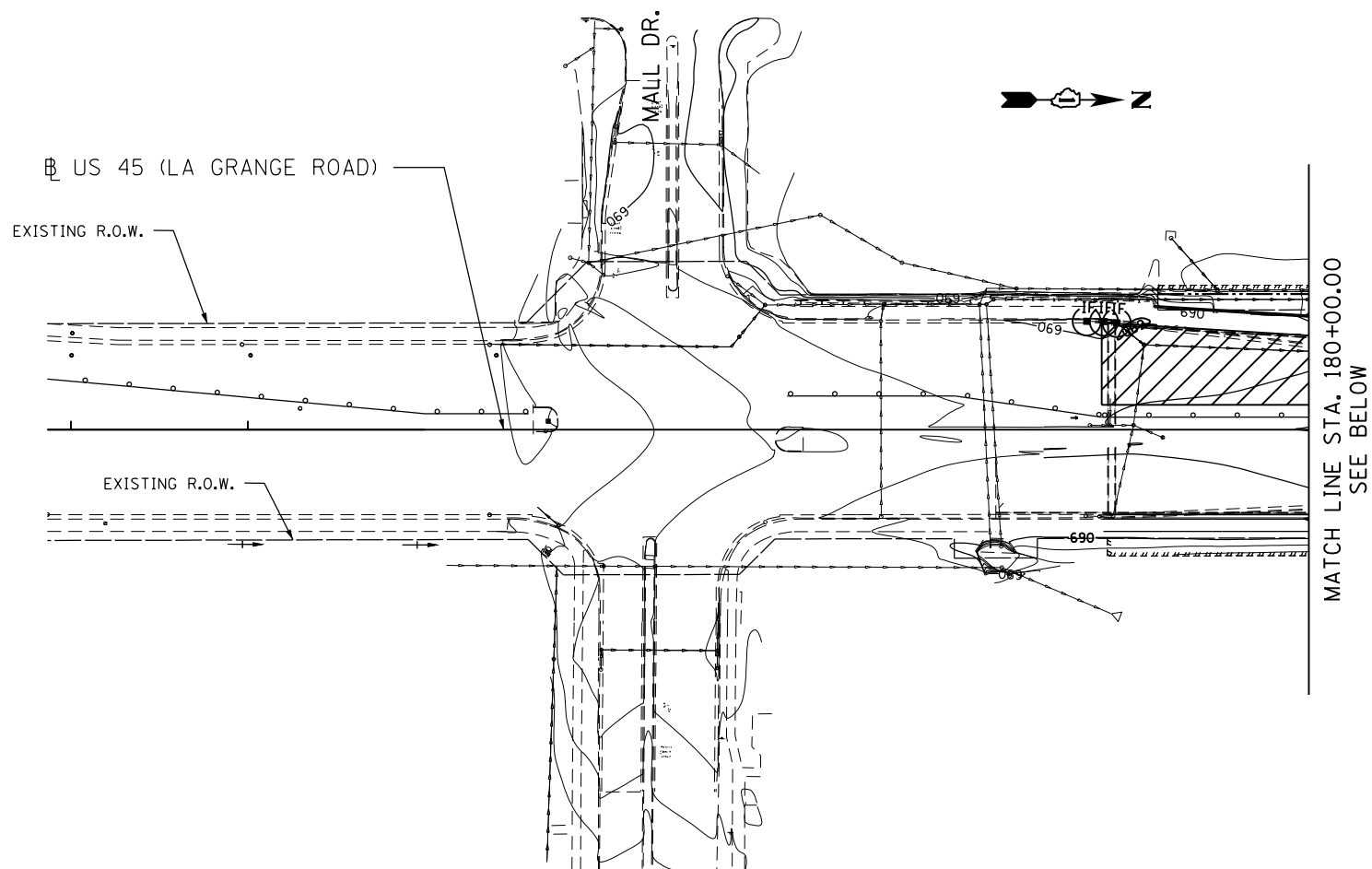
SCALE: 1"=50' SHEET NO. 4 OF 4 SHEETS STA. 255+00.00 TO STA. END

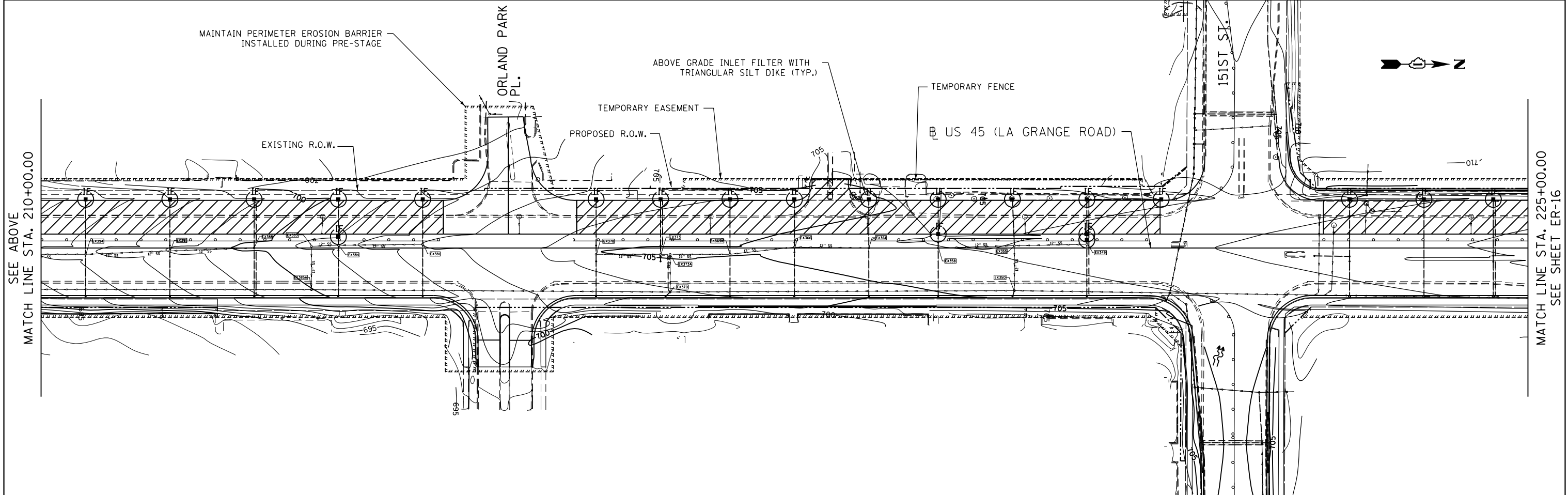
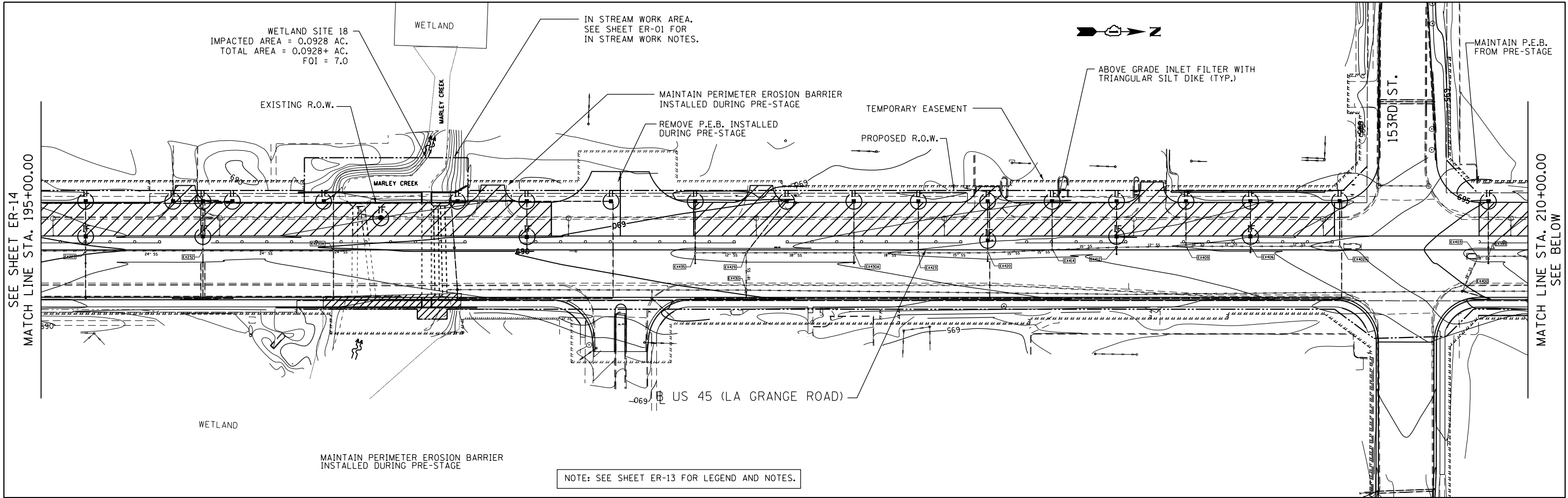
F.A.P RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
330	103R-4	COOK	877	138
ER-13		CONTRACT NO. 60M61		
ILLINOIS FED. AID PROJECT				



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

- NOTE: 1. MAINTAIN EROSION CONTROL, INSTALLED DURING PRE-STAGE AND STAGE 1
2. EXISTING DRAINAGE STRUCTURES SHALL BE PROTECTED UNTIL REMOVED.





FILE NAME = D160M61-SHT-ER0515.dgn	USER NAME = Frank.Stallone	DESIGNED - L.N.	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	EROSION AND SEDIMENT CONTROL PLAN US 45 (LAGRANGE ROAD) – MIDDLE CONTRACT – STAGE 3	SCALE: 1"=50'	SHEET NO. 2 OF 4 SHEETS	STA. 195+00.00 TO STA. 225+00.00	F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
		DRAWN - M.P.	REVISED -						330	103R-4	COOK	877	140
	PLOT SCALE = 100.000000 ' / in.	CHECKED - W.H.I.	REVISED -						ER-15		CONTRACT NO. 60M61		
	PLOT DATE = 3/15/2013	DATE - 03/13/2013	REVISED -						ILLINOIS FED. AID PROJECT				

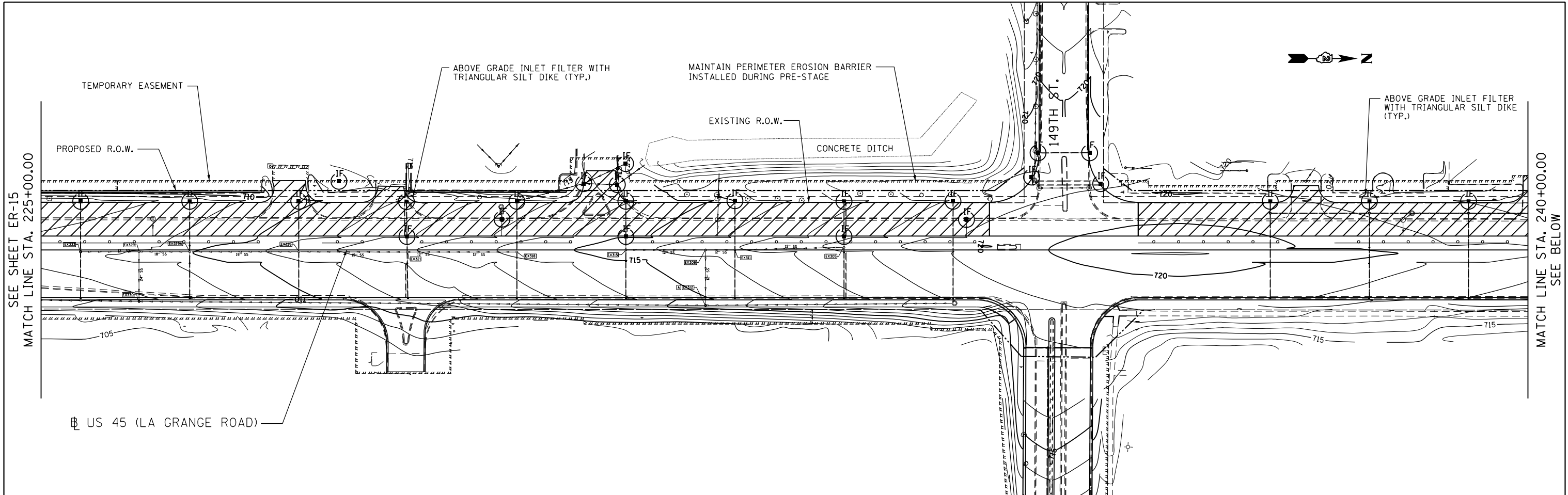
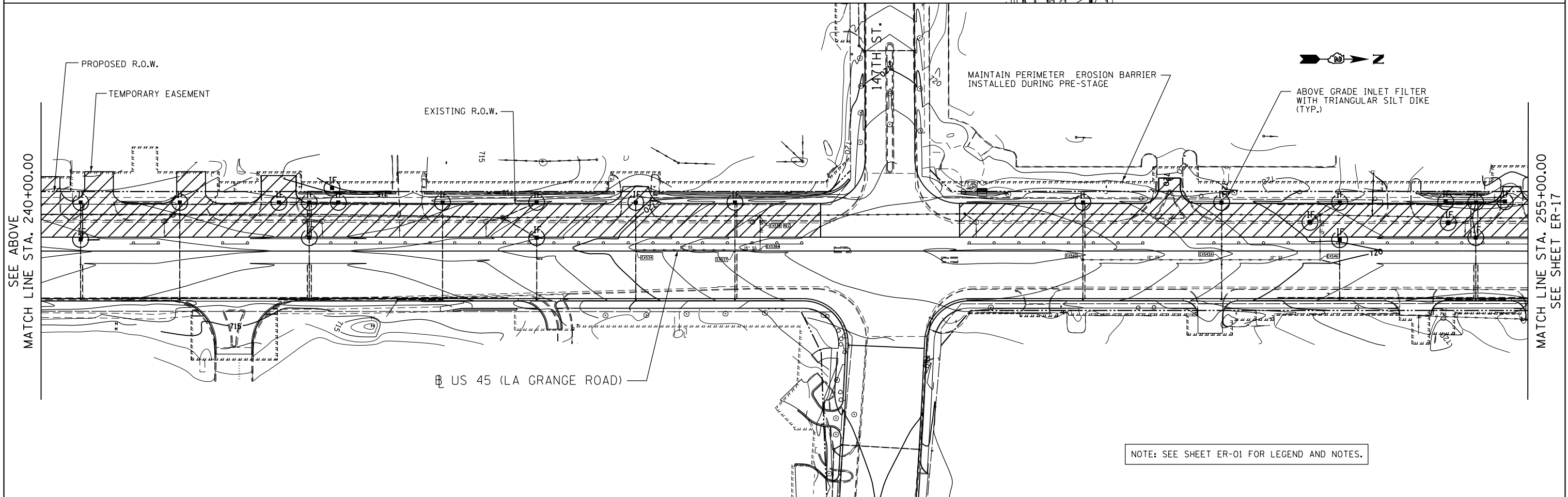
FILE NAME = D160M61-SHT-EROS16.dgn	USER NAME = Frank.Stallone	DESIGNED - L.N.	REVISED -
		DRAWN - M.P.	REVISED -
	PLOT SCALE = 100.000000' / in.	CHECKED - W.H.I.	REVISED -
	PLOT DATE = 3/15/2013	DATE - 03/13/2013	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

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

SCALE: 1"=50' SHEET NO. 3 OF 4 SHEETS STA. 225+00.00 TO STA. 255+00.00

F.A.P RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
330	103R-4	COOK	877	141
ER-16		CONTRACT NO. 60M61		
	ILLINOIS FED. AID PROJECT			



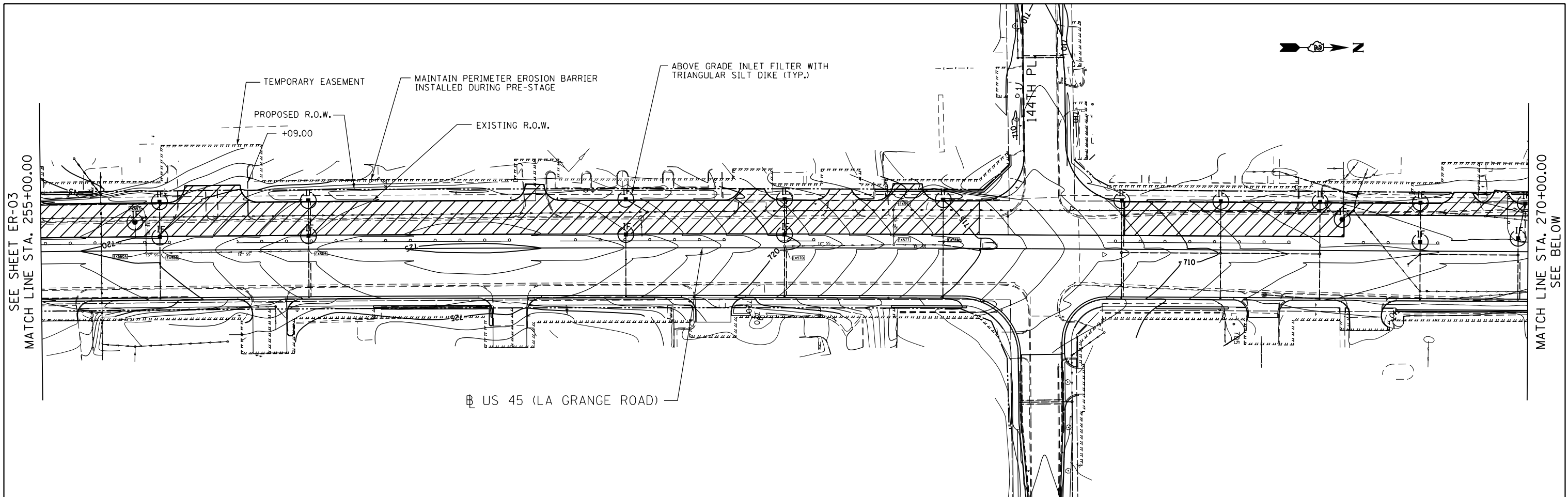
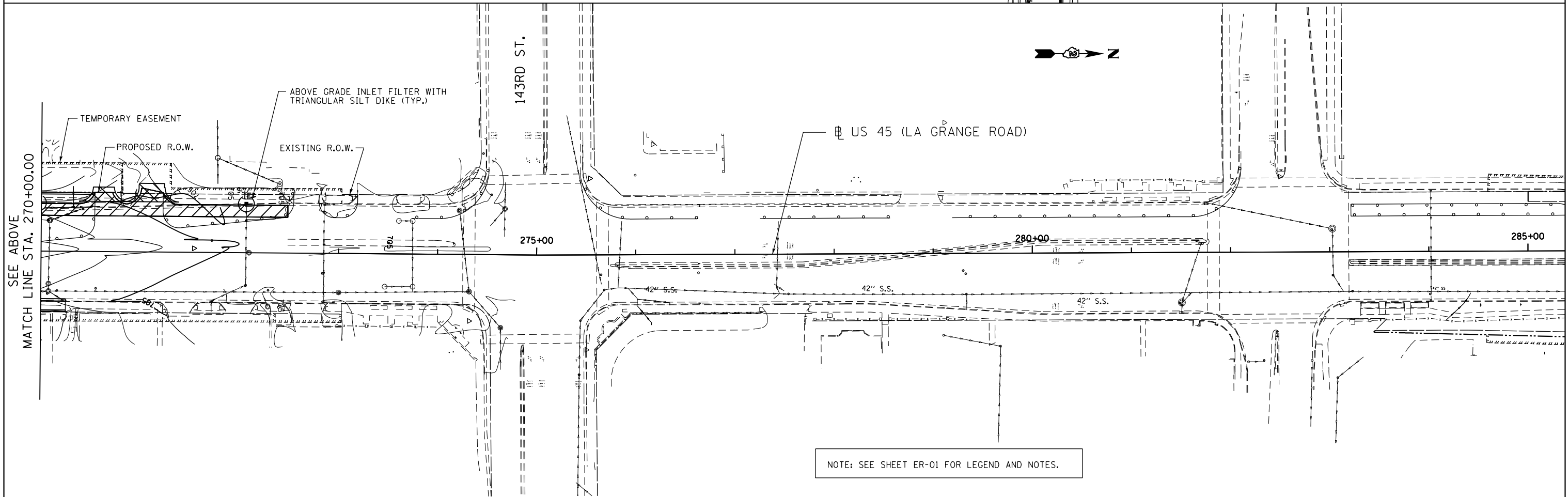
FILE NAME =	USER NAME = Frank.Stallone	DESIGNED - L.N.	REVISED -
D:\60M61-SHT-ER0517.dgn		DRAWN - M.P.	REVISED -
		CHECKED - W.H.I.	REVISED -
		DATE - 03/13/2013	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

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

SCALE: 1"=50' SHEET NO. 4 OF 4 SHEETS STA. 255+00.00 TO STA. END

F.A.P RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
330	103R-4	COOK	877	142
ER-17		CONTRACT NO. 60M61		
		ILLINOIS FED. AID PROJECT		



FILE NAME =
D160M61-SHT-EROS18.dgn

USER NAME = Frank.Stallone
PLOT SCALE = 100.000000' / 1" = 100'
PLOT DATE = 3/15/2013

DESIGNED - L.N.
DRAWN - M.P.
CHECKED - W.H.I.
DATE - 03/13/2013

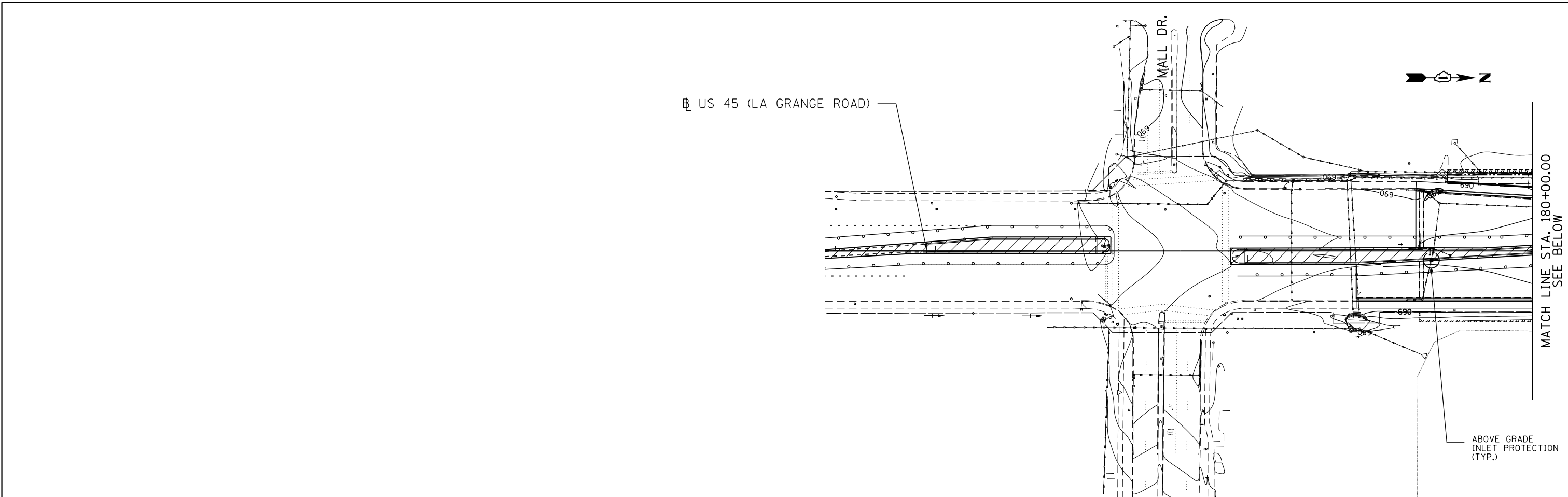
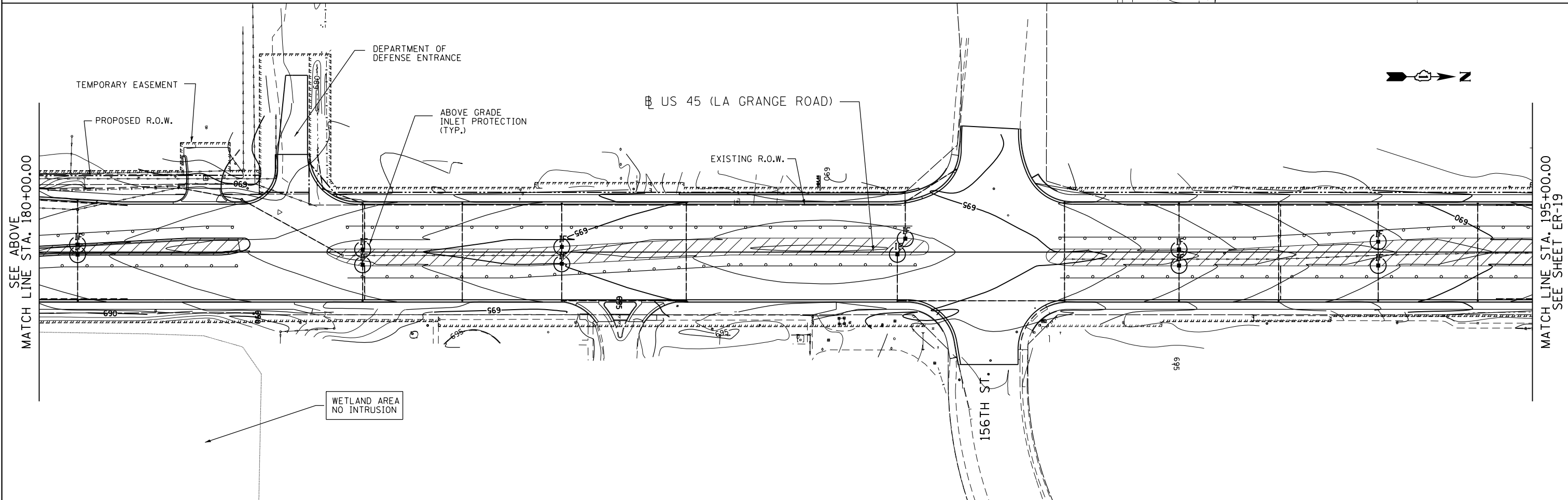
REVISED -
REVISED -
REVISED -
REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

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

SCALE: 1"=50' SHEET NO. 1 OF 4 SHEETS STA. BEGIN TO STA. 195+00.00

F.A.P RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
330	103R-4	COOK	877	143
ER-18		CONTRACT NO. 60M61		
ILLINOIS FED. AID PROJECT				



FILE NAME =
D160M61-SHT-ER0519.dgn

USER NAME = Frank.Stallone

DESIGNED - L.N.

REVISED -

DRAWN - M.P.

REVISED -

PLOT SCALE = 100.000000' / in.

CHECKED - W.H.I.

REVISED -

PLOT DATE = 3/15/2013

DATE - 03/13/2013

REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

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

SCALE: 1"=50' SHEET NO. 2 OF 4 SHEETS STA. 195+00.00 TO STA. 225+00.00

F.A.P.
RTE.

330

SECTION

103R-4

ER-19

COUNTY

COOK

CONTRACT NO.

60M61

TOTAL
SHEETS

877

SHEET
NO.

144

ILLINOIS FED. AID PROJECT

SEE SHEET ER-18
MATCH LINE STA. 195+00.00

SEE ABOVE
MATCH LINE STA. 210+00.00

MATCH LINE STA. 210+00.00
SEE BELOW

MATCH LINE STA. 225+00.00
SEE SHEET ER-20

WETLAND SITE 18
IMPACTED AREA = 0.0928 AC.
TOTAL AREA = 0.0928+ AC.
FOI = 7.0

IN STREAM WORK AREA.
SEE SHEET ER-01 FOR
IN STREAM WORK NOTES.

TEMPORARY EASEMENT

ABOVE GRADE
INLET PROTECTION
(TYP.)

US 45 (LA GRANGE ROAD)

PROPOSED R.O.W.

EXISTING R.O.W.

153RD ST.

151ST ST.

ORLAND
PARK PL.

TEMPORARY EASEMENT

ABOVE GRADE
INLET PROTECTION
(TYP.)

US 45 (LA GRANGE ROAD)

PROPOSED R.O.W.

EXISTING R.O.W.

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

FILE NAME =
D160M61-SHT-ER0521.dgn

USER NAME = Frank.Stallone

DESIGNED - L.N.

REVISED -

DRAWN - M.P.

REVISED -

PLOT SCALE = 100.000000' / 1"

CHECKED - W.H.I.

REVISED -

PLOT DATE = 3/15/2013

DATE = 03/13/2013

REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

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

SCALE: 1"=50' SHEET NO. 4 OF 4 SHEETS STA. 255+00.00 TO STA. END

F.A.P.
RTE.
330

SECTION
103R-4

COUNTY
COOK

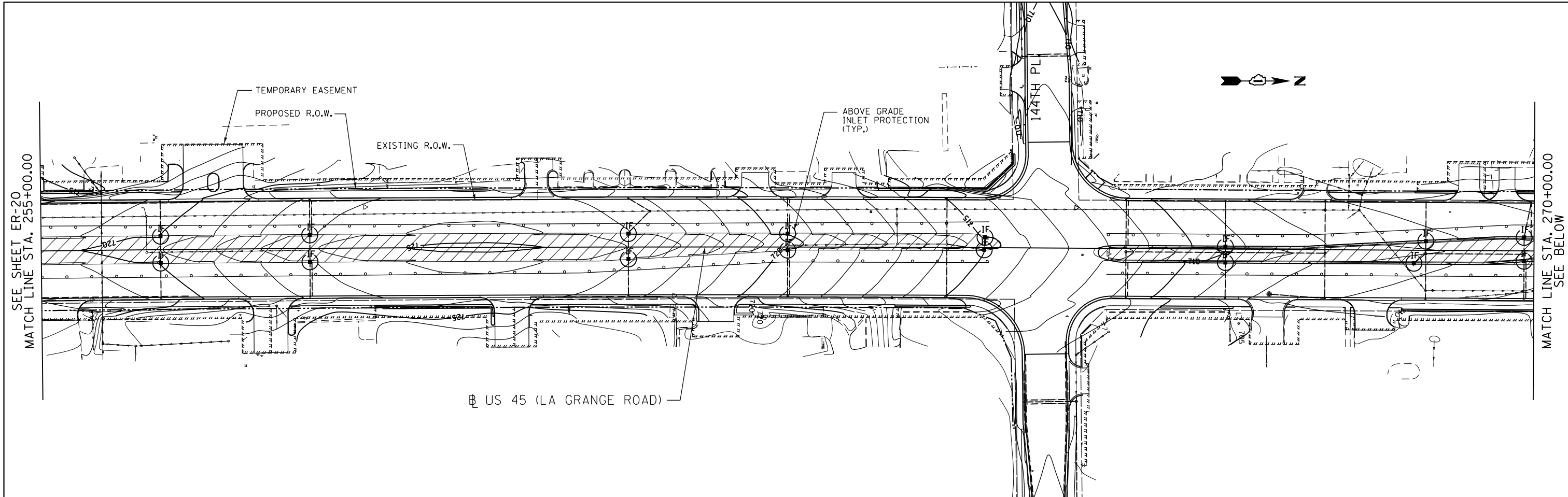
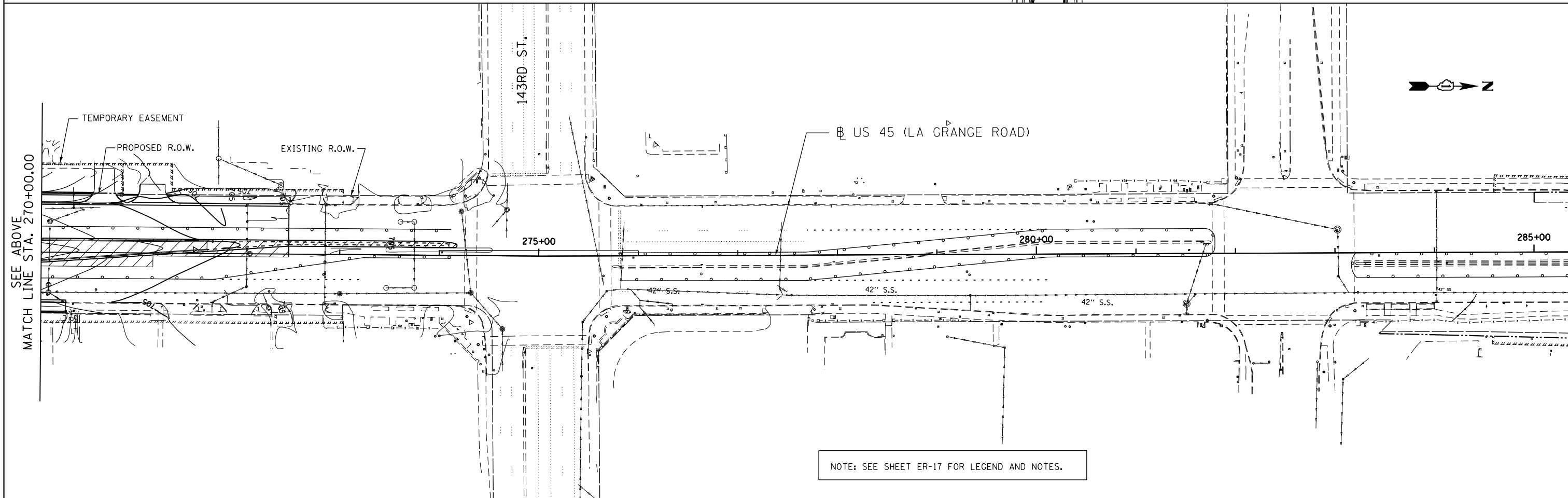
TOTAL
SHEETS
877

SHEET
NO.
146

ER-21

CONTRACT NO. 60M61

ILLINOIS FED. AID PROJECT



FILE NAME =
D160M61-SHT-ER0522.dgn

USER NAME = Frank.Stallone
PLOT SCALE = 100.000000' / 1" = 100'
PLOT DATE = 3/15/2013

DESIGNED - L.N.
DRAWN - M.P.
CHECKED - W.H.I.
DATE - 03/13/2013

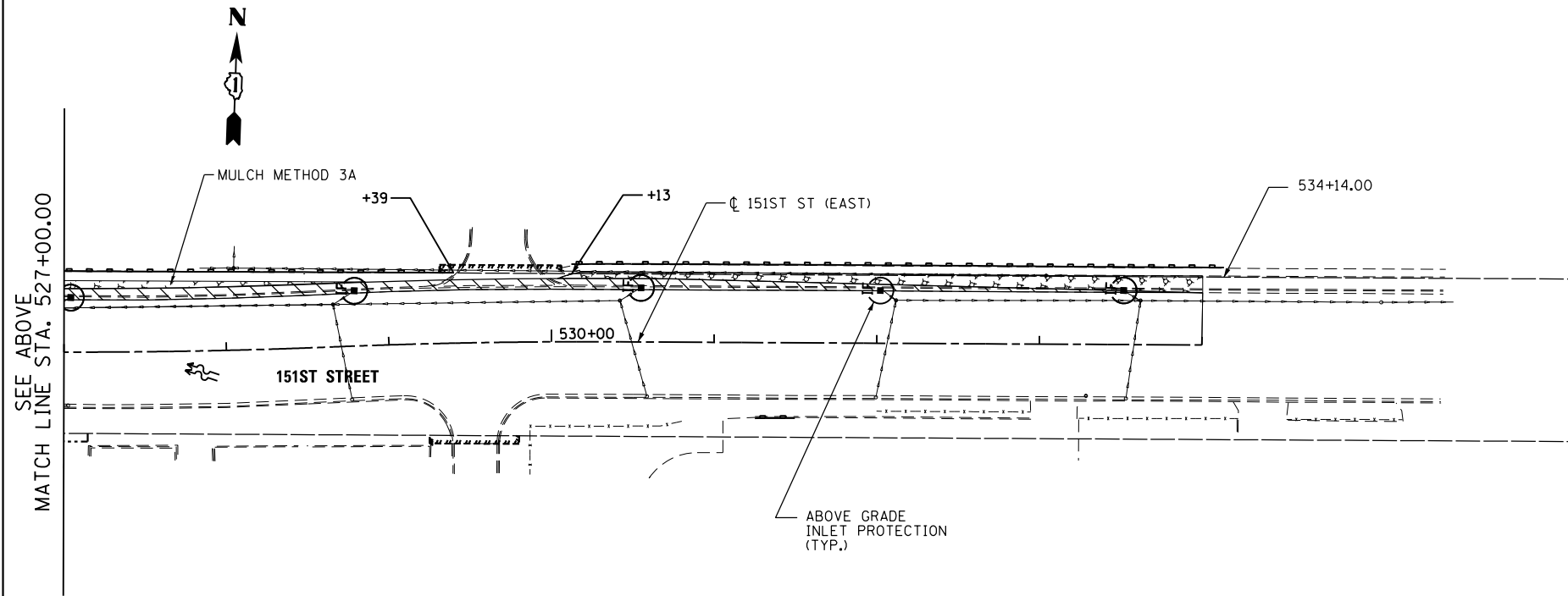
REVISED -
REVISED -
REVISED -
REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

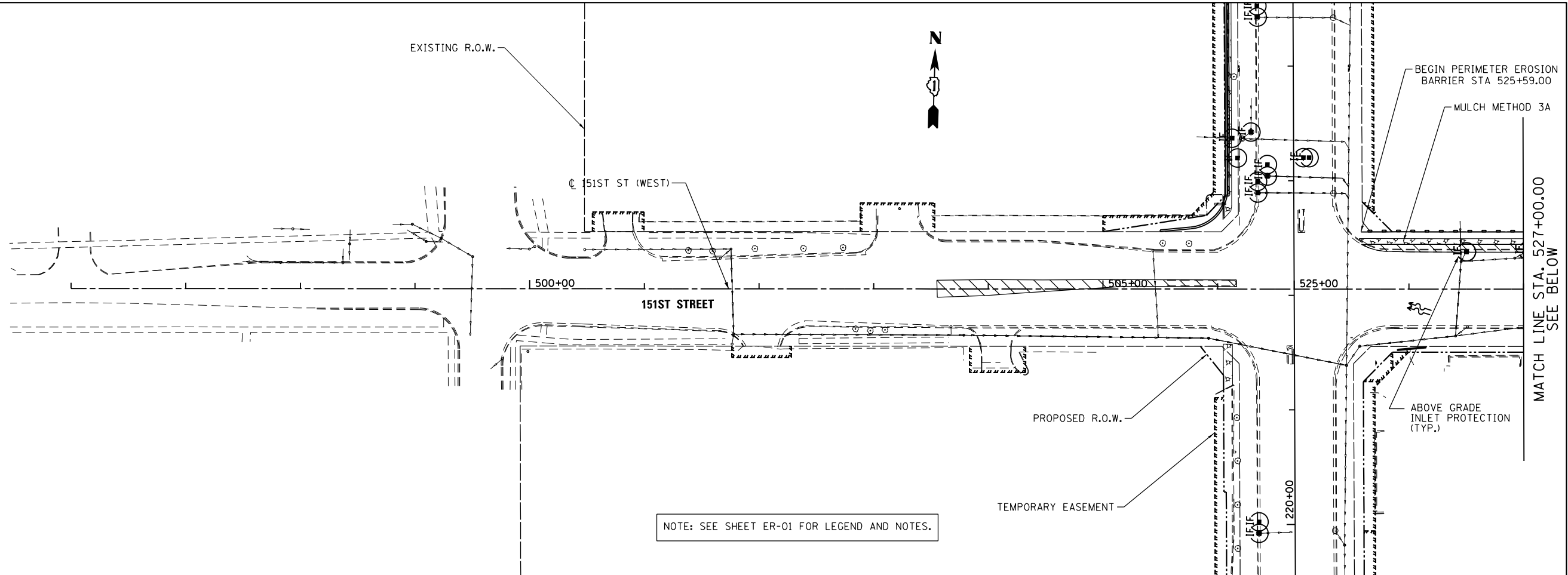
EROSION AND SEDIMENT CONTROL PLAN - MIDDLE CONTRACT
PRE-STAGE - 151ST STREET

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

F.A.P RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
330	103R-4	COOK	877	147
ER-22		CONTRACT NO. 60M61		
ILLINOIS FED. AID PROJECT				



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



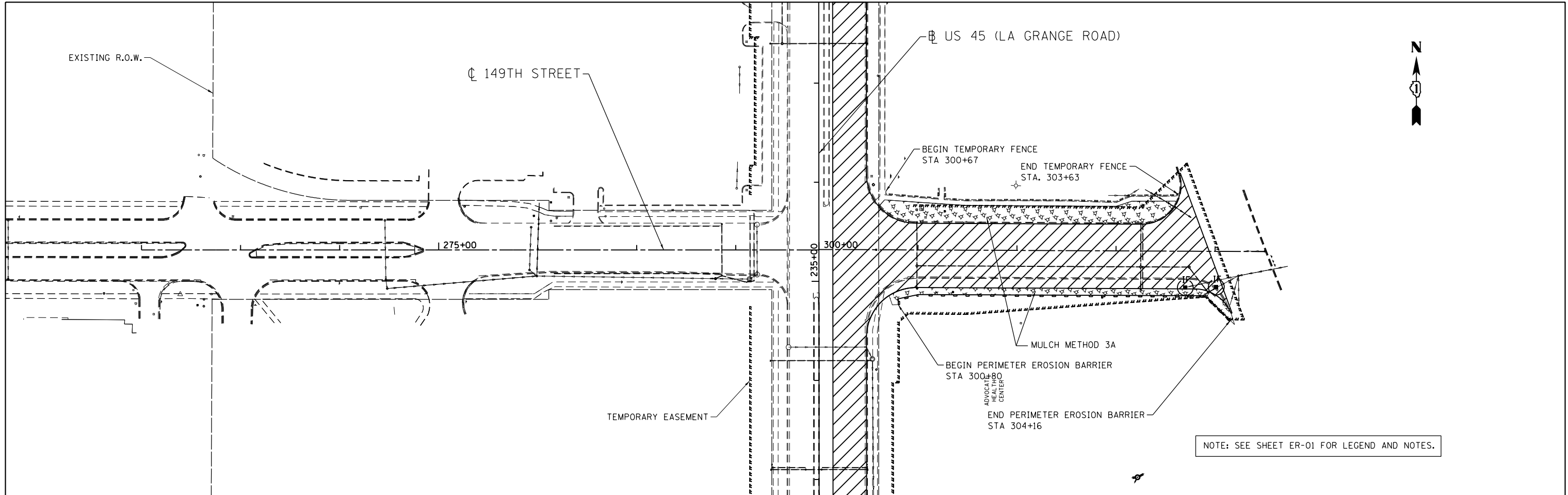
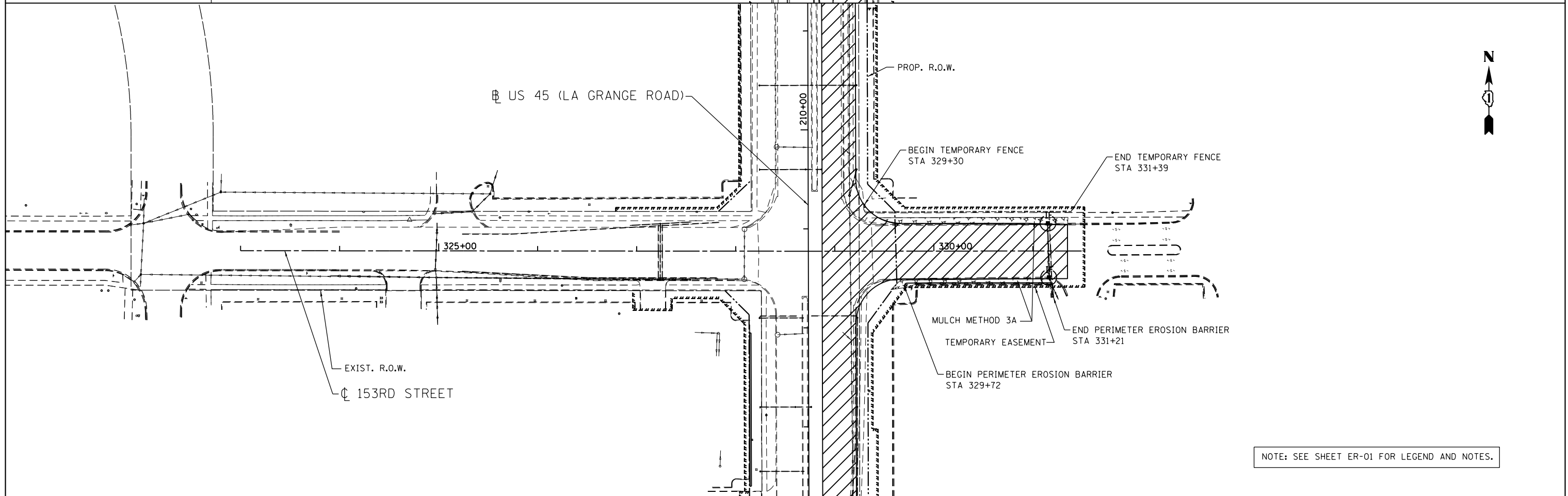
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		DRAWN - M.P.	REVISED -
	PLOT SCALE = 100.000000' / 1" =	CHECKED - W.H.I.	REVISED -
	PLOT DATE = 3/15/2013	DATE - 03/13/2013	REVISED -

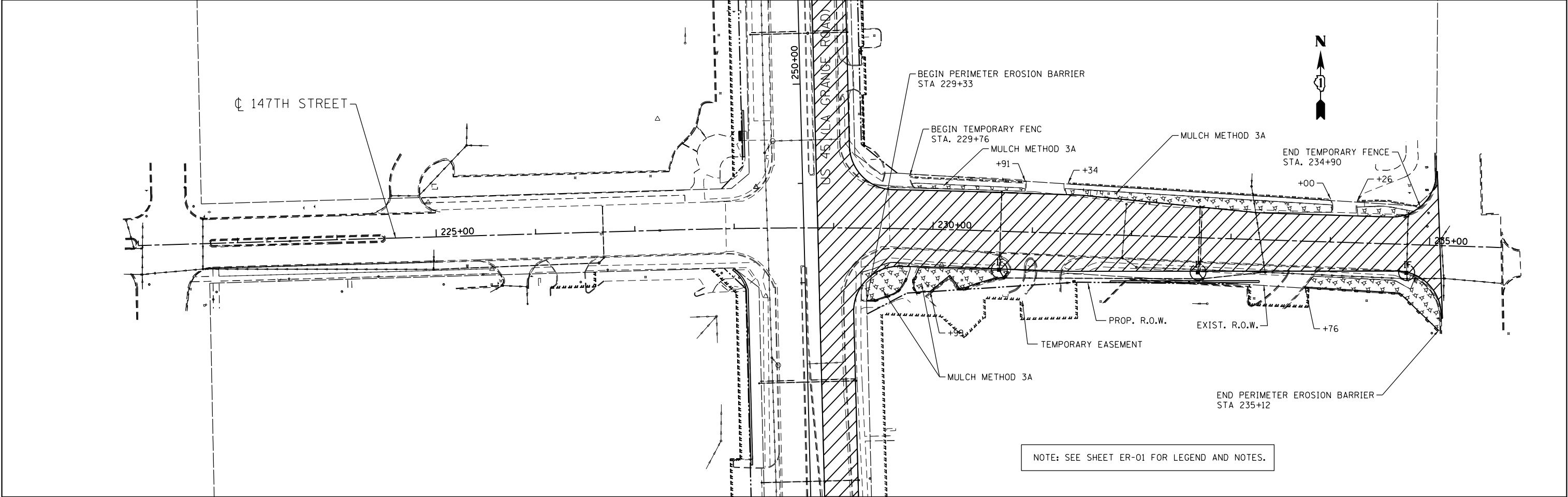
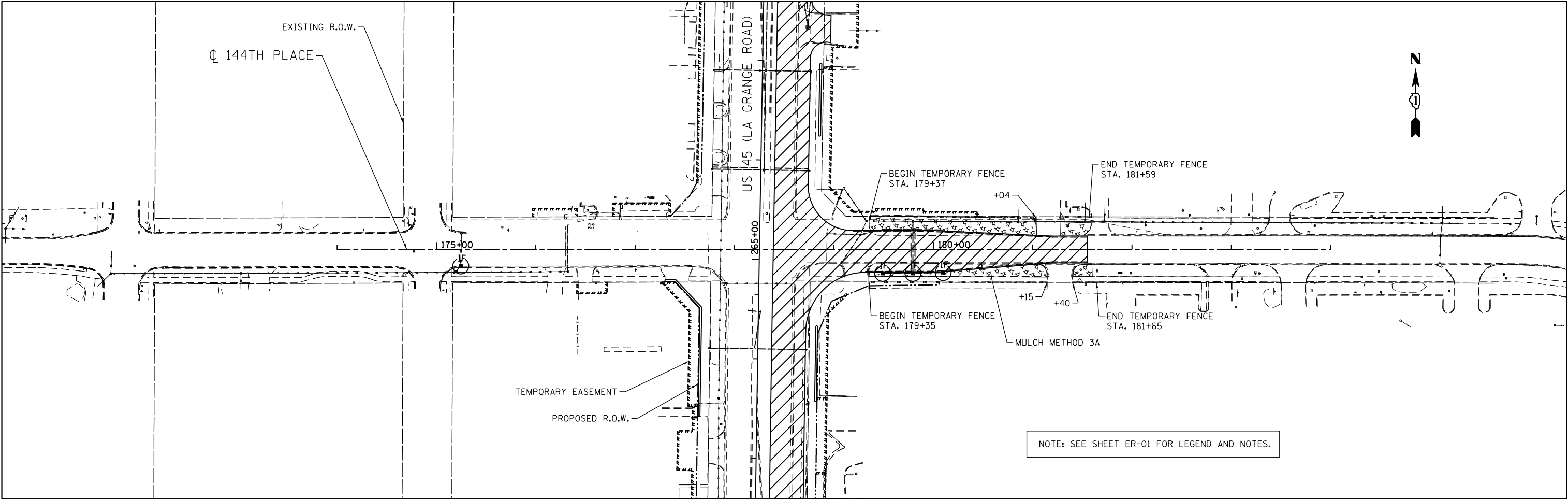
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

EROSION AND SEDIMENT CONTROL PLAN - MIDDLE CONTRACT
STAGE A - 153RD STREET AND 149TH STREET

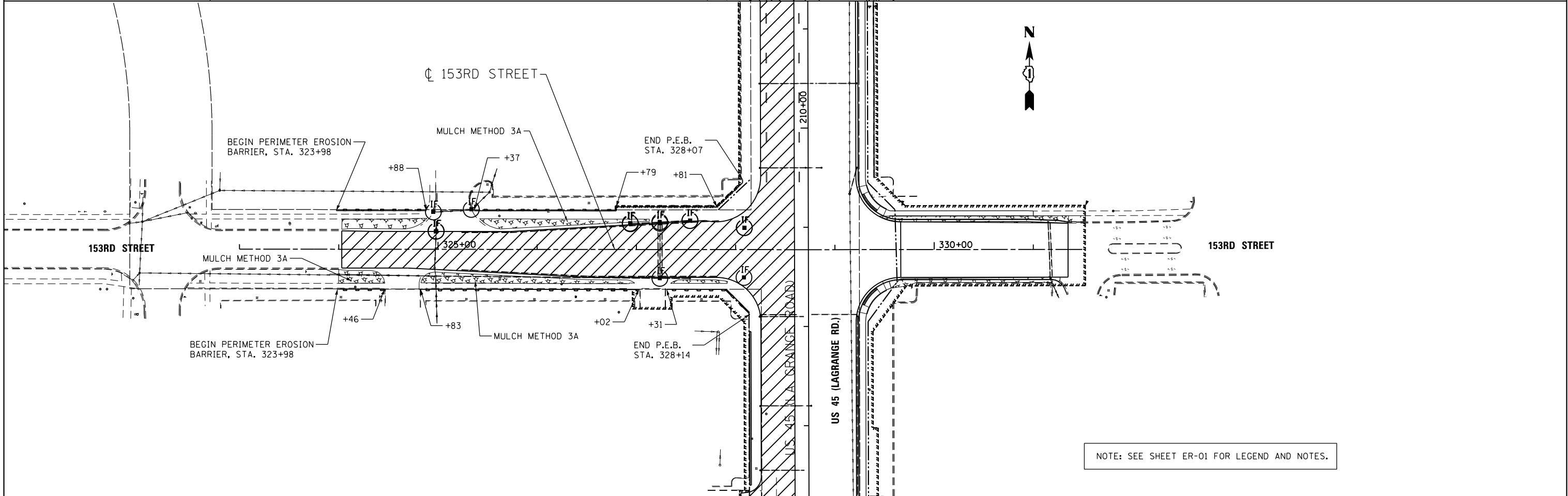
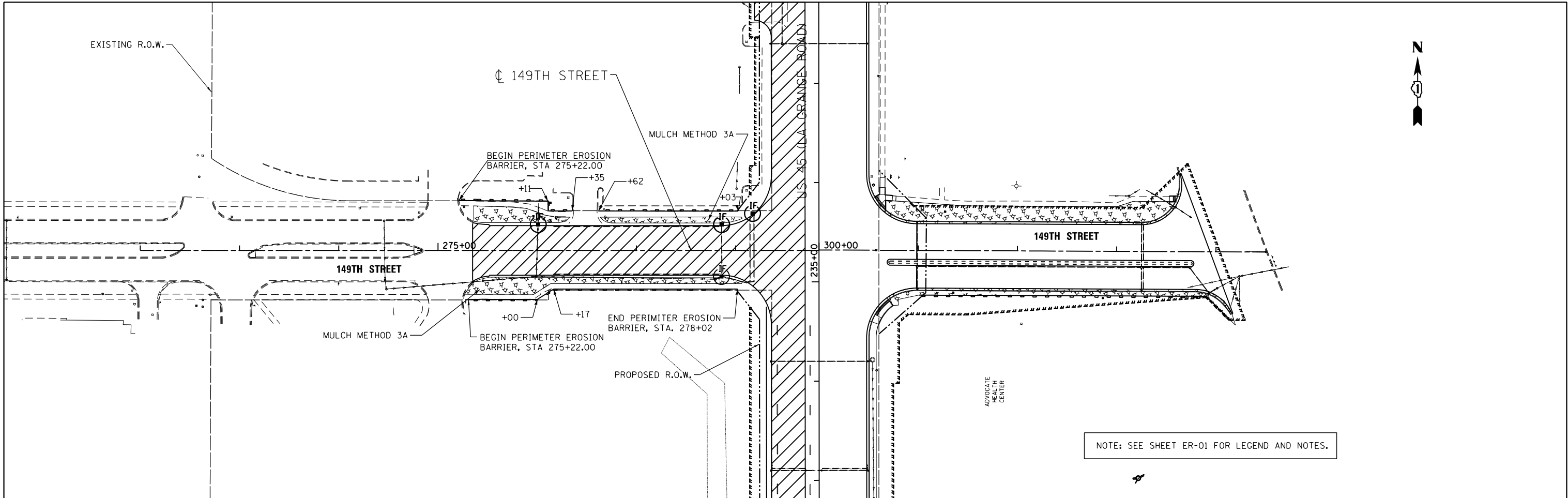
SCALE: 1"=50' SHEET NO. 1 OF 1 SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
330	103R-4	COOK	877	148
ER-23		CONTRACT NO. 60M61		
	ILLINOIS FED. AID PROJECT			





FILE NAME = D160M61-SHT-ER0525.dgn USER NAME = Frank.Stallone DESIGNED - L.N. REVIS -	DRAWN - M.P. CHECKED - W.H.I. DATE - 03/13/2013	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION			EROSION AND SEDIMENT CONTROL PLAN - MIDDLE CONTRACT STAGE A - 147TH STREET AND 144TH PLACE			F.A.P RTE.		SECTION 103R-4		COUNTY COOK		TOTAL SHEETS		SHEET NO.	
					SCALE: 1"=50'			SHEET NO. 1 OF 1 SHEETS		STA. TO STA.		ILLINOIS FED. AID PROJECT		CONTRACT NO. 60M61		877 150	
					NOTE: SEE SHEET ER-01 FOR LEGEND AND NOTES.			ER-25		CONTRACT NO. 60M61		877 150		877 150		877 150	
					NOTE: SEE SHEET ER-01 FOR LEGEND AND NOTES.			ER-25		CONTRACT NO. 60M61		877 150		877 150		877 150	



FILE NAME = D160M61-SHT-ER0526.dgn	USER NAME = Frank.Stallone	DESIGNED - L.N.	REVISED -
		DRAWN - M.P.	REVISED -
	PLOT SCALE = 100.000000' / 1 in.	CHECKED - W.H.I.	REVISED -
	PLOT DATE = 3/15/2013	DATE - 03/13/2013	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

EROSION AND SEDIMENT CONTROL PLAN - MIDDLE CONTRACT
STAGE B - 153RD STREET AND 149TH STREET

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

F.A.P RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
330	103R-4	COOK	877	151
ER-26		CONTRACT NO. 60M61		
ILLINOIS		FED. AID PROJECT		

FILE NAME =
D160M61-SHT-ER0527.dgn

USER NAME = Frank.Stallone
PLOT SCALE = 100.000000' / 1" = 100'
PLOT DATE = 3/15/2013

DESIGNED - L.N.
DRAWN - M.P.
CHECKED - W.H.I.
DATE - 03/13/2013

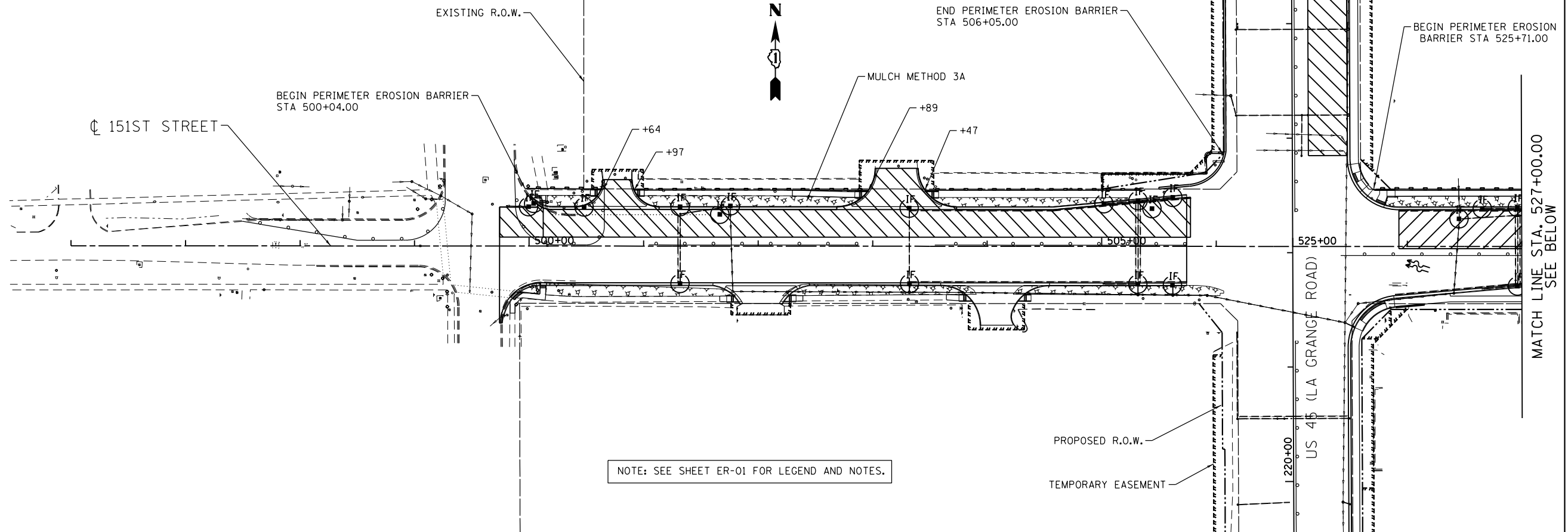
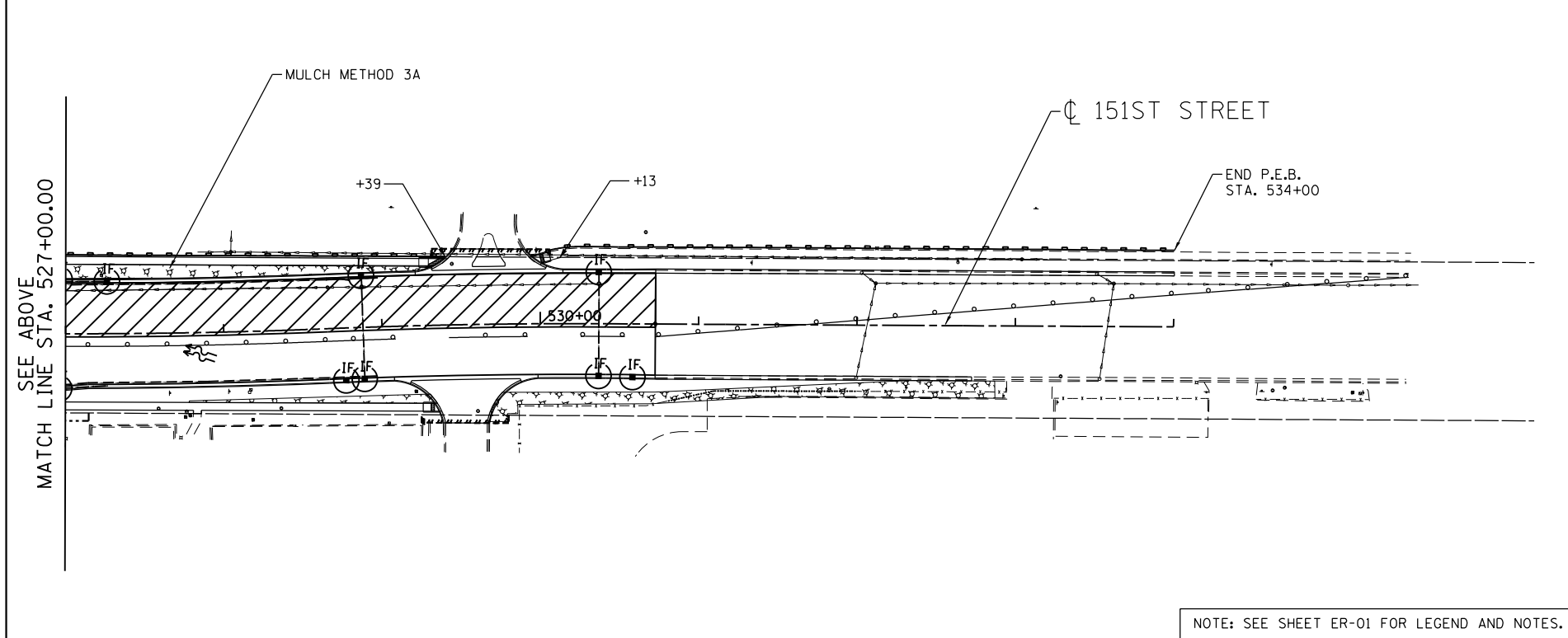
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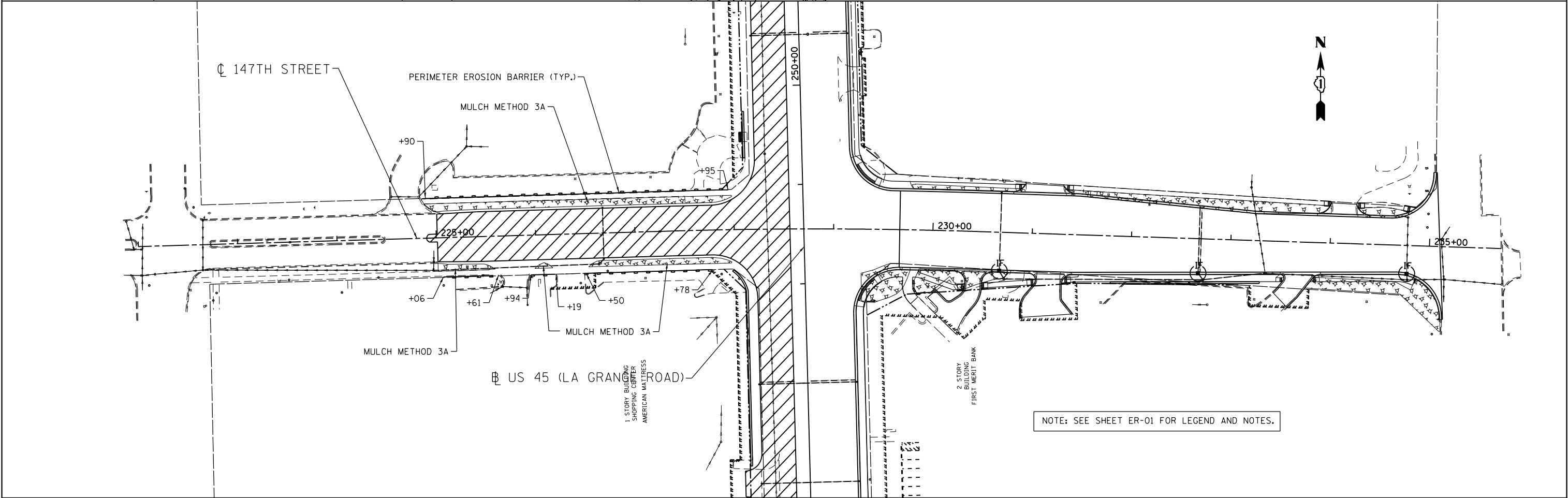
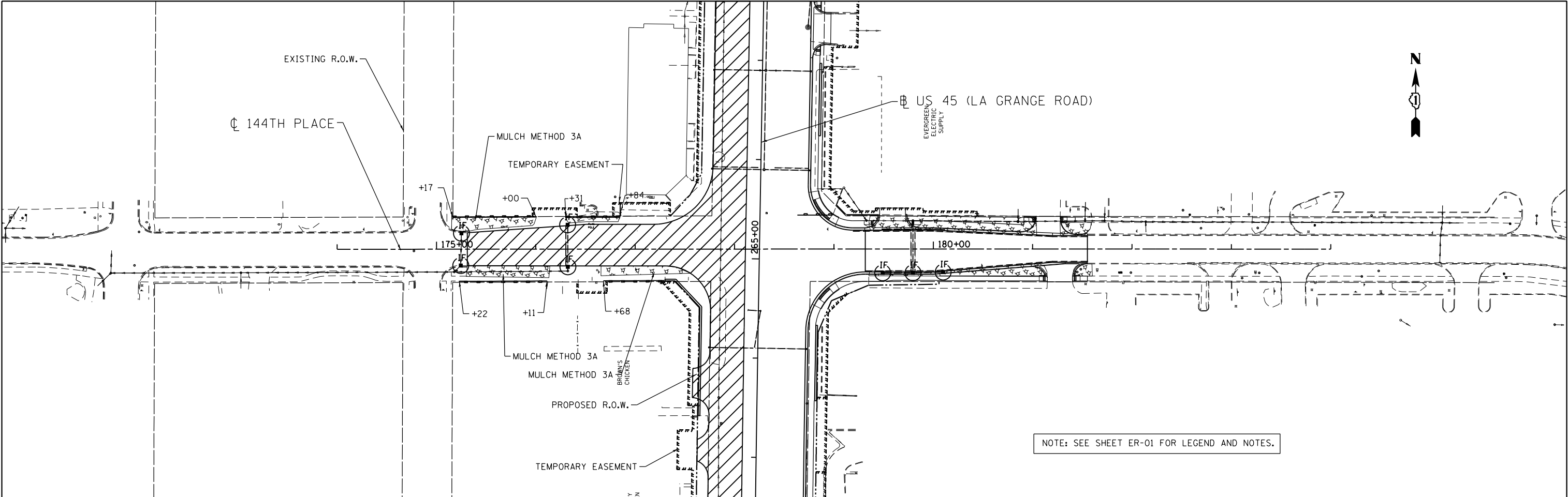
**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**EROSION AND SEDIMENT CONTROL PLAN - MIDDLE CONTRACT
STAGE B - 151ST STREET**

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

F.A.P RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
330	103R-4	COOK	877	152
ER-27		CONTRACT NO. 60M61		
		ILLINOIS FED. AID PROJECT		





FILE NAME =
D160M61-SHT-ER0528.dgn

USER NAME = Frank.Stallone
PLOT SCALE = 100.000000' / 1" =
PLOT DATE = 3/15/2013

DESIGNED - L.N.
DRAWN - M.P.
CHECKED - W.H.I.
DATE - 03/13/2013

REVISED -
REVISED -
REVISED -
REVISED -

STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION

EROSION AND SEDIMENT CONTROL PLAN - MIDDLE CONTRACT STAGE B - 147TH STREET AND 144TH PLACE			
SCALE: 1"=50'	SHEET NO. 1 OF 1 SHEETS	STA.	TO STA.

F.A.P RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
330	103R-4	COOK	877	153
ER-28		CONTRACT NO. 60M61		
ILLINOIS		FED. AID PROJECT		

FILE NAME =
D160M61-SHT-ER0529.dgn

USER NAME = Frank.Stallone
PLOT SCALE = 100.000000' / 1" IN.
PLOT DATE = 3/15/2013

DESIGNED - L.N.
DRAWN - M.P.
CHECKED - W.H.I.
DATE - 03/13/2013

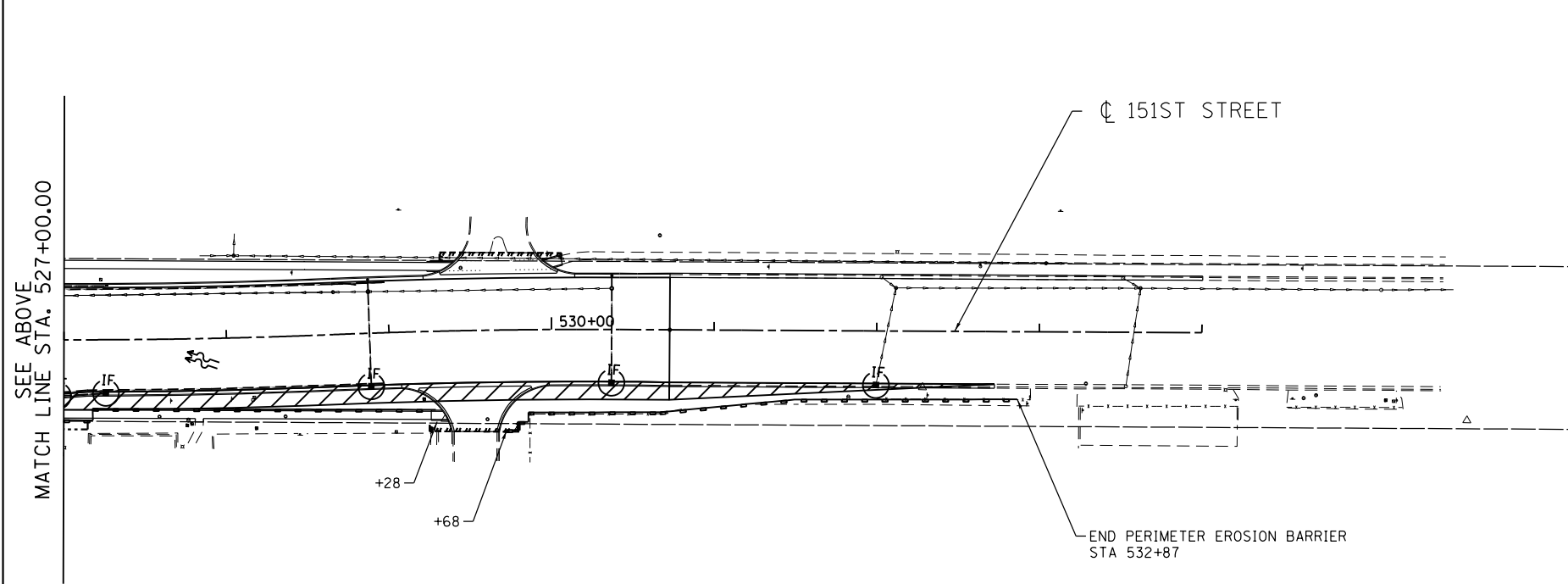
REVISED -
REVISED -
REVISED -
REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

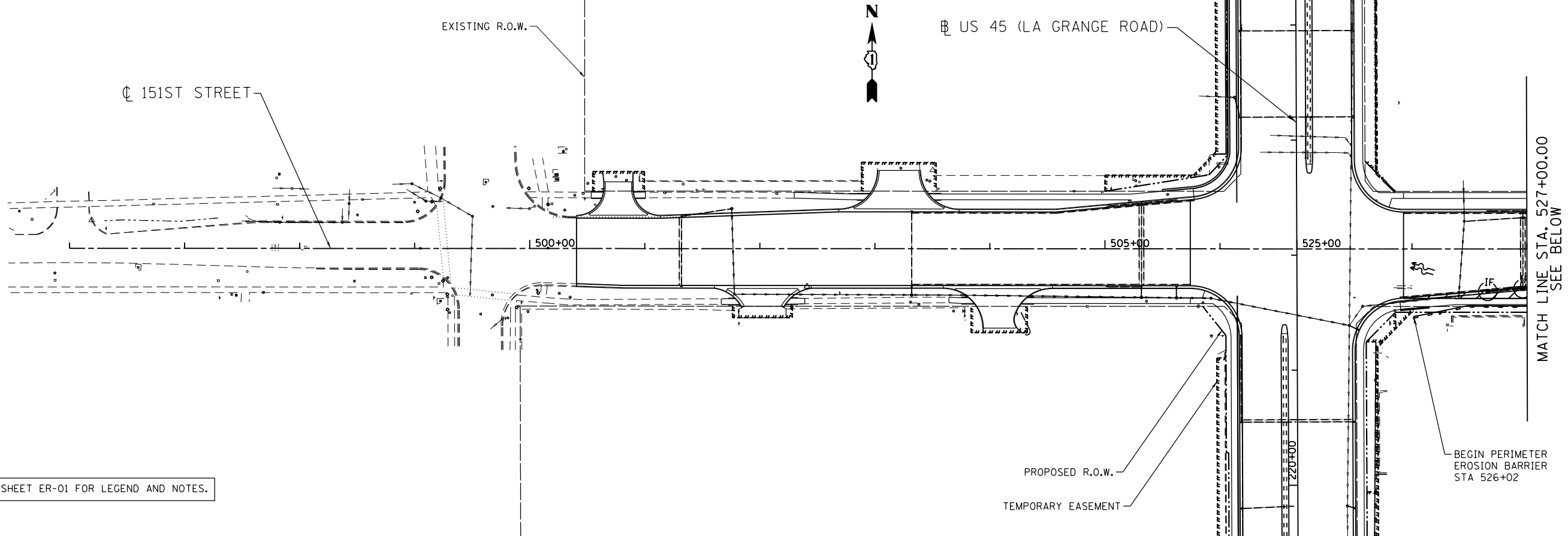
**EROSION AND SEDIMENT CONTROL PLAN - MIDDLE CONTRACT
STAGE C - 151ST STREET**

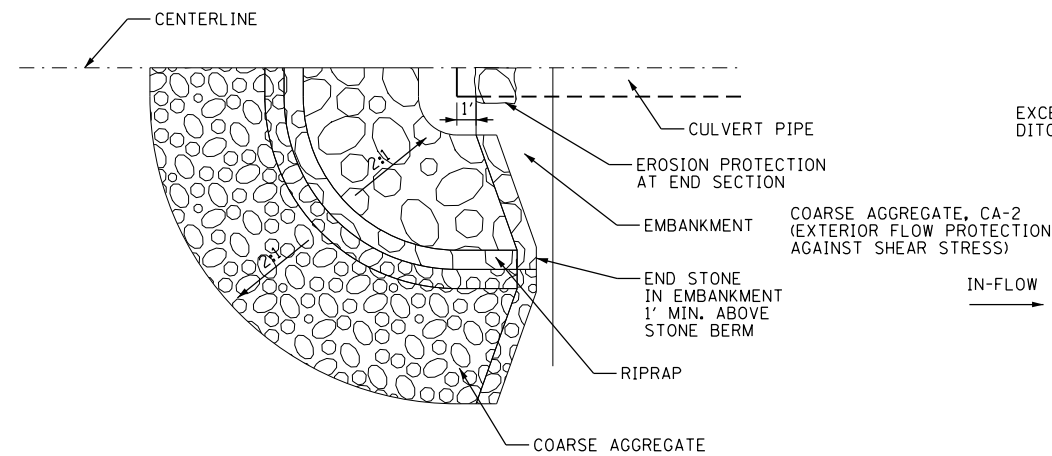
SCALE: 1"=50' SHEET NO. 1 OF 1 SHEETS STA. TO STA.

F.A.P RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
330	103R-4	COOK	877	154
ER-29		CONTRACT NO. 60M61		
		ILLINOIS FED. AID PROJECT		

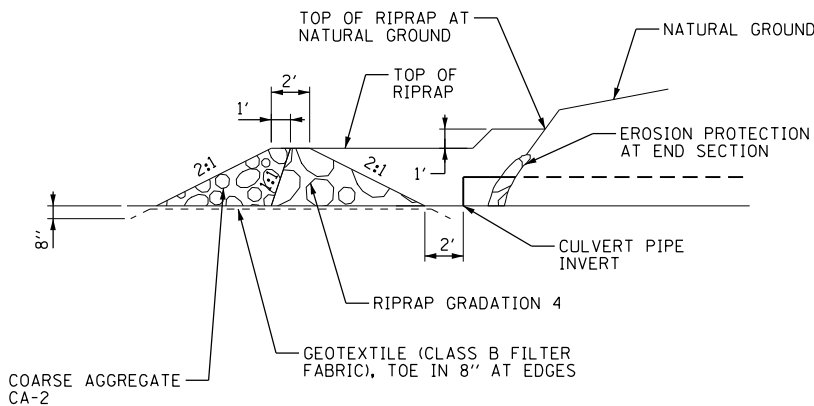


NOTE: SEE SHEET ER-01 FOR LEGEND AND NOTES.



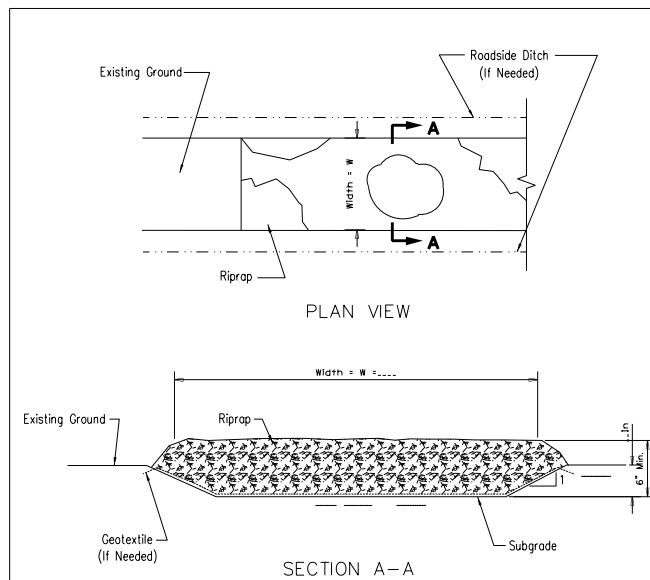


HALF PLAN VIEW



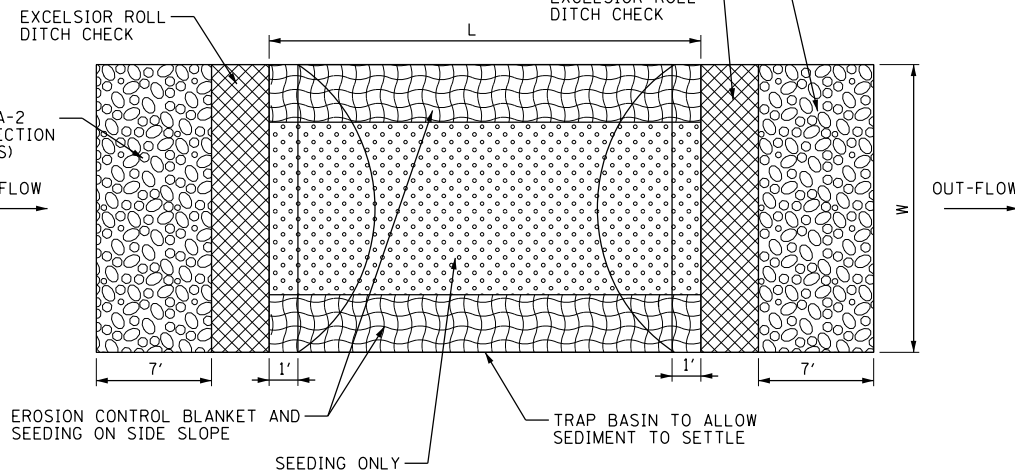
CENTERLINE CROSS SECTION

AGGREGATE BERM

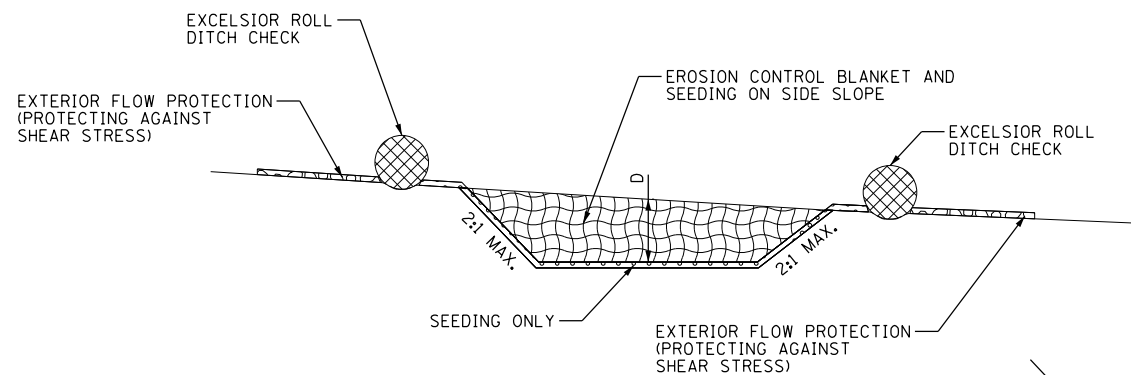


NOTES:
1. Rock shall meet one of the following IDOT coarse aggregate gradations, CA-1, CA-2, CA-3 or CA-4 and be placed according to construction specification 25 ROCKFILL using placement Method 1 and Class III compaction. 2. See plans for construction road location, D and W dimensions. 3. Minimum width 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) ASTM D 4632 _____ 180 Elongation at failure (%) ASTM D 4632 _____ 50 Puncture (lb) ASTM D 4833 _____ 80 Ultraviolet light (% residual tensile strength) _____ 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.

NOTE:
REQUIRED CONSTRUCTION ENTRANCE/EXIT/ROAD STABILIZATIONS WILL NOT BE PAID FOR SEPERATELY, BUT WILL BE BUILT ACCORDING TO DETAIL.

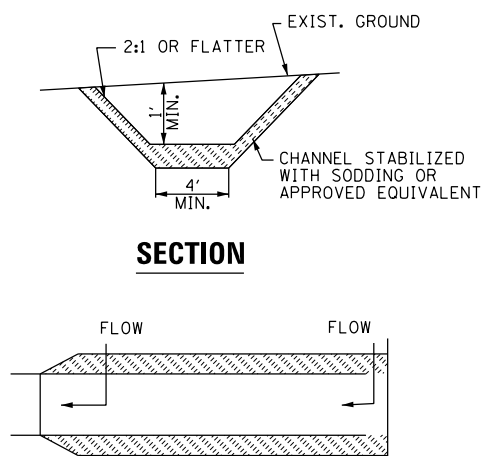


PLAN VIEW



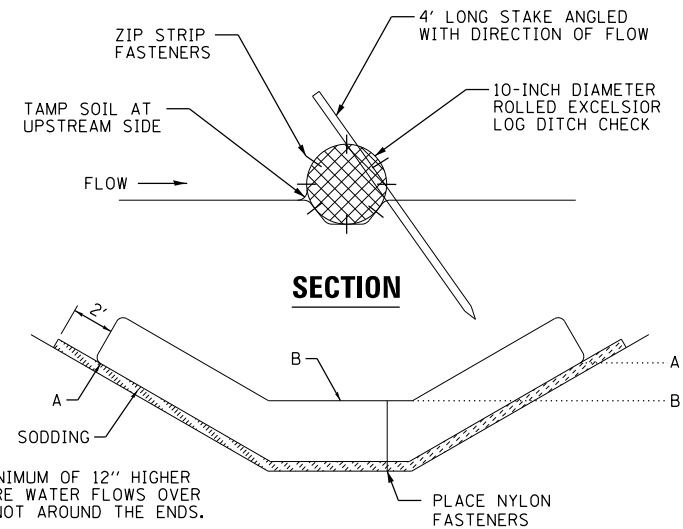
SECTION

SEDIMENT TRAP



PLAN VIEW

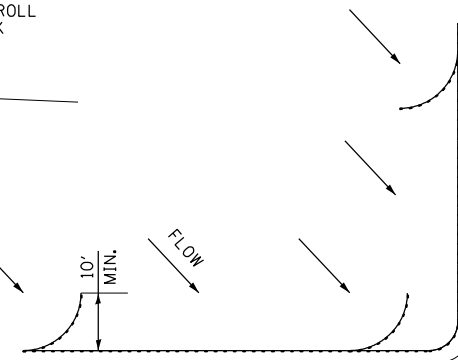
TEMPORARY SWALE



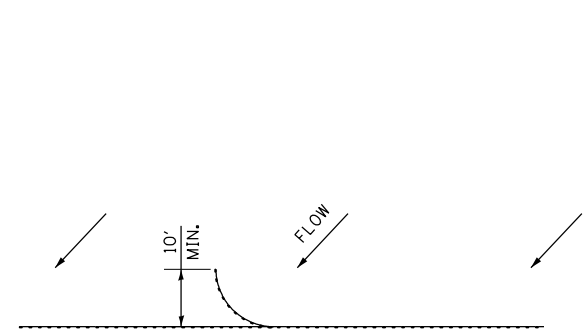
ELEVATION

**TEMPORARY DITCH CHECK
ROLLED EXCELSIOR**

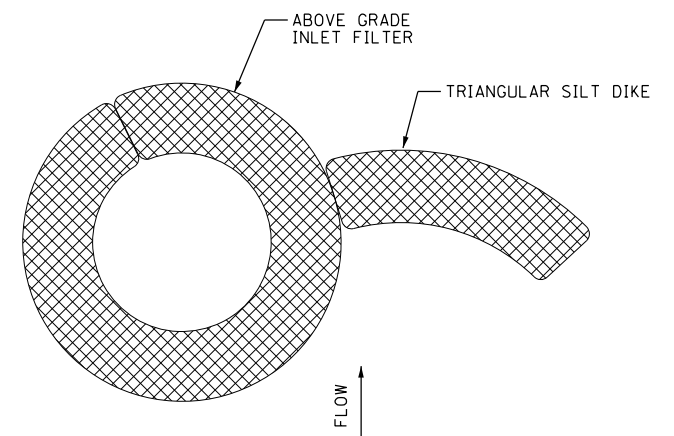
POINT A MUST BE A MINIMUM OF 12" HIGHER THAN POINT B TO INSURE WATER FLOWS OVER THE DITCH CHECK AND NOT AROUND THE ENDS.



"J" HOOKS AT CORNER



**"J" HOOKS AT PERIMETER CONTROL
SILT FENCE PLACEMENT**



**ABOVE GRADE INLET FILTER
WITH TRIANGULAR SILT DIKE**

- 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.

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			
JUNCTION CHAMBER		DRAINAGE STRUCTURE TO BE RECONSTRUCTED	

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			
MANHOLE		MULTIPLE DRAINAGE STRUCTURE ADJUSTMENTS	
MH W/RESTRICTOR PLATE		INSTALL FRAMES AND GRATES	
RIP RAP			
JUNCTION CHAMBER			

FILE NAME = D160M61-SHT-DRAIN NOTES-01.dgn SHT_PLAN	USER NAME = Anthony.Plutz	DESIGNED - EJD	REVISED -
		DRAWN - EJD	REVISED -
	PLOT SCALE = 40.0000' / in.	CHECKED - JWM	REVISED -
	PLOT DATE = 3/13/2013	DATE - 03/13/2013	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

DRAINAGE NOTES AND LEGEND

SCALE: 1"=20' SHEET 1 OF 3 SHEETS STA. BEGIN TO STA. 181+00.00

F.A.P RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
330	103R-4	COOK	877	156
DN-01		CONTRACT NO. 60M61		
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 OUTLET PIPES AND DRAINAGE STRUCTURES, REGRADE ADJACENT AREAS TO MAINTAIN FLOW AS REQUIRED, PATCH PAVEMENT, AND REPAIR CURB AND GUTTER. EXISTING CONNECTIONS TO NEW STORM SEWERS SHALL BE REESTABLISHED TO MAINTAIN FLOW AS REQUIRED.

- STA. 197+95
- STA. 199+17
- STA. 223+20
- STA. 267+90
- STA. 268+91

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

FROM STR. NO. TO STR. NO.

- EX119 EX120 PIPE ANGLED FROM MEDIAN TO WEST PARKWAY
- 502 EX531 EXISTING WEST PARKWAY
- 580 581A MEDIAN
- 588A 591 MEDIAN

EXTEND 9 FT. x 6 FT. BOX CULVERT AT MARLEY CREEK.

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

- STA. 237+40
- STA. 238+40
- STA. 239+40
- STA. 240+40
- STA. 241+40
- STA. 242+71
- STA. 244+05
- STA. 245+00
- STA. 254+47
- STA. 260+90

TEMPORARILY CONNECT THE EXISTING STORM SEWER LATERAL PIPES DRAINING THE SOUTHBOUND EDGE OF PAVEMENT DRAINAGE STRUCTURES TO THE PROPOSED WEST PARKWAY MAIN DRAIN STORM SEWER AT THE FOLLOWING LOCATIONS:

- STA. 238+85
- STA. 241+34
- STA. 242+90
- STA. 243+70
- STA. 261+06

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. 183+08 32' LT

• S-2 STA. 185+68 32' LT

• S-3 STA. 189+23 32' LT

• S-4 STA. 191+74 32' LT

• S-5 STA. 195+02 32' LT

• S-6 STA. 196+53 32' LT

• S-7 STA. 196+90 32' LT

• S-8 STA. 198+53 32' LT

• S-9 STA. 200+42 32' LT

• S-10 STA. 202+32 32' LT

• S-11 STA. 204+21 32' LT

• S-12 STA. 206+12 32' LT

• S-13 STA. 208+03 32' LT

• S-14 STA. 209+93 32' LT

• S-15 STA. 212+94 32' LT

• S-16 STA. 214+92 32' LT

• S-17 STA. 216+86 32' LT

• S-18 STA. 218+44 32' LT

• S-19 STA. 220+02 32' LT

• S-20 STA. 222+99 32' LT

• S-21 STA. 223+16 25' LT
- S-22 STA. 224+53 32' LT

• S-23 STA. 226+22 32' LT

• S-24 STA. 229+75 32' LT

• S-25 STA. 231+93 32' LT

• S-26 STA. 234+43 32' LT

• S-27 STA. 238+64 32' LT

• S-28 STA. 241+14 32' LT

• S-29 STA. 242+56 32' LT

• S-30 STA. 243+52 32' LT

• S-31 STA. 244+40 32' LT

• S-32 STA. 247+08 32' LT

• S-33 STA. 249+54 32' LT

• S-34 STA. 251+25 32' LT

• S-35 STA. 252+70 32' LT

• S-36 STA. 254+10 32' LT

• S-37 STA. 255+85 32' LT

• S-38 STA. 260+96 32' LT

• S-39 STA. 264+65 32' LT

• S-40 STA. 268+02 32' LT

• S-41 STA. 269+00 40' LT

TEMPORARY STORM SEWER

PIPE NO. FROM STA. TO STA.

- P-1 183+08 182+98 TEMP CB TO EXIST CB

• P-2 185+68 185+58 TEMP CB TO EXIST CB

• P-3 189+23 189+33 TEMP CB TO EXIST CB

• P-4 189+34 190+30 EXIST EOP CB TO DRN STR NO. EX206

• P-5 191+74 191+84 TEMP CB TO EXIST CB

• P-6 195+02 195+12 TEMP CB TO EXIST CB

• P-7 196+53 196+63 TEMP CB TO EXIST CB

• P-8 196+90 196+80 TEMP CB TO EXIST CB

• P-9 198+45 197+95 EXIST EOP CB TO DRN STR NO. 235

• P-10 198+53 198+43 TEMP CB TO EXIST CB

• P-11 200+42 200+32 TEMP CB TO EXIST CB

• P-12 202+32 202+22 TEMP CB TO EXIST CB

• P-13 204+21 204+11 TEMP CB TO EXIST CB

• P-14 206+12 206+02 TEMP CB TO EXIST CB

• P-15 208+03 207+93 TEMP CB TO EXIST CB

• P-16 209+93 209+83 TEMP CB TO EXIST CB

• P-17 212+94 212+84 TEMP CB TO EXIST CB

• P-18 214+92 214+82 TEMP CB TO EXIST CB

• P-19 216+86 216+76 TEMP CB TO EXIST CB

• P-20 218+44 218+34 TEMP CB TO EXIST CB

• P-21 220+02 219+92 TEMP CB TO EXIST CB

• P-22 222+99 222+89 TEMP CB TO EXIST CB

• P-23 223+16 223+06 TEMP CB TO EXIST CB

• P-24 224+53 224+43 TEMP CB TO EXIST CB

• P-25 226+22 226+12 TEMP CB TO EXIST CB

• P-26 229+75 229+65 TEMP CB TO EXIST CB

• P-27 231+93 231+83 TEMP CB TO EXIST CB

• P-28 234+43 234+33 TEMP CB TO EXIST CB

PRE-STAGE (CONTINUED)

TEMPORARY STORM SEWER

PIPE NO. FROM STA. TO STA.

- P-29 238+64 238+74 TEMP CB TO EXIST CB

• P-30 241+14 241+24 TEMP CB TO EXIST CB

• P-31 242+56 242+66 TEMP CB TO EXIST CB

• P-32 243+52 243+62 TEMP CB TO EXIST CB

• P-33 244+40 244+50 TEMP CB TO EXIST CB

• P-34 247+08 247+18 TEMP CB TO EXIST CB

• P-35 249+54 249+44 TEMP CB TO EXIST CB

• P-36 251+25 251+35 TEMP CB TO EXIST CB

• P-37 252+70 252+80 TEMP CB TO EXIST CB

• P-38 254+10 254+20 TEMP CB TO EXIST CB

• P-39 255+85 255+95 TEMP CB TO EXIST CB

• P-40 260+96 261+06 TEMP CB TO EXIST CB

• P-41 264+65 264+75 TEMP CB TO EXIST CB

• P-42 268+02 268+12 TEMP CB TO EXIST CB

• P-43 269+00 269+10 TEMP CB TO EXIST CB

EXISTING DRAINAGE STRUCTURES AT THE FOLLOWING LOCATIONS SHALL BE ADJUSTED:

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

- STA. 180+39 43' LT

• STA. 182+98 32' LT

• STA. 185+59 32' LT

• STA. 189+34 32' LT

• STA. 191+85 32' LT

• STA. 195+12 32' LT

• STA. 196+65 32' LT

• STA. 196+80 32' LT

• STA. 198+40 32' LT

• STA. 200+32 32' RT

• STA. 202+22 32' LT

• STA. 204+12 32' LT

• STA. 206+02 32' LT

• STA. 207+95 32' LT

• STA. 209+85 32' RT

• STA. 212+83 32' LT

• STA. 214+82 32' LT

• STA. 216+75 32' LT

• STA. 218+35 32' LT

• STA. 219+95 32' LT
- STA. 223+06 25' LT

• STA. 223+42 37' LT

• STA. 224+43 32' LT

• STA. 226+12 32' LT

• STA. 229+65 32' LT

• STA. 231+80 32' LT

• STA. 234+33 32' LT

• STA. 238+75 32' LT

• STA. 241+44 32' LT

• STA. 242+66 32' LT

• STA. 242+75 32' LT

• STA. 243+61 32' LT

• STA. 244+50 32' LT

• STA. 247+18 32' LT

• STA. 249+44 32' LT

• STA. 251+35 32' LT

• STA. 252+82 32' LT

• STA. 254+20 32' LT

• STA. 255+95 32' LT

• STA. 268+10 32' LT

MANHOLES TO BE ADJUSTED

- STA. 223+40 46' LT

• STA. 229+65 44' LT

• STA. 244+66 35' LT

• STA. 247+26 38' LT

• STA. 249+30 38' LT

• STA. 252+92 38' LT
- STA. 254+44 34' LT

• STA. 256+06 34' LT

• STA. 261+12 38' LT

• STA. 263+60 35' LT

• STA. 268+25 40' LT

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

- STA. 222+95 32' LT

• STA. 254+35 32' LT

• STA. 264+76 35' LT

• STA. 269+10 40' LT

FILE NAME =	USER NAME = Anthony.Plutz	DESIGNED - DLT	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	SUGGESTED SEQUENCE OF DRAINAGE INSTALLATION				F.A.P RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
D160M61-SHT-DRAIN NOTES-02.dgn		DRAWN - NFT	REVISED -						330	103R-4	COOK	877	157
	PLOT SCALE = 100.00 ' / in.	CHECKED -	REVISED -		DN-02		CONTRACT NO. 60M61						
SHT_PLAN	PLOT DATE = 3/13/2013	DATE - 03/13/2013	REVISED -		SCALE: NONE SHEET 2 OF 3 SHEETS STA. 179+90.00 TO STA. 274+17.72 ILLINOIS FED. AID PROJECT								

SUGGESTED SEQUENCE OF DRAINAGE INSTALLATION

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.

EXTEND 9 FT. x 6 FT. BOX CULVERT AT MARLEY CREEK.

EXISTING DRAINAGE STRUCTURES AT THE FOLLOWING LOCATIONS SHALL BE ADJUSTED:

CATCH BASINS TO BE ADJUSTED

- STA. 178+74 49’ RT
- STA. 178+82 49’ RT
- STA. 178+89 49’ RT
- STA. 200+60 99’ RT
- STA. 201+09 94’ RT
- STA. 203+02 60’ RT

INLETS TO BE ADJUSTED

- STA. 270+23 50’ RT

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

MANHOLES TO BE ADJUSTED

STR. NO.

- 443
- EX430
- EX400
- EX385A
- EX370

STR. NO.

- EX350
- EX343
- EX330
- EX312
- EX585

STR. NO.

- 504
- 511A

STR. NO.

- 341
- 520
- 551

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.

EXISTING DRAINAGE STRUCTURES AT THE FOLLOWING LOCATIONS SHALL BE ADJUSTED:

CATCH BASINS TO BE ADJUSTED

- STA. 178+76 2’ LT
- STA. 178+88 2’ LT

MANHOLES TO BE ADJUSTED

- STA. 179+01 3’ LT
- STA. 179+17 4’ RT

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

CATCH BASINS TO BE ADJUSTED

STR. NO.

- 340
- 505

STR. NO.

- 511B
- 564A

INLETS TO BE RECONSTRUCTED

STR. NO.

- 529A

STAGE 2 (CONTINUED)

MANHOLES TO BE RECONSTRUCTED

STR. NO.

- EX394

STR. NO.

- EX534

STR. NO.

- EX537

STR. NO.

- EX538A

MANHOLES TO BE ADJUSTED

STR. NO.

- EX119
- EX110A
- EX108
- EX105
- EX206
- EX211
- EX214
- EX217
- EX220
- EX223
- EX232

STR. NO.

- EX233A
- 443C
- EX435
- EX429
- EX430
- EX423
- EX420
- EX414
- EX412
- EX409
- EX406

STR. NO.

- EX402A
- EX403
- EX399
- EX391
- EX388
- EX385
- EX384
- EX381
- EX378
- EX373
- EX373A

STR. NO.

- EX369A
- EX366
- EX361
- EX358
- EX355
- EX349
- EX333
- EX329
- EX329A
- EX326
- EX321

STR. NO.

- EX318
- EX315
- EX309
- EX311
- EX305
- EX542
- EX543A
- EX546
- EX560A
- EX560
- EX563

STR. NO.

- EX570
- EX577
- EX575
- 580
- 580A
- 581A
- 591
- 590

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.

EXISTING DRAINAGE STRUCTURES AT THE FOLLOWING LOCATIONS SHALL BE ADJUSTED:

CATCH BASINS TO BE ADJUSTED

- STA. 178+84 61’ LT
- STA. 178+91 60’ LT
- STA. 230+47 67’ LT
- STA. 230+81 66’ LT

MANHOLES TO BE ADJUSTED

- STA. 179+07 48’ LT
- STA. 255+61 57’ LT

INLETS TO BE ADJUSTED

- STA. 272+07 49’ LT

ADJUST 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 WITH NEW TYPE 23 FRAME AND GRATE

STR. NO.

- 521

STR. NO.

- 552

STR. NO.

- 564B

MANHOLES TO BE RECONSTRUCTED

STR. NO.

- EX538

CATCH BASINS TO BE RECONSTRUCTED WITH NEW TYPE 23 FRAME AND GRATE

STR. NO.

- 529B

CATCH BASINS TO BE ADJUSTED

STR. NO.

- 339

STAGE 3 (CONTINUED)

MANHOLES TO BE ADJUSTED

STR. NO.

- EX120
- 115
- 235
- 445

STR. NO.

- 338
- 502
- 507
- 510

STR. NO.

- 513
- 516
- 525
- 528

STR. NO.

- EX531
- EX539
- EX543
- EX547

STR. NO.

- EX557
- EX567
- EX571
- 581B

STR. NO.

- EX584

REMOVE TEMPORARY CONNECTION FROM THE EXISTING STORM SEWER LATERAL PIPES DRAINING THE SOUTHBOUND EDGE OF PAVEMENT DRAINAGE STRUCTURES TO THE PROPOSED MEDIAN MAIN DRAIN STORM SEWER AND PLUG PIPE AT THE FOLLOWING LOCATIONS:

- STA. 238+73
- STA. 240+25
- STA. 242+85
- STA. 243+62
- STA. 260+07

REMOVE TEMPORARY CONNECTIONS INSTALLED AS PART OF CONSTRUCTION CONTRACT 60W09 FROM THE EXISTING STORM SEWER LATERAL PIPES DRAINING THE SOUTHBOUND EDGE OF PAVEMENT AND MEDIAN DRAINAGE STRUCTURES TO THE PROPOSED MEDIAN MAIN DRAIN STORM SEWER AND PLUG PIPE AT THE FOLLOWING LOCATIONS:

- STA. 191+84
- STA. 195+15
- STA. 196+80
- STA. 202+23
- STA. 204+12
- STA. 206+00
- STA. 207+95
- STA. 209+80
- STA. 212+85
- STA. 216+75
- STA. 218+35
- STA. 219+95
- STA. 226+12
- STA. 229+65
- STA. 231+80
- STA. 247+20
- STA. 252+80
- STA. 257+33
- STA. 263+50

STAGE 4

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

ADJUST THE FOLLOWING PREVIOUSLY INSTALLED DRAINAGE STRUCTURES:

MANHOLES TO BE ADJUSTED

STR. NO.

- EX119
- EX110A
- EX108
- EX105
- EX206
- EX211
- EX214
- EX217
- EX220
- EX223
- EX232

STR. NO.

- EX233A
- 443C
- EX435
- EX429
- EX430
- EX423
- EX420
- EX414
- EX412
- EX409
- EX406

STR. NO.

- EX402A
- EX403
- EX399
- EX394
- EX391
- EX388
- EX385
- EX384
- EX381
- EX378
- EX373

STR. NO.

- EX373A
- EX369A
- EX366
- EX329
- EX329A
- EX326
- EX321
- EX318
- EX315
- EX309
- EX311

STR. NO.

- EX305
- EX534
- EX537
- EX538A
- EX542
- EX543A
- EX546
- EX560A
- EX560
- EX563
- EX570

STR. NO.

- EX577
- EX575
- 580
- 580A
- 581A
- 591
- 590

REPLACE THE FRAMES AND GRATES OF THE FOLLOWING DRAINAGE STRUCTURES:

FRAMES AND GRATES, TYPE 23

STR. NO.

- 110
- 111
- 105A
- 105B
- 201
- 208
- 209
- 218A
- 218B
- 221A
- 227

STR. NO.

- 443A
- 432
- 433
- 424A
- 424B
- 420A
- 418A
- 412A
- 404B
- 396
- 397

STR. NO.

- 391A
- 390A
- 382A
- 383A
- 375
- 376
- 371A
- 371B
- 363
- 364
- 385A

STR. NO.

- 349A
- 340A
- 340
- 341
- 334A
- 335A
- 327A
- 328A
- 320A
- 314A
- 305A

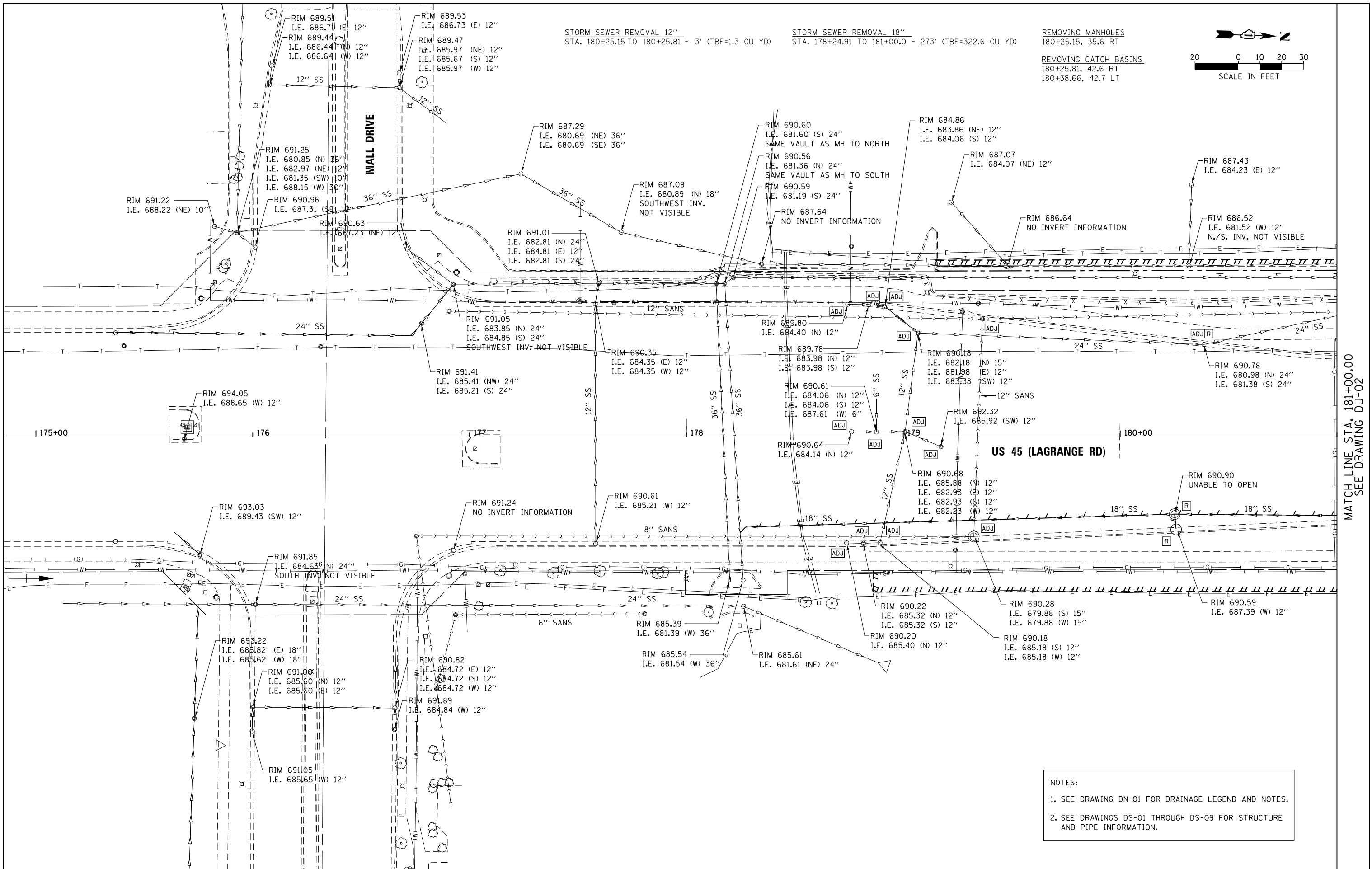
STR. NO.

- 504
- 505
- 511A
- 511B
- 520
- 529A
- 542A
- 545A
- 544A
- 544B
- 551

STR. NO.

- 558A
- 561A
- 564A
- 568A
- 573
- 578B
- 579B
- 592
- 594
- 588

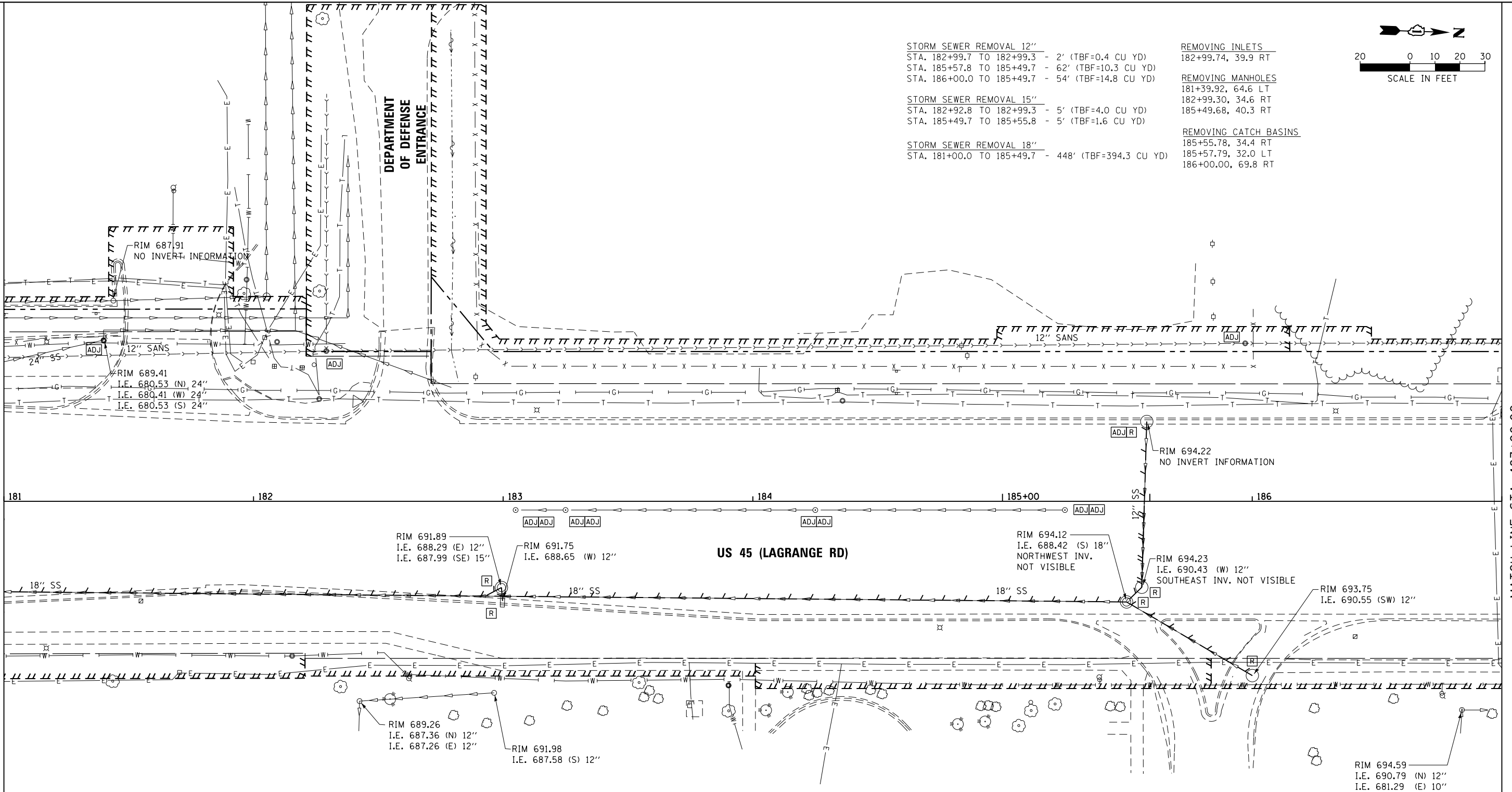
FILE NAME = D160M61-SHT-DRAIN NOTES-03.dgn SHT_PLAN	USER NAME = Anthony.Plutz	DESIGNED - DLT	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	SUGGESTED SEQUENCE OF DRAINAGE INSTALLATION				F.A.P RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
		DRAWN - NFT	REVISED -						330	103R-4	COOK	877	158
	PLOT SCALE = 100.00 ' / in.	CHECKED -	REVISED -						DN-03		CONTRACT NO. 60M61		
	PLOT DATE = 3/13/2013	DATE - 03/13/2013	REVISED -						ILLINOIS FED. AID PROJECT				
				SCALE: NONE		SHEET 3	OF 3	SHEETS	STA. 179+90.00 TO STA. 274+17.72				



NOTES:
1. SEE DRAWING DN-01 FOR DRAINAGE LEGEND AND NOTES.
2. SEE DRAWINGS DS-01 THROUGH DS-09 FOR STRUCTURE AND PIPE INFORMATION.

FILE NAME = D160M61-SHT-DRAINEX01.dgn SHT_PLAN	USER NAME = Anthony.Plutz	DESIGNED - EJD	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	EXISTING DRAINAGE PLAN - US 45 (LAGRANGE ROAD)				F.A.P RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
		DRAWN - EJD	REVISED -						330	103R-4	COOK	877	159
	PLOT SCALE = 40.0000' / in.	CHECKED - JWM	REVISED -						DU-01		CONTRACT NO. 60M61		
	PLOT DATE = 3/14/2013	DATE - 03/13/2013	REVISED -						ILLINOIS FED. AID PROJECT				
					SCALE: 1"=20'	SHEET 1 OF 17 SHEETS	STA. BEGIN TO STA. 181+00.00						

SEE DRAWING DU-01
MATCH LINE STA. 181+00.00



STORM SEWER REMOVAL 12"
STA. 182+99.7 TO 182+99.3 - 2' (TBF=0.4 CU YD)
STA. 185+57.8 TO 185+49.7 - 62' (TBF=10.3 CU YD)
STA. 186+00.0 TO 185+49.7 - 54' (TBF=14.8 CU YD)

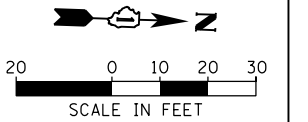
STORM SEWER REMOVAL 15"
STA. 182+92.8 TO 182+99.3 - 5' (TBF=4.0 CU YD)
STA. 185+49.7 TO 185+55.8 - 5' (TBF=1.6 CU YD)

STORM SEWER REMOVAL 18"
STA. 181+00.0 TO 185+49.7 - 448' (TBF=394.3 CU YD)

REMOVING INLETS
182+99.74, 39.9 RT

REMOVING MANHOLES
181+39.92, 64.6 LT
182+99.30, 34.6 RT
185+49.68, 40.3 RT

REMOVING CATCH BASINS
185+55.78, 34.4 RT
185+57.79, 32.0 LT
186+00.00, 69.8 RT

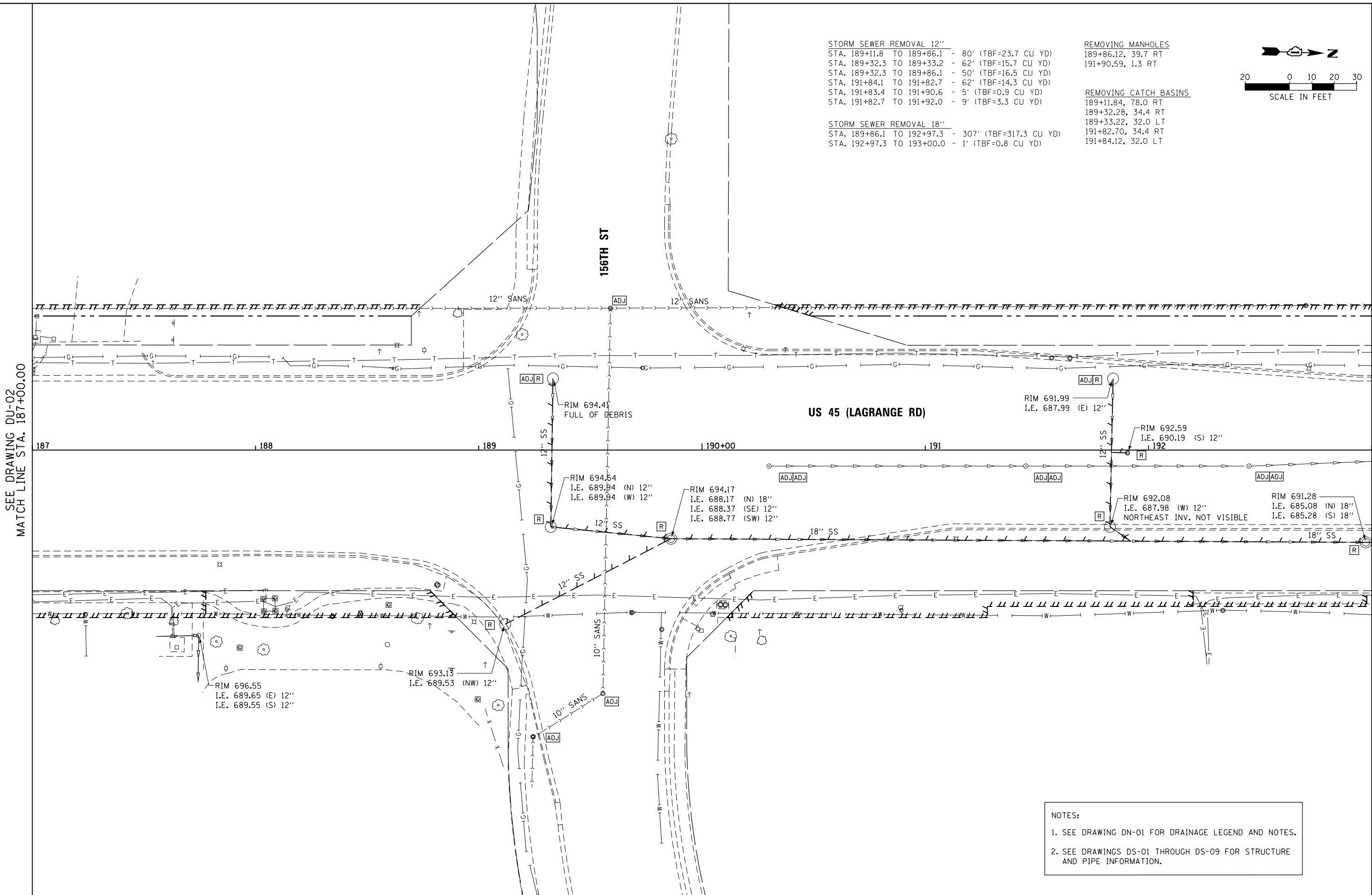


MATCH LINE STA. 187+00.00
SEE DRAWING DU-03

NOTES:
1. SEE DRAWING DN-01 FOR DRAINAGE LEGEND AND NOTES.
2. SEE DRAWINGS DS-01 THROUGH DS-09 FOR STRUCTURE AND PIPE INFORMATION.

FILE NAME = D160M61-SHT-DRAINEX02.dgn SHT_PLAN	USER NAME = Anthony.Plutz	DESIGNED - EJD	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	EXISTING DRAINAGE PLAN - US 45 (LAGRANGE ROAD)				F.A.P RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
		DRAWN - EJD	REVISED -						330	103R-4	COOK	877	160
	PLOT SCALE = 40.0000' / in.	CHECKED - JWM	REVISED -		DU-02		CONTRACT NO. 60M61						
	PLOT DATE = 3/14/2013	DATE - 03/13/2013	REVISED -		SCALE: 1"=20'	SHEET 2 OF 17 SHEETS	STA. 181+00.00 TO STA. 187+00.00	ILLINOIS FED. AID PROJECT					

SEE DRAWING DU-02
MATCH LINE STA. 187+00.00

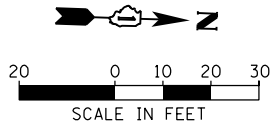


STORM SEWER REMOVAL 12"
STA. 189+11.8 TO 189+86.1 - 80' (TBF=23.7 CU YD)
STA. 189+32.3 TO 189+33.2 - 62' (TBF=15.7 CU YD)
STA. 189+32.3 TO 189+86.1 - 50' (TBF=16.5 CU YD)
STA. 191+84.1 TO 191+82.7 - 62' (TBF=14.3 CU YD)
STA. 191+83.4 TO 191+90.6 - 5' (TBF=0.9 CU YD)
STA. 191+82.7 TO 191+92.0 - 9' (TBF=3.3 CU YD)

STORM SEWER REMOVAL 18"
STA. 189+86.1 TO 192+97.3 - 307' (TBF=317.3 CU YD)
STA. 192+97.3 TO 193+00.0 - 1' (TBF=0.8 CU YD)

REMOVING MANHOLES
189+86.12, 39.7 RT
191+90.59, 1.3 RT

REMOVING CATCH BASINS
189+11.84, 78.0 RT
189+32.28, 34.4 RT
189+33.22, 32.0 LT
191+82.70, 34.4 RT
191+84.12, 32.0 LT



US 45 (LAGRANGE RD)

MATCH LINE STA. 193+00.00
SEE DRAWING DU-04

- NOTES:
- SEE DRAWING DN-01 FOR DRAINAGE LEGEND AND NOTES.
 - SEE DRAWINGS DS-01 THROUGH DS-09 FOR STRUCTURE AND PIPE INFORMATION.

FILE NAME = D160M61-SHT-DRAINEX03.dgn SHT_PLAN	USER NAME = Anthony.Plutz	DESIGNED - EJD	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	EXISTING DRAINAGE PLAN - US 45 (LAGRANGE ROAD)				F.A.P RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
		DRAWN - EJD	REVISED -						330	103R-4	COOK	877	161
	PLOT SCALE = 40.0000' / in.	CHECKED - JWM	REVISED -		DU-03					CONTRACT NO. 60M61			
	PLOT DATE = 3/14/2013	DATE - 03/13/2013	REVISED -		SCALE: 1"=20'	SHEET 3 OF 17 SHEETS	STA. 187+00.00 TO STA. 193+00.00	ILLINOIS FED. AID PROJECT					

100 S. WACKER DR.
SUITE 500
CHICAGO IL, 60606
TEL (312)-939-1000
FAX (312)-939-4198

SEE DRAWING DU-03
MATCH LINE STA. 193+00.00

FILE NAME =
D160M61-SHT-DRAINEX04.dgn

USER NAME	=	Anthony_Plutz
-----------	---	---------------

DESIGNED	-	EJD
DRAWN	-	EJD

REVISED	-
REVISED	-

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

EXISTING DRAINAGE PLAN – US 45 (LAGRANGE ROAD)

SCALE: 1"=20'	SHEET 4 OF 17 SHEETS	STA. 193+00.00 TO STA. 199+00.00
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F.A.P RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
330	103B-4	COOK	877	162

STORM SEWER	REMOVAL 12"	
STA. 195+12.0	TO 195+13.6	- 62' (TBF=13.7 CU YD)
STA. 195+13.6	TO 195+21.5	- 8' (TBF=4.7 CU YD)
STA. 196+62.6	TO 196+80.5	- 18' (TBF=4.0 CU YD)
STA. 196+80.5	TO 196+78.7	- 71' (TBF=23.2 CU YD)
STA. 198+20.9	TO 198+42.7	- 20' (TBF=14.4 CU YD)
STA. 198+36.0	TO 198+46.2	- 12' (TBF=9.3 CU YD)

STORM SEWER REMOVAL 18"

STA. 193+00.0 TO 196+47.1	- 345'	(TBF=337.7 CU YD)
STA. 196+47.1 TO 198+14.8	- 166'	(TBF=196.1 CU YD)

STORM SEWER REMOVAL 24"
STA. 197+95.0 TO 198+13.9 - 20' (TBF=22.6 CU YD)

FILLING EXISTING CULVERTS
STA. 198+17.0
STA. 198+30.0
STA. 198+98.0

REMOVING MANHOLES
196+47.14, 41.0 RT

REMOVING CATCH BASINS	
195+11.95,	31.8 LT
195+13.57,	34.5 RT
196+62.62,	32.1 LT
196+80.54,	31.9 LT
198+42.69,	32.3 LT
198+46.17,	35.1 RT

NOTES:

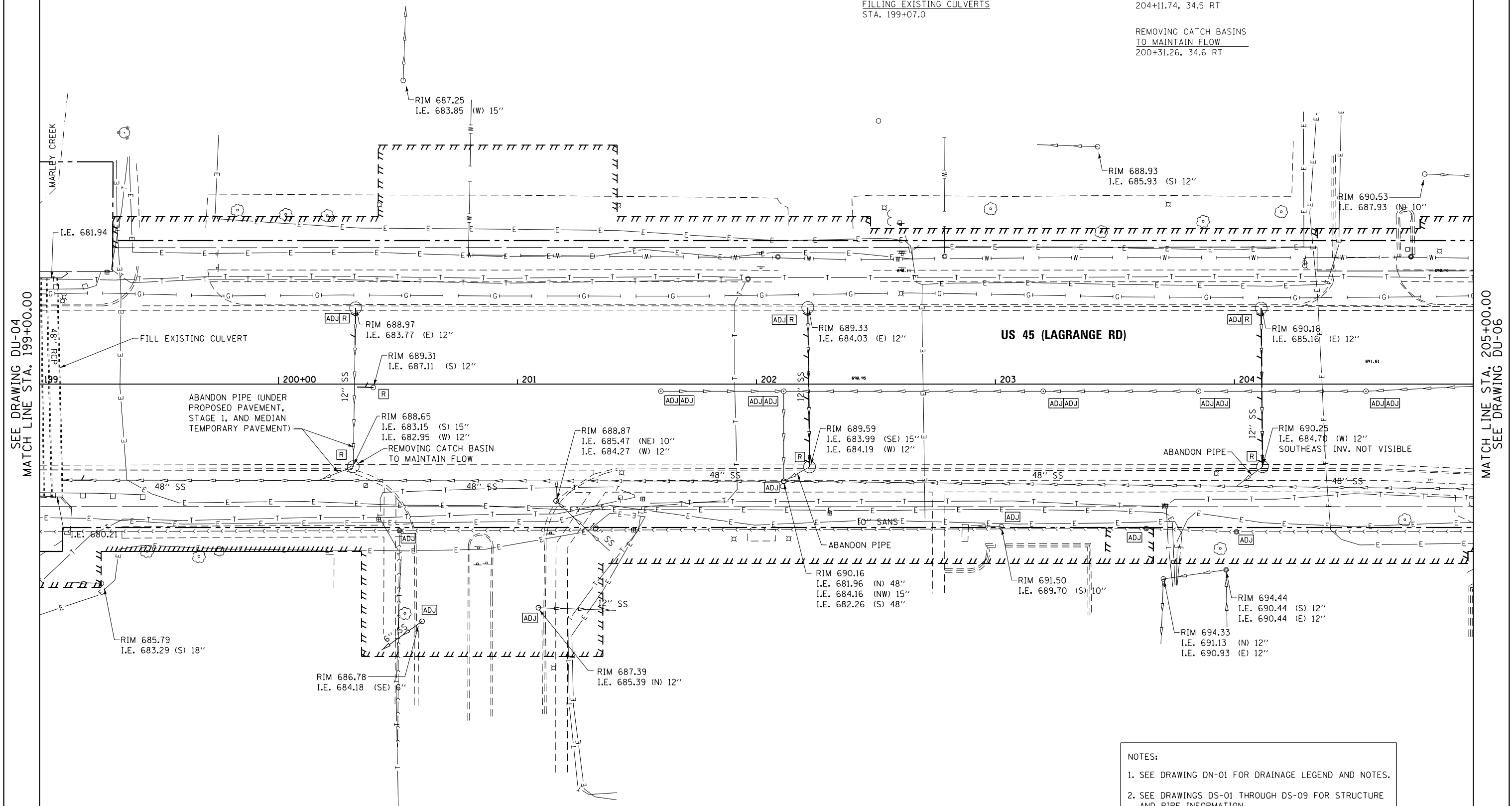
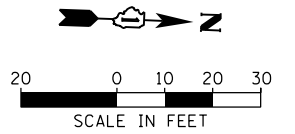
1. SEE DRAWING DN-01 FOR DRAINAGE LEGEND AND NOTES.
2. SEE DRAWINGS DS-01 THROUGH DS-09 FOR STRUCTURE AND PIPE INFORMATION.

MATCH LINE STA. 199+00.00
SEE DRAWING DU-05

REMOVING CATCH BASINS

200+32.25, 31.9 LT
200+39.67, 1.4 RT
202+21.48, 32.0 LT
202+22.23, 34.6 RT
204+11.18, 31.8 LT
204+11.74, 34.5 RT

REMOVING CATCH BASINS
TO MAINTAIN FLOW
200+31.26, 34.6 RT

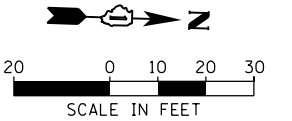


NOTES:

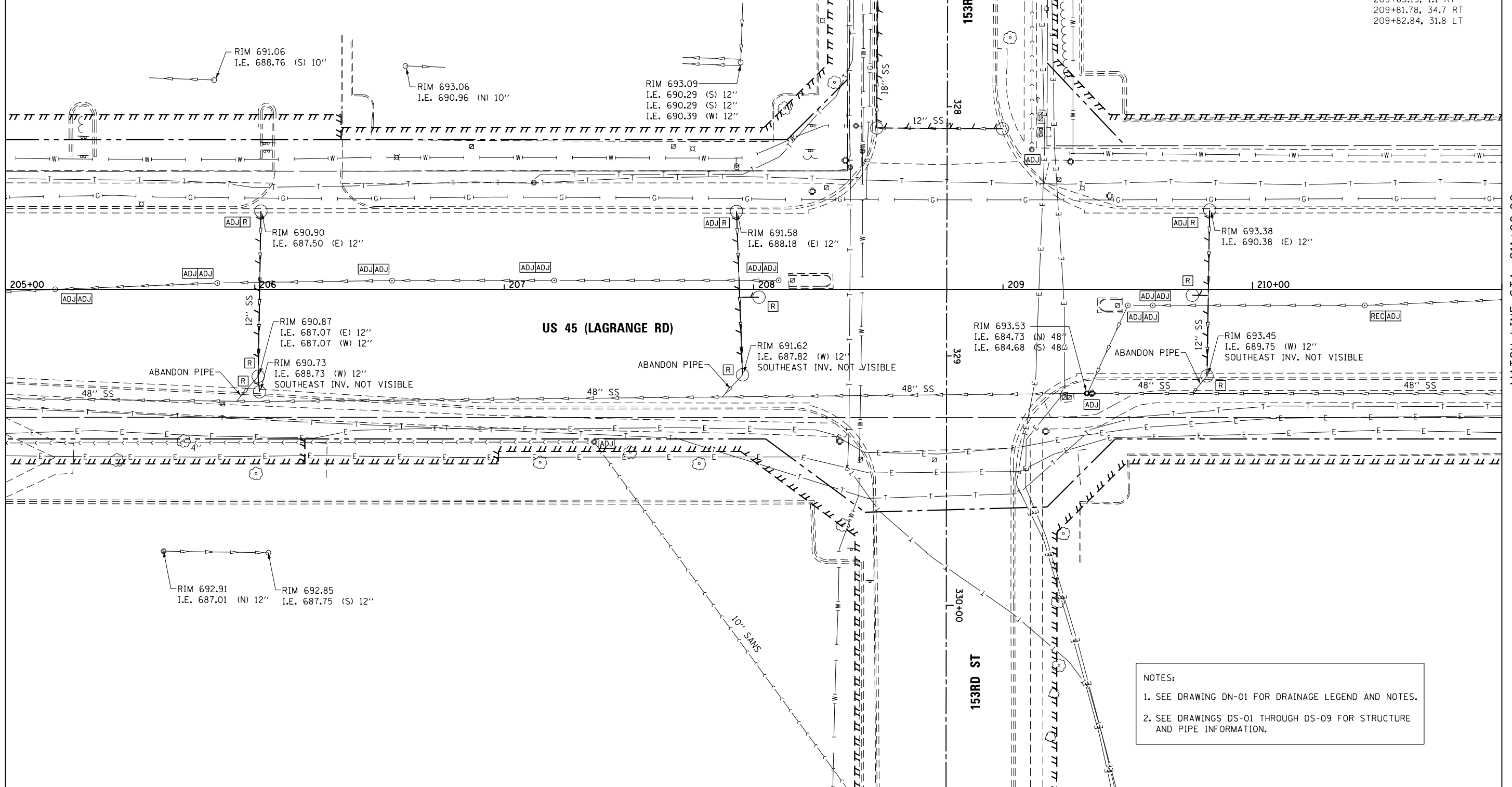
1. SEE DRAWING DN-01 FOR DRAINAGE LEGEND AND NOTES.
2. SEE DRAWINGS DS-01 THROUGH DS-09 FOR STRUCTURE AND PIPE INFORMATION.

FILE NAME = D160M61-SHT-DRAINX05.dgn SHT_PLAN	USER NAME = Anthony.Plutz	DESIGNED - EJD	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	EXISTING DRAINAGE PLAN - US 45 (LAGRANGE ROAD)	F.A.P RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
		DRAWN - EJD	REVISED -			330	103R-4	COOK	877	163
	PLOT SCALE = 40.0000' / 1in.	CHECKED - JWM	REVISED -			DU-05		CONTRACT NO. 60M61		
	PLOT DATE = 3/14/2013	DATE - 03/13/2013	REVISED -			SCALE: 1"=20'	SHEET 5 OF 17 SHEETS	STA. 199+00.00 TO STA. 205+00.00	ILLINOIS FED. AID PROJECT	

SEE DRAWING DU-05
MATCH LINE STA. 205+00.00



STORM SEWER REMOVAL 12"	REMOVING CATCH BASINS
STA. 206+02.4 TO 206+01.4 - 62' (TBF=11.2 CU YD)	206+02.44, 31.4 LT
STA. 206+01.4 TO 206+01.9 - 4' (TBF=0.7 CU YD)	206+01.35, 34.8 RT
STA. 207+93.4 TO 207+95.5 - 62' (TBF=11.1 CU YD)	206+01.87, 41.1 RT
STA. 207+94.4 TO 208+02.2 - 6' (TBF=1.5 CU YD)	207+93.14, 31.3 LT
STA. 209+76.0 TO 209+81.8 - 9' (TBF=9.3 CU YD)	207+95.53, 34.3 RT
STA. 209+81.8 TO 209+82.8 - 63' (TBF=10.0 CU YD)	208+02.22, 1.3 RT
	209+65.15, 1.1 RT
	209+81.78, 34.7 RT
	209+82.84, 31.8 LT

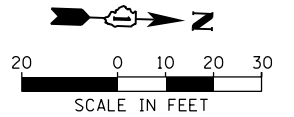


MATCH LINE STA. 211+00.00
SEE DRAWING DU-07

- NOTES:
- SEE DRAWING DN-01 FOR DRAINAGE LEGEND AND NOTES.
 - SEE DRAWINGS DS-01 THROUGH DS-09 FOR STRUCTURE AND PIPE INFORMATION.

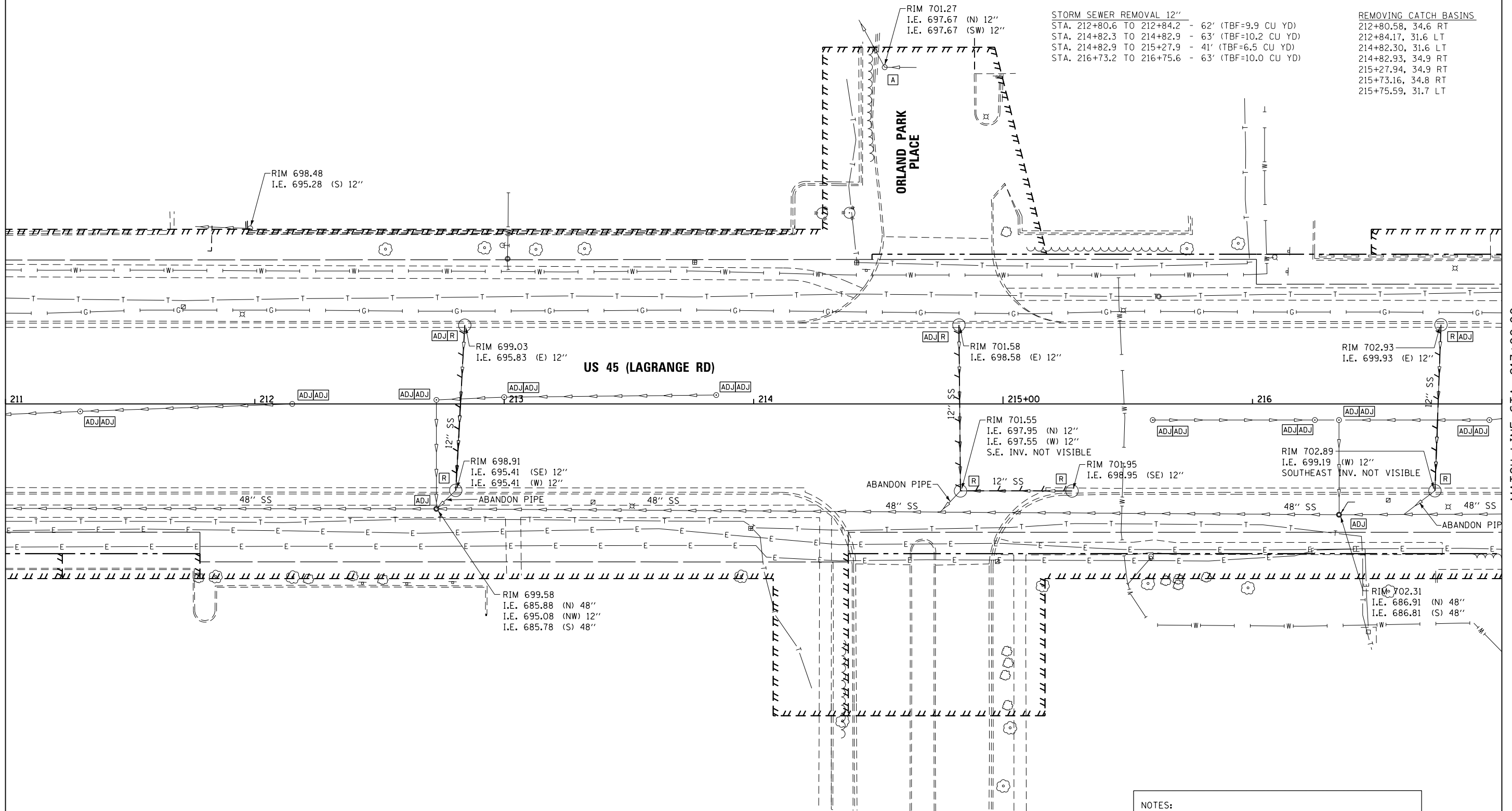
FILE NAME = D160M61-SHT-DRAINEX06.dgn SHT_PLAN	USER NAME = Anthony.Plutz	DESIGNED - EJD	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	EXISTING DRAINAGE PLAN - US 45 (LAGRANGE ROAD)			F.A.P RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
		DRAWN - EJD	REVISED -					330	103R-4	COOK	877	164
	PLOT SCALE = 40.0000' / in.	CHECKED - JWM	REVISED -					DU-06		CONTRACT NO. 60M61		
	PLOT DATE = 3/14/2013	DATE - 03/13/2013	REVISED -					SCALE: 1"=20'	SHEET 6 OF 17 SHEETS	STA. 205+00.00 TO STA. 211+00.00	ILLINOIS FED. AID PROJECT	

SEE DRAWING DU-06
MATCH LINE STA. 211+00.00



STORM SEWER REMOVAL 12"
STA. 212+80.6 TO 212+84.2 - 62' (TBF=9.9 CU YD)
STA. 214+82.3 TO 214+82.9 - 63' (TBF=10.2 CU YD)
STA. 214+82.9 TO 215+27.9 - 41' (TBF=6.5 CU YD)
STA. 216+73.2 TO 216+75.6 - 63' (TBF=10.0 CU YD)

REMOVING CATCH BASINS
212+80.58, 34.6 RT
212+84.17, 31.6 LT
214+82.30, 31.6 LT
214+82.93, 34.9 RT
215+27.94, 34.9 RT
215+73.16, 34.8 RT
215+75.59, 31.7 LT



- NOTES:
- SEE DRAWING DN-01 FOR DRAINAGE LEGEND AND NOTES.
 - SEE DRAWINGS DS-01 THROUGH DS-09 FOR STRUCTURE AND PIPE INFORMATION.

MATCH LINE STA. 217+00.00
SEE DRAWING DU-08

FILE NAME = D160M61-SHT-DRAINEX07.dgn SHT_PLAN	USER NAME = Anthony.Plutz	DESIGNED - EJD	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	EXISTING DRAINAGE PLAN - US 45 (LAGRANGE ROAD)				F.A.P RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
		DRAWN - EJD	REVISED -						330	103R-4	COOK	877	165
	PLOT SCALE = 40.0000' / in.	CHECKED - JWM	REVISED -		DU-07		CONTRACT NO. 60M61						
	PLOT DATE = 3/14/2013	DATE - 03/13/2013	REVISED -		SCALE: 1"=20'	SHEET 7 OF 17 SHEETS	STA. 211+00.00 TO STA. 217+00.00	ILLINOIS FED. AID PROJECT					

SEE DRAWING DU-07
MATCH LINE STA. 217+00.00

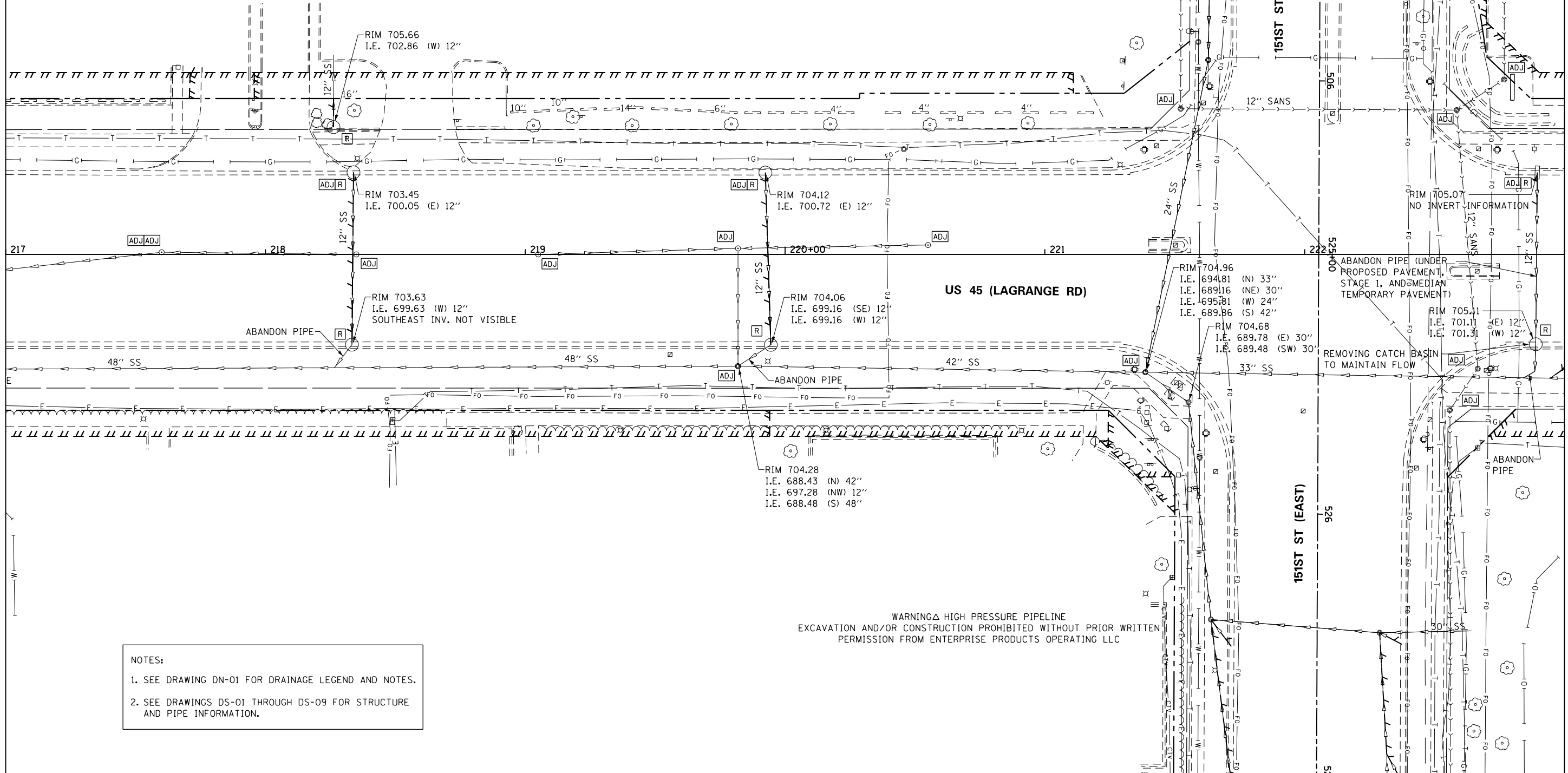
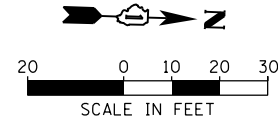
- NOTES:
- SEE DRAWING DN-01 FOR DRAINAGE LEGEND AND NOTES.
 - SEE DRAWINGS DS-01 THROUGH DS-09 FOR STRUCTURE AND PIPE INFORMATION.

STORM SEWER REMOVAL 12"
STA. 218+26.5 TO 218+33.3 - 62' (TBF=12.1 CU YD)
STA. 218+33.3 TO 218+33.9 - 9' (TBF=14.1 CU YD)
STA. 219+92.4 TO 219+94.5 - 62' (TBF=15.0 CU YD)
STA. 222+89.0 TO 222+89.5 - 15' (TBF=4.0 CU YD)
STA. 222+94.5 TO 223+00.0 - 4' (TBF=4.5 CU YD)

REMOVING INLETS
218+26.19, 49.0 LT
222+89.52, 31.5 LT

REMOVING CATCH BASINS
218+33.31, 34.7 RT
218+33.89, 31.6 LT
219+92.42, 31.5 LT
219+94.51, 34.7 RT

REMOVING CATCH BASINS
TO MAINTAIN FLOW
222+88.95, 34.6 RT



WARNING△ HIGH PRESSURE PIPELINE
EXCAVATION AND/OR CONSTRUCTION PROHIBITED WITHOUT PRIOR WRITTEN
PERMISSION FROM ENTERPRISE PRODUCTS OPERATING LLC

MATCH LINE STA. 223+00.00
SEE DRAWING DU-09

FILE NAME =	USER NAME = Anthony.Plutz	DESIGNED - EJD	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	EXISTING DRAINAGE PLAN - US 45 (LAGRANGE ROAD)				F.A.P RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
D160M61-SHT-DRAINEX08.dgn		DRAWN - EJD	REVISED -						330	103R-4	COOK	877	166
SHT_PLAN	PLOT SCALE = 40.0000' / in.	CHECKED - JWM	REVISED -		DU-08		CONTRACT NO. 60M61						
	PLOT DATE = 3/14/2013	DATE - 03/13/2013	REVISED -		SCALE: 1"=20'	SHEET 8 OF 17 SHEETS	STA. 217+00.00 TO STA. 223+00.00			ILLINOIS FED. AID PROJECT			

SEE DRAWING DU-08
MATCH LINE STA. 223+00.00

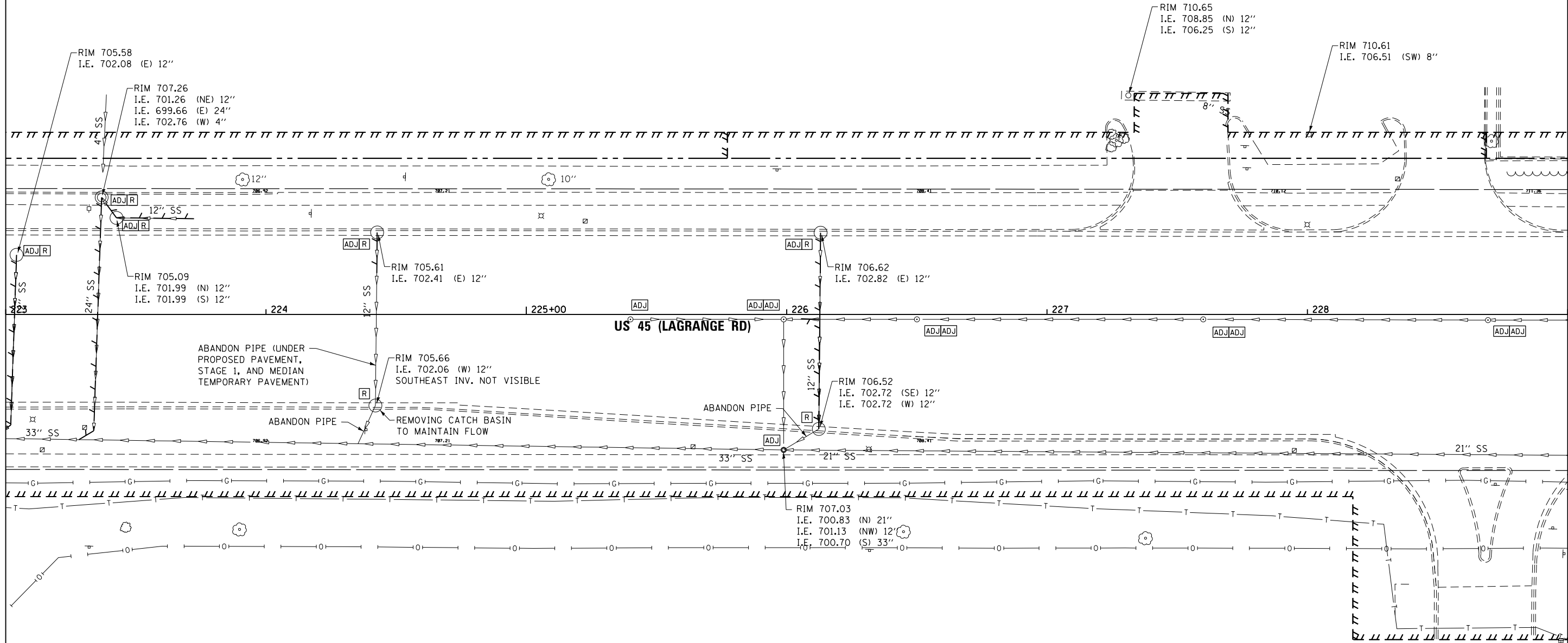
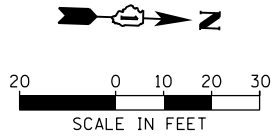
STORM SEWER REMOVAL 12"
STA. 223+00.0 TO 223+04.2 - 66' (TBF=33.6 CU YD)
STA. 223+42.5 TO 223+36.9 - 6' (TBF=1.6 CU YD)
STA. 223+72.3 TO 223+42.5 - 28' (TBF=5.3 CU YD)
STA. 224+42.7 TO 224+42.0 - 15' (TBF=2.0 CU YD)
STA. 226+05.5 TO 226+12.7 - 5' (TBF=1.7 CU YD)
STA. 226+12.3 TO 226+13.0 - 72' (TBF=14.6 CU YD)

STORM SEWER REMOVAL 24"
STA. 223+28.1 TO 223+36.9 - 94' (TBF=122.8 CU YD)

REMOVING CATCH BASINS
223+04.19, 22.9 LT
223+42.54, 37.1 LT
224+42.70, 31.5 LT
226+12.34, 44.0 RT
226+13.03, 31.4 LT

REMOVING CATCH BASINS
TO MAINTAIN FLOW
224+42.03, 35.0 RT

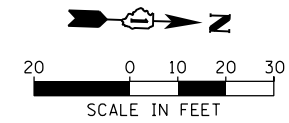
REMOVING MANHOLES
223+40.00, 46.0' LT



- NOTES:
- SEE DRAWING DN-01 FOR DRAINAGE LEGEND AND NOTES.
 - SEE DRAWINGS DS-01 THROUGH DS-09 FOR STRUCTURE AND PIPE INFORMATION.

MATCH LINE STA. 229+00.00
SEE DRAWING DU-10

FILE NAME = D160M61-SHT-DRAINEX09.dgn SHT_PLAN	USER NAME = Anthony.Plutz	DESIGNED - EJD	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	EXISTING DRAINAGE PLAN - US 45 (LAGRANGE ROAD)				F.A.P RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
		DRAWN - EJD	REVISED -						330	103R-4	COOK	877	167
	PLOT SCALE = 40.0000' / in.	CHECKED - JWM	REVISED -		DU-09				CONTRACT NO. 60M61				
	PLOT DATE = 3/14/2013	DATE - 03/13/2013	REVISED -		SCALE: 1"=20'	SHEET 9 OF 17 SHEETS	STA. 223+00.00 TO STA. 229+00.00	ILLINOIS FED. AID PROJECT					

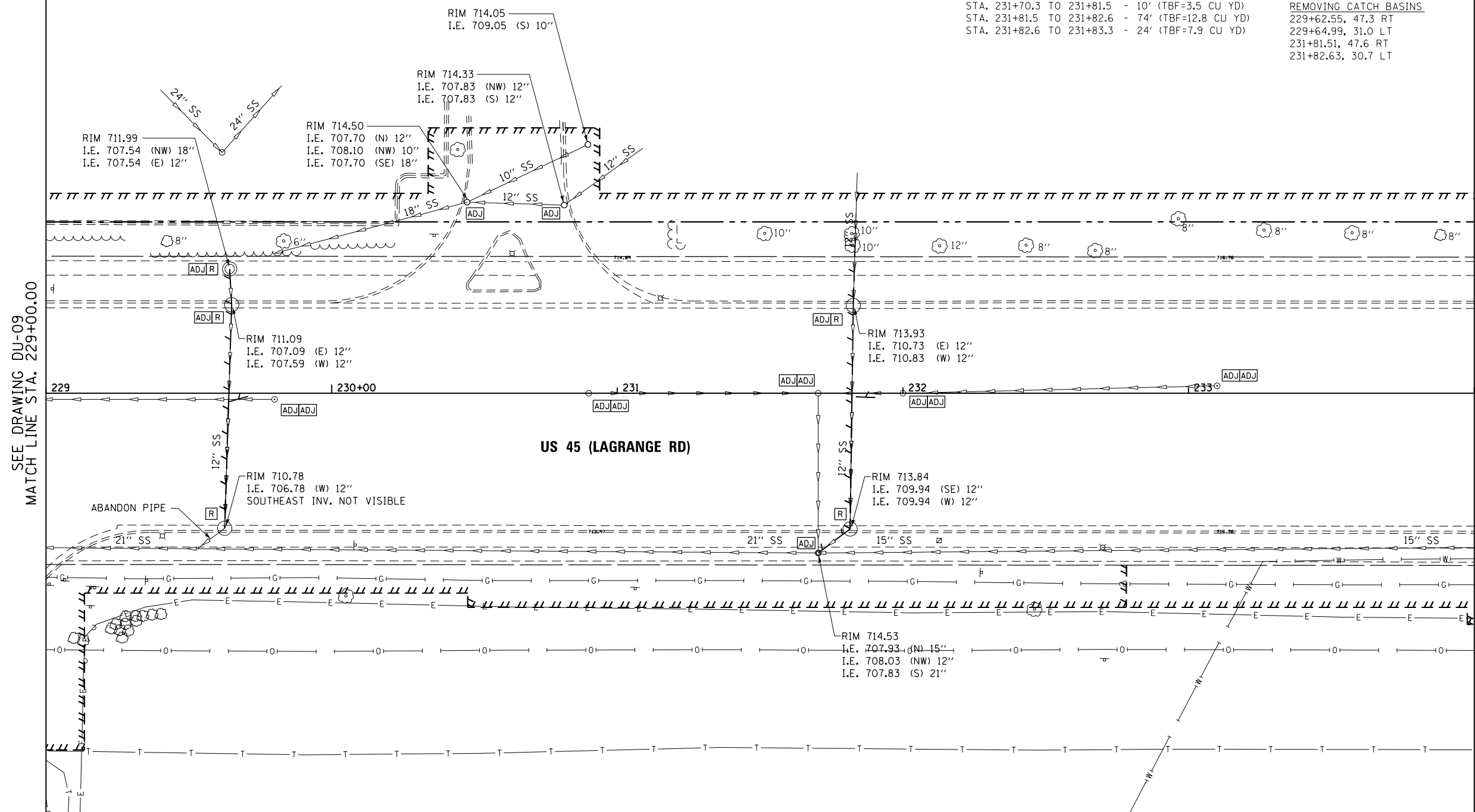


STORM SEWER REMOVAL 12"

STA. 229+62.6 TO 229+65.0	- 74' (TBF=16.7 CU YD)
STA. 229+64.3 TO 229+65.0	- 9' (TBF=2.0 CU YD)
STA. 231+70.3 TO 231+81.5	- 10' (TBF=3.5 CU YD)
STA. 231+81.5 TO 231+82.6	- 74' (TBF=12.8 CU YD)
STA. 231+82.6 TO 231+83.3	- 24' (TBF=7.9 CU YD)

REMOVING MANHOLES
229+64.30, 43.5 LT

REMOVING CATCH BASINS
229+62.55, 47.3 RT
229+64.99, 31.0 LT
231+81.51, 47.6 RT
231+82.63, 30.7 LT



NOTES:

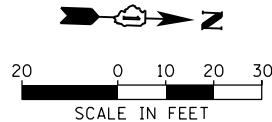
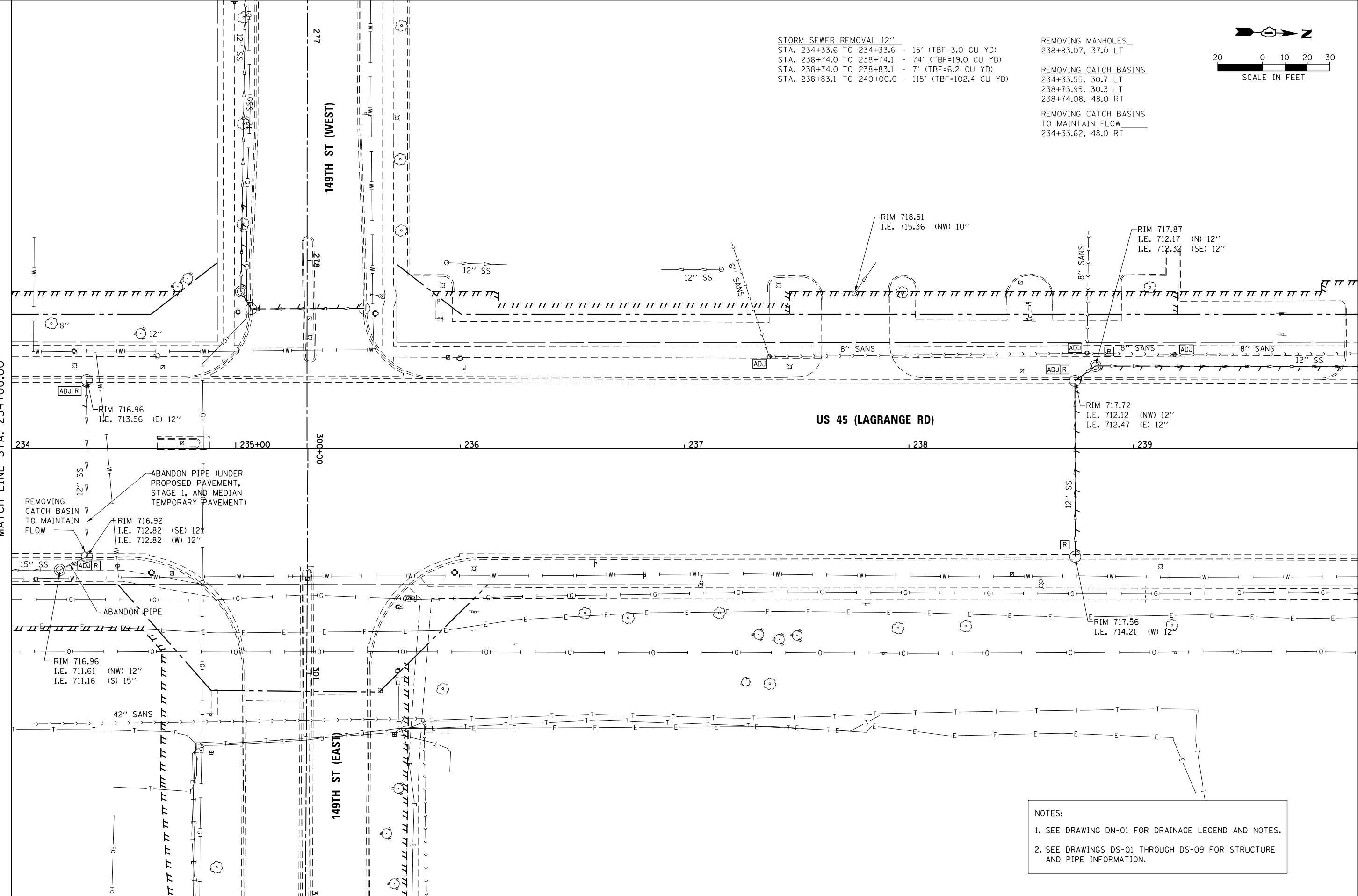
1. SEE DRAWING DN-01 FOR DRAINAGE LEGEND AND NOTES.
2. SEE DRAWINGS DS-01 THROUGH DS-09 FOR STRUCTURE AND PIPE INFORMATION.

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

FILE NAME =	USER NAME = Anthony.Plutz	DESIGNED - EJD	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	EXISTING DRAINAGE PLAN - US 45 (LAGRANGE ROAD)				F.A.P RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
D160M61-SHT-DRAINEX10.dgn		DRAWN - EJD	REVISED -						330	103R-4	COOK	877	168
	PLOT SCALE = 40.0000 ' / in.	CHECKED - JWM	REVISED -		DU-10		CONTRACT NO. 60M61						
SHT_PLAN	PLOT DATE = 3/14/2013	DATE - 03/13/2013	REVISED -		SCALE: 1"=20'	SHEET 10 OF 17 SHEETS	STA. 229+00.00 TO STA. 234+00.00		ILLINOIS FED. AID PROJECT				

SEE DRAWING DU-10
MATCH LINE STA. 234+00.00

FILE NAME = D160M61-SHT-DRAINEX11.dgn SHT_PLAN	USER NAME = Anthony.Plutz	DESIGNED - EJD	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	EXISTING DRAINAGE PLAN – US 45 (LAGRANGE ROAD)				F.A.P RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.		
		DRAWN - EJD	REVISED -						330	103R-4	COOK	877	169		
	PLOT SCALE = 40.0000' / in.	CHECKED - JWM	REVISED -						DU-11					CONTRACT NO. 60M61	
	PLOT DATE = 3/14/2013	DATE - 03/13/2013	REVISED -						ILLINOIS FED. AID PROJECT						
					SCALE: 1"=20'	SHEET 11 OF 17 SHEETS	STA. 234+00.00 TO STA. 240+00.00								



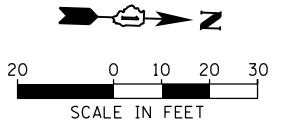
MATCH LINE STA. 240+00.00
SEE DRAWING DU-12

SEE DRAWING DU-11
MATCH LINE STA. 240+00.00

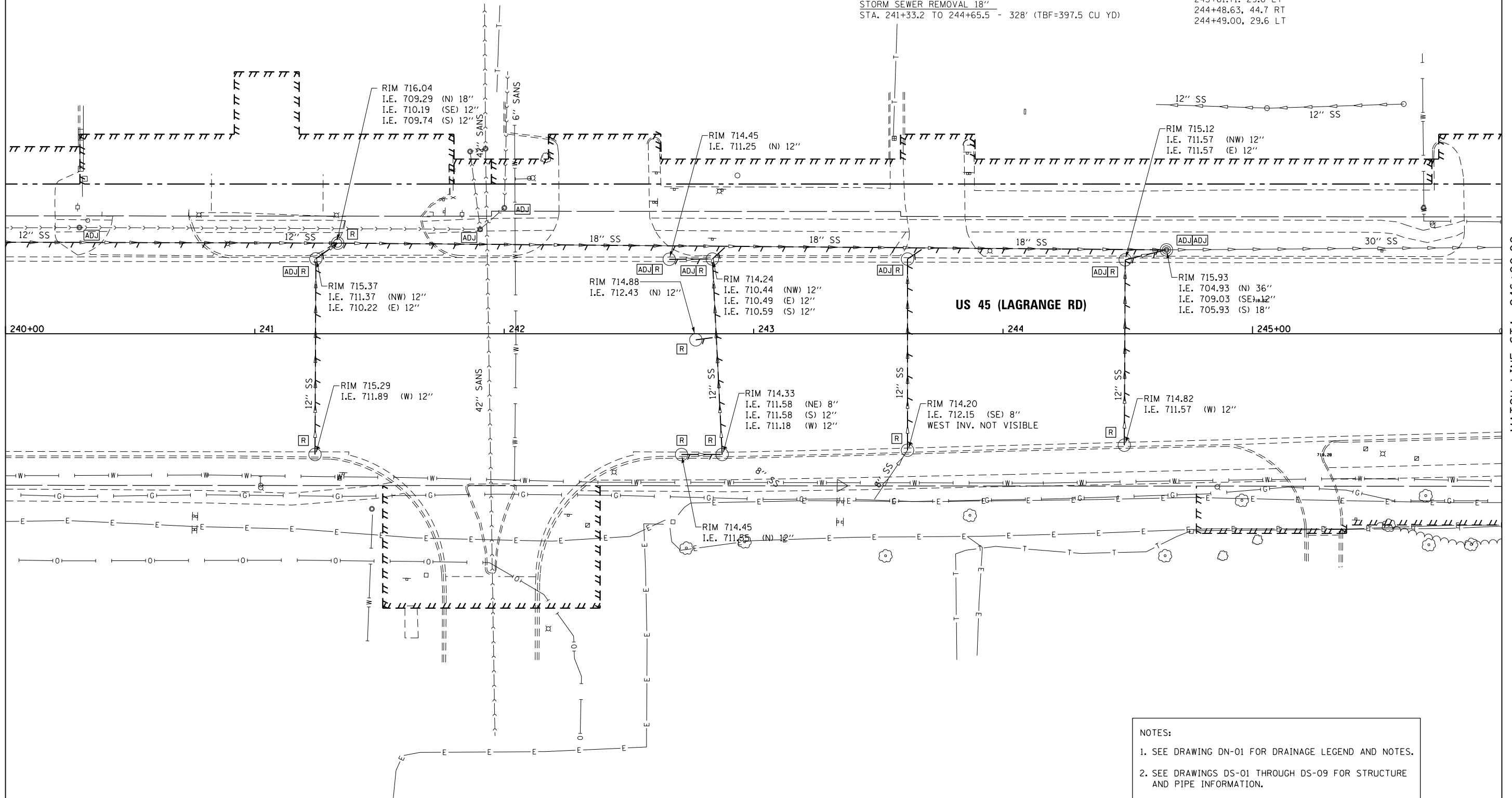
STORM SEWER REMOVAL 12"
STA. 240+00.0 TO 241+33.2 - 131' (TBF=102.4 CU YD)
STA. 241+24.1 TO 241+24.5 - 74' (TBF=14.4 CU YD)
STA. 241+24.5 TO 241+33.2 - 7' (TBF=2.6 CU YD)
STA. 242+66.2 TO 242+83.5 - 13' (TBF=2.2 CU YD)
STA. 242+71.1 TO 242+87.4 - 12' (TBF=2.0 CU YD)
STA. 242+76.8 TO 242+85.0 - 6' (TBF=2.1 CU YD)
STA. 242+83.5 TO 242+87.4 - 6' (TBF=2.5 CU YD)
STA. 243+61.7 TO 243+68.3 - 85' (TBF=13.4 CU YD)
STA. 244+48.6 TO 244+49.0 - 70' (TBF=11.2 CU YD)
STA. 244+49.0 TO 244+65.5 - 13' (TBF=5.6 CU YD)

REMOVING MANHOLES
241+33.18, 36.3 LT
244+65.51, 33.6 LT

REMOVING CATCH BASINS
241+24.14, 48.4 RT
241+24.47, 30.4 LT
242+66.17, 29.9 LT
242+71.10, 48.4 RT
242+76.83, 2.4 RT
242+83.46, 30.0 LT
242+87.38, 48.4 RT
243+61.71, 46.7 RT
243+61.71, 29.6 LT
244+48.63, 44.7 RT
244+49.00, 29.6 LT



STORM SEWER REMOVAL 18"
STA. 241+33.2 TO 244+65.5 - 328' (TBF=397.5 CU YD)



- NOTES:
- SEE DRAWING DN-01 FOR DRAINAGE LEGEND AND NOTES.
 - SEE DRAWINGS DS-01 THROUGH DS-09 FOR STRUCTURE AND PIPE INFORMATION.

MATCH LINE STA. 246+00.00
SEE DRAWING DU-13

FILE NAME =	USER NAME = Anthony.Plutz	DESIGNED - EJD	REVISED -
D160M61-SHT-DRAINEX12.dgn		DRAWN - EJD	REVISED -
	PLOT SCALE = 40.0000' / in.	CHECKED - JWM	REVISED -
SHT_PLAN	PLOT DATE = 3/14/2013	DATE - 03/13/2013	REVISED -

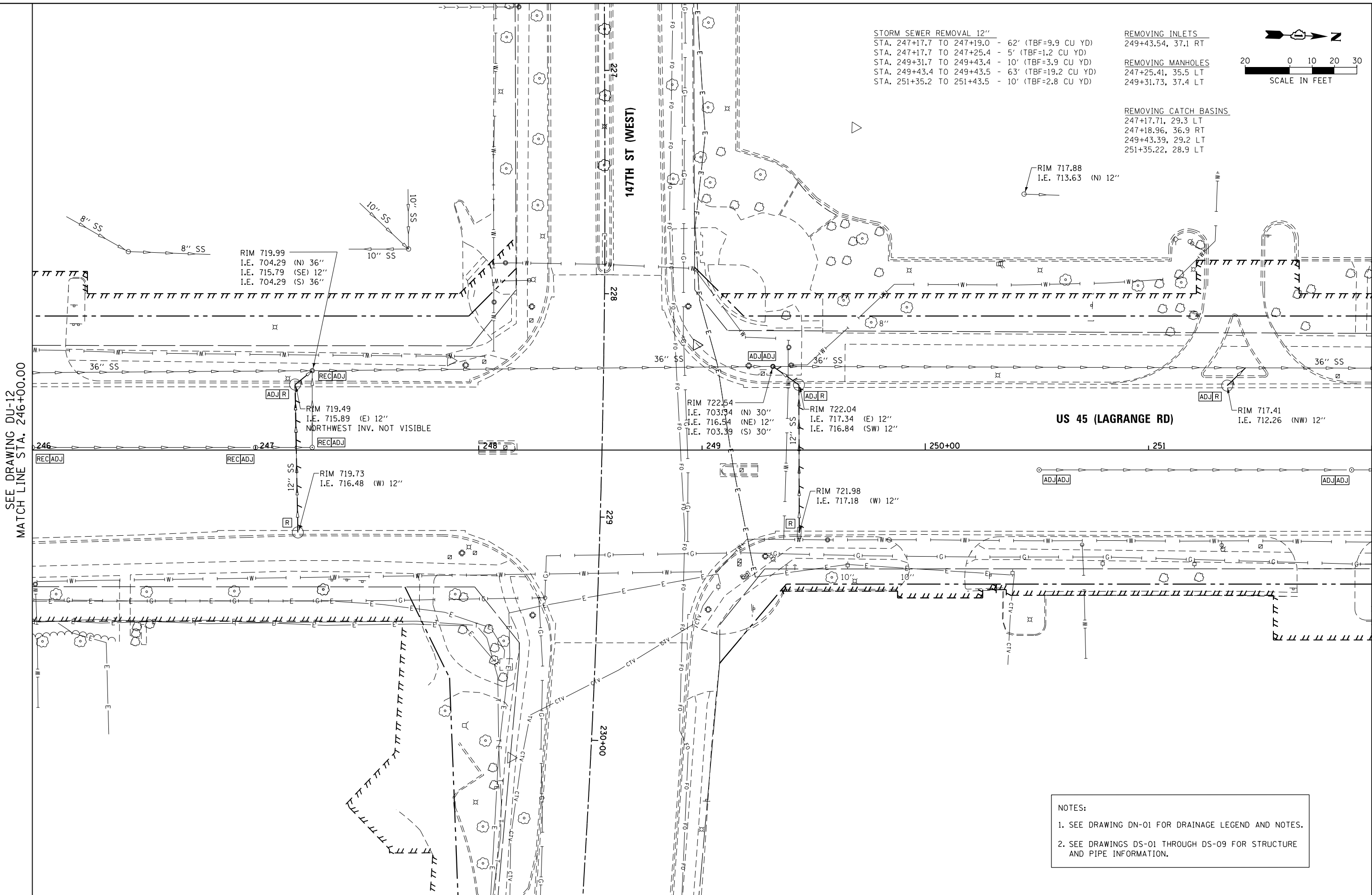
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

EXISTING DRAINAGE PLAN - US 55 (LAGRANGE ROAD)

SCALE: 1"=20' SHEET 12 OF 17 SHEETS STA. 240+00.00 TO STA. 246+00.00

F.A.P RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
330	103R-4	COOK	877	170
DU-12		CONTRACT NO. 60M61		
ILLINOIS FED. AID PROJECT				

SEE DRAWING DU-12
MATCH LINE STA. 246+00.00



STORM SEWER REMOVAL 12"
STA. 247+17.7 TO 247+19.0 - 62' (TBF=9.9 CU YD)
STA. 247+17.7 TO 247+25.4 - 5' (TBF=1.2 CU YD)
STA. 249+31.7 TO 249+43.4 - 10' (TBF=3.9 CU YD)
STA. 249+43.4 TO 249+43.5 - 63' (TBF=19.2 CU YD)
STA. 251+35.2 TO 251+43.5 - 10' (TBF=2.8 CU YD)

REMOVING INLETS
249+43.54, 37.1 RT
REMOVING MANHOLES
247+25.41, 35.5 LT
249+31.73, 37.4 LT

REMOVING CATCH BASINS
247+17.71, 29.3 LT
247+18.96, 36.9 RT
249+43.39, 29.2 LT
251+35.22, 28.9 LT

US 45 (LAGRANGE RD)

- NOTES:
- SEE DRAWING DN-01 FOR DRAINAGE LEGEND AND NOTES.
 - SEE DRAWINGS DS-01 THROUGH DS-09 FOR STRUCTURE AND PIPE INFORMATION.

FILE NAME =	USER NAME = Anthony.Plutz	DESIGNED - EJD	REVISED -
D160M61-SHT-DRAINEX13.dgn		DRAWN - EJD	REVISED -
	PLOT SCALE = 40.0000' / in.	CHECKED - JWM	REVISED -
SHT_PLAN	PLOT DATE = 3/14/2013	DATE - 03/13/2013	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

EXISTING DRAINAGE PLAN - US 45 (LAGRANGE ROAD)

SCALE: 1"=20' SHEET 13 OF 17 SHEETS STA. 246+00.00 TO STA. 252+00.00

F.A.P RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
330	103R-4	COOK	877	171
DU-13		CONTRACT NO. 60M61		
ILLINOIS FED. AID PROJECT				

MATCH LINE STA. 252+00.00
SEE DRAWING DU-14

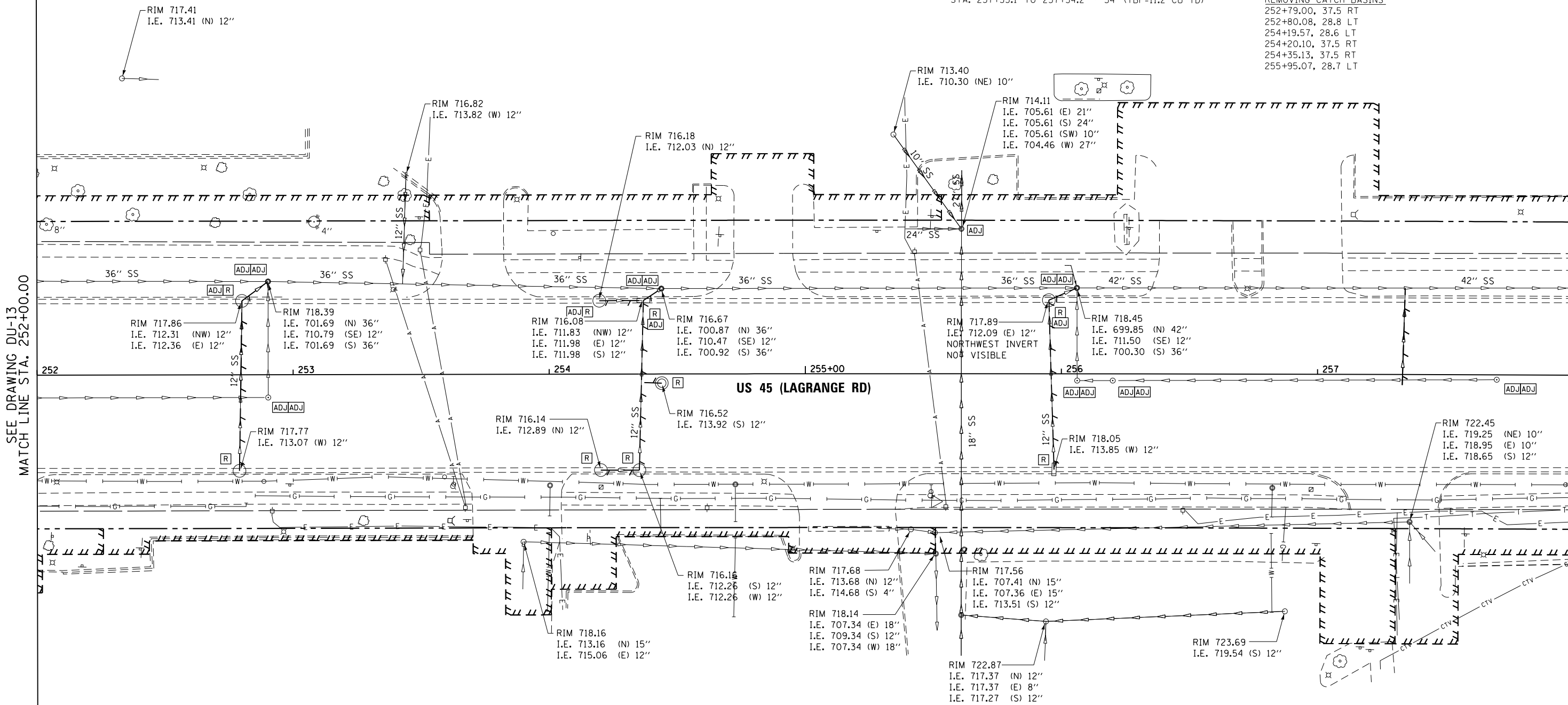
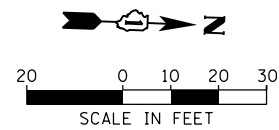
SEE DRAWING DU-13
MATCH LINE STA. 252+00.00

STORM SEWER REMOVAL 12"
STA. 252+79.0 TO 252+80.1 - 62' (TBF=21.2 CU YD)
STA. 252+80.1 TO 252+90.3 - 8' (TBF=6.1 CU YD)
STA. 254+19.6 TO 254+36.8 - 14' (TBF=3.4 CU YD)
STA. 254+20.1 TO 254+35.1 - 14' (TBF=2.5 CU YD)
STA. 254+35.1 TO 254+36.8 - 62' (TBF=14.0 CU YD)
STA. 254+36.0 TO 254+43.9 - 6' (TBF=2.1 CU YD)
STA. 254+36.8 TO 254+43.8 - 5' (TBF=1.8 CU YD)
STA. 255+95.1 TO 255+97.1 - 63' (TBF=20.8 CU YD)
STA. 255+95.1 TO 256+06.0 - 8' (TBF=5.4 CU YD)
STA. 257+33.1 TO 257+34.2 - 34' (TBF=11.2 CU YD)

REMOVING INLETS
254+36.80, 28.7 LT
255+97.14, 37.3 RT

REMOVING MANHOLES
252+90.25, 36.4 LT
254+43.83, 33.3 LT
254+43.94, 3.6 RT
256+06.03, 33.5 LT

REMOVING CATCH BASINS
252+79.00, 37.5 RT
252+80.08, 28.8 LT
254+19.57, 28.6 LT
254+20.10, 37.5 RT
254+35.13, 37.5 RT
255+95.07, 28.7 LT



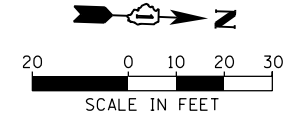
MATCH LINE STA. 258+00.00
SEE DRAWING DU-15

NOTES:
1. SEE DRAWING DN-01 FOR DRAINAGE LEGEND AND NOTES.
2. SEE DRAWINGS DS-01 THROUGH DS-09 FOR STRUCTURE AND PIPE INFORMATION.

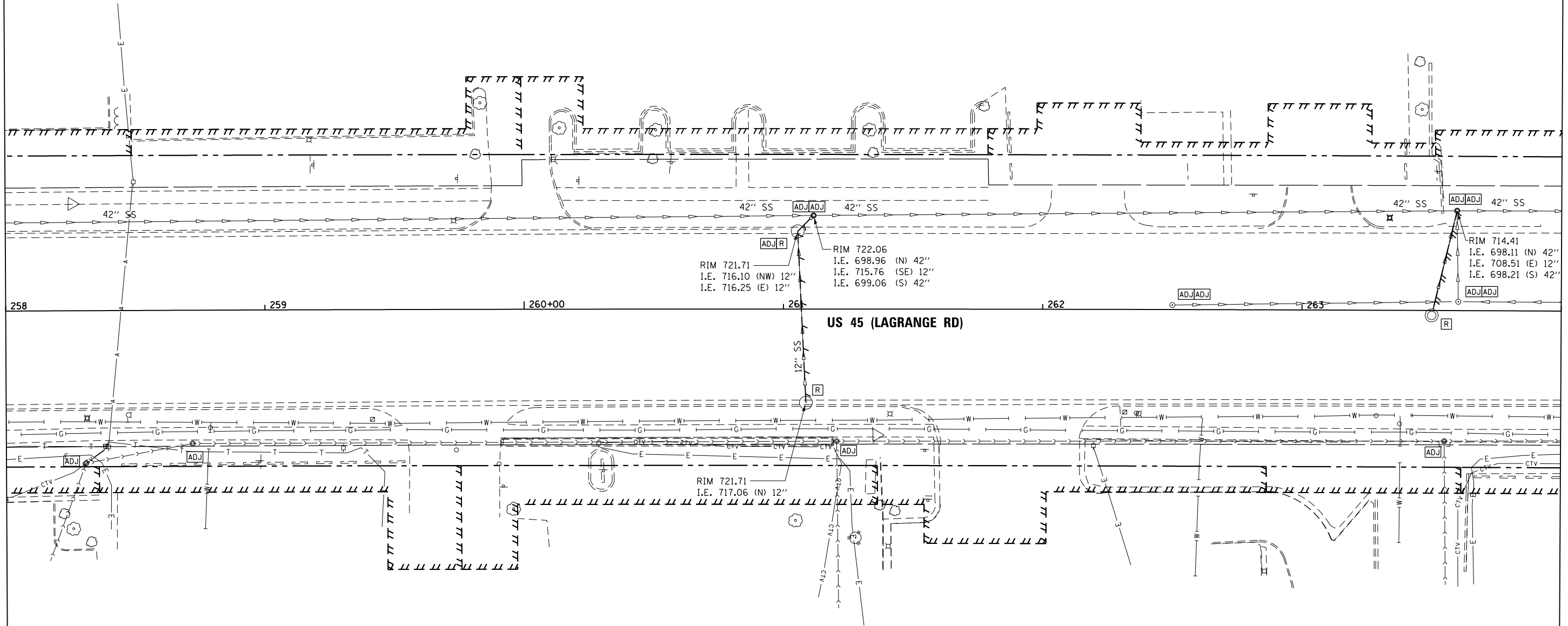
FILE NAME = D160M61-SHT-DRAINEX14.dgn SHT_PLAN	USER NAME = Anthony.Plutz	DESIGNED - EJD	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	EXISTING DRAINAGE PLAN - US 45 (LAGRANGE ROAD)				F.A.P RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
		DRAWN - EJD	REVISED -						330	103R-4	COOK	877	172
	PLOT SCALE = 40.0000' / in.	CHECKED - JWM	REVISED -						DU-14 CONTRACT NO. 60M61				
	PLOT DATE = 3/14/2013	DATE - 03/13/2013	REVISED -						ILLINOIS FED. AID PROJECT				
					SCALE: 1"=20'	SHEET 14 OF 17 SHEETS	STA. 252+00.00 TO STA. 258+00.00						

STORM SEWER REMOVAL 12"
STA. 261+05.6 TO 261+08.7 - 62' (TBF=20.9 CU YD)
STA. 261+05.6 TO 261+11.6 - 4' (TBF=1.9 CU YD)
STA. 263+50.9 TO 263+59.7 - 38' (TBF=15.8 CU YD)

REMOVING CATCH BASINS
261+05.49, 30.0 LT
261+08.66, 36.2 RT
263+50.93, 1.9 RT



SEE DRAWING DU-14
MATCH LINE STA. 258+00.00

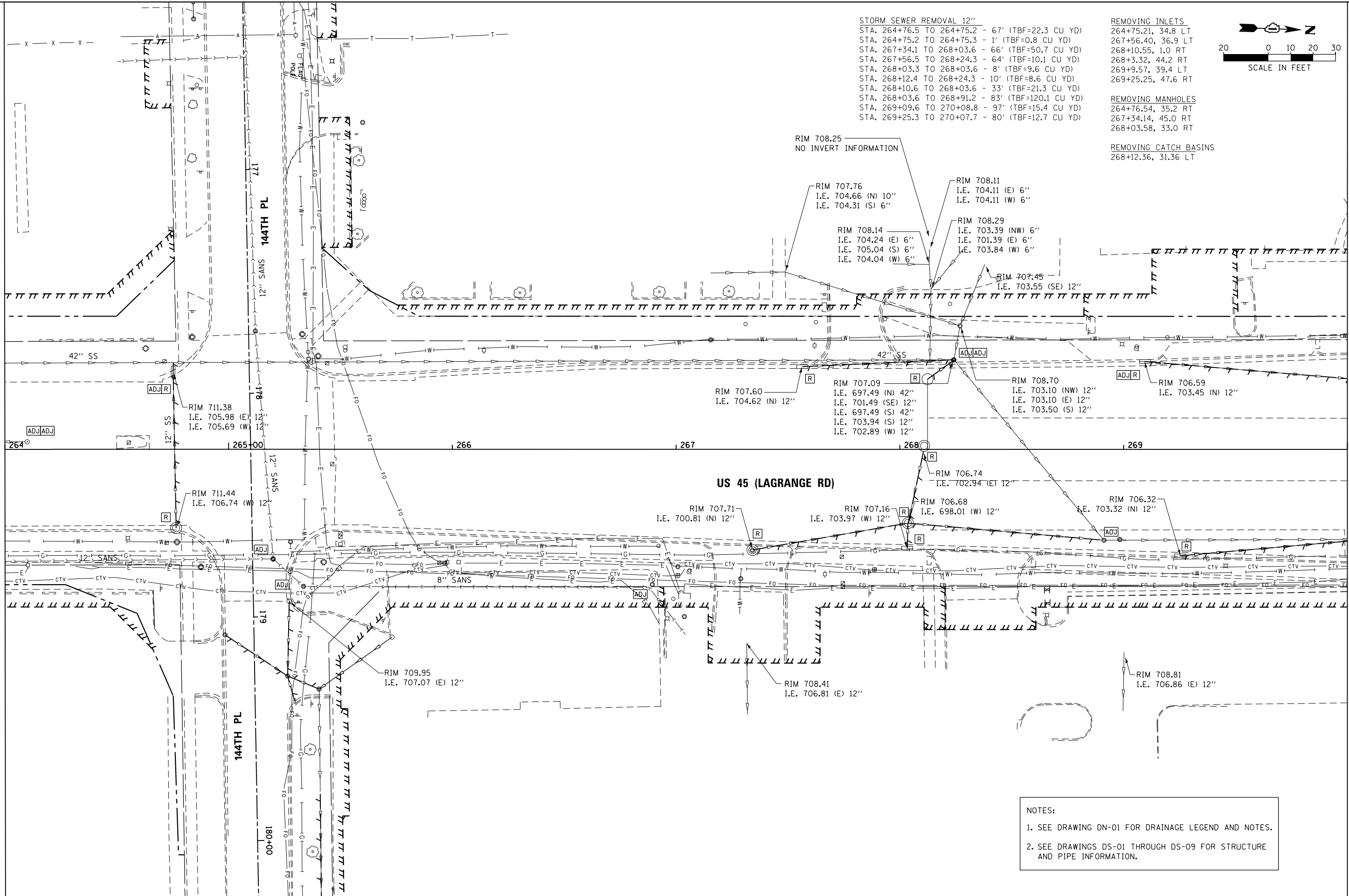


MATCH LINE STA. 264+00.00
SEE DRAWING DU-16

- NOTES:
- SEE DRAWING DN-01 FOR DRAINAGE LEGEND AND NOTES.
 - SEE DRAWINGS DS-01 THROUGH DS-09 FOR STRUCTURE AND PIPE INFORMATION.

FILE NAME = D160M61-SHT-DRAINEX15.dgn SHT_PLAN	USER NAME = Anthony.Plutz	DESIGNED - EJD	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	EXISTING DRAINAGE PLAN - US 45 (LAGRANGE ROAD)				F.A.P RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
		DRAWN - EJD	REVISED -						330	103R-4	COOK	877	173
	PLOT SCALE = 40.0000' / in.	CHECKED - JWM	REVISED -		DU-15		CONTRACT NO. 60M61						
	PLOT DATE = 3/14/2013	DATE - 03/13/2013	REVISED -		ILLINOIS FED. AID PROJECT								
					SCALE: 1"=20'	SHEET 15 OF 17 SHEETS	STA. 258+00.00 TO STA. 264+00.00						

SEE DRAWING DU-15
MATCH LINE STA. 264+00.00

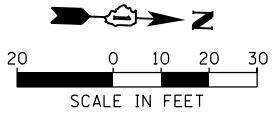


STORM SEWER REMOVAL 12"
STA. 264+76.5 TO 264+75.2 - 67' (TBF=22.3 CU YD)
STA. 264+75.2 TO 264+75.3 - 1' (TBF=0.8 CU YD)
STA. 267+34.1 TO 268+03.6 - 66' (TBF=50.7 CU YD)
STA. 267+56.5 TO 268+24.3 - 64' (TBF=10.1 CU YD)
STA. 268+03.3 TO 268+03.6 - 8' (TBF=9.6 CU YD)
STA. 268+12.4 TO 268+24.3 - 10' (TBF=8.6 CU YD)
STA. 268+10.6 TO 268+03.6 - 33' (TBF=21.3 CU YD)
STA. 268+03.6 TO 268+91.2 - 83' (TBF=120.1 CU YD)
STA. 269+09.6 TO 270+08.8 - 97' (TBF=15.4 CU YD)
STA. 269+25.3 TO 270+07.7 - 80' (TBF=12.7 CU YD)

REMOVING INLETS
264+75.21, 34.8 LT
267+56.40, 36.9 LT
268+10.55, 1.0 RT
268+3.32, 44.2 RT
269+9.57, 39.4 LT
269+25.25, 47.6 RT

REMOVING MANHOLES
264+76.54, 35.2 RT
267+34.14, 45.0 RT
268+03.58, 33.0 RT

REMOVING CATCH BASINS
268+12.36, 31.36 LT



- NOTES:
- SEE DRAWING DN-01 FOR DRAINAGE LEGEND AND NOTES.
 - SEE DRAWINGS DS-01 THROUGH DS-09 FOR STRUCTURE AND PIPE INFORMATION.

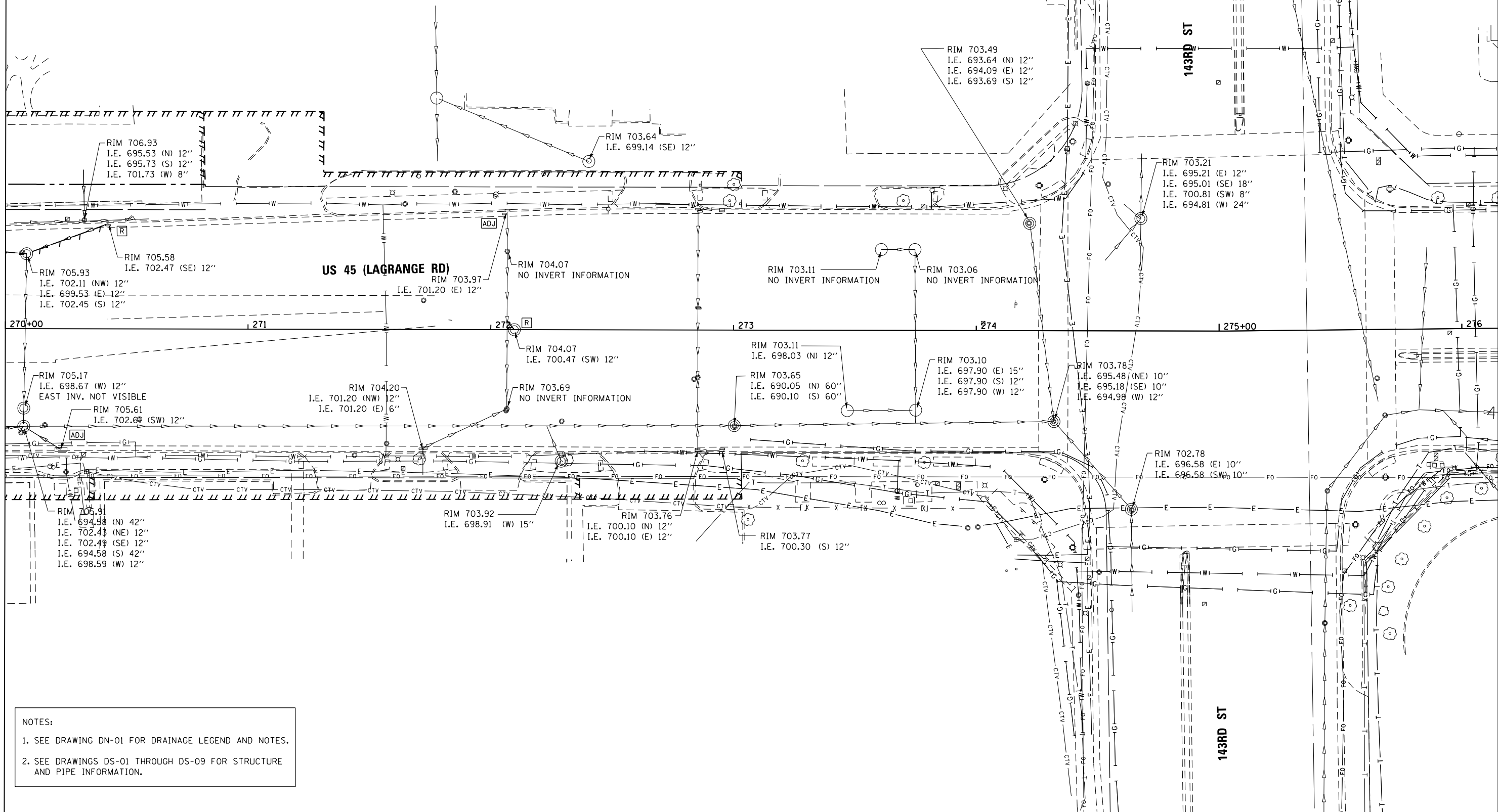
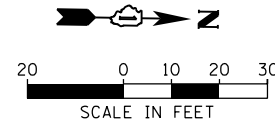
MATCH LINE STA. 270+00.00
SEE DRAWING DU-17

FILE NAME =	USER NAME = Anthony.Plutz	DESIGNED - EJD	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	EXISTING DRAINAGE PLAN - US 45 (LAGRANGE ROAD)				F.A.P RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
D160M61-SHT-DRAINEX16.dgn		DRAWN - EJD	REVISED -						330	103R-4	COOK	877	174
	PLOT SCALE = 40.0000 ' / in.	CHECKED - JWM	REVISED -						DU-16		CONTRACT NO. 60M61		
SHT_PLAN	PLOT DATE = 3/14/2013	DATE - 03/13/2013	REVISED -		SCALE: 1"=20'	SHEET 16 OF 17 SHEETS	STA. 264+00.00 TO STA. 270+00.00		ILLINOIS FED. AID PROJECT				

SEE DRAWING DU-16
MATCH LINE STA. 270+00.00

STORM SEWER REMOVAL 12"
STA. 270+08.7 TO 270+41.3 - 31' (TBF=5.0 CU YD)
STA. 272+06.7 TO 272+09.7 - 2' (TBF=0.4 CU YD)

REMOVING INLETS
270+40.34, 43.4 LT
REMOVING MANHOLES
272+9.72, 0.00 RT



- NOTES:
- SEE DRAWING DN-01 FOR DRAINAGE LEGEND AND NOTES.
 - SEE DRAWINGS DS-01 THROUGH DS-09 FOR STRUCTURE AND PIPE INFORMATION.

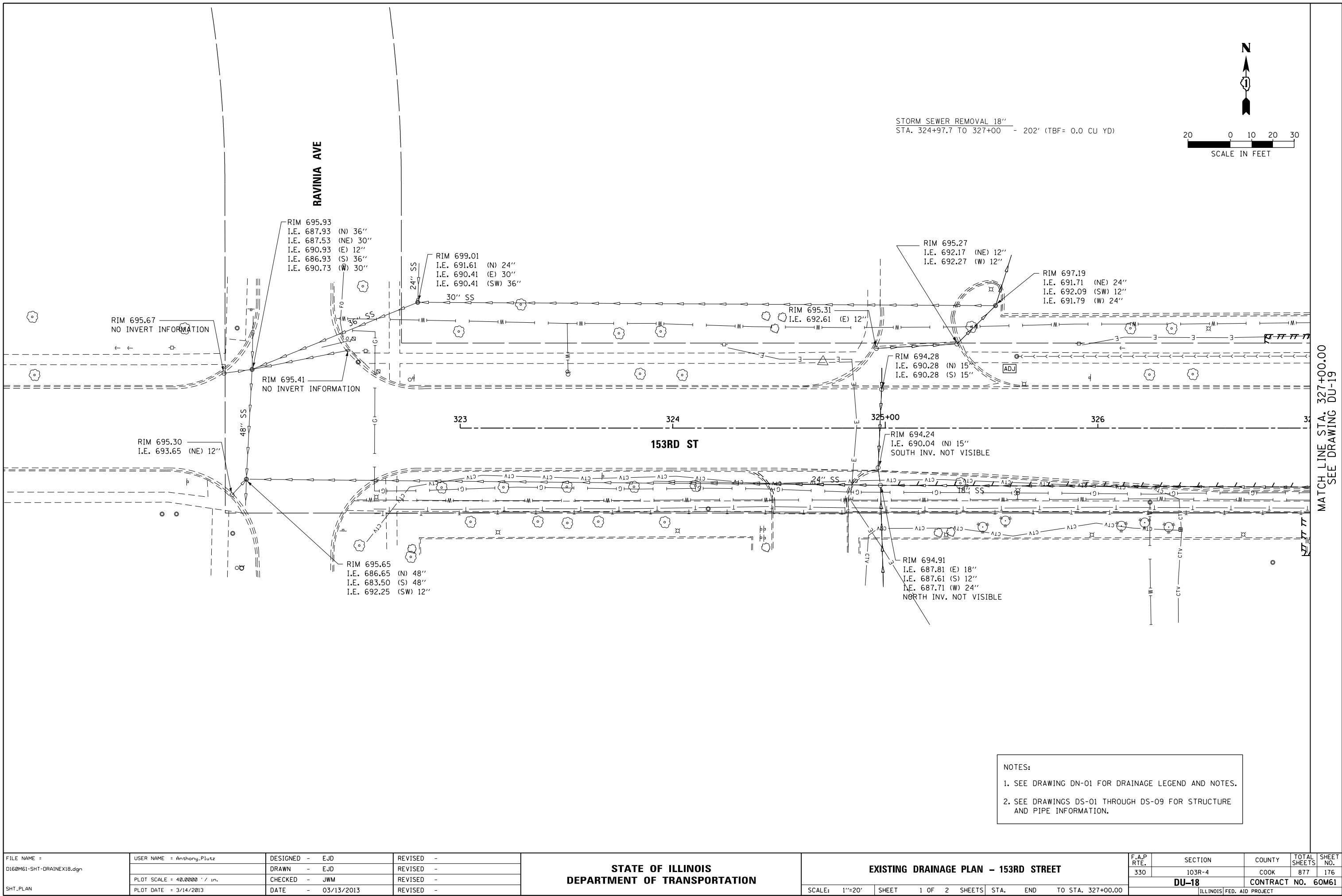
FILE NAME =	USER NAME = Anthony.Plutz	DESIGNED - EJD	REVISED -
D160M61-SHT-DRAINEX17.dgn		DRAWN - EJD	REVISED -
	PLOT SCALE = 40.0000' / in.	CHECKED - JWM	REVISED -
SHT_PLAN	PLOT DATE = 3/14/2013	DATE - 03/13/2013	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

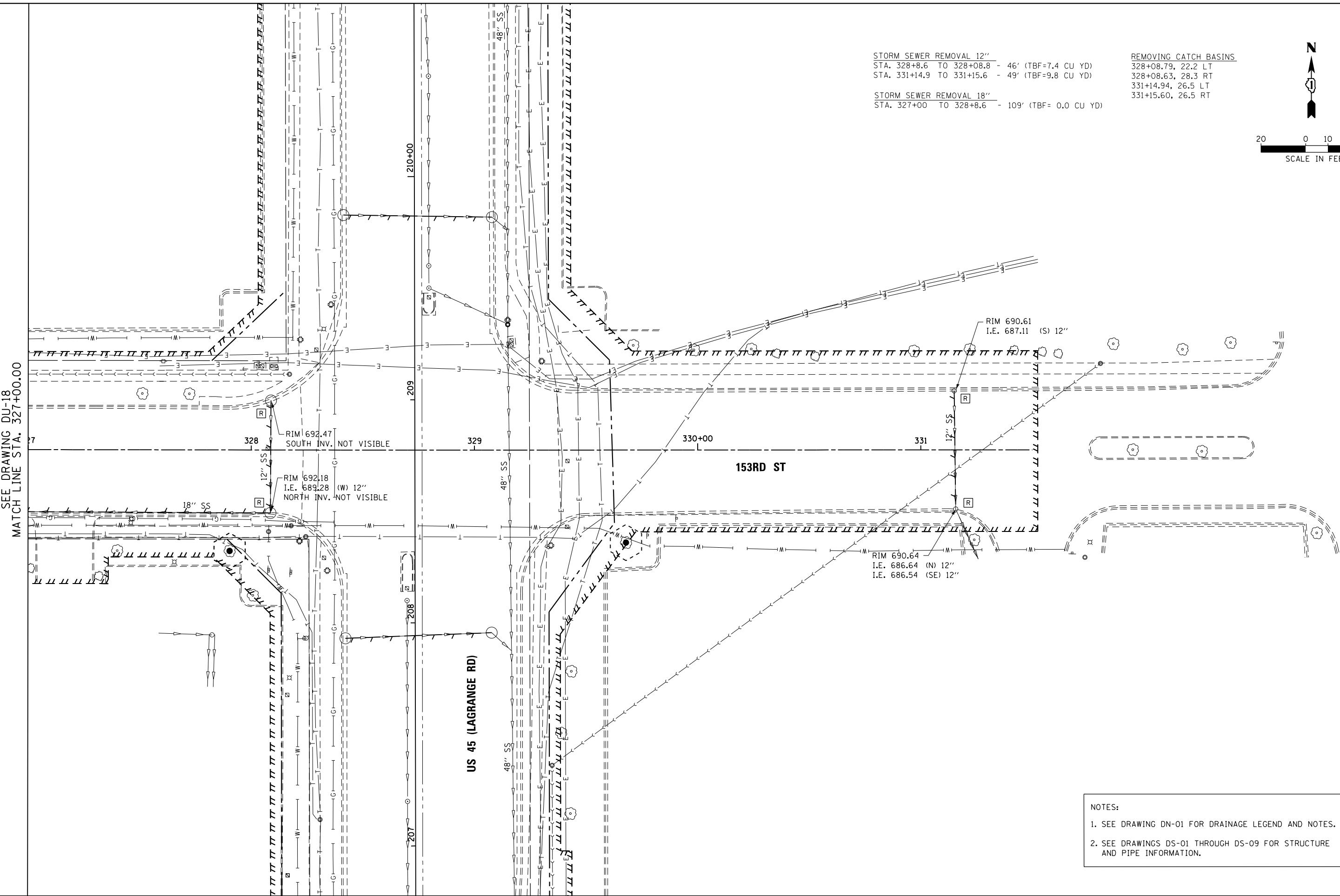
EXISTING DRAINAGE PLAN - US 45 (LAGRANGE ROAD)

SCALE: 1"=20' SHEET 17 OF 17 SHEETS STA. 270+00.00 TO STA. END

F.A.P RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
330	103R-4	COOK	877	175
DU-17		CONTRACT NO. 60M61		
		ILLINOIS FED. AID PROJECT		



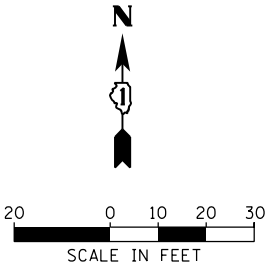
SEE DRAWING DU-18
MATCH LINE STA. 327+00.00



STORM SEWER REMOVAL 12"
STA. 328+8.6 TO 328+08.8 - 46' (TBF=7.4 CU YD)
STA. 331+14.9 TO 331+15.6 - 49' (TBF=9.8 CU YD)

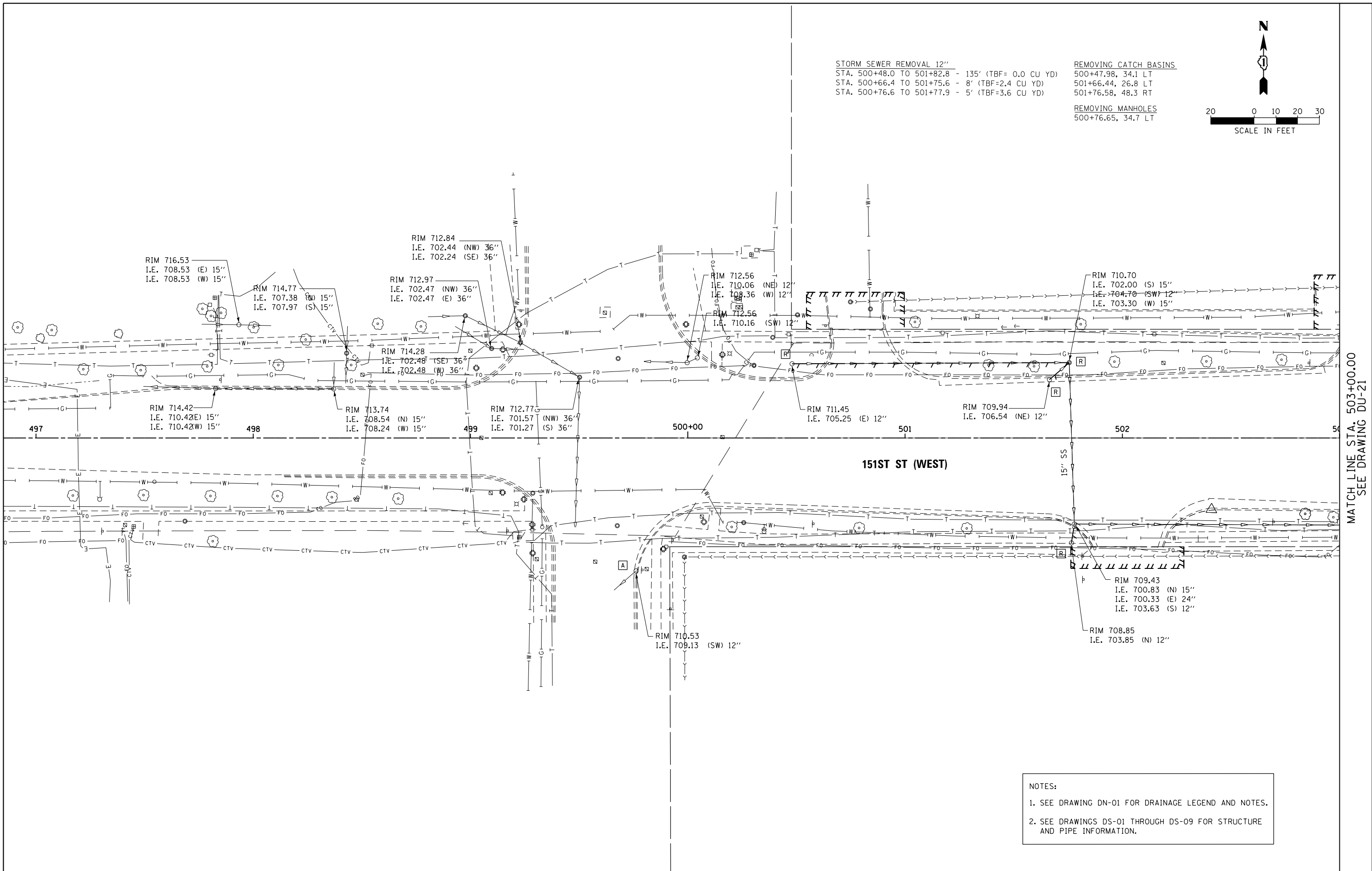
STORM SEWER REMOVAL 18"
STA. 327+00 TO 328+8.6 - 109' (TBF= 0.0 CU YD)

REMOVING CATCH BASINS
328+08.79, 22.2 LT
328+08.63, 28.3 RT
331+14.94, 26.5 LT
331+15.60, 26.5 RT



- NOTES:
- SEE DRAWING DN-01 FOR DRAINAGE LEGEND AND NOTES.
 - SEE DRAWINGS DS-01 THROUGH DS-09 FOR STRUCTURE AND PIPE INFORMATION.

FILE NAME =	USER NAME = Anthony.Plutz	DESIGNED - EJD	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	EXISTING DRAINAGE PLAN - 153RD STREET					F.A.P RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
D160M61-SHT-DRAINEX19.dgn		DRAWN - EJD	REVISED -							330	103R-4	COOK	877	177
	PLOT SCALE = 40.0000 ' / in.	CHECKED - JWM	REVISED -		DU-19					CONTRACT NO. 60M61				
SHT_PLAN	PLOT DATE = 3/14/2013	DATE - 03/13/2013	REVISED -		SCALE: 1"=20'	SHEET 2 OF 2 SHEETS	STA. 327+00.00 TO STA. END	ILLINOIS FED. AID PROJECT						



NOTES:
1. SEE DRAWING DN-01 FOR DRAINAGE LEGEND AND NOTES.
2. SEE DRAWINGS DS-01 THROUGH DS-09 FOR STRUCTURE AND PIPE INFORMATION.

FILE NAME = D160M61-SHT-DRAINEX20.dgn SHT_PLAN	USER NAME = Anthony.Plutz	DESIGNED - EJD	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	EXISTING DRAINAGE PLAN – 151ST STREET				F.A.P RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
		DRAWN - EJD	REVISED -						330	103R-4	COOK	877	178
	PLOT SCALE = 40.0000' / in.	CHECKED - JWM	REVISED -						DU-20 CONTRACT NO. 60M61				
	PLOT DATE = 3/14/2013	DATE - 03/13/2013	REVISED -		ILLINOIS FED. AID PROJECT								
				SCALE: 1"=20'	SHEET 1 OF 3 SHEETS	STA. BEGIN TO STA. 503+00.00							

MATCH LINE STA. 503+00.00
SEE DRAWING DU-21

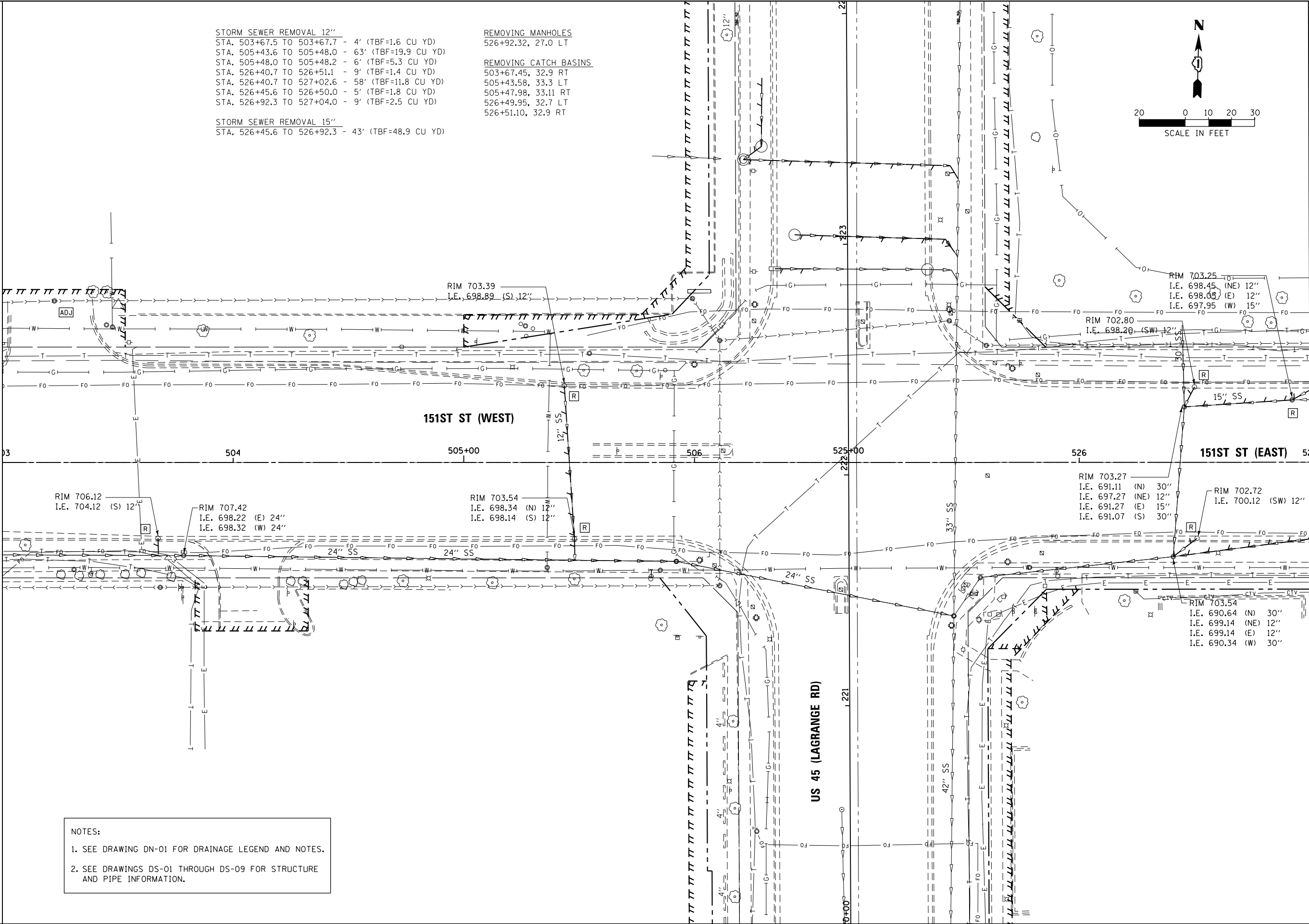
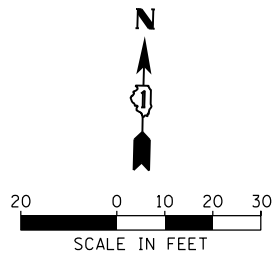
SEE DRAWING DU-20
MATCH LINE STA. 503+00.00

STORM SEWER REMOVAL 12"
STA. 503+67.5 TO 503+67.7 - 4' (TBF=1.6 CU YD)
STA. 505+43.6 TO 505+48.0 - 63' (TBF=19.9 CU YD)
STA. 505+48.0 TO 505+48.2 - 6' (TBF=5.3 CU YD)
STA. 526+40.7 TO 526+51.1 - 9' (TBF=1.4 CU YD)
STA. 526+40.7 TO 527+02.6 - 58' (TBF=11.8 CU YD)
STA. 526+45.6 TO 526+50.0 - 5' (TBF=1.8 CU YD)
STA. 526+92.3 TO 527+04.0 - 9' (TBF=2.5 CU YD)

STORM SEWER REMOVAL 15"
STA. 526+45.6 TO 526+92.3 - 43' (TBF=48.9 CU YD)

REMOVING MANHOLES
526+92.32, 27.0 LT

REMOVING CATCH BASINS
503+67.45, 32.9 RT
505+43.58, 33.3 LT
505+47.98, 33.11 RT
526+49.95, 32.7 LT
526+51.10, 32.9 RT



MATCH LINE STA. 527+00.00
SEE DRAWING DU-22

- NOTES:
1. SEE DRAWING DN-01 FOR DRAINAGE LEGEND AND NOTES.
 2. SEE DRAWINGS DS-01 THROUGH DS-09 FOR STRUCTURE AND PIPE INFORMATION.

FILE NAME =	USER NAME = Anthony.Plutz	DESIGNED - EJD	REVISED -
D:\60M61-SHT-DRAINEX21.dgn		DRAWN - EJD	REVISED -
		CHECKED - JWM	REVISED -
SHT_PLAN		DATE - 03/13/2013	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

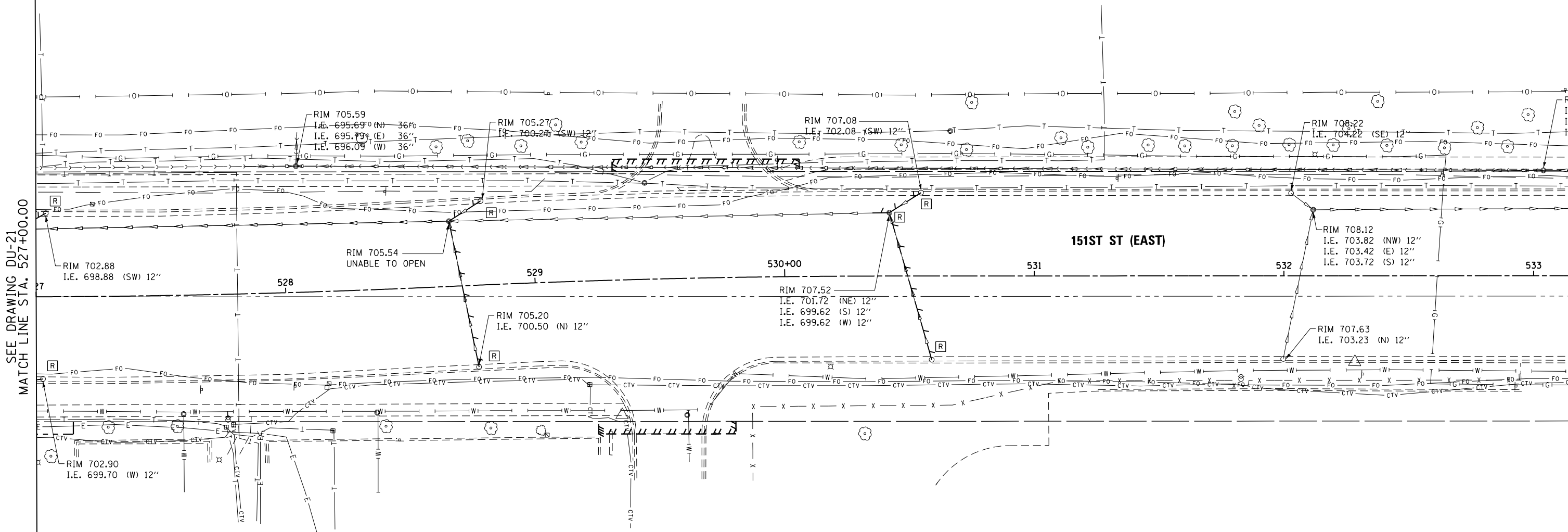
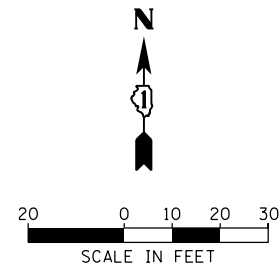
EXISTING DRAINAGE PLAN - 151ST STREET			
SCALE: 1"=20'	SHEET 2 OF 3 SHEETS	STA. 503+00.00 TO STA. 527+00.00	

F.A.P RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
330	103R-4	COOK	877	179
DU-21		CONTRACT NO. 60M61		
ILLINOIS		FED. AID PROJECT		

STORM SEWER REMOVAL 12"
STA. 527+66.6 TO 527+76.1 - 56' (TBF=20.5 CU YD)
STA. 527+66.6 TO 527+79.5 - 11' (TBF=4.3 CU YD)
STA. 530+34.7 TO 530+41.9 - 5' (TBF=5.1 CU YD)
STA. 530+41.9 TO 530+54.6 - 11' (TBF=4.1 CU YD)
STA. 530+41.9 TO 530+41.9 - 67' (TBF=48.6 CU YD)

REMOVING MANHOLES
530+41.94, 25.4 LT

REMOVING CATCH BASINS
527+02.63, 32.9 RT
527+03.99, 33.4 LT
528+76.08, 32.8 RT
528+79.53, 33.6 LT
530+54.63, 33.4 LT
530+58.88, 33.5 RT



SEE DRAWING DU-21
MATCH LINE STA. 527+00.00

- NOTES:
- SEE DRAWING DN-01 FOR DRAINAGE LEGEND AND NOTES.
 - SEE DRAWINGS DS-01 THROUGH DS-09 FOR STRUCTURE AND PIPE INFORMATION.

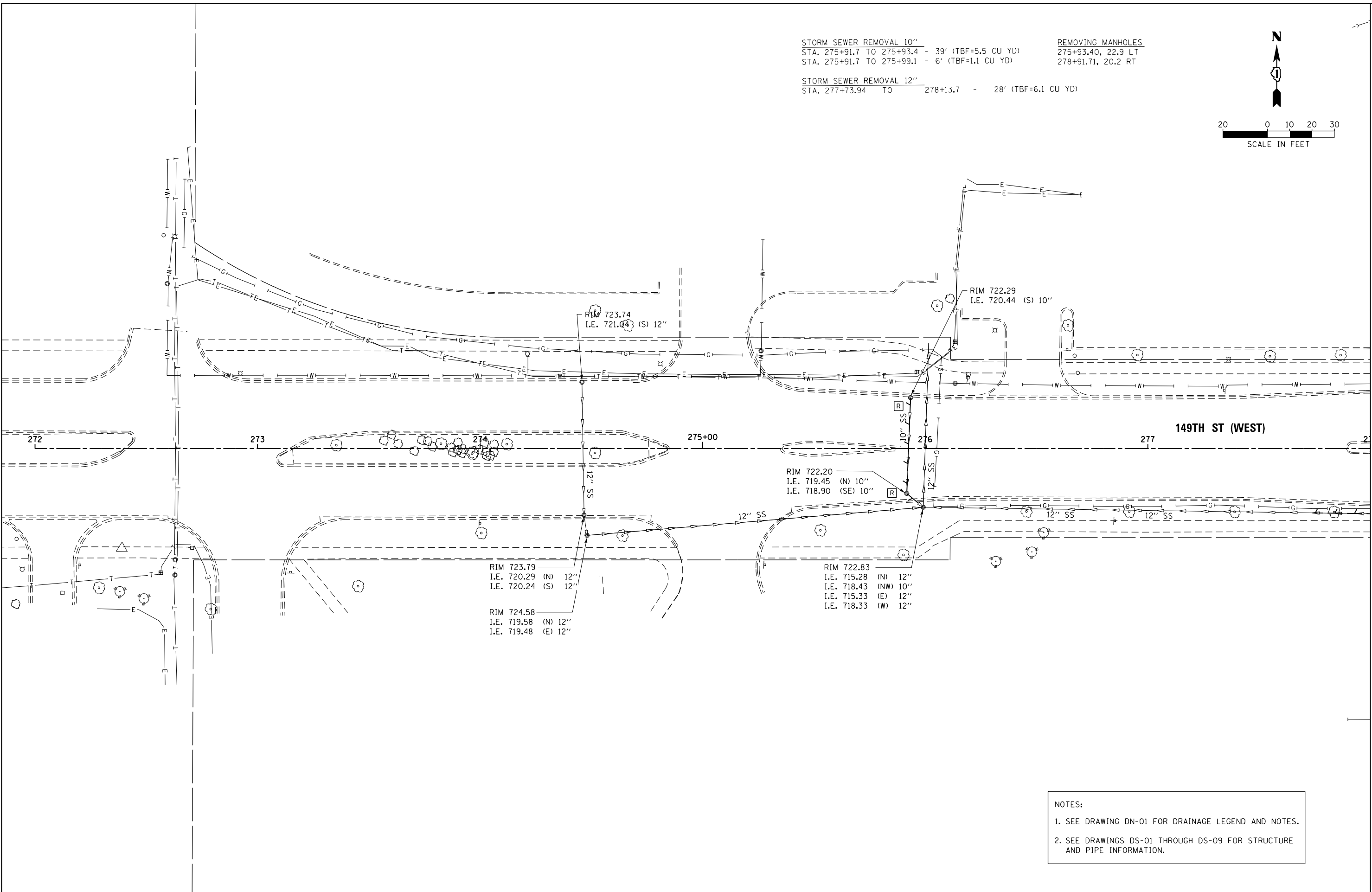
FILE NAME =	USER NAME = Anthony.Plutz	DESIGNED - EJD	REVISED -
D160M61-SHT-DRAINEX22.dgn		DRAWN - EJD	REVISED -
	PLOT SCALE = 40.0000' / in.	CHECKED - JWM	REVISED -
SHT_PLAN	PLOT DATE = 3/14/2013	DATE - 03/13/2013	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

EXISTING DRAINAGE PLAN - 151ST STREET

SCALE: 1"=20' SHEET 3 OF 3 SHEETS STA. 527+00.00 TO STA. END

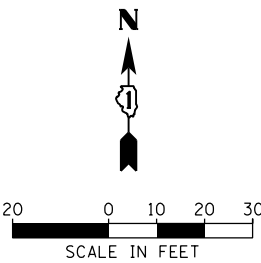
F.A.P RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
330	103R-4	COOK	877	180
DU-22		CONTRACT NO. 60M61		
ILLINOIS FED. AID PROJECT				



STORM SEWER REMOVAL 10"
STA. 275+91.7 TO 275+93.4 - 39' (TBF=5.5 CU YD)
STA. 275+91.7 TO 275+99.1 - 6' (TBF=1.1 CU YD)

REMOVING MANHOLES
275+93.40, 22.9 LT
278+91.71, 20.2 RT

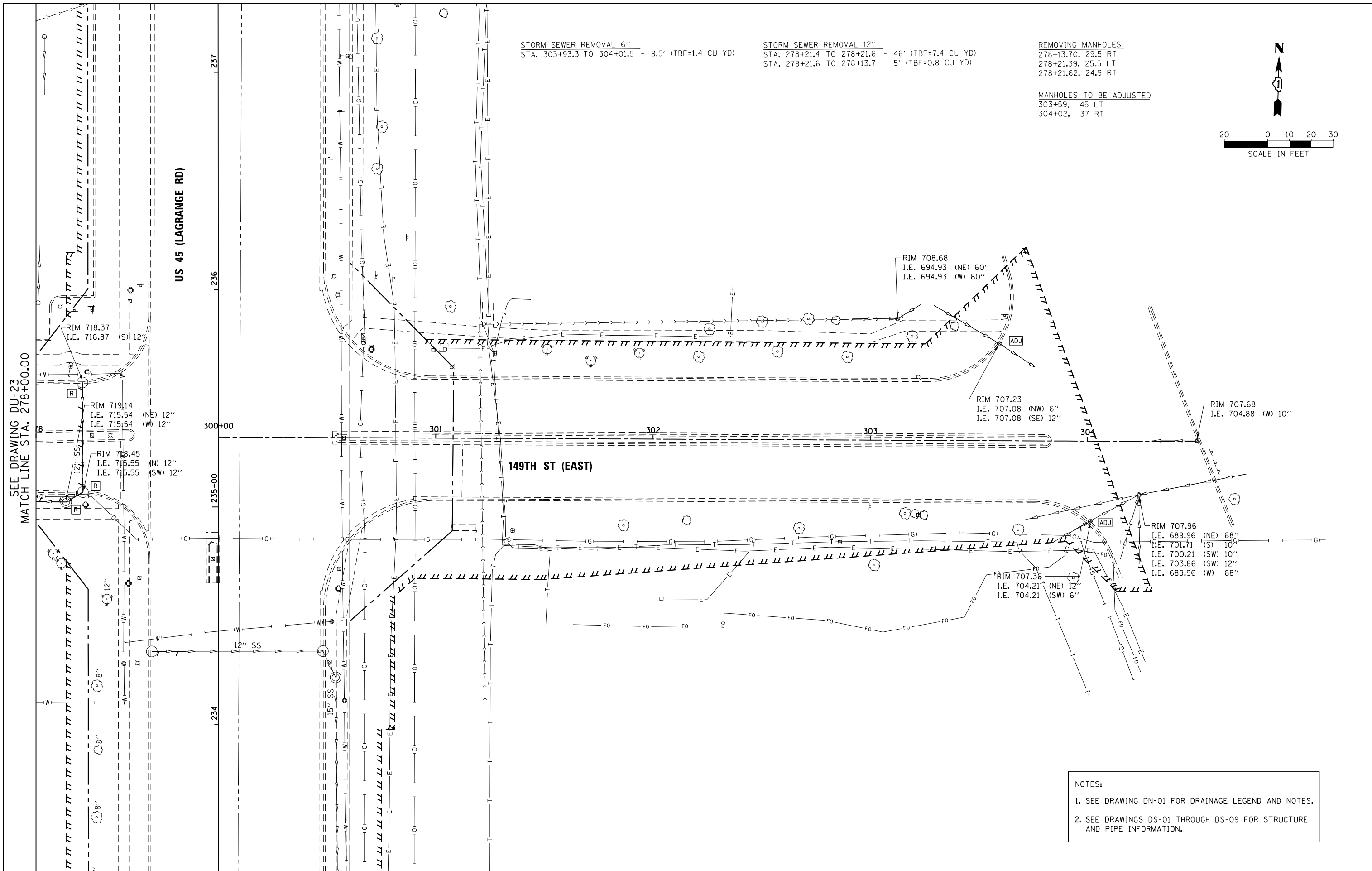
STORM SEWER REMOVAL 12"
STA. 277+73.94 TO 278+13.7 - 28' (TBF=6.1 CU YD)



- NOTES:
- 1. SEE DRAWING DN-01 FOR DRAINAGE LEGEND AND NOTES.
 - 2. SEE DRAWINGS DS-01 THROUGH DS-09 FOR STRUCTURE AND PIPE INFORMATION.

MATCH LINE STA. 278+00.00
SEE DRAWING DU-24

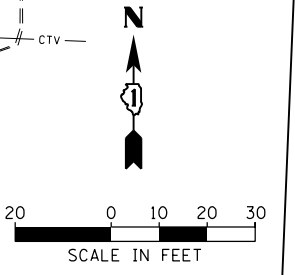
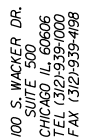
FILE NAME = D160M61-SHT-DRAINEX23.dgn SHT_PLAN	USER NAME = Anthony.Plutz	DESIGNED - EJD	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	EXISTING DRAINAGE PLAN - 149TH STREET					F.A.P RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
		DRAWN - EJD	REVISED -							330	103R-4	COOK	877	181
	PLOT SCALE = 40.0000' / in.	CHECKED - JWM	REVISED -		DU-23		CONTRACT NO. 60M61							
	PLOT DATE = 3/14/2013	DATE - 03/13/2013	REVISED -		SCALE: 1"=20'	SHEET 1 OF 2 SHEETS	STA. BEGIN TO STA. 278+00.00	ILLINOIS FED. AID PROJECT						



NOTES:

1. SEE DRAWING DN-01 FOR DRAINAGE LEGEND AND NOTES.
2. SEE DRAWINGS DS-01 THROUGH DS-09 FOR STRUCTURE AND PIPE INFORMATION.

FILE NAME = D160M61-SHT-DRAINEX24.dgn SHT_PLAN	USER NAME = Anthony.Plutz	DESIGNED - EJD	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	EXISTING DRAINAGE PLAN - 149TH STREET				F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
		DRAWN - EJD	REVISED -						330	103R-4	COOK	877	182
	PLOT SCALE = 40.0000' / in.	CHECKED - JWM	REVISED -						DU-24				
	PLOT DATE = 3/14/2013	DATE - 03/13/2013	REVISED -		SCALE: 1"=20'	SHEET 2 OF 2 SHEETS	STA. 278+00.00 TO STA. END	ILLINOIS FED. AID PROJECT					



1. SEE DRAWING DN-01 FOR DRAINAGE LEGEND AND NOTES.
2. SEE DRAWINGS DS-01 THROUGH DS-09 FOR STRUCTURE AND PIPE INFORMATION.

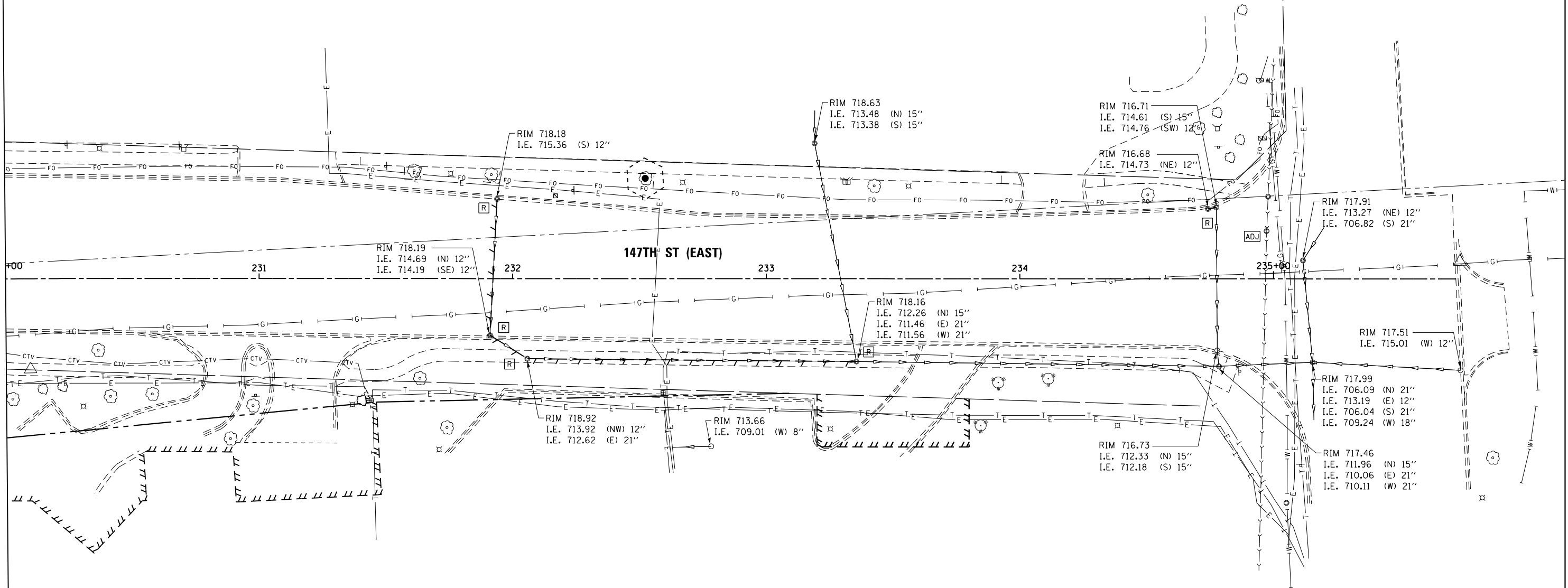
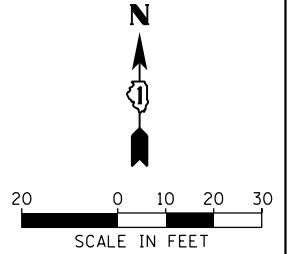
FILE NAME = D160M61-SHT-DRAINEX25.dgn	USER NAME = Anthony.Plutz	DESIGNED - EJD	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	EXISTING DRAINAGE PLAN - 147TH STREET				F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
		DRAWN - EJD	REVISED -						330	103R-4	COOK	877	183
SHT_PLAN	PLOT SCALE = 40.0000' / in.	CHECKED - JWM	REVISED -		DU-25		CONTRACT NO. 60M61						
	PLOT DATE = 3/14/2013	DATE - 03/13/2013	REVISED -		SCALE: 1"=20'	SHEET 1 OF 2 SHEETS	STA. BEGIN TO STA. 230+00.00		ILLINOIS FED. AID PROJECT				

SEE DRAWING DU-25
MATCH LINE STA. 230+00.00

STORM SEWER REMOVAL 12"
STA. 231+91.1 TO 231+93.8 - 50' (TBF=7.9 CU YD)
STA. 231+91.1 TO 232+05.8 - 13' (TBF=3.8 CU YD)
STA. 234+74.2 TO 234+77.5 - 1' (TBF=0.3 CU YD)

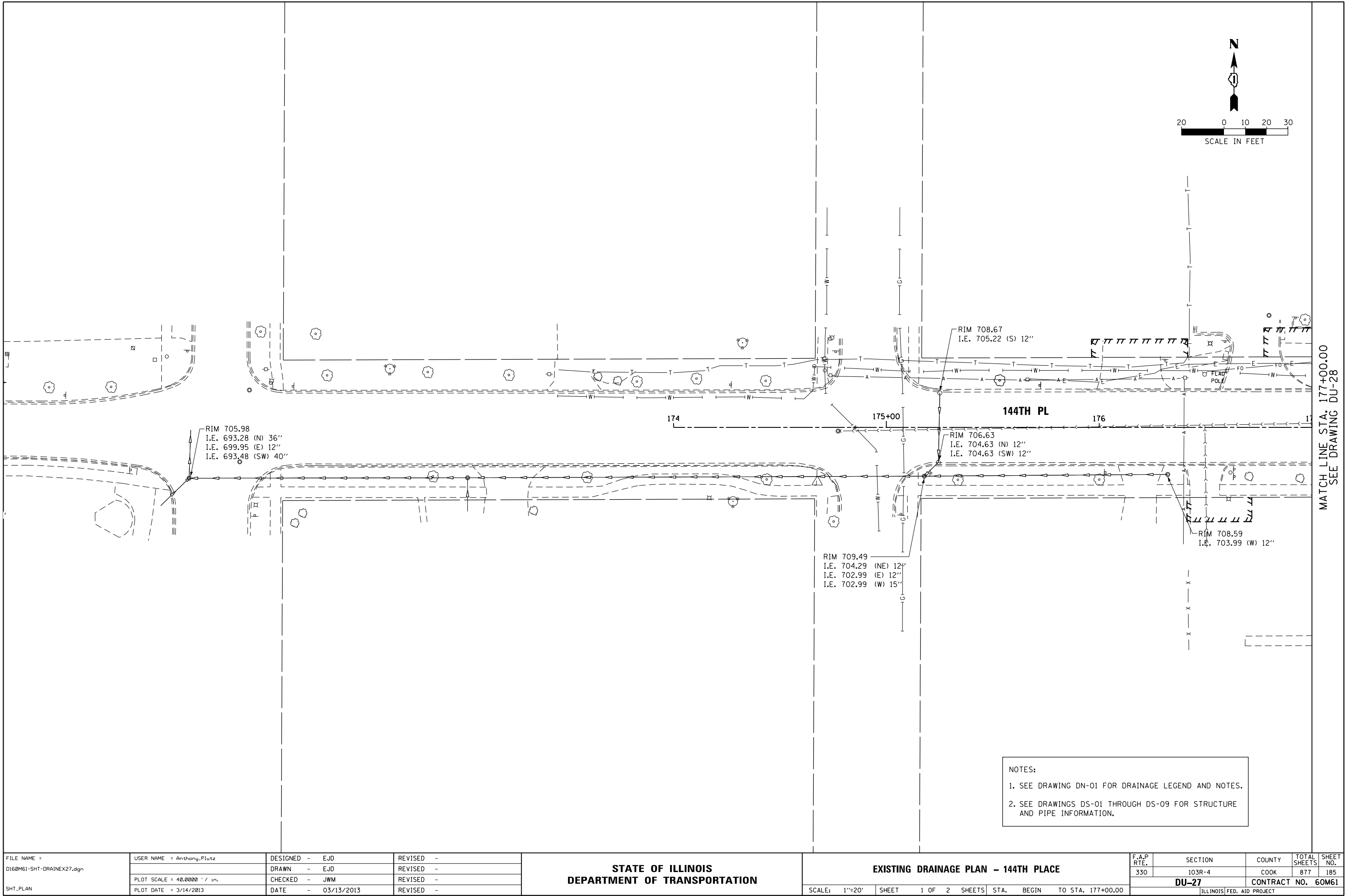
STORM SEWER REMOVAL 21"
STA. 232+05.8 TO 233+35.6 - 126' (TBF=124.4 CU YD)

REMOVING MANHOLES
231+93.84, 31.4 LT
231+91.11, 22.4 RT
232+05.81, 31.6 RT
233+35.56, 32.7 RT
234+74.18, 27.6 LT



- NOTES:
1. SEE DRAWING DN-01 FOR DRAINAGE LEGEND AND NOTES.
 2. SEE DRAWINGS DS-01 THROUGH DS-09 FOR STRUCTURE AND PIPE INFORMATION.

FILE NAME = D160M61-SHT-DRAINEX26.dgn	USER NAME = Anthony.Plutz	DESIGNED - EJD	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	EXISTING DRAINAGE PLAN – 147TH STREET			F.A.P RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
		DRAWN - EJD	REVISED -					330	103R-4	COOK	877	184
SHT_PLAN	PLOT SCALE = 40.0000' / in.	CHECKED - JWM	REVISED -		SCALE: 1"=20' SHEET 2 OF 2 SHEETS STA. 230+00.00 TO STA. END			DU-26		CONTRACT NO. 60M61		
	PLOT DATE = 3/14/2013	DATE - 03/13/2013	REVISED -					ILLINOIS FED. AID PROJECT				



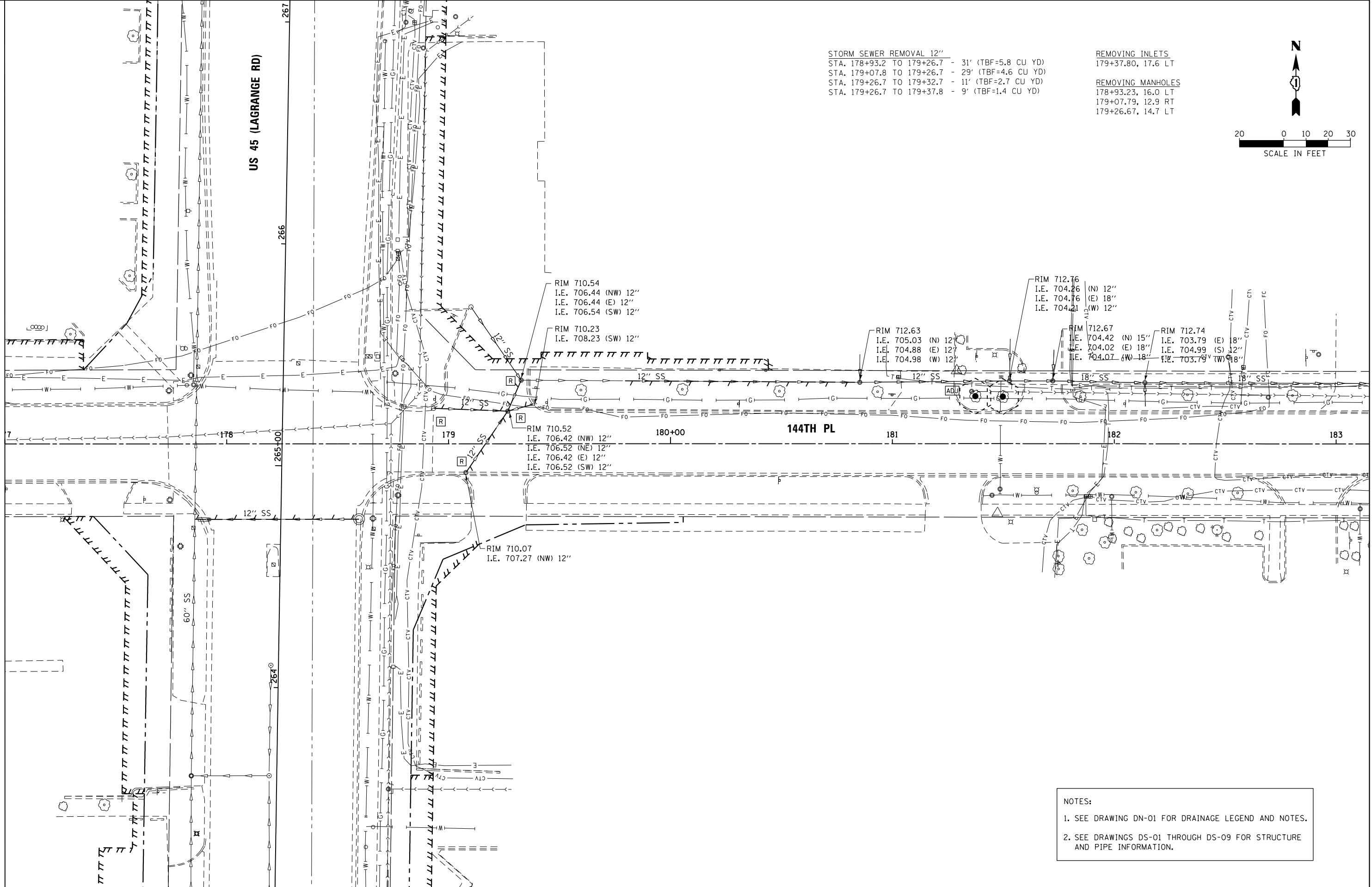
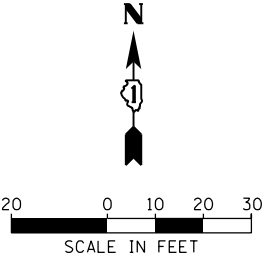
SEE DRAWING DU-27
MATCH LINE STA. 177+00.00

US 45 (LAGRANGE RD)

STORM SEWER REMOVAL 12"
STA. 178+93.2 TO 179+26.7 - 31' (TBF=5.8 CU YD)
STA. 179+07.8 TO 179+26.7 - 29' (TBF=4.6 CU YD)
STA. 179+26.7 TO 179+32.7 - 11' (TBF=2.7 CU YD)
STA. 179+26.7 TO 179+37.8 - 9' (TBF=1.4 CU YD)

REMOVING INLETS
179+37.80, 17.6 LT

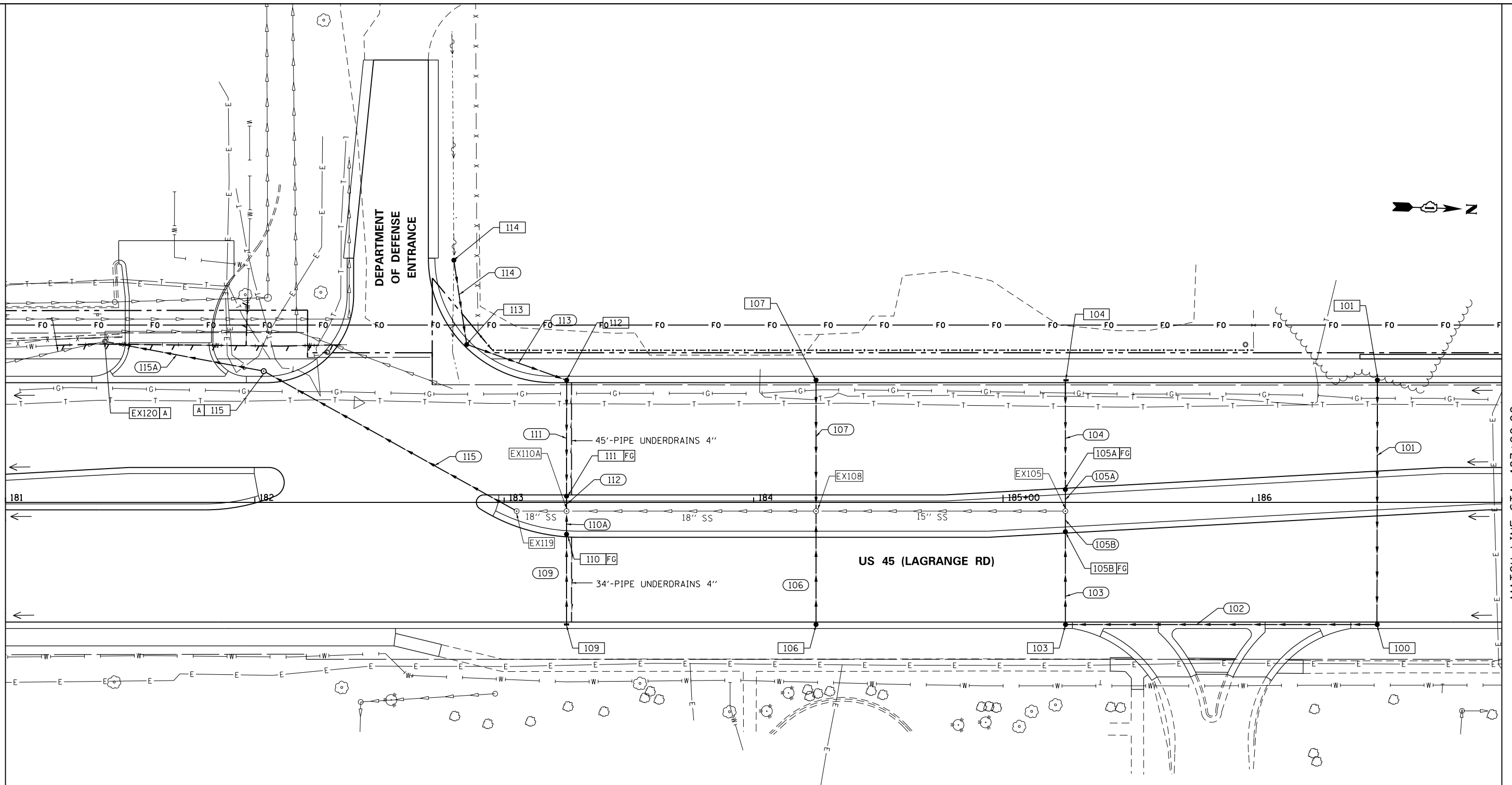
REMOVING MANHOLES
178+93.23, 16.0 LT
179+07.79, 12.9 RT
179+26.67, 14.7 LT



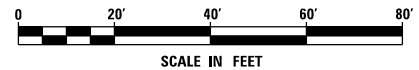
- NOTES:
- SEE DRAWING DN-01 FOR DRAINAGE LEGEND AND NOTES.
 - SEE DRAWINGS DS-01 THROUGH DS-09 FOR STRUCTURE AND PIPE INFORMATION.

FILE NAME :	USER NAME = Anthony.Plutz	DESIGNED - EJD	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	EXISTING DRAINAGE PLAN – 144TH PLACE				F.A.P RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
D160M61-SHT-DRAINEX28.dgn		DRAWN - EJD	REVISED -		330	103R-4	COOK	877	186				
	PLOT SCALE = 40.0000 ' / in.	CHECKED - JWM	REVISED -		DU-28					CONTRACT NO. 60M61			
SHT_PLAN	PLOT DATE = 3/14/2013	DATE - 03/13/2013	REVISED -		ILLINOIS FED. AID PROJECT								
				SCALE: 1"=20'	SHEET 2 OF 2 SHEETS	STA. 177+00.00 TO STA. END							

SEE DRAWING DU-29
MATCH LINE STA. 181+00.00



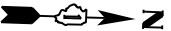
MATCH LINE STA. 187+00.00
SEE DRAWING DU-31



- NOTES:
1. SEE DRAWING DN-01 FOR DRAINAGE LEGEND AND NOTES.
 2. SEE DRAWINGS DS-01 THROUGH DS-09 FOR STRUCTURE AND PIPE INFORMATION.

FILE NAME = D160M61-SHT-DRAINPR02.dgn SHT_PLAN	USER NAME = Frank.Stallone	DESIGNED - EJD	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	PROPOSED DRAINAGE PLAN - US 45 (LAGRANGE ROAD)				F.A.P RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
		DRAWN - EJD	REVISED -						330	103R-4	COOK	877	188
	PLOT SCALE = 40.0000' / in.	CHECKED - JWM	REVISED -		DU-30				CONTRACT NO. 60M61				
	PLOT DATE = 3/15/2013	DATE - 03/13/2013	REVISED -		SCALE: 1"=20'				SHEET 2 OF 17 SHEETS	STA. 181+00.00 TO STA. 187+00.00			
ILLINOIS FED. AID PROJECT													

SEE DRAWING DU-30



SEE DRAWING DU-32

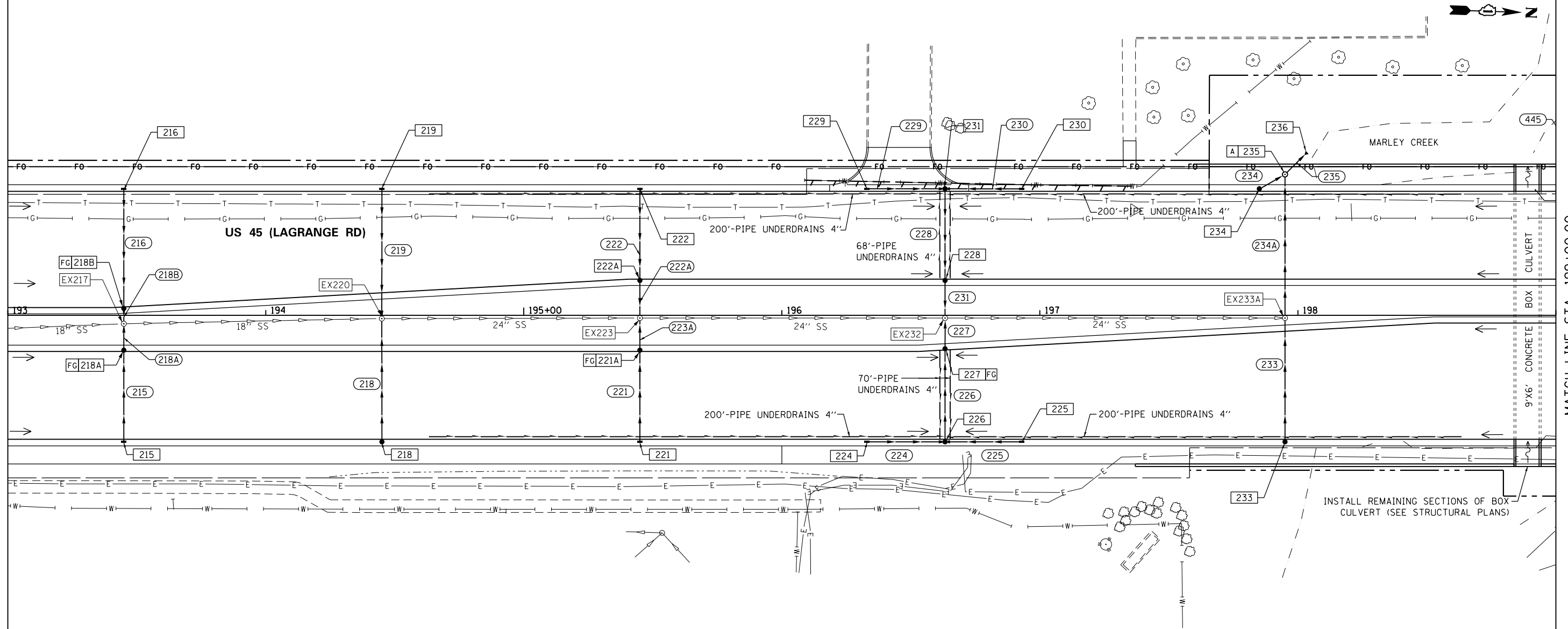


NOTES:

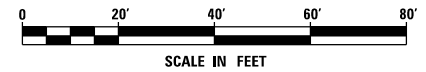
1. SEE DRAWING DN-01 FOR DRAINAGE LEGEND AND NOTES.
2. SEE DRAWINGS DS-01 THROUGH DS-09 FOR STRUCTURE AND PIPE INFORMATION.

FILE NAME =	USER NAME = Frank.Stellone	DESIGNED - EJD	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	PROPOSED DRAINAGE PLAN - US 45 (LAGRANGE ROAD)				F.A.P RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
D160M61-SHT-DRAINPR03.dgn		DRAWN - EJD	REVISED -						330	103R-4	COOK	877	189
SHT_PLAN	PLOT SCALE = 48.0000' / in.	CHECKED - JWM	REVISED -		DU-31		CONTRACT NO. 60M61		ILLINOIS FED. AID PROJECT				
	PLOT DATE = 3/15/2013	DATE - 03/13/2013	REVISED -								SCALE: 1"=20'	SHEET 3 OF 17 SHEETS	STA. 187+00.00 TO STA. 193+00.00

SEE DRAWING DU-31
MATCH LINE STA. 193+00.00



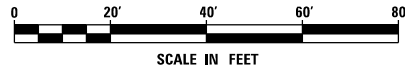
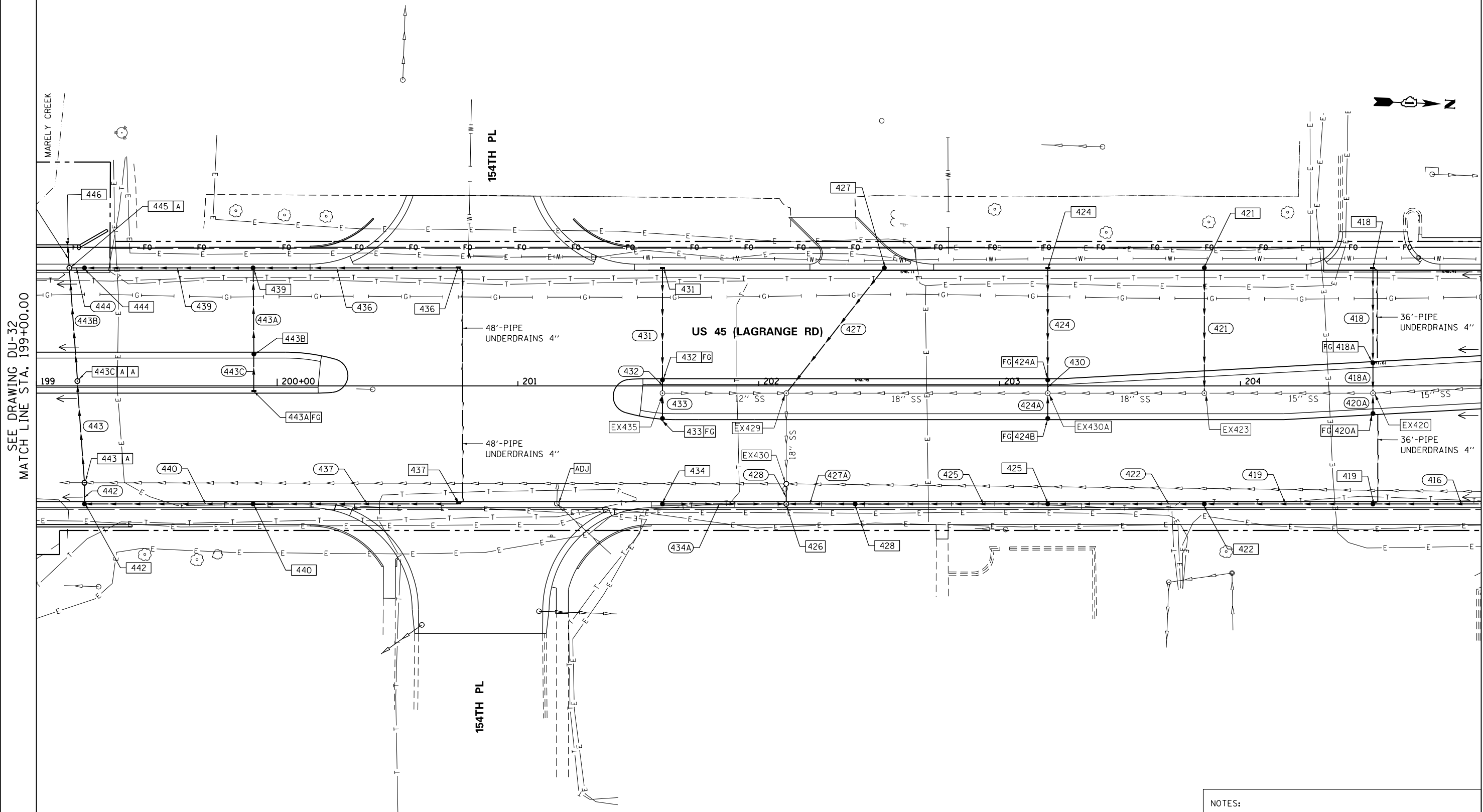
MATCH LINE S/A. 199+00.00
 SEE DRAWING DU-33



NOTES:

1. SEE DRAWING DN-01 FOR DRAINAGE LEGEND AND NOTES.
2. SEE DRAWINGS DS-01 THROUGH DS-09 FOR STRUCTURE AND PIPE INFORMATION.

FILE NAME =	USER NAME = Frank.Stallone	DESIGNED - EJD	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	PROPOSED DRAINAGE PLAN - US 45 (LAGRANGE ROAD)					F.A.P RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
D160M61-SHT-DRAINPR04.dgn		DRAWN - EJD	REVISED -		330	103R-4	COOK	877	190					
	PLOT SCALE = 40.0000' / in.	CHECKED - JWM	REVISED -		DU-32					CONTRACT NO. 60M61				
SHT_PLAN	PLOT DATE = 3/15/2013	DATE - 03/13/2013	REVISED -		SCALE: 1"=20'	SHEET 4 OF 17 SHEETS	STA. 193+00.00 TO STA. 199+00.00			ILLINOIS FED. AID PROJECT				



- NOTES:
1. SEE DRAWING DN-01 FOR DRAINAGE LEGEND AND NOTES.
 2. SEE DRAWINGS DS-01 THROUGH DS-09 FOR STRUCTURE AND PIPE INFORMATION.

FILE NAME = D160M61-SHT-DRAINPR05.dgn SHT_PLAN	USER NAME = Frank.Stallone	DESIGNED - EJD	REVISED -
		DRAWN - EJD	REVISED -
	PLOT SCALE = 40.0000' / in.	CHECKED - JWM	REVISED -
	PLOT DATE = 3/15/2013	DATE - 03/13/2013	REVISED -

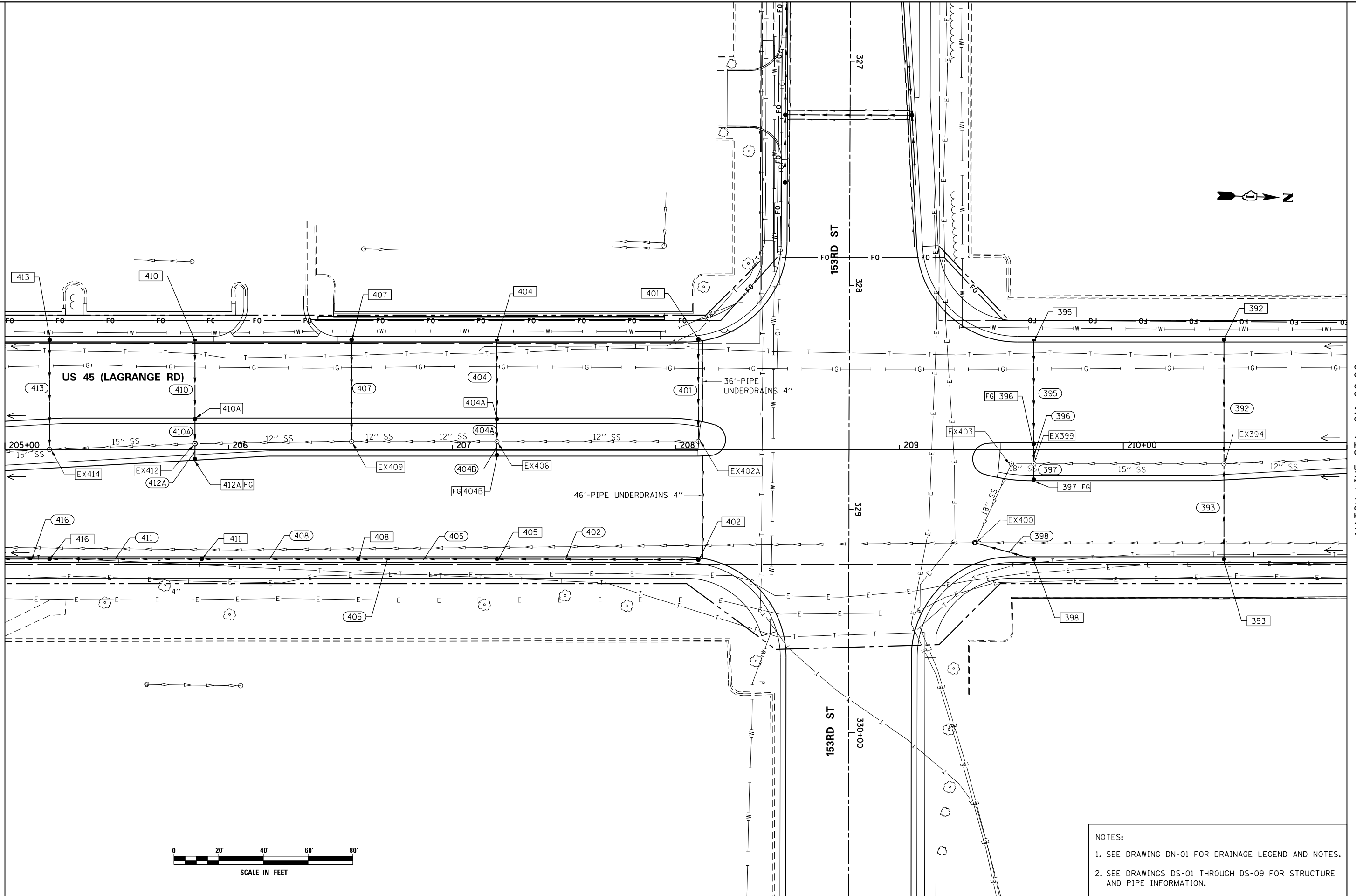
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

PROPOSED DRAINAGE PLAN - US 55 (LAGRANGE ROAD)

SCALE: 1"=20' SHEET 5 OF 17 SHEETS STA. 199+00.00 TO STA. 205+00.00

F.A.P RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
330	103R-4	COOK	877	191
DU-33		CONTRACT NO. 60M61		
		ILLINOIS FED. AID PROJECT		

SEE DRAWING DU-33
MATCH LINE STA. 205+00.00



MATCH LINE STA. 211+00.00
SEE DRAWING DU-35

- NOTES:
1. SEE DRAWING DN-01 FOR DRAINAGE LEGEND AND NOTES.
 2. SEE DRAWINGS DS-01 THROUGH DS-09 FOR STRUCTURE AND PIPE INFORMATION.

FILE NAME = D160M61-SHT-DRAINPR06.dgn SHT_PLAN	USER NAME = Frank.Stallone	DESIGNED - EJD	REVISED -
		DRAWN - EJD	REVISED -
		PLOT SCALE = 40.0000' / in.	REVIS
		CHECKED - JWM	REVISED -
		DATE - 03/13/2013	REVISED -

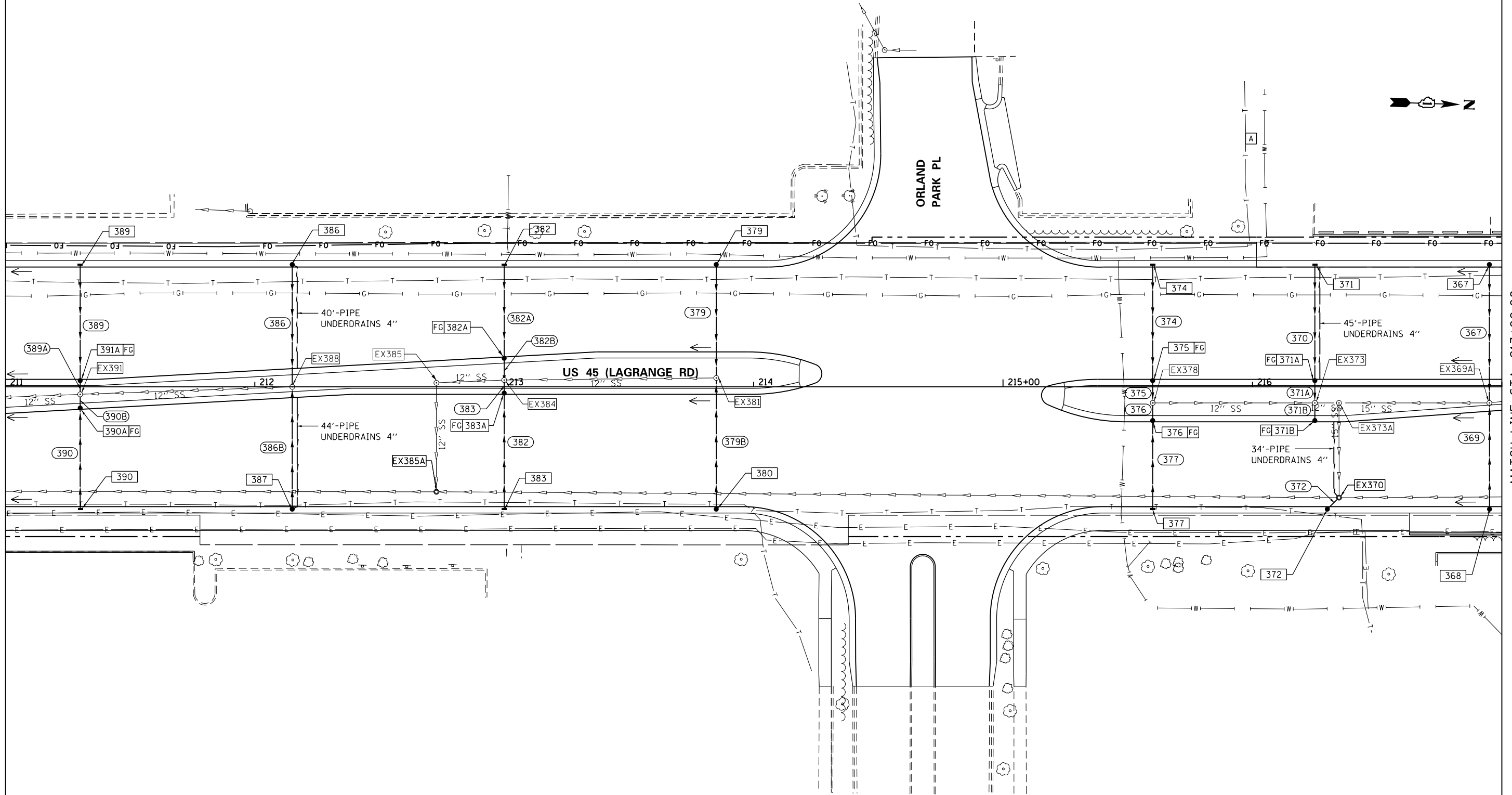
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

PROPOSED DRAINAGE PLAN - US 45 (LAGRANGE ROAD)

SCALE: 1"=20' SHEET 6 OF 17 SHEETS STA. 205+00.00 TO STA. 211+00.00

F.A.P RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
330	103R-4	COOK	877	192
DU-34		CONTRACT NO. 60M61		
ILLINOIS		FED. AID PROJECT		

SEE DRAWING DU-34
MATCH LINE STA. 211+00.00



MATCH LINE STA. 217+00.00
SEE DRAWING DU-36

- NOTES:
- SEE DRAWING DN-01 FOR DRAINAGE LEGEND AND NOTES.
 - SEE DRAWINGS DS-01 THROUGH DS-09 FOR STRUCTURE AND PIPE INFORMATION.

FILE NAME =	USER NAME = Frank.Stallone	DESIGNED - EJD	REVISED -
DI60M61-SHT-DRAINPR07.dgn		DRAWN - EJD	REVISED -
	PLOT SCALE = 40.0000' / in.	CHECKED - JWM	REVISED -
SHT_PLAN	PLOT DATE = 3/15/2013	DATE - 03/13/2013	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

PROPOSED DRAINAGE PLAN - US 45 (LAGRANGE ROAD)

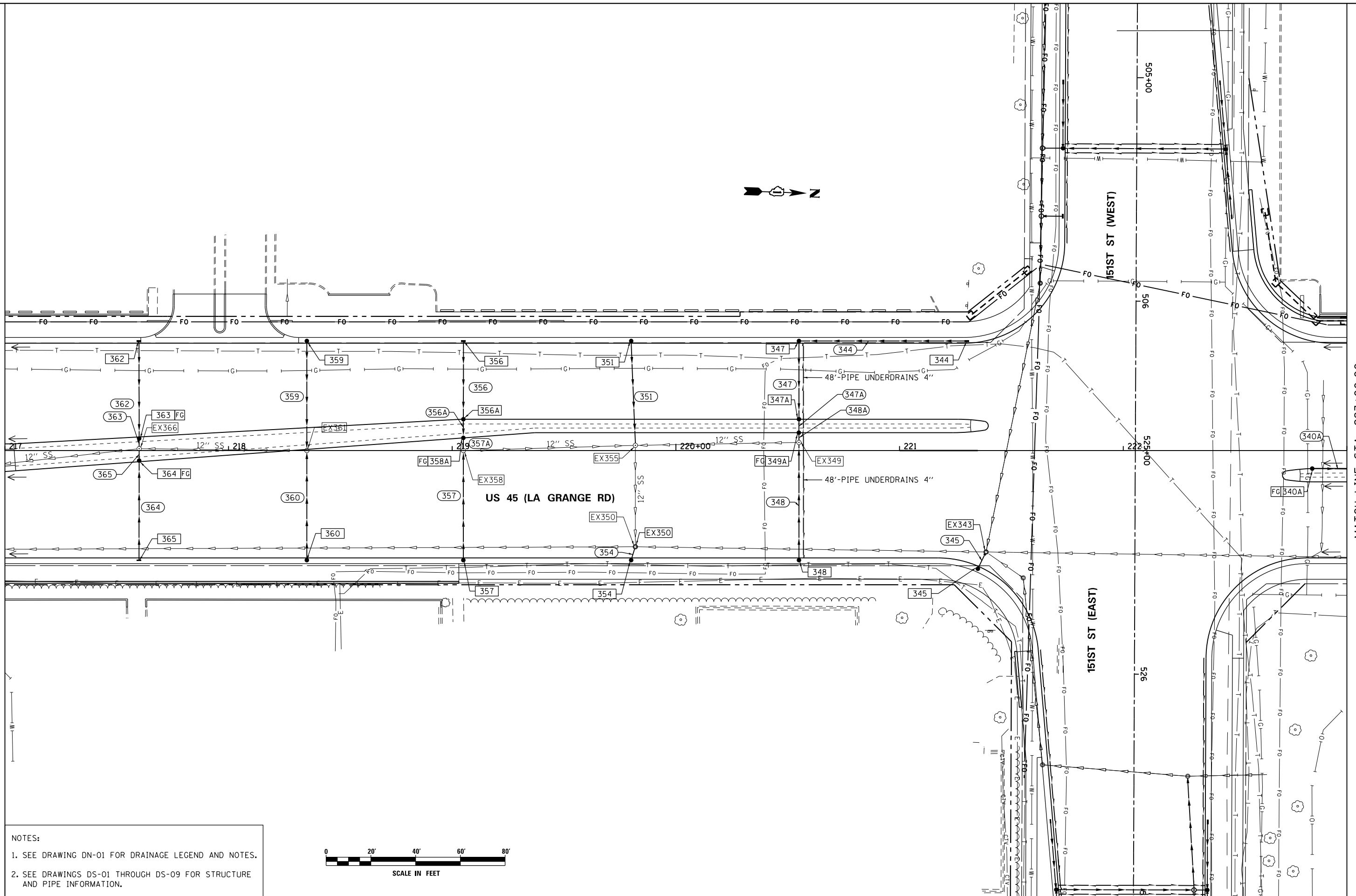
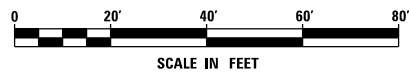
SCALE: 1"=20' SHEET 7 OF 17 SHEETS STA. 211+00.00 TO STA. 217+00.00

F.A.P RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
330	103R-4	COOK	877	193
DU-35		CONTRACT NO. 60M61		
ILLINOIS FED. AID PROJECT				

SEE DRAWING DU-35
MATCH LINE STA. 217+00.00

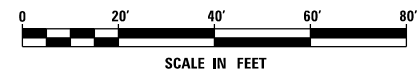
NOTES:

- SEE DRAWING DN-01 FOR DRAINAGE LEGEND AND NOTES.
- SEE DRAWINGS DS-01 THROUGH DS-09 FOR STRUCTURE AND PIPE INFORMATION.



MATCH LINE STA. 223+00.00
SEE DRAWING DU-37

FILE NAME = D160M61-SHT-DRAINPR08.dgn	USER NAME = Frank.Stallone	DESIGNED - EJD	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	PROPOSED DRAINAGE PLAN - US 45 (LAGRANGE ROAD)	SCALE: 1"=20'	SHEET 8 OF 17 SHEETS	STA. 217+00.00 TO STA. 223+00.00	F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
		DRAWN - EJD	REVISED -						330	103R-4	COOK	877	194
	SHT_PLAN	PLOT SCALE = 40.0000' / in.	CHECKED - JWM						REVISED -	DU-36 CONTRACT NO. 60M61			
	PLOT DATE = 3/15/2013	DATE - 03/13/2013	REVISED -						ILLINOIS FED. AID PROJECT				



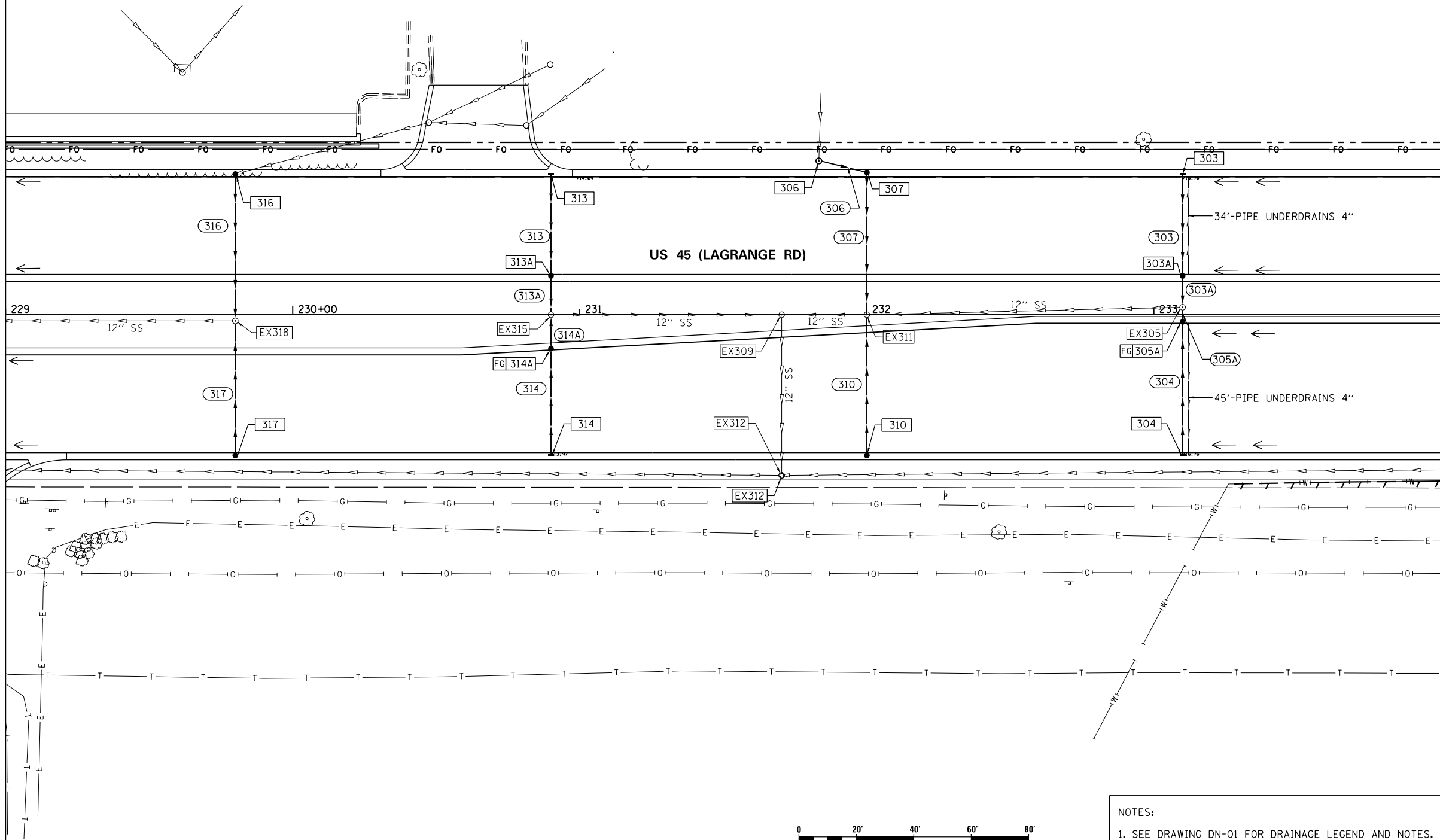
FILE NAME =	USER NAME = Frank_Stallone	DESIGNED - EJD	REVISED -
D160M61-SHT-DRAINPR09.dgn		DRAWN - EJD	REVISED -
	PLOT SCALE = 40.0000' / in.	CHECKED - JWM	REVISED -
SHT_PLAN	PLOT DATE = 3/15/2013	DATE = 03/13/2013	REVISED -

PROPOSED DRAINAGE PLAN – US 45 (LAGRANGE ROAD)

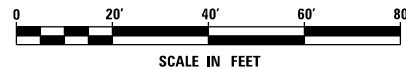
SCALE: 1"=20'	SHEET 9 OF 17 SHEETS	STA. 223+00.00 TO STA. 229+00.00
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F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
330	103R-4	COOK	877	195
DU-37		CONTRACT NO. 60M61		
ILLINOIS FED. AID PROJECT				

SEE DRAWING DU-37
MATCH LINE STA. 229+00.00



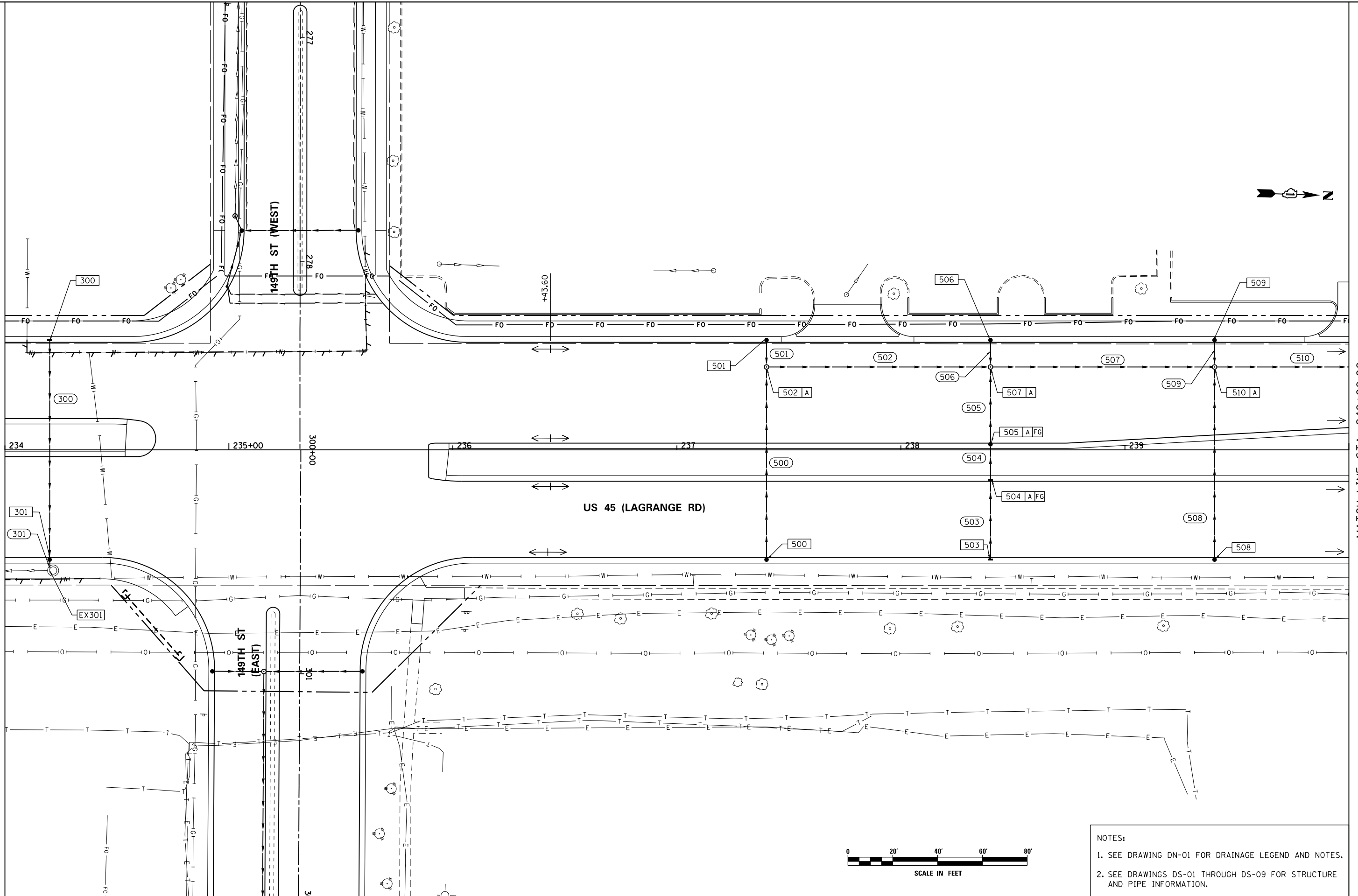
MATCH LINE STA. 234+00.00
SEE DRAWING DU-39



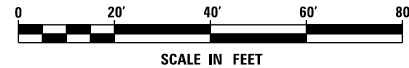
- NOTES:
1. SEE DRAWING DN-01 FOR DRAINAGE LEGEND AND NOTES.
 2. SEE DRAWINGS DS-01 THROUGH DS-09 FOR STRUCTURE AND PIPE INFORMATION.

FILE NAME = D160M61-SHT-DRAINPR10.dgn SHT_PLAN	USER NAME = Frank.Stallone	DESIGNED - EJD	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	PROPOSED DRAINAGE PLAN - US 45 (LAGRANGE ROAD)					F.A.P RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
		DRAWN - EJD	REVISED -							330	103R-4	COOK	877	196
	PLOT SCALE = 40.0000' / in.	CHECKED - JWM	REVISED -		DU-38					CONTRACT NO. 60M61				
	PLOT DATE = 3/15/2013	DATE - 03/13/2013	REVISED -							ILLINOIS FED. AID PROJECT				
					SCALE: 1"=20'	SHEET 10 OF 17 SHEETS	STA. 229+00.00 TO STA. 234+00.00							

SEE DRAWING DU-38
MATCH LINE STA. 234+00.00



MATCH LINE STA. 240+00.00
SEE DRAWING DU-40



- NOTES:
- SEE DRAWING DN-01 FOR DRAINAGE LEGEND AND NOTES.
 - SEE DRAWINGS DS-01 THROUGH DS-09 FOR STRUCTURE AND PIPE INFORMATION.

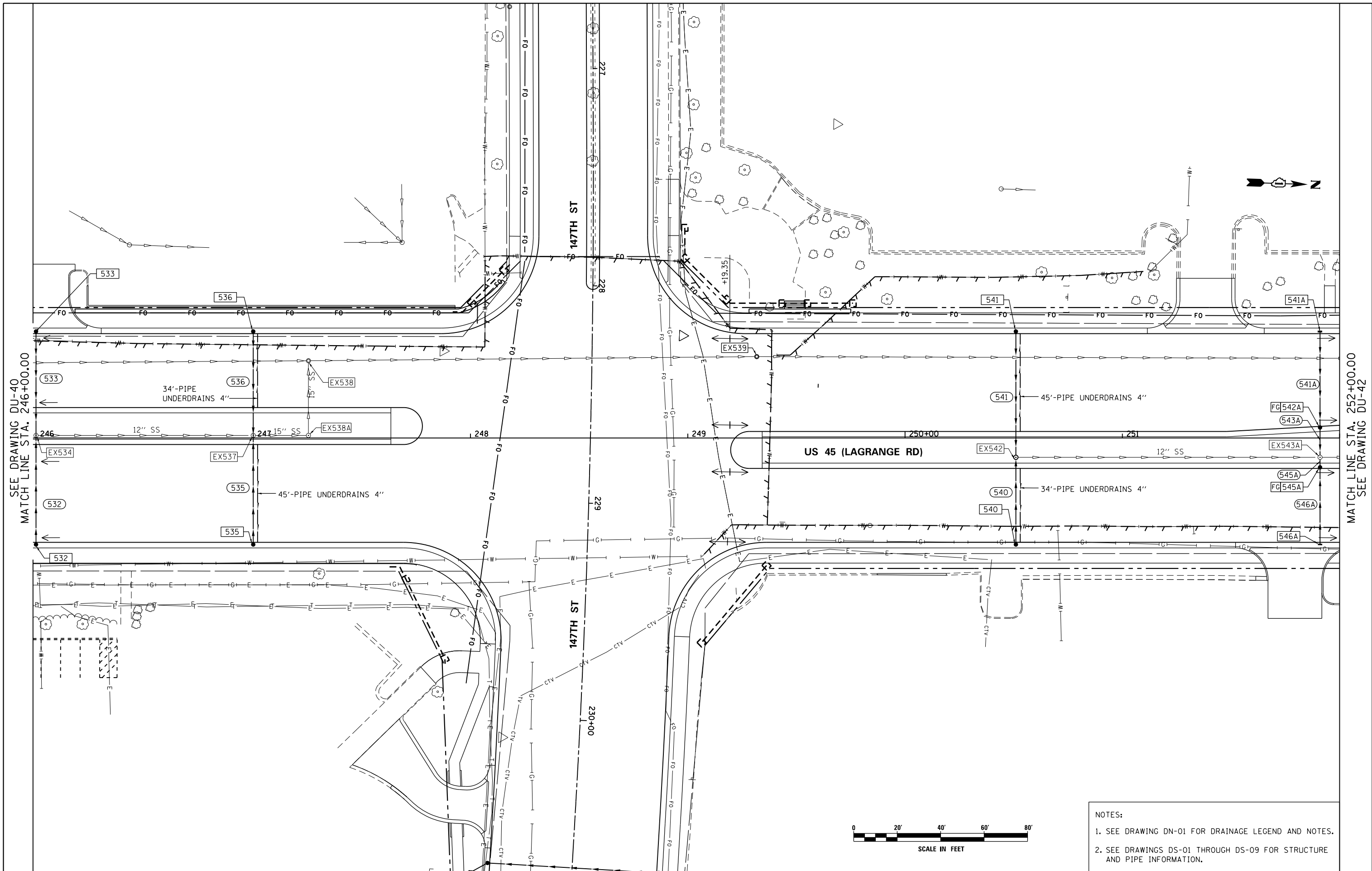
FILE NAME = D160M61-SHT-DRAINPR11.dgn SHT_PLAN	USER NAME = Frank.Stallone	DESIGNED - EJD	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	PROPOSED DRAINAGE PLAN - US 45 (LAGRANGE ROAD)	SCALE: 1"=20'	SHEET 11 OF 17 SHEETS	STA. 234+00.00 TO STA. 240+00.00	F.A.P RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
		DRAWN - EJD	REVISED -						330	103R-4	COOK	877	197
	PLOT SCALE = 40.0000' / in.	CHECKED - JWM	REVISED -						DU-39		CONTRACT NO. 60M61		
	PLOT DATE = 3/15/2013	DATE - 03/13/2013	REVISED -						ILLINOIS FED. AID PROJECT				



MATCH LINE STA. 246+00.00
SEE DRAWING DU-41

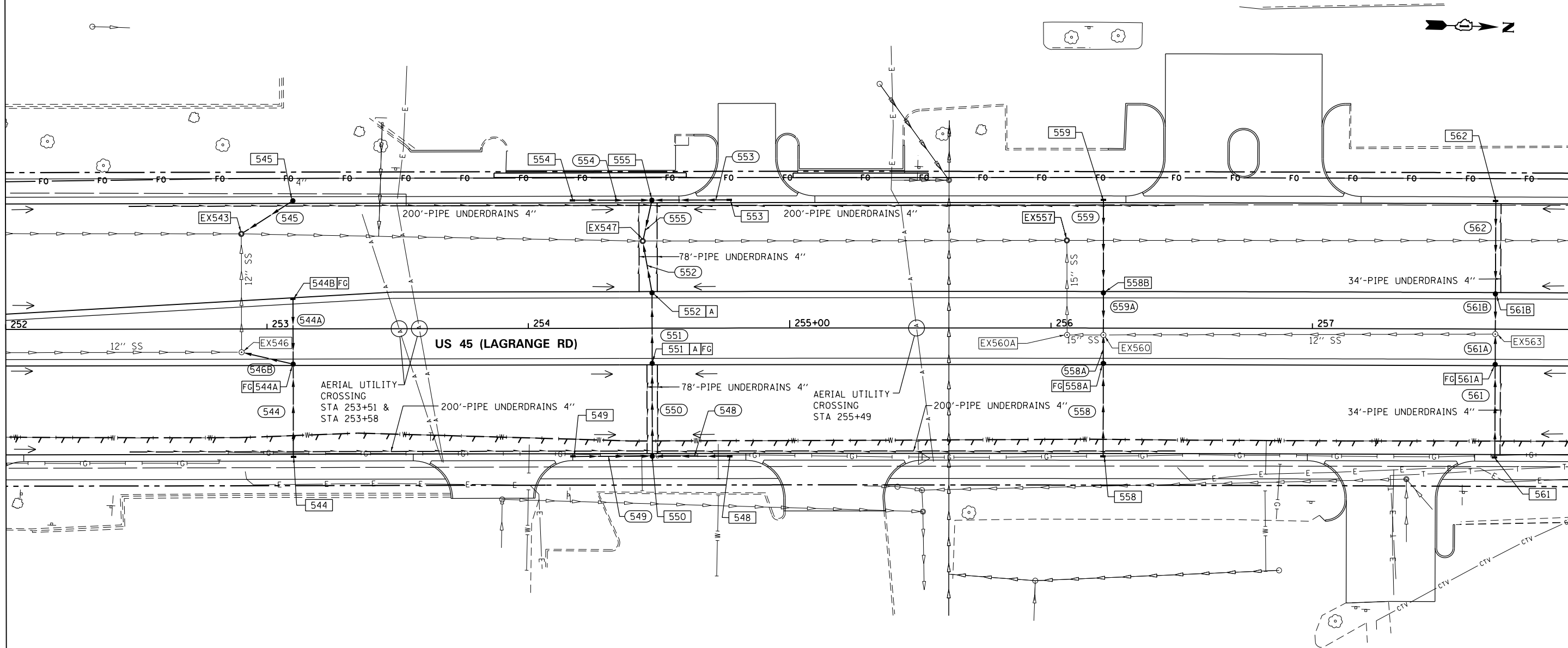
NOTES:

1. SEE DRAWING DN-01 FOR DRAINAGE LEGEND AND NOTES.
2. SEE DRAWINGS DS-01 THROUGH DS-09 FOR STRUCTURE AND PIPE INFORMATION.

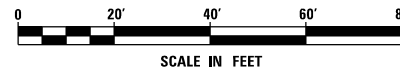


FILE NAME = D:\6061-SHT-DRAINPR13.dgn SHT_PLAN	USER NAME = Frank.Stallone	DESIGNED - EJD	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	PROPOSED DRAINAGE PLAN - US 45 (LAGRANGE ROAD)				F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
		DRAWN - EJD	REVISED -						330	103R-4	COOK	877	199
	PLOT SCALE = 40.0000' / in.	CHECKED - JWM	REVISED -						DU-41		CONTRACT NO. 60M61		
	PLOT DATE = 3/15/2013	DATE - 03/13/2013	REVISED -						ILLINOIS FED. AID PROJECT				
					SCALE: 1"=20'	SHEET 13 OF 17 SHEETS	STA. 246+00.00 TO STA. 252+00.00						

SEE DRAWING DU-41
MATCH LINE STA. 252+00.00



MATCH LINE STA. 258+00.00
SEE DRAWING DU-43



- NOTES:
- SEE DRAWING DN-01 FOR DRAINAGE LEGEND AND NOTES.
 - SEE DRAWINGS DS-01 THROUGH DS-09 FOR STRUCTURE AND PIPE INFORMATION.

FILE NAME =	USER NAME = Frank.Stallone	DESIGNED - EJD	REVISED -
D160M61-SHT-DRAINPR14.dgn		DRAWN - EJD	REVISED -
	PLOT SCALE = 40.0000' / in.	CHECKED - JWM	REVISED -
SHT_PLAN	PLOT DATE = 3/15/2013	DATE - 03/13/2013	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

PROPOSED DRAINAGE PLAN - US 45 (LAGRANGE ROAD)

SCALE: 1"=20' SHEET 14 OF 17 SHEETS STA. 252+00.00 TO STA. 258+00.00

F.A.P RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
330	103R-4	COOK	877	200
DU-42		CONTRACT NO. 60M6		
ILLINOIS FED. AID PROJECT				